

## ASTRODIENST EPHEMERIS for the year 2600

JANUARY 2600

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	6 42 39	10°31'44"	25°39'	17°35'	14°33'	2°31'	12°45'	22°31'	9°8'	6°25'	13°7'	11°51'	10°32'	16°39'	10°27'	W 1
T 2	6 46 36	11°15'51"	7°13'	18°41'	15°49'	3°17'	12°58'	22°34'	9°9'	6°25'	13°8'	11°52'	10°29'	16°45'	10°29'	T 2
F 3	6 50 33	12°16'57"	19°33'	20°17'	17°4'	4°3'	13°10'	22°37'	9°10'	6°25'	13°6'	11°52'	10°26'	16°52'	10°32'	F 3
S 4	6 54 29	13°18'04"	1°24'48"	21°53'	18°19'	4°50'	13°23'	22°40'	9°10'	6°25'	13°5'	11°50'	10°23'	16°59'	10°34'	S 4
S 5	6 58 26	14°19'11"	14°20'	23°29'	19°35'	5°36'	13°35'	22°43'	9°11'	6°25'	13°5'	11°45'	10°19'	17°5'	10°37'	S 5
M 6	7 2 22	15°20'18"	27°12'	25°6'	20°50'	6°22'	13°47'	22°46'	9°12'	6°25'	13°4'	11°38'	10°16'	17°12'	10°40'	M 6
T 7	7 6 19	16°21'27"	10°32'33"	26°42'	22°6'	7°9'	14°0'	22°49'	9°13'	6°25'	13°4'	11°28'	10°13'	17°19'	10°43'	T 7
W 8	7 10 15	17°22'35"	23°54'	28°19'	23°21'	7°55'	14°12'	22°52'	9°14'	6°25'	13°4'	11°17'	10°10'	17°25'	10°45'	W 8
T 9	7 14 12	18°23'43"	7°24'40"	29°55'	24°37'	8°42'	14°24'	22°54'	9°15'	6°25'	13°3'	11°5'	10°7'	17°32'	10°48'	T 9
F 10	7 18 9	19°24'52"	21°38'	1°32'	25°52'	9°28'	14°36'	22°57'	9°16'	6°25'	13°3'	10°54'	10°4'	17°39'	10°51'	F 10
S 11	7 22 5	20°26'00"	5°44'43"	3°8'	27°8'	10°15'	14°48'	22°59'	9°18'	6°25'	13°3'	10°45'	10°0'	17°45'	10°54'	S 11
S 12	7 26 2	21°27'09"	19°53'	4°44'	28°23'	11°1'	15°0'	23°1'	9°19'	6°25'	13°2'	10°39'	9°57'	17°52'	10°57'	S 12
M13	7 29 58	22°28'17"	4°19'2'	6°19'	29°39'	11°47'	15°12'	23°3'	9°20'	6°25'	13°2'	10°35'	9°54'	17°59'	11°0'	M13
T 14	7 33 55	23°29'24"	18°9'	7°54'	0°54'	12°34'	15°24'	23°5'	9°21'	6°25'	13°2'	10°D34'	9°51'	18°5'	11°3'	T 14
W15	7 37 51	24°30'32"	2°14'	9°29'	2°9'	13°20'	15°36'	23°7'	9°23'	6°24'	13°1'	10°34'	9°48'	18°12'	11°6'	W15
T 16	7 41 48	25°31'39"	16°14'	11°2'	3°25'	14°6'	15°47'	23°9'	9°24'	6°24'	13°1'	10°R34'	9°45'	18°18'	11°9'	T 16
F 17	7 45 44	26°32'46"	0°11'10"	12°35'	4°40'	14°53'	15°59'	23°11'	9°26'	6°24'	13°1'	10°33'	9°41'	18°25'	11°12'	F 17
S 18	7 49 41	27°33'52"	14°1'	14°5'	5°56'	15°39'	16°11'	23°12'	9°27'	6°24'	13°1'	10°29'	9°38'	18°32'	11°15'	S 18
S 19	7 53 38	28°34'58"	27°45'	15°35'	7°11'	16°26'	16°22'	23°14'	9°29'	6°23'	13°0'	10°22'	9°35'	18°38'	11°19'	S 19
M20	7 57 34	29°36'04"	11°21'21"	17°2'	8°27'	17°12'	16°33'	23°15'	9°30'	6°23'	13°0'	10°12'	9°32'	18°45'	11°22'	M20
T 21	8 1 31	0°37'09"	24°44'	18°26'	9°42'	17°58'	16°45'	23°17'	9°32'	6°22'	13°0'	10°0'	9°29'	18°52'	11°25'	T 21
W22	8 5 27	1°38'14"	7°24'54"	19°48'	10°57'	18°45'	16°56'	23°18'	9°34'	6°22'	13°0'	9°47'	9°25'	18°58'	11°28'	W22
T 23	8 9 24	2°39'19"	20°47'	21°6'	12°13'	19°31'	17°7'	23°19'	9°36'	6°21'	13°0'	9°33'	9°22'	19°5'	11°32'	T 23
F 24	8 13 20	3°40'24"	3°17'24"	22°20'	13°28'	20°17'	17°18'	23°20'	9°37'	6°21'	13°0'	9°21'	9°19'	19°12'	11°35'	F 24
S 25	8 17 17	4°41'28"	15°45'	23°28'	14°43'	21°3'	17°29'	23°21'	9°39'	6°20'	13°0'	9°10'	9°16'	19°18'	11°39'	S 25
S 26	8 21 13	5°42'32"	27°52'	24°32'	15°59'	21°50'	17°40'	23°21'	9°41'	6°20'	13°0'	9°3'	9°13'	19°25'	11°42'	S 26
M27	8 25 10	6°43'35"	9°24'48"	25°28'	17°14'	22°36'	17°51'	23°22'	9°43'	6°19'	13°D0'	8°58'	9°10'	19°32'	11°46'	M27
T 28	8 29 7	7°44'39"	21°37'	26°18'	18°29'	23°22'	18°2'	23°22'	9°45'	6°18'	13°0'	8°56'	9°6'	19°38'	11°49'	T 28
W29	8 33 3	8°45'42"	3°12'24"	26°59'	19°45'	24°8'	18°13'	23°23'	9°47'	6°18'	13°0'	8°55'	9°3'	19°45'	11°53'	W29
T 30	8 37 0	9°46'45"	15°16'	27°31'	21°0'	24°55'	18°23'	23°23'	9°49'	6°17'	13°0'	8°55'	9°0'	19°52'	11°56'	T 30
F 31	8 40 56	10°47'47"	27°16'16"	27°54'	22°15'	25°41'	18°34'	23°23'	9°51'	6°16'	13°0'	8°54'	8°57'	19°58'	12°0'	F 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	22s58	8s33	1n26	24s18	2s3	23s15	0s41	11s33	1s5	21s35	0n41	6s32	2n22	2n58	0s42	1s24	1n14
T 2	22 53	13 37	0 23	24 8	2 5	23 9	0 43	11 16	1 4	21 36	0 41	6 33	2 22	2 58	0 42	1 24	1 14
F 3	22 48	18 13	0s41	23 56	2 7	23 2	0 46	10 58	1 3	21 38	0 41	6 34	2 23	2 58	0 42	1 24	1 14
S 4	22 42	22 10	1 44	23 42	2 8	22 54	0 48	10 41	1 2	21 39	0 41	6 35	2 23	2 59	0 42	1 24	1 14
S 5	22 36	25 10	2 44	23 27	2 10	22 45	0 50	10 23	1 1	21 41	0 41	6 36	2 23	2 59	0 42	1 24	1 15
M 6	22 29	26 57	3 37	23 11	2 10	22 36	0 52	10 5	1 1	21 42	0 41	6 36	2 24	2 59	0 42	1 24	1 15
T 7	22 22	27 16	4 20	22 53	2 11	22 26	0 54	9 47	1 0	21 44	0 41	6 37	2 24	3 0	0 42	1 24	1 15
W 8	22 14	26 0	4 49	22 34	2 11	22 16	0 55	9 29	0 59	21 45	0 41	6 38	2 24	3 0	0 42	1 24	1 15
T 9	22 6	23 9	5 2	22 13	2 10	22 4	0 57	9 11	0 58	21 47	0 41	6 39	2 24	3 1	0 42	1 24	1 15
F 10	21 58	18 56	4 57	21 51	2 9	21 52	0 59	8 53	0 57	21 48	0 41	6 39	2 25	3 1	0 42	1 24	1 15
S 11	21 49	13 38	4 34	21 28	2 8	21 40	1 1	8 34	0 56	21 49	0 41	6 40	2 25	3 2	0 42	1 24	1 15
S 12	21 40	7 36	3 55	21 3	2 6	21 27	1 3	8 16	0 55	21 51	0 41	6 40	2 25	3 2	0 42	1 24	1 15
M13	21 30	1 10	3 1	20 37	2 3	21 13	1 4	7 58	0 55	21 52	0 41	6 41	2 25	3 3	0 42	1 23	1 15
T 14	21 20	5n19	1 56	20 9	2 0	20 58	1 6	7 39	0 54	21 53	0 41	6 41	2 26	3 3	0 42	1 23	1 15
W15	21 9	11 31	0 44	19 41	1 56	20 43	1 8	7 21	0 53	21 55	0 41	6 42	2 26	3 4	0 42	1 23	1 15
T 16	20 58	17 7	0n30	19 11	1 51	20 27	1 9	7 2	0 52	21 56	0 41	6 42	2 26	3 4	0 42	1 23	1 15
F 17	20 47	21 47	1 42	18 40	1 46	20 11	1 11	6 43	0 51	21 57	0 41	6 43	2 27	3 5	0 42	1 23	1 15
S 18	20 35	25 11	2 47	18 8	1 39	19 54	1 12	6 25	0 50	21 58	0 41	6 43	2 27	3 6	0 42	1 23	1 15
S 19	20 23	27 3	3 42	17 35	1 33	19 36	1 14	6 6	0 50	21 59	0 41	6 43	2 27	3 6	0 42	1 23	1 15
M20	20 10	27 15	4 23	17 2	1 25	19 18	1 15	5 47	0 49	22 1	0 41	6 43	2 27	3 7	0 42	1 22	1 15
T 21	19 57	25 52	4 50	16 28	1 16	19 0	1 16	5 28	0 48	22 2	0 41	6 44	2 28	3 8	0 42	1 22	1 15
W22	19 44	23 4	5 0	15 53	1 7	18 40	1 18	5 10	0 47	22 3	0 41	6 44	2 28	3 8	0 42	1 22	1 15
T 23	19 30	19 10	4 54	15 19	0 56	18 21	1 19	4 51	0 46	22 4	0 41	6 44	2 28	3 9	0 42	1 22	1 15
F 24	19 16	14 29	4 35	14 44	0 45	18 0	1 20	4 32	0 45	22 5	0 41	6 44	2 29	3 10	0 42	1 21	1 15
S 25	19 2	9 19	4 2	14 10	0 33	17 40	1 21	4 13	0 44	22 6	0 41	6 44	2 29	3 11	0 41	1 21	1 16
S 26	18 47	3 53	3 19	13 37	0 20	17 18	1 22	3 54	0 44	22 7	0 41	6 44	2 29	3 11	0 41	1 21	1 16
M27	18 32	1s36	2 28	13 5	0 6	16 56	1 23	3 35	0 43	22 8	0 41	6 44	2 29	3 12	0 41	1 21	1 16
T 28	18 17	7 0	1 30	12 34	0n10	16 34	1 24	3 16	0 42	22 9	0 41	6 44	2 30	3 13	0 41	1 20	1 16
W29	18 1	12 9	0 29	12 5	0 25	16 12	1 25	2 57	0 41	22 10	0 41	6 44	2 30	3 14	0 41	1 20	1 16
T 30	17 45	16 54	0s34	11 38	0 42	15 48	1 26	2 38	0 40	22 11	0 41	6 44	2 30	3 15	0 41	1 20	1 16
F 31	17s28	21s2	1s36	11s14	0n59	15s25	1s26	2s19	0s39	22s12	0n41	6s44	2n30	3n15	0s41	1s19	1n16

Julian Day Number = 2670690.5, Delta T = 20m12s

Ecliptic obliquity = 23°21'47", Nutation = - 0°00'11"

Ayanamsha: Fagan/Bradley = 33°07'56", Lahiri = 32°14'56"

## ASTRODIENST EPHEMERIS for the year 2600

FEBRUARY 2600

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 44 53	11 <sup>48</sup> 48'50	9 <sup>32</sup> 32	28 <sup>5</sup> 5	23 <sup>30</sup> 30	26 <sup>27</sup> 27	18 <sup>44</sup> 44	23 <sup>23</sup> R24	9 <sup>53</sup> 53	6 <sup>15</sup> R15	13 <sup>0</sup> 0	8 <sup>52</sup> R52	8 <sup>54</sup> 54	20 <sup>5</sup> 5	12 <sup>3</sup> 3	S 1
S 2	8 48 49	12 <sup>49</sup> 51	22° 8	28 <sup>6</sup> R 6	24 <sup>46</sup> 46	27°13	18 <sup>55</sup> 55	23 <sup>24</sup> 24	9 <sup>55</sup> 55	6 <sup>15</sup> 15	13° 0	8 <sup>47</sup> 47	8°51	20°12	12° 7	S 2
M 3	8 52 46	13 <sup>50</sup> 53	5 <sup>3</sup> 7	27°55	26° 1	27°59	19° 5	23°23	9°58	6°14	13° 0	8°39	8°47	20°18	12°11	M 3
T 4	8 56 42	14 <sup>51</sup> 54	18°30	27°33	27°16	28°45	19°15	23°23	10° 0	6°13	13° 1	8°29	8°44	20°25	12°15	T 4
W 5	9 0 39	15°52'54	2 <sup>18</sup> 18	26°59	28°32	29°31	19°25	23°23	10° 2	6°12	13° 1	8°17	8°41	20°32	12°18	W 5
T 6	9 4 36	16°53'53	16°27	26°15	29°47	0 <sup>17</sup> 17	19°35	23°22	10° 4	6°11	13° 1	8° 4	8°38	20°38	12°22	T 6
F 7	9 8 32	17°54'52	0 <sup>52</sup> 52	25°21	1 <sup>2</sup> 2	1° 3	19°45	23°22	10° 7	6°10	13° 1	7°52	8°35	20°45	12°26	F 7
S 8	9 12 29	18°55'49	15°26	24°20	2°17	1°49	19°55	23°21	10° 9	6° 9	13° 2	7°42	8°31	20°52	12°30	S 8
S 9	9 16 25	19°56'46	0 <sup>2</sup> 2	23°12	3°32	2°35	20° 4	23°20	10°12	6° 8	13° 2	7°35	8°28	20°58	12°33	S 9
M10	9 20 22	20°57'41	14°33	22° 0	4°48	3°21	20°14	23°20	10°14	6° 7	13° 2	7°31	8°25	21° 5	12°37	M10
T 11	9 24 18	21°58'35	28°55	20°46	6° 3	4° 7	20°23	23°19	10°17	6° 6	13° 2	7°29	8°22	21°11	12°41	T 11
W12	9 28 15	22°59'28	13 <sup>6</sup> 6	19°32	7°18	4°53	20°32	23°17	10°19	6° 5	13° 3	7°D29	8°19	21°18	12°45	W12
T 13	9 32 11	24° 0'19	27° 4	18°20	8°33	5°39	20°41	23°16	10°22	6° 4	13° 3	7°R29	8°16	21°25	12°49	T 13
F 14	9 36 8	25° 1'09	10 <sup>5</sup> 5	17°12	9°48	6°25	20°51	23°15	10°24	6° 3	13° 4	7°28	8°12	21°31	12°53	F 14
S 15	9 40 5	26° 1'58	24°23	16°10	11° 3	7°11	20°59	23°14	10°27	6° 1	13° 4	7°25	8° 9	21°38	12°57	S 15
S 16	9 44 1	27° 2'45	7 <sup>46</sup> 46	15°14	12°18	7°57	21° 8	23°12	10°30	6° 0	13° 4	7°19	8° 6	21°45	13° 1	S 16
M17	9 47 58	28° 3'31	20°56	14°26	13°33	8°42	21°17	23°10	10°32	5°59	13° 5	7°10	8° 3	21°51	13° 5	M17
T 18	9 51 54	29° 4'16	3 <sup>46</sup> 46	13°45	14°48	9°28	21°26	23° 9	10°35	5°58	13° 5	7° 0	8° 0	21°58	13° 9	T 18
W19	9 55 51	0 <sup>4</sup> 4	16°44	13°13	16° 3	10°14	21°34	23° 7	10°38	5°57	13° 6	6°47	7°57	22° 5	13°13	W19
T 20	9 59 47	1° 5'41	29°20	12°49	17°18	10°59	21°42	23° 5	10°41	5°55	13° 6	6°35	7°53	22°11	13°17	T 20
F 21	10 3 44	2° 6'21	11 <sup>44</sup> 44	12°33	18°33	11°45	21°50	23° 3	10°44	5°54	13° 7	6°23	7°50	22°18	13°21	F 21
S 22	10 7 40	3° 7'01	23°55	12°24	19°48	12°31	21°59	23° 1	10°46	5°53	13° 7	6°14	7°47	22°25	13°25	S 22
S 23	10 11 37	4° 7'38	5 <sup>57</sup> 57	12°D24	21° 3	13°16	22° 6	22°59	10°49	5°51	13° 8	6° 7	7°44	22°31	13°29	S 23
M24	10 15 34	5° 8'15	17°50	12°30	22°18	14° 2	22°14	22°56	10°52	5°50	13° 9	6° 2	7°41	22°38	13°33	M24
T 25	10 19 30	6° 8'51	29°37	12°43	23°32	14°47	22°22	22°54	10°55	5°49	13° 9	6° 0	7°37	22°45	13°37	T 25
W26	10 23 27	7° 9'25	11 <sup>24</sup> 24	13° 2	24°47	15°33	22°29	22°52	10°58	5°47	13°10	6°D 0	7°34	22°51	13°41	W26
T 27	10 27 23	8° 9'58	23°15	13°26	26° 2	16°18	22°37	22°49	11° 1	5°46	13°11	6° 1	7°31	22°58	13°45	T 27
F 28	10 31 20	9 <sup>10</sup> 30	5 <sup>14</sup> 14	13 <sup>56</sup> 56	27 <sup>17</sup> 17	17 <sup>3</sup> 3	22 <sup>44</sup> 44	22 <sup>46</sup> 46	11 <sup>4</sup> 4	5 <sup>44</sup> 44	13 <sup>11</sup> 11	6°R 2	7 <sup>28</sup> 28	23 <sup>5</sup> 5	13 <sup>49</sup> 49	F 28

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	17s11	24s21	2s34	10s54	1n17	15s 1	1s27	2s 0	0s38	22s12	0n41	6s43	2n31	3n16	0s41	1s19
S 2	16 54	26 35	3 27	10 37	1 35	14 36	1 28	1 41	0 38	22 13	0 41	6 43	2 31	3 17	0 41	1 19
M 3	16 37	27 27	4 11	10 24	1 52	14 11	1 28	1 22	0 37	22 14	0 41	6 43	2 31	3 18	0 41	1 18
T 4	16 19	26 45	4 43	10 15	2 10	13 46	1 29	1 3	0 36	22 15	0 41	6 42	2 32	3 19	0 41	1 18
W 5	16 2	24 26	4 59	10 11	2 27	13 21	1 29	0 43	0 35	22 16	0 41	6 42	2 32	3 20	0 41	1 17
T 6	15 43	20 35	4 57	10 11	2 42	12 55	1 29	0 24	0 34	22 16	0 41	6 42	2 32	3 21	0 41	1 17
F 7	15 25	15 27	4 37	10 15	2 57	12 28	1 30	0 5	0 33	22 17	0 41	6 41	2 32	3 22	0 41	1 17
S 8	15 6	9 23	3 59	10 23	3 9	12 2	1 30	0n14	0 32	22 18	0 41	6 41	2 33	3 23	0 41	1 16
S 9	14 47	2 49	3 4	10 36	3 20	11 35	1 30	0 33	0 32	22 19	0 41	6 40	2 33	3 24	0 41	1 16
M10	14 28	3n54	1 58	10 51	3 28	11 7	1 30	0 52	0 31	22 19	0 41	6 40	2 33	3 25	0 41	1 15
T 11	14 8	10 21	0 45	11 9	3 34	10 40	1 30	1 11	0 30	22 20	0 41	6 39	2 34	3 26	0 41	1 15
W12	13 49	16 12	0n30	11 28	3 37	10 12	1 30	1 29	0 29	22 21	0 41	6 38	2 34	3 27	0 41	1 14
T 13	13 29	21 6	1 42	11 50	3 38	9 44	1 30	1 48	0 28	22 21	0 41	6 38	2 34	3 28	0 41	1 14
F 14	13 8	24 45	2 47	12 11	3 36	9 15	1 30	2 7	0 27	22 22	0 41	6 37	2 34	3 29	0 41	1 13
S 15	12 48	26 56	3 42	12 33	3 33	8 47	1 30	2 26	0 27	22 22	0 41	6 36	2 35	3 30	0 41	1 13
S 16	12 27	27 31	4 23	12 55	3 27	8 18	1 29	2 45	0 26	22 23	0 41	6 35	2 35	3 31	0 41	1 12
M17	12 7	26 31	4 50	13 16	3 20	7 49	1 29	3 4	0 25	22 23	0 41	6 34	2 35	3 32	0 41	1 12
T 18	11 46	24 5	5 2	13 36	3 11	7 20	1 28	3 22	0 24	22 24	0 41	6 34	2 35	3 33	0 41	1 11
W19	11 24	20 30	4 58	13 54	3 1	6 50	1 28	3 41	0 23	22 24	0 41	6 33	2 36	3 34	0 41	1 11
T 20	11 3	16 1	4 39	14 11	2 50	6 20	1 27	3 59	0 22	22 25	0 41	6 32	2 36	3 35	0 41	1 10
F 21	10 42	10 57	4 7	14 27	2 39	5 51	1 27	4 18	0 22	22 25	0 41	6 31	2 36	3 37	0 41	1 10
S 22	10 20	5 32	3 25	14 41	2 27	5 21	1 26	4 36	0 21	22 26	0 41	6 30	2 36	3 38	0 41	1 9
S 23	9 58	0s 0	2 33	14 53	2 15	4 51	1 25	4 55	0 20	22 26	0 41	6 29	2 37	3 39	0 41	1 9
M24	9 36	5 30	1 36	15 3	2 2	4 20	1 24	5 13	0 19	22 27	0 42	6 28	2 37	3 40	0 41	1 8
T 25	9 14	10 46	0 34	15 11	1 49	3 50	1 23	5 32	0 18	22 27	0 42	6 27	2 37	3 41	0 41	1 8
W26	8 51	15 40	0s29	15 18	1 37	3 19	1 22	5 50	0 18	22 28	0 42	6 25	2 37	3 42	0 41	1 7
T 27	8 29	20 0	1 31	15 23	1 24	2 49	1 21	6 8	0 17	22 28	0 42	6 24	2 38	3 43	0 41	1 6
F 28	8s 6	23s34	2s30	15s27	1n12	2s18	1s20	6n26	0s16	22s28	0n42	6s23	2n38	3n45	0s41	1s 6

Julian Day Number = 2670721.5, Delta T = 20m12s

Ecliptic obliquity = 23°21'48", Nutation = - 0°00'10"

Ayanamsha: Fagan/Bradley = 33°08'01", Lahiri = 32°15'01"

## ASTRODIENST EPHEMERIS for the year 2600

MARCH 2600

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 35 16	10 <sup>h</sup> 11'01"	17 <sup>h</sup> 27'	14 <sup>h</sup> 31'	28 <sup>h</sup> 32'	17 <sup>h</sup> 49'	22 <sup>h</sup> 51'	22 <sup>h</sup> 44'	11 <sup>h</sup> 7'	5 <sup>h</sup> 43'	13 <sup>h</sup> 12'	6 <sup>h</sup> 2'	7 <sup>h</sup> 25'	23 <sup>h</sup> 11'	13 <sup>h</sup> 53'	S 1
S 2	10 39 13	11 <sup>h</sup> 11'30"	0 <sup>h</sup> 31'	15 <sup>h</sup> 10'	29 <sup>h</sup> 46'	18 <sup>h</sup> 34'	22 <sup>h</sup> 58'	22 <sup>h</sup> 41'	11 <sup>h</sup> 10'	5 <sup>h</sup> 41'	13 <sup>h</sup> 13'	6 <sup>h</sup> 0'	7 <sup>h</sup> 22'	23 <sup>h</sup> 18'	13 <sup>h</sup> 57'	S 2
M 3	10 43 9	12 <sup>h</sup> 11'59"	12 <sup>h</sup> 58'	15 <sup>h</sup> 54'	1 <sup>h</sup> 1'	19 <sup>h</sup> 19'	23 <sup>h</sup> 5'	22 <sup>h</sup> 38'	11 <sup>h</sup> 13'	5 <sup>h</sup> 40'	13 <sup>h</sup> 13'	5 <sup>h</sup> 56'	7 <sup>h</sup> 18'	23 <sup>h</sup> 24'	14 <sup>h</sup> 1'	M 3
T 4	10 47 6	13 <sup>h</sup> 12'26"	26 <sup>h</sup> 22'	16 <sup>h</sup> 41'	2 <sup>h</sup> 16'	20 <sup>h</sup> 5'	23 <sup>h</sup> 12'	22 <sup>h</sup> 35'	11 <sup>h</sup> 16'	5 <sup>h</sup> 38'	13 <sup>h</sup> 14'	5 <sup>h</sup> 49'	7 <sup>h</sup> 15'	23 <sup>h</sup> 31'	14 <sup>h</sup> 5'	T 4
W 5	10 51 3	14 <sup>h</sup> 12'51"	10 <sup>h</sup> 14'	17 <sup>h</sup> 31'	3 <sup>h</sup> 30'	20 <sup>h</sup> 50'	23 <sup>h</sup> 18'	22 <sup>h</sup> 32'	11 <sup>h</sup> 19'	5 <sup>h</sup> 37'	13 <sup>h</sup> 15'	5 <sup>h</sup> 42'	7 <sup>h</sup> 12'	23 <sup>h</sup> 38'	14 <sup>h</sup> 9'	W 5
T 6	10 54 59	15 <sup>h</sup> 13'16"	24 <sup>h</sup> 32'	18 <sup>h</sup> 25'	4 <sup>h</sup> 45'	21 <sup>h</sup> 35'	23 <sup>h</sup> 25'	22 <sup>h</sup> 29'	11 <sup>h</sup> 23'	5 <sup>h</sup> 35'	13 <sup>h</sup> 16'	5 <sup>h</sup> 33'	7 <sup>h</sup> 9'	23 <sup>h</sup> 44'	14 <sup>h</sup> 13'	T 6
F 7	10 58 56	16 <sup>h</sup> 13'38"	9 <sup>h</sup> 12'	19 <sup>h</sup> 22'	5 <sup>h</sup> 59'	22 <sup>h</sup> 20'	23 <sup>h</sup> 31'	22 <sup>h</sup> 25'	11 <sup>h</sup> 26'	5 <sup>h</sup> 34'	13 <sup>h</sup> 16'	5 <sup>h</sup> 25'	7 <sup>h</sup> 6'	23 <sup>h</sup> 51'	14 <sup>h</sup> 17'	F 7
S 8	11 2 52	17 <sup>h</sup> 13'59"	24 <sup>h</sup> 7'	20 <sup>h</sup> 22'	7 <sup>h</sup> 14'	23 <sup>h</sup> 5'	23 <sup>h</sup> 37'	22 <sup>h</sup> 22'	11 <sup>h</sup> 29'	5 <sup>h</sup> 32'	13 <sup>h</sup> 17'	5 <sup>h</sup> 18'	7 <sup>h</sup> 2'	23 <sup>h</sup> 58'	14 <sup>h</sup> 21'	S 8
S 9	11 6 49	18 <sup>h</sup> 14'18"	9 <sup>h</sup> 6'	21 <sup>h</sup> 24'	8 <sup>h</sup> 28'	23 <sup>h</sup> 50'	23 <sup>h</sup> 43'	22 <sup>h</sup> 19'	11 <sup>h</sup> 32'	5 <sup>h</sup> 31'	13 <sup>h</sup> 18'	5 <sup>h</sup> 13'	6 <sup>h</sup> 59'	24 <sup>h</sup> 4'	14 <sup>h</sup> 25'	S 9
M10	11 10 45	19 <sup>h</sup> 14'36"	24 <sup>h</sup> 3'	22 <sup>h</sup> 29'	9 <sup>h</sup> 43'	24 <sup>h</sup> 35'	23 <sup>h</sup> 49'	22 <sup>h</sup> 15'	11 <sup>h</sup> 35'	5 <sup>h</sup> 29'	13 <sup>h</sup> 19'	5 <sup>h</sup> 11'	6 <sup>h</sup> 56'	24 <sup>h</sup> 11'	14 <sup>h</sup> 29'	M10
T 11	11 14 42	20 <sup>h</sup> 14'51"	8 <sup>h</sup> 48'	23 <sup>h</sup> 36'	10 <sup>h</sup> 57'	25 <sup>h</sup> 20'	23 <sup>h</sup> 54'	22 <sup>h</sup> 12'	11 <sup>h</sup> 39'	5 <sup>h</sup> 28'	13 <sup>h</sup> 20'	5 <sup>h</sup> 10'	6 <sup>h</sup> 53'	24 <sup>h</sup> 18'	14 <sup>h</sup> 33'	T 11
W12	11 18 38	21 <sup>h</sup> 15'05"	23 <sup>h</sup> 17'	24 <sup>h</sup> 45'	12 <sup>h</sup> 12'	26 <sup>h</sup> 5'	24 <sup>h</sup> 0'	22 <sup>h</sup> 8'	11 <sup>h</sup> 42'	5 <sup>h</sup> 26'	13 <sup>h</sup> 21'	5 <sup>h</sup> 11'	6 <sup>h</sup> 50'	24 <sup>h</sup> 24'	14 <sup>h</sup> 37'	W12
T 13	11 22 35	22 <sup>h</sup> 15'16"	7 <sup>h</sup> 12'	25 <sup>h</sup> 56'	13 <sup>h</sup> 26'	26 <sup>h</sup> 50'	24 <sup>h</sup> 5'	22 <sup>h</sup> 4'	11 <sup>h</sup> 45'	5 <sup>h</sup> 24'	13 <sup>h</sup> 22'	5 <sup>h</sup> 13'	6 <sup>h</sup> 47'	24 <sup>h</sup> 31'	14 <sup>h</sup> 41'	T 13
F 14	11 26 32	23 <sup>h</sup> 15'26"	21 <sup>h</sup> 15'	27 <sup>h</sup> 10'	14 <sup>h</sup> 41'	27 <sup>h</sup> 35'	24 <sup>h</sup> 10'	22 <sup>h</sup> 1'	11 <sup>h</sup> 48'	5 <sup>h</sup> 23'	13 <sup>h</sup> 23'	5 <sup>h</sup> 13'	6 <sup>h</sup> 43'	24 <sup>h</sup> 38'	14 <sup>h</sup> 45'	F 14
S 15	11 30 28	24 <sup>h</sup> 15'33"	4 <sup>h</sup> 24'	28 <sup>h</sup> 24'	15 <sup>h</sup> 55'	28 <sup>h</sup> 20'	24 <sup>h</sup> 15'	21 <sup>h</sup> 57'	11 <sup>h</sup> 52'	5 <sup>h</sup> 21'	13 <sup>h</sup> 24'	5 <sup>h</sup> 13'	6 <sup>h</sup> 40'	24 <sup>h</sup> 44'	14 <sup>h</sup> 49'	S 15
S 16	11 34 25	25 <sup>h</sup> 15'39"	17 <sup>h</sup> 57'	29 <sup>h</sup> 41'	17 <sup>h</sup> 9'	29 <sup>h</sup> 4'	24 <sup>h</sup> 20'	21 <sup>h</sup> 53'	11 <sup>h</sup> 55'	5 <sup>h</sup> 20'	13 <sup>h</sup> 25'	5 <sup>h</sup> 11'	6 <sup>h</sup> 37'	24 <sup>h</sup> 51'	14 <sup>h</sup> 53'	S 16
M17	11 38 21	26 <sup>h</sup> 15'42"	0 <sup>h</sup> 53'	0 <sup>h</sup> 59'	18 <sup>h</sup> 23'	29 <sup>h</sup> 49'	24 <sup>h</sup> 24'	21 <sup>h</sup> 49'	11 <sup>h</sup> 58'	5 <sup>h</sup> 18'	13 <sup>h</sup> 26'	5 <sup>h</sup> 6'	6 <sup>h</sup> 34'	24 <sup>h</sup> 58'	14 <sup>h</sup> 57'	M17
T 18	11 42 18	27 <sup>h</sup> 15'43"	13 <sup>h</sup> 35'	2 <sup>h</sup> 19'	19 <sup>h</sup> 38'	0 <sup>h</sup> 34'	24 <sup>h</sup> 29'	21 <sup>h</sup> 45'	12 <sup>h</sup> 2'	5 <sup>h</sup> 16'	13 <sup>h</sup> 27'	5 <sup>h</sup> 1'	6 <sup>h</sup> 31'	25 <sup>h</sup> 4'	15 <sup>h</sup> 1'	T 18
W19	11 46 14	28 <sup>h</sup> 15'42"	26 <sup>h</sup> 4'	3 <sup>h</sup> 40'	20 <sup>h</sup> 52'	1 <sup>h</sup> 18'	24 <sup>h</sup> 33'	21 <sup>h</sup> 41'	12 <sup>h</sup> 5'	5 <sup>h</sup> 15'	13 <sup>h</sup> 28'	4 <sup>h</sup> 54'	6 <sup>h</sup> 28'	25 <sup>h</sup> 11'	15 <sup>h</sup> 5'	W19
T 20	11 50 11	29 <sup>h</sup> 15'39"	8 <sup>h</sup> 23'	5 <sup>h</sup> 3'	2 <sup>h</sup> 3'	2 <sup>h</sup> 3'	24 <sup>h</sup> 37'	21 <sup>h</sup> 37'	12 <sup>h</sup> 8'	5 <sup>h</sup> 13'	13 <sup>h</sup> 29'	4 <sup>h</sup> 48'	6 <sup>h</sup> 24'	25 <sup>h</sup> 17'	15 <sup>h</sup> 9'	T 20
F 21	11 54 7	0 <sup>h</sup> 15'34"	20 <sup>h</sup> 32'	6 <sup>h</sup> 28'	23 <sup>h</sup> 20'	2 <sup>h</sup> 47'	24 <sup>h</sup> 41'	21 <sup>h</sup> 33'	12 <sup>h</sup> 12'	5 <sup>h</sup> 11'	13 <sup>h</sup> 30'	4 <sup>h</sup> 41'	6 <sup>h</sup> 21'	25 <sup>h</sup> 24'	15 <sup>h</sup> 13'	F 21
S 22	11 58 4	1 <sup>h</sup> 15'27"	2 <sup>h</sup> 32'	7 <sup>h</sup> 53'	24 <sup>h</sup> 34'	3 <sup>h</sup> 32'	24 <sup>h</sup> 45'	21 <sup>h</sup> 28'	12 <sup>h</sup> 15'	5 <sup>h</sup> 10'	13 <sup>h</sup> 31'	4 <sup>h</sup> 36'	6 <sup>h</sup> 18'	25 <sup>h</sup> 31'	15 <sup>h</sup> 17'	S 22
S 23	12 2 0	2 <sup>h</sup> 15'19"	14 <sup>h</sup> 27'	9 <sup>h</sup> 20'	25 <sup>h</sup> 48'	4 <sup>h</sup> 16'	24 <sup>h</sup> 49'	21 <sup>h</sup> 24'	12 <sup>h</sup> 18'	5 <sup>h</sup> 8'	13 <sup>h</sup> 32'	4 <sup>h</sup> 33'	6 <sup>h</sup> 15'	25 <sup>h</sup> 37'	15 <sup>h</sup> 21'	S 23
M24	12 5 57	3 <sup>h</sup> 15'08"	26 <sup>h</sup> 16'	10 <sup>h</sup> 49'	27 <sup>h</sup> 2'	5 <sup>h</sup> 1'	24 <sup>h</sup> 52'	21 <sup>h</sup> 20'	12 <sup>h</sup> 22'	5 <sup>h</sup> 6'	13 <sup>h</sup> 33'	4 <sup>h</sup> 31'	6 <sup>h</sup> 12'	25 <sup>h</sup> 44'	15 <sup>h</sup> 25'	M24
T 25	12 9 54	4 <sup>h</sup> 14'56"	8 <sup>h</sup> 13'	12 <sup>h</sup> 18'	28 <sup>h</sup> 16'	5 <sup>h</sup> 45'	24 <sup>h</sup> 55'	21 <sup>h</sup> 16'	12 <sup>h</sup> 25'	5 <sup>h</sup> 5'	13 <sup>h</sup> 34'	4 <sup>h</sup> 31'	6 <sup>h</sup> 8'	25 <sup>h</sup> 51'	15 <sup>h</sup> 29'	T 25
W26	12 13 50	5 <sup>h</sup> 14'41"	19 <sup>h</sup> 51'	13 <sup>h</sup> 49'	29 <sup>h</sup> 30'	6 <sup>h</sup> 29'	24 <sup>h</sup> 58'	21 <sup>h</sup> 11'	12 <sup>h</sup> 29'	5 <sup>h</sup> 3'	13 <sup>h</sup> 35'	4 <sup>h</sup> 32'	6 <sup>h</sup> 5'	25 <sup>h</sup> 57'	15 <sup>h</sup> 33'	W26
T 27	12 17 47	6 <sup>h</sup> 14'26"	1 <sup>h</sup> 43'	15 <sup>h</sup> 22'	0 <sup>h</sup> 43'	7 <sup>h</sup> 14'	25 <sup>h</sup> 1'	21 <sup>h</sup> 7'	12 <sup>h</sup> 32'	5 <sup>h</sup> 1'	13 <sup>h</sup> 36'	4 <sup>h</sup> 33'	6 <sup>h</sup> 2'	26 <sup>h</sup> 4'	15 <sup>h</sup> 37'	T 27
F 28	12 21 43	7 <sup>h</sup> 14'08"	13 <sup>h</sup> 43'	16 <sup>h</sup> 55'	1 <sup>h</sup> 57'	7 <sup>h</sup> 58'	25 <sup>h</sup> 4'	21 <sup>h</sup> 2'	12 <sup>h</sup> 35'	5 <sup>h</sup> 0'	13 <sup>h</sup> 37'	4 <sup>h</sup> 35'	5 <sup>h</sup> 59'	26 <sup>h</sup> 11'	15 <sup>h</sup> 41'	F 28
S 29	12 25 40	8 <sup>h</sup> 13'49"	25 <sup>h</sup> 56'	18 <sup>h</sup> 30'	3 <sup>h</sup> 11'	8 <sup>h</sup> 42'	25 <sup>h</sup> 7'	20 <sup>h</sup> 58'	12 <sup>h</sup> 39'	4 <sup>h</sup> 58'	13 <sup>h</sup> 38'	4 <sup>h</sup> 36'	5 <sup>h</sup> 56'	26 <sup>h</sup> 17'	15 <sup>h</sup> 44'	S 29
S 30	12 29 36	9 <sup>h</sup> 13'28"	8 <sup>h</sup> 27'	20 <sup>h</sup> 6'	4 <sup>h</sup> 25'	9 <sup>h</sup> 26'	25 <sup>h</sup> 9'	20 <sup>h</sup> 53'	12 <sup>h</sup> 42'	4 <sup>h</sup> 56'	13 <sup>h</sup> 39'	4 <sup>h</sup> 37'	5 <sup>h</sup> 53'	26 <sup>h</sup> 24'	15 <sup>h</sup> 48'	S 30
M31	12 33 33	10 <sup>h</sup> 13'05"	21 <sup>h</sup> 31'	21 <sup>h</sup> 43'	5 <sup>h</sup> 38'	10 <sup>h</sup> 31'	25 <sup>h</sup> 11'	20 <sup>h</sup> 49'	12 <sup>h</sup> 46'	4 <sup>h</sup> 55'	13 <sup>h</sup> 41'	4 <sup>h</sup> 37'	5 <sup>h</sup> 49'	26 <sup>h</sup> 31'	15 <sup>h</sup> 52'	M31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	7s44	26s 9	3s24	15s28	1n 0	1s48	1s19	6n44	0s15	22s29	0n42	6s22	2n38	3n46	0s40	1s 5	1n17	0n 7	16s21	13n29	13n56	7s48	2s 2	4n39	
S 2	7 21	27 31	4 9	15 28	0 48	1 17	1 18	7 2	0 14	22 29	0 42	6 21	2 38	3 47	0 40	1 5	1 17	0 8	16 21	13 29	13 55	7 51	2 0	4 39	
M 3	6 58	27 26	4 43	15 27	0 36	0 46	1 16	7 20	0 14	22 29	0 42	6 19	2 38	3 48	0 40	1 4	1 17	0 8	16 20	13 27	13 54	7 55	1 59	4 39	
T 4	6 35	25 46	5 3	15 24	0 25	0 15	1 15	7 38	0 13	22 30	0 42	6 18	2 39	3 50	0 40	1 3	1 17	0 9	16 20	13 25	13 53	7 58	1 57	4 39	
W 5	6 12	22 32	5 6	15 19	0 14	0n16	1 14	7 55	0 12	22 30	0 42	6 17	2 39	3 51	0 40	1 3	1 17	0 9	16 20	13 23	13 52	8 1	1 56	4 38	
T 6	5 48	17 52	4 50	15 13	0 3	0 47	1 12	8 13	0 11	22 30	0 42	6 15	2 39	3 52	0 40	1 2	1 17	0 10	16 19	13 20	13 51	8 4	1 54	4 38	
F 7	5 25	12 2	4 16	15 5	0s 7	1 18	1 10	8 30	0 10	22 30	0 42	6 14	2 39	3 53	0 40	1 1	1 17	0 10	16 19	13 17	13 50	8 8	1 53	4 38	
S 8	5 2	5 26	3 23	14 56	0 17	1 48	1 9	8 48	0 10	22 31	0 42	6 13	2 40	3 55	0 40	1 1	1 17	0 11	16 19	13 15	13 49	8 11	1 51	4 38	
S 9	4 38	1n31	2 16	14 45	0 27	2 19	1 7	9 5	0 9	22 31	0 42	6 11	2 40	3 56	0 40	1 0	1 17	0 11	16 19	13 13	13 48	8 14	1 50	4 38	
M10	4 15	8 22	1 0	14 33	0 36	2 50	1 5	9 22	0 8	22 31	0 42	6 10	2 40	3 57	0 40	1 0	1 17	0 12	16 18	13 12	13 47	8 17	1 48	4 38	
T 11	3 51	14 42	0n20	14 19	0 45	3 21	1 4	9 39	0 7	22 31	0 42	6 8	2 40	3 58	0 40	0 59	1 17	0 12	16 18	13 12	13 46	8 21	1 47	4 38	
W12	3 27	20 5	1 37	14 4	0 54	3 51	1 2	9 56	0 7	22 32	0 42	6 7	2 40	4 0	0 40	0 58	1 17	0 13	16 18	13 13	13 45	8 24	1 45	4 38	
T 13	3 4	24 12	2 46	13 48	1 2	4 22	1 0	10 13	0 6	22 32	0 42	6 5	2 40	4 1	0 40	0 58	1 17	0 13	16 17	13 13	13 44	8 27	1 44	4 38	
F 14	2 40	26 48	3 44	13 31	1 10	4 53	0 58	10 30	0 5	22 32	0 42	6 4	2 41	4 2	0 40	0 57	1 17	0 14	16 17	13 13	13 43	8 30	1 42	4 38	
S 15	2 16	27 44	4 28	13 12	1 17	5 23	0 56	10 47	0 4	22 32	0 42	6 2	2 41	4 3	0 40	0 56	1 17	0 14	16 17	13 13	13 42	8 34	1 41	4 38	
S 16	1 53	27 4	4 57	12 52	1 24	5 53	0 54	11 3	0 4	22 32	0 42	6 0	2 41	4 5	0 40	0 56	1 17	0 15	16 17	13 12	13 41	8 37	1 39	4 38	
M17	1 29	24 56	5 10	12 30	1 31	6 23	0 52	11 20	0 3	22 32	0 42	5 59	2 41	4 6	0 40	0 55	1 17	0 15	16 16	13 11	13 40	8 40	1 38	4 38	
T 18	1 5	21 35	5 7	12 7	1 37	6 53	0 50	11 36	0 2	22 33	0 42	5 57	2 41	4 7	0 40	0 54	1 17	0 16	16 16	13 9	13 39	8 43	1 36	4 38	
W19	0 41	17 20	4 50	11 43	1 43	7 23	0 47	11 52	0 1	22 33	0 42	5 56	2 41	4 9	0 40	0 54	1 17	0 16	16 16	13 7	13 38	8 46	1 35	4 38	
T 20	0 18	12 24	4 19	11 18	1 48	7 53	0 45	12 8	0 1	22 33	0 42	5 54	2 42	4 10	0 40	0 53	1 17	0 17	16 16	13 5	13 37	8 50	1 33	4 38	
F 21	0n 6	7 4	3 37	10 52	1 53	8 22	0 43	12 24	0n 0	22 33	0 42	5 52	2 42	4 11	0 40	0 52	1 17	0 17	16 15	13 3	13 36	8 53	1 32	4 38	
S 22	0 30	1 32	2 46	10 24	1 57	8 52	0 40	12 40	0 1	22 33	0 42	5 51	2 42	4 13	0 40	0 52	1 17	0 18	16 15	13 1	13 35	8 56	1 30	4 38	
S 23	0 54	4s 1	1 48	9 55	2 2	9 21	0 38	12 56	0 2	22 33	0 43	5 49	2 42	4 14	0 40	0 51	1 17	0 18	16 15	13 0	13 34	8 59	1 29	4 38	
M24	1 17	9 24	0 45	9 25	2 5	9 50	0 36	13 11	0 2	22 33	0 43	5 47	2 42	4 15	0 40	0 50	1 17	0 19	16 15	12 59	13 33	9 3	1 27	4 38	
T 25	1 41	14 27	0s19	8 54	2 9	10 18	0 33	13 27	0 3	22 33	0 43	5 46	2 42	4 17	0 40	0 50	1 17	0 19	16 14	12 59	13 32	9 6	1 26	4 38	
W26	2 5	18 59	1 23	8 22	2 12	10 47	0 31	13 42	0 4	22 33	0 43	5 44	2 42	4 18	0 40	0 49	1 17	0 20	16 14	12 59	13 31	9 9	1 24	4 38	
T 27	2 28	22 47	2 24	7 49	2 14	11 15	0 28	13 57	0 4	22 34	0 43	5 42	2 42	4 19	0 40	0 48	1 17	0 21	16 14	13 0	13 29	9 12	1 23	4 38	
F 28	2 52	25 40	3 19	7 14	2 16	11 43	0 25	14 12	0 5	22 34	0 43	5 40	2 42	4 21	0 40	0 48	1 17	0 21	16 14	13 1	13 28	9 15	1 21	4 38	
S 29	3 15	27 24	4 6	6 39	2 18	12 11	0 23	14 27	0 6	22 34	0 43	5 39	2 43	4 22	0 40	0 47	1 17	0 22	16 14	13 1	13 27	9 19	1 20	4 38	
S 30	3 39	27 48	4 43	6 2	2 19	12 38	0 20	14 42	0 7	22 34	0 43	5 37	2 43	4 23	0 40	0 46	1 17	0 22	16 13	13 1	13 26	9 22	1 18	4 38	
M31	4n 2	26s44	5s 7	5s25	2s20	13n 5	0s17	14n56	0n 7	22s34	0n43	5s35	2n43	4n25	0s40	0s46	1n17	0n23	16s13	13n 1	13n25	9s25	1s17	4n38	

# ASTRODIENST EPHEMERIS for the year 2600

APRIL 2600

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 37 29	11°12'41"	4°37'	23°22'	6°52'	10°54'	25°13'	20°R44	12°49'	4°R53	13°42'	4°R35	5°46'	26°37'	15°56'	T 1
W 2	12 41 26	12°12'15"	18°22'	25° 2'	8° 6'	11°38'	25°15'	20°44'	12°53'	4°51'	13°43'	4°33'	5°43'	26°44'	15°59'	W 2
T 3	12 45 23	13°11'47"	2°35'	26°43'	9°19'	12°22'	25°17'	20°35'	12°56'	4°50'	13°44'	4°30'	5°40'	26°51'	16° 3'	T 3
F 4	12 49 19	14°11'17"	17°14'	28°26'	10°33'	13° 6'	25°18'	20°30'	12°59'	4°48'	13°45'	4°27'	5°37'	26°57'	16° 7'	F 4
S 5	12 53 16	15°10'46"	2°12'	0°10'	11°46'	13°50'	25°19'	20°26'	13° 3'	4°47'	13°47'	4°24'	5°34'	27° 4'	16°10'	S 5
S 6	12 57 12	16°10'12"	17°21'	1°55'	12°59'	14°34'	25°20'	20°21'	13° 6'	4°45'	13°48'	4°23'	5°30'	27°10'	16°14'	S 6
M 7	13 1 9	17° 9'37"	2°33'	3°41'	14°13'	15°17'	25°21'	20°16'	13°10'	4°43'	13°49'	4°D22	5°27'	27°17'	16°18'	M 7
T 8	13 5 5	18° 8'59"	17°36'	5°29'	15°26'	16° 1'	25°22'	20°12'	13°13'	4°42'	13°50'	4°23'	5°24'	27°24'	16°21'	T 8
W 9	13 9 2	19° 8'20"	2°12'	7°19'	16°39'	16°45'	25°22'	20° 7'	13°17'	4°40'	13°52'	4°23'	5°21'	27°30'	16°25'	W 9
T 10	13 12 58	20° 7'38"	16°51'	9° 9'	17°52'	17°28'	25°23'	20° 2'	13°20'	4°38'	13°53'	4°25'	5°18'	27°37'	16°28'	T 10
F 11	13 16 55	21° 6'54"	0°53'	11° 1'	19° 6'	18°12'	25°R23	19°58'	13°23'	4°37'	13°54'	4°26'	5°14'	27°44'	16°32'	F 11
S 12	13 20 52	22° 6'08"	14°30'	12°54'	20°19'	18°56'	25°23'	19°53'	13°27'	4°35'	13°55'	4°26'	5°11'	27°50'	16°35'	S 12
S 13	13 24 48	23° 5'19"	27°44'	14°49'	21°32'	19°39'	25°23'	19°48'	13°30'	4°34'	13°57'	4°R26	5° 8'	27°57'	16°39'	S 13
M14	13 28 45	24° 4'28"	10°35'	16°45'	22°45'	20°22'	25°22'	19°44'	13°34'	4°32'	13°58'	4°26'	5° 5'	28° 4'	16°42'	M14
T 15	13 32 41	25° 3'34"	23° 8'	18°43'	23°58'	21° 6'	25°21'	19°39'	13°37'	4°31'	13°59'	4°25'	5° 2'	28°10'	16°46'	T 15
W16	13 36 38	26° 2'39"	5°12'	20°41'	25°11'	21°49'	25°21'	19°34'	13°40'	4°29'	14° 1'	4°24'	4°59'	28°17'	16°49'	W16
T 17	13 40 34	27° 1'41"	17°34'	22°41'	26°23'	22°32'	25°20'	19°30'	13°44'	4°28'	14° 2'	4°23'	4°55'	28°24'	16°52'	T 17
F 18	13 44 31	28° 0'41"	29°32'	24°43'	27°36'	23°16'	25°18'	19°25'	13°47'	4°26'	14° 3'	4°22'	4°52'	28°30'	16°56'	F 18
S 19	13 48 27	28°59'39"	11°24'	26°45'	28°49'	23°59'	25°17'	19°20'	13°50'	4°25'	14° 5'	4°21'	4°49'	28°37'	16°59'	S 19
S 20	13 52 24	29°58'34"	23°13'	28°48'	0°11'	24°42'	25°16'	19°16'	13°54'	4°23'	14° 6'	4°21'	4°46'	28°44'	17° 2'	S 20
M21	13 56 21	0°57'28"	5°11'	0°53'	1°14'	25°25'	25°14'	19°11'	13°57'	4°22'	14° 7'	4°D21	4°43'	28°50'	17° 5'	M21
T 22	14 0 17	1°56'20"	16°49'	2°58'	2°27'	26° 8'	25°12'	19° 7'	14° 0'	4°20'	14° 9'	4°21'	4°39'	28°57'	17° 8'	T 22
W23	14 4 14	2°55'10"	28°41'	5° 4'	3°39'	26°51'	25°10'	19° 2'	14° 4'	4°19'	14°10'	4°21'	4°36'	29° 3'	17°11'	W23
T 24	14 8 10	3°53'58"	10°39'	7°10'	4°51'	27°34'	25° 8'	18°58'	14° 7'	4°17'	14°11'	4°R21	4°33'	29°10'	17°14'	T 24
F 25	14 12 7	4°52'45"	22°46'	9°17'	6° 4'	28°17'	25° 5'	18°53'	14°10'	4°16'	14°13'	4°21'	4°30'	29°17'	17°17'	F 25
S 26	14 16 3	5°51'29"	5° 4'	11°24'	7°16'	29° 0'	25° 2'	18°49'	14°13'	4°15'	14°14'	4°21'	4°27'	29°23'	17°20'	S 26
S 27	14 20 0	6°50'12"	17°37'	13°30'	8°28'	29°43'	25° 0'	18°45'	14°17'	4°13'	14°15'	4°21'	4°24'	29°30'	17°23'	S 27
M28	14 23 56	7°48'54"	0°28'	15°36'	9°40'	0°12'	24°57'	18°40'	14°20'	4°12'	14°17'	4°21'	4°20'	29°37'	17°26'	M28
T 29	14 27 53	8°47'33"	13°41'	17°41'	10°53'	1° 8'	24°53'	18°36'	14°23'	4°11'	14°18'	4°D21	4°17'	29°43'	17°29'	T 29
W30	14 31 50	9°46'11"	27°17'	19°45'	12°11'	1°11'	24°50'	18°32'	14°26'	4°11'	14°20'	4°21'	4°14'	29°50'	17°32'	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	4n25	24s 9	5s15	4s46	2s20	13n32	0s15	15n11	0n 8	22s34	0n43	5s33	2n43	4n26	0s40	0s45
W 2	4 49	20 7	5 6	4 6	2 20	13 58	0 12	15 25	0 9	22 34	0 43	5 31	2 43	4 27	0 40	0 44
T 3	5 12	14 51	4 38	3 26	2 19	14 24	0 9	15 39	0 9	22 34	0 43	5 30	2 43	4 29	0 40	0 44
F 4	5 35	8 35	3 52	2 44	2 18	14 50	0 6	15 53	0 10	22 34	0 43	5 28	2 43	4 30	0 40	0 43
S 5	5 58	1 43	2 49	2 1	2 16	15 16	0 4	16 7	0 11	22 34	0 43	5 26	2 43	4 31	0 40	0 42
S 6	6 20	5n22	1 33	1 18	2 14	15 41	0 1	16 20	0 11	22 34	0 43	5 24	2 43	4 33	0 40	0 42
M 7	6 43	12 10	0 10	0 33	2 12	16 5	0n 2	16 34	0 12	22 34	0 43	5 23	2 43	4 34	0 40	0 41
T 8	7 6	18 12	1n13	0n12	2 9	16 29	0 5	16 47	0 13	22 34	0 43	5 21	2 43	4 35	0 40	0 41
W 9	7 28	23 1	2 29	0 58	2 5	16 53	0 8	17 0	0 13	22 34	0 43	5 19	2 43	4 37	0 40	0 40
T 10	7 51	26 16	3 34	1 46	2 1	17 17	0 11	17 13	0 14	22 34	0 43	5 17	2 43	4 38	0 40	0 39
F 11	8 13	27 46	4 25	2 34	1 57	17 40	0 14	17 26	0 15	22 34	0 43	5 15	2 43	4 39	0 40	0 39
S 12	8 35	27 31	4 58	3 22	1 51	18 2	0 17	17 38	0 15	22 34	0 43	5 14	2 43	4 41	0 40	0 38
S 13	8 57	25 42	5 15	4 12	1 46	18 24	0 19	17 51	0 16	22 34	0 43	5 12	2 43	4 42	0 40	0 37
M14	9 19	22 35	5 15	5 2	1 40	18 46	0 22	18 3	0 17	22 34	0 43	5 10	2 43	4 43	0 40	0 37
T 15	9 40	18 29	5 0	5 52	1 33	19 7	0 25	18 15	0 17	22 34	0 43	5 8	2 43	4 44	0 40	0 36
W16	10 2	13 42	4 32	6 43	1 26	19 27	0 28	18 27	0 18	22 34	0 43	5 7	2 43	4 46	0 40	0 36
T 17	10 23	8 27	3 52	7 35	1 19	19 47	0 31	18 39	0 19	22 34	0 43	5 5	2 43	4 47	0 40	0 35
F 18	10 44	2 58	3 2	8 27	1 11	20 7	0 34	18 50	0 19	22 33	0 43	5 3	2 43	4 48	0 40	0 34
S 19	11 5	2s35	2 4	9 19	1 2	20 26	0 37	19 2	0 20	22 33	0 43	5 2	2 43	4 50	0 40	0 34
S 20	11 26	8 2	1 1	10 11	0 53	20 45	0 40	19 13	0 20	22 33	0 43	5 0	2 43	4 51	0 40	0 33
M21	11 46	13 12	0s 4	11 3	0 44	21 3	0 43	19 24	0 21	22 33	0 43	4 58	2 43	4 52	0 40	0 33
T 22	12 7	17 54	1 9	11 55	0 35	21 20	0 46	19 35	0 22	22 33	0 43	4 57	2 43	4 53	0 40	0 32
W23	12 27	21 56	2 11	12 47	0 25	21 37	0 49	19 45	0 22	22 33	0 43	4 55	2 43	4 55	0 40	0 32
T 24	12 47	25 5	3 8	13 38	0 14	21 53	0 52	19 56	0 23	22 33	0 44	4 53	2 43	4 56	0 40	0 31
F 25	13 6	27 8	3 58	14 29	0 4	22 9	0 55	20 6	0 23	22 33	0 44	4 52	2 43	4 57	0 40	0 31
S 26	13 26	27 53	4 37	15 19	0n 7	22 24	0 57	20 16	0 24	22 33	0 44	4 50	2 43	4 58	0 40	0 30
S 27	13 45	27 14	5 4	16 8	0 18	22 38	1 0	20 26	0 25	22 33	0 44	4 49	2 43	5 0	0 40	0 30
M28	14 4	25 9	5 17	16 55	0 29	22 52	1 3	20 35	0 25	22 33	0 44	4 47	2 43	5 1	0 40	0 29
T 29	14 23	21 40	5 14	17 41	0 40	23 5	1 6	20 45	0 26	22 32	0 44	4 46	2 43	5 2	0 40	0 29
W30	14n42	16s57	4s53	18n26	0n50	23n18	1n 9	20n54	0n26	22s32	0n44	4s44	2n42	5n 3	0s40	0s28

Julian Day Number = 2670780.5, Delta T = 20m13s  
 Ecliptic obliquity = 23°21'49", Nutation = - 0°00'10"  
 Ayanamsha: Fagan/Bradley = 33°08'09", Lahiri = 32°15'09"

## ASTRODIENST EPHEMERIS for the year 2600

MAY 2600

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 35 46	10♈44'48	11♋18	21♊47	13♏17	2♏33	24°R47	18°R28	14°Y29	4°R 8	14♌21	4♌21	4♌11	29♎57	17♋35	T 1
F 2	14 39 43	11°43'22	25°43	23°47	14°28	3°16	24♌43	18♎24	14°32	4♌ 7	14°22	4°22	4° 8	0♏ 3	17°38	F 2
S 3	14 43 39	12°41'55	10°Y29	25°46	15°40	3°58	24°39	18°20	14°36	4° 6	14°24	4°22	4° 5	0°10	17°40	S 3
S 4	14 47 36	13°40'27	25°31	27°41	16°52	4°41	24°35	18°15	14°39	4° 4	14°25	4°23	4° 1	0°17	17°43	S 4
M 5	14 51 32	14°38'56	10♈41	29°34	18° 4	5°23	24°31	18°12	14°42	4° 3	14°26	4°R23	3°58	0°23	17°45	M 5
T 6	14 55 29	15°37'24	25°48	1♏24	19°15	6° 6	24°26	18° 8	14°45	4° 2	14°28	4°22	3°55	0°30	17°48	T 6
W 7	14 59 25	16°35'50	10♏46	3°11	20°27	6°48	24°22	18° 4	14°48	4° 1	14°29	4°21	3°52	0°36	17°51	W 7
T 8	15 3 22	17°34'15	25°24	4°55	21°39	7°30	24°17	18° 0	14°51	4° 0	14°31	4°20	3°49	0°43	17°53	T 8
F 9	15 7 19	18°32'37	9♎38	6°34	22°50	8°13	24°12	17°56	14°54	3°59	14°32	4°18	3°45	0°50	17°55	F 9
S 10	15 11 15	19°30'57	23°26	8°10	24° 1	8°55	24° 7	17°53	14°57	3°58	14°33	4°16	3°42	0°56	17°58	S 10
S 11	15 15 12	20°29'15	6♏46	9°42	25°13	9°37	24° 2	17°49	15° 0	3°57	14°35	4°15	3°39	1° 3	18° 0	S 11
M12	15 19 8	21°27'31	19°40	11°10	26°24	10°19	23°57	17°46	15° 3	3°56	14°36	4°D15	3°36	1°10	18° 2	M12
T 13	15 23 5	22°25'45	2♏13	12°34	27°35	11° 1	23°52	17°42	15° 6	3°55	14°37	4°15	3°33	1°16	18° 5	T 13
W14	15 27 1	23°23'57	14°28	13°54	28°46	11°43	23°46	17°39	15° 9	3°54	14°39	4°16	3°30	1°23	18° 7	W14
T 15	15 30 58	24°22'07	26°30	15° 9	29°57	12°25	23°40	17°36	15°11	3°53	14°40	4°18	3°26	1°30	18° 9	T 15
F 16	15 34 54	25°20'15	8♎23	16°21	1♎ 8	13° 7	23°35	17°32	15°14	3°52	14°41	4°19	3°23	1°36	18°11	F 16
S 17	15 38 51	26°18'21	20°11	17°27	2°19	13°49	23°29	17°29	15°17	3°51	14°43	4°20	3°20	1°43	18°13	S 17
S 18	15 42 48	27°16'26	1♏58	18°29	3°29	14°31	23°23	17°26	15°20	3°50	14°44	4°R21	3°17	1°50	18°15	S 18
M19	15 46 44	28°14'29	13°46	19°27	4°40	15°13	23°16	17°23	15°22	3°49	14°45	4°21	3°14	1°56	18°17	M19
T 20	15 50 41	29°12'30	25°40	20°20	5°50	15°54	23°10	17°20	15°25	3°49	14°47	4°19	3°11	2° 3	18°19	T 20
W21	15 54 37	0♏10'30	7♌40	21° 8	7° 1	16°36	23° 4	17°17	15°28	3°48	14°48	4°17	3° 7	2° 9	18°21	W21
T 22	15 58 34	1° 8'28	19°49	21°51	8°11	17°18	22°57	17°15	15°30	3°47	14°49	4°13	3° 4	2°16	18°23	T 22
F 23	16 2 30	2° 6'24	2♎ 8	22°30	9°21	17°59	22°51	17°12	15°33	3°46	14°51	4° 8	3° 1	2°23	18°24	F 23
S 24	16 6 27	3° 4'20	14°38	23° 3	10°32	18°41	22°44	17°10	15°36	3°46	14°52	4° 3	2°58	2°29	18°26	S 24
S 25	16 10 23	4° 2'14	27°22	23°32	11°42	19°22	22°37	17° 7	15°38	3°45	14°53	3°59	2°55	2°36	18°28	S 25
M26	16 14 20	5° 0'06	10♎20	23°56	12°52	20° 4	22°30	17° 5	15°41	3°44	14°55	3°56	2°51	2°43	18°29	M26
T 27	16 18 17	5°57'58	23°35	24°15	14° 1	20°45	22°23	17° 2	15°43	3°44	14°56	3°54	2°48	2°49	18°31	T 27
W28	16 22 13	6°55'48	7♋ 7	24°29	15°11	21°27	22°16	17° 0	15°46	3°43	14°57	3°D53	2°45	2°56	18°32	W28
T 29	16 26 10	7°53'37	20°58	24°38	16°21	22° 8	22° 9	16°58	15°48	3°43	14°59	3°54	2°42	3° 3	18°34	T 29
F 30	16 30 6	8°51'25	5♏ 8	24°R42	17°30	22°49	22° 2	16°56	15°50	3°42	15° 0	3°55	2°39	3° 9	18°35	F 30
S 31	16 34 3	9♏49'12	19°Y36	24♏42	18♎40	23♏31	21♌55	16♎54	15°Y53	3♎42	15♌ 1	3♎56	2♎36	3♏16	18♋36	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	15n 0	11s13	4s14	19n 8	1n 1	23n30	1n11	21n 3	0n27	22s32	0n44	4s43	2n42	5n 5	0s40	0s28	1n17	0n37	16s 9	12n56	12n52	11s 4	0s34	4n42					
F 2	15 18	4 44	3 19	19 49	1 11	23 41	1 14	21 12	0 27	22 32	0 44	4 41	2 42	5 6	0 40	0 27	1 17	0 38	16 9	12 56	12 51	11 7	0 33	4 42					
S 3	15 36	2n10	2 9	20 27	1 21	23 52	1 17	21 20	0 28	22 32	0 44	4 40	2 42	5 7	0 40	0 27	1 17	0 38	16 9	12 56	12 50	11 10	0 32	4 42					
S 4	15 54	9 5	0 49	21 3	1 31	24 2	1 19	21 29	0 29	22 32	0 44	4 38	2 42	5 8	0 40	0 26	1 17	0 38	16 9	12 56	12 49	11 13	0 30	4 42					
M 5	16 11	15 32	0n35	21 37	1 40	24 11	1 22	21 37	0 29	22 32	0 44	4 37	2 42	5 9	0 40	0 26	1 17	0 39	16 9	12 56	12 48	11 16	0 29	4 42					
T 6	16 28	21 2	1 56	22 9	1 48	24 20	1 25	21 45	0 30	22 31	0 44	4 36	2 42	5 11	0 40	0 25	1 17	0 39	16 9	12 56	12 47	11 19	0 28	4 42					
W 7	16 45	25 6	3 8	22 38	1 56	24 28	1 27	21 52	0 30	22 31	0 44	4 34	2 42	5 12	0 40	0 25	1 17	0 40	16 9	12 56	12 46	11 22	0 27	4 43					
T 8	17 1	27 24	4 7	23 4	2 4	24 35	1 30	22 0	0 31	22 31	0 43	4 33	2 42	5 13	0 40	0 24	1 17	0 40	16 9	12 55	12 45	11 26	0 26	4 43					
F 9	17 17	27 48	4 48	23 28	2 10	24 42	1 32	22 7	0 31	22 31	0 43	4 32	2 41	5 14	0 40	0 24	1 17	0 40	16 9	12 55	12 44	11 29	0 25	4 43					
S 10	17 33	26 27	5 11	23 50	2 16	24 48	1 34	22 14	0 32	22 31	0 43	4 30	2 41	5 15	0 40	0 24	1 17	0 41	16 9	12 54	12 43	11 32	0 24	4 43					
S 11	17 49	23 37	5 16	24 9	2 21	24 53	1 37	22 21	0 32	22 30	0 43	4 29	2 41	5 16	0 40	0 23	1 17	0 41	16 9	12 54	12 42	11 35	0 23	4 43					
M12	18 4	19 42	5 5	24 26	2 25	24 58	1 39	22 28	0 33	22 30	0 43	4 28	2 41	5 17	0 40	0 23	1 17	0 41	16 9	12 54	12 41	11 38	0 22	4 44					
T 13	18 19	15 0	4 40	24 41	2 28	25 2	1 41	22 35	0 33	22 30	0 43	4 27	2 41	5 18	0 40	0 22	1 17	0 42	16 9	12 54	12 40	11 41	0 20	4 44					
W14	18 34	9 49	4 2	24 53	2 30	25 5	1 43	22 41	0 34	22 30	0 43	4 26	2 41	5 20	0 40	0 22	1 17	0 42	16 9	12 54	12 38	11 44	0 19	4 44					
T 15	18 48	4 22	3 14	25 3	2 31	25 7	1 46	22 47	0 35	22 29	0 43	4 25	2 40	5 21	0 40	0 22	1 17	0 42	16 9	12 55	12 37	11 48	0 18	4 44					
F 16	19 2	1s11	2 19	25 11	2 32	25 9	1 48	22 53	0 35	22 29	0 43	4 24	2 40	5 22	0 40	0 21	1 17	0 43	16 9	12 55	12 36	11 51	0 17	4 44					
S 17	19 16	6 40	1 17	25 17	2 31	25 10	1 50	22 58	0 36	22 29	0 43	4 22	2 40	5 23	0 40	0 21	1 17	0 43	16 9	12 56	12 35	11 54	0 17	4 44					
S 18	19 29	11 55	0 13	25 21	2 29	25 11	1 52	23 4	0 36	22 29	0 43	4 21	2 40	5 24	0 40	0 21	1 17	0 43	16 9	12 56	12 34	11 57	0 16	4 45					
M19	19 42	16 45	0s52	25 23	2 27	25 10	1 53	23 9	0 37	22 28	0 43	4 21	2 40	5 25	0 40	0 20	1 17	0 44	16 10	12 56	12 33	12 0	0 15	4 45					
T 20	19 55	20 58	1 55	25 23	2 23	25 9	1 55	23 14	0 37	22 28	0 43	4 20	2 40	5 26	0 40	0 20	1 17	0 44	16 10	12 55	12 32	12 3	0 14	4 45					
W21	20 7	24 22	2 53	25 22	2 18	25 8	1 57	23 19	0 38	22 28	0 43	4 19	2 39	5 27	0 40	0 20	1 17	0 44	16 10	12 54	12 31	12 6	0 13	4 45					
T 22	20 19	26 42	3 44	25 19	2 13	25 5	1 59	23 23	0 38	22 28	0 43	4 18	2 39	5 28	0 40	0 20	1 17	0 45	16 10	12 53	12 30	12 9	0 12	4 46					
F 23	20 31	27 46	4 26	25 15	2 6	25 2	2 0	23 28	0 39	22 27	0 43	4 17	2 39	5 29	0 40	0 19	1 17	0 45	16 10	12 51	12 29	12 12	0 11	4 46					
S 24	20 42	27 27	4 55	25 9	1 58	24 58	2 2	23 32	0 39	22 27	0 43	4 16	2 39	5 30	0 41	0 19	1 17	0 45	16 10	12 50	12 28	12 16	0 10	4 46					
S 25	20 53	25 42	5 11	25 1	1 49	24 54	2 3	23 36	0 39	22 27	0 43	4 16	2 39	5 31	0 41	0 19	1 17	0 45	16 10	12 48	12 27	12 19	0 9	4 46					
M26	21 4	22 35	5 11	24 53	1 39	24 49	2 5	23 39	0 40	22 26	0 43	4 15	2 38	5 32	0 41	0 19	1 16	0 46	16 10	12 47	12 25	12 22	0 9	4 46					
T 27	21 14	18 15	4 55	24 43	1 28	24 43	2 6	23 43	0 40	22 26	0 43	4 14	2 38	5 33	0 41	0 18	1 16	0 46	16 10	12 47	12 24	12 25	0 8	4 47					
W28	21 24	12 55	4 22	24 31	1 16	24 37	2 7	23 46	0 41	22 26	0 43	4 13	2 38	5 34	0 41	0 18	1 16	0 46	16 10	12 46	12 23	12 28	0 7	4 47					
T 29	21 33	6 50	3 33	24 19	1 4	24 29	2 8	23 49	0 41	22 25	0 43	4 13	2 38	5 34	0 41	0 18	1 16	0 46	16 10	12 47	12 22	12 31	0 6	4 47					
F 30	21 42	0 16	2 31	24 1	5 0	24 22	2 9	23 52	0 42	22 25	0 43	4 12	2 38	5 35	0 41	0 18	1 16	0 47	16 10	12 47	12 21	12 34	0 6	4 47					
S 31	21n51	6n27	1s18	23n51	0n35	24n13	2n10	23n54	0n42	22s25	0n42	4s12	2n37	5n36	0s41	0s18	1n16	0n47	16s11	12n47	12n20	12s37	0s 5	4n47					

# ASTRODIENST EPHEMERIS for the year 2600

JUNE 2600

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 37 59	10♈46'58	4♌20	24°R37	19°♌49	24♈12	21°R47	16°R52	15°♈55	3°R41	15♌2	3°R57	2♌32	3♈23	18♈37	S 1
M 2	16 41 56	11°44'43	19°12	24♈27	20°58	24°53	21♈40	16♌51	15°57	3♌41	15°4	3♌56	2°29	3°29	18°39	M 2
T 3	16 45 52	12°42'27	4♈8	24°14	22°8	25°34	21°32	16°49	16°0	3°40	15°5	3°53	2°26	3°36	18°40	T 3
W 4	16 49 49	13°40'10	18°58	23°56	23°17	26°15	21°25	16°47	16°2	3°40	15°6	3°49	2°23	3°43	18°41	W 4
T 5	16 53 46	14°37'51	3♌35	23°35	24°26	26°56	21°17	16°46	16°4	3°40	15°7	3°43	2°20	3°49	18°42	T 5
F 6	16 57 42	15°35'31	17°52	23°10	25°34	27°37	21°10	16°45	16°6	3°40	15°9	3°37	2°17	3°56	18°43	F 6
S 7	17 1 39	16°33'10	1♌43	22°43	26°43	28°18	21°2	16°43	16°8	3°39	15°10	3°30	2°13	4°2	18°44	S 7
S 8	17 5 35	17°30'47	15°8	22°13	27°52	28°59	20°55	16°42	16°10	3°39	15°11	3°25	2°10	4°9	18°45	S 8
M 9	17 9 32	18°28'23	28°7	21°42	29°0	29°40	20°47	16°41	16°12	3°39	15°12	3°21	2°7	4°16	18°45	M 9
T 10	17 13 28	19°25'57	10♈42	21°9	0♌8	0♌21	20°39	16°40	16°14	3°39	15°13	3°19	2°4	4°22	18°46	T 10
W 11	17 17 25	20°23'31	22°58	20°35	1°17	1°2	20°32	16°40	16°16	3°39	15°15	3°D19	2°1	4°29	18°47	W 11
T 12	17 21 22	21°21'02	4♌59	20°2	2°25	1°43	20°24	16°39	16°18	3°39	15°16	3°20	1°57	4°36	18°47	T 12
F 13	17 25 18	22°18'33	16°51	19°29	3°32	2°23	20°16	16°38	16°20	3°38	15°17	3°21	1°54	4°42	18°48	F 13
S 14	17 29 15	23°16'02	28°39	18°56	4°40	3°4	20°9	16°38	16°21	3°D38	15°18	3°R22	1°51	4°49	18°48	S 14
S 15	17 33 11	24°13'30	10♈27	18°26	5°48	3°45	20°1	16°37	16°23	3°38	15°19	3°22	1°48	4°56	18°49	S 15
M 16	17 37 8	25°10'57	22°19	17°57	6°55	4°25	19°54	16°37	16°25	3°38	15°20	3°20	1°45	5°2	18°49	M 16
T 17	17 41 4	26°8'23	4♌19	17°31	8°2	5°6	19°46	16°37	16°27	3°39	15°21	3°16	1°42	5°9	18°49	T 17
W 18	17 45 1	27°5'48	16°30	17°8	9°10	5°47	19°38	16°36	16°28	3°39	15°22	3°9	1°38	5°16	18°50	W 18
T 19	17 48 57	28°3'12	28°52	16°49	10°17	6°27	19°31	16°D36	16°30	3°39	15°23	3°1	1°35	5°22	18°50	T 19
F 20	17 52 54	29°0'36	11♌28	16°33	11°23	7°8	19°24	16°36	16°31	3°39	15°24	2°51	1°32	5°29	18°50	F 20
S 21	17 56 51	29°57'59	24°17	16°21	12°30	7°48	19°16	16°37	16°33	3°39	15°26	2°42	1°29	5°36	18°50	S 21
S 22	18 0 47	0♌55'21	7♈19	16°13	13°36	8°28	19°9	16°37	16°34	3°39	15°27	2°32	1°26	5°42	18°R50	S 22
M 23	18 4 44	1°52'42	20°33	16°D10	14°43	9°9	19°1	16°37	16°36	3°40	15°28	2°25	1°23	5°49	18°50	M 23
T 24	18 8 40	2°50'03	3♌59	16°11	15°49	9°49	18°54	16°38	16°37	3°40	15°29	2°19	1°19	5°55	18°50	T 24
W 25	18 12 37	3°47'23	17°37	16°16	16°55	10°29	18°47	16°38	16°38	3°40	15°30	2°16	1°16	6°2	18°50	W 25
T 26	18 16 33	4°44'43	1°Y27	16°26	18°0	11°9	18°40	16°39	16°40	3°41	15°30	2°D15	1°13	6°9	18°50	T 26
F 27	18 20 30	5°42'03	15°29	16°41	19°6	11°50	18°33	16°40	16°41	3°41	15°31	2°15	1°10	6°15	18°49	F 27
S 28	18 24 26	6°39'22	29°42	17°0	20°11	12°30	18°26	16°41	16°42	3°41	15°32	2°R15	1°7	6°22	18°49	S 28
S 29	18 28 23	7°36'42	14♌5	17°24	21°17	13°10	18°19	16°42	16°43	3°42	15°33	2°15	1°3	6°29	18°49	S 29
M 30	18 32 20	8°34'01	28♌36	17♈53	22♈21	13°50	18°12	16♌43	16°Y44	3♌42	15♌34	2♌12	1♌0	6♈35	18♈48	M 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	21n59	12n57	0n 2	23n35	0n20	24n 4	2n11	23n57	0n43	22s24	0n42	4s11	2n37	5n37	0s41	0s18
M 2	22 7 18	47 1 22	23 19	0 4	23 54	2 12	23 59	0 43	22 24	0 42	4 11	2 37	5 38	0 41	0 17	1 16
T 3	22 15 23	28 2 37	23 2	0s12	23 44	2 13	24 1	0 44	22 24	0 42	4 10	2 37	5 39	0 41	0 17	1 16
W 4	22 22 26	34 3 40	22 44	0 30	23 33	2 13	24 3	0 44	22 23	0 42	4 10	2 37	5 40	0 41	0 17	1 16
T 5	22 29 27	47 4 28	22 26	0 47	23 22	2 14	24 4	0 44	22 23	0 42	4 10	2 36	5 40	0 41	0 17	1 16
F 6	22 35 27	6 4 58	22 7	1 4	23 10	2 14	24 5	0 45	22 22	0 42	4 9	2 36	5 41	0 41	0 17	1 16
S 7	22 41 24	44 5 9	21 48	1 22	22 57	2 15	24 6	0 45	22 22	0 42	4 9	2 36	5 42	0 41	0 17	1 16
S 8	22 47 21	4 5 3	21 29	1 40	22 44	2 15	24 7	0 46	22 22	0 42	4 9	2 36	5 43	0 41	0 17	1 16
M 9	22 52 16	29 4 41	21 10	1 57	22 30	2 15	24 8	0 46	22 21	0 42	4 9	2 35	5 43	0 41	0 17	1 16
T 10	22 57 11	20 4 6	20 51	2 14	22 15	2 15	24 8	0 47	22 21	0 41	4 9	2 35	5 44	0 41	0 17	1 16
W 11	23 1 5 52	3 21	20 32	2 30	22 0	2 15	24 9	0 47	22 20	0 41	4 9	2 35	5 45	0 41	0 17	1 16
T 12	23 5 0 17	2 27	20 14	2 46	21 45	2 15	24 9	0 47	22 20	0 41	4 8	2 35	5 46	0 41	0 17	1 16
F 13	23 8 5s15	1 28	19 57	3 0	21 29	2 14	24 8	0 48	22 19	0 41	4 8	2 34	5 46	0 41	0 17	1 16
S 14	23 12 10	34 0 25	19 41	3 14	21 12	2 14	24 8	0 48	22 19	0 41	4 8	2 34	5 47	0 41	0 17	1 16
S 15	23 14 15	31 0s38	19 26	3 27	20 55	2 13	24 7	0 49	22 19	0 41	4 8	2 34	5 48	0 41	0 17	1 16
M 16	23 17 19	54 1 40	19 12	3 38	20 38	2 13	24 6	0 49	22 18	0 41	4 9	2 34	5 48	0 41	0 17	1 16
T 17	23 18 23	32 2 39	19 0	3 48	20 20	2 12	24 5	0 49	22 18	0 41	4 9	2 33	5 49	0 41	0 17	1 16
W 18	23 20 26	10 3 30	18 49	3 57	20 1	2 11	24 4	0 50	22 17	0 40	4 9	2 33	5 49	0 41	0 17	1 16
T 19	23 21 27	35 4 13	18 39	4 5	19 42	2 10	24 2	0 50	22 17	0 40	4 9	2 33	5 50	0 41	0 17	1 16
F 20	23 22 27	35 4 44	18 32	4 11	19 23	2 9	24 1	0 51	22 16	0 40	4 9	2 33	5 51	0 41	0 17	1 16
S 21	23 22 26	8 5 2	18 25	4 16	19 3	2 8	23 59	0 51	22 16	0 40	4 10	2 32	5 51	0 41	0 17	1 16
S 22	23 22 23	17 5 4	18 21	4 19	18 43	2 7	23 57	0 51	22 15	0 40	4 10	2 32	5 52	0 41	0 18	1 16
M 23	23 21 19	10 4 50	18 19	4 22	18 22	2 5	23 54	0 52	22 15	0 40	4 10	2 32	5 52	0 41	0 18	1 16
T 24	23 20 14	3 4 20	18 18	4 23	18 1	2 4	23 52	0 52	22 15	0 40	4 11	2 32	5 53	0 41	0 18	1 16
W 25	23 19 8	10 3 35	18 18	4 23	17 39	2 2	23 49	0 52	22 14	0 39	4 11	2 31	5 53	0 41	0 18	1 15
T 26	23 17 1 49	2 37	18 21	4 21	17 18	2 0	23 46	0 53	22 14	0 39	4 12	2 31	5 54	0 41	0 18	1 15
F 27	23 14 4n43	1 28	18 24	4 19	16 55	1 58	23 43	0 53	22 13	0 39	4 12	2 31	5 54	0 41	0 18	1 15
S 28	23 12 11	7 0 14	18 30	4 15	16 33	1 56	23 40	0 53	22 13	0 39	4 13	2 31	5 54	0 41	0 19	1 15
S 29	23 9 17	1 1n 3	18 36	4 11	16 10	1 54	23 36	0 54	22 12	0 39	4 13	2 30	5 55	0 41	0 19	1 15
M 30	23n 5	21n59	2n15	18n44	4s 6	15n47	1n52	23n33	0n54	22s12	0n39	4s14	2n30	5n55	0s41	0s19

Julian Day Number = 2670841.5, Delta T = 20m14s  
Ecliptic obliquity = 23°21'48", Nutation = - 0°00'10"  
Ayanamsha: Fagan/Bradley = 33°08'17", Lahiri = 32°15'17"

## ASTRODIENST EPHEMERIS for the year 2600

JULY 2600

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 36 16	9°31'20	13°11'9	18°11'25	23°02'26	14°53'30	18°R 5	16°44'44	16°45'45	3°43'43	15°35'35	2°R 7	0°57'57	6°42'42	18°R48	T 1
W 2	18 40 13	10°28'38	27°39'39	19° 3'24	24°31'31	15°10'17	17°59'59	16°45'45	16°46'46	3°43'43	15°36'36	2°R 0	0°54'54	6°49'49	18°R47	W 2
T 3	18 44 9	11°25'56	12°50'00	19°44'25	25°35'35	15°50'17	17°52'52	16°47'47	16°47'47	3°44'44	15°37'37	1°50'50	0°51'51	6°55'55	18°47'47	T 3
F 4	18 48 6	12°23'14	26° 6'26	20°30'20	26°39'39	16°30'16	17°46'46	16°48'48	16°48'48	3°45'45	15°38'38	1°40'40	0°48'48	7° 2'2	18°46'46	F 4
S 5	18 52 2	13°20'31	9°02'51	21°21'21	27°43'43	17°10'17	17°40'40	16°50'50	16°49'49	3°45'45	15°38'38	1°29'29	0°44'44	7° 9'9	18°45'45	S 5
S 6	18 55 59	14°17'48	23°13'13	22°15'15	28°47'47	17°50'50	17°33'33	16°51'51	16°50'50	3°46'46	15°39'39	1°19'19	0°41'41	7°15'15	18°45'45	S 6
M 7	18 59 56	15°15'04	6°11'11	23°13'13	29°50'50	18°30'30	17°27'27	16°53'53	16°51'51	3°47'47	15°40'40	1°11'11	0°38'38	7°22'22	18°44'44	M 7
T 8	19 3 52	16°12'20	18°46'46	24°16'16	0°11'53	19°10'10	17°21'21	16°55'55	16°51'51	3°47'47	15°41'41	1° 6'6	0°35'35	7°28'28	18°43'43	T 8
W 9	19 7 49	17° 9'35	1°13'3	25°22'22	1°56'56	19°50'50	17°16'16	16°57'57	16°52'52	3°48'48	15°42'42	1° 3'3	0°32'32	7°35'35	18°42'42	W 9
T 10	19 11 45	18° 6'50	13° 5'5	26°33'33	2°59'59	20°29'29	17°10'10	16°59'59	16°53'53	3°49'49	15°42'42	1° 2'2	0°29'29	7°42'42	18°41'41	T 10
F 11	19 15 42	19° 4'04	24°57'57	27°47'47	4° 1'1	21° 9'9	17° 4'4	17° 1'1	16°53'53	3°50'50	15°43'43	1° 2'2	0°25'25	7°48'48	18°40'40	F 11
S 12	19 19 38	20° 1'18	6°11'46	29° 5'5	5° 3'3	21°49'49	16°59'59	17° 3'3	16°54'54	3°51'51	15°44'44	1° 2'2	0°22'22	7°55'55	18°39'39	S 12
S 13	19 23 35	20°58'32	18°35'35	0°52'27	6° 5'5	22°28'28	16°54'54	17° 6'6	16°54'54	3°52'52	15°44'44	1° 1'1	0°19'19	8° 2'2	18°38'38	S 13
M14	19 27 31	21°55'45	0°43'31	1°53'7	7° 6'6	23° 8'8	16°49'49	17° 8'8	16°55'55	3°53'53	15°45'45	0°58'58	0°16'16	8° 8'8	18°36'36	M14
T 15	19 31 28	22°52'58	12°38'38	3°22'22	8° 7'7	23°48'48	16°44'44	17°11'11	16°55'55	3°53'53	15°46'46	0°53'53	0°13'13	8°15'15	18°35'35	T 15
W16	19 35 25	23°50'11	24°58'58	4°55'55	9° 8'8	24°27'27	16°39'39	17°13'13	16°55'55	3°54'54	15°46'46	0°45'45	0° 9'9	8°22'22	18°34'34	W16
T 17	19 39 21	24°47'24	7°33'3	6°31'31	10° 8'8	25° 7'7	16°34'34	17°16'16	16°56'56	3°55'55	15°47'47	0°34'34	0° 6'6	8°28'28	18°32'32	T 17
F 18	19 43 18	25°44'37	20°28'28	8°11'11	11° 8'8	25°46'46	16°30'30	17°19'19	16°56'56	3°57'57	15°48'48	0°22'22	0° 3'3	8°35'35	18°31'31	F 18
S 19	19 47 14	26°41'50	3°38'38	9°55'55	12° 8'8	26°26'26	16°25'25	17°22'22	16°56'56	3°58'58	15°48'48	0°10'10	29°59'59	8°42'42	18°30'30	S 19
S 20	19 51 11	27°39'03	17° 2'2	11°41'41	13° 7'7	27° 5'5	16°21'21	17°25'25	16°56'56	3°59'59	15°49'49	29°58'58	29°57'57	8°48'48	18°28'28	S 20
M21	19 55 7	28°36'16	0°43'39	13°31'31	14° 6'6	27°44'44	16°17'17	17°28'28	16°56'56	4° 0'0	15°49'49	29°48'48	29°54'54	8°55'55	18°26'26	M21
T 22	19 59 4	29°33'29	14°26'26	15°24'24	15° 5'5	28°24'24	16°13'13	17°31'31	16°R56	4° 1'1	15°50'50	29°40'40	29°50'50	9° 2'2	18°25'25	T 22
W23	20 3 0	0°03'04	28°20'20	17°19'19	16° 3'3	29° 3'3	16° 9'9	17°34'34	16°56'56	4° 2'2	15°50'50	29°36'36	29°47'47	9° 8'8	18°23'23	W23
T 24	20 6 57	1°27'57	12°17'17	19°17'17	17° 1'1	29°43'43	16° 6'6	17°38'38	16°56'56	4° 3'3	15°51'51	29°34'34	29°44'44	9°15'15	18°21'21	T 24
F 25	20 10 54	2°25'12	26°23'23	21°18'18	17°58'58	0°02'22	16° 2'2	17°41'41	16°56'56	4° 5'5	15°51'51	29°33'33	29°41'41	9°21'21	18°20'20	F 25
S 26	20 14 50	3°22'28	10°18'30	23°20'20	18°55'55	1° 1'1	15°59'59	17°45'45	16°56'56	4° 6'6	15°52'52	29°33'33	29°38'38	9°28'28	18°18'18	S 26
S 27	20 18 47	4°19'44	24°40'40	25°24'24	19°52'52	1°40'40	15°56'56	17°48'48	16°56'56	4° 7'7	15°52'52	29°32'32	29°35'35	9°35'35	18°16'16	S 27
M28	20 22 43	5°17'01	8°11'51	27°29'29	20°48'48	2°20'20	15°53'53	17°52'52	16°55'55	4° 8'8	15°52'52	29°29'29	29°31'31	9°41'41	18°14'14	M28
T 29	20 26 40	6°14'19	23° 0'0	29°36'36	21°43'43	2°59'59	15°50'50	17°56'56	16°55'55	4°10'10	15°53'53	29°24'24	29°28'28	9°48'48	18°12'12	T 29
W30	20 30 36	7°11'37	7°5'5	1°04'43	22°38'38	3°38'38	15°48'48	18° 0'0	16°55'55	4°11'11	15°53'53	29°16'16	29°25'25	9°55'55	18°10'10	W30
T 31	20 34 33	8°08'56	21°12'2	3°02'51	23°11'33	4°02'17	15°46'46	18°13'13	16°55'54	4°13'13	15°53'53	29°15'15	29°22'22	10°11'11	18°08'08	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	23n 1	25n36	3n19	18n53	3s59	15n23	1n49	23n29	0n54	22s12	0n39	4s15	2n30	5n56	0s41	0s19	1n15
W 2	22 57	27 31	4 10	19 3	3 52	14 59	1 47	23 25	0 55	22 11	0 38	4 15	2 30	5 56	0 42	0 19	1 15
T 3	22 52	27 33	4 45	19 14	3 45	14 35	1 44	23 20	0 55	22 11	0 38	4 16	2 29	5 56	0 42	0 20	1 15
F 4	22 47	25 47	5 1	19 26	3 36	14 11	1 41	23 16	0 55	22 10	0 38	4 17	2 29	5 57	0 42	0 20	1 15
S 5	22 42	22 31	4 59	19 38	3 27	13 46	1 38	23 11	0 56	22 10	0 38	4 18	2 29	5 57	0 42	0 20	1 15
S 6	22 36	18 9	4 41	19 51	3 17	13 21	1 35	23 6	0 56	22 9	0 38	4 19	2 29	5 57	0 42	0 21	1 15
M 7	22 30	13 4	4 8	20 4	3 7	12 56	1 32	23 1	0 56	22 9	0 38	4 20	2 28	5 57	0 42	0 21	1 15
T 8	22 23	7 34	3 25	20 18	2 56	12 30	1 29	22 56	0 57	22 9	0 37	4 21	2 28	5 58	0 42	0 21	1 15
W 9	22 16	1 55	2 32	20 32	2 45	12 5	1 25	22 51	0 57	22 8	0 37	4 22	2 28	5 58	0 42	0 22	1 15
T 10	22 9	3s42	1 34	20 45	2 34	11 39	1 22	22 45	0 57	22 8	0 37	4 23	2 28	5 58	0 42	0 22	1 15
F 11	22 1	9 8	0 32	20 59	2 22	11 13	1 18	22 39	0 58	22 8	0 37	4 24	2 27	5 58	0 42	0 22	1 15
S 12	21 53	14 12	0s30	21 12	2 10	10 47	1 14	22 33	0 58	22 7	0 37	4 25	2 27	5 58	0 42	0 23	1 15
S 13	21 44	18 46	1 32	21 25	1 57	10 20	1 10	22 27	0 58	22 7	0 36	4 26	2 27	5 59	0 42	0 23	1 15
M14	21 35	22 38	2 29	21 36	1 45	9 54	1 6	22 21	0 59	22 7	0 36	4 27	2 27	5 59	0 42	0 23	1 15
T 15	21 26	25 34	3 21	21 47	1 32	9 27	1 1	22 14	0 59	22 6	0 36	4 28	2 27	5 59	0 42	0 24	1 15
W16	21 16	27 20	4 5	21 57	1 19	9 0	0 57	22 8	0 59	22 6	0 36	4 29	2 26	5 59	0 42	0 24	1 15
T 17	21 6	27 45	4 37	22 6	1 6	8 33	0 52	22 1	0 59	22 6	0 36	4 31	2 26	5 59	0 42	0 25	1 15
F 18	20 56	26 41	4 56	22 13	0 53	8 6	0 48	21 54	1 0	22 6	0 35	4 32	2 26	5 59	0 42	0 25	1 15
S 19	20 45	24 8	5 0	22 19	0 41	7 39	0 43	21 47	1 0	22 5	0 35	4 33	2 26	5 59	0 42	0 26	1 15
S 20	20 34	20 14	4 47	22 23	0 28	7 12	0 38	21 40	1 0	22 5	0 35	4 35	2 25	5 59	0 42	0 26	1 15
M21	20 22	15 14	4 18	22 25	0 16	6 44	0 33	21 32	1 0	22 5	0 35	4 36	2 25	5 59	0 42	0 27	1 15
T 22	20 11	9 24	3 34	22 25	0 4	6 17	0 28	21 25	1 1	22 5	0 35	4 37	2 25	5 59	0 42	0 27	1 15
W23	19 59	3 4	2 37	22 23	0n 8	5 49	0 22	21 17	1 1	22 4	0 35	4 39	2 25	5 59	0 42	0 27	1 15
T 24	19 46	3n29	1 30	22 18	0 19	5 22	0 17	21 9	1 1	22 4	0 34	4 40	2 24	5 59	0 42	0 28	1 15
F 25	19 33	9 53	0 17	22 11	0 30	4 54	0 11	21 1	1 2	22 4	0 34	4 42	2 24	5 59	0 42	0 29	1 14
S 26	19 20	15 50	0n58	22 1	0 40	4 27	0 5	20 52	1 2	22 4	0 34	4 43	2 24	5 59	0 42	0 29	1 14
S 27	19 7	20 57	2 9	21 48	0 50	3 59	0s 1	20 44	1 2	22 4	0 34	4 45	2 24	5 59	0 42	0 30	1 14
M28	18 53	24 52	3 12	21 33	0 59	3 32	0 7	20 35	1 2	22 4	0 34	4 46	2 24	5 59	0 42	0 30	1 14
T 29	18 39	27 13	4 3	21 16	1 7	3 4	0 13	20 27	1 3	22 4	0 33	4 48	2 23	5 58	0 42	0 31	1 14
W30	18 25	27 49	4 39	20 55	1 14	2 37	0 20	20 18	1 3	22 4	0 33	4 50	2 23	5 58	0 42	0 31	1 14
T 31	18n10	26n38	4n58	20n32	1n21	2n 9	0s26	20n 9	1n 3	22s 4	0n33	4s51	2n23	5n58	0s42	0s32	1n14

Julian Day Number = 2670871.5, Delta T = 20m14s

Ecliptic obliquity = 23°21'48, Nutation = - 0°00'08

Ayanamsha: Fagan/Bradley = 33°08'21, Lahiri = 32

## ASTRODIENST EPHEMERIS for the year 2600

AUGUST 2600

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	20 38 29	9♌ 6'15	4♌46	5♌59	24♍27	4♌56	15°R43	18♌ 7	16°R54	4♌14	15♌54	28°R53	29♍19	10♌ 8	18°R 6	F 1
S 2	20 42 26	10° 3'35	18°15	8° 7	25°20	5°35	15♌41	18°12	16°Y53	4°15	15°54	28°Y41	29°15	10°15	18°X 4	S 2
S 3	20 46 23	11° 0'56	1♍24	10°14	26°13	6°14	15°40	18°16	16°53	4°17	15°54	28°31	29°12	10°21	18° 2	S 3
M 4	20 50 19	11°58'16	14°14	12°21	27° 5	6°53	15°38	18°20	16°52	4°18	15°55	28°22	29° 9	10°28	18° 0	M 4
T 5	20 54 16	12°55'38	26°45	14°27	27°57	7°32	15°37	18°24	16°52	4°20	15°55	28°16	29° 6	10°35	17°58	T 5
W 6	20 58 12	13°52'59	8♌59	16°32	28°48	8°11	15°35	18°29	16°51	4°21	15°55	28°12	29° 3	10°41	17°55	W 6
T 7	21 2 9	14°50'21	20°59	18°36	29°39	8°50	15°34	18°33	16°50	4°23	15°55	28°10	29° 0	10°48	17°53	T 7
F 8	21 6 5	15°47'44	2♌51	20°39	0♌28	9°29	15°33	18°38	16°50	4°25	15°55	28°D10	28°56	10°55	17°51	F 8
S 9	21 10 2	16°45'07	14°40	22°40	1°17	10° 8	15°33	18°42	16°49	4°26	15°56	28°R11	28°53	11° 1	17°48	S 9
S 10	21 13 58	17°42'31	26°30	24°40	2° 5	10°47	15°32	18°47	16°48	4°28	15°56	28°10	28°50	11° 8	17°46	S 10
M11	21 17 55	18°39'55	8♌28	26°39	2°53	11°26	15°32	18°52	16°47	4°29	15°56	28° 8	28°47	11°14	17°43	M11
T 12	21 21 52	19°37'20	20°38	28°36	3°40	12° 5	15°D32	18°57	16°46	4°31	15°56	28° 4	28°44	11°21	17°41	T 12
W13	21 25 48	20°34'45	3♌ 4	0♍31	4°25	12°43	15°32	19° 2	16°45	4°33	15°56	27°58	28°41	11°28	17°38	W13
T 14	21 29 45	21°32'12	15°50	2°25	5°10	13°22	15°32	19° 7	16°44	4°35	15°56	27°49	28°37	11°34	17°36	T 14
F 15	21 33 41	22°29'38	28°57	4°17	5°54	14° 1	15°32	19°12	16°43	4°36	15°56	27°40	28°34	11°41	17°33	F 15
S 16	21 37 38	23°27'06	12♌24	6° 8	6°38	14°40	15°33	19°17	16°42	4°38	15°R56	27°29	28°31	11°48	17°31	S 16
S 17	21 41 34	24°24'35	26°10	7°57	7°20	15°18	15°34	19°22	16°41	4°40	15°56	27°19	28°28	11°54	17°28	S 17
M18	21 45 31	25°22'04	10♌12	9°45	8° 1	15°57	15°35	19°27	16°39	4°42	15°56	27°11	28°25	12° 1	17°25	M18
T 19	21 49 27	26°19'35	24°24	11°31	8°41	16°36	15°36	19°33	16°38	4°43	15°56	27° 4	28°21	12° 8	17°23	T 19
W20	21 53 24	27°17'06	8♍41	13°15	9°20	17°14	15°37	19°38	16°37	4°45	15°56	27° 1	28°18	12°14	17°20	W20
T 21	21 57 21	28°14'39	23° 0	14°58	9°58	17°53	15°38	19°44	16°36	4°47	15°56	26°D59	28°15	12°21	17°17	T 21
F 22	22 1 17	29°12'14	7♌18	16°40	10°35	18°32	15°40	19°49	16°34	4°49	15°56	27° 0	28°12	12°28	17°15	F 22
S 23	22 5 14	0♍ 9'50	21°30	18°19	11°10	19°10	15°42	19°55	16°33	4°51	15°55	27° 0	28° 9	12°34	17°12	S 23
S 24	22 9 10	1° 7'27	5♌37	19°58	11°44	19°49	15°44	20° 0	16°31	4°53	15°55	27°R 1	28° 6	12°41	17° 9	S 24
M25	22 13 7	2° 5'06	19°37	21°35	12°17	20°27	15°46	20° 6	16°30	4°55	15°55	26°59	28° 2	12°48	17° 6	M25
T 26	22 17 3	3° 2'46	3♌29	23°10	12°49	21° 6	15°49	20°12	16°28	4°57	15°55	26°56	27°59	12°54	17° 3	T 26
W27	22 21 0	4° 0'28	17°11	24°44	13°19	21°44	15°51	20°18	16°27	4°59	15°55	26°50	27°56	13° 1	17° 1	W27
T 28	22 24 56	4°58'12	0♌43	26°16	13°48	22°23	15°54	20°23	16°25	5° 1	15°54	26°43	27°53	13° 8	16°58	T 28
F 29	22 28 53	5°55'57	14° 2	27°47	14°15	23° 1	15°57	20°29	16°23	5° 3	15°54	26°34	27°50	13°14	16°55	F 29
S 30	22 32 50	6°53'43	27° 8	29°17	14°41	23°40	16° 0	20°35	16°22	5° 5	15°54	26°25	27°47	13°21	16°52	S 30
S 31	22 36 46	7♍51'30	9♍59	0♌44	15♌ 5	24♌18	16♌ 3	20♌41	16°Y20	5♌ 7	15♌54	26°Y18	27°Y43	13♌27	16°X49	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
F 1	17n55	23n51	4n49	20n 7	1n27	1n42	0s33	20n 0	1n 3	22s 4	0n33	4s53	2n23	5n58	0s42	F 1
S 2	17 40	19 49	4 44	19 40	1 32	1 14	0 40	19 50	1 4	22 4	0 33	4 55	2 22	5 58	0 42	S 2
S 3	17 25	14 53	4 13	19 10	1 36	0 47	0 47	19 41	1 4	22 4	0 32	4 57	2 22	5 58	0 42	S 3
M 4	17 9	9 26	3 31	18 38	1 40	0 20	0 54	19 31	1 4	22 4	0 32	4 58	2 22	5 57	0 43	M 4
T 5	16 53	3 43	2 39	18 5	1 43	0s 7	1 1	19 22	1 4	22 4	0 32	5 0	2 22	5 57	0 43	T 5
W 6	16 36	2s 1	1 40	17 29	1 44	0 35	1 9	19 12	1 4	22 4	0 32	5 2	2 22	5 57	0 43	W 6
T 7	16 20	7 35	0 38	16 53	1 46	1 1	1 16	19 2	1 5	22 4	0 32	5 4	2 21	5 56	0 43	T 7
F 8	16 3	12 49	0s25	16 14	1 46	1 28	1 24	18 52	1 5	22 4	0 31	5 6	2 21	5 56	0 43	F 8
S 9	15 46	17 34	1 27	15 35	1 46	1 55	1 32	18 42	1 5	22 4	0 31	5 8	2 21	5 56	0 43	S 9
S 10	15 29	21 40	2 25	14 55	1 45	2 21	1 40	18 31	1 5	22 4	0 31	5 10	2 21	5 55	0 43	S 10
M11	15 11	24 54	3 17	14 13	1 44	2 48	1 48	18 21	1 5	22 4	0 31	5 12	2 21	5 55	0 43	M11
T 12	14 53	27 3	4 2	13 31	1 42	3 14	1 56	18 10	1 6	22 4	0 31	5 14	2 20	5 55	0 43	T 12
W13	14 35	27 55	4 36	12 48	1 39	3 39	2 4	17 59	1 6	22 5	0 30	5 16	2 20	5 54	0 43	W13
T 14	14 17	27 20	4 57	12 4	1 36	4 5	2 13	17 49	1 6	22 5	0 30	5 18	2 20	5 54	0 43	T 14
F 15	13 58	25 15	5 3	11 20	1 32	4 31	2 22	17 38	1 6	22 5	0 30	5 20	2 20	5 53	0 43	F 15
S 16	13 40	21 43	4 53	10 36	1 28	4 56	2 31	17 27	1 6	22 5	0 30	5 22	2 20	5 53	0 43	S 16
S 17	13 21	16 56	4 26	9 51	1 23	5 20	2 39	17 15	1 7	22 6	0 30	5 24	2 20	5 52	0 43	S 17
M18	13 1	11 10	3 43	9 6	1 18	5 45	2 49	17 4	1 7	22 6	0 29	5 26	2 19	5 52	0 43	M18
T 19	12 42	4 45	2 45	8 21	1 13	6 9	2 58	16 53	1 7	22 6	0 29	5 28	2 19	5 51	0 43	T 19
W20	12 23	1n57	1 36	7 36	1 7	6 33	3 7	16 41	1 7	22 7	0 29	5 31	2 19	5 51	0 43	W20
T 21	12 3	8 35	0 21	6 50	1 1	6 57	3 16	16 30	1 7	22 7	0 29	5 33	2 19	5 50	0 43	T 21
F 22	11 43	14 46	0n55	6 5	0 54	7 20	3 26	16 18	1 8	22 7	0 29	5 35	2 19	5 50	0 43	F 22
S 23	11 23	20 8	2 8	5 20	0 48	7 43	3 36	16 6	1 8	22 8	0 28	5 37	2 19	5 49	0 43	S 23
S 24	11 2	24 19	3 12	4 35	0 41	8 5	3 45	15 54	1 8	22 8	0 28	5 40	2 18	5 49	0 43	S 24
M25	10 42	27 1	4 4	3 50	0 33	8 27	3 55	15 42	1 8	22 9	0 28	5 42	2 18	5 48	0 43	M25
T 26	10 21	28 0	4 41	3 6	0 26	8 49	4 5	15 30	1 8	22 9	0 28	5 44	2 18	5 48	0 43	T 26
W27	10 1	27 15	5 2	2 22	0 18	9 10	4 15	15 18	1 8	22 9	0 28	5 46	2 18	5 47	0 43	W27
T 28	9 40	24 54	5 6	1 38	0 10	9 30	4 26	15 5	1 9	22 10	0 27	5 49	2 18	5 46	0 43	T 28
F 29	9 18	21 14	4 52	0 54	0 2	9 50	4 36	14 53	1 9	22 10	0 27	5 51	2 18	5 46	0 43	F 29
S 30	8 57	16 34	4 24	0 11	0s 6	10 10	4 46	14 41	1 9	22 11	0 27	5 53	2 17	5 45	0 43	S 30
S 31	8n36	11n14	3n43	0s31	0s15	10s29	4s56	14n28	1n 9	22s11	0n27	5s56	2n17	5n44	0s43	S 31

Julian Day Number = 2670902.5, Delta T = 20m14s

Ecliptic obliquity = 23°21'48", Nutation = - 0°00'07"

Ayanamsha: Fagan/Bradley = 33°08'26", Lahiri = 32°15'26"



## ASTRODIENST EPHEMERIS for the year 2600

OCTOBER 2600

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	0 38 59	7♂55'25	25♂26	26°R49	10°R29	13♂59	19♂ 4	24♂ 9	15°R14	6♂14	15°R35	25°D21	26°Y 5	16♂54	15°R21	W 1
T 2	0 42 56	8°54'06	7♂19	26♂31	9♂52	14°37	19°12	24°16	15°Y12	6°16	15♂34	25°Y21	26° 2	17° 0	15♂18	T 2
F 3	0 46 52	9°52'48	19° 7	26° 5	9°15	15°15	19°20	24°24	15° 9	6°18	15°33	25°22	25°58	17° 7	15°15	F 3
S 4	0 50 49	10°51'33	0♂54	25°32	8°38	15°53	19°29	24°31	15° 7	6°20	15°32	25°23	25°55	17°14	15°13	S 4
S 5	0 54 45	11°50'19	12°44	24°52	8° 1	16°31	19°37	24°38	15° 5	6°23	15°31	25°25	25°52	17°20	15°10	S 5
M 6	0 58 42	12°49'07	24°40	24° 5	7°25	17° 9	19°46	24°45	15° 2	6°25	15°30	25°26	25°49	17°27	15° 8	M 6
T 7	1 2 39	13°47'57	6♂348	23°12	6°50	17°46	19°54	24°53	15° 0	6°27	15°29	25°26	25°46	17°34	15° 5	T 7
W 8	1 6 35	14°46'48	19°12	22°13	6°15	18°24	20° 3	25° 0	14°57	6°29	15°29	25°R26	25°43	17°40	15° 3	W 8
T 9	1 10 32	15°45'41	1♂56	21°10	5°42	19° 2	20°12	25° 7	14°55	6°31	15°28	25°26	25°39	17°47	15° 1	T 9
F 10	1 14 28	16°44'36	15° 3	20° 3	5°10	19°40	20°21	25°15	14°53	6°34	15°27	25°25	25°36	17°54	14°58	F 10
S 11	1 18 25	17°43'33	28°37	18°55	4°40	20°17	20°31	25°22	14°50	6°36	15°26	25°24	25°33	18° 0	14°56	S 11
S 12	1 22 21	18°42'31	12♂38	17°47	4°12	20°55	20°40	25°29	14°48	6°38	15°25	25°23	25°30	18° 7	14°54	S 12
M13	1 26 18	19°41'31	27° 4	16°40	3°45	21°33	20°49	25°37	14°45	6°40	15°24	25°23	25°27	18°14	14°51	M13
T 14	1 30 14	20°40'33	11°Y51	15°37	3°20	22°10	20°59	25°44	14°43	6°42	15°23	25°22	25°24	18°20	14°49	T 14
W15	1 34 11	21°39'36	26°52	14°40	2°58	22°48	21° 9	25°51	14°41	6°44	15°22	25°D22	25°20	18°27	14°47	W15
T 16	1 38 8	22°38'42	11♂57	13°50	2°38	23°25	21°18	25°59	14°38	6°47	15°21	25°22	25°17	18°33	14°45	T 16
F 17	1 42 4	23°37'51	27° 0	13° 8	2°20	24° 3	21°28	26° 6	14°36	6°49	15°20	25°23	25°14	18°40	14°43	F 17
S 18	1 46 1	24°37'01	11♂50	12°36	2° 4	24°41	21°38	26°14	14°33	6°51	15°19	25°23	25°11	18°47	14°41	S 18
S 19	1 49 57	25°36'14	26°23	12°13	1°51	25°18	21°48	26°21	14°31	6°53	15°18	25°R23	25° 8	18°53	14°39	S 19
M20	1 53 54	26°35'29	10♂33	12° 2	1°40	25°56	21°59	26°28	14°29	6°55	15°16	25°23	25° 4	19° 0	14°37	M20
T 21	1 57 50	27°34'46	24°20	12°D 1	1°32	26°33	22° 9	26°36	14°26	6°57	15°15	25°D23	25° 1	19° 7	14°35	T 21
W22	2 1 47	28°34'05	7♂44	12°11	1°27	27°11	22°19	26°43	14°24	6°59	15°14	25°23	24°58	19°13	14°33	W22
T 23	2 5 43	29°33'27	20°47	12°32	1°23	27°49	22°30	26°50	14°22	7° 2	15°13	25°23	24°55	19°20	14°31	T 23
F 24	2 9 40	0♂32'51	3♂31	13° 3	1°D23	28°26	22°40	26°58	14°19	7° 4	15°12	25°23	24°52	19°27	14°29	F 24
S 25	2 13 37	1°32'17	15°59	13°42	1°24	29° 4	22°51	27° 5	14°17	7° 6	15°11	25°24	24°49	19°33	14°28	S 25
S 26	2 17 33	2°31'46	28°14	14°31	1°28	29°41	23° 2	27°13	14°15	7° 8	15°10	25°25	24°45	19°40	14°26	S 26
M27	2 21 30	3°31'16	10♂19	15°27	1°35	0♂19	23°13	27°20	14°13	7°10	15° 9	25°25	24°42	19°47	14°24	M27
T 28	2 25 26	4°30'49	22°16	16°30	1°43	0°56	23°23	27°27	14°10	7°12	15° 8	25°R26	24°39	19°53	14°23	T 28
W29	2 29 23	5°30'24	4♂ 8	17°39	1°54	1°33	23°35	27°35	14° 8	7°14	15° 7	25°25	24°36	20° 0	14°21	W29
T 30	2 33 19	6°30'01	15°57	18°53	2° 7	2°11	23°46	27°42	14° 6	7°16	15° 6	25°25	24°33	20° 7	14°20	T 30
F 31	2 37 16	7♂29'40	27♂45	20♂12	2♂22	2♂48	23♂57	27♂49	14°Y 4	7♂18	15♂ 4	25°Y23	24°Y30	20♂13	14♂18	F 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	3s 8	9s49	0s 1	13s58	3s56	11s56	8s29	7n24	1n12	22s33	0n22	7s15	2n14	5n19	0s43	1s20
T 2	3 31	14 57	1 6	13 50	3 54	11 39	8 26	7 9	1 12	22 34	0 21	7 18	2 14	5 18	0 43	1 21
F 3	3 54	19 30	2 8	13 38	3 51	11 21	8 22	6 55	1 13	22 35	0 21	7 21	2 14	5 17	0 43	1 22
S 4	4 17	23 17	3 4	13 21	3 46	11 2	8 17	6 40	1 13	22 36	0 21	7 23	2 14	5 16	0 43	1 23
S 5	4 40	26 7	3 53	13 1	3 40	10 42	8 12	6 25	1 13	22 37	0 21	7 26	2 14	5 15	0 43	1 24
M 6	5 3	27 48	4 33	12 36	3 32	10 22	8 5	6 11	1 13	22 37	0 21	7 29	2 14	5 14	0 43	1 25
T 7	5 26	28 12	5 1	12 7	3 22	10 1	7 58	5 56	1 13	22 38	0 21	7 31	2 14	5 13	0 43	1 25
W 8	5 48	27 12	5 15	11 34	3 10	9 40	7 49	5 41	1 13	22 39	0 20	7 34	2 14	5 12	0 43	1 26
T 9	6 11	24 47	5 15	10 57	2 56	9 18	7 40	5 27	1 13	22 40	0 20	7 37	2 14	5 11	0 43	1 27
F 10	6 34	21 2	4 59	10 18	2 41	8 57	7 31	5 12	1 13	22 41	0 20	7 39	2 14	5 10	0 43	1 28
S 11	6 56	16 4	4 26	9 36	2 24	8 35	7 20	4 57	1 13	22 42	0 20	7 42	2 14	5 10	0 43	1 29
S 12	7 18	10 7	3 36	8 53	2 6	8 14	7 10	4 43	1 13	22 42	0 20	7 45	2 14	5 9	0 43	1 30
M13	7 41	3 28	2 31	8 10	1 46	7 53	6 58	4 28	1 13	22 43	0 20	7 47	2 14	5 8	0 43	1 31
T 14	8 3	3n32	1 14	7 27	1 26	7 32	6 46	4 13	1 13	22 44	0 20	7 50	2 14	5 7	0 43	1 31
W15	8 25	10 27	0n 8	6 46	1 5	7 12	6 34	3 58	1 13	22 45	0 19	7 53	2 14	5 6	0 43	1 32
T 16	8 47	16 49	1 31	6 8	0 45	6 52	6 21	3 43	1 13	22 45	0 19	7 55	2 14	5 5	0 43	1 33
F 17	9 9	22 8	2 47	5 33	0 25	6 33	6 8	3 29	1 13	22 46	0 19	7 58	2 14	5 4	0 43	1 34
S 18	9 30	25 57	3 51	5 2	0 5	6 15	5 55	3 14	1 13	22 47	0 19	8 1	2 14	5 3	0 43	1 35
S 19	9 52	27 57	4 38	4 37	0n13	5 57	5 42	2 59	1 13	22 48	0 19	8 3	2 14	5 2	0 43	1 36
M20	10 13	28 3	5 7	4 16	0 30	5 41	5 28	2 44	1 13	22 49	0 19	8 6	2 14	5 1	0 43	1 36
T 21	10 35	26 23	5 18	4 2	0 46	5 25	5 14	2 29	1 13	22 49	0 19	8 9	2 14	5 0	0 43	1 37
W22	10 56	23 16	5 10	3 52	1 1	5 10	5 1	2 14	1 13	22 50	0 19	8 11	2 14	5 0	0 43	1 38
T 23	11 17	19 3	4 47	3 48	1 14	4 56	4 47	1 59	1 13	22 51	0 18	8 14	2 14	4 59	0 43	1 39
F 24	11 38	14 4	4 10	3 50	1 25	4 44	4 33	1 45	1 13	22 51	0 18	8 16	2 14	4 58	0 43	1 40
S 25	11 58	8 37	3 22	3 56	1 35	4 32	4 20	1 30	1 13	22 52	0 18	8 19	2 14	4 57	0 43	1 41
S 26	12 19	2 56	2 25	4 7	1 43	4 21	4 6	1 15	1 13	22 53	0 18	8 22	2 14	4 56	0 43	1 41
M27	12 39	2s48	1 23	4 22	1 50	4 11	3 53	1 0	1 13	22 54	0 18	8 24	2 14	4 55	0 43	1 42
T 28	12 59	8 22	0 17	4 41	1 55	4 2	3 39	0 45	1 13	22 54	0 18	8 27	2 14	4 54	0 43	1 43
W29	13 19	13 37	0s48	5 4	1 59	3 55	3 26	0 30	1 13	22 55	0 18	8 29	2 14	4 54	0 43	1 43
T 30	13 39	18 20	1 51	5 30	2 2	3 48	3 13	0 15	1 13	22 56	0 17	8 32	2 14	4 53	0 43	1 44
F 31	13s58	22s21	2s50	5s58	2n 4	3s42	3s 1	0n 1	1n13	22s56	0n17	8s35	2n14	4n52	0s43	1s45

Julian Day Number = 2670963.5, Delta T = 20m15s

Ecliptic obliquity = 23°21'49, Nutation = - 0°00'08

Ayanamsha: Fagan/Bradley = 33°08'34, Lahiri = 32°15'34

# ASTRODIENST EPHEMERIS for the year 2600

NOVEMBER 2600

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 41 12	8♉29°20	9♊34	21♋35	2♌39	3♍26	24♎8	27♏57	14♐R 2	7♑20	15♒R 3	25♓R22	24♔26	20♕20	14♖R17	S 1
S 2	2 45 9	9°29'03	21°26	23° 2	2°58	4° 3	24°19	28° 4	14♐0	7°22	15♒2	25♓19	24°23	20°27	14♖16	S 2
M 3	2 49 6	10°28'47	3♌25	24°31	3°19	4°40	24°31	28°11	13°57	7°24	15° 1	25°17	24°20	20°33	14°14	M 3
T 4	2 53 2	11°28'33	15°34	26° 2	3°41	5°18	24°42	28°18	13°55	7°26	15° 0	25°15	24°17	20°40	14°13	T 4
W 5	2 56 59	12°28'21	27°56	27°36	4° 6	5°55	24°54	28°26	13°53	7°28	14°59	25°14	24°14	20°47	14°12	W 5
T 6	3 0 55	13°28'11	10♋35	29°11	4°32	6°32	25° 6	28°33	13°51	7°29	14°58	25°D13	24°10	20°53	14°11	T 6
F 7	3 4 52	14°28'02	23°36	0♌47	5° 0	7°10	25°18	28°40	13°49	7°31	14°57	25°13	24° 7	21° 0	14°10	F 7
S 8	3 8 48	15°27'54	7♋0	2°24	5°29	7°47	25°29	28°47	13°47	7°33	14°55	25°14	24° 4	21° 7	14° 9	S 8
S 9	3 12 45	16°27'49	20°51	4° 2	6° 1	8°24	25°41	28°55	13°46	7°35	14°54	25°16	24° 1	21°13	14° 8	S 9
M10	3 16 41	17°27'44	5♐8	5°40	6°33	9° 1	25°53	29° 2	13°44	7°37	14°53	25°17	23°58	21°20	14° 7	M10
T 11	3 20 38	18°27'42	19°51	7°18	7° 7	9°39	26° 5	29° 9	13°42	7°39	14°52	25°R18	23°55	21°27	14° 6	T 11
W12	3 24 35	19°27'41	4♌52	8°57	7°43	10°16	26°17	29°16	13°40	7°40	14°51	25°18	23°51	21°33	14° 5	W12
T 13	3 28 31	20°27'42	20° 6	10°36	8°19	10°53	26°29	29°23	13°38	7°42	14°50	25°16	23°48	21°40	14° 5	T 13
F 14	3 32 28	21°27'45	5♐22	12°15	8°57	11°30	26°42	29°30	13°36	7°44	14°49	25°14	23°45	21°47	14° 4	F 14
S 15	3 36 24	22°27'50	20°30	13°53	9°37	12° 7	26°54	29°37	13°35	7°46	14°48	25°10	23°42	21°53	14° 4	S 15
S 16	3 40 21	23°27'57	5♏20	15°32	10°17	12°44	27° 6	29°44	13°33	7°47	14°46	25° 6	23°39	22° 0	14° 3	S 16
M17	3 44 17	24°28'06	19°46	17°10	10°59	13°22	27°19	29°51	13°31	7°49	14°45	25° 2	23°36	22° 7	14° 3	M17
T 18	3 48 14	25°28'17	3♌44	18°48	11°42	13°59	27°31	29°58	13°30	7°51	14°44	24°59	23°32	22°13	14° 2	T 18
W19	3 52 10	26°28'30	17°13	20°26	12°26	14°36	27°44	0♌5	13°28	7°52	14°43	24°57	23°29	22°20	14° 2	W19
T 20	3 56 7	27°28'45	0♐16	22° 4	13°11	15°13	27°56	0°12	13°27	7°54	14°42	24°D57	23°26	22°27	14° 2	T 20
F 21	4 0 4	28°29'01	12°56	23°41	13°57	15°50	28° 9	0°19	13°25	7°55	14°41	24°58	23°23	22°33	14° 1	F 21
S 22	4 4 0	29°29'20	25°17	25°18	14°44	16°27	28°22	0°25	13°24	7°57	14°40	24°59	23°20	22°40	14° 1	S 22
S 23	4 7 57	0♊29°41	7♌23	26°55	15°31	17° 4	28°34	0°32	13°22	7°59	14°39	25° 1	23°16	22°47	14° 1	S 23
M24	4 11 53	1°30'03	19°19	28°32	16°20	17°41	28°47	0°39	13°21	8° 0	14°38	25°R 2	23°13	22°53	14°D 1	M24
T 25	4 15 50	2°30'28	1♌10	0♊8	17°10	18°18	29° 0	0°45	13°19	8° 1	14°37	25° 2	23°10	23° 0	14° 1	T 25
W26	4 19 46	3°30'54	12°57	1°44	18° 0	18°55	29°13	0°52	13°18	8° 3	14°36	25° 0	23° 7	23° 7	14° 1	W26
T 27	4 23 43	4°31'22	24°45	3°20	18°51	19°32	29°26	0°59	13°17	8° 4	14°35	24°57	23° 4	23°13	14° 1	T 27
F 28	4 27 39	5°31'51	6♊35	4°55	19°43	20° 9	29°39	1° 5	13°16	8° 6	14°33	24°51	23° 1	23°20	14° 1	F 28
S 29	4 31 36	6°32'22	18°29	6°30	20°36	20°46	29°52	1°12	13°14	8° 7	14°32	24°44	22°57	23°27	14° 2	S 29
S 30	4 35 33	7♊32°55	0♋29	8♊5	21♌29	21♌23	0♋5	1♌18	13♐13	8♌8	14♑31	24♒35	22♓54	23♕33	14♖2	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14s17	25s27	3s41	6s28	2n 4	3s37	2s48	0s14	1n13	22s57	0n17	8s37	2n14	4n51	0s43	1s46	1n14	0n13	16s47	9n47	9n27	19s57	1s42	4n50			
S 2	14 36	27 27	4 23	7 0	2 4	3 33	2 36	0 29	1 13	22 57	0 17	8 40	2 14	4 50	0 43	1 47	1 14	0 13	16 47	9 46	9 25	19 59	1 43	4 50			
M 3	14 55	28 12	4 53	7 34	2 3	3 31	2 24	0 44	1 13	22 58	0 17	8 42	2 14	4 50	0 43	1 47	1 14	0 12	16 47	9 45	9 24	20 2	1 43	4 50			
T 4	15 14	27 37	5 11	8 8	2 1	3 29	2 12	0 59	1 13	22 59	0 17	8 45	2 14	4 49	0 43	1 48	1 14	0 12	16 47	9 44	9 23	20 4	1 44	4 49			
W 5	15 32	25 40	5 16	8 44	1 59	3 28	2 0	1 13	1 13	22 59	0 17	8 47	2 14	4 48	0 43	1 49	1 14	0 12	16 47	9 44	9 22	20 7	1 45	4 49			
T 6	15 50	22 25	5 5	9 21	1 56	3 28	1 49	1 28	1 13	23 0	0 17	8 50	2 14	4 47	0 43	1 49	1 14	0 11	16 47	9 44	9 21	20 9	1 46	4 49			
F 7	16 8	17 59	4 38	9 58	1 52	3 28	1 38	1 43	1 13	23 0	0 17	8 52	2 15	4 47	0 43	1 50	1 14	0 11	16 47	9 44	9 20	20 12	1 46	4 48			
S 8	16 25	12 34	3 56	10 35	1 48	3 30	1 27	1 57	1 13	23 1	0 16	8 55	2 15	4 46	0 43	1 51	1 14	0 11	16 47	9 44	9 18	20 14	1 47	4 48			
S 9	16 42	6 21	2 59	11 12	1 43	3 33	1 16	2 12	1 13	23 1	0 16	8 57	2 15	4 45	0 43	1 52	1 15	0 11	16 47	9 45	9 17	20 17	1 48	4 48			
M10	16 59	0n22	1 49	11 50	1 38	3 36	1 6	2 27	1 13	23 2	0 16	9 0	2 15	4 44	0 43	1 52	1 15	0 10	16 46	9 45	9 16	20 19	1 48	4 47			
T 11	17 16	7 16	0 30	12 27	1 33	3 40	0 55	2 41	1 13	23 2	0 16	9 2	2 15	4 44	0 43	1 53	1 15	0 10	16 46	9 45	9 15	20 22	1 49	4 47			
W12	17 32	13 56	0n53	13 4	1 27	3 45	0 45	2 56	1 13	23 3	0 16	9 4	2 15	4 43	0 43	1 54	1 15	0 10	16 46	9 45	9 14	20 24	1 49	4 47			
T 13	17 48	19 50	2 12	13 40	1 21	3 50	0 36	3 11	1 13	23 3	0 16	9 7	2 15	4 42	0 43	1 54	1 15	0 10	16 46	9 45	9 13	20 27	1 50	4 46			
F 14	18 4	24 27	3 23	14 16	1 15	3 57	0 26	3 25	1 13	23 4	0 16	9 9	2 15	4 42	0 43	1 55	1 15	0 9	16 46	9 44	9 11	20 29	1 51	4 46			
S 15	18 20	27 19	4 18	14 52	1 9	4 4	0 17	3 40	1 13	23 4	0 16	9 12	2 15	4 41	0 43	1 55	1 15	0 9	16 46	9 43	9 10	20 32	1 51	4 46			
S 16	18 35	28 10	4 55	15 27	1 2	4 11	0 8	3 54	1 13	23 4	0 15	9 14	2 15	4 40	0 43	1 56	1 15	0 9	16 46	9 41	9 9	20 34	1 52	4 45			
M17	18 50	27 3	5 12	16 1	0 56	4 20	0n 0	4 8	1 13	23 5	0 15	9 16	2 15	4 40	0 43	1 57	1 15	0 9	16 46	9 40	9 8	20 37	1 52	4 45			
T 18	19 4	24 16	5 10	16 35	0 49	4 29	0 9	4 23	1 13	23 5	0 15	9 19	2 15	4 39	0 43	1 57	1 15	0 8	16 46	9 39	9 7	20 39	1 53	4 45			
W19	19 18	20 14	4 50	17 7	0 42	4 38	0 17	4 37	1 13	23 6	0 15	9 21	2 16	4 39	0 43	1 58	1 15	0 8	16 46	9 38	9 6	20 42	1 53	4 44			
T 20	19 32	15 20	4 16	17 39	0 36	4 49	0 25	4 51	1 12	23 6	0 15	9 23	2 16	4 38	0 43	1 59	1 15	0 8	16 46	9 38	9 4	20 44	1 53	4 44			
F 21	19 46	9 55	3 30	18 10	0 29	4 59	0 32	5 6	1 12	23 6	0 15	9 25	2 16	4 37	0 43	1 59	1 15	0 8	16 46	9 38	9 3	20 47	1 54	4 44			
S 22	19 59	4 15	2 36	18 41	0 22	5 11	0 40	5 20	1 12	23 6	0 15	9 28	2 16	4 37	0 43	2 0	1 15	0 8	16 46	9 39	9 2	20 49	1 54	4 43			
S 23	20 11	1s28	1 35	19 10	0 15	5 22	0 47	5 34	1 12	23 7	0 15	9 30	2 16	4 36	0 43	2 0	1 15	0 7	16 46	9 39	9 1	20 52	1 55	4 43			
M24	20 24	7 4	0 31	19 38	0 8	5 35	0 54	5 48	1 12	23 7	0 15	9 32	2 16	4 36	0 43	2 1	1 15	0 7	16 45	9 40	9 0	20 54	1 55	4 43			
T 25	20 36	12 22	0s33	20 6	0 1	5 47	1 0	6 2	1 12	23 7	0 14	9 34	2 16	4 35	0 43	2 1	1 15	0 7	16 45	9 40	8 59	20 57	1 55	4 42			
W26	20 47	17 12	1 36	20 32	0s 5	6 0	1 7	6 17	1 12	23 7	0 14	9 36	2 16	4 35	0 42	2 2	1 15	0 7	16 45	9 39	8 57	20 59	1 55	4 42			
T 27	20 59	21 24	2 34	20 57	0 12	6 14	1 13	6 31	1 12	23 7	0 14	9 39	2 16	4 34	0 42	2 2	1 15	0 7	16 45	9 38	8 56	21 2	1 56	4 42			
F 28	21 9	24 44	3 26	21 22	0 19	6 28	1 19	6 44	1 12	23 8	0 14	9 41	2 17	4 34	0 42	2 3	1 15	0 7	16 45	9 36	8 55	21 4	1 56	4 41			
S 29	21 20	27 0	4 9	21 45	0 26	6 42	1 25	6 58	1 12	23 8	0 14	9 43	2 17	4 34	0 42	2 3	1 15	0 6	16 45	9 33	8 54	21 6	1 56	4 41			
S 30	21s30	28s 3	4s42	22s 7	0s32	6s57	1n31	7s12	1n12	23s 8	0n14	9s45	2n17	4n33	0s42	2s 4	1n15	0n 6	16s45	9n30	8n53	21s 9	1s56	4n41			

## ASTRODIENST EPHEMERIS for the year 2600

DECEMBER 2600

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	4 39 29	8°33'29	12°36	9°40	22°23	21°59	0°18	1°25	13°R12	8°10	14°R30	24°R27	22°Y51	23°M40	14°X 2	M 1
T 2	4 43 26	9°34'04	24°53	11°14	23°18	22°36	0°31	1°31	13°Y11	8°11	14°R29	24°Y19	22°48	23°47	14° 3	T 2
W 3	4 47 22	10°34'41	7°20	12°49	24°13	23°13	0°44	1°37	13°10	8°12	14°28	24°12	22°45	23°53	14° 3	W 3
T 4	4 51 19	11°35'19	20° 1	14°23	25° 9	23°50	0°58	1°44	13° 9	8°14	14°27	24° 8	22°42	24° 0	14° 4	T 4
F 5	4 55 15	12°35'57	2°58	15°57	26° 6	24°27	1°11	1°50	13° 8	8°15	14°26	24° 5	22°38	24° 7	14° 4	F 5
S 6	4 59 12	13°36'37	16°14	17°31	27° 3	25° 3	1°24	1°56	13° 8	8°16	14°25	24°D 5	22°35	24°13	14° 5	S 6
S 7	5 3 8	14°37'18	29°52	19° 5	28° 0	25°40	1°38	2° 2	13° 7	8°17	14°24	24° 5	22°32	24°20	14° 6	S 7
M 8	5 7 5	15°38'00	13°Y54	20°38	28°59	26°17	1°51	2° 8	13° 6	8°18	14°23	24° 7	22°29	24°27	14° 7	M 8
T 9	5 11 2	16°38'43	28°19	22°12	29°57	26°53	2° 4	2°14	13° 5	8°19	14°23	24°R 7	22°26	24°33	14° 8	T 9
W10	5 14 58	17°39'26	13°B 6	23°45	0°M56	27°30	2°18	2°20	13° 5	8°20	14°22	24° 5	22°22	24°40	14° 8	W10
T 11	5 18 55	18°40'11	28° 9	25°19	1°56	28° 7	2°31	2°26	13° 4	8°21	14°21	24° 1	22°19	24°47	14° 9	T 11
F 12	5 22 51	19°40'58	13°II20	26°52	2°56	28°43	2°45	2°32	13° 3	8°22	14°20	23°55	22°16	24°53	14°11	F 12
S 13	5 26 48	20°41'45	28°29	28°26	3°56	29°20	2°58	2°37	13° 3	8°23	14°19	23°47	22°13	25° 0	14°12	S 13
S 14	5 30 44	21°42'33	13°D26	29°59	4°57	29°56	3°12	2°43	13° 3	8°24	14°18	23°37	22°10	25° 7	14°13	S 14
M15	5 34 41	22°43'23	28° 1	1°B32	5°59	0°M33	3°25	2°49	13° 2	8°25	14°17	23°28	22° 7	25°13	14°14	M15
T 16	5 38 38	23°44'14	12°Q10	3° 5	7° 1	1° 9	3°39	2°54	13° 2	8°26	14°16	23°20	22° 3	25°20	14°15	T 16
W17	5 42 34	24°45'06	25°48	4°38	8° 3	1°46	3°52	3° 0	13° 1	8°27	14°16	23°14	22° 0	25°27	14°17	W17
T 18	5 46 31	25°45'59	8°M57	6°11	9° 5	2°22	4° 6	3° 5	13° 1	8°28	14°15	23°10	21°57	25°33	14°18	T 18
F 19	5 50 27	26°46'54	21°40	7°44	10° 8	2°59	4°19	3°11	13° 1	8°28	14°14	23°D 9	21°54	25°40	14°19	F 19
S 20	5 54 24	27°47'49	4°D 2	9°17	11°12	3°35	4°33	3°16	13° 1	8°29	14°13	23° 9	21°51	25°47	14°21	S 20
S 21	5 58 20	28°48'46	16° 7	10°50	12°15	4°12	4°47	3°21	13° 1	8°30	14°12	23° 9	21°48	25°53	14°22	S 21
M22	6 2 17	29°49'44	28° 0	12°23	13°19	4°48	5° 0	3°26	13° 1	8°30	14°12	23°R 9	21°44	26° 0	14°24	M22
T 23	6 6 13	0°B50'43	9°M48	13°55	14°23	5°24	5°14	3°31	13°D 1	8°31	14°11	23° 8	21°41	26° 7	14°26	T 23
W24	6 10 10	1°51'44	21°35	15°28	15°28	6° 0	5°28	3°36	13° 1	8°32	14°10	23° 4	21°38	26°13	14°27	W24
T 25	6 14 7	2°52'45	3°M24	17° 0	16°33	6°37	5°41	3°41	13° 1	8°32	14° 9	22°57	21°35	26°20	14°29	T 25
F 26	6 18 3	3°53'47	15°19	18°31	17°38	7°13	5°55	3°46	13° 1	8°33	14° 9	22°48	21°32	26°27	14°31	F 26
S 27	6 22 0	4°54'50	27°21	20° 3	18°44	7°49	6° 9	3°51	13° 1	8°33	14° 8	22°36	21°28	26°33	14°33	S 27
S 28	6 25 56	5°55'53	9°B32	21°33	19°49	8°25	6°22	3°56	13° 1	8°34	14° 8	22°22	21°25	26°40	14°35	S 28
M29	6 29 53	6°56'58	21°53	23° 3	20°55	9° 1	6°36	4° 0	13° 2	8°34	14° 7	22° 8	21°22	26°47	14°37	M29
T 30	6 33 49	7°58'02	4°M24	24°33	22° 1	9°37	6°50	4° 5	13° 2	8°35	14° 6	21°55	21°19	26°53	14°39	T 30
W31	6 37 46	8°59'07	17°M 6	26°B 1	23°M 8	10°M14	7°B 3	4°M 9	13°Y 3	8°B35	14°B 6	21°Y43	21°Y16	27°M 0	14°X41	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
M 1	21s40	27s46	5s 2	22s28	0s38	7s12	1n36	7s26	1n12	23s 8	0n14	9s47	2n17	4n33	0s42	2s 4
T 2	21 49	26 8	5 8	22 48	0 45	7 27	1 41	7 40	1 11	23 8	0 14	9 49	2 17	4 32	0 42	2 5
W 3	21 58	23 13	5 0	23 6	0 51	7 43	1 46	7 53	1 11	23 8	0 14	9 51	2 17	4 32	0 42	2 5
T 4	22 6	19 9	4 37	23 24	0 57	7 59	1 51	8 7	1 11	23 8	0 14	9 53	2 17	4 32	0 42	2 6
F 5	22 14	14 7	4 0	23 40	1 3	8 15	1 55	8 21	1 11	23 8	0 13	9 55	2 18	4 31	0 42	2 6
S 6	22 22	8 20	3 10	23 55	1 9	8 31	2 0	8 34	1 11	23 8	0 13	9 57	2 18	4 31	0 42	2 7
S 7	22 29	2 0	2 7	24 9	1 15	8 48	2 4	8 47	1 11	23 8	0 13	9 59	2 18	4 31	0 42	2 7
M 8	22 35	4n37	0 55	24 22	1 20	9 5	2 8	9 1	1 11	23 8	0 13	10 1	2 18	4 31	0 42	2 7
T 9	22 42	11 12	0n23	24 33	1 25	9 22	2 12	9 14	1 11	23 8	0 13	10 3	2 18	4 30	0 42	2 8
W10	22 48	17 19	1 40	24 43	1 30	9 39	2 15	9 27	1 10	23 8	0 13	10 5	2 18	4 30	0 42	2 8
T 11	22 53	22 29	2 52	24 52	1 35	9 56	2 19	9 40	1 10	23 8	0 13	10 7	2 18	4 30	0 42	2 8
F 12	22 58	26 10	3 52	25 0	1 40	10 14	2 22	9 54	1 10	23 7	0 13	10 8	2 19	4 30	0 42	2 9
S 13	23 2	27 57	4 36	25 6	1 45	10 31	2 25	10 7	1 10	23 7	0 13	10 10	2 19	4 30	0 42	2 9
S 14	23 6	27 40	5 0	25 11	1 49	10 49	2 28	10 20	1 10	23 7	0 13	10 12	2 19	4 30	0 42	2 9
M15	23 10	25 27	5 4	25 14	1 53	11 6	2 30	10 32	1 10	23 7	0 12	10 14	2 19	4 29	0 42	2 10
T 16	23 13	21 43	4 49	25 16	1 57	11 24	2 33	10 45	1 9	23 6	0 12	10 15	2 19	4 29	0 42	2 10
W17	23 16	16 55	4 17	25 17	2 0	11 42	2 35	10 58	1 9	23 6	0 12	10 17	2 20	4 29	0 42	2 10
T 18	23 18	11 29	3 33	25 16	2 3	12 0	2 37	11 11	1 9	23 6	0 12	10 19	2 20	4 29	0 42	2 11
F 19	23 19	5 44	2 40	25 14	2 6	12 17	2 39	11 23	1 9	23 5	0 12	10 20	2 20	4 29	0 42	2 11
S 20	23 21	0s 4	1 40	25 11	2 9	12 35	2 41	11 36	1 9	23 5	0 12	10 22	2 20	4 29	0 42	2 11
S 21	23 21	5 44	0 38	25 6	2 11	12 53	2 43	11 48	1 9	23 5	0 12	10 24	2 20	4 29	0 42	2 11
M22	23 22	11 8	0s26	24 59	2 13	13 11	2 44	12 0	1 8	23 4	0 12	10 25	2 20	4 29	0 42	2 12
T 23	23 22	16 5	1 27	24 52	2 14	13 28	2 45	12 13	1 8	23 4	0 12	10 27	2 21	4 29	0 41	2 12
W24	23 21	20 26	2 25	24 42	2 15	13 46	2 47	12 25	1 8	23 3	0 12	10 28	2 21	4 29	0 41	2 12
T 25	23 20	23 59	3 17	24 32	2 16	14 3	2 48	12 37	1 8	23 3	0 12	10 30	2 21	4 29	0 41	2 12
F 26	23 18	26 32	4 0	24 20	2 16	14 20	2 48	12 49	1 8	23 2	0 11	10 31	2 21	4 29	0 41	2 12
S 27	23 16	27 53	4 32	24 6	2 16	14 38	2 49	13 1	1 7	23 2	0 11	10 32	2 22	4 29	0 41	2 12
S 28	23 14	27 54	4 53	23 52	2 15	14 55	2 50	13 12	1 7	23 1	0 11	10 34	2 22	4 30	0 41	2 13
M29	23 11	26 32	5 0	23 35	2 13	15 11	2 50	13 24	1 7	23 1	0 11	10 35	2 22	4 30	0 41	2 13
T 30	23 7	23 51	4 54	23 18	2 11	15 28	2 50	13 36	1 7	23 0	0 11	10 36	2 22	4 30	0 41	2 13
W31	23s 4	19s59	4s32	22s59	2s 9	15s45	2n51	13s47	1n 6	23s 0	0n11	10s38	2n22	4n30	0s41	2s13

Julian Day Number = 2671024.5, Delta T = 20m16s

Ecliptic obliquity = 23°21'48, Nutation = - 0°00'08

Ayanamsha: Fagan/Bradley = 33°08'43, Lahiri = 32°15'42

## ASTRODIENST EPHEMERIS for the year 2601

JANUARY 2601

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 41 42	10° 0' 13"	29° 58' 58"	27° 28' 28"	24° 14' 14"	10° 50' 50"	7° 17' 17"	4° 14' 14"	13° 3' 3"	8° 35' 35"	14° 5' 5"	21° 35' 35"	21° 13' 13"	27° 7' 7"	14° 43' 43"	T 1
F 2	6 45 39	11° 1' 18"	13° 3' 3"	28° 54' 54"	25° 21' 21"	11° 25' 25"	7° 31' 31"	4° 18' 18"	13° 4' 4"	8° 35' 35"	14° 5' 5"	21° 29' 29"	21° 9' 9"	27° 13' 13"	14° 45' 45"	F 2
S 3	6 49 36	12° 2' 24"	26° 21' 21"	0° 18' 18"	26° 28' 28"	12° 1' 1'	7° 45' 45"	4° 22' 22"	13° 4' 4"	8° 36' 36"	14° 4' 4"	21° 27' 27"	21° 6' 6"	27° 20' 20"	14° 48' 48"	S 3
S 4	6 53 32	13° 3' 30"	9° 54' 54"	1° 39' 39"	27° 36' 36"	12° 37' 37"	7° 58' 58"	4° 26' 26"	13° 5' 5"	8° 36' 36"	14° 3' 3"	21° D26	21° 3' 3"	27° 27' 27"	14° 50' 50"	S 4
M 5	6 57 29	14° 4' 36"	23° 44' 44"	2° 59' 59"	28° 43' 43"	13° 13' 13"	8° 12' 12"	4° 30' 30"	13° 5' 5"	8° 36' 36"	14° 3' 3"	21° R26	21° 0' 0"	27° 33' 33"	14° 52' 52"	M 5
T 6	7 1 25	15° 5' 42"	7° 52' 52"	4° 16' 16"	29° 51' 51"	13° 49' 49"	8° 26' 26"	4° 34' 34"	13° 6' 6"	8° 36' 36"	14° 3' 3"	21° 25' 25"	20° 57' 57"	27° 40' 40"	14° 55' 55"	T 6
W 7	7 5 22	16° 6' 48"	22° 18' 18"	5° 29' 29"	0° 59' 59"	14° 25' 25"	8° 39' 39"	4° 38' 38"	13° 7' 7"	8° 36' 36"	14° 2' 2"	21° 23' 23"	20° 54' 54"	27° 47' 47"	14° 57' 57"	W 7
T 8	7 9 18	17° 7' 54"	6° 11' 11"	6° 38' 38"	2° 7' 7"	15° 0' 0"	8° 53' 53"	4° 42' 42"	13° 8' 8"	8° 36' 36"	14° 2' 2"	21° 18' 18"	20° 50' 50"	27° 53' 53"	15° 0' 0"	T 8
F 9	7 13 15	18° 9' 01"	21° 47' 47"	7° 43' 43"	3° 15' 15"	15° 36' 36"	9° 6' 6"	4° 46' 46"	13° 9' 9"	8° 37' 37"	14° 1' 1"	21° 9' 9"	20° 47' 47"	28° 0' 0"	15° 2' 2"	F 9
S 10	7 17 12	19° 10' 07"	6° 39' 39"	8° 43' 43"	4° 24' 24"	16° 12' 12"	9° 20' 20"	4° 49' 49"	13° 10' 10"	8° R37	14° 1' 1"	20° 59' 59"	20° 44' 44"	28° 7' 7"	15° 5' 5"	S 10
S 11	7 21 8	20° 11' 13"	21° 23' 23"	9° 36' 36"	5° 32' 32"	16° 47' 47"	9° 34' 34"	4° 53' 53"	13° 11' 11"	8° 37' 37"	14° 0' 0"	20° 46' 46"	20° 41' 41"	28° 13' 13"	15° 7' 7"	S 11
M 12	7 25 5	21° 12' 20"	5° 53' 53"	10° 23' 23"	6° 41' 41"	17° 23' 23"	9° 47' 47"	4° 56' 56"	13° 12' 12"	8° 36' 36"	14° 0' 0"	20° 34' 34"	20° 38' 38"	28° 20' 20"	15° 10' 10"	M 12
T 13	7 29 1	22° 13' 26"	20° 0' 0"	11° 2' 2"	7° 50' 50"	17° 59' 59"	10° 1' 1"	5° 0' 0"	13° 13' 13"	8° 36' 36"	14° 0' 0"	20° 23' 23"	20° 34' 34"	28° 27' 27"	15° 13' 13"	T 13
W 14	7 32 58	23° 14' 33"	3° 10' 10"	11° 32' 32"	8° 59' 59"	18° 34' 34"	10° 14' 14"	5° 3' 3"	13° 14' 14"	8° 36' 36"	13° 59' 59"	20° 14' 14"	20° 31' 31"	28° 33' 33"	15° 15' 15"	W 14
T 15	7 36 54	24° 15' 39"	16° 55' 55"	11° 53' 53"	10° 8' 8"	19° 9' 9"	10° 28' 28"	5° 6' 6"	13° 15' 15"	8° 36' 36"	13° 59' 59"	20° 8' 8"	20° 28' 28"	28° 40' 40"	15° 18' 18"	T 15
F 16	7 40 51	25° 16' 46"	29° 43' 43"	12° R 3	11° 18' 18"	19° 45' 45"	10° 41' 41"	5° 9' 9"	13° 16' 16"	8° 36' 36"	13° 59' 59"	20° 5' 5"	20° 25' 25"	28° 47' 47"	15° 21' 21"	F 16
S 17	7 44 47	26° 17' 54"	12° 8' 8"	12° 2' 2"	12° 27' 27"	20° 20' 20"	10° 55' 55"	5° 12' 12"	13° 17' 17"	8° 36' 36"	13° 59' 59"	20° 3' 3"	20° 22' 22"	28° 53' 53"	15° 24' 24"	S 17
S 18	7 48 44	27° 19' 01"	24° 16' 16"	11° 50' 50"	13° 37' 37"	20° 56' 56"	11° 8' 8"	5° 15' 15"	13° 19' 19"	8° 35' 35"	13° 58' 58"	20° 3' 3"	20° 19' 19"	29° 0' 0"	15° 27' 27"	S 18
M 19	7 52 41	28° 20' 08"	6° 11' 11"	11° 26' 26"	14° 47' 47"	21° 31' 31"	11° 22' 22"	5° 17' 17"	13° 20' 20"	8° 35' 35"	13° 58' 58"	20° 3' 3"	20° 15' 15"	29° 7' 7"	15° 30' 30"	M 19
T 20	7 56 37	29° 21' 16"	18° 1' 1"	10° 50' 50"	15° 57' 57"	22° 6' 6"	11° 35' 35"	5° 20' 20"	13° 22' 22"	8° 35' 35"	13° 58' 58"	20° 2' 2"	20° 12' 12"	29° 13' 13"	15° 33' 33"	T 20
W 21	8 0 34	0° 22' 23"	29° 49' 49"	10° 2' 2"	17° 7' 7"	22° 41' 41"	11° 49' 49"	5° 23' 23"	13° 23' 23"	8° 34' 34"	13° 58' 58"	19° 58' 58"	20° 9' 9"	29° 20' 20"	15° 36' 36"	W 21
T 22	8 4 30	1° 23' 31"	11° 54' 54"	9° 5' 5"	18° 17' 17"	23° 16' 16"	12° 2' 2"	5° 25' 25"	13° 24' 24"	8° 34' 34"	13° 58' 58"	19° 52' 52"	20° 6' 6"	29° 27' 27"	15° 39' 39"	T 22
F 23	8 8 27	2° 24' 39"	23° 39' 39"	7° 59' 59"	19° 28' 28"	23° 51' 51"	12° 15' 15"	5° 28' 28"	13° 26' 26"	8° 34' 34"	13° 58' 58"	19° 43' 43"	20° 3' 3"	29° 33' 33"	15° 42' 42"	F 23
S 24	8 12 23	3° 25' 46"	5° 34' 34"	6° 47' 47"	20° 38' 38"	24° 26' 26"	12° 29' 29"	5° 30' 30"	13° 28' 28"	8° 33' 33"	13° 57' 57"	19° 31' 31"	20° 0' 0"	29° 40' 40"	15° 45' 45"	S 24
S 25	8 16 20	4° 26' 53"	18° 12' 12"	5° 30' 30"	21° 49' 49"	25° 1' 1"	12° 42' 42"	5° 32' 32"	13° 29' 29"	8° 33' 33"	13° 57' 57"	19° 18' 18"	19° 56' 56"	29° 47' 47"	15° 48' 48"	S 25
M 26	8 20 16	5° 28' 00"	0° 48' 48"	4° 11' 11"	22° 59' 59"	25° 36' 36"	12° 55' 55"	5° 34' 34"	13° 31' 31"	8° 32' 32"	13° 57' 57"	19° 4' 4"	19° 53' 53"	29° 54' 54"	15° 52' 52"	M 26
T 27	8 24 13	6° 29' 06"	13° 38' 38"	2° 53' 53"	24° 10' 10"	26° 11' 11"	13° 8' 8"	5° 36' 36"	13° 33' 33"	8° 32' 32"	13° 57' 57"	18° 51' 51"	19° 50' 50"	0° 7' 7"	15° 55' 55"	T 27
W 28	8 28 10	7° 30' 12"	26° 41' 41"	1° 37' 37"	25° 21' 21"	26° 46' 46"	13° 21' 21"	5° 38' 38"	13° 35' 35"	8° 31' 31"	13° D57	18° 40' 40"	19° 47' 47"	0° 7' 7"	15° 58' 58"	W 28
T 29	8 32 6	8° 31' 17"	9° 54' 54"	0° 27' 27"	26° 32' 32"	27° 21' 21"	13° 35' 35"	5° 40' 40"	13° 36' 36"	8° 30' 30"	13° 57' 57"	18° 32' 32"	19° 44' 44"	0° 14' 14"	16° 1' 1"	T 29
F 30	8 36 3	9° 32' 22"	23° 18' 18"	29° 32' 32"	27° 43' 43"	27° 55' 55"	13° 48' 48"	5° 41' 41"	13° 38' 38"	8° 30' 30"	13° 57' 57"	18° 26' 26"	19° 40' 40"	0° 20' 20"	16° 5' 5"	F 30
S 31	8 39 59	10° 33' 25"	6° 52' 52"	28° 32' 32"	28° 54' 54"	28° 30' 30"	14° 3' 3"	5° 43' 43"	13° 40' 40"	8° 29' 29"	13° 57' 57"	18° 24' 24"	19° 37' 37"	0° 27' 27"	16° 8' 8"	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	22s59	15s 8	3s56	22s39	2s 6	16s 1	2n51	13s59	1n 6	22s59	0n11	10s39	2n23	4n30	0s41	2s13	1n17	0n 6	16s37	8n23	8n15	22s24	1s50	4n30			
F 2	22 54	9 32	3 8	22 18	2 2	16 17	2 50	14 10	1 6	22 58	0 11	10 40	2 23	4 31	0 41	2 13	1 17	0 6	16 37	8 21	8 14	22 26	1 50	4 30			
S 3	22 49	3 25	2 8	21 56	1 57	16 33	2 50	14 21	1 6	22 58	0 11	10 41	2 23	4 31	0 41	2 13	1 17	0 7	16 36	8 20	8 13	22 28	1 49	4 30			
S 4	22 43	2n59	1 1	21 32	1 51	16 48	2 50	14 32	1 6	22 57	0 11	10 43	2 23	4 31	0 41	2 13	1 17	0 7	16 36	8 20	8 11	22 30	1 49	4 29			
M 5	22 37	9 22	0n12	21 8	1 45	17 3	2 49	14 43	1 5	22 56	0 11	10 44	2 23	4 31	0 41	2 13	1 17	0 7	16 36	8 20	8 10	22 32	1 48	4 29			
T 6	22 31	15 27	1 26	20 43	1 38	17 18	2 49	14 54	1 5	22 55	0 10	10 45	2 24	4 32	0 41	2 13	1 17	0 7	16 35	8 20	8 9	22 35	1 47	4 29			
W 7	22 24	20 47	2 35	20 17	1 30	17 33	2 48	15 5	1 5	22 55	0 10	10 46	2 24	4 32	0 41	2 13	1 17	0 7	16 35	8 19	8 8	22 37	1 47	4 28			
T 8	22 16	24 57	3 36	19 51	1 21	17 47	2 47	15 16	1 4	22 54	0 10	10 47	2 24	4 32	0 41	2 13	1 17	0 8	16 35	8 17	8 7	22 39	1 46	4 28			
F 9	22 8	27 28	4 22	19 25	1 11	18 1	2 46	15 26	1 4	22 53	0 10	10 48	2 24	4 33	0 41	2 13	1 17	0 8	16 35	8 14	8 5	22 41	1 45	4 28			
S 10	22 0	28 2	4 51	18 59	0 59	18 15	2 45	15 37	1 4	22 52	0 10	10 49	2 25	4 33	0 41	2 13	1 17	0 8	16 34	8 10	8 4	22 44	1 45	4 28			
S 11	21 51	26 36	5 0	18 33	0 47	18 28	2 44	15 47	1 4	22 51	0 10	10 50	2 25	4 34	0 41	2 13	1 17	0 8	16 34	8 5	8 3	22 46	1 44	4 27			
M 12	21 42	23 25	4 49	18 8	0 34	18 41	2 43	15 57	1 3	22 50	0 10	10 51	2 25	4 34	0 41	2 13	1 17	0 8	16 34	8 1	8 2	22 48	1 43	4 27			
T 13	21 32	18 54	4 21	17 43	0 20	18 54	2 41	16 7	1 3	22 49	0 10	10 52	2 25	4 35	0 41	2 13	1 17	0 9	16 33	7 56	8 1	22 50	1 42	4 27			
W 14	21 22	13 31	3 39	17 20	0 4	19 6	2 40	16 18	1 3	22 48	0 10	10 52	2 26	4 35	0 41	2 13	1 18	0 9	16 33	7 53	7 59	22 52	1 42	4 26			
T 15	21 12	7 42	2 46	16 58	0n12	19 18	2 38	16 27	1 2	22 47	0 10	10 53	2 26	4 35	0 41	2 13	1 18	0 9	16 33	7 51	7 58	22 54	1 41	4 26			
F 16	21 1	1 44	1 45	16 39	0 30	19 29	2 36	16 37	1 2	22 46	0 10	10 54	2 26	4 36	0 41	2 13	1 18	0 9	16 32	7 49	7 57	22 57	1 40	4 26			
S 17	20 50	4s 8	0 42	16 22	0 48	19 40	2 35	16 47	1 2	22 45	0 10	10 55	2 26	4 36	0 40	2 12	1 18	0 10	16 32	7 49	7 56	22 59	1 39	4 26			
S 18	20 38	9 44	0s22	16 7	1 7	19 50	2 33	16 57	1 1	22 44	0 9	10 55	2 27	4 37	0 40	2 12	1 18	0 10	16 31	7 49	7 55	23 1	1 38	4 25			
M 19	20 26	14 52	1 24	15 56	1 25	20 0	2 31	17 6	1 1	22 43	0 9	10 56	2 27	4 38	0 40	2 12	1 18	0 10	16 31	7 49	7 54	23 3	1 37	4 25			
T 20	20 13	19 25	2 22	15 47	1 44	20 10	2 29	17 16	1 1	22 42	0 9	10 57	2 27	4 38	0 40	2 12	1 18	0 10	16 31	7 48	7 52	23 5	1 36	4 25			
W 21	20 0	23 12	3 14	15 42	2 3	20 19	2 26	17 25	1 0	22 41	0 9	10 57	2 27	4 39	0 40	2 12	1 18	0 11	16 30	7 47	7 51	23 7	1 35	4 25			
T 22	19 47	26 2	3 57	15 40	2 20	20 27	2 24	17 34	1 0	22 40	0 9	10 58	2 28	4 39	0 40	2 12	1 18	0 11	16 30	7 45	7 50	23 10	1 34	4 24			
F 23	19 34	27 43	4 31	15 42	2 36	20 35	2 22	17 43	1 0	22 39	0 9	10 58	2 28	4 40	0 40	2 11	1 18	0 11	16 30	7 41	7 49	23 12	1 33	4 24			
S 24	19 20	28 6	4 52	15 46	2 51	20 43	2 20	17 52	0 59	22 38	0 9	10 59	2 28	4 41	0 40	2 11	1 18	0 12	16 29	7 37	7 48	23 14	1 32	4 24			
S 25	19 5	27 6	5 1	15 52	3 3	20 50	2 17	18 1	0 59	22 37	0 9	10 59	2 28	4 41	0 40	2 11	1 18	0 12	16 29	7 32	7 46	23 16	1 31	4 24			
M 26	18 51	24 42	4 54	16 1	3 13	20 56	2 15	18 9	0 58	22 36	0 9	11 0	2 29	4 42	0 40	2 11	1 18	0 12	16 29	7 27	7 45	23 18	1 30	4 23			
T 27	18 36	21 2	4 33	16 11	3 21	21 2	2 12	18 18	0 58	22 34	0 9	11 0	2 29	4 43	0 40	2 10	1 18	0 13	16 28	7 22	7 44	23 20	1 29	4 23			
W 28	18 20	16 19	3 58	16 23	3 26	21 8	2 9	18 26	0 58	22 33	0 9	11 1	2 29	4 43	0 40	2 10	1 18	0 13	16 28	7 18	7 43	23 22	1 28	4 23			
T 29	18 5	10 45	3 9	16 36	3 29	21 13	2 7	18 35	0 57	22 32	0 9	11 1	2 29	4 44	0 40	2 10	1 18	0 13	16 28	7 14	7 42	23 24	1 27	4 23			
F 30	17 48	4 38	2 9	16 49	3 29	21 17	2 4	18 43	0 57	22 31	0 8	11 1	2 30	4 45	0 40	2 9	1 18	0 14	16 27	7 12	7 40	23 26	1 26	4 23			
S 31	17s32	1n47	1s 1	17s 2	3n27	21s21	2n 1	18s51	0n56	22s29	0n 8	11s 1	2n30	4n46	0s40	2s 9	1n18	0n14	16s27	7n11	7n39	23s28	1s25	4n22			

## ASTRODIENST EPHEMERIS for the year 2601

FEBRUARY 2601

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 43 56	11°34'28"	20°34'34"	27°R40	0°5 5	29°M 4	14°314	5°M44	13°Y42	8°R28	13°58	18°D23	19°Y34	0°34	16°K12	S 1
M 2	8 47 52	12°35'30"	4°26	27°3 1	1°16	29°39	14°26	5°45	13°44	8°28	13°58	18°Y24	19°31	0°40	16°15	M 2
T 3	8 51 49	13°36'30"	18°28	26°32	2°28	0°213	14°39	5°47	13°46	8°27	13°58	18°R24	19°28	0°47	16°18	T 3
W 4	8 55 45	14°37'30"	2°II38	26°12	3°39	0°48	14°52	5°48	13°48	8°26	13°58	18°22	19°25	0°54	16°22	W 4
T 5	8 59 42	15°38'29"	16°57	26° 1	4°51	1°22	15° 5	5°49	13°50	8°25	13°58	18°19	19°21	1° 0	16°25	T 5
F 6	9 3 39	16°39'27"	1°319	25°D58	6° 2	1°56	15°18	5°50	13°53	8°24	13°58	18°12	19°18	1° 7	16°29	F 6
S 7	9 7 35	17°40'23"	15°43	26° 3	7°14	2°30	15°30	5°50	13°55	8°23	13°58	18° 4	19°15	1°14	16°33	S 7
S 8	9 11 32	18°41'19"	0°1 1	26°15	8°26	3° 4	15°43	5°51	13°57	8°23	13°59	17°54	19°12	1°20	16°36	S 8
M 9	9 15 28	19°42'13"	14° 8	26°34	9°37	3°38	15°56	5°52	13°59	8°22	13°59	17°44	19° 9	1°27	16°40	M 9
T 10	9 19 25	20°43'07"	27°59	26°59	10°49	4°12	16° 8	5°52	14° 2	8°21	13°59	17°35	19° 6	1°34	16°43	T 10
W 11	9 23 21	21°43'59"	11°119	27°30	12° 1	4°46	16°20	5°53	14° 4	8°20	14° 0	17°27	19° 2	1°40	16°47	W 11
T 12	9 27 18	22°44'51"	24°38	28° 6	13°13	5°20	16°33	5°53	14° 6	8°19	14° 0	17°22	18°59	1°47	16°51	T 12
F 13	9 31 14	23°45'42"	7°25	28°46	14°25	5°53	16°45	5°53	14° 9	8°18	14° 0	17°20	18°56	1°54	16°54	F 13
S 14	9 35 11	24°46'31"	19°52	29°31	15°37	6°27	16°57	5°R53	14°11	8°16	14° 1	17°D19	18°53	2° 0	16°58	S 14
S 15	9 39 8	25°47'20"	2°M 2	0°20	16°50	7° 1	17°10	5°53	14°14	8°15	14° 1	17°20	18°50	2° 7	17° 2	S 15
M 16	9 43 4	26°48'08"	14° 0	1°13	18° 2	7°34	17°22	5°53	14°16	8°14	14° 1	17°21	18°46	2°14	17° 6	M 16
T 17	9 47 1	27°48'56"	25°51	2° 9	19°14	8° 7	17°34	5°53	14°19	8°13	14° 2	17°R22	18°43	2°20	17° 9	T 17
W 18	9 50 57	28°49'42"	7°41	3° 7	20°26	8°41	17°46	5°52	14°21	8°12	14° 2	17°22	18°40	2°27	17°13	W 18
T 19	9 54 54	29°50'27"	19°34	4° 9	21°39	9°14	17°58	5°52	14°24	8°11	14° 3	17°19	18°37	2°34	17°17	T 19
F 20	9 58 50	0°51'12"	1°36	5°13	22°51	9°47	18°10	5°51	14°27	8° 9	14° 3	17°15	18°34	2°41	17°21	F 20
S 21	10 2 47	1°51'55"	13°50	6°19	24° 4	10°20	18°21	5°50	14°29	8° 8	14° 4	17° 9	18°31	2°47	17°25	S 21
S 22	10 6 43	2°52'38"	26°20	7°28	25°16	10°53	18°33	5°50	14°32	8° 7	14° 4	17° 1	18°27	2°54	17°29	S 22
M 23	10 10 40	3°53'19"	9°28	8°38	26°29	11°26	18°45	5°49	14°35	8° 6	14° 5	16°53	18°24	3° 1	17°32	M 23
T 24	10 14 37	4°53'58"	22°13	9°51	27°42	11°58	18°56	5°48	14°38	8° 4	14° 5	16°45	18°21	3° 7	17°36	T 24
W 25	10 18 33	5°54'37"	5°36	11° 5	28°54	12°31	19° 8	5°47	14°41	8° 3	14° 6	16°39	18°18	3°14	17°40	W 25
T 26	10 22 30	6°55'14"	19°14	12°21	0°27	13° 4	19°19	5°45	14°43	8° 2	14° 7	16°34	18°15	3°21	17°44	T 26
F 27	10 26 26	7°55'49"	3°Y 4	13°38	1°20	13°36	19°30	5°44	14°46	8° 0	14° 7	16°31	18°12	3°27	17°48	F 27
S 28	10 30 23	8°56'23"	17°Y 4	14°57	2°32	14°28	19°32	5°M43	14°Y49	7°59	14°8	16°D30	18°Y 8	3°34	17°52	S 28

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	17s15	8n11	0n12	17s15	3n23	21s24	1n58	18s59	0n56	22s28	0n 8	11s 2	2n30	4n47	0s40	2s 9	1n18	0n14	16s27	7n11	7n38	23s31	1s24	4n22				
M 2	16 58	14 17	1 24	17 28	3 17	21 26	1 55	19 7	0 55	22 27	0 8	11 2	2 31	4 47	0 40	2 9	1 18	0 15	16 26	7 11	7 37	23 33	1 23	4 22				
T 3	16 41	19 43	2 33	17 40	3 10	21 28	1 52	19 14	0 55	22 26	0 8	11 2	2 31	4 48	0 40	2 8	1 19	0 15	16 26	7 11	7 36	23 35	1 22	4 22				
W 4	16 24	24 6	3 33	17 52	3 2	21 30	1 49	19 22	0 54	22 24	0 8	11 2	2 31	4 49	0 40	2 8	1 19	0 15	16 25	7 11	7 34	23 37	1 21	4 22				
T 5	16 6	27 2	4 20	18 3	2 53	21 31	1 46	19 29	0 54	22 23	0 8	11 2	2 31	4 50	0 40	2 7	1 19	0 16	16 25	7 9	7 33	23 39	1 19	4 21				
F 6	15 48	28 12	4 51	18 13	2 43	21 31	1 43	19 37	0 53	22 22	0 8	11 2	2 32	4 51	0 40	2 7	1 19	0 16	16 25	7 7	7 32	23 41	1 18	4 21				
S 7	15 29	27 28	5 4	18 23	2 32	21 30	1 40	19 44	0 53	22 20	0 8	11 2	2 32	4 52	0 40	2 7	1 19	0 17	16 24	7 4	7 31	23 43	1 17	4 21				
S 8	15 11	24 55	4 57	18 31	2 21	21 30	1 36	19 51	0 52	22 19	0 8	11 2	2 32	4 53	0 40	2 6	1 19	0 17	16 24	7 0	7 30	23 45	1 16	4 21				
M 9	14 52	20 53	4 33	18 39	2 10	21 28	1 33	19 58	0 52	22 17	0 8	11 2	2 32	4 53	0 40	2 6	1 19	0 17	16 24	6 56	7 28	23 47	1 15	4 21				
T 10	14 32	15 46	3 52	18 45	1 59	21 26	1 30	20 5	0 51	22 16	0 8	11 2	2 33	4 54	0 40	2 5	1 19	0 18	16 23	6 53	7 27	23 49	1 13	4 21				
W 11	14 13	10 0	3 0	18 50	1 48	21 23	1 27	20 11	0 51	22 15	0 7	11 2	2 33	4 55	0 40	2 5	1 19	0 18	16 23	6 50	7 26	23 51	1 12	4 20				
T 12	13 53	3 56	1 59	18 54	1 36	21 20	1 23	20 18	0 50	22 13	0 7	11 2	2 33	4 56	0 40	2 5	1 19	0 19	16 23	6 48	7 25	23 53	1 11	4 20				
F 13	13 33	2s 7	0 53	18 57	1 25	21 16	1 20	20 24	0 50	22 12	0 7	11 2	2 33	4 57	0 40	2 4	1 19	0 19	16 22	6 47	7 24	23 55	1 9	4 20				
S 14	13 13	7 57	0s14	18 59	1 14	21 11	1 17	20 31	0 49	22 10	0 7	11 1	2 34	4 58	0 40	2 4	1 19	0 20	16 22	6 47	7 22	23 57	1 8	4 20				
S 15	12 53	13 22	1 18	18 59	1 3	21 6	1 13	20 37	0 49	22 9	0 7	11 1	2 34	4 59	0 40	2 3	1 19	0 20	16 22	6 47	7 21	23 59	1 7	4 20				
M 16	12 32	18 12	2 19	18 59	0 52	21 0	1 10	20 43	0 48	22 7	0 7	11 1	2 34	5 0	0 39	2 3	1 19	0 20	16 21	6 48	7 20	24 1	1 6	4 20				
T 17	12 12	22 16	3 12	18 57	0 42	20 54	1 6	20 49	0 47	22 6	0 7	11 0	2 35	5 1	0 39	2 2	1 19	0 21	16 21	6 48	7 19	24 3	1 4	4 19				
W 18	11 51	25 26	3 58	18 54	0 31	20 47	1 3	20 55	0 47	22 4	0 7	11 0	2 35	5 2	0 39	2 2	1 19	0 21	16 21	6 48	7 18	24 5	1 3	4 19				
T 19	11 30	27 30	4 33	18 49	0 21	20 39	1 0	21 0	0 46	22 3	0 7	11 0	2 35	5 3	0 39	2 1	1 19	0 22	16 20	6 47	7 16	24 7	1 2	4 19				
F 20	11 8	28 18	4 57	18 43	0 11	20 31	0 56	21 6	0 46	22 2	0 7	10 59	2 35	5 4	0 39	2 1	1 19	0 22	16 20	6 45	7 15	24 9	1 0	4 19				
S 21	10 47	27 45	5 8	18 37	0 1	20 22	0 53	21 11	0 45	22 0	0 7	10 59	2 36	5 5	0 39	2 0	1 19	0 23	16 20	6 43	7 14	24 11	0 59	4 19				
S 22	10 25	25 48	5 4	18 28	0s 8	20 13	0 49	21 17	0 44	21 59	0 7	10 58	2 36	5 6	0 39	2 0	1 19	0 23	16 19	6 40	7 13	24 13	0 57	4 19				
M 23	10 3	22 30	4 46	18 19	0 17	20 3	0 46	21 22	0 44	21 57	0 6	10 58	2 36	5 8	0 39	1 59	1 19	0 24	16 19	6 37	7 12	24 15	0 56	4 19				
T 24	9 41	18 2	4 12	18 8	0 26	19 52	0 42	21 27	0 43	21 55	0 6	10 57	2 36	5 9	0 39	1 59	1 19	0 24	16 19	6 34	7 10	24 16	0 55	4 19				
W 25	9 19	12 35	3 23	17 56	0 34	19 41	0 39	21 32	0 42	21 54	0 6	10 56	2 37	5 10	0 39	1 58	1 19	0 25	16 18	6 31	7 9	24 18	0 53	4 18				
T 26	8 57	6 26	2 23	17 43	0 42	19 29	0 35	21 37	0 41	21 52	0 6	10 56	2 37	5 11	0 39	1 57	1 19	0 25	16 18	6 30	7 8	24 20	0 52	4 18				
F 27	8 34	0n 7	1 12	17 29	0 50	19 17	0 32	21 41	0 41	21 51	0 6	10 55	2 37	5 12	0 39	1 57	1 19	0 26	16 18	6 28	7 7	24 22	0 50	4 18				
S 28	8s12	6n44	0n 3	17s13	0s58	19s 4	0n28	21s46	0n40	21s49	0n 6	10s54	2n37	5n13	0s39	1s56	1n19	0n26	16s17	6n28	7n 6	24s24	0s49	4n18				

Julian Day Number = 2671086.5, Delta T = 20m16s

Ecliptic obliquity = 23°21'49", Nutation = - 0°00'05"

Ayanamsha: Fagan/Bradley = 33°08'51", Lahiri = 32°15'51"

## ASTRODIENST EPHEMERIS for the year 2601

MARCH 2601

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 34 19	9♂56°55	1♂ 9	16♂17	3♂45	14♂40	19♂53	5°R41	14♂52	7°R58	14♂ 9	16♂31	18♂ 5	3♂41	17♂56	S 1
M 2	10 38 16	10°57'26	15°18	17°39	4°58	15°13	20° 4	5♂39	14°55	7♂56	14° 9	16°33	18° 2	3°47	18° 0	M 2
T 3	10 42 12	11°57'54	29°28	19° 1	6°11	15°44	20°15	5°38	14°58	7°55	14°10	16°34	17°59	3°54	18° 4	T 3
W 4	10 46 9	12°58'21	13♂38	20°25	7°24	16°16	20°25	5°36	15° 1	7°53	14°11	16°R34	17°56	4° 1	18° 8	W 4
T 5	10 50 6	13°58'46	27°45	21°51	8°37	16°48	20°36	5°34	15° 4	7°52	14°11	16°34	17°52	4° 7	18°12	T 5
F 6	10 54 2	14°59'09	11♂49	23°17	9°50	17°20	20°47	5°32	15° 7	7°50	14°12	16°31	17°49	4°14	18°16	F 6
S 7	10 57 59	15°59'31	25°47	24°45	11° 2	17°51	20°57	5°30	15°10	7°49	14°13	16°28	17°46	4°21	18°20	S 7
S 8	11 1 55	16°59'50	9♂36	26°13	12°15	18°22	21° 8	5°28	15°13	7°47	14°14	16°23	17°43	4°27	18°23	S 8
M 9	11 5 52	18° 0'07	23°14	27°43	13°28	18°54	21°18	5°25	15°16	7°46	14°15	16°19	17°40	4°34	18°27	M 9
T 10	11 9 48	19° 0'22	6♂38	29°14	14°42	19°25	21°29	5°23	15°20	7°44	14°15	16°14	17°37	4°41	18°31	T 10
W 11	11 13 45	20° 0'36	19°48	0♂46	15°55	19°56	21°39	5°20	15°23	7°43	14°16	16°11	17°33	4°48	18°35	W 11
T 12	11 17 41	21° 0'48	2♂41	2°19	17° 8	20°27	21°49	5°18	15°26	7°41	14°17	16° 9	17°30	4°54	18°39	T 12
F 13	11 21 38	22° 0'58	15°18	3°53	18°21	20°57	21°59	5°15	15°29	7°39	14°18	16°D 8	17°27	5° 1	18°43	F 13
S 14	11 25 35	23° 1'07	27°40	5°28	19°34	21°28	22° 9	5°12	15°32	7°38	14°19	16° 9	17°24	5° 8	18°47	S 14
S 15	11 29 31	24° 1'14	9♂48	7° 4	20°47	21°58	22°18	5°10	15°36	7°36	14°20	16°10	17°21	5°14	18°51	S 15
M 16	11 33 28	25° 1'19	21°47	8°42	22° 0	22°29	22°28	5° 7	15°39	7°35	14°21	16°12	17°17	5°21	18°55	M 16
T 17	11 37 24	26° 1'23	3♂39	10°20	23°13	22°59	22°37	5° 4	15°42	7°33	14°22	16°13	17°14	5°28	18°59	T 17
W 18	11 41 21	27° 1'25	15°30	12° 0	24°27	23°29	22°47	5° 1	15°45	7°31	14°23	16°15	17°11	5°34	19° 3	W 18
T 19	11 45 17	28° 1'26	27°24	13°40	25°40	23°58	22°56	4°57	15°49	7°30	14°24	16°R15	17° 8	5°41	19° 7	T 19
F 20	11 49 14	29° 1'25	9♂26	15°22	26°53	24°28	23° 5	4°54	15°52	7°28	14°25	16°15	17° 5	5°48	19°11	F 20
S 21	11 53 10	0♂Y 1'22	21°40	17° 5	28° 7	24°58	23°14	4°51	15°55	7°27	14°26	16°14	17° 2	5°54	19°15	S 21
S 22	11 57 7	1° 1'18	4♂10	18°49	29°20	25°27	23°23	4°48	15°59	7°25	14°27	16°12	16°58	6° 1	19°18	S 22
M 23	12 1 4	2° 1'12	17° 1	20°34	0♂33	25°56	23°32	4°44	16° 2	7°23	14°28	16°10	16°55	6° 8	19°22	M 23
T 24	12 5 0	3° 1'05	0♂14	22°21	1°46	26°25	23°41	4°41	16° 5	7°22	14°29	16° 8	16°52	6°14	19°26	T 24
W 25	12 8 57	4° 0'55	13°49	24° 8	3° 0	26°54	23°49	4°37	16° 9	7°20	14°30	16° 6	16°49	6°21	19°30	W 25
T 26	12 12 53	5° 0'44	27°45	25°57	4°13	27°22	23°58	4°33	16°12	7°18	14°31	16° 5	16°46	6°28	19°34	T 26
F 27	12 16 50	6° 0'31	11♂59	27°47	5°27	27°51	24° 6	4°30	16°15	7°17	14°32	16°D 5	16°43	6°35	19°38	F 27
S 28	12 20 46	7° 0'15	26°26	29°38	6°40	28°19	24°14	4°26	16°19	7°15	14°33	16° 5	16°39	6°41	19°42	S 28
S 29	12 24 43	7°59'58	11♂ 0	1♂Y31	7°53	28°47	24°22	4°22	16°22	7°13	14°34	16° 5	16°36	6°48	19°45	S 29
M 30	12 28 39	8°59'39	25°35	3°24	9° 7	29°15	24°30	4°18	16°26	7°12	14°36	16° 6	16°33	6°55	19°49	M 30
T 31	12 32 36	9♂Y59°18	10♂ 7	5♂Y19	10♂20	29♂42	24♂38	4♂14	16♂Y29	7♂10	14♂37	16♂Y 7	16♂Y30	7♂ 1	19♂53	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	7s49	13n 4	1n19	16s56	1s 5	18s51	0n25	21s50	0n39	21s48	0n 6	10s54	2n38	5n14	0s39	1s56
M 2	7 26	18 46	2 30	16 38	1 12	18 37	0 22	21 55	0 38	21 46	0 6	10 53	2 38	5 15	0 39	1 55
T 3	7 3	23 26	3 33	16 19	1 18	18 22	0 18	21 59	0 38	21 45	0 6	10 52	2 38	5 17	0 39	1 55
W 4	6 40	26 42	4 22	15 58	1 24	18 7	0 15	22 3	0 37	21 43	0 6	10 51	2 38	5 18	0 39	1 54
T 5	6 17	28 16	4 56	15 36	1 30	17 52	0 12	22 7	0 36	21 42	0 6	10 51	2 38	5 19	0 39	1 53
F 6	5 54	28 0	5 11	15 13	1 36	17 36	0 8	22 11	0 35	21 40	0 6	10 50	2 39	5 20	0 39	1 53
S 7	5 30	25 58	5 8	14 49	1 41	17 19	0 5	22 14	0 34	21 39	0 5	10 49	2 39	5 21	0 39	1 52
S 8	5 7	22 24	4 47	14 24	1 46	17 2	0 2	22 18	0 34	21 37	0 5	10 48	2 39	5 23	0 39	1 52
M 9	4 44	17 40	4 10	13 57	1 50	16 45	0s 1	22 21	0 33	21 36	0 5	10 47	2 39	5 24	0 39	1 51
T 10	4 20	12 8	3 20	13 29	1 54	16 27	0 5	22 25	0 32	21 34	0 5	10 46	2 40	5 25	0 39	1 50
W 11	3 57	6 10	2 20	13 0	1 58	16 9	0 8	22 28	0 31	21 33	0 5	10 45	2 40	5 26	0 39	1 50
T 12	3 33	0 3	1 13	12 30	2 1	15 50	0 11	22 31	0 30	21 31	0 5	10 44	2 40	5 28	0 39	1 49
F 13	3 9	5s56	0 5	11 59	2 4	15 30	0 14	22 34	0 29	21 30	0 5	10 43	2 40	5 29	0 39	1 48
S 14	2 46	11 35	1s 3	11 27	2 7	15 11	0 17	22 37	0 28	21 28	0 5	10 42	2 40	5 30	0 39	1 47
S 15	2 22	16 43	2 7	10 53	2 9	14 50	0 20	22 40	0 27	21 27	0 5	10 41	2 41	5 31	0 39	1 47
M 16	1 58	21 7	3 4	10 18	2 11	14 30	0 23	22 43	0 26	21 25	0 5	10 39	2 41	5 33	0 39	1 46
T 17	1 35	24 38	3 53	9 42	2 12	14 9	0 26	22 46	0 25	21 24	0 5	10 38	2 41	5 34	0 39	1 46
W 18	1 11	27 5	4 32	9 5	2 13	13 47	0 29	22 48	0 24	21 22	0 5	10 37	2 41	5 35	0 39	1 45
T 19	0 47	28 19	4 59	8 27	2 14	13 25	0 32	22 51	0 23	21 21	0 4	10 36	2 41	5 36	0 39	1 44
F 20	0 23	28 15	5 14	7 48	2 14	13 3	0 35	22 53	0 22	21 19	0 4	10 35	2 42	5 38	0 39	1 44
S 21	0n 1	26 48	5 14	7 8	2 13	12 41	0 37	22 55	0 21	21 18	0 4	10 33	2 42	5 39	0 39	1 43
S 22	0 24	24 1	5 1	6 27	2 12	12 18	0 40	22 57	0 20	21 17	0 4	10 32	2 42	5 40	0 39	1 43
M 23	0 48	20 0	4 31	5 44	2 11	11 54	0 43	23 0	0 19	21 15	0 4	10 31	2 42	5 41	0 39	1 42
T 24	1 12	14 54	3 47	5 1	2 9	11 31	0 45	23 2	0 17	21 14	0 4	10 29	2 42	5 43	0 39	1 41
W 25	1 35	8 57	2 49	4 16	2 7	11 7	0 48	23 3	0 16	21 12	0 4	10 28	2 42	5 44	0 39	1 41
T 26	1 59	2 25	1 40	3 31	2 4	10 43	0 50	23 5	0 15	21 11	0 4	10 27	2 43	5 45	0 39	1 40
F 27	2 23	4n22	0 23	2 44	2 1	10 18	0 53	23 7	0 14	21 10	0 4	10 25	2 43	5 47	0 39	1 39
S 28	2 46	11 3	0n57	1 57	1 58	9 53	0 55	23 9	0 13	21 8	0 4	10 24	2 43	5 48	0 39	1 39
S 29	3 10	17 12	2 14	1 8	1 53	9 28	0 57	23 10	0 11	21 7	0 3	10 22	2 43	5 49	0 39	1 38
M 30	3 33	22 22	3 22	0 19	1 49	9 3	1 0	23 12	0 10	21 6	0 3	10 21	2 43	5 51	0 39	1 37
T 31	3n57	26n 8	4n17	0n31	1s44	8s37	1s 2	23s13	0n 9	21s 5	0n 3	10s20	2n43	5n52	0s39	1s37

Julian Day Number = 2671114.5, Delta T = 20m16s

Ecliptic obliquity = 23°21'49", Nutation = - 0°00'05

Ayanamsha: Fagan/Bradley = 33°08'55", Lahiri = 32°15'55"

# ASTRODIENST EPHEMERIS for the year 2601

APRIL 2601

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 36 33	10°58'54"	24°29'	7°15'	11°34'	0°39'	24°45'	4°R10	16°32'	7°R 8	14°38'	16°7'	16°27'	7°28'	19°57'	W 1
T 2	12 40 29	11°58'28"	8°30'	9°12'	12°47'	0°37'	24°53'	4°R 6	16°36'	7°R 7	14°39'	16°R 7	16°23'	7°15'	20° 0'	T 2
F 3	12 44 26	12°58'00"	22°38'	11°10'	14° 0'	1° 3'	25° 0'	4° 2'	16°39'	7° 5'	14°40'	16° 7'	16°20'	7°21'	20° 4'	F 3
S 4	12 48 22	13°57'29"	6°20'	13° 9'	15°14'	1°30'	25° 7'	3°58'	16°43'	7° 3'	14°41'	16° 7'	16°17'	7°28'	20° 8'	S 4
S 5	12 52 19	14°56'56"	19°48'	15°10'	16°27'	1°56'	25°14'	3°53'	16°46'	7° 2'	14°43'	16° 7'	16°14'	7°35'	20°11'	S 5
M 6	12 56 15	15°56'21"	3°12'	17°11'	17°41'	2°23'	25°21'	3°49'	16°50'	7° 0'	14°44'	16°D 7	16°11'	7°41'	20°15'	M 6
T 7	13 0 12	16°55'43"	16° 1'	19°13'	18°54'	2°49'	25°28'	3°45'	16°53'	6°58'	14°45'	16° 7'	16° 8'	7°48'	20°19'	T 7
W 8	13 4 8	17°55'04"	28°47'	21°15'	20° 8'	3°14'	25°35'	3°41'	16°56'	6°57'	14°46'	16° 7'	16° 4'	7°55'	20°22'	W 8
T 9	13 8 5	18°54'22"	11°21'	23°18'	21°21'	3°40'	25°41'	3°36'	17° 0'	6°55'	14°48'	16°R 7	16° 1'	8° 2'	20°26'	T 9
F 10	13 12 1	19°53'38"	23°43'	25°21'	22°35'	4° 5'	25°47'	3°32'	17° 3'	6°54'	14°49'	16° 7'	15°58'	8° 8'	20°29'	F 10
S 11	13 15 58	20°52'52"	5°15'	27°24'	23°48'	4°30'	25°54'	3°27'	17° 7'	6°52'	14°50'	16° 7'	15°55'	8°15'	20°33'	S 11
S 12	13 19 55	21°52'05"	17°57'	29°27'	25° 1'	4°55'	26° 0'	3°23'	17°10'	6°50'	14°51'	16° 6'	15°52'	8°22'	20°36'	S 12
M13	13 23 51	22°51'15"	29°53'	1°30'	26°15'	5°19'	26° 5'	3°18'	17°13'	6°49'	14°53'	16° 5'	15°49'	8°28'	20°40'	M13
T 14	13 27 48	23°50'24"	11°24'	3°31'	27°28'	5°43'	26°11'	3°14'	17°17'	6°47'	14°54'	16° 4'	15°45'	8°35'	20°43'	T 14
W15	13 31 44	24°49'31"	23°36'	5°31'	28°42'	6° 7'	26°17'	3° 9'	17°20'	6°46'	14°55'	16° 3'	15°42'	8°42'	20°47'	W15
T 16	13 35 41	25°48'36"	5°30'	7°30'	29°55'	6°30'	26°22'	3° 5'	17°24'	6°44'	14°56'	16° 2'	15°39'	8°48'	20°50'	T 16
F 17	13 39 37	26°47'39"	17°30'	9°27'	1°19'	6°53'	26°27'	3° 0'	17°27'	6°43'	14°58'	16° 2'	15°36'	8°55'	20°54'	F 17
S 18	13 43 34	27°46'40"	29°42'	11°22'	2°22'	7°16'	26°32'	2°56'	17°30'	6°41'	14°59'	16°D 1	15°33'	9° 2'	20°57'	S 18
S 19	13 47 30	28°45'40"	12°10'	13°14'	3°36'	7°39'	26°37'	2°51'	17°34'	6°39'	15° 0'	16° 2'	15°29'	9° 8'	21° 0'	S 19
M20	13 51 27	29°44'38"	24°58'	15° 3'	4°50'	8° 1'	26°42'	2°46'	17°37'	6°38'	15° 2'	16° 3'	15°26'	9°15'	21° 3'	M20
T 21	13 55 24	0°34'34"	8°18'	16°48'	6° 3'	8°23'	26°46'	2°42'	17°41'	6°36'	15° 3'	16° 4'	15°23'	9°22'	21° 7'	T 21
W22	13 59 20	1°42'29"	21°45'	18°30'	7°17'	8°44'	26°51'	2°37'	17°44'	6°35'	15° 4'	16° 5'	15°20'	9°29'	21°10'	W22
T 23	14 3 17	2°41'22"	5°14'	20° 8'	8°30'	9° 6'	26°55'	2°32'	17°47'	6°34'	15° 6'	16° 6'	15°17'	9°35'	21°13'	T 23
F 24	14 7 13	3°40'12"	20°13'	21°42'	9°44'	9°26'	26°59'	2°28'	17°51'	6°32'	15° 7'	16°R 6	15°14'	9°42'	21°16'	F 24
S 25	14 11 10	4°39'01"	4°58'	23°12'	10°57'	9°47'	27° 3'	2°23'	17°54'	6°31'	15° 8'	16° 5'	15°10'	9°49'	21°19'	S 25
S 26	14 15 6	5°37'49"	19°56'	24°36'	12°11'	10° 7'	27° 6'	2°19'	17°57'	6°29'	15°10'	16° 4'	15° 7'	9°55'	21°22'	S 26
M27	14 19 3	6°36'34"	4°15'	25°56'	13°24'	10°26'	27°10'	2°14'	18° 1'	6°28'	15°11'	16° 1'	15° 4'	10° 2'	21°25'	M27
T 28	14 22 59	7°35'17"	19°53'	27°11'	14°38'	10°46'	27°13'	2° 9'	18° 4'	6°26'	15°13'	15°58'	15° 1'	10° 9'	21°28'	T 28
W29	14 26 56	8°33'58"	4°36'	28°20'	15°51'	11° 4'	27°16'	2° 5'	18° 7'	6°25'	15°14'	15°56'	14°58'	10°15'	21°31'	W29
T 30	14 30 53	9°32'37"	19°28'	29°25'	17°19'	11°23'	27°19'	2°10'	18°10'	6°24'	15°15'	15°57'	14°59'	10°22'	21°34'	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	4n20	28n10	4n55	1n22	1s38	8s11	1s 4	23s15	0n 7	21s 3	0n 3	10s18	2n43	5n53	0s39	1s36
T 2	4 43	28 19	5 14	2 14	1 32	7 45	1 6	23 16	0 6	21 2	0 3	10 17	2 44	5 55	0 39	1 35
F 3	5 6	26 39	5 15	3 6	1 25	7 19	1 8	23 17	0 4	21 1	0 3	10 15	2 44	5 56	0 39	1 35
S 4	5 29	23 26	4 58	3 59	1 17	6 53	1 10	23 18	0 3	21 0	0 3	10 14	2 44	5 57	0 39	1 34
S 5	5 52	19 0	4 24	4 53	1 10	6 26	1 12	23 19	0 2	20 58	0 3	10 12	2 44	5 58	0 39	1 33
M 6	6 15	13 44	3 37	5 47	1 1	5 59	1 13	23 20	0 0	20 57	0 3	10 11	2 44	6 0	0 39	1 33
T 7	6 38	7 57	2 39	6 41	0 53	5 32	1 15	23 21	0s 1	20 56	0 3	10 9	2 44	6 1	0 39	1 32
W 8	7 0	1 56	1 35	7 36	0 43	5 5	1 17	23 22	0 3	20 55	0 3	10 8	2 44	6 2	0 39	1 31
T 9	7 23	4s 4	0 26	8 30	0 34	4 37	1 18	23 23	0 4	20 54	0 2	10 6	2 44	6 4	0 39	1 31
F 10	7 45	9 50	0s42	9 25	0 24	4 10	1 20	23 24	0 6	20 53	0 2	10 5	2 44	6 5	0 39	1 30
S 11	8 8	15 8	1 48	10 19	0 13	3 42	1 21	23 25	0 8	20 52	0 2	10 3	2 44	6 6	0 39	1 29
S 12	8 30	19 48	2 48	11 12	0 2	3 14	1 23	23 26	0 9	20 51	0 2	10 1	2 44	6 8	0 39	1 29
M13	8 52	23 38	3 40	12 5	0n 9	2 46	1 24	23 27	0 11	20 50	0 2	10 0	2 44	6 9	0 39	1 28
T 14	9 13	26 27	4 22	12 58	0 20	2 18	1 25	23 27	0 13	20 49	0 2	9 58	2 45	6 10	0 39	1 28
W15	9 35	28 5	4 53	13 49	0 31	1 50	1 26	23 28	0 15	20 48	0 2	9 57	2 45	6 12	0 39	1 27
T 16	9 57	28 26	5 11	14 38	0 42	1 22	1 28	23 29	0 16	20 47	0 2	9 55	2 45	6 13	0 39	1 26
F 17	10 18	27 27	5 16	15 27	0 54	0 54	1 29	23 29	0 18	20 46	0 2	9 54	2 45	6 14	0 39	1 26
S 18	10 39	25 9	5 8	16 13	1 5	0 26	1 30	23 30	0 20	20 45	0 1	9 52	2 45	6 15	0 39	1 25
S 19	11 0	21 38	4 44	16 58	1 16	0n 3	1 30	23 31	0 22	20 45	0 1	9 50	2 45	6 17	0 39	1 25
M20	11 21	17 2	4 7	17 41	1 27	0 31	1 31	23 31	0 24	20 44	0 1	9 49	2 45	6 18	0 39	1 24
T 21	11 41	11 30	3 15	18 22	1 37	0 59	1 32	23 32	0 26	20 43	0 1	9 47	2 45	6 19	0 39	1 23
W22	12 2	5 16	2 11	19 0	1 47	1 28	1 33	23 32	0 28	20 42	0 1	9 46	2 45	6 21	0 39	1 23
T 23	12 22	1n25	0 57	19 36	1 57	1 56	1 33	23 33	0 30	20 42	0 1	9 44	2 45	6 22	0 39	1 22
F 24	12 42	8 14	0n23	20 9	2 5	2 24	1 34	23 34	0 32	20 41	0 1	9 43	2 45	6 23	0 39	1 22
S 25	13 2	14 45	1 42	20 40	2 14	2 53	1 34	23 34	0 34	20 40	0 1	9 41	2 45	6 24	0 39	1 21
S 26	13 21	20 29	2 56	21 8	2 21	3 21	1 35	23 35	0 36	20 40	0 1	9 39	2 45	6 26	0 39	1 21
M27	13 41	24 57	3 58	21 34	2 28	3 49	1 35	23 36	0 38	20 39	0 0	9 38	2 45	6 27	0 39	1 20
T 28	14 0	27 41	4 43	21 57	2 33	4 17	1 35	23 36	0 41	20 39	0 0	9 36	2 45	6 28	0 39	1 20
W29	14 19	28 25	5 8	22 18	2 38	4 45	1 35	23 37	0 43	20 38	0 0	9 35	2 45	6 29	0 39	1 19
T 30	14n37	27n12	5n14	22n36	2n42	5n13	1s35	23s38	0s45	20s38	0n 0	9s33	2n45	6n31	0s39	1s19

Julian Day Number = 2671145.5, Delta T = 20m17s  
 Ecliptic obliquity = 23°21'49", Nutation = - 0°00'05"  
 Ayanamsha: Fagan/Bradley = 33°08'59", Lahiri = 32°15'59"



# ASTRODIENST EPHEMERIS for the year 2601

JUNE 2601

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 37 2	10II33'28	22II42	26°R15	26°R17	16°R25	27°R15	29°R55	19°Y43	5°R54	15°R58	14°Y35	13°Y13	13°R57	22°R45	M 1
T 2	16 40 59	11°31'11	5°16	26°R 4	27°30	16°R24	27°R12	29°R52	19°45	5°R53	16° 0	14°36	13°10	14° 3	22°46	T 2
W 3	16 44 56	12°28'53	17°35	25°58	28°44	16°21	27° 9	29°49	19°48	5°53	16° 1	14°R36	13° 6	14°10	22°48	W 3
T 4	16 48 52	13°26'33	29°41	25°D57	29°57	16°18	27° 5	29°47	19°50	5°52	16° 2	14°35	13° 3	14°17	22°49	T 4
F 5	16 52 49	14°24'12	11II40	26° 0	1II11	16°15	27° 1	29°44	19°52	5°52	16° 3	14°32	13° 0	14°23	22°50	F 5
S 6	16 56 45	15°21'50	23°34	26° 7	2°24	16°10	26°57	29°42	19°55	5°51	16° 4	14°26	12°57	14°30	22°51	S 6
S 7	17 0 42	16°19'26	5°R25	26°19	3°38	16° 5	26°53	29°39	19°57	5°51	16° 6	14°17	12°54	14°37	22°52	S 7
M 8	17 4 38	17°17'01	17°16	26°36	4°51	15°59	26°49	29°37	19°59	5°51	16° 7	14° 7	12°51	14°44	22°53	M 8
T 9	17 8 35	18°14'35	29° 9	26°57	6° 5	15°53	26°45	29°34	20° 1	5°51	16° 8	13°55	12°47	14°50	22°54	T 9
W10	17 12 31	19°12'08	11°R 5	27°22	7°18	15°45	26°40	29°32	20° 3	5°50	16° 9	13°43	12°44	14°57	22°55	W10
T 11	17 16 28	20° 9'40	23° 5	27°51	8°32	15°37	26°36	29°30	20° 5	5°50	16°10	13°32	12°41	15° 4	22°56	T 11
F 12	17 20 25	21° 7'11	5°R25	28°25	9°45	15°28	26°31	29°28	20° 7	5°50	16°12	13°22	12°38	15°10	22°57	F 12
S 13	17 24 21	22° 4'41	17°27	29° 3	10°59	15°19	26°26	29°26	20°10	5°50	16°13	13°15	12°35	15°17	22°58	S 13
S 14	17 28 18	23° 2'11	29°54	29°44	12°12	15° 8	26°21	29°24	20°11	5°50	16°14	13°10	12°32	15°24	22°59	S 14
M15	17 32 14	23°59'39	12°R36	0II30	13°26	14°57	26°15	29°23	20°13	5°50	16°15	13° 8	12°28	15°31	22°59	M15
T 16	17 36 11	24°57'07	25°37	1°19	14°39	14°46	26°10	29°21	20°15	5°50	16°16	13°D 8	12°25	15°37	23° 0	T 16
W17	17 40 7	25°54'34	9°Y 0	2°12	15°53	14°33	26° 4	29°19	20°17	5°D50	16°17	13°R 8	12°22	15°44	23° 1	W17
T 18	17 44 4	26°52'01	22°48	3° 8	17° 6	14°20	25°59	29°18	20°19	5°50	16°18	13° 8	12°19	15°51	23° 1	T 18
F 19	17 48 0	27°49'27	7°R 3	4° 9	18°20	14° 7	25°53	29°17	20°21	5°50	16°19	13° 6	12°16	15°57	23° 1	F 19
S 20	17 51 57	28°46'53	21°43	5°12	19°34	13°52	25°47	29°15	20°22	5°50	16°21	13° 2	12°12	16° 4	23° 2	S 20
S 21	17 55 54	29°44'18	6II43	6°19	20°47	13°37	25°41	29°14	20°24	5°50	16°22	12°55	12° 9	16°11	23° 2	S 21
M22	17 59 50	0°R41'42	21°56	7°29	22° 1	13°22	25°35	29°13	20°26	5°50	16°23	12°46	12° 6	16°17	23° 2	M22
T 23	18 3 47	1°39'06	7°R12	8°43	23°14	13° 6	25°28	29°12	20°27	5°50	16°24	12°35	12° 3	16°24	23° 3	T 23
W24	18 7 43	2°36'29	22°20	9°59	24°28	12°50	25°22	29°11	20°29	5°50	16°25	12°25	12° 0	16°31	23° 3	W24
T 25	18 11 40	3°33'52	7°R 8	11°19	25°41	12°33	25°15	29°11	20°30	5°51	16°26	12°15	11°57	16°38	23° 3	T 25
F 26	18 15 36	4°31'13	21°31	12°42	26°55	12°16	25° 9	29°10	20°32	5°51	16°27	12° 8	11°53	16°44	23°R 3	F 26
S 27	18 19 33	5°28'34	5II24	14° 8	28° 9	11°58	25° 2	29° 9	20°33	5°51	16°28	12° 3	11°50	16°51	23° 3	S 27
S 28	18 23 30	6°25'53	18°48	15°38	29°22	11°40	24°55	29° 9	20°35	5°52	16°29	12° 1	11°47	16°58	23° 3	S 28
M29	18 27 26	7°23'12	1°R45	17°10	0°R36	11°22	24°48	29° 8	20°36	5°52	16°29	12° 0	11°44	17° 4	23° 3	M29
T 30	18 31 23	8°R20'30	14°R20	18°R45	1°R49	11°R 4	24°R41	29°R 8	20°Y37	5°R52	16°R30	12°Y 0	11°Y41	17°R11	23°R 3	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	21n58	4n39	1n55	16n16	3s 4	18n13	1s 4	24s45	2s25	20s42	0s 4	8s54	2n41	7n 5	0s39	1s 7
T 2	22 6	1s20	0 50	16 4	3 14	18 32	1 2	24 49	2 28	20 43	0 4	8 53	2 40	7 6	0 39	1 7
W 3	22 13	7 7	0s16	15 54	3 23	18 50	1 0	24 53	2 32	20 44	0 4	8 52	2 40	7 7	0 39	1 7
T 4	22 20	12 34	1 20	15 46	3 31	19 8	0 58	24 57	2 36	20 45	0 4	8 52	2 40	7 8	0 39	1 7
F 5	22 27	17 30	2 19	15 40	3 37	19 25	0 56	25 2	2 40	20 46	0 5	8 51	2 40	7 9	0 39	1 7
S 6	22 34	21 42	3 12	15 37	3 43	19 41	0 54	25 6	2 44	20 47	0 5	8 50	2 40	7 9	0 39	1 7
S 7	22 40	25 1	3 56	15 35	3 47	19 57	0 52	25 11	2 48	20 47	0 5	8 50	2 39	7 10	0 39	1 7
M 8	22 45	27 14	4 30	15 35	3 51	20 13	0 50	25 16	2 52	20 48	0 5	8 49	2 39	7 11	0 39	1 7
T 9	22 51	28 14	4 52	15 38	3 53	20 28	0 48	25 20	2 56	20 49	0 5	8 48	2 39	7 12	0 39	1 6
W10	22 56	27 55	5 2	15 42	3 55	20 42	0 46	25 25	3 0	20 50	0 5	8 48	2 39	7 13	0 39	1 6
T 11	23 0	26 17	4 58	15 48	3 55	20 56	0 44	25 30	3 5	20 51	0 5	8 47	2 38	7 13	0 39	1 6
F 12	23 4	23 27	4 41	15 56	3 54	21 9	0 42	25 36	3 9	20 52	0 6	8 47	2 38	7 14	0 39	1 6
S 13	23 8	19 32	4 11	16 5	3 53	21 22	0 39	25 41	3 13	20 54	0 6	8 46	2 38	7 15	0 39	1 6
S 14	23 11	14 43	3 28	16 16	3 51	21 34	0 37	25 46	3 17	20 55	0 6	8 46	2 38	7 16	0 39	1 6
M15	23 14	9 11	2 34	16 29	3 48	21 46	0 35	25 51	3 21	20 56	0 6	8 46	2 37	7 16	0 39	1 6
T 16	23 16	3 8	1 32	16 42	3 44	21 57	0 33	25 57	3 25	20 57	0 6	8 45	2 37	7 17	0 39	1 6
W17	23 18	3n13	0 22	16 57	3 39	22 7	0 30	26 2	3 29	20 58	0 6	8 45	2 37	7 18	0 39	1 6
T 18	23 20	9 38	0n51	17 13	3 34	22 17	0 28	26 7	3 33	20 59	0 6	8 45	2 37	7 18	0 39	1 6
F 19	23 21	15 46	2 3	17 30	3 28	22 26	0 26	26 13	3 37	21 1	0 7	8 44	2 37	7 19	0 40	1 6
S 20	23 21	21 11	3 9	17 48	3 21	22 34	0 23	26 18	3 41	21 2	0 7	8 44	2 36	7 20	0 40	1 6
S 21	23 22	25 22	4 3	18 6	3 14	22 42	0 21	26 24	3 45	21 3	0 7	8 44	2 36	7 20	0 40	1 7
M22	23 22	27 48	4 41	18 26	3 6	22 49	0 18	26 29	3 49	21 4	0 7	8 44	2 36	7 21	0 40	1 7
T 23	23 21	28 9	4 59	18 45	2 58	22 55	0 16	26 35	3 53	21 6	0 7	8 44	2 35	7 21	0 40	1 7
W24	23 20	26 23	4 56	19 5	2 49	23 1	0 14	26 40	3 56	21 7	0 7	8 44	2 35	7 22	0 40	1 7
T 25	23 19	22 50	4 33	19 26	2 40	23 6	0 11	26 45	4 0	21 8	0 7	8 44	2 35	7 22	0 40	1 7
F 26	23 17	17 58	3 53	19 46	2 30	23 11	0 9	26 51	4 4	21 10	0 8	8 44	2 35	7 23	0 40	1 7
S 27	23 15	12 18	3 0	20 7	2 20	23 15	0 6	26 56	4 7	21 11	0 8	8 44	2 34	7 23	0 40	1 7
S 28	23 12	6 15	1 59	20 27	2 9	23 18	0 4	27 1	4 11	21 12	0 8	8 44	2 34	7 24	0 40	1 7
M29	23 9	0 8	0 54	20 47	1 58	23 20	0 2	27 6	4 14	21 14	0 8	8 44	2 34	7 24	0 40	1 8
T 30	23n 6	5s49	0s12	21n 6	1s47	23n22	0n 1	27s11	4s17	21s15	0s 8	8s44	2n34	7n25	0s40	1s 8

Julian Day Number = 2671206.5, Delta T = 20m17s  
 Ecliptic obliquity = 23°21'49", Nutation = - 0°00'04"  
 Ayanamsha: Fagan/Bradley = 33°09'08", Lahiri = 32°16'08"

## ASTRODIENST EPHEMERIS for the year 2601

JULY 2601

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	18 35 19	9°17'47"	26°13'36"	20°11'23"	3°52' 3	10°R45	24°R34	29°R 8	20°Y39	5°15'53"	16°13'31"	11°R59	11°Y38	17°17'18"	23°R 2	W 1
T 2	18 39 16	10°15'03"	8°11'39"	22° 5	4°17	10°26	24°27	29°D 8	20°40	5°53	16°32	11°Y57	11°34	17°25	23°Y 2	T 2
F 3	18 43 12	11°12'19"	20°34	23°49	5°30	10° 7	24°20	29°15	20°41	5°54	16°33	11°53	11°31	17°31	23° 2	F 3
S 4	18 47 9	12° 9'34"	2°12'25"	25°36	6°44	9°48	24°12	29° 8	20°42	5°54	16°34	11°46	11°28	17°38	23° 1	S 4
S 5	18 51 5	13° 6'49"	14°16	27°26	7°58	9°29	24° 5	29° 8	20°43	5°55	16°35	11°37	11°25	17°45	23° 1	S 5
M 6	18 55 2	14° 4'04"	26° 8	29°19	9°11	9°11	23°57	29° 9	20°44	5°55	16°36	11°25	11°22	17°51	23° 0	M 6
T 7	18 58 59	15° 1'18"	8°13' 5	1°16'14"	10°25	8°52	23°50	29° 9	20°45	5°56	16°36	11°11	11°19	17°58	23° 0	T 7
W 8	19 2 55	15°58'31"	20° 7	3°11	11°39	8°33	23°42	29°10	20°46	5°57	16°37	10°58	11°15	18° 5	22°59	W 8
T 9	19 6 52	16°55'45"	2°11'16"	5°12	12°52	8°14	23°35	29°10	20°47	5°57	16°38	10°45	11°12	18°12	22°58	T 9
F 10	19 10 48	17°52'58"	14°33	7°14	14° 6	7°56	23°27	29°11	20°48	5°58	16°39	10°34	11° 9	18°18	22°58	F 10
S 11	19 14 45	18°50'11"	26°59	9°18	15°20	7°38	23°20	29°12	20°49	5°59	16°39	10°25	11° 6	18°25	22°57	S 11
S 12	19 18 41	19°47'24"	9°13'35"	11°24	16°33	7°20	23°12	29°13	20°49	6° 0	16°40	10°20	11° 3	18°32	22°56	S 12
M13	19 22 38	20°44'37"	22°24	13°31	17°47	7° 3	23° 4	29°14	20°50	6° 1	16°41	10°17	10°59	18°38	22°55	M13
T 14	19 26 34	21°41'50"	5°Y28	15°39	19° 1	6°45	22°57	29°15	20°51	6° 1	16°42	10°D16	10°56	18°45	22°54	T 14
W15	19 30 31	22°39'04"	18°50	17°49	20°14	6°29	22°49	29°16	20°51	6° 2	16°42	10°R16	10°53	18°52	22°53	W15
T 16	19 34 28	23°36'18"	2°13'33"	19°59	21°28	6°12	22°41	29°18	20°52	6° 3	16°43	10°15	10°50	18°59	22°52	T 16
F 17	19 38 24	24°33'32"	16°37	22° 9	22°42	5°57	22°33	29°19	20°52	6° 4	16°44	10°14	10°47	19° 5	22°51	F 17
S 18	19 42 21	25°30'47"	1°11' 3	24°19	23°56	5°41	22°26	29°20	20°53	6° 5	16°44	10°10	10°44	19°12	22°50	S 18
S 19	19 46 17	26°28'02"	15°47	26°29	25° 9	5°27	22°18	29°22	20°53	6° 6	16°45	10° 4	10°40	19°19	22°49	S 19
M20	19 50 14	27°25'17"	0°15'45"	28°38	26°23	5°12	22°10	29°24	20°53	6° 7	16°45	9°56	10°37	19°25	22°47	M20
T 21	19 54 10	28°22'33"	15°47	0°14'47"	27°37	4°59	22° 3	29°26	20°54	6° 8	16°46	9°46	10°34	19°32	22°46	T 21
W22	19 58 7	29°19'49"	0°14'47"	2°55	28°51	4°46	21°55	29°28	20°54	6° 9	16°46	9°35	10°31	19°39	22°45	W22
T 23	20 2 3	0°17'05"	15°27	5° 2	0°15' 5	4°34	21°47	29°30	20°54	6°10	16°47	9°26	10°28	19°46	22°43	T 23
F 24	20 6 0	1°14'21"	29°48	7° 7	1°19	4°23	21°40	29°32	20°54	6°11	16°47	9°19	10°25	19°52	22°42	F 24
S 25	20 9 57	2°11'37"	13°11'43"	9°11	2°32	4°12	21°32	29°34	20°54	6°13	16°48	9°14	10°21	19°59	22°40	S 25
S 26	20 13 53	3° 8'53"	27°10	11°13	3°46	4° 2	21°25	29°36	20°54	6°14	16°48	9°12	10°18	20° 6	22°39	S 26
M27	20 17 50	4° 6'09"	10°11'10"	13°14	5° 0	3°53	21°18	29°38	20°R54	6°15	16°49	9°D11	10°15	20°12	22°37	M27
T 28	20 21 46	5° 3'25"	22°47	15°13	6°14	3°45	21°10	29°41	20°54	6°16	16°49	9°11	10°12	20°19	22°36	T 28
W29	20 25 43	6° 0'42"	5°11' 6	17°11	7°28	3°37	21° 3	29°44	20°54	6°18	16°50	9°R12	10° 9	20°26	22°34	W29
T 30	20 29 39	6°57'59"	17°10	19° 7	8°42	3°30	20°56	29°46	20°54	6°19	16°50	9°11	10° 5	20°33	22°32	T 30
F 31	20 33 36	7°15'51"	29°11' 5	21°11	9°15	3°25	20°34	29°49	20°Y54	6°20	16°50	9°Y 9	10°Y 2	20°13'39"	22°Y30	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	23n 2	11s25	1s16	21n25	1s36	23n23	0n 3	27s16	4s21	21s17	0s 8	8s44	2n33	7n25	0s40	1s 8	1n18
T 2	22 58	16 29	2 16	21 43	1 24	23 23	0 6	27 20	4 24	21 18	0 8	8 45	2 33	7 26	0 40	1 8	1 18
F 3	22 54	20 52	3 9	22 1	1 13	23 23	0 8	27 25	4 27	21 19	0 9	8 45	2 33	7 26	0 40	1 9	1 18
S 4	22 49	24 23	3 53	22 17	1 1	23 22	0 10	27 29	4 30	21 21	0 9	8 45	2 33	7 26	0 40	1 9	1 18
S 5	22 43	26 51	4 27	22 31	0 49	23 20	0 13	27 33	4 33	21 22	0 9	8 45	2 32	7 27	0 40	1 9	1 18
M 6	22 37	28 7	4 49	22 45	0 37	23 18	0 15	27 37	4 35	21 24	0 9	8 46	2 32	7 27	0 40	1 9	1 18
T 7	22 31	28 6	4 59	22 56	0 25	23 15	0 17	27 41	4 38	21 25	0 9	8 46	2 32	7 28	0 40	1 10	1 18
W 8	22 25	26 44	4 56	23 6	0 14	23 11	0 20	27 45	4 40	21 27	0 9	8 47	2 32	7 28	0 40	1 10	1 18
T 9	22 18	24 7	4 39	23 14	0 2	23 7	0 22	27 49	4 43	21 28	0 9	8 47	2 31	7 28	0 40	1 10	1 18
F 10	22 10	20 23	4 9	23 19	0n 9	23 1	0 24	27 52	4 45	21 29	0 10	8 48	2 31	7 28	0 40	1 11	1 18
S 11	22 3	15 43	3 27	23 22	0 20	22 56	0 27	27 55	4 47	21 31	0 10	8 48	2 31	7 29	0 40	1 11	1 18
S 12	21 55	10 20	2 34	23 23	0 30	22 49	0 29	27 58	4 49	21 32	0 10	8 49	2 31	7 29	0 40	1 11	1 18
M13	21 46	4 26	1 33	23 21	0 40	22 42	0 31	28 1	4 51	21 34	0 10	8 49	2 30	7 29	0 40	1 12	1 18
T 14	21 37	1n47	0 25	23 16	0 50	22 34	0 33	28 3	4 52	21 35	0 10	8 50	2 30	7 29	0 40	1 12	1 17
W15	21 28	8 3	0n45	23 9	0 59	22 26	0 35	28 6	4 54	21 37	0 10	8 51	2 30	7 30	0 40	1 12	1 17
T 16	21 18	14 7	1 55	22 59	1 7	22 17	0 38	28 8	4 55	21 38	0 10	8 51	2 29	7 30	0 40	1 13	1 17
F 17	21 9	19 37	3 0	22 46	1 14	22 7	0 40	28 10	4 57	21 39	0 10	8 52	2 29	7 30	0 40	1 13	1 17
S 18	20 58	24 8	3 55	22 31	1 21	21 56	0 42	28 12	4 58	21 41	0 11	8 53	2 29	7 30	0 40	1 13	1 17
S 19	20 48	27 10	4 35	22 13	1 27	21 45	0 44	28 14	4 59	21 42	0 11	8 54	2 29	7 30	0 40	1 14	1 17
M20	20 37	28 19	4 58	21 53	1 32	21 34	0 46	28 15	5 0	21 43	0 11	8 55	2 28	7 30	0 40	1 14	1 17
T 21	20 25	27 24	5 0	21 30	1 37	21 21	0 48	28 16	5 0	21 45	0 11	8 55	2 28	7 30	0 40	1 15	1 17
W22	20 14	24 31	4 42	21 5	1 41	21 8	0 50	28 18	5 1	21 46	0 11	8 56	2 28	7 30	0 40	1 15	1 17
T 23	20 2	20 3	4 5	20 38	1 44	20 55	0 52	28 19	5 2	21 48	0 11	8 57	2 28	7 30	0 40	1 16	1 17
F 24	19 49	14 31	3 13	20 9	1 46	20 41	0 54	28 19	5 2	21 49	0 11	8 58	2 27	7 31	0 40	1 16	1 17
S 25	19 37	8 24	2 11	19 38	1 47	20 26	0 55	28 20	5 2	21 50	0 12	8 59	2 27	7 31	0 41	1 17	1 17
S 26	19 24	2 6	1 4	19 5	1 48	20 10	0 57	28 21	5 3	21 51	0 12	9 0	2 27	7 31	0 41	1 17	1 17
M27	19 10	4s 6	0s 5	18 31	1 48	19 55	0 59	28 21	5 3	21 53	0 12	9 1	2 27	7 30	0 41	1 18	1 17
T 28	18 57	9 57	1 12	17 56	1 48	19 38	1 1	28 21	5 3	21 54	0 12	9 2	2 26	7 30	0 41	1 18	1 17
W29	18 43	15 17	2 14	17 20	1 46	19 21	1 2	28 21	5 2	21 55	0 12	9 4	2 26	7 30	0 41	1 19	1 17
T 30	18 28	19 55	3 8	16 42	1 44	19 3	1 4	28 21	5 2	21 56	0 12	9 5	2 26	7 30	0 41	1 19	1 17
F 31	18n14	23s41	3s54	16n 4	1n42	18n45	1n 5	28s21	5s 2	21s58	0s12	9s 6	2n26	7n30	0s41	1s20	1n17

Julian Day Number = 2671236.5, Delta T = 20m18s

Ecliptic obliquity = 23°21'49", Nutation = - 0°00'03"

Ayanamsha: Fagan/Bradley = 33°09'12", Lahiri = 32°16'12"

# ASTRODIENST EPHEMERIS for the year 2601

AUGUST 2601

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 37 32	8♂52°33	10♂57	22♂53	11♂10	3°R20	20°R42	29♂52	20°R54	6♂22	16♂51	9°R 4	9°Y59	20♂46	22°R28	S 1
S 2	20 41 29	9°49'50	22°49	24°43	12°23	3♂15	20♂35	29°55	20°Y53	6°23	16°51	8°Y58	9°56	20°53	22♂27	S 2
M 3	20 45 26	10°47'08	4♂44	26°32	13°37	3°12	20°28	29°58	20°53	6°24	16°51	8°49	9°53	20°59	22°25	M 3
T 4	20 49 22	11°44'27	16°47	28°19	14°51	3° 9	20°21	0♂1	20°53	6°26	16°52	8°39	9°50	21° 6	22°23	T 4
W 5	20 53 19	12°41'45	28°58	0♂4	16° 5	3° 8	20°15	0° 4	20°52	6°27	16°52	8°29	9°46	21°13	22°21	W 5
T 6	20 57 15	13°39'05	11♂18	1°47	17°19	3°D 7	20° 8	0° 7	20°52	6°29	16°52	8°19	9°43	21°20	22°19	T 6
F 7	21 1 12	14°36'25	23°49	3°29	18°33	3° 7	20° 2	0°11	20°51	6°30	16°52	8°10	9°40	21°26	22°16	F 7
S 8	21 5 8	15°33'45	6♂31	5° 9	19°47	3° 8	19°55	0°14	20°51	6°32	16°52	8° 4	9°37	21°33	22°14	S 8
S 9	21 9 5	16°31'07	19°24	6°47	21° 1	3°10	19°49	0°18	20°50	6°33	16°53	8° 0	9°34	21°40	22°12	S 9
M10	21 13 1	17°28'29	2°Y29	8°24	22°15	3°12	19°43	0°21	20°49	6°35	16°53	7°D59	9°30	21°46	22°10	M10
T 11	21 16 58	18°25'52	15°47	9°58	23°29	3°15	19°37	0°25	20°49	6°36	16°53	7°59	9°27	21°53	22° 8	T 11
W12	21 20 55	19°23'17	29°18	11°31	24°43	3°20	19°31	0°29	20°48	6°38	16°53	8° 0	9°24	22° 0	22° 5	W12
T 13	21 24 51	20°20'42	13♂3	13° 3	25°57	3°25	19°26	0°33	20°47	6°40	16°53	8° 1	9°21	22° 7	22° 3	T 13
F 14	21 28 48	21°18'09	27° 3	14°32	27°11	3°30	19°20	0°37	20°46	6°41	16°53	8°R 1	9°18	22°13	22° 1	F 14
S 15	21 32 44	22°15'37	11♂18	16° 0	28°25	3°37	19°15	0°41	20°45	6°43	16°53	7°59	9°15	22°20	21°58	S 15
S 16	21 36 41	23°13'06	25°44	17°26	29°39	3°44	19°10	0°45	20°44	6°45	16°53	7°56	9°11	22°27	21°56	S 16
M17	21 40 37	24°10'37	10♂19	18°50	0♂53	3°52	19° 4	0°49	20°43	6°47	16°R53	7°51	9° 8	22°33	21°54	M17
T 18	21 44 34	25° 8'09	24°58	20°12	2° 7	4° 1	19° 0	0°53	20°42	6°48	16°53	7°45	9° 5	22°40	21°51	T 18
W19	21 48 31	26° 5'42	9♂23	21°33	3°21	4°11	18°55	0°57	20°41	6°50	16°53	7°38	9° 2	22°47	21°49	W19
T 20	21 52 27	27° 3'16	23°56	22°52	4°35	4°21	18°50	1° 2	20°40	6°52	16°53	7°33	8°59	22°54	21°46	T 20
F 21	21 56 24	28° 0'51	8♂3	24° 8	5°49	4°33	18°46	1° 6	20°39	6°54	16°53	7°28	8°56	23° 0	21°44	F 21
S 22	22 0 20	28°58'27	21°48	25°23	7° 3	4°45	18°41	1°11	20°38	6°56	16°53	7°25	8°52	23° 7	21°41	S 22
S 23	22 4 17	29°56'04	5♂11	26°36	8°17	4°57	18°37	1°16	20°37	6°57	16°53	7°D24	8°49	23°14	21°38	S 23
M24	22 8 13	0♂53'42	18°11	27°46	9°32	5°11	18°33	1°20	20°35	6°59	16°53	7°25	8°46	23°20	21°36	M24
T 25	22 12 10	1°51'21	0♂49	28°54	10°46	5°25	18°29	1°25	20°34	7° 1	16°53	7°26	8°43	23°27	21°33	T 25
W26	22 16 6	2°49'01	13° 9	0♂0	12° 0	5°39	18°26	1°30	20°33	7° 3	16°52	7°28	8°40	23°34	21°30	W26
T 27	22 20 3	3°46'42	25°15	1° 4	13°14	5°55	18°22	1°35	20°31	7° 5	16°52	7°29	8°36	23°41	21°28	T 27
F 28	22 23 59	4°44'24	7♂13	2° 5	14°28	6°11	18°19	1°40	20°30	7° 7	16°52	7°R29	8°33	23°47	21°25	F 28
S 29	22 27 56	5°42'07	19° 6	3° 3	15°42	6°28	18°16	1°45	20°28	7° 9	16°52	7°28	8°30	23°54	21°22	S 29
S 30	22 31 53	6°39'51	0♂59	3°59	16°56	6°45	18°13	1°50	20°27	7°11	16°51	7°26	8°27	24° 1	21°19	S 30
M31	22 35 49	7♂37'36	12♂57	4♂51	18♂10	7♂3	18♂10	1♂55	20°Y25	7♂13	16♂51	7°Y22	8°Y24	24♂8	21♂17	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	17n59	26s27	4s29	15n24	1n39	18n27	1n 7	28s21	5s 1	21s59	0s12	9s 7	2n25	7n30	0s41	1s20
S 2	17 44	28 2	4 52	14 44	1 35	18 8	1 8	28 20	5 1	22 0	0 13	9 8	2 25	7 30	0 41	1 21
M 3	17 28	28 20	5 3	14 4	1 31	17 48	1 10	28 20	5 0	22 1	0 13	9 10	2 25	7 30	0 41	1 22
T 4	17 13	27 18	5 1	13 23	1 27	17 28	1 11	28 19	5 0	22 2	0 13	9 11	2 25	7 30	0 41	1 22
W 5	16 57	24 57	4 45	12 41	1 21	17 7	1 13	28 18	4 59	22 3	0 13	9 12	2 24	7 29	0 41	1 23
T 6	16 40	21 26	4 16	11 59	1 16	16 46	1 14	28 18	4 58	22 4	0 13	9 14	2 24	7 29	0 41	1 23
F 7	16 24	16 54	3 34	11 17	1 10	16 24	1 15	28 17	4 57	22 5	0 13	9 15	2 24	7 29	0 41	1 24
S 8	16 7	11 35	2 41	10 35	1 4	16 2	1 16	28 16	4 56	22 7	0 13	9 17	2 24	7 29	0 41	1 25
S 9	15 50	5 41	1 38	9 52	0 57	15 40	1 17	28 15	4 55	22 8	0 13	9 18	2 23	7 29	0 41	1 25
M10	15 33	0n32	0 30	9 10	0 50	15 17	1 18	28 13	4 54	22 9	0 13	9 19	2 23	7 28	0 41	1 26
T 11	15 15	6 50	0n42	8 28	0 42	14 54	1 19	28 12	4 53	22 9	0 14	9 21	2 23	7 28	0 41	1 27
W12	14 58	12 56	1 52	7 45	0 35	14 30	1 20	28 11	4 52	22 10	0 14	9 22	2 23	7 28	0 41	1 27
T 13	14 40	18 32	2 58	7 3	0 27	14 6	1 21	28 9	4 50	22 11	0 14	9 24	2 22	7 27	0 41	1 28
F 14	14 21	23 13	3 53	6 21	0 18	13 41	1 22	28 8	4 49	22 12	0 14	9 26	2 22	7 27	0 41	1 29
S 15	14 3	26 37	4 36	5 39	0 10	13 17	1 22	28 6	4 48	22 13	0 14	9 27	2 22	7 27	0 41	1 29
S 16	13 44	28 19	5 2	4 58	0 1	12 51	1 23	28 5	4 46	22 14	0 14	9 29	2 22	7 26	0 41	1 30
M17	13 25	28 5	5 8	4 17	0s 8	12 26	1 24	28 3	4 45	22 15	0 14	9 30	2 22	7 26	0 41	1 31
T 18	13 6	25 54	4 55	3 36	0 17	12 0	1 24	28 1	4 43	22 16	0 14	9 32	2 21	7 25	0 41	1 31
W19	12 47	22 1	4 22	2 56	0 27	11 34	1 25	27 59	4 42	22 16	0 14	9 34	2 21	7 25	0 41	1 32
T 20	12 27	16 52	3 34	2 16	0 36	11 7	1 25	27 57	4 40	22 17	0 15	9 36	2 21	7 25	0 41	1 33
F 21	12 8	10 53	2 32	1 37	0 46	10 40	1 25	27 55	4 38	22 18	0 15	9 37	2 21	7 24	0 41	1 33
S 22	11 48	4 31	1 24	0 58	0 56	10 13	1 26	27 53	4 37	22 18	0 15	9 39	2 20	7 24	0 41	1 34
S 23	11 28	1s52	0 12	0 20	1 6	9 46	1 26	27 51	4 35	22 19	0 15	9 41	2 20	7 23	0 41	1 35
M24	11 7	8 0	0s58	0s17	1 6	9 18	1 26	27 49	4 33	22 20	0 15	9 43	2 20	7 23	0 41	1 36
T 25	10 47	13 39	2 4	0 53	1 26	8 50	1 26	27 47	4 32	22 20	0 15	9 45	2 20	7 22	0 41	1 36
W26	10 26	18 38	3 2	1 29	1 36	8 22	1 26	27 44	4 30	22 21	0 15	9 46	2 20	7 22	0 41	1 37
T 27	10 5	22 46	3 52	2 3	1 47	7 54	1 26	27 42	4 28	22 22	0 15	9 48	2 19	7 21	0 41	1 38
F 28	9 45	25 53	4 30	2 37	1 57	7 25	1 26	27 39	4 26	22 22	0 15	9 50	2 19	7 21	0 41	1 39
S 29	9 23	27 50	4 56	3 9	2 7	6 56	1 26	27 36	4 24	22 23	0 15	9 52	2 19	7 20	0 41	1 40
S 30	9 2	28 32	5 10	3 41	2 18	6 27	1 26	27 34	4 23	22 23	0 15	9 54	2 19	7 19	0 41	1 40
M31	8n41	27s53	5s11	4s11	2s28	5n58	1n25	27s31	4s21	22s24	0s16	9s56	2n19	7n19	0s41	1s41

Julian Day Number = 2671267.5, Delta T = 20m18s  
Ecliptic obliquity = 23°21'49, Nutation = - 0°00'02  
Ayanamsha: Fagan/Bradley = 33°09'16, Lahiri = 32°16'16

## ASTRODIENST EPHEMERIS for the year 2601

SEPTEMBER 2601

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 39 46	8 <sup>h</sup> 35'22	25 <sup>h</sup> 3 4	5 <sup>h</sup> 41	19 <sup>h</sup> 24	7 <sup>h</sup> 22	18°R 7	2 <sup>h</sup> 0	20°R24	7 <sup>h</sup> 15	16°R51	7°R18	8 <sup>h</sup> 21	24 <sup>h</sup> 14	21°R14	T 1
W 2	22 43 42	9°33'10	7 <sup>h</sup> 22	6°27	20°39	7°41	18°S 5	2° 6	20°Y22	7°17	16°S51	7°Y13	8°17	24°21	21°Y11	W 2
T 3	22 47 39	10°30'59	19°53	7°10	21°53	8° 1	18° 3	2°11	20°20	7°19	16°50	7° 9	8°14	24°28	21° 8	T 3
F 4	22 51 35	11°28'49	2 <sup>h</sup> 39	7°49	23° 7	8°22	18° 1	2°17	20°19	7°21	16°50	7° 5	8°11	24°34	21° 5	F 4
S 5	22 55 32	12°26'40	15°40	8°24	24°21	8°43	17°59	2°22	20°17	7°23	16°49	7° 3	8° 8	24°41	21° 3	S 5
S 6	22 59 28	13°24'33	28°55	8°55	25°35	9° 4	17°57	2°28	20°15	7°25	16°49	7° 1	8° 5	24°48	21° 0	S 6
M 7	23 3 25	14°22'27	12 <sup>h</sup> Y24	9°22	26°49	9°26	17°56	2°33	20°13	7°27	16°49	7°D 1	8° 2	24°55	20°57	M 7
T 8	23 7 22	15°20'23	26° 4	9°44	28° 3	9°49	17°55	2°39	20°12	7°29	16°48	7° 2	7°58	25° 1	20°54	T 8
W 9	23 11 18	16°18'21	9 <sup>h</sup> 54	10° 1	29°17	10°12	17°53	2°45	20°10	7°31	16°48	7° 3	7°55	25° 8	20°51	W 9
T 10	23 15 15	17°16'21	23°54	10°12	0 <sup>h</sup> 31	10°35	17°53	2°51	20° 8	7°33	16°47	7° 5	7°52	25°15	20°48	T 10
F 11	23 19 11	18°14'23	8 <sup>h</sup> II 0	10°19	1°46	11° 0	17°52	2°56	20° 6	7°35	16°47	7° 6	7°49	25°21	20°45	F 11
S 12	23 23 8	19°12'26	22°12	10°R19	3° 0	11°24	17°51	3° 2	20° 4	7°37	16°46	7°R 6	7°46	25°28	20°42	S 12
S 13	23 27 4	20°10'32	6 <sup>h</sup> 27	10°14	4°14	11°49	17°51	3° 8	20° 2	7°40	16°46	7° 5	7°42	25°35	20°40	S 13
M14	23 31 1	21° 8'39	20°42	10° 2	5°28	12°15	17°D51	3°14	20° 0	7°42	16°45	7° 4	7°39	25°42	20°37	M14
T 15	23 34 57	22° 6'49	4 <sup>h</sup> 25	9°45	6°42	12°41	17°51	3°20	19°58	7°44	16°45	7° 2	7°36	25°48	20°34	T 15
W16	23 38 54	23° 5'00	19° 1	9°20	7°56	13° 7	17°51	3°26	19°56	7°46	16°44	7° 0	7°33	25°55	20°31	W16
T 17	23 42 51	24° 3'13	2 <sup>h</sup> 58	8°50	9°10	13°34	17°52	3°33	19°54	7°48	16°43	6°59	7°30	26° 2	20°28	T 17
F 18	23 46 47	25° 1'28	16°41	8°13	10°25	14° 1	17°52	3°39	19°52	7°50	16°43	6°58	7°27	26° 8	20°25	F 18
S 19	23 50 44	25°59'44	0 <sup>h</sup> 8	7°30	11°39	14°29	17°53	3°45	19°50	7°53	16°42	6°57	7°23	26°15	20°22	S 19
S 20	23 54 40	26°58'03	13°18	6°42	12°53	14°57	17°54	3°51	19°47	7°55	16°41	6°D57	7°20	26°22	20°19	S 20
M21	23 58 37	27°56'23	26° 9	5°49	14° 7	15°26	17°55	3°58	19°45	7°57	16°41	6°57	7°17	26°29	20°17	M21
T 22	0 2 33	28°54'44	8 <sup>h</sup> 43	4°52	15°21	15°55	17°57	4° 4	19°43	7°59	16°40	6°58	7°14	26°35	20°14	T 22
W23	0 6 30	29°53'08	21° 2	3°52	16°35	16°24	17°58	4°11	19°41	8° 1	16°39	6°59	7°11	26°42	20°11	W23
T 24	0 10 26	0 <sup>h</sup> 51'33	3 <sup>h</sup> 9	2°51	17°49	16°54	18° 0	4°17	19°39	8° 4	16°39	7° 0	7° 8	26°49	20° 8	T 24
F 25	0 14 23	1°49'59	15° 7	1°49	19° 4	17°24	18° 2	4°24	19°36	8° 6	16°38	7° 0	7° 4	26°56	20° 5	F 25
S 26	0 18 20	2°48'27	27° 0	0°48	20°18	17°54	18° 4	4°30	19°34	8° 8	16°37	7° 0	7° 1	27° 2	20° 3	S 26
S 27	0 22 16	3°46'57	8 <sup>h</sup> 54	29 <sup>h</sup> 49	21°32	18°25	18° 6	4°37	19°32	8°10	16°36	7°R 0	6°58	27° 9	20° 0	S 27
M28	0 26 13	4°45'29	20°52	28°55	22°46	18°56	18° 9	4°43	19°30	8°13	16°36	7° 0	6°55	27°16	19°57	M28
T 29	0 30 9	5°44'02	2 <sup>h</sup> 59	28° 6	24° 0	19°28	18°12	4°50	19°27	8°15	16°35	7° 0	6°52	27°22	19°54	T 29
W30	0 34 6	6°42'36	15 <sup>h</sup> 20	27 <sup>h</sup> 23	25 <sup>h</sup> 14	20°30	18°14	4 <sup>h</sup> 57	19°Y25	8°17	16°34	7°D 0	6°Y48	27°29	19°Y51	W30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	8n19	25s56	4s57	4s40	2s38	5n29	1n25	27s28	4s19	22s24	0s16	9s58	2n18	7n18	0s41	1s42
W 2	7 58	22 44	4 30	5 7	2 48	5 0	1 24	27 25	4 17	22 24	0 16	10 0	2 18	7 18	0 41	1 43
T 3	7 36	18 26	3 50	5 33	2 57	4 30	1 24	27 22	4 15	22 25	0 16	10 2	2 18	7 17	0 42	1 44
F 4	7 14	13 15	2 57	5 57	3 7	4 0	1 23	27 19	4 13	22 25	0 16	10 4	2 18	7 16	0 42	1 44
S 5	6 52	7 24	1 55	6 20	3 16	3 30	1 23	27 15	4 11	22 25	0 16	10 6	2 18	7 16	0 42	1 45
S 6	6 30	1 6	0 44	6 40	3 25	3 0	1 22	27 12	4 9	22 26	0 16	10 8	2 18	7 15	0 42	1 46
M 7	6 8	5n20	0n30	6 58	3 34	2 30	1 21	27 8	4 7	22 26	0 16	10 10	2 17	7 14	0 42	1 47
T 8	5 46	11 38	1 43	7 15	3 42	2 0	1 20	27 5	4 5	22 26	0 16	10 12	2 17	7 14	0 42	1 48
W 9	5 23	17 27	2 51	7 28	3 50	1 30	1 20	27 1	4 3	22 26	0 16	10 14	2 17	7 13	0 42	1 48
T 10	5 1	22 24	3 50	7 39	3 57	1 0	1 19	26 57	4 1	22 27	0 16	10 16	2 17	7 12	0 42	1 49
F 11	4 38	26 6	4 36	7 48	4 3	0 29	1 18	26 53	3 59	22 27	0 16	10 19	2 17	7 11	0 42	1 50
S 12	4 16	28 12	5 5	7 53	4 8	0s 1	1 16	26 49	3 57	22 27	0 16	10 21	2 17	7 11	0 42	1 51
S 13	3 53	28 27	5 15	7 55	4 13	0 31	1 15	26 45	3 55	22 27	0 17	10 23	2 16	7 10	0 42	1 52
M14	3 30	26 49	5 6	7 54	4 16	1 2	1 14	26 41	3 53	22 27	0 17	10 25	2 16	7 9	0 42	1 53
T 15	3 7	23 29	4 39	7 49	4 19	1 32	1 13	26 36	3 51	22 27	0 17	10 27	2 16	7 8	0 42	1 54
W16	2 44	18 47	3 55	7 40	4 20	2 3	1 12	26 31	3 49	22 27	0 17	10 29	2 16	7 8	0 42	1 54
T 17	2 21	13 8	2 57	7 28	4 19	2 33	1 10	26 27	3 47	22 27	0 17	10 32	2 16	7 7	0 42	1 55
F 18	1 58	6 56	1 50	7 11	4 17	3 3	1 9	26 22	3 45	22 27	0 17	10 34	2 16	7 6	0 42	1 56
S 19	1 35	0 31	0 38	6 51	4 13	3 34	1 7	26 17	3 43	22 27	0 17	10 36	2 16	7 5	0 42	1 57
S 20	1 12	5s46	0s35	6 27	4 8	4 4	1 6	26 12	3 41	22 27	0 17	10 38	2 15	7 4	0 42	1 58
M21	0 49	11 41	1 44	5 59	4 0	4 34	1 4	26 6	3 39	22 27	0 17	10 41	2 15	7 3	0 42	1 59
T 22	0 26	17 0	2 47	5 28	3 51	5 4	1 2	26 1	3 37	22 27	0 17	10 43	2 15	7 3	0 42	2 0
W23	0 3	21 30	3 41	4 54	3 40	5 34	1 1	25 55	3 35	22 27	0 17	10 45	2 15	7 2	0 42	2 0
T 24	0s20	25 1	4 23	4 17	3 27	6 4	0 59	25 50	3 33	22 27	0 17	10 47	2 15	7 1	0 42	2 1
F 25	0 44	27 24	4 54	3 39	3 12	6 34	0 57	25 44	3 31	22 26	0 17	10 50	2 15	7 0	0 42	2 2
S 26	1 7	28 32	5 12	3 0	2 55	7 3	0 55	25 38	3 29	22 26	0 17	10 52	2 15	6 59	0 42	2 3
S 27	1 30	28 20	5 17	2 20	2 38	7 33	0 53	25 31	3 27	22 26	0 18	10 54	2 15	6 58	0 42	2 4
M28	1 53	26 49	5 8	1 42	2 19	8 2	0 51	25 25	3 25	22 26	0 18	10 57	2 14	6 58	0 42	2 5
T 29	2 16	24 3	4 45	1 4	1 59	8 31	0 49	25 19	3 23	22 25	0 18	10 59	2 14	6 57	0 42	2 6
W30	2s39	20s 9	4s 9	0s29	1s39	9s 0	0n47	25s12	3s21	22s25	0s18	11s 1	2n14	6n56	0s42	2s 6

Julian Day Number = 2671298.5, Delta T = 20m18s

Ecliptic obliquity = 23°21'49, Nutation = - 0°00'02

Ayanamsha: Fagan/Bradley = 33°09'20, Lahiri = 32°16'20

## ASTRODIENST EPHEMERIS for the year 2601

OCTOBER 2601

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 38 2	7 <sup>h</sup> 41 <sup>m</sup> 12 <sup>s</sup>	27 <sup>h</sup> 58 <sup>m</sup>	26 <sup>h</sup> R48	26 <sup>h</sup> 28	20 <sup>h</sup> 32	18 <sup>h</sup> 18	5 <sup>m</sup> 4	19 <sup>h</sup> R23	8 <sup>h</sup> 19	16 <sup>h</sup> R33	7 <sup>h</sup> 0	6 <sup>h</sup> 45	27 <sup>h</sup> 36	19 <sup>h</sup> R49	T 1
F 2	0 41 59	8 <sup>h</sup> 39 <sup>m</sup> 50 <sup>s</sup>	10 <sup>h</sup> 54 <sup>m</sup>	26 <sup>h</sup> 12	27 <sup>h</sup> 42	21 <sup>h</sup> 4	18 <sup>h</sup> 21	5 <sup>m</sup> 10	19 <sup>h</sup> 20	8 <sup>h</sup> 21	16 <sup>h</sup> 32	7 <sup>h</sup> 0	6 <sup>h</sup> 42	27 <sup>h</sup> 43	19 <sup>h</sup> 46	F 2
S 3	0 45 55	9 <sup>h</sup> 38 <sup>m</sup> 30 <sup>s</sup>	24 <sup>h</sup> 11	26 <sup>h</sup> 6	28 <sup>h</sup> 56	21 <sup>h</sup> 37	18 <sup>h</sup> 24	5 <sup>m</sup> 17	19 <sup>h</sup> 18	8 <sup>h</sup> 24	16 <sup>h</sup> 31	7 <sup>h</sup> 0	6 <sup>h</sup> 39	27 <sup>h</sup> 49	19 <sup>h</sup> 43	S 3
S 4	0 49 52	10 <sup>h</sup> 37 <sup>m</sup> 12 <sup>s</sup>	7 <sup>h</sup> 47	25 <sup>h</sup> D59	0 <sup>m</sup> 11	22 <sup>h</sup> 10	18 <sup>h</sup> 28	5 <sup>m</sup> 24	19 <sup>h</sup> 15	8 <sup>h</sup> 26	16 <sup>h</sup> 31	7 <sup>h</sup> R 0	6 <sup>h</sup> 36	27 <sup>h</sup> 56	19 <sup>h</sup> 41	S 4
M 5	0 53 49	11 <sup>h</sup> 35 <sup>m</sup> 55 <sup>s</sup>	21 <sup>h</sup> 40	26 <sup>h</sup> 2	1 <sup>h</sup> 25	22 <sup>h</sup> 44	18 <sup>h</sup> 32	5 <sup>m</sup> 31	19 <sup>h</sup> 13	8 <sup>h</sup> 28	16 <sup>h</sup> 30	7 <sup>h</sup> 0	6 <sup>h</sup> 33	28 <sup>h</sup> 3	19 <sup>h</sup> 38	M 5
T 6	0 57 45	12 <sup>h</sup> 34 <sup>m</sup> 40 <sup>s</sup>	5 <sup>h</sup> 48	26 <sup>h</sup> 15	2 <sup>h</sup> 39	23 <sup>h</sup> 17	18 <sup>h</sup> 36	5 <sup>m</sup> 38	19 <sup>h</sup> 11	8 <sup>h</sup> 30	16 <sup>h</sup> 29	7 <sup>h</sup> 0	6 <sup>h</sup> 29	28 <sup>h</sup> 9	19 <sup>h</sup> 36	T 6
W 7	1 1 42	13 <sup>h</sup> 33 <sup>m</sup> 28 <sup>s</sup>	20 <sup>h</sup> 6	26 <sup>h</sup> 38	3 <sup>h</sup> 53	23 <sup>h</sup> 51	18 <sup>h</sup> 40	5 <sup>m</sup> 45	19 <sup>h</sup> 8	8 <sup>h</sup> 33	16 <sup>h</sup> 28	6 <sup>h</sup> 59	6 <sup>h</sup> 26	28 <sup>h</sup> 16	19 <sup>h</sup> 33	W 7
T 8	1 5 38	14 <sup>h</sup> 32 <sup>m</sup> 18 <sup>s</sup>	4 <sup>h</sup> 10	27 <sup>h</sup> 10	5 <sup>h</sup> 7	24 <sup>h</sup> 25	18 <sup>h</sup> 44	5 <sup>m</sup> 52	19 <sup>h</sup> 6	8 <sup>h</sup> 35	16 <sup>h</sup> 27	6 <sup>h</sup> 58	6 <sup>h</sup> 23	28 <sup>h</sup> 23	19 <sup>h</sup> 30	T 8
F 9	1 9 35	15 <sup>h</sup> 31 <sup>m</sup> 10 <sup>s</sup>	18 <sup>h</sup> 54	27 <sup>h</sup> 52	6 <sup>h</sup> 21	25 <sup>h</sup> 0	18 <sup>h</sup> 48	5 <sup>m</sup> 59	19 <sup>h</sup> 3	8 <sup>h</sup> 37	16 <sup>h</sup> 26	6 <sup>h</sup> 57	6 <sup>h</sup> 20	28 <sup>h</sup> 30	19 <sup>h</sup> 28	F 9
S 10	1 13 31	16 <sup>h</sup> 30 <sup>m</sup> 05 <sup>s</sup>	3 <sup>h</sup> 51	28 <sup>h</sup> 41	7 <sup>h</sup> 35	25 <sup>h</sup> 34	18 <sup>h</sup> 53	6 <sup>m</sup> 6	19 <sup>h</sup> 1	8 <sup>h</sup> 39	16 <sup>h</sup> 25	6 <sup>h</sup> 57	6 <sup>h</sup> 17	28 <sup>h</sup> 36	19 <sup>h</sup> 26	S 10
S 11	1 17 28	17 <sup>h</sup> 29 <sup>m</sup> 01 <sup>s</sup>	17 <sup>h</sup> 29	29 <sup>h</sup> 39	8 <sup>h</sup> 49	26 <sup>h</sup> 9	18 <sup>h</sup> 58	6 <sup>m</sup> 13	18 <sup>h</sup> 59	8 <sup>h</sup> 41	16 <sup>h</sup> 24	6 <sup>h</sup> D57	6 <sup>m</sup> 13	28 <sup>h</sup> 43	19 <sup>h</sup> 23	S 11
M 12	1 21 24	18 <sup>h</sup> 28 <sup>m</sup> 00 <sup>s</sup>	1 <sup>h</sup> 33	0 <sup>h</sup> 44	10 <sup>h</sup> 3	26 <sup>h</sup> 44	19 <sup>h</sup> 3	6 <sup>m</sup> 20	18 <sup>h</sup> 56	8 <sup>h</sup> 44	16 <sup>h</sup> 23	6 <sup>h</sup> 57	6 <sup>m</sup> 10	28 <sup>h</sup> 50	19 <sup>h</sup> 21	M 12
T 13	1 25 21	19 <sup>h</sup> 27 <sup>m</sup> 02 <sup>s</sup>	15 <sup>h</sup> 27	1 <sup>h</sup> 56	11 <sup>h</sup> 17	27 <sup>h</sup> 20	19 <sup>h</sup> 8	6 <sup>m</sup> 27	18 <sup>h</sup> 54	8 <sup>h</sup> 46	16 <sup>h</sup> 22	6 <sup>h</sup> 58	6 <sup>m</sup> 7	28 <sup>h</sup> 57	19 <sup>h</sup> 18	T 13
W 14	1 29 18	20 <sup>h</sup> 26 <sup>m</sup> 05 <sup>s</sup>	29 <sup>h</sup> 9	3 <sup>h</sup> 13	12 <sup>h</sup> 31	27 <sup>h</sup> 56	19 <sup>h</sup> 13	6 <sup>m</sup> 34	18 <sup>h</sup> 51	8 <sup>h</sup> 48	16 <sup>h</sup> 21	6 <sup>h</sup> 59	6 <sup>m</sup> 4	29 <sup>h</sup> 3	19 <sup>h</sup> 16	W 14
T 15	1 33 14	21 <sup>h</sup> 25 <sup>m</sup> 11 <sup>s</sup>	12 <sup>h</sup> 39	4 <sup>h</sup> 35	13 <sup>h</sup> 45	28 <sup>h</sup> 31	19 <sup>h</sup> 19	6 <sup>m</sup> 41	18 <sup>h</sup> 49	8 <sup>h</sup> 50	16 <sup>h</sup> 20	7 <sup>h</sup> 0	6 <sup>m</sup> 1	29 <sup>h</sup> 10	19 <sup>h</sup> 14	T 15
F 16	1 37 11	22 <sup>h</sup> 24 <sup>m</sup> 19 <sup>s</sup>	25 <sup>h</sup> 55	6 <sup>m</sup> 1	14 <sup>h</sup> 59	29 <sup>h</sup> 8	19 <sup>h</sup> 25	6 <sup>m</sup> 48	18 <sup>h</sup> 46	8 <sup>h</sup> 52	16 <sup>h</sup> 19	7 <sup>h</sup> 1	5 <sup>h</sup> 58	29 <sup>h</sup> 17	19 <sup>h</sup> 11	F 16
S 17	1 41 7	23 <sup>h</sup> 23 <sup>m</sup> 29 <sup>s</sup>	8 <sup>h</sup> 59	7 <sup>h</sup> 32	16 <sup>h</sup> 13	29 <sup>h</sup> 44	19 <sup>h</sup> 30	6 <sup>m</sup> 55	18 <sup>h</sup> 44	8 <sup>h</sup> 55	16 <sup>h</sup> 18	7 <sup>h</sup> R 1	5 <sup>h</sup> 54	29 <sup>h</sup> 23	19 <sup>h</sup> 9	S 17
S 18	1 45 4	24 <sup>h</sup> 22 <sup>m</sup> 41 <sup>s</sup>	21 <sup>h</sup> 50	9 <sup>m</sup> 5	17 <sup>h</sup> 27	0 <sup>h</sup> 20	19 <sup>h</sup> 36	7 <sup>m</sup> 3	18 <sup>h</sup> 42	8 <sup>h</sup> 57	16 <sup>h</sup> 17	7 <sup>h</sup> 0	5 <sup>h</sup> 51	29 <sup>h</sup> 30	19 <sup>h</sup> 7	S 18
M 19	1 49 0	25 <sup>h</sup> 21 <sup>m</sup> 55 <sup>s</sup>	4 <sup>h</sup> 12	10 <sup>h</sup> 41	18 <sup>h</sup> 41	0 <sup>h</sup> 57	19 <sup>h</sup> 43	7 <sup>m</sup> 10	18 <sup>h</sup> 39	8 <sup>h</sup> 59	16 <sup>h</sup> 16	6 <sup>h</sup> 59	5 <sup>h</sup> 48	29 <sup>h</sup> 37	19 <sup>h</sup> 5	M 19
T 20	1 52 57	26 <sup>h</sup> 21 <sup>m</sup> 11 <sup>s</sup>	16 <sup>h</sup> 52	12 <sup>h</sup> 19	19 <sup>h</sup> 55	1 <sup>h</sup> 34	19 <sup>h</sup> 49	7 <sup>m</sup> 17	18 <sup>h</sup> 37	9 <sup>m</sup> 1	16 <sup>h</sup> 15	6 <sup>h</sup> 56	5 <sup>h</sup> 45	29 <sup>h</sup> 44	19 <sup>h</sup> 3	T 20
W 21	1 56 53	27 <sup>h</sup> 20 <sup>m</sup> 29 <sup>s</sup>	29 <sup>h</sup> 5	13 <sup>h</sup> 59	21 <sup>h</sup> 9	2 <sup>h</sup> 11	19 <sup>h</sup> 55	7 <sup>m</sup> 24	18 <sup>h</sup> 34	9 <sup>m</sup> 3	16 <sup>h</sup> 14	6 <sup>h</sup> 53	5 <sup>h</sup> 42	29 <sup>h</sup> 50	19 <sup>h</sup> 0	W 21
T 22	2 0 50	28 <sup>h</sup> 19 <sup>m</sup> 49 <sup>s</sup>	11 <sup>h</sup> 1	15 <sup>h</sup> 40	22 <sup>h</sup> 23	2 <sup>h</sup> 49	20 <sup>h</sup> 2	7 <sup>m</sup> 32	18 <sup>h</sup> 32	9 <sup>m</sup> 5	16 <sup>h</sup> 13	6 <sup>h</sup> 50	5 <sup>h</sup> 39	29 <sup>h</sup> 57	18 <sup>h</sup> 58	T 22
F 23	2 4 46	29 <sup>h</sup> 19 <sup>m</sup> 11 <sup>s</sup>	23 <sup>h</sup> 6	17 <sup>h</sup> 22	23 <sup>h</sup> 37	3 <sup>h</sup> 26	20 <sup>h</sup> 9	7 <sup>m</sup> 39	18 <sup>h</sup> 30	9 <sup>m</sup> 7	16 <sup>h</sup> 12	6 <sup>h</sup> 46	5 <sup>h</sup> 35	0 <sup>h</sup> 3	18 <sup>h</sup> 56	F 23
S 24	2 8 43	0 <sup>h</sup> 18 <sup>m</sup> 35 <sup>s</sup>	4 <sup>h</sup> 38	19 <sup>h</sup> 5	24 <sup>h</sup> 51	4 <sup>h</sup> 4	20 <sup>h</sup> 16	7 <sup>m</sup> 46	18 <sup>h</sup> 27	9 <sup>m</sup> 10	16 <sup>h</sup> 11	6 <sup>h</sup> 43	5 <sup>h</sup> 32	0 <sup>h</sup> 10	18 <sup>h</sup> 54	S 24
S 25	2 12 40	1 <sup>h</sup> 18 <sup>m</sup> 00 <sup>s</sup>	16 <sup>h</sup> 50	20 <sup>h</sup> 48	26 <sup>h</sup> 5	4 <sup>h</sup> 42	20 <sup>h</sup> 23	7 <sup>m</sup> 53	18 <sup>h</sup> 25	9 <sup>m</sup> 12	16 <sup>h</sup> 10	6 <sup>h</sup> 41	5 <sup>h</sup> 29	0 <sup>h</sup> 17	18 <sup>h</sup> 53	S 25
M 26	2 16 36	2 <sup>h</sup> 17 <sup>m</sup> 27 <sup>s</sup>	28 <sup>h</sup> 46	22 <sup>h</sup> 32	27 <sup>h</sup> 19	5 <sup>h</sup> 20	20 <sup>h</sup> 30	8 <sup>m</sup> 1	18 <sup>h</sup> 23	9 <sup>m</sup> 14	16 <sup>h</sup> 9	6 <sup>h</sup> D40	5 <sup>h</sup> 26	0 <sup>h</sup> 24	18 <sup>h</sup> 51	M 26
T 27	2 20 33	3 <sup>h</sup> 16 <sup>m</sup> 56 <sup>s</sup>	10 <sup>h</sup> 51	24 <sup>h</sup> 15	28 <sup>h</sup> 33	5 <sup>h</sup> 59	20 <sup>h</sup> 37	8 <sup>m</sup> 8	18 <sup>h</sup> 20	9 <sup>m</sup> 16	16 <sup>h</sup> 8	6 <sup>h</sup> 40	5 <sup>h</sup> 23	0 <sup>h</sup> 31	18 <sup>h</sup> 49	T 27
W 28	2 24 29	4 <sup>h</sup> 16 <sup>m</sup> 27 <sup>s</sup>	23 <sup>h</sup> 9	25 <sup>h</sup> 59	29 <sup>h</sup> 47	6 <sup>h</sup> 37	20 <sup>h</sup> 45	8 <sup>m</sup> 15	18 <sup>h</sup> 18	9 <sup>m</sup> 18	16 <sup>h</sup> 6	6 <sup>h</sup> 42	5 <sup>h</sup> 19	0 <sup>h</sup> 37	18 <sup>h</sup> 47	W 28
T 29	2 28 26	5 <sup>h</sup> 15 <sup>m</sup> 59 <sup>s</sup>	5 <sup>h</sup> 46	27 <sup>h</sup> 42	1 <sup>h</sup> 1	7 <sup>h</sup> 16	20 <sup>h</sup> 53	8 <sup>m</sup> 23	18 <sup>h</sup> 16	9 <sup>m</sup> 20	16 <sup>h</sup> 5	6 <sup>h</sup> 43	5 <sup>h</sup> 16	0 <sup>h</sup> 44	18 <sup>h</sup> 45	T 29
F 30	2 32 22	6 <sup>h</sup> 15 <sup>m</sup> 33 <sup>s</sup>	18 <sup>h</sup> 44	29 <sup>h</sup> 25	2 <sup>h</sup> 15	7 <sup>h</sup> 55	21 <sup>h</sup> 0	8 <sup>m</sup> 30	18 <sup>h</sup> 14	9 <sup>m</sup> 22	16 <sup>h</sup> 4	6 <sup>h</sup> 45	5 <sup>h</sup> 13	0 <sup>h</sup> 51	18 <sup>h</sup> 44	F 30
S 31	2 36 19	7 <sup>h</sup> 15 <sup>m</sup> 09 <sup>s</sup>	2 <sup>h</sup> 7	1 <sup>h</sup> 8	3 <sup>h</sup> 29	8 <sup>h</sup> 34	21 <sup>h</sup> 8	8 <sup>m</sup> 37	18 <sup>h</sup> 11	9 <sup>m</sup> 24	16 <sup>h</sup> 3	6 <sup>h</sup> R46	5 <sup>h</sup> 10	0 <sup>h</sup> 58	18 <sup>h</sup> 42	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	3s 2	15s16	3s20	0n 3	1s19	9s29	0n45	25s 5	3s19	22s25	0s18	11s 4	2n14	6n55	0s42	2s 7	1n16	0n45	16s38	2n46	2n40	28s25	0n11	4n34					
F 2	3 25	9 37	2 20	0 32	0 59	9 58	0 43	24 58	3 17	22 24	0 18	11 6	2 14	6 54	0 42	2 8	1 16	0 45	16 38	2 46	2 39	28 26	0 10	4 34					
S 3	3 49	3 23	1 11	0 56	0 40	10 26	0 41	24 51	3 15	22 24	0 18	11 8	2 14	6 53	0 42	2 9	1 16	0 44	16 38	2 46	2 38	28 26	0 9	4 34					
S 4	4 11	3n 8	0n 4	1 17	0 21	10 54	0 38	24 43	3 13	22 23	0 18	11 11	2 14	6 52	0 42	2 10	1 16	0 44	16 39	2 46	2 37	28 26	0 8	4 34					
M 5	4 34	9 40	1 20	1 32	0 3	11 22	0 36	24 36	3 11	22 23	0 18	11 13	2 14	6 51	0 42	2 11	1 16	0 43	16 39	2 46	2 35	28 26	0 7	4 34					
T 6	4 57	15 49	2 33	1 42	0n14	11 49	0 34	24 28	3 9	22 23	0 18	11 15	2 14	6 50	0 42	2 12	1 16	0 43	16 39	2 46	2 34	28 27	0 5	4 34					
W 7	5 20	21 11	3 37	1 48	0 30	12 17	0 31	24 20	3 7	22 22	0 18	11 18	2 13	6 49	0 42	2 13	1 16	0 43	16 39	2 46	2 33	28 27	0 4	4 33					
T 8	5 43	25 21	4 27	1 48	0 44	12 44	0 29	24 12	3 5	22 22	0 18	11 20	2 13	6 49	0 42	2 13	1 16	0 42	16 39	2 46	2 32	28 27	0 3	4 33					
F 9	6 5	27 54	5 1	1 44	0 58	13 11	0 27	24 4	3 3	22 21	0 18	11 22	2 13	6 48	0 42	2 14	1 16	0 42	16 39	2 45	2 30	28 27	0 2	4 33					
S 10	6 28	28 35	5 16	1 35	1 9	13 37	0 24	23 56	3 1	22 20	0 18	11 25	2 13	6 47	0 42	2 15	1 16	0 41	16 40	2 45	2 29	28 27	0 1	4 33					
S 11	6 51	27 22	5 11	1 21	1 20	14 3	0 22	23 47	2 59	22 20	0 18	11 27	2 13	6 46	0 42	2 16	1 16	0 41	16 40	2 45	2 28	28 28	0s 0	4 33					
M 12	7 13	24 25	4 48	1 4	1 29	14 29	0 19	23 39	2 57	22 19	0 18	11 30	2 13	6 45	0 42	2 17	1 16	0 41	16 40	2 45	2 27	28 28	0 1	4 32					
T 13	7 35	20 6	4 8	0 43	1 36	14 54	0 16	23 30	2 56	22 18	0 18	11 32	2 13	6 44	0 42	2 18	1 16	0 40	16 40	2 45	2 25	28 28	0 3	4 32					
W 14	7 58	14 46	3 14	0 18	1 43	15 20	0 14	23 21	2 54	22 18	0 18	11 34	2 13	6 43	0 42	2 19	1 16	0 40	16 40	2 46	2 24	28 28	0 4	4 32					
T 15	8 20	8 48	2 11	0s10	1 48	15 44	0 11	23 11	2 52	22 17	0 19	11 37	2 13	6 42	0 42	2 19	1 16	0 39	16 40	2 46	2 23	28 28	0 5	4 32					
F 16	8 42	2 33	1 1	0 40	1 52	16 9	0 9	23 2	2 50	22 16	0 19	11 39	2 13	6 41	0 42	2 20	1 16	0 39	16 40	2 46	2 22	28 28	0 6	4 32					
S 17	9 4	3s43	0s11	1 13	1 55	16 33	0 6	22 53	2 48	22 15	0 19	11 41	2 13	6 40	0 42	2 21	1 16	0 39	16 41	2 47	2 20	28 28	0 7	4 31					
S 18	9 25	9 44	1 21	1 48	1 57	16 56	0 3	22 43	2 46	22 15	0 19	11 44	2 13	6 40	0 42	2 22	1 16	0 38	16 41	2 46	2 19	28 29	0 8	4 31					
M 19	9 47	15 15	2 26	2 25	1 57	17 19	0 1	22 33	2 44	22 14	0 19	11 46	2 13	6 39	0 42	2 23	1 16	0 38	16 41	2 46	2 18	28 29	0 9	4 31					
T 20	10 8	20 3	3 22	3 3	1 57	17 42	0s 2	22 23	2 42	22 13	0 19	11 49	2 13	6 38	0 42	2 24	1 16	0 38	16 41	2 45	2 17	28 29	0 10	4 31					
W 21	10 30	23 56	4 8	3 42	1 57	18 4	0 5	22 12	2 40	22 12	0 19	11 51	2 13	6 37	0 42	2 24	1 16	0 37	16 41	2 44	2 15	28 29	0 11	4 30					
T 22	10 51	26 43	4 43	4 23	1 55	18 26	0 7	22 2	2 38	22 11	0 19	11 53	2 13	6 36	0 42	2 25	1 16	0 37	16 41	2 42	2 14	28 29	0 12	4 30					
F 23	11 12	28 16	5 5	5 3	1 53	18 47	0 10	21 51	2 36	22 10	0 19	11 56	2 12	6 35	0 42	2 26	1 16	0 36	16 41	2 41	2 13	28 29	0 13	4 30					
S 24	11 33	28 30	5 14	5 45	1 50	19 8	0 13	21 40	2 34	22 9	0 19	11 58	2 12	6 34	0 42	2 27	1 16	0 36	16 41	2 40	2 12	28 29	0 14	4 30					
S 25	11 53	27 25	5 9	6 27	1 47	19 28	0 16	21 30	2 32	22 8	0 19	12 0	2 12	6 33	0 42	2 28	1 17	0 36	16 41	2 39	2 10	28 29	0 15	4 29					
M 26	12 14	25 5	4 51	7 9	1 43	19 48	0 18	21 18	2 30	22 7	0 19	12 3	2 12	6 32	0 42	2 28	1 17	0 35	16 41	2 38	2 9	28 29	0 16	4 29					
T 27	12 34	21 37	4 20	7 51	1 39	20 7	0 21	21 7	2 29	22 6	0 19	12 5	2 12	6 32	0 42	2 29	1 17	0 35	16 41	2 39	2 8	28 29	0 17	4 29					
W 28	12 54	17 10	3 36	8 32	1 34	20 26	0 24	20 56	2 27	22 5	0 19	12 7	2 12	6 31	0 42	2 30	1 17	0 35	16 41	2 39	2 7	28 29	0 18	4 29					
T 29	13 14	11 52	2 42	9 14	1 29	20 44	0 27	20 44	2 25	22 4	0 19	12 10	2 12	6 30	0 42	2 31	1 17	0 34	16 42	2 40	2 5	28 29	0 19	4 28					
F 30	13 34	5 56	1 37	9 56	1 24	21 2	0 29	20 32	2 23	22 3	0 19	12 12	2 12	6 29	0 42	2 32	1 17	0 34	16 42	2 40	2 4	28 29	0 20	4 28					
S 31	13s53	0n27	0s25	10s37	1n18	21s19	0s32	20s20	2s21	22s 2	0s19	12s14	2n12	6n28	0s42	2s32	1n17	0n34	16s42	2n41	2n 3	28s30	0s21	4n28					

# ASTRODIENST EPHEMERIS for the year 2601

NOVEMBER 2601

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 40 15	8♂14'46	15♂55	2♂51	4♂43	9♂13	21♂16	8♂44	18°R 9	9♂26	16°R 2	6°R46	5♂7	1♂4	18°R40	S 1
M 2	2 44 12	9°14'26	0♂7	4°33	5°57	9°52	21°25	8°52	18♂7	9°28	16♂1	6♂44	5°4	1°11	18♂39	M 2
T 3	2 48 9	10°14'07	14°40	6°14	7°11	10°32	21°33	8°59	18°5	9°30	16°0	6°40	5°0	1°18	18°37	T 3
W 4	2 52 5	11°13'51	29°26	7°55	8°25	11°11	21°41	9°6	18°2	9°32	15°59	6°36	4°57	1°24	18°36	W 4
T 5	2 56 2	12°13'36	14♂18	9°36	9°38	11°51	21°50	9°14	18°0	9°34	15°58	6°30	4°54	1°31	18°35	T 5
F 6	2 59 58	13°13'24	29°8	11°16	10°52	12°31	21°59	9°21	17°58	9°36	15°56	6°25	4°51	1°38	18°33	F 6
S 7	3 3 55	14°13'14	13♂48	12°56	12°6	13°11	22°8	9°28	17°56	9°38	15°55	6°21	4°48	1°45	18°32	S 7
S 8	3 7 51	15°13'06	28°13	14°35	13°20	13°51	22°17	9°36	17°54	9°40	15°54	6°18	4°45	1°51	18°31	S 8
M 9	3 11 48	16°13'00	12♂19	16°13	14°34	14°31	22°26	9°43	17°52	9°42	15°53	6°D16	4°41	1°58	18°30	M 9
T 10	3 15 45	17°12'57	26°6	17°51	15°48	15°11	22°35	9°50	17°50	9°43	15°52	6°17	4°38	2°5	18°28	T 10
W 11	3 19 41	18°12'55	9♂33	19°29	17°1	15°52	22°44	9°57	17°48	9°45	15°51	6°18	4°35	2°11	18°27	W 11
T 12	3 23 38	19°12'56	22°44	21°6	18°15	16°32	22°54	10°5	17°46	9°47	15°50	6°19	4°32	2°18	18°26	T 12
F 13	3 27 34	20°12'58	5♂39	22°43	19°29	17°13	23°4	10°12	17°44	9°49	15°49	6°R20	4°29	2°25	18°25	F 13
S 14	3 31 31	21°13'03	18°21	24°19	20°43	17°54	23°13	10°19	17°42	9°51	15°47	6°19	4°25	2°32	18°24	S 14
S 15	3 35 27	22°13'10	0♂53	25°55	21°57	18°35	23°23	10°26	17°40	9°52	15°46	6°16	4°22	2°38	18°24	S 15
M 16	3 39 24	23°13'18	13°14	27°30	23°10	19°16	23°33	10°34	17°38	9°54	15°45	6°11	4°19	2°45	18°23	M 16
T 17	3 43 20	24°13'29	25°27	29°5	24°24	19°57	23°43	10°41	17°37	9°56	15°44	6°4	4°16	2°52	18°22	T 17
W 18	3 47 17	25°13'41	7♂32	0♂40	25°38	20°38	23°53	10°48	17°35	9°58	15°43	5°55	4°13	2°59	18°21	W 18
T 19	3 51 14	26°13'55	19°31	2°14	26°52	21°19	24°4	10°55	17°33	9°59	15°42	5°44	4°10	3°5	18°21	T 19
F 20	3 55 10	27°14'11	1♂25	3°48	28°5	22°1	24°14	11°2	17°31	10°1	15°41	5°34	4°6	3°12	18°20	F 20
S 21	3 59 7	28°14'29	13°16	5°22	29°19	22°42	24°25	11°9	17°30	10°3	15°40	5°25	4°3	3°19	18°20	S 21
S 22	4 3 3	29°14'47	25°7	6°55	0♂33	23°24	24°35	11°16	17°28	10°4	15°39	5°18	4°0	3°25	18°19	S 22
M 23	4 7 0	0♂15'08	7♂1	8°28	1°46	24°5	24°46	11°24	17°26	10°6	15°37	5°12	3°57	3°32	18°19	M 23
T 24	4 10 56	1°15'29	19°2	10°1	3°0	24°47	24°57	11°31	17°25	10°7	15°36	5°9	3°54	3°39	18°19	T 24
W 25	4 14 53	2°15'52	1♂16	11°34	4°14	25°29	25°8	11°38	17°23	10°9	15°35	5°D 8	3°51	3°46	18°18	W 25
T 26	4 18 49	3°16'17	13°46	13°6	5°27	26°11	25°19	11°45	17°22	10°10	15°34	5°9	3°47	3°52	18°18	T 26
F 27	4 22 46	4°16'42	26°39	14°38	6°41	26°53	25°30	11°52	17°21	10°12	15°33	5°10	3°44	3°59	18°18	F 27
S 28	4 26 43	5°17'09	9♂57	16°9	7°54	27°35	25°41	11°58	17°19	10°13	15°32	5°R10	3°41	4°6	18°18	S 28
S 29	4 30 39	6°17'37	23°45	17°41	9°8	28°17	25°52	12°5	17°18	10°15	15°31	5°8	3°38	4°13	18°D18	S 29
M 30	4 34 36	7♂18'07	8♂1	19♂12	10♂22	28♂59	26♂3	12♂12	17♂16	10♂16	15♂30	5♂4	3♂35	4♂19	18♂18	M 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14s13	7n 1	0n50	11s17	1n12	21s35	0s35	20s 8	2s19	22s 0	0s19	12s17	2n12	6n27	0s42	2s33	1n17	0n33	16s42	2n41	2n 2	28s30	0s22	4n28			
M 2	14 32	13 25	2 4	11 57	1 6	21 51	0 38	19 56	2 17	21 59	0 19	12 19	2 12	6 26	0 42	2 34	1 17	0 33	16 42	2 40	2 0	28 30	0 22	4 27			
T 3	14 51	19 14	3 12	12 36	1 0	22 6	0 40	19 43	2 16	21 58	0 19	12 21	2 12	6 26	0 42	2 35	1 17	0 33	16 42	2 38	1 59	28 30	0 23	4 27			
W 4	15 9	24 0	4 8	13 15	0 54	22 21	0 43	19 30	2 14	21 57	0 20	12 24	2 12	6 25	0 42	2 35	1 17	0 32	16 42	2 37	1 58	28 29	0 24	4 27			
T 5	15 27	27 12	4 48	13 53	0 47	22 35	0 46	19 18	2 12	21 55	0 20	12 26	2 12	6 24	0 41	2 36	1 17	0 32	16 42	2 35	1 56	28 29	0 25	4 26			
F 6	15 46	28 29	5 8	14 31	0 41	22 48	0 49	19 5	2 10	21 54	0 20	12 28	2 12	6 23	0 41	2 37	1 17	0 32	16 42	2 32	1 55	28 29	0 26	4 26			
S 7	16 3	27 45	5 8	15 7	0 34	23 1	0 51	18 51	2 8	21 53	0 20	12 31	2 12	6 23	0 41	2 37	1 17	0 31	16 42	2 31	1 54	28 29	0 26	4 26			
S 8	16 21	25 9	4 48	15 43	0 28	23 13	0 54	18 38	2 6	21 51	0 20	12 33	2 12	6 22	0 41	2 38	1 17	0 31	16 42	2 30	1 53	28 29	0 27	4 26			
M 9	16 38	21 4	4 11	16 18	0 21	23 25	0 56	18 25	2 5	21 50	0 20	12 35	2 12	6 21	0 41	2 39	1 17	0 31	16 42	2 29	1 51	28 29	0 28	4 25			
T 10	16 55	15 56	3 21	16 52	0 14	23 35	0 59	18 11	2 3	21 48	0 20	12 37	2 12	6 20	0 41	2 40	1 17	0 31	16 42	2 29	1 50	28 29	0 29	4 25			
W 11	17 12	10 7	2 20	17 26	0 7	23 45	1 2	17 57	2 1	21 47	0 20	12 40	2 12	6 20	0 41	2 40	1 17	0 30	16 42	2 30	1 49	28 29	0 29	4 25			
T 12	17 28	4 0	1 13	17 58	0 0	23 55	1 4	17 44	1 59	21 45	0 20	12 42	2 12	6 19	0 41	2 41	1 17	0 30	16 42	2 30	1 48	28 29	0 30	4 24			
F 13	17 45	2s11	0 4	18 30	0s 6	24 3	1 7	17 30	1 57	21 44	0 20	12 44	2 12	6 18	0 41	2 42	1 17	0 30	16 42	2 30	1 46	28 29	0 31	4 24			
S 14	18 0	8 10	1s 5	19 0	0 13	24 11	1 9	17 15	1 56	21 42	0 20	12 46	2 12	6 17	0 41	2 42	1 17	0 30	16 42	2 30	1 45	28 29	0 31	4 24			
S 15	18 16	13 45	2 8	19 30	0 20	24 19	1 12	17 1	1 54	21 41	0 20	12 49	2 12	6 17	0 41	2 43	1 17	0 29	16 41	2 29	1 44	28 29	0 32	4 23			
M 16	18 31	18 42	3 5	19 58	0 26	24 25	1 14	16 47	1 52	21 39	0 20	12 51	2 12	6 16	0 41	2 44	1 17	0 29	16 41	2 27	1 43	28 29	0 32	4 23			
T 17	18 46	22 50	3 53	20 26	0 33	24 31	1 16	16 32	1 50	21 37	0 20	12 53	2 12	6 15	0 41	2 44	1 17	0 29	16 41	2 24	1 41	28 29	0 33	4 23			
W 18	19 1	25 56	4 29	20 52	0 40	24 36	1 19	16 17	1 49	21 36	0 20	12 55	2 13	6 15	0 41	2 45	1 17	0 29	16 41	2 20	1 40	28 28	0 34	4 23			
T 19	19 15	27 50	4 53	21 18	0 46	24 41	1 21	16 2	1 47	21 34	0 20	12 57	2 13	6 14	0 41	2 46	1 17	0 28	16 41	2 16	1 39	28 28	0 34	4 22			
F 20	19 29	28 26	5 5	21 42	0 52	24 44	1 23	15 47	1 45	21 32	0 20	12 59	2 13	6 13	0 41	2 46	1 17	0 28	16 41	2 12	1 38	28 28	0 35	4 22			
S 21	19 42	27 43	5 3	22 5	0 59	24 47	1 26	15 32	1 44	21 30	0 20	13 2	2 13	6 13	0 41	2 47	1 17	0 28	16 41	2 9	1 36	28 28	0 35	4 22			
S 22	19 56	25 45	4 48	22 28	1 5	24 49	1 28	15 17	1 42	21 28	0 20	13 4	2 13	6 12	0 41	2 47	1 17	0 28	16 41	2 6	1 35	28 28	0 36	4 21			
M 23	20 8	22 39	4 20	22 49	1 11	24 51	1 30	15 1	1 40	21 27	0 20	13 6	2 13	6 12	0 41	2 48	1 17	0 28	16 41	2 4	1 34	28 28	0 36	4 21			
T 24	20 21	18 34	3 41	23 9	1 17	24 52	1 32	14 46	1 38	21 25	0 21	13 8	2 13	6 11	0 41	2 48	1 17	0 27	16 41	2 2	1 33	28 27	0 36	4 21			
W 25	20 33	13 39	2 51	23 27	1 22	24 52	1 34	14 30	1 37	21 23	0 21	13 10	2 13	6 11	0 41	2 49	1 18	0 27	16 41	2 2	1 31	28 27	0 37	4 20			
T 26	20 45	8 5	1 52	23 45	1 28	24 51	1 36	14 15	1 35	21 21	0 21	13 12	2 13	6 10	0 41	2 50	1 18	0 27	16 40	2 2	1 30	28 27	0 37	4 20			
F 27	20 56	2 1	0 45	24 1	1 33	24 49	1 38	13 59	1 33	21 19	0 21	13 14	2 13	6 9	0 41	2 50	1 18	0 27	16 40	2 3	1 29	28 27	0 37	4 20			
S 28	21 7	4n19	0n26	24 17	1 38	24 47	1 40	13 43	1 32	21 17	0 21	13 16	2 13	6 9	0 41	2 51	1 18	0 27	16 40	2 3	1 28	28 27	0 38	4 19			
S 29	21 17	10 42	1 37	24 30	1 43	24 44	1 41	13 27	1 30	21 15	0 21	13 18	2 13	6 9	0 41	2 51	1 18	0 27	16 40	2 2	1 26	28 26	0 38	4 19			
M 30	21s28	16n45	2n46	24s43	1s48	24s40	1s43	13s10	1s29	21s13	0s21	13s20	2n13	6n 8	0s41	2s52	1n18	0n26	16s40	2n 1	1n25	28s26	0s38	4n19			

## ASTRODIENST EPHEMERIS for the year 2601

DECEMBER 2601

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 38 32	8♂18'38	22♂45	20♂43	11♂35	29♂42	26♂15	12♂19	17♂15	10♂18	15♂29	4♂58	3♂31	4♂26	18♂18	T 1
W 2	4 42 29	9♂19'10	7♂48	22♂14	12♂48	0♂24	26♂27	12♂26	17♂14	10♂19	15♂28	4♂49	3♂28	4♂33	18♂18	W 2
T 3	4 46 25	10♂19'44	23♂ 2	23♂44	14♂ 2	1° 6	26♂38	12♂33	17♂13	10♂20	15♂27	4♂39	3♂25	4♂39	18♂18	T 3
F 4	4 50 22	11♂20'19	8♂16	25♂14	15♂15	1°49	26♂50	12♂39	17♂12	10♂22	15♂26	4♂29	3♂22	4♂46	18♂19	F 4
S 5	4 54 18	12♂20'56	23♂19	26♂44	16♂29	2°31	27° 2	12♂46	17°11	10♂23	15°25	4°20	3°19	4°53	18°19	S 5
S 6	4 58 15	13♂21'35	8♂ 2	28♂13	17♂42	3°14	27°14	12°53	17°10	10°24	15°24	4°13	3°16	5° 0	18°19	S 6
M 7	5 2 12	14♂22'15	22♂21	29♂42	18°55	3°56	27°26	12°59	17° 9	10°25	15°23	4° 9	3°12	5° 6	18°20	M 7
T 8	5 6 8	15♂22'57	6♂13	1♂11	20° 9	4°39	27°38	13° 6	17° 8	10°26	15°22	4° 7	3° 9	5°13	18°20	T 8
W 9	5 10 5	16♂23'40	19♂39	2°39	21°22	5°22	27°50	13°13	17° 7	10°28	15°21	4°D 7	3° 6	5°20	18°21	W 9
T 10	5 14 1	17♂24'24	2♂43	4° 6	22°35	6° 5	28° 2	13°19	17° 6	10°29	15°20	4°R 7	3° 3	5°27	18°21	T 10
F 11	5 17 58	18♂25'11	15°27	5°33	23°48	6°47	28°15	13°25	17° 5	10°30	15°19	4° 6	3° 0	5°33	18°22	F 11
S 12	5 21 54	19♂25'58	27°56	6°59	25° 2	7°30	28°27	13°32	17° 4	10°31	15°18	4° 4	2°57	5°40	18°23	S 12
S 13	5 25 51	20♂26'47	10♂13	8°25	26°15	8°13	28°39	13°38	17° 4	10°32	15°17	3°59	2°53	5°47	18°24	S 13
M14	5 29 47	21♂27'38	22°21	9°49	27°28	8°56	28°52	13°45	17° 3	10°33	15°17	3°51	2°50	5°53	18°24	M14
T 15	5 33 44	22♂28'30	4♂24	11°12	28°41	9°39	29° 4	13°51	17° 2	10°34	15°16	3°40	2°47	6° 0	18°25	T 15
W16	5 37 41	23♂29'23	16°21	12°34	29°54	10°22	29°17	13°57	17° 2	10°35	15°15	3°26	2°44	6° 7	18°26	W16
T 17	5 41 37	24♂30'17	28°15	13°55	1♂ 7	11° 5	29°30	14° 3	17° 1	10°36	15°14	3°11	2°41	6°14	18°27	T 17
F 18	5 45 34	25♂31'12	10♂ 8	15°13	2°20	11°48	29°43	14° 9	17° 1	10°37	15°13	2°56	2°37	6°20	18°28	F 18
S 19	5 49 30	26♂32'08	21°59	16°30	3°33	12°31	29°55	14°15	17° 0	10°37	15°12	2°42	2°34	6°27	18°30	S 19
S 20	5 53 27	27♂33'04	3♂51	17°44	4°46	13°14	0♂ 8	14°21	17° 0	10°38	15°12	2°30	2°31	6°34	18°31	S 20
M21	5 57 23	28♂34'02	15°47	18°56	5°59	13°57	0°21	14°27	17° 0	10°39	15°11	2°21	2°28	6°40	18°32	M21
T 22	6 1 20	29♂35'00	27°49	20° 4	7°12	14°41	0°34	14°33	16°59	10°40	15°10	2°15	2°25	6°47	18°33	T 22
W23	6 5 17	0♂35'59	10♂ 1	21° 8	8°24	15°24	0°47	14°39	16°59	10°40	15° 9	2°12	2°22	6°54	18°35	W23
T 24	6 9 13	1°36'58	22°27	22° 9	9°37	16° 7	1° 0	14°45	16°59	10°41	15° 8	2°11	2°18	7° 1	18°36	T 24
F 25	6 13 10	2°37'58	5♂13	23° 4	10°50	16°50	1°14	14°51	16°59	10°42	15° 8	2°11	2°15	7° 7	18°38	F 25
S 26	6 17 6	3°38'58	18°22	23°54	12° 2	17°34	1°27	14°56	16°59	10°42	15° 7	2°10	2°12	7°14	18°39	S 26
S 27	6 21 3	4°39'59	2♂ 0	24°37	13°15	18°17	1°40	15° 2	16°D59	10°43	15° 6	2° 8	2° 9	7°21	18°41	S 27
M28	6 24 59	5°41'00	16° 7	25°13	14°27	19° 0	1°53	15° 7	16°59	10°43	15° 6	2° 4	2° 6	7°28	18°42	M28
T 29	6 28 56	6°42'01	0♂43	25°41	15°40	19°44	2° 7	15°13	16°59	10°44	15° 5	1°57	2° 3	7°34	18°44	T 29
W30	6 32 52	7°43'03	15°45	26° 0	16°52	20°27	2°20	15°18	16°59	10°44	15° 4	1°47	1°59	7°41	18°46	W30
T 31	6 36 49	8♂44'06	1♂ 3	26°R 9	18♂ 5	21♂10	2♂34	15♂23	16♂59	10♂45	15♂ 4	1°Y36	1°Y56	7♂48	18♂48	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	21s37	22n 1	3n45	24s55	1s53	24s36	1s45	12s54	1s27	21s11	0s21	13s22	2n13	6n 8	0s41	T 1
W 2	21 47	25 59	4 30	25 5	1 57	24 31	1 46	12 38	1 25	21 8	0 21	13 24	2 13	6 7	0 41	W 2
T 3	21 56	28 7	4 56	25 14	2 1	24 25	1 48	12 21	1 24	21 6	0 21	13 26	2 13	6 7	0 41	T 3
F 4	22 4	28 7	5 2	25 21	2 5	24 18	1 49	12 4	1 22	21 4	0 21	13 28	2 14	6 6	0 41	F 4
S 5	22 12	26 3	4 46	25 27	2 8	24 11	1 51	11 48	1 21	21 2	0 21	13 30	2 14	6 6	0 41	S 5
S 6	22 20	22 15	4 12	25 32	2 11	24 3	1 52	11 31	1 19	21 0	0 21	13 32	2 14	6 6	0 41	S 6
M 7	22 27	17 12	3 22	25 36	2 14	23 54	1 53	11 14	1 17	20 57	0 21	13 34	2 14	6 5	0 41	M 7
T 8	22 34	11 24	2 22	25 38	2 17	23 45	1 55	10 57	1 16	20 55	0 21	13 35	2 14	6 5	0 41	T 8
W 9	22 40	5 15	1 16	25 39	2 19	23 35	1 56	10 40	1 14	20 53	0 21	13 37	2 14	6 5	0 40	W 9
T 10	22 46	0s58	0 7	25 38	2 20	23 24	1 57	10 23	1 13	20 50	0 21	13 39	2 14	6 4	0 40	T 10
F 11	22 52	6 59	1s 0	25 37	2 22	23 12	1 58	10 6	1 11	20 48	0 21	13 41	2 14	6 4	0 40	F 11
S 12	22 57	12 37	2 2	25 33	2 23	23 0	1 59	9 48	1 10	20 45	0 22	13 43	2 14	6 4	0 40	S 12
S 13	23 1	17 39	2 58	25 29	2 23	22 47	1 59	9 31	1 8	20 43	0 22	13 45	2 14	6 4	0 40	S 13
M14	23 5	21 56	3 45	25 23	2 23	22 34	2 0	9 14	1 7	20 40	0 22	13 46	2 15	6 3	0 40	M14
T 15	23 9	25 14	4 22	25 15	2 22	22 20	2 1	8 56	1 5	20 38	0 22	13 48	2 15	6 3	0 40	T 15
W16	23 12	27 25	4 46	25 7	2 21	22 5	2 1	8 38	1 4	20 35	0 22	13 50	2 15	6 3	0 40	W16
T 17	23 15	28 19	4 58	24 57	2 19	21 49	2 2	8 21	1 2	20 33	0 22	13 51	2 15	6 3	0 40	T 17
F 18	23 17	27 55	4 57	24 46	2 17	21 33	2 2	8 3	1 1	20 30	0 22	13 53	2 15	6 3	0 40	F 18
S 19	23 19	26 14	4 43	24 33	2 14	21 17	2 2	7 45	0 59	20 28	0 22	13 55	2 15	6 2	0 40	S 19
S 20	23 20	23 23	4 16	24 20	2 10	21 0	2 2	7 27	0 58	20 25	0 22	13 56	2 15	6 2	0 40	S 20
M21	23 21	19 32	3 39	24 5	2 5	20 42	2 3	7 10	0 56	20 22	0 22	13 58	2 16	6 2	0 40	M21
T 22	23 22	14 52	2 51	23 50	1 59	20 23	2 3	6 52	0 55	20 19	0 22	14 0	2 16	6 2	0 40	T 22
W23	23 22	9 33	1 54	23 33	1 52	20 5	2 2	6 34	0 53	20 17	0 22	14 1	2 16	6 2	0 40	W23
T 24	23 21	3 46	0 51	23 16	1 45	19 45	2 2	6 16	0 52	20 14	0 22	14 3	2 16	6 2	0 40	T 24
F 25	23 20	2n19	0n16	22 59	1 36	19 25	2 2	5 58	0 51	20 11	0 22	14 4	2 16	6 2	0 40	F 25
S 26	23 19	8 29	1 24	22 40	1 26	19 5	2 2	5 39	0 49	20 8	0 22	14 6	2 16	6 2	0 40	S 26
S 27	23 17	14 29	2 30	22 22	1 15	18 43	2 1	5 21	0 48	20 5	0 22	14 7	2 16	6 2	0 40	S 27
M28	23 15	19 57	3 30	22 4	1 3	18 22	2 1	5 3	0 47	20 2	0 22	14 9	2 17	6 2	0 40	M28
T 29	23 12	24 26	4 17	21 45	0 50	18 0	2 0	4 45	0 45	20 0	0 23	14 10	2 17	6 2	0 40	T 29
W30	23 8	27 23	4 48	21 27	0 35	17 37	1 59	4 27	0 44	19 57	0 23	14 11	2 17	6 2	0 40	W30
T 31	23s 5	28n22	5n 0	21s10	0s19	17s15	1s58	4s 8	0s42	19s54	0s23	14s13	2n17	6n 3	0s40	T 31

Julian Day Number = 2671389.5, Delta T = 20m19s

Ecliptic obliquity = 23°21'49", Nutation = - 0°00'02

Ayanamsha: Fagan/Bradley = 33°09'33", Lahiri = 32°16'33

# ASTRODIENST EPHEMERIS for the year 2602

JANUARY 2602

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	6 40 46	9°35'09"	16°26'	26°R 7	19°17'	21°54'	2°47'	15°29'	16°59'	10°45'	15°R 3	1°R24	1°Y53	7°54'	18°50'	F 1
S 2	6 44 42	10°46'12"	1°43'	25°35'	20°29'	22°37'	3° 1'	15°34'	17° 0'	10°46'	15°R 3	1°Y14	1°50'	8° 1'	18°51'	S 2
S 3	6 48 39	11°47'16"	16°42'	25°29'	21°41'	23°21'	3°14'	15°39'	17° 0'	10°46'	15° 2'	1° 6'	1°47'	8° 8'	18°53'	S 3
M 4	6 52 35	12°48'21"	1°16'	24°53'	22°53'	24° 4'	3°28'	15°44'	17° 1'	10°46'	15° 2'	1° 0'	1°43'	8°15'	18°55'	M 4
T 5	6 56 32	13°49'26"	15°21'	24° 5'	24° 5'	24°47'	3°42'	15°49'	17° 1'	10°47'	15° 1'	0°57'	1°40'	8°21'	18°57'	T 5
W 6	7 0 28	14°50'32"	28°56'	23° 6'	25°17'	25°31'	3°55'	15°54'	17° 2'	10°47'	15° 1'	0°D56	1°37'	8°28'	19° 0'	W 6
T 7	7 4 25	15°51'38"	12° 4'	21°59'	26°28'	26°14'	4° 9'	15°59'	17° 2'	10°47'	15° 0'	0°R57	1°34'	8°35'	19° 2'	T 7
F 8	7 8 21	16°52'45"	24°48'	20°44'	27°40'	26°58'	4°23'	16° 4'	17° 3'	10°47'	15° 0'	0°56'	1°31'	8°42'	19° 4'	F 8
S 9	7 12 18	17°53'53"	7°11'	19°24'	28°52'	27°41'	4°37'	16° 8'	17° 3'	10°47'	14°59'	0°55'	1°28'	8°48'	19° 6'	S 9
S 10	7 16 15	18°55'01"	19°25'	18° 2'	0°K 3	28°24'	4°50'	16°13'	17° 4'	10°47'	14°59'	0°51'	1°24'	8°55'	19° 9'	S 10
M11	7 20 11	19°56'09"	1°27'	16°41'	1°15'	29° 8'	5° 4'	16°17'	17° 5'	10°47'	14°58'	0°44'	1°21'	9° 2'	19°11'	M11
T 12	7 24 8	20°57'18"	13°23'	15°23'	2°26'	29°51'	5°18'	16°22'	17° 6'	10°R48	14°58'	0°34'	1°18'	9° 8'	19°13'	T 12
W13	7 28 4	21°58'27"	25°15'	14°10'	3°37'	0°Y35	5°32'	16°26'	17° 7'	10°48'	14°58'	0°22'	1°15'	9°15'	19°16'	W13
T 14	7 32 1	22°59'36"	7°3'	13° 5'	4°48'	1°18'	5°46'	16°30'	17° 7'	10°47'	14°57'	0° 8'	1°12'	9°22'	19°18'	T 14
F 15	7 35 57	24° 0'45"	18°59'	12° 8'	6° 0'	2° 2'	6° 0'	16°35'	17° 8'	10°47'	14°57'	29°K55	1° 9'	9°29'	19°21'	F 15
S 16	7 39 54	25° 1'55"	0°54'	11°21'	7°10'	2°45'	6°14'	16°39'	17° 9'	10°47'	14°57'	29°42'	1° 5'	9°35'	19°23'	S 16
S 17	7 43 51	26° 3'04"	12°52'	10°44'	8°21'	3°28'	6°28'	16°43'	17°10'	10°47'	14°56'	29°31'	1° 2'	9°42'	19°26'	S 17
M18	7 47 47	27° 4'13"	24°54'	10°17'	9°32'	4°12'	6°42'	16°47'	17°12'	10°47'	14°56'	29°23'	0°59'	9°49'	19°29'	M18
T 19	7 51 44	28° 5'21"	7°K 4	10° 0'	10°43'	4°55'	6°56'	16°51'	17°13'	10°47'	14°56'	29°18'	0°56'	9°55'	19°31'	T 19
W20	7 55 40	29° 6'29"	19°22'	9°D53	11°53'	5°39'	7°10'	16°54'	17°14'	10°47'	14°56'	29°15'	0°53'	10° 2'	19°34'	W20
T 21	7 59 37	0°57'37"	1°Y53	9°54'	13° 4'	6°22'	7°24'	16°58'	17°15'	10°46'	14°55'	29°D15	0°49'	10° 9'	19°37'	T 21
F 22	8 3 33	1° 8'45"	14°39'	10° 4'	14°14'	7° 6'	7°38'	17° 2'	17°17'	10°46'	14°55'	29°15'	0°46'	10°16'	19°40'	F 22
S 23	8 7 30	2° 9'51"	27°45'	10°21'	15°24'	7°49'	7°52'	17° 5'	17°18'	10°46'	14°55'	29°R16	0°43'	10°22'	19°43'	S 23
S 24	8 11 26	3°10'57"	11°K14	10°45'	16°34'	8°32'	8° 6'	17° 8'	17°19'	10°45'	14°55'	29°16'	0°40'	10°29'	19°45'	S 24
M25	8 15 23	4°12'03"	25° 8'	11°16'	17°44'	9°16'	8°21'	17°12'	17°21'	10°45'	14°55'	29°14'	0°37'	10°36'	19°48'	M25
T 26	8 19 20	5°13'08"	9°K28	11°52'	18°53'	9°59'	8°35'	17°15'	17°22'	10°44'	14°55'	29°10'	0°34'	10°43'	19°51'	T 26
W27	8 23 16	6°14'12"	24°12'	12°34'	20° 3'	10°42'	8°49'	17°18'	17°24'	10°44'	14°55'	29° 3'	0°30'	10°49'	19°54'	W27
T 28	8 27 13	7°15'16"	9°K14	13°20'	21°12'	11°26'	9° 3'	17°21'	17°25'	10°43'	14°55'	28°55'	0°27'	10°56'	19°57'	T 28
F 29	8 31 9	8°16'19"	24°25'	14°11'	22°22'	12° 9'	9°17'	17°24'	17°27'	10°43'	14°D55	28°47'	0°24'	11° 3'	20° 1'	F 29
S 30	8 35 6	9°17'21"	9°K36	15° 5'	23°31'	12°52'	9°31'	17°27'	17°29'	10°42'	14°55'	28°40'	0°21'	11° 9'	20° 4'	S 30
S 31	8 39 2	10°18'22"	24°K36	16°3'	24°K39	13°Y36	9°45'	17°K30	17°Y31	10°42'	14°K55	28°K34	0°Y18	11°K16	20°K 7	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	23s 0	27n 9	4n50	20s54	0s 2	16s51	1s57	3s50	0s41	19s51	0s23	14s14	2n17	6n 3	0s40	3s 2
S 2	22 56	23 55	4 19	20 38	0n16	16 27	1 56	3 32	0 40	19 48	0 23	14 15	2 17	6 3	0 40	3 2
S 3	22 51	19 8	3 31	20 25	0 35	16 3	1 55	3 14	0 39	19 45	0 23	14 17	2 18	6 3	0 40	3 2
M 4	22 45	13 20	3 20	20 12	0 54	15 38	1 54	2 55	0 37	19 41	0 23	14 18	2 18	6 3	0 40	3 2
T 5	22 39	7 1	1 22	20 1	1 14	15 13	1 53	2 37	0 36	19 38	0 23	14 19	2 18	6 3	0 39	3 2
W 6	22 32	0 35	0 11	19 52	1 33	14 48	1 51	2 19	0 35	19 35	0 23	14 20	2 18	6 4	0 39	3 2
T 7	22 25	5s39	0s59	19 44	1 52	14 22	1 50	2 0	0 33	19 32	0 23	14 22	2 18	6 4	0 39	3 2
F 8	22 18	11 29	2 3	19 38	2 10	13 56	1 48	1 42	0 32	19 29	0 23	14 23	2 18	6 4	0 39	3 2
S 9	22 10	16 43	3 0	19 33	2 26	13 29	1 46	1 23	0 31	19 26	0 23	14 24	2 19	6 4	0 39	3 2
S 10	22 2	21 10	3 47	19 30	2 40	13 3	1 44	1 5	0 30	19 22	0 23	14 25	2 19	6 5	0 39	3 2
M11	21 53	24 41	4 23	19 28	2 52	12 35	1 42	0 47	0 28	19 19	0 23	14 26	2 19	6 5	0 39	3 2
T 12	21 44	27 6	4 48	19 28	3 2	12 8	1 40	0 28	0 27	19 16	0 24	14 27	2 19	6 5	0 39	3 2
W13	21 35	28 17	5 0	19 29	3 9	11 40	1 38	0 10	0 26	19 13	0 24	14 28	2 19	6 6	0 39	3 2
T 14	21 25	28 9	4 59	19 31	3 14	11 12	1 36	0n 8	0 25	19 9	0 24	14 29	2 20	6 6	0 39	3 2
F 15	21 14	26 44	4 45	19 34	3 16	10 44	1 33	0 27	0 24	19 6	0 24	14 30	2 20	6 7	0 39	3 2
S 16	21 3	24 6	4 19	19 38	3 16	10 15	1 31	0 45	0 22	19 2	0 24	14 31	2 20	6 7	0 39	3 2
S 17	20 52	20 25	3 40	19 43	3 14	9 47	1 28	1 3	0 21	18 59	0 24	14 32	2 20	6 7	0 39	3 2
M18	20 41	15 53	2 52	19 48	3 10	9 18	1 26	1 21	0 20	18 56	0 24	14 33	2 20	6 8	0 39	3 2
T 19	20 29	10 41	1 55	19 55	3 5	8 48	1 23	1 40	0 19	18 52	0 24	14 34	2 21	6 8	0 39	3 1
W20	20 16	5 0	0 53	20 2	2 59	8 19	1 20	1 58	0 18	18 49	0 24	14 35	2 21	6 9	0 39	3 1
T 21	20 4	0n58	0n14	20 9	2 51	7 49	1 17	2 16	0 17	18 45	0 24	14 36	2 21	6 9	0 39	3 1
F 22	19 50	7 1	1 22	20 16	2 43	7 19	1 14	2 34	0 15	18 42	0 24	14 36	2 21	6 10	0 39	3 1
S 23	19 37	12 55	2 26	20 24	2 35	6 49	1 11	2 52	0 14	18 38	0 24	14 37	2 21	6 10	0 39	3 1
S 24	19 23	18 24	3 25	20 31	2 25	6 19	1 7	3 10	0 13	18 35	0 24	14 38	2 22	6 11	0 39	3 0
M25	19 9	23 5	4 14	20 38	2 16	5 49	1 4	3 28	0 12	18 31	0 25	14 39	2 22	6 12	0 39	3 0
T 26	18 54	26 33	4 48	20 45	2 6	5 19	1 0	3 46	0 11	18 27	0 25	14 39	2 22	6 12	0 39	3 0
W27	18 39	28 19	5 5	20 51	1 56	4 48	0 57	4 4	0 10	18 24	0 25	14 40	2 22	6 13	0 39	3 0
T 28	18 24	28 3	5 1	20 56	1 46	4 18	0 53	4 22	0 9	18 20	0 25	14 41	2 23	6 13	0 39	3 0
F 29	18 8	25 42	4 36	21 1	1 36	3 47	0 49	4 40	0 8	18 17	0 25	14 41	2 23	6 14	0 39	2 59
S 30	17 52	21 31	3 52	21 6	1 26	3 16	0 46	4 58	0 7	18 13	0 25	14 42	2 23	6 15	0 39	2 59
S 31	17s36	15n59	2n52	21s 9	1n16	2s45	0s42	5n16	0s 6	18s 9	0s25	14s42	2n23	6n16	0s39	2s59

Julian Day Number = 2671420.5, Delta T = 20m20s  
 Ecliptic obliquity = 23°21'48", Nutation = 0°00'00"  
 Ayanamsha: Fagan/Bradley = 33°09'37", Lahiri = 32°16'37"

## ASTRODIENST EPHEMERIS for the year 2602

FEBRUARY 2602

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	8 42 59	11 <sup>19</sup> 23	9 <sup>16</sup> 16	17 <sup>3</sup> 3	25 <sup>48</sup> 48	14 <sup>19</sup> 19	9 <sup>59</sup> 59	17 <sup>32</sup> 32	17 <sup>32</sup> 32	10 <sup>41</sup> 41	14 <sup>55</sup> 55	28 <sup>30</sup> 30	0 <sup>15</sup> 15	11 <sup>23</sup> 23	20 <sup>10</sup> 10	M 1
T 2	8 46 55	12 <sup>20</sup> 24	23 <sup>29</sup> 29	18 <sup>6</sup> 6	26 <sup>57</sup> 57	15 <sup>2</sup> 2	10 <sup>14</sup> 14	17 <sup>35</sup> 35	17 <sup>34</sup> 34	10 <sup>40</sup> 40	14 <sup>55</sup> 55	28 <sup>D28</sup> D28	0 <sup>11</sup> 11	11 <sup>30</sup> 30	20 <sup>13</sup> 13	T 2
W 3	8 50 52	13 <sup>21</sup> 24	7 <sup>15</sup> 15	19 <sup>12</sup> 12	28 <sup>5</sup> 5	15 <sup>45</sup> 45	10 <sup>28</sup> 28	17 <sup>37</sup> 37	17 <sup>36</sup> 36	10 <sup>40</sup> 40	14 <sup>55</sup> 55	28 <sup>30</sup> 30	0 <sup>8</sup> 8	11 <sup>36</sup> 36	20 <sup>16</sup> 16	W 3
T 4	8 54 49	14 <sup>22</sup> 23	20 <sup>32</sup> 32	20 <sup>20</sup> 20	29 <sup>13</sup> 13	16 <sup>29</sup> 29	10 <sup>42</sup> 42	17 <sup>40</sup> 40	17 <sup>38</sup> 38	10 <sup>39</sup> 39	14 <sup>55</sup> 55	28 <sup>30</sup> 30	0 <sup>5</sup> 5	11 <sup>43</sup> 43	20 <sup>20</sup> 20	T 4
F 5	8 58 45	15 <sup>23</sup> 22	3 <sup>24</sup> 24	21 <sup>30</sup> 30	0 <sup>21</sup> 21	17 <sup>12</sup> 12	10 <sup>56</sup> 56	17 <sup>42</sup> 42	17 <sup>40</sup> 40	10 <sup>38</sup> 38	14 <sup>55</sup> 55	28 <sup>31</sup> 31	0 <sup>2</sup> 2	11 <sup>50</sup> 50	20 <sup>23</sup> 23	F 5
S 6	9 2 42	16 <sup>24</sup> 21	15 <sup>34</sup> 34	22 <sup>42</sup> 42	1 <sup>29</sup> 29	17 <sup>55</sup> 55	11 <sup>10</sup> 10	17 <sup>44</sup> 44	17 <sup>42</sup> 42	10 <sup>37</sup> 37	14 <sup>55</sup> 55	28 <sup>R32</sup> R32	29 <sup>59</sup> 59	11 <sup>56</sup> 56	20 <sup>26</sup> 26	S 6
S 7	9 6 38	17 <sup>25</sup> 19	28 <sup>8</sup> 8	23 <sup>56</sup> 56	2 <sup>37</sup> 37	18 <sup>38</sup> 38	11 <sup>24</sup> 24	17 <sup>46</sup> 46	17 <sup>44</sup> 44	10 <sup>37</sup> 37	14 <sup>56</sup> 56	28 <sup>31</sup> 31	29 <sup>55</sup> 55	12 <sup>3</sup> 3	20 <sup>30</sup> 30	S 7
M 8	9 10 35	18 <sup>26</sup> 16	10 <sup>9</sup> 9	25 <sup>12</sup> 12	3 <sup>44</sup> 44	19 <sup>21</sup> 21	11 <sup>38</sup> 38	17 <sup>48</sup> 48	17 <sup>46</sup> 46	10 <sup>36</sup> 36	14 <sup>56</sup> 56	28 <sup>28</sup> 28	29 <sup>52</sup> 52	12 <sup>10</sup> 10	20 <sup>33</sup> 33	M 8
T 9	9 14 31	19 <sup>27</sup> 13	22 <sup>3</sup> 3	26 <sup>29</sup> 29	4 <sup>51</sup> 51	20 <sup>4</sup> 4	11 <sup>53</sup> 53	17 <sup>50</sup> 50	17 <sup>48</sup> 48	10 <sup>35</sup> 35	14 <sup>56</sup> 56	28 <sup>24</sup> 24	29 <sup>49</sup> 49	12 <sup>17</sup> 17	20 <sup>37</sup> 37	T 9
W10	9 18 28	20 <sup>28</sup> 09	3 <sup>54</sup> 54	27 <sup>47</sup> 47	5 <sup>58</sup> 58	20 <sup>47</sup> 47	12 <sup>7</sup> 7	17 <sup>52</sup> 52	17 <sup>50</sup> 50	10 <sup>34</sup> 34	14 <sup>56</sup> 56	28 <sup>18</sup> 18	29 <sup>46</sup> 46	12 <sup>23</sup> 23	20 <sup>40</sup> 40	W10
T 11	9 22 24	21 <sup>29</sup> 04	15 <sup>46</sup> 46	29 <sup>7</sup> 7	7 <sup>5</sup> 5	21 <sup>30</sup> 30	12 <sup>21</sup> 21	17 <sup>53</sup> 53	17 <sup>52</sup> 52	10 <sup>33</sup> 33	14 <sup>57</sup> 57	28 <sup>11</sup> 11	29 <sup>43</sup> 43	12 <sup>30</sup> 30	20 <sup>44</sup> 44	T 11
F 12	9 26 21	22 <sup>29</sup> 59	27 <sup>40</sup> 40	0 <sup>28</sup> 28	8 <sup>11</sup> 11	22 <sup>13</sup> 13	12 <sup>35</sup> 35	17 <sup>55</sup> 55	17 <sup>55</sup> 55	10 <sup>32</sup> 32	14 <sup>57</sup> 57	28 <sup>4</sup> 4	29 <sup>40</sup> 40	12 <sup>37</sup> 37	20 <sup>47</sup> 47	F 12
S 13	9 30 18	23 <sup>30</sup> 52	9 <sup>39</sup> 39	1 <sup>50</sup> 50	9 <sup>17</sup> 17	22 <sup>56</sup> 56	12 <sup>49</sup> 49	17 <sup>56</sup> 56	17 <sup>57</sup> 57	10 <sup>31</sup> 31	14 <sup>57</sup> 57	27 <sup>57</sup> 57	29 <sup>36</sup> 36	12 <sup>44</sup> 44	20 <sup>51</sup> 51	S 13
S 14	9 34 14	24 <sup>31</sup> 45	21 <sup>45</sup> 45	3 <sup>13</sup> 13	10 <sup>23</sup> 23	23 <sup>39</sup> 39	13 <sup>3</sup> 3	17 <sup>58</sup> 58	17 <sup>59</sup> 59	10 <sup>30</sup> 30	14 <sup>58</sup> 58	27 <sup>52</sup> 52	29 <sup>33</sup> 33	12 <sup>50</sup> 50	20 <sup>54</sup> 54	S 14
M15	9 38 11	25 <sup>32</sup> 36	4 <sup>3</sup> 3	4 <sup>37</sup> 37	11 <sup>29</sup> 29	24 <sup>22</sup> 22	13 <sup>17</sup> 17	17 <sup>59</sup> 59	18 <sup>2</sup> 2	10 <sup>29</sup> 29	14 <sup>58</sup> 58	27 <sup>48</sup> 48	29 <sup>30</sup> 30	12 <sup>57</sup> 57	20 <sup>58</sup> 58	M15
T 16	9 42 7	26 <sup>33</sup> 27	16 <sup>23</sup> 23	6 <sup>3</sup> 3	12 <sup>35</sup> 35	25 <sup>5</sup> 5	13 <sup>31</sup> 31	18 <sup>0</sup> 0	18 <sup>4</sup> 4	10 <sup>28</sup> 28	14 <sup>58</sup> 58	27 <sup>45</sup> 45	29 <sup>27</sup> 27	13 <sup>4</sup> 4	21 <sup>1</sup> 1	T 16
W17	9 46 4	27 <sup>34</sup> 15	28 <sup>57</sup> 57	7 <sup>29</sup> 29	13 <sup>40</sup> 40	25 <sup>48</sup> 48	13 <sup>45</sup> 45	18 <sup>1</sup> 1	18 <sup>6</sup> 6	10 <sup>27</sup> 27	14 <sup>59</sup> 59	27 <sup>D45</sup> D45	29 <sup>24</sup> 24	13 <sup>10</sup> 10	21 <sup>5</sup> 5	W17
T 18	9 50 0	28 <sup>35</sup> 03	11 <sup>47</sup> 47	8 <sup>56</sup> 56	14 <sup>45</sup> 45	26 <sup>31</sup> 31	13 <sup>59</sup> 59	18 <sup>2</sup> 2	18 <sup>9</sup> 9	10 <sup>26</sup> 26	14 <sup>59</sup> 59	27 <sup>46</sup> 46	29 <sup>21</sup> 21	13 <sup>17</sup> 17	21 <sup>8</sup> 8	T 18
F 19	9 53 57	29 <sup>35</sup> 49	24 <sup>42</sup> 42	10 <sup>24</sup> 24	15 <sup>50</sup> 50	27 <sup>14</sup> 14	14 <sup>13</sup> 13	18 <sup>3</sup> 3	18 <sup>11</sup> 11	10 <sup>25</sup> 25	15 <sup>0</sup> 0	27 <sup>47</sup> 47	29 <sup>17</sup> 17	13 <sup>24</sup> 24	21 <sup>12</sup> 12	F 19
S 20	9 57 53	0 <sup>36</sup> 34	7 <sup>56</sup> 56	11 <sup>53</sup> 53	16 <sup>54</sup> 54	27 <sup>57</sup> 57	14 <sup>27</sup> 27	18 <sup>4</sup> 4	18 <sup>14</sup> 14	10 <sup>23</sup> 23	15 <sup>0</sup> 0	27 <sup>49</sup> 49	29 <sup>14</sup> 14	13 <sup>31</sup> 31	21 <sup>16</sup> 16	S 20
S 21	10 1 50	1 <sup>37</sup> 17	21 <sup>27</sup> 27	13 <sup>23</sup> 23	17 <sup>58</sup> 58	28 <sup>40</sup> 40	14 <sup>40</sup> 40	18 <sup>4</sup> 4	18 <sup>16</sup> 16	10 <sup>22</sup> 22	15 <sup>1</sup> 1	27 <sup>50</sup> 50	29 <sup>11</sup> 11	13 <sup>37</sup> 37	21 <sup>19</sup> 19	S 21
M22	10 5 47	2 <sup>37</sup> 59	5 <sup>16</sup> 16	14 <sup>54</sup> 54	19 <sup>2</sup> 2	29 <sup>23</sup> 23	14 <sup>54</sup> 54	18 <sup>5</sup> 5	18 <sup>19</sup> 19	10 <sup>21</sup> 21	15 <sup>1</sup> 1	27 <sup>R50</sup> R50	29 <sup>8</sup> 8	13 <sup>44</sup> 44	21 <sup>23</sup> 23	M22
T 23	10 9 43	3 <sup>38</sup> 39	19 <sup>22</sup> 22	16 <sup>25</sup> 25	20 <sup>5</sup> 5	0 <sup>8</sup> 8	15 <sup>8</sup> 8	18 <sup>5</sup> 5	18 <sup>22</sup> 22	10 <sup>20</sup> 20	15 <sup>2</sup> 2	27 <sup>50</sup> 50	29 <sup>5</sup> 5	13 <sup>51</sup> 51	21 <sup>27</sup> 27	T 23
W24	10 13 40	4 <sup>39</sup> 18	3 <sup>46</sup> 46	17 <sup>58</sup> 58	21 <sup>8</sup> 8	0 <sup>48</sup> 48	15 <sup>22</sup> 22	18 <sup>5</sup> 5	18 <sup>24</sup> 24	10 <sup>18</sup> 18	15 <sup>2</sup> 2	27 <sup>48</sup> 48	29 <sup>1</sup> 1	13 <sup>57</sup> 57	21 <sup>31</sup> 31	W24
T 25	10 17 36	5 <sup>39</sup> 54	18 <sup>23</sup> 23	19 <sup>31</sup> 31	22 <sup>11</sup> 11	1 <sup>31</sup> 31	15 <sup>36</sup> 36	18 <sup>5</sup> 5	18 <sup>27</sup> 27	10 <sup>17</sup> 17	15 <sup>3</sup> 3	27 <sup>45</sup> 45	28 <sup>58</sup> 58	14 <sup>4</sup> 4	21 <sup>34</sup> 34	T 25
F 26	10 21 33	6 <sup>40</sup> 30	3 <sup>4</sup> 4	21 <sup>6</sup> 6	23 <sup>13</sup> 13	2 <sup>13</sup> 13	15 <sup>49</sup> 49	18 <sup>R6</sup> R6	18 <sup>30</sup> 30	10 <sup>16</sup> 16	15 <sup>3</sup> 3	27 <sup>42</sup> 42	28 <sup>55</sup> 55	14 <sup>11</sup> 11	21 <sup>38</sup> 38	F 26
S 27	10 25 29	7 <sup>41</sup> 03	17 <sup>56</sup> 56	22 <sup>41</sup> 41	24 <sup>15</sup> 15	2 <sup>56</sup> 56	16 <sup>3</sup> 3	18 <sup>6</sup> 6	18 <sup>33</sup> 33	10 <sup>15</sup> 15	15 <sup>4</sup> 4	27 <sup>39</sup> 39	28 <sup>52</sup> 52	14 <sup>18</sup> 18	21 <sup>42</sup> 42	S 27
S 28	10 29 26	8 <sup>41</sup> 35	2 <sup>37</sup> 37	24 <sup>17</sup> 17	25 <sup>17</sup> 17	3 <sup>39</sup> 39	16 <sup>17</sup> 17	18 <sup>5</sup> 5	18 <sup>35</sup> 35	10 <sup>13</sup> 13	15 <sup>8</sup> 8	27 <sup>37</sup> 37	28 <sup>49</sup> 49	14 <sup>24</sup> 24	21 <sup>46</sup> 46	S 28

Day	☉	☾	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	17s20	9n39	1n42	21s12	1n 6	2s14	0s38	5n33	0s 5	18s 5	0s25	14s43	2n23	6n16	0s38	2s58	1n21	0n34	16s22
T 2	17 3	2 59	0 27	21 13	0 56	1 43	0 33	5 51	0 4	18 2	0 25	14 43	2 24	6 17	0 38	2 58	1 21	0 34	16 22
W 3	16 46	3s35	0s47	21 14	0 46	1 12	0 29	6 8	0 3	17 58	0 25	14 44	2 24	6 18	0 38	2 58	1 21	0 35	16 21
T 4	16 28	9 48	1 56	21 14	0 37	0 41	0 25	6 26	0 2	17 54	0 25	14 44	2 24	6 18	0 38	2 58	1 21	0 35	16 21
F 5	16 10	15 23	2 58	21 12	0 27	0 10	0 20	6 43	0 1	17 51	0 26	14 45	2 24	6 19	0 38	2 57	1 21	0 36	16 21
S 6	15 52	20 11	3 48	21 10	0 18	0n21	0 16	7 1	0n 0	17 47	0 26	14 45	2 25	6 20	0 38	2 57	1 21	0 36	16 20
S 7	15 34	24 1	4 27	21 6	0 9	0 52	0 11	7 18	0 1	17 43	0 26	14 45	2 25	6 21	0 38	2 56	1 21	0 36	16 20
M 8	15 15	26 45	4 54	21 1	0 0	1 23	0 7	7 35	0 2	17 39	0 26	14 46	2 25	6 22	0 38	2 56	1 21	0 37	16 20
T 9	14 56	28 15	5 8	20 56	0s 8	1 54	0 2	7 52	0 3	17 35	0 26	14 46	2 25	6 22	0 38	2 56	1 21	0 37	16 19
W10	14 37	28 26	5 8	20 49	0 17	2 25	0n 3	8 9	0 4	17 32	0 26	14 46	2 26	6 23	0 38	2 55	1 21	0 38	16 19
T 11	14 18	27 20	4 55	20 40	0 25	2 55	0 8	8 26	0 5	17 28	0 26	14 46	2 26	6 24	0 38	2 55	1 21	0 38	16 19
F 12	13 58	24 58	4 30	20 31	0 32	3 26	0 13	8 43	0 6	17 24	0 26	14 47	2 26	6 25	0 38	2 55	1 21	0 38	16 18
S 13	13 38	21 30	3 52	20 20	0 40	3 57	0 18	9 0	0 7	17 20	0 26	14 47	2 26	6 26	0 38	2 54	1 21	0 39	16 18
S 14	13 18	17 6	3 4	20 9	0 47	4 27	0 23	9 17	0 8	17 16	0 26	14 47	2 26	6 27	0 38	2 54	1 21	0 39	16 18
M15	12 58	11 58	2 6	19 56	0 54	4 58	0 28	9 33	0 9	17 12	0 26	14 47	2 27	6 28	0 38	2 53	1 21	0 40	16 17
T 16	12 37	6 18	1 2	19 41	1 1	5 28	0 34	9 50	0 10	17 8	0 27	14 47	2 27	6 29	0 38	2 53	1 22	0 40	16 17
W17	12 17	0 19	0n 7	19 26	1 8	5 59	0 39	10 6	0 10	17 4	0 27	14 47	2 27	6 30	0 38	2 52	1 22	0 41	16 17
T 18	11 56	5n47	1 16	19 9	1 14	6 29	0 45	10 23	0 11	17 0	0 27	14 47	2 27	6 31	0 38	2 52	1 22	0 41	16 16
F 19	11 35	11 45	2 22	18 51	1 20	6 59	0 50	10 39	0 12	16 57	0 27	14 47	2 28	6 32	0 38	2 51	1 22	0 41	16 16
S 20	11 13	17 18	3 23	18 32	1 25	7 29	0 56	10 55	0 13	16 53	0 27	14 47	2 28	6 33	0 38	2 51	1 22	0 42	16 15
S 21	10 52	22 8	4 13	18 12	1 31	7 58	1 1	11 11	0 14	16 49	0 27	14 47	2 28	6 34	0 38	2 50	1 22	0 42	16 15
M22	10 30	25 52	4 50	17 50	1 36	8 28	1 7	11 27	0 15	16 45	0 27	14 47	2 28	6 35	0 38	2 50	1 22	0 43	16 15
T 23	10 8	28 6	5 11	17 28	1 40	8 57	1 13	11 43	0 16	16 41	0 27	14 47	2 29	6 36	0 38	2 49	1 22	0 43	16 14
W24	9 46	28 31	5 13	17 4	1 45	9 26	1 19	11 58	0 16	16 37	0 27	14 47	2 29	6 37	0 38	2 49	1 22	0 44	16 14
T 25	9 24	26 58	4 54	16 38	1 49	9 55	1 25	12 14	0 17	16 33	0 28	14 47	2 29	6 38	0 38	2 48	1 22	0 44	16 14
F 26	9 2	23 33	4 16	16 12	1 52	10 24	1 30	12 29	0 18	16 29	0 28	14 46	2 29	6 39	0 38	2 48	1 22	0 45	16 13
S 27	8 40	18 36	3 21	15 44	1 56	10 52	1 36	12 45	0 19	16 25	0 28	14 46	2 30	6 40	0 38	2 47	1 22	0 45	16 13
S 28	8s17	12n35	2n13	15s15	1s59	11n20	1n42	13n 0	0n20	16s21	0s28	14s46	2n30	6n41	0s38	2s47	1n22	0n46	16s13



## ASTRODIENST EPHEMERIS for the year 2602

APRIL 2602

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 35 36	10°44'18"	6♐ 9	23°12'	22°57'	26°5	23°6	17°R 9	20°16'	9°R23	15°34'	27°R35	27°7	17°59	23°48	T 1
F 2	12 39 32	11°43'51"	19° 4	25° 5	23°34	26°47	23°18	17°15	20°20	9°22	15°35	27°33	27° 4	18° 6	23°52	F 2
S 3	12 43 29	12°43'22"	1♌42	26°55	24°10	27°28	23°30	17° 2	20°23	9°20	15°36	27°31	27° 1	18°13	23°55	S 3
S 4	12 47 25	13°42'52"	14° 3	28°42	24°45	28°10	23°41	16°59	20°27	9°18	15°37	27°29	26°58	18°19	23°59	S 4
M 5	12 51 22	14°42'20"	26°10	0♈26	25°18	28°51	23°53	16°55	20°30	9°17	15°39	27°27	26°54	18°26	24° 3	M 5
T 6	12 55 18	15°41'46"	8♌ 8	2° 6	25°50	29°33	24° 4	16°52	20°33	9°15	15°40	27°26	26°51	18°33	24° 6	T 6
W 7	12 59 15	16°41'10"	20° 1	3°42	26°21	0♐14	24°15	16°48	20°37	9°13	15°41	27°D26	26°48	18°39	24°10	W 7
T 8	13 3 11	17°40'32"	1♌54	5°14	26°49	0°55	24°26	16°45	20°40	9°12	15°42	27°27	26°45	18°46	24°14	T 8
F 9	13 7 8	18°39'53"	13°51	6°41	27°16	1°36	24°37	16°41	20°44	9°10	15°43	27°28	26°42	18°53	24°17	F 9
S 10	13 11 5	19°39'12"	25°57	8° 2	27°42	2°18	24°48	16°37	20°47	9° 8	15°45	27°30	26°38	19° 0	24°21	S 10
S 11	13 15 1	20°38'29"	8♐16	9°18	28° 6	2°59	24°59	16°33	20°50	9° 7	15°46	27°31	26°35	19° 6	24°24	S 11
M12	13 18 58	21°37'44"	20°52	10°28	28°28	3°40	25°10	16°29	20°54	9° 5	15°47	27°32	26°32	19°13	24°28	M12
T 13	13 22 54	22°36'57"	3♐46	11°32	28°48	4°21	25°21	16°25	20°57	9° 4	15°48	27°R32	26°29	19°20	24°31	T 13
W14	13 26 51	23°36'09"	17° 0	12°29	29° 6	5° 2	25°31	16°21	21° 1	9° 2	15°50	27°31	26°26	19°26	24°35	W14
T 15	13 30 47	24°35'18"	0♈32	13°21	29°22	5°43	25°42	16°17	21° 4	9° 0	15°51	27°29	26°23	19°33	24°38	T 15
F 16	13 34 44	25°34'25"	14°22	14° 5	29°36	6°24	25°52	16°13	21° 8	8°59	15°52	27°25	26°19	19°40	24°42	F 16
S 17	13 38 40	26°33'31"	28°25	14°43	29°48	7° 5	26° 2	16° 9	21°11	8°57	15°54	27°20	26°16	19°47	24°45	S 17
S 18	13 42 37	27°32'34"	12♐37	15°14	29°58	7°46	26°12	16° 5	21°14	8°56	15°55	27°16	26°13	19°53	24°49	S 18
M19	13 46 34	28°31'35"	26°54	15°39	0♐ 6	8°27	26°23	16° 1	21°18	8°54	15°56	27°12	26°10	20° 0	24°52	M19
T 20	13 50 30	29°30'34"	11♐11	15°56	0°11	9° 8	26°32	15°56	21°21	8°53	15°58	27°10	26° 7	20° 7	24°55	T 20
W21	13 54 27	0♈29'30	25°26	16° 7	0°14	9°49	26°42	15°52	21°25	8°51	15°59	27°D 8	26° 4	20°13	24°59	W21
T 22	13 58 23	1°28'24"	9♐35	16°R12	0°R15	10°30	26°52	15°48	21°28	8°50	16° 0	27° 8	26° 0	20°20	25° 2	T 22
F 23	14 2 20	2°27'16"	23°37	16° 9	0°13	11°11	27° 2	15°43	21°31	8°48	16° 2	27°10	25°57	20°27	25° 5	F 23
S 24	14 6 16	3°26'06"	7♐32	16° 1	0° 9	11°52	27°11	15°39	21°35	8°47	16° 3	27°11	25°54	20°34	25° 8	S 24
S 25	14 10 13	4°24'53"	21°17	15°47	0° 2	12°32	27°20	15°35	21°38	8°45	16° 4	27°R12	25°51	20°40	25°12	S 25
M26	14 14 9	5°23'38"	4♐52	15°27	29°53	13°13	27°30	15°30	21°41	8°44	16° 6	27°12	25°48	20°47	25°15	M26
T 27	14 18 6	6°22'21"	18°16	15° 3	29°42	13°54	27°39	15°26	21°45	8°42	16° 7	27°10	25°44	20°54	25°18	T 27
W28	14 22 3	7°21'02"	1♐27	14°33	29°28	14°34	27°48	15°21	21°48	8°41	16° 8	27° 6	25°41	21° 0	25°21	W28
T 29	14 25 59	8°19'41"	14°26	14° 0	29°11	15°15	27°56	15°17	21°51	8°39	16°10	27° 1	25°38	21° 7	25°24	T 29
F 30	14 29 56	9°18'18"	27♐10	13°24	28°52	15°15	28°55	15°15	21°55	8°38	16°11	27°54	25°35	21°14	25°27	F 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	4n14	16s38	3s17	9n20	0n22	23n20	5n 3	19n52	0n41	14s17	0s32	14s24	2n36	7n19	0s37	2s27
F 2	4 37	21 24	4 7	10 12	0 34	23 35	5 8	20 3	0 41	14 13	0 32	14 23	2 36	7 21	0 37	2 26
S 3	5 1	25 4	4 44	11 3	0 46	23 49	5 14	20 13	0 42	14 9	0 32	14 22	2 37	7 22	0 37	2 25
S 4	5 24	27 29	5 7	11 53	0 58	24 3	5 20	20 22	0 42	14 6	0 33	14 21	2 37	7 23	0 37	2 25
M 5	5 47	28 34	5 15	12 41	1 10	24 17	5 25	20 32	0 43	14 2	0 33	14 20	2 37	7 25	0 37	2 24
T 6	6 10	28 16	5 10	13 27	1 22	24 30	5 30	20 42	0 43	13 59	0 33	14 19	2 37	7 26	0 37	2 23
W 7	6 32	26 41	4 51	14 11	1 34	24 42	5 35	20 51	0 44	13 55	0 33	14 17	2 37	7 27	0 37	2 23
T 8	6 55	23 54	4 20	14 53	1 45	24 54	5 40	21 0	0 44	13 51	0 33	14 16	2 37	7 28	0 37	2 22
F 9	7 17	20 6	3 38	15 32	1 56	25 5	5 45	21 9	0 45	13 48	0 33	14 15	2 37	7 30	0 37	2 21
S 10	7 40	15 25	2 45	16 9	2 7	25 15	5 49	21 18	0 45	13 44	0 34	14 14	2 37	7 31	0 37	2 21
S 11	8 2	10 3	1 44	16 42	2 17	25 25	5 54	21 26	0 46	13 41	0 34	14 13	2 38	7 32	0 37	2 20
M12	8 24	4 10	0 37	17 13	2 26	25 34	5 58	21 35	0 46	13 37	0 34	14 12	2 38	7 34	0 37	2 19
T 13	8 46	2n 1	0n34	17 41	2 34	25 42	6 2	21 43	0 47	13 34	0 34	14 10	2 38	7 35	0 37	2 19
W14	9 8	8 16	1 45	18 6	2 42	25 50	6 5	21 51	0 47	13 31	0 34	14 9	2 38	7 36	0 37	2 18
T 15	9 30	14 18	2 51	18 28	2 48	25 57	6 8	21 58	0 48	13 27	0 34	14 8	2 38	7 37	0 37	2 18
F 16	9 51	19 44	3 49	18 47	2 54	26 3	6 12	22 6	0 48	13 24	0 35	14 7	2 38	7 39	0 37	2 17
S 17	10 13	24 11	4 34	19 3	2 58	26 8	6 14	22 13	0 48	13 21	0 35	14 5	2 38	7 40	0 37	2 16
S 18	10 34	27 14	5 2	19 15	3 2	26 13	6 17	22 21	0 49	13 17	0 35	14 4	2 38	7 41	0 37	2 16
M19	10 55	28 32	5 12	19 24	3 4	26 16	6 19	22 27	0 49	13 14	0 35	14 3	2 38	7 43	0 37	2 15
T 20	11 16	27 55	5 3	19 30	3 4	26 19	6 20	22 34	0 50	13 11	0 35	14 2	2 38	7 44	0 37	2 15
W21	11 37	25 29	4 35	19 32	3 4	26 21	6 22	22 41	0 50	13 8	0 36	14 0	2 38	7 45	0 37	2 14
T 22	11 57	21 30	3 51	19 32	3 2	26 22	6 22	22 47	0 51	13 5	0 36	13 59	2 39	7 46	0 37	2 13
F 23	12 17	16 19	2 53	19 28	2 58	26 22	6 23	22 53	0 51	13 2	0 36	13 58	2 39	7 48	0 37	2 13
S 24	12 37	10 21	1 45	19 21	2 53	26 21	6 23	22 59	0 51	12 59	0 36	13 57	2 39	7 49	0 37	2 12
S 25	12 57	3 57	0 32	19 10	2 47	26 19	6 22	23 5	0 52	12 56	0 36	13 55	2 39	7 50	0 37	2 12
M26	13 17	2s34	0s42	18 57	2 39	26 15	6 21	23 11	0 52	12 53	0 36	13 54	2 39	7 51	0 37	2 11
T 27	13 36	8 52	1 52	18 41	2 29	26 11	6 19	23 16	0 53	12 50	0 37	13 53	2 39	7 53	0 37	2 11
W28	13 55	14 41	2 55	18 22	2 19	26 6	6 16	23 21	0 53	12 47	0 37	13 51	2 39	7 54	0 37	2 10
T 29	14 14	19 44	3 48	18 0	2 7	25 59	6 13	23 26	0 53	12 44	0 37	13 50	2 39	7 55	0 37	2 9
F 30	14n33	23s49	4s28	17n37	1n53	25n51	6n10	23n31	0n54	12s41	0s37	13s49	2n39	7n56	0s37	2s 9

Julian Day Number = 2671510.5, Delta T = 20m21s

Ecliptic obliquity = 23°21'49", Nutation = 0°00'00"

Ayanamsha: Fagan/Bradley = 33°09'50", Lahiri = 32°16'50"



# ASTRODIENST EPHEMERIS for the year 2602

JUNE 2602

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 36 6	10II19°20	24☾14	15☾1	13°R57	7☾16	1☾27	12°R53	23☾31	8°R 6	16☾54	24°R 7	23☾53	24☾48	26☾42	T 1
W 2	16 40 2	11°17'03	6☾5	16° 6	13°R52	7°56	1°31	12°R49	23°33	8° 5	16°55	24°R 0	23°50	24°55	26°44	W 2
T 3	16 43 59	12°14'45	17°55	17°14	13°D50	8°36	1°35	12°45	23°36	8° 5	16°57	23°55	23°47	25° 2	26°45	T 3
F 4	16 47 55	13°12'26	29°50	18°25	13°51	9°15	1°38	12°42	23°38	8° 4	16°58	23°53	23°44	25° 9	26°47	F 4
S 5	16 51 52	14°10'06	11☾53	19°38	13°53	9°54	1°41	12°38	23°41	8° 4	16°59	23°D53	23°41	25°15	26°48	S 5
S 6	16 55 48	15° 7'45	24°11	20°55	13°58	10°34	1°44	12°35	23°43	8° 3	17° 0	23°R53	23°37	25°22	26°49	S 6
M 7	16 59 45	16° 5'23	6☾48	22°14	14° 5	11°13	1°47	12°31	23°46	8° 3	17° 2	23°52	23°34	25°29	26°51	M 7
T 8	17 3 41	17° 3'01	19°49	23°36	14°15	11°53	1°49	12°28	23°48	8° 3	17° 3	23°50	23°31	25°35	26°52	T 8
W 9	17 7 38	18° 0'37	3☾17	25° 0	14°26	12°32	1°51	12°25	23°50	8° 2	17° 4	23°46	23°28	25°42	26°53	W 9
T 10	17 11 34	18°58'13	17°14	26°27	14°40	13°11	1°54	12°21	23°53	8° 2	17° 5	23°39	23°25	25°49	26°54	T 10
F 11	17 15 31	19°55'47	1II39	27°57	14°55	13°51	1°56	12°18	23°55	8° 2	17° 6	23°30	23°21	25°55	26°55	F 11
S 12	17 19 28	20°53'21	16°25	29°29	15°13	14°30	1°57	12°15	23°57	8° 1	17° 8	23°19	23°18	26° 2	26°57	S 12
S 13	17 23 24	21°50'54	1☾26	1II 4	15°32	15° 9	1°59	12°12	23°59	8° 1	17° 9	23° 8	23°15	26° 9	26°58	S 13
M14	17 27 21	22°48'26	16°31	2°41	15°53	15°49	2° 0	12° 9	24° 1	8° 1	17°10	22°58	23°12	26°16	26°58	M14
T 15	17 31 17	23°45'56	1☾31	4°21	16°16	16°28	2° 2	12° 6	24° 3	8° 1	17°11	22°50	23° 9	26°22	26°59	T 15
W16	17 35 14	24°43'26	16°17	6° 3	16°40	17° 7	2° 3	12° 4	24° 6	8° 1	17°12	22°44	23° 6	26°29	27° 0	W16
T 17	17 39 10	25°40'54	0II43	7°48	17° 6	17°46	2° 3	12° 1	24° 8	8° 1	17°13	22°41	23° 2	26°36	27° 1	T 17
F 18	17 43 7	26°38'21	14°47	9°35	17°34	18°25	2° 4	11°58	24°10	8° 0	17°14	22°40	22°59	26°42	27° 2	F 18
S 19	17 47 4	27°35'47	28°29	11°25	18° 3	19° 4	2° 5	11°56	24°11	8°D 0	17°15	22°40	22°56	26°49	27° 2	S 19
S 20	17 51 0	28°33'11	11☾51	13°17	18°34	19°44	2° 5	11°53	24°13	8° 0	17°17	22°40	22°53	26°56	27° 3	S 20
M21	17 54 57	29°30'35	24°54	15°12	19° 6	20°23	2°R 5	11°51	24°15	8° 1	17°18	22°38	22°50	27° 2	27° 4	M21
T 22	17 58 53	0☾27'57	7II41	17° 9	19°39	21° 2	2° 5	11°49	24°17	8° 1	17°19	22°33	22°47	27° 9	27° 4	T 22
W23	18 2 50	1°25'19	20°16	19° 8	20°14	21°41	2° 4	11°47	24°19	8° 1	17°20	22°26	22°43	27°16	27° 5	W23
T 24	18 6 46	2°22'40	2☾40	21° 9	20°49	22°20	2° 4	11°45	24°21	8° 1	17°21	22°17	22°40	27°23	27° 5	T 24
F 25	18 10 43	3°20'00	14°55	23°12	21°26	22°59	2° 3	11°43	24°22	8° 1	17°22	22° 5	22°37	27°29	27° 5	F 25
S 26	18 14 39	4°17'19	27° 3	25°17	22° 5	23°38	2° 2	11°41	24°24	8° 1	17°23	21°52	22°34	27°36	27° 6	S 26
S 27	18 18 36	5°14'38	9☾ 3	27°24	22°44	24°17	2° 1	11°39	24°26	8° 1	17°24	21°39	22°31	27°43	27° 6	S 27
M28	18 22 33	6°11'56	20°59	29°32	23°24	24°56	2° 0	11°37	24°27	8° 2	17°25	21°27	22°28	27°49	27° 6	M28
T 29	18 26 29	7° 9'13	2☾50	1☾42	24° 6	25°34	1°59	11°35	24°29	8° 2	17°26	21°16	22°24	27°56	27° 6	T 29
W30	18 30 26	8☾ 6'30	14☾40	3☾52	24☾48	26☾13	1☾57	11II34	24☾30	8☾ 2	17☾27	21☾ 9	22☾21	28☾ 3	27☾ 6	W30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	21n56	25s29	4s21	13n 1	3s26	15n58	0s 1	24n13	1n 3	11s37	0s44	13s10	2n36	8n31	0s37	1s57
W 2	22 4	22 19	3 44	13 21	3 23	15 45	0 13	24 11	1 3	11 36	0 45	13 9	2 36	8 32	0 37	1 57
T 3	22 11	18 14	2 58	13 43	3 20	15 33	0 24	24 8	1 3	11 35	0 45	13 8	2 36	8 33	0 37	1 57
F 4	22 19	13 26	2 4	14 6	3 16	15 23	0 36	24 6	1 4	11 34	0 45	13 7	2 36	8 34	0 37	1 57
S 5	22 26	8 3	1 3	14 30	3 12	15 13	0 47	24 3	1 4	11 33	0 45	13 6	2 36	8 35	0 37	1 56
S 6	22 32	2 17	0n 2	14 55	3 7	15 4	0 57	24 0	1 4	11 32	0 46	13 6	2 36	8 36	0 37	1 56
M 7	22 38	3n44	1 8	15 20	3 2	14 57	1 7	23 57	1 4	11 31	0 46	13 5	2 35	8 37	0 37	1 56
T 8	22 44	9 46	2 13	15 47	2 56	14 50	1 17	23 54	1 4	11 31	0 46	13 4	2 35	8 38	0 37	1 56
W 9	22 49	15 35	3 12	16 13	2 49	14 45	1 26	23 51	1 4	11 30	0 46	13 3	2 35	8 38	0 37	1 56
T 10	22 54	20 48	4 2	16 41	2 42	14 40	1 35	23 47	1 5	11 30	0 47	13 2	2 35	8 39	0 38	1 56
F 11	22 59	24 59	4 39	17 8	2 34	14 37	1 43	23 43	1 5	11 29	0 47	13 1	2 35	8 40	0 38	1 56
S 12	23 3	27 37	4 58	17 36	2 26	14 34	1 52	23 39	1 5	11 29	0 47	13 1	2 34	8 41	0 38	1 56
S 13	23 7	28 18	4 57	18 4	2 17	14 32	1 59	23 35	1 5	11 28	0 47	13 0	2 34	8 42	0 38	1 56
M14	23 10	26 54	4 36	18 32	2 8	14 31	2 7	23 31	1 5	11 28	0 48	12 59	2 34	8 42	0 38	1 56
T 15	23 13	23 35	3 55	19 0	1 59	14 31	2 14	23 26	1 5	11 28	0 48	12 59	2 34	8 43	0 38	1 56
W16	23 16	18 46	2 59	19 27	1 49	14 31	2 20	23 21	1 6	11 28	0 48	12 58	2 34	8 44	0 38	1 56
T 17	23 18	12 57	1 53	19 54	1 39	14 33	2 27	23 16	1 6	11 28	0 48	12 57	2 33	8 45	0 38	1 56
F 18	23 19	6 37	0 42	20 21	1 29	14 34	2 33	23 11	1 6	11 28	0 49	12 57	2 33	8 45	0 38	1 56
S 19	23 20	0 8	0s31	20 47	1 18	14 37	2 38	23 6	1 6	11 28	0 49	12 56	2 33	8 46	0 38	1 56
S 20	23 21	6s12	1 40	21 12	1 7	14 40	2 44	23 1	1 6	11 28	0 49	12 56	2 33	8 47	0 38	1 56
M21	23 22	12 7	2 41	21 37	0 56	14 44	2 49	22 55	1 6	11 28	0 49	12 55	2 32	8 47	0 38	1 56
T 22	23 22	17 24	3 34	22 0	0 45	14 48	2 54	22 49	1 6	11 28	0 50	12 55	2 32	8 48	0 38	1 56
W23	23 21	21 51	4 15	22 21	0 34	14 53	2 58	22 43	1 7	11 29	0 50	12 54	2 32	8 49	0 38	1 56
T 24	23 21	25 15	4 43	22 41	0 23	14 58	3 2	22 37	1 7	11 29	0 50	12 54	2 32	8 49	0 38	1 56
F 25	23 19	27 27	4 58	23 0	0 12	15 4	3 6	22 31	1 7	11 30	0 50	12 54	2 32	8 50	0 38	1 56
S 26	23 18	28 19	4 59	23 16	0 1	15 11	3 10	22 24	1 7	11 30	0 51	12 53	2 31	8 50	0 38	1 56
S 27	23 16	27 49	4 47	23 30	0n10	15 17	3 13	22 18	1 7	11 31	0 51	12 53	2 31	8 51	0 38	1 56
M28	23 13	26 3	4 22	23 42	0 21	15 24	3 16	22 11	1 7	11 32	0 51	12 53	2 31	8 52	0 38	1 56
T 29	23 10	23 8	3 46	23 52	0 31	15 32	3 19	22 4	1 7	11 32	0 51	12 52	2 31	8 52	0 38	1 57
W30	23n 7	19s15	3s 0	23n59	0n41	15n39	3s21	21n57	1n 7	11s33	0s52	12s52	2n30	8n53	0s38	1s57

Julian Day Number = 2671571.5, Delta T = 20m21s  
 Ecliptic obliquity = 23°21'48, Nutation = 0°00'01  
 Ayanamsha: Fagan/Bradley = 33°09'58, Lahiri = 32°16'58

## ASTRODIENST EPHEMERIS for the year 2602

JULY 2602

00:00 UT

Day	Sid.t	☉	☾	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 34 22	9°34' 26	30	6°33' 25	32	26°52' 1°	R55	11°R32	24°Y32	8°33' 17	27	21°R 3	22°X18	28°Z 9	27°R 6	T 1
F 2	18 38 19	10° 1'03	8°X25	8°15' 26	16	27°31' 1°	X53	11°M31	24°33	8° 3	17°28	21°X 1	22°15	28°16	27°X 6	F 2
S 3	18 42 15	10°58'19	20°28	10°27	27° 1	28°10	1°51	11°30	24°34	8° 3	17°29	21°D 0	22°12	28°23	27° 6	S 3
S 4	18 46 12	11°55'35	2°Y45	12°38	27°47	28°49	1°48	11°29	24°36	8° 4	17°30	21° 0	22° 8	28°30	27° 6	S 4
M 5	18 50 8	12°52'51	15°20	14°49	28°34	29°27	1°46	11°28	24°37	8° 4	17°31	21°R 1	22° 5	28°36	27° 6	M 5
T 6	18 54 5	13°50'07	28°18	17° 0	29°22	0°Ω 6	1°43	11°27	24°38	8° 5	17°32	21° 0	22° 2	28°43	27° 5	T 6
W 7	18 58 2	14°47'23	11°X42	19° 9	0°II10	0°45	1°40	11°26	24°39	8° 5	17°33	20°57	21°59	28°50	27° 5	W 7
T 8	19 1 58	15°44'39	25°37	21°18	0°59	1°24	1°37	11°25	24°40	8° 6	17°34	20°52	21°56	28°56	27° 5	T 8
F 9	19 5 55	16°41'55	10°II 0	23°25	1°49	2° 2	1°34	11°24	24°42	8° 7	17°34	20°45	21°53	29° 3	27° 4	F 9
S 10	19 9 51	17°39'11	24°48	25°31	2°39	2°41	1°30	11°24	24°43	8° 7	17°35	20°36	21°49	29°10	27° 4	S 10
S 11	19 13 48	18°36'27	9°Ω55	27°35	3°30	3°20	1°26	11°23	24°44	8° 8	17°36	20°27	21°46	29°16	27° 3	S 11
M12	19 17 44	19°33'43	25°11	29°38	4°22	3°59	1°23	11°23	24°45	8° 9	17°37	20°18	21°43	29°23	27° 3	M12
T 13	19 21 41	20°30'58	10°Ω24	1°Ω38	5°15	4°37	1°19	11°23	24°45	8° 9	17°37	20°12	21°40	29°30	27° 2	T 13
W14	19 25 38	21°28'14	25°25	3°37	6° 7	5°16	1°14	11°23	24°46	8°10	17°38	20° 7	21°37	29°36	27° 1	W14
T 15	19 29 34	22°25'29	10°II 5	5°34	7° 1	5°55	1°10	11°D22	24°47	8°11	17°39	20° 5	21°34	29°43	27° 0	T 15
F 16	19 33 31	23°22'43	24°21	7°29	7°55	6°33	1° 5	11°22	24°48	8°12	17°39	20°D 4	21°30	29°50	27° 0	F 16
S 17	19 37 27	24°19'58	8°Ω11	9°23	8°49	7°12	1° 1	11°23	24°48	8°13	17°40	20° 5	21°27	29°57	26°59	S 17
S 18	19 41 24	25°17'12	21°35	11°14	9°44	7°50	0°56	11°23	24°49	8°14	17°41	20°R 6	21°24	0°≈ 3	26°58	S 18
M19	19 45 20	26°14'26	4°M37	13° 3	10°40	8°29	0°51	11°23	24°50	8°15	17°41	20° 6	21°21	0°10	26°57	M19
T 20	19 49 17	27°11'40	17°19	14°50	11°36	9° 7	0°46	11°24	24°50	8°16	17°42	20° 4	21°18	0°17	26°56	T 20
W21	19 53 13	28° 8'54	29°46	16°35	12°32	9°46	0°40	11°24	24°51	8°16	17°42	19°59	21°14	0°23	26°55	W21
T 22	19 57 10	29° 6'07	12°X 1	18°19	13°29	10°25	0°35	11°25	24°51	8°18	17°43	19°53	21°11	0°30	26°54	T 22
F 23	20 1 7	0°Ω 3'21	24° 6	20° 0	14°26	11° 3	0°29	11°25	24°52	8°19	17°44	19°45	21° 8	0°37	26°52	F 23
S 24	20 5 3	1° 0'35	6°Z 5	21°39	15°24	11°41	0°24	11°26	24°52	8°20	17°44	19°36	21° 5	0°43	26°51	S 24
S 25	20 9 0	1°57'49	18° 0	23°16	16°22	12°20	0°18	11°27	24°52	8°21	17°45	19°27	21° 2	0°50	26°50	S 25
M26	20 12 56	2°55'03	29°51	24°52	17°21	12°58	0°12	11°28	24°53	8°22	17°45	19°19	20°59	0°57	26°49	M26
T 27	20 16 53	3°52'18	11°≈41	26°25	18°20	13°37	0° 6	11°29	24°53	8°23	17°46	19°12	20°55	1° 3	26°47	T 27
W28	20 20 49	4°49'33	23°33	27°56	19°19	14°15	29°≈59	11°30	24°53	8°24	17°46	19° 7	20°52	1°10	26°46	W28
T 29	20 24 46	5°46'48	5°X27	29°25	20°18	14°54	29°53	11°32	24°53	8°25	17°46	19° 4	20°49	1°17	26°44	T 29
F 30	20 28 42	6°44'04	17°27	0°II53	21°18	15°32	29°46	11°33	24°53	8°27	17°47	19°D 3	20°46	1°24	26°43	F 30
S 31	20 32 39	7°Ω41'20	29°X35	2°II18	22°II19	16°Ω11	29°≈40	11°M35	24°R53	8°Ω28	17°X47	19°X 4	20°X43	1°≈30	26°X41	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	23n 3	14s37	2s 6	24n 4	0n50	15n47	3s24	21n49	1n 7	11s34	0s52	12s52	2n30	8n53	0s38	1s57	1n21
F 2	22 59	9 25	1 6	24 5	0 59	15 55	3 26	21 42	1 8	11 35	0 52	12 52	2 30	8 54	0 38	1 57	1 20
S 3	22 55	3 48	0 3	24 4	1 7	16 4	3 27	21 34	1 8	11 36	0 52	12 52	2 30	8 54	0 38	1 57	1 20
S 4	22 50	2n 2	1n 2	24 1	1 15	16 12	3 29	21 26	1 8	11 37	0 53	12 52	2 29	8 55	0 38	1 57	1 20
M 5	22 45	7 57	2 6	23 54	1 22	16 21	3 31	21 18	1 8	11 38	0 53	12 52	2 29	8 55	0 38	1 58	1 20
T 6	22 39	13 43	3 5	23 45	1 28	16 30	3 32	21 10	1 8	11 39	0 53	12 51	2 29	8 55	0 38	1 58	1 20
W 7	22 33	19 2	3 56	23 33	1 34	16 39	3 33	21 2	1 8	11 41	0 53	12 51	2 28	8 56	0 38	1 58	1 20
T 8	22 26	23 33	4 35	23 18	1 39	16 48	3 34	20 54	1 8	11 42	0 54	12 51	2 28	8 56	0 38	1 58	1 20
F 9	22 19	26 48	4 58	23 2	1 43	16 57	3 34	20 45	1 8	11 44	0 54	12 51	2 28	8 57	0 38	1 59	1 20
S 10	22 12	28 18	5 3	22 42	1 46	17 7	3 35	20 36	1 8	11 45	0 54	12 52	2 28	8 57	0 38	1 59	1 20
S 11	22 5 27	45	4 47	22 21	1 49	17 16	3 35	20 27	1 8	11 47	0 54	12 52	2 27	8 57	0 38	1 59	1 20
M12	21 57	25 7	4 10	21 58	1 50	17 25	3 35	20 18	1 8	11 48	0 55	12 52	2 27	8 58	0 38	2 0	1 20
T 13	21 48	20 43	3 15	21 33	1 51	17 35	3 35	20 9	1 8	11 50	0 55	12 52	2 27	8 58	0 38	2 0	1 20
W14	21 39	15 1	2 8	21 6	1 52	17 44	3 35	20 0	1 8	11 52	0 55	12 52	2 27	8 58	0 38	2 0	1 20
T 15	21 30	8 35	0 53	20 37	1 51	17 53	3 34	19 51	1 9	11 53	0 55	12 52	2 26	8 58	0 38	2 1	1 20
F 16	21 21	1 53	0s23	20 7	1 50	18 2	3 34	19 41	1 9	11 55	0 56	12 53	2 26	8 59	0 38	2 1	1 20
S 17	21 11	4s42	1 36	19 36	1 49	18 11	3 33	19 31	1 9	11 57	0 56	12 53	2 26	8 59	0 38	2 1	1 20
S 18	21 1	10 52	2 41	19 3	1 46	18 20	3 32	19 21	1 9	11 59	0 56	12 53	2 26	8 59	0 38	2 2	1 20
M19	20 50	16 24	3 36	18 30	1 43	18 29	3 31	19 11	1 9	12 1	0 56	12 54	2 25	8 59	0 38	2 2	1 20
T 20	20 39	21 5	4 18	17 55	1 40	18 38	3 30	19 1	1 9	12 3	0 57	12 54	2 25	9 0	0 38	2 3	1 20
W21	20 28	24 43	4 48	17 20	1 36	18 46	3 29	18 51	1 9	12 5	0 57	12 54	2 25	9 0	0 39	2 3	1 20
T 22	20 16	27 10	5 4	16 44	1 31	18 55	3 28	18 41	1 9	12 7	0 57	12 55	2 25	9 0	0 39	2 3	1 20
F 23	20 4	28 19	5 6	16 8	1 26	19 3	3 26	18 30	1 9	12 9	0 57	12 55	2 24	9 0	0 39	2 4	1 20
S 24	19 52	28 7	4 54	15 30	1 20	19 11	3 25	18 20	1 9	12 12	0 57	12 56	2 24	9 0	0 39	2 4	1 20
S 25	19 40	26 37	4 30	14 53	1 14	19 18	3 23	18 9	1 9	12 14	0 58	12 56	2 24	9 0	0 39	2 5	1 20
M26	19 27	23 56	3 54	14 15	1 7	19 26	3 21	17 58	1 9	12 16	0 58	12 57	2 23	9 0	0 39	2 5	1 20
T 27	19 13	20 14	3 8	13 37	1 0	19 33	3 19	17 47	1 9	12 19	0 58	12 58	2 23	9 0	0 39	2 6	1 20
W28	19 0	15 44	2 14	12 59	0 53	19 40	3 17	17 36	1 9	12 21	0 58	12 58	2 23	9 0	0 39	2 6	1 20
T 29	18 46	10 37	1 13	12 20	0 45	19 46	3 15	17 25	1 9	12 23	0 58	12 59	2 23	9 0	0 39	2 7	1 20
F 30	18 32	5 5	0 9	11 42	0 36	19 53	3 12	17 14	1 9	12 26	0 59	13 0	2 22	9 0	0 39	2 7	1 19
S 31	18n17	0n42	0n57	11n 3	0n28	19n59	3s10	17n 2	1n 9	12s28	0s59	13s 0	2n22	9n 0	0s39	2s 8	1n19

Julian Day Number = 2671601.5, Delta T = 20m22s

Ecliptic obliquity = 23°21'48, Nutation = 0°00'03

Ayanamsha: Fagan/Bradley = 33°10'02, Lahiri = 32°17'02

## ASTRODIENST EPHEMERIS for the year 2602

AUGUST 2602

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 36 36	8♂38'37	11♂55	3♂41	23♂19	16♂49	29♂R33	11♂36	24♂R53	8♂29	17♂48	19♂5	20♂40	1♂37	26♂R40	S 1
M 2	20 40 32	9°35'55	24°32	5° 2	24°20	17°27	29♂26	11°38	24♂Y53	8°30	17°48	19° 7	20°36	1°44	26♂X38	M 2
T 3	20 44 29	10°33'13	7♂29	6°21	25°22	18° 6	29°19	11°40	24°53	8°32	17°48	19°R 7	20°33	1°50	26°36	T 3
W 4	20 48 25	11°30'33	20°49	7°37	26°23	18°44	29°12	11°42	24°53	8°33	17°49	19° 7	20°30	1°57	26°34	W 4
T 5	20 52 22	12°27'54	4♂36	8°51	27°25	19°22	29° 5	11°44	24°53	8°35	17°49	19° 5	20°27	2° 4	26°33	T 5
F 6	20 56 18	13°25'15	18°50	10° 3	28°27	20° 1	28°58	11°46	24°52	8°36	17°49	19° 2	20°24	2°10	26°31	F 6
S 7	21 0 15	14°22'38	3♂28	11°13	29°30	20°39	28°51	11°48	24°52	8°37	17°49	18°58	20°20	2°17	26°29	S 7
S 8	21 4 11	15°20'01	18°26	12°20	0♂32	21°17	28°43	11°50	24°52	8°39	17°50	18°53	20°17	2°24	26°27	S 8
M 9	21 8 8	16°17'25	3♂36	13°25	1°35	21°56	28°36	11°52	24°51	8°40	17°50	18°48	20°14	2°30	26°25	M 9
T 10	21 12 5	17°14'50	18°48	14°27	2°38	22°34	28°28	11°55	24°51	8°42	17°50	18°45	20°11	2°37	26°23	T 10
W 11	21 16 1	18°12'16	3♂52	15°26	3°42	23°12	28°21	11°57	24°50	8°43	17°50	18°43	20° 8	2°44	26°21	W 11
T 12	21 19 58	19° 9'42	18°39	16°22	4°45	23°51	28°13	12° 0	24°50	8°45	17°50	18°D42	20° 5	2°51	26°19	T 12
F 13	21 23 54	20° 7'09	3♂4	17°16	5°49	24°29	28° 6	12° 3	24°49	8°47	17°50	18°42	20° 1	2°57	26°17	F 13
S 14	21 27 51	21° 4'37	17° 3	18° 6	6°53	25° 7	27°58	12° 6	24°48	8°48	17°50	18°44	19°58	3° 4	26°15	S 14
S 15	21 31 47	22° 2'05	0♂34	18°53	7°58	25°46	27°50	12° 8	24°48	8°50	17°50	18°45	19°55	3°11	26°12	S 15
M 16	21 35 44	22°59'34	13°41	19°36	9° 2	26°24	27°42	12°11	24°47	8°52	17°51	18°46	19°52	3°17	26°10	M 16
T 17	21 39 40	23°57'04	26°25	20°16	10° 7	27° 2	27°35	12°15	24°46	8°53	17°51	18°R47	19°49	3°24	26° 8	T 17
W 18	21 43 37	24°54'34	8♂51	20°52	11°12	27°40	27°27	12°18	24°45	8°55	17°R51	18°46	19°45	3°31	26° 6	W 18
T 19	21 47 34	25°52'06	21° 2	21°24	12°17	28°19	27°19	12°21	24°45	8°57	17°51	18°44	19°42	3°37	26° 3	T 19
F 20	21 51 30	26°49'38	3♂4	21°51	13°23	28°57	27°11	12°24	24°44	8°58	17°51	18°41	19°39	3°44	26° 1	F 20
S 21	21 55 27	27°47'11	14°58	22°15	14°28	29°35	27° 3	12°28	24°43	9° 0	17°50	18°38	19°36	3°51	25°58	S 21
S 22	21 59 23	28°44'45	26°49	22°33	15°34	0♂13	26°55	12°31	24°42	9° 2	17°50	18°35	19°33	3°57	25°56	S 22
M 23	22 3 20	29°42'19	8♂39	22°47	16°40	0°52	26°48	12°35	24°41	9° 4	17°50	18°32	19°30	4° 4	25°54	M 23
T 24	22 7 16	0♂39'55	20°32	22°56	17°46	1°30	26°40	12°38	24°39	9° 6	17°50	18°30	19°26	4°11	25°51	T 24
W 25	22 11 13	1°37'32	2♂28	22°R59	18°53	2° 8	26°32	12°42	24°38	9° 7	17°50	18°28	19°23	4°17	25°49	W 25
T 26	22 15 9	2°35'10	14°30	22°57	19°59	2°46	26°24	12°46	24°37	9° 9	17°50	18°D27	19°20	4°24	25°46	T 26
F 27	22 19 6	3°32'49	26°41	22°50	21° 6	3°24	26°16	12°50	24°36	9°11	17°50	18°27	19°17	4°31	25°43	F 27
S 28	22 23 3	4°30'30	9♂1	22°37	22°13	4° 3	26° 9	12°54	24°35	9°13	17°50	18°28	19°14	4°37	25°41	S 28
S 29	22 26 59	5°28'12	21°33	22°18	23°20	4°41	26° 1	12°58	24°33	9°15	17°49	18°29	19°11	4°44	25°38	S 29
M 30	22 30 56	6°25'55	4♂19	21°53	24°27	5°19	25°54	13° 2	24°32	9°17	17°49	18°30	19° 7	4°51	25°36	M 30
T 31	22 34 52	7♂23'41	17♂22	21♂23	25♂34	5♂57	25♂46	13♂6	24♂Y31	9♂19	17♂49	18♂31	19♂4	4♂58	25♂X33	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	18n 3	6n33	2n 1	10n25	0n19	20n 4	3s 8	16n51	1n 9	12s31	0s59	13s 1	2n22	9n 0	0s39	2s 8
M 2	17 48	12 17	3 1	9 47	0 9	20 10	3 5	16 39	1 9	12 33	0 59	13 2	2 22	9 0	0 39	2 9
T 3	17 32	17 38	3 53	9 9	0s 0	20 15	3 2	16 27	1 9	12 36	0 59	13 3	2 21	9 0	0 39	2 9
W 4	17 17	17 19	4 34	8 32	0 10	20 19	3 0	16 15	1 9	12 39	1 0	13 3	2 21	9 0	0 39	2 10
T 5	17 1	17 25	5 6	5 2	7 54	0 20	20 24	2 57	1 6	12 41	1 0	13 4	2 21	9 0	0 39	2 10
F 6	16 44	28 4	5 11	7 18	0 31	20 27	2 54	15 51	1 9	12 44	1 0	13 5	2 21	9 0	0 39	2 11
S 7	16 28	28 21	5 2	6 42	0 42	20 31	2 51	15 39	1 9	12 47	1 0	13 6	2 20	9 0	0 39	2 12
S 8	16 11	26 35	4 31	6 6	0 52	20 34	2 48	15 27	1 9	12 49	1 0	13 7	2 20	9 0	0 39	2 12
M 9	15 54	22 53	3 42	5 31	1 4	20 37	2 45	15 14	1 9	12 52	1 0	13 8	2 20	8 59	0 39	2 13
T 10	15 37	17 37	2 36	4 57	1 15	20 39	2 42	15 2	1 9	12 55	1 0	13 9	2 19	8 59	0 39	2 14
W 11	15 20	11 19	1 20	4 24	1 26	20 41	2 38	14 49	1 9	12 58	1 1	13 10	2 19	8 59	0 39	2 14
T 12	15 2	4 29	0 0	3 51	1 38	20 42	2 35	14 37	1 9	13 0	1 1	13 11	2 19	8 59	0 39	2 15
F 13	14 44	2s25	1s18	3 20	1 49	20 43	2 32	14 24	1 9	13 3	1 1	13 12	2 19	8 58	0 39	2 15
S 14	14 26	8 58	2 29	2 50	2 1	20 43	2 28	14 11	1 9	13 6	1 1	13 13	2 18	8 58	0 39	2 16
S 15	14 7	14 55	3 30	2 21	2 13	20 43	2 25	13 58	1 9	13 9	1 1	13 14	2 18	8 58	0 39	2 17
M 16	13 49	19 59	4 17	1 53	2 25	20 42	2 21	13 45	1 9	13 12	1 1	13 15	2 18	8 58	0 39	2 17
T 17	13 30	24 0	4 51	1 27	2 36	20 41	2 18	13 32	1 9	13 14	1 2	13 16	2 18	8 57	0 39	2 18
W 18	13 11	26 48	5 10	1 2	2 48	20 40	2 14	13 19	1 9	13 17	1 2	13 18	2 17	8 57	0 39	2 19
T 19	12 51	28 17	5 14	0 39	3 0	20 38	2 10	13 6	1 8	13 20	1 2	13 19	2 17	8 57	0 39	2 19
F 20	12 32	28 24	5 5	0 18	3 11	20 36	2 7	12 52	1 8	13 23	1 2	13 20	2 17	8 56	0 39	2 20
S 21	12 12	27 12	4 42	0s 2	3 22	20 33	2 3	12 39	1 8	13 26	1 2	13 21	2 17	8 56	0 39	2 21
S 22	11 52	24 46	4 7	0 19	3 33	20 29	1 59	12 25	1 8	13 28	1 2	13 23	2 16	8 56	0 39	2 22
M 23	11 32	21 17	3 22	0 34	3 43	20 25	1 55	12 12	1 8	13 31	1 2	13 24	2 16	8 55	0 39	2 22
T 24	11 12	16 56	2 28	0 46	3 53	20 21	1 52	11 58	1 8	13 34	1 2	13 25	2 16	8 55	0 39	2 23
W 25	10 52	11 55	1 27	0 56	4 2	20 16	1 48	11 45	1 8	13 37	1 2	13 27	2 16	8 54	0 39	2 24
T 26	10 31	6 25	0 22	1 3	4 11	20 10	1 44	11 31	1 8	13 39	1 3	13 28	2 16	8 54	0 39	2 25
F 27	10 11	0 37	0n45	1 7	4 18	20 4	1 40	11 17	1 8	13 42	1 3	13 29	2 15	8 53	0 39	2 25
S 28	9 50	5n16	1 51	1 8	4 25	19 57	1 36	11 3	1 8	13 45	1 3	13 31	2 15	8 53	0 39	2 26
S 29	9 29	11 3	2 53	1 6	4 31	19 50	1 32	10 49	1 8	13 47	1 3	13 32	2 15	8 52	0 39	2 27
M 30	9 7	16 29	3 48	1 1	4 36	19 43	1 28	10 35	1 8	13 50	1 3	13 34	2 15	8 52	0 40	2 28
T 31	8n46	21n18	4n31	0s52	4s39	19n35	1s24	10n21	1n 8	13s53	1s 3	13s35	2n14	8n51	0s40	2s28

Julian Day Number = 2671632.5, Delta T = 20m22s

Ecliptic obliquity = 23°21'49", Nutation = 0°00'04"

Ayanamsha: Fagan/Bradley = 33°10'06", Lahiri = 32°17'06"

# ASTRODIENST EPHEMERIS for the year 2602

SEPTEMBER 2602

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	22 38 49	8 <sup>h</sup> 21'28"	0 <sup>h</sup> 44'	20°R48	26°S42	6 <sup>h</sup> 35'	25°R38	13 <sup>h</sup> 11'	24°R29	9 <sup>h</sup> 21'	17°R49	18 <sup>h</sup> 32'	19 <sup>h</sup> 1'	5 <sup>h</sup> 4'	25°R30	W 1
T 2	22 42 45	9°19'16"	14°26'	20 <sup>h</sup> 8'	27°50'	7°13'	25°S31	13°15'	24°Y28	9°23'	17°S48	18°R32	18°58'	5°11'	25°R28	T 2
F 3	22 46 42	10°17'06"	28°28'	19°23'	28°57'	7°52'	25°24'	13°19'	24°26'	9°25'	17°48'	18°31'	18°55'	5°18'	25°25'	F 3
S 4	22 50 38	11°14'59"	12°S51	18°35'	0 <sup>h</sup> 5'	8°30'	25°16'	13°24'	24°25'	9°27'	17°48'	18°31'	18°51'	5°24'	25°22'	S 4
S 5	22 54 35	12°12'52"	27°30'	17°43'	1°14'	9°8'	25°9'	13°29'	24°23'	9°29'	17°47'	18°30'	18°48'	5°31'	25°19'	S 5
M 6	22 58 32	13°10'48"	12°S21	16°49'	2°22'	9°46'	25°2'	13°33'	24°22'	9°31'	17°47'	18°29'	18°45'	5°38'	25°17'	M 6
T 7	23 2 28	14°8'45"	27°17'	15°54'	3°30'	10°24'	24°55'	13°38'	24°20'	9°33'	17°46'	18°29'	18°42'	5°44'	25°14'	T 7
W 8	23 6 25	15°6'43"	12 <sup>h</sup> 9'	14°59'	4°39'	11°3'	24°48'	13°43'	24°18'	9°35'	17°46'	18°D29	18°39'	5°51'	25°11'	W 8
T 9	23 10 21	16°4'43"	26°51'	14°5'	5°48'	11°41'	24°41'	13°48'	24°16'	9°37'	17°46'	18°29'	18°36'	5°58'	25°8'	T 9
F 10	23 14 18	17°2'45"	11°S15	13°13'	6°56'	12°19'	24°35'	13°53'	24°15'	9°39'	17°45'	18°29'	18°32'	6°4'	25°6'	F 10
S 11	23 18 14	18°0'48"	25°16'	12°25'	8°5'	12°57'	24°28'	13°58'	24°13'	9°41'	17°45'	18°R29	18°29'	6°11'	25°3'	S 11
S 12	23 22 11	18°58'52"	8 <sup>h</sup> 53'	11°40'	9°15'	13°35'	24°22'	14°3'	24°11'	9°43'	17°44'	18°29'	18°26'	6°18'	25°0'	S 12
M13	23 26 7	19°56'58"	22°5'	11°2'	10°24'	14°14'	24°15'	14°8'	24°9'	9°45'	17°44'	18°29'	18°23'	6°24'	24°57'	M13
T 14	23 30 4	20°55'05"	4°S53	10°30'	11°33'	14°52'	24°9'	14°13'	24°7'	9°47'	17°43'	18°29'	18°20'	6°31'	24°54'	T 14
W15	23 34 1	21°53'14"	17°22'	10°5'	12°43'	15°30'	24°3'	14°18'	24°5'	9°49'	17°43'	18°D29	18°17'	6°38'	24°51'	W15
T 16	23 37 57	22°51'24"	29°34'	9°48'	13°52'	16°8'	23°57'	14°24'	24°3'	9°52'	17°42'	18°29'	18°13'	6°44'	24°49'	T 16
F 17	23 41 54	23°49'36"	11°S34	9°D39	15°2'	16°46'	23°51'	14°29'	24°1'	9°54'	17°41'	18°29'	18°10'	6°51'	24°46'	F 17
S 18	23 45 50	24°47'49"	23°27'	9°39'	16°12'	17°24'	23°45'	14°35'	23°59'	9°56'	17°41'	18°29'	18°7'	6°58'	24°43'	S 18
S 19	23 49 47	25°46'03"	5 <sup>h</sup> 17'	9°48'	17°22'	18°3'	23°40'	14°40'	23°57'	9°58'	17°40'	18°30'	18°4'	7°4'	24°40'	S 19
M20	23 53 43	26°44'19"	17°9'	10°6'	18°32'	18°41'	23°34'	14°46'	23°55'	10°0'	17°40'	18°31'	18°1'	7°11'	24°37'	M20
T 21	23 57 40	27°42'37"	29°5'	10°33'	19°42'	19°19'	23°29'	14°51'	23°53'	10°2'	17°39'	18°32'	17°57'	7°18'	24°34'	T 21
W22	0 1 36	28°40'56"	11 <sup>h</sup> 8'	11°8'	20°52'	19°57'	23°24'	14°57'	23°51'	10°5'	17°38'	18°32'	17°54'	7°24'	24°32'	W22
T 23	0 5 33	29°39'17"	23°22'	11°52'	22°3'	20°35'	23°19'	15°3'	23°49'	10°7'	17°38'	18°R32	17°51'	7°31'	24°29'	T 23
F 24	0 9 30	0 <sup>h</sup> 37'39"	5°Y47	12°44'	23°13'	21°13'	23°14'	15°9'	23°47'	10°9'	17°37'	18°32'	17°48'	7°38'	24°26'	F 24
S 25	0 13 26	1°36'03"	18°25'	13°44'	24°24'	21°52'	23°10'	15°14'	23°45'	10°11'	17°36'	18°31'	17°45'	7°45'	24°23'	S 25
S 26	0 17 23	2°34'30"	1 <sup>h</sup> 16'	14°51'	25°35'	22°30'	23°5'	15°20'	23°43'	10°13'	17°35'	18°29'	17°42'	7°51'	24°20'	S 26
M27	0 21 19	3°32'58"	14°21'	16°4'	26°46'	23°8'	23°1'	15°26'	23°40'	10°16'	17°35'	18°27'	17°38'	7°58'	24°17'	M27
T 28	0 25 16	4°31'29"	27°40'	17°23'	27°57'	23°46'	22°57'	15°32'	23°38'	10°18'	17°34'	18°25'	17°35'	8°5'	24°15'	T 28
W29	0 29 12	5°30'01"	11 <sup>h</sup> 13'	18°48'	29°8'	24°24'	22°53'	15°38'	23°36'	10°20'	17°33'	18°23'	17°32'	8°11'	24°12'	W29
T 30	0 33 9	6°28'36"	24 <sup>h</sup> 58'	20 <sup>h</sup> 17'	0 <sup>h</sup> 19'	25°13'	22°44'	15°44'	23°Y34	10°22'	17°S32	18°R22	17°R29	8°18'	24°R9'	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
W 1	8n25	25n 9	5n 2	0s40	4s41	19n26	1s20	10n 7	1n 8	13s55	1s 3	13s37	2n14	8n51	0s40	W 1
T 2	8 3	27 41	5 16	0 25	4 41	19 17	1 17	9 53	1 7	13 58	1 3	13 38	2 14	8 50	0 40	T 2
F 3	7 41	28 33	5 12	0 6	4 39	19 7	1 13	9 38	1 7	14 0	1 3	13 40	2 14	8 50	0 40	F 3
S 4	7 19	27 32	4 49	0n16	4 36	18 57	1 9	9 24	1 7	14 3	1 3	13 41	2 14	8 49	0 40	S 4
S 5	6 57	24 37	4 7	0 41	4 31	18 46	1 5	9 10	1 7	14 5	1 3	13 43	2 13	8 49	0 40	S 5
M 6	6 35	20 2	3 7	1 8	4 24	18 35	1 1	8 55	1 7	14 8	1 3	13 44	2 13	8 48	0 40	M 6
T 7	6 13	14 11	1 55	1 37	4 15	18 23	0 57	8 41	1 7	14 10	1 3	13 46	2 13	8 47	0 40	T 7
W 8	5 51	7 31	0 35	2 9	4 4	18 11	0 53	8 26	1 7	14 12	1 3	13 48	2 13	8 47	0 40	W 8
T 9	5 28	0 32	0s46	2 41	3 51	17 58	0 49	8 11	1 7	14 15	1 3	13 49	2 12	8 46	0 40	T 9
F 10	5 6	6s19	2 3	3 14	3 37	17 45	0 45	7 57	1 7	14 17	1 3	13 51	2 12	8 45	0 40	F 10
S 11	4 43	12 42	3 10	3 47	3 21	17 31	0 41	7 42	1 7	14 19	1 3	13 53	2 12	8 45	0 40	S 11
S 12	4 21	18 17	4 5	4 19	3 4	17 17	0 37	7 27	1 6	14 21	1 3	13 54	2 12	8 44	0 40	S 12
M13	3 58	22 48	4 44	4 50	2 47	17 2	0 34	7 13	1 6	14 23	1 3	13 56	2 12	8 43	0 40	M13
T 14	3 35	26 6	5 8	5 19	2 28	16 47	0 30	6 58	1 6	14 25	1 3	13 58	2 11	8 43	0 40	T 14
W15	3 12	28 2	5 17	5 46	2 9	16 32	0 26	6 43	1 6	14 28	1 3	13 59	2 11	8 42	0 40	W15
T 16	2 50	28 33	5 11	6 11	1 50	16 15	0 22	6 28	1 6	14 29	1 3	14 1	2 11	8 41	0 40	T 16
F 17	2 27	27 43	4 52	6 32	1 30	15 59	0 18	6 13	1 6	14 31	1 3	14 3	2 11	8 40	0 40	F 17
S 18	2 4	25 36	4 20	6 50	1 11	15 42	0 15	5 58	1 6	14 33	1 3	14 5	2 11	8 40	0 40	S 18
S 19	1 41	22 24	3 38	7 4	0 52	15 24	0 11	5 43	1 6	14 35	1 3	14 6	2 11	8 39	0 40	S 19
M20	1 18	18 16	2 45	7 14	0 34	15 6	0 7	5 28	1 5	14 37	1 3	14 8	2 10	8 38	0 40	M20
T 21	0 54	13 25	1 46	7 20	0 17	14 48	0 4	5 13	1 5	14 39	1 3	14 10	2 10	8 37	0 40	T 21
W22	0 31	8 0	0 41	7 21	0 1	14 29	0 0	4 58	1 5	14 40	1 3	14 12	2 10	8 37	0 40	W22
T 23	0 8	2 13	0n27	7 19	0n15	14 10	0n 3	4 43	1 5	14 42	1 3	14 14	2 10	8 36	0 40	T 23
F 24	0s15	3n44	1 34	7 13	0 29	13 50	0 7	4 28	1 5	14 43	1 3	14 15	2 10	8 35	0 40	F 24
S 25	0 38	9 38	2 38	7 2	0 43	13 30	0 10	4 13	1 5	14 45	1 3	14 17	2 9	8 34	0 40	S 25
S 26	1 1	15 14	3 35	6 47	0 55	13 10	0 14	3 57	1 5	14 46	1 3	14 19	2 9	8 33	0 40	S 26
M27	1 24	20 15	4 22	6 29	1 6	12 49	0 17	3 42	1 4	14 48	1 3	14 21	2 9	8 33	0 40	M27
T 28	1 48	24 22	4 55	6 7	1 15	12 28	0 20	3 27	1 4	14 49	1 3	14 23	2 9	8 32	0 40	T 28
W29	2 11	27 13	5 13	5 42	1 24	12 6	0 23	3 12	1 4	14 50	1 3	14 25	2 9	8 31	0 40	W29
T 30	2s34	28n29	5n13	5n14	1n31	11n45	0n27	2n57	1n 4	14s51	1s 3	14s27	2n 9	8n30	0s40	T 30

Julian Day Number = 2671663.5, Delta T = 20m22s  
 Ecliptic obliquity = 23°21'49", Nutation = 0°00'04"  
 Ayanamsha: Fagan/Bradley = 33°10'11", Lahiri = 32°17'11"

## ASTRODIENST EPHEMERIS for the year 2602

OCTOBER 2602

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	0 37 5	7♂27'13	8♂57	21♂50	1♂30	25♂41	22°R46	15♂51	23°R31	10♂25	17°R31	18°D22	17♂26	8♂25	24°R 6	F 1
S 2	0 41 2	8°25'52	23° 7	23°27	2°41	26°19	22°42	15°57	23°Y29	10°27	17°R31	18°R22	17°23	8°31	24°R 4	S 2
S 3	0 44 59	9°24'34	7♂27	25° 7	3°53	26°57	22°39	16° 3	23°27	10°29	17°30	18°23	17°19	8°38	24° 1	S 3
M 4	0 48 55	10°23'17	21°54	26°49	5° 5	27°35	22°36	16° 9	23°24	10°31	17°29	18°25	17°16	8°45	23°58	M 4
T 5	0 52 52	11°22'03	6♂24	28°33	6°16	28°14	22°33	16°16	23°22	10°33	17°28	18°26	17°13	8°51	23°56	T 5
W 6	0 56 48	12°20'51	20°53	0♂19	7°28	28°52	22°31	16°22	23°20	10°36	17°27	18°R26	17°10	8°58	23°53	W 6
T 7	1 0 45	13°19'40	5♂15	2° 6	8°40	29°30	22°28	16°29	23°17	10°38	17°26	18°25	17° 7	9° 5	23°50	T 7
F 8	1 4 41	14°18'32	19°25	3°54	9°52	0♂ 8	22°26	16°35	23°15	10°40	17°25	18°23	17° 3	9°11	23°48	F 8
S 9	1 8 38	15°17'26	3♂19	5°42	11° 4	0°47	22°24	16°42	23°12	10°42	17°24	18°20	17° 0	9°18	23°45	S 9
S 10	1 12 34	16°16'22	16°52	7°31	12°16	1°25	22°22	16°48	23°10	10°45	17°24	18°15	16°57	9°25	23°42	S 10
M11	1 16 31	17°15'19	0♂ 4	9°19	13°28	2° 3	22°20	16°55	23° 8	10°47	17°23	18°11	16°54	9°31	23°40	M11
T 12	1 20 27	18°14'19	12°54	11° 8	14°40	2°41	22°19	17° 1	23° 5	10°49	17°22	18° 6	16°51	9°38	23°37	T 12
W13	1 24 24	19°13'20	25°24	12°56	15°53	3°20	22°17	17° 8	23° 3	10°51	17°21	18° 3	16°48	9°45	23°35	W13
T 14	1 28 21	20°12'23	7♂38	14°44	17° 5	3°58	22°16	17°15	23° 0	10°53	17°20	18° 1	16°44	9°51	23°32	T 14
F 15	1 32 17	21°11'28	19°38	16°32	18°18	4°36	22°15	17°22	22°58	10°56	17°19	18°D 0	16°41	9°58	23°30	F 15
S 16	1 36 14	22°10'34	1♂31	18°19	19°30	5°14	22°15	17°28	22°56	10°58	17°18	18° 0	16°38	10° 5	23°28	S 16
S 17	1 40 10	23° 9'42	13°21	20° 5	20°43	5°53	22°14	17°35	22°53	11° 0	17°17	18° 2	16°35	10°11	23°25	S 17
M18	1 44 7	24° 8'52	25°13	21°51	21°56	6°31	22°14	17°42	22°51	11° 2	17°16	18° 3	16°32	10°18	23°23	M18
T 19	1 48 3	25° 8'04	7♂12	23°36	23° 8	7° 9	22°D14	17°49	22°48	11° 4	17°15	18° 5	16°28	10°25	23°21	T 19
W20	1 52 0	26° 7'17	19°22	25°21	24°21	7°48	22°14	17°56	22°46	11° 7	17°14	18°R 5	16°25	10°31	23°18	W20
T 21	1 55 56	27° 6'32	1°Y46	27° 4	25°34	8°26	22°14	18° 3	22°43	11° 9	17°13	18° 4	16°22	10°38	23°16	T 21
F 22	1 59 53	28° 5'49	14°26	28°47	26°47	9° 4	22°15	18°10	22°41	11°11	17°12	18° 2	16°19	10°45	23°14	F 22
S 23	2 3 50	29° 5'08	27°24	0♂29	28° 0	9°43	22°16	18°16	22°39	11°13	17°10	17°57	16°16	10°51	23°12	S 23
S 24	2 7 46	0♂ 4'29	10♂39	2°11	29°13	10°21	22°17	18°23	22°36	11°15	17° 9	17°51	16°13	10°58	23°10	S 24
M25	2 11 43	1° 3'53	24° 9	3°52	0♂27	10°59	22°18	18°30	22°34	11°17	17° 8	17°43	16° 9	11° 5	23° 8	M25
T 26	2 15 39	2° 3'18	7♂53	5°32	1°40	11°38	22°19	18°38	22°31	11°19	17° 7	17°36	16° 6	11°11	23° 6	T 26
W27	2 19 36	3° 2'45	21°47	7°11	2°53	12°16	22°20	18°45	22°29	11°22	17° 6	17°29	16° 3	11°18	23° 4	W27
T 28	2 23 32	4° 2'15	5♂48	8°50	4° 7	12°54	22°22	18°52	22°27	11°24	17° 5	17°24	16° 0	11°25	23° 2	T 28
F 29	2 27 29	5° 1'47	19°53	10°28	5°20	13°33	22°24	18°59	22°24	11°26	17° 4	17°21	15°57	11°31	23° 0	F 29
S 30	2 31 25	6° 1'22	4♂ 1	12° 6	6°34	14°11	22°26	19° 6	22°22	11°28	17° 3	17°D20	15°54	11°38	22°58	S 30
S 31	2 35 22	7♂ 0'58	18♂ 9	13♂43	7♂47	14♂49	22°28	19♂13	22°Y20	11♂30	17♂ 2	17♂21	15♂50	11♂45	22♂56	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	2s57	27n59	4n55	4n43	1n37	11n22	0n30	2n41	1n 4	14s52	1s 3	14s29	2n 9	8n29	0s40	2s54
S 2	3 20	25 39	4 19	4 9	1 42	11 0	0 33	2 26	1 4	14 53	1 3	14 31	2 8	8 28	0 40	2 55
S 3	3 43	21 41	3 27	3 34	1 46	10 37	0 36	2 11	1 3	14 54	1 3	14 32	2 8	8 28	0 40	2 56
M 4	4 6	16 23	2 21	2 56	1 49	10 13	0 39	1 55	1 3	14 55	1 2	14 34	2 8	8 27	0 40	2 57
T 5	4 29	10 9	1 6	2 16	1 51	9 50	0 42	1 40	1 3	14 56	1 2	14 36	2 8	8 26	0 40	2 58
W 6	4 52	3 24	0s13	1 35	1 52	9 26	0 45	1 25	1 3	14 57	1 2	14 38	2 8	8 25	0 40	2 59
T 7	5 15	3s28	1 31	0 53	1 52	9 2	0 47	1 9	1 3	14 58	1 2	14 40	2 8	8 24	0 40	2 59
F 8	5 37	10 5	2 42	0 10	1 52	8 37	0 50	0 54	1 3	14 58	1 2	14 42	2 8	8 23	0 40	3 0
S 9	6 0	16 3	3 42	0s34	1 51	8 13	0 53	0 39	1 2	14 59	1 2	14 44	2 7	8 22	0 40	3 1
S 10	6 23	21 6	4 27	1 18	1 49	7 48	0 55	0 23	1 2	14 59	1 2	14 46	2 7	8 21	0 40	3 2
M11	6 45	24 56	4 57	2 3	1 46	7 22	0 58	0 8	1 2	15 0	1 2	14 48	2 7	8 21	0 40	3 3
T 12	7 8	27 25	5 11	2 48	1 43	6 57	1 0	0s 7	1 2	15 0	1 2	14 50	2 7	8 20	0 40	3 4
W13	7 30	28 27	5 10	3 34	1 40	6 31	1 3	0 23	1 2	15 1	1 2	14 52	2 7	8 19	0 40	3 5
T 14	7 52	28 3	4 55	4 19	1 36	6 5	1 5	0 38	1 1	15 1	1 2	14 54	2 7	8 18	0 40	3 5
F 15	8 15	26 20	4 26	5 4	1 31	5 39	1 7	0 53	1 1	15 1	1 2	14 56	2 7	8 17	0 40	3 6
S 16	8 37	23 27	3 47	5 49	1 27	5 13	1 10	1 9	1 1	15 1	1 1	14 58	2 7	8 16	0 40	3 7
S 17	8 58	19 36	2 58	6 34	1 22	4 46	1 12	1 24	1 1	15 1	1 1	15 0	2 7	8 15	0 40	3 8
M18	9 20	14 59	2 1	7 18	1 16	4 19	1 14	1 39	1 1	15 1	1 1	15 2	2 6	8 14	0 40	3 9
T 19	9 42	9 45	0 59	8 2	1 11	3 53	1 16	1 54	1 0	15 1	1 1	15 4	2 6	8 13	0 40	3 10
W20	10 3	4 6	0n 7	8 46	1 5	3 26	1 18	2 10	1 0	15 1	1 1	15 6	2 6	8 13	0 40	3 10
T 21	10 25	1n50	1 14	9 29	0 59	2 58	1 20	2 25	1 0	15 1	1 1	15 8	2 6	8 12	0 40	3 11
F 22	10 46	7 48	2 18	10 11	0 53	2 31	1 21	2 40	1 0	15 1	1 1	15 10	2 6	8 11	0 40	3 12
S 23	11 7	13 34	3 17	10 53	0 46	2 4	1 23	2 55	0 59	15 0	1 1	15 12	2 6	8 10	0 40	3 13
S 24	11 28	18 52	4 6	11 34	0 40	1 36	1 25	3 11	0 59	15 0	1 1	15 14	2 6	8 9	0 40	3 14
M25	11 48	23 19	4 43	12 14	0 33	1 8	1 26	3 26	0 59	14 59	1 1	15 16	2 6	8 8	0 40	3 15
T 26	12 9	26 33	5 4	12 54	0 27	0 41	1 27	3 41	0 59	14 59	1 0	15 18	2 6	8 7	0 40	3 15
W27	12 29	28 13	5 7	13 33	0 20	0 13	1 29	3 56	0 58	14 58	1 0	15 20	2 6	8 6	0 40	3 16
T 28	12 49	28 6	4 53	14 11	0 13	0s15	1 30	4 11	0 58	14 58	1 0	15 22	2 6	8 6	0 40	3 17
F 29	13 9	26 11	4 20	14 49	0 6	0 43	1 31	4 26	0 58	14 57	1 0	15 24	2 5	8 5	0 40	3 18
S 30	13 29	22 37	3 32	15 25	0s 0	1 11	1 32	4 41	0 58	14 56	1 0	15 26	2 5	8 4	0 40	3 19
S 31	13s49	17n44	2n31	16s 1	0s 7	1s39	1n33	4s56	0n57	14s55	1s 0	15s28	2n 5	8n 3	0s40	3s19

Julian Day Number = 2671693.5, Delta T = 20m23s

Ecliptic obliquity = 23°21'49, Nutation = 0°00'03

Ayanamsha: Fagan/Bradley = 33°10'15, Lahiri = 32°17'15

# ASTRODIENST EPHEMERIS for the year 2602

NOVEMBER 2602

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	2 39 19	8♈ 0°37'	2♈ 17°	15♈ 19°	9♈ 1°	15♈ 28°	22♈ 31°	19♈ 20°	22♈ 17°	11♈ 32°	17♈ 1°	17♈ 22°	15♈ 47°	11♈ 51°	22♈ 54°	M 1
T 2	2 43 15	9° 0'18"	16°23'	16°55'	10°15'	16° 6'	22°34'	19°27'	22°15'	11°34'	17° 0'	17°R22°	15°44'	11°58'	22°52'	T 2
W 3	2 47 12	10° 0'01"	0♈ 24°	18°30'	11°28'	16°45'	22°36'	19°34'	22°13'	11°36'	16°58'	17°22°	15°41'	12° 5'	22°51'	W 3
T 4	2 51 8	10°59'47"	14°20'	20° 4'	12°42'	17°23'	22°40'	19°42'	22°11'	11°38'	16°57'	17°19'	15°38'	12°11'	22°49'	T 4
F 5	2 55 5	11°59'34"	28° 7'	21°38'	13°56'	18° 1'	22°43'	19°49'	22° 8'	11°40'	16°56'	17°13'	15°34'	12°18'	22°48'	F 5
S 6	2 59 1	12°59'24"	11♈ 41°	23°12'	15°10'	18°40'	22°46'	19°56'	22° 6'	11°42'	16°55'	17° 5'	15°31'	12°25'	22°46'	S 6
S 7	3 2 58	13°59'15"	25° 1'	24°45'	16°24'	19°18'	22°50'	20° 3'	22° 4'	11°44'	16°54'	16°55'	15°28'	12°31'	22°45'	S 7
M 8	3 6 54	14°59'09"	8♈ 4°	26°17'	17°38'	19°57'	22°54'	20°11'	22° 2'	11°46'	16°53'	16°45'	15°25'	12°38'	22°43'	M 8
T 9	3 10 51	15°59'04"	20°49'	27°50'	18°52'	20°35'	22°58'	20°18'	22° 0'	11°48'	16°52'	16°34'	15°22'	12°45'	22°42'	T 9
W10	3 14 48	16°59'01"	3♈ 17°	29°21'	20° 6'	21°14'	23° 2'	20°25'	21°57'	11°50'	16°51'	16°25'	15°19'	12°51'	22°40'	W10
T 11	3 18 44	17°59'00"	15°29'	0♈ 52°	21°21'	21°52'	23° 6'	20°32'	21°55'	11°52'	16°49'	16°18'	15°15'	12°58'	22°39'	T 11
F 12	3 22 41	18°59'00"	27°29'	2°23'	22°35'	22°31'	23°11'	20°39'	21°53'	11°53'	16°48'	16°13'	15°12'	13° 5'	22°38'	F 12
S 13	3 26 37	19°59'02"	9♈ 21°	3°53'	23°49'	23° 9'	23°16'	20°47'	21°51'	11°55'	16°47'	16°10'	15° 9'	13°11'	22°37'	S 13
S 14	3 30 34	20°59'05"	21°10'	5°22'	25° 3'	23°48'	23°21'	20°54'	21°49'	11°57'	16°46'	16°D10°	15° 6'	13°18'	22°35'	S 14
M15	3 34 30	21°59'10"	3♈ 1°	6°52'	26°18'	24°26'	23°26'	21° 1'	21°47'	11°59'	16°45'	16°10'	15° 3'	13°25'	22°34'	M15
T 16	3 38 27	22°59'16"	15° 0'	8°20'	27°32'	25° 5'	23°31'	21° 8'	21°45'	12° 1'	16°44'	16°R11°	15° 0'	13°31'	22°33'	T 16
W17	3 42 23	23°59'24"	27°11'	9°49'	28°46'	25°43'	23°36'	21°16'	21°43'	12° 2'	16°43'	16°10'	14°56'	13°38'	22°32'	W17
T 18	3 46 20	24°59'33"	9♈ 40°	11°16'	0♈ 1°	26°22'	23°42'	21°23'	21°41'	12° 4'	16°42'	16° 8'	14°53'	13°45'	22°31'	T 18
F 19	3 50 17	25°59'44"	22°30'	12°43'	1°15'	27° 0'	23°48'	21°30'	21°39'	12° 6'	16°41'	16° 2'	14°50'	13°51'	22°31'	F 19
S 20	3 54 13	26°59'57"	5♈ 43°	14°10'	2°30'	27°39'	23°54'	21°37'	21°38'	12° 8'	16°39'	15°55'	14°47'	13°58'	22°30'	S 20
S 21	3 58 10	28° 0'11"	19°19'	15°36'	3°44'	28°17'	24° 0'	21°45'	21°36'	12° 9'	16°38'	15°45'	14°44'	14° 5'	22°29'	S 21
M22	4 2 6	29° 0'27"	3♈ 15°	17° 1'	4°59'	28°56'	24° 6'	21°52'	21°34'	12°11'	16°37'	15°33'	14°40'	14°11'	22°28'	M22
T 23	4 6 3	0♈ 4°5'	17°27'	18°26'	6°14'	29°34'	24°13'	21°59'	21°32'	12°13'	16°36'	15°21'	14°37'	14°18'	22°28'	T 23
W24	4 9 59	1° 1'05"	1♈ 49°	19°50'	7°28'	0♈ 13°	24°19'	22° 6'	21°30'	12°14'	16°35'	15°11'	14°34'	14°25'	22°27'	W24
T 25	4 13 56	2° 1'26"	16°15'	21°12'	8°43'	0°51'	24°26'	22°13'	21°29'	12°16'	16°34'	15° 2'	14°31'	14°31'	22°27'	T 25
F 26	4 17 53	3° 1'49"	0♈ 40°	22°35'	9°58'	1°30'	24°33'	22°21'	21°27'	12°17'	16°33'	14°56'	14°28'	14°38'	22°26'	F 26
S 27	4 21 49	4° 2'14"	14°58'	23°56'	11°13'	2° 9'	24°40'	22°28'	21°26'	12°19'	16°32'	14°53'	14°25'	14°45'	22°26'	S 27
S 28	4 25 46	5° 2'41"	29° 8'	25°15'	12°27'	2°47'	24°47'	22°35'	21°24'	12°21'	16°31'	14°51'	14°21'	14°51'	22°25'	S 28
M29	4 29 42	6° 3'09"	13♈ 9°	26°34'	13°42'	3°26'	24°55'	22°42'	21°22'	12°22'	16°30'	14°51'	14°18'	14°58'	22°25'	M29
T 30	4 33 39	7♈ 3'40"	26♈ 59°	27♈ 51°	14♈ 57°	4♈ 5°	25° 2'	22♈ 49°	21°21'	12°24°	16°29°	14°51°	14°15°	15° 5'	22°25°	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
M 1	14s 8	11n53	1n20	16s36	0s14	2s 7	1n34	5s11	0n57	14s54	1s 0	15s30	2n 5	8n 2	0s40	M 1
T 2	14 27	5 27	0 5	17 10	0 21	2 35	1 35	5 26	0 57	14 53	1 0	15 32	2 5	8 1	0 40	T 2
W 3	14 46	1s13	1s 9	17 43	0 28	3 3	1 36	5 41	0 57	14 52	1 0	15 34	2 5	8 0	0 40	W 3
T 4	15 5	7 47	2 19	18 15	0 34	3 31	1 37	5 56	0 56	14 51	0 59	15 36	2 5	8 0	0 40	T 4
F 5	15 23	13 53	3 20	18 47	0 41	3 59	1 38	6 11	0 56	14 50	0 59	15 38	2 5	7 59	0 40	F 5
S 6	15 41	19 14	4 9	19 17	0 48	4 27	1 38	6 26	0 56	14 49	0 59	15 40	2 5	7 58	0 40	S 6
S 7	15 59	23 32	4 43	19 46	0 54	4 55	1 39	6 40	0 56	14 48	0 59	15 42	2 5	7 57	0 40	S 7
M 8	16 17	26 32	5 1	20 15	1 1	5 22	1 39	6 55	0 55	14 46	0 59	15 43	2 5	7 56	0 40	M 8
T 9	16 34	28 5	5 3	20 42	1 7	5 50	1 39	7 10	0 55	14 45	0 59	15 45	2 5	7 56	0 40	T 9
W10	16 51	28 11	4 51	21 9	1 13	6 18	1 40	7 24	0 55	14 43	0 59	15 47	2 5	7 55	0 40	W10
T 11	17 8	26 52	4 26	21 34	1 20	6 45	1 40	7 39	0 54	14 42	0 59	15 49	2 5	7 54	0 40	T 11
F 12	17 25	24 21	3 49	21 58	1 25	7 13	1 40	7 54	0 54	14 40	0 59	15 51	2 5	7 53	0 40	F 12
S 13	17 41	20 48	3 3	22 21	1 31	7 40	1 40	8 8	0 54	14 39	0 58	15 53	2 5	7 53	0 40	S 13
S 14	17 57	16 26	2 9	22 43	1 37	8 7	1 40	8 23	0 54	14 37	0 58	15 55	2 5	7 52	0 39	S 14
M15	18 12	11 27	1 10	23 4	1 42	8 34	1 40	8 37	0 53	14 35	0 58	15 57	2 5	7 51	0 39	M15
T 16	18 28	5 59	0 6	23 24	1 48	9 1	1 40	8 51	0 53	14 33	0 58	15 59	2 5	7 50	0 39	T 16
W17	18 43	0 13	0n58	23 43	1 53	9 27	1 39	9 5	0 53	14 31	0 58	16 1	2 5	7 50	0 39	W17
T 18	18 57	5n41	2 2	24 0	1 58	9 54	1 39	9 20	0 52	14 29	0 58	16 3	2 5	7 49	0 39	T 18
F 19	19 12	11 31	3 0	24 16	2 2	10 20	1 38	9 34	0 52	14 27	0 58	16 4	2 5	7 48	0 39	F 19
S 20	19 26	17 1	3 51	24 32	2 7	10 46	1 38	9 48	0 52	14 25	0 58	16 6	2 5	7 48	0 39	S 20
S 21	19 39	21 50	4 30	24 45	2 11	11 12	1 37	10 2	0 51	14 23	0 58	16 8	2 5	7 47	0 39	S 21
M22	19 52	25 33	4 54	24 58	2 15	11 37	1 37	10 16	0 51	14 21	0 58	16 10	2 5	7 46	0 39	M22
T 23	20 5	27 46	5 1	25 10	2 18	12 3	1 36	10 30	0 51	14 19	0 57	16 12	2 5	7 46	0 39	T 23
W24	20 18	28 10	4 49	25 20	2 22	12 28	1 35	10 43	0 50	14 16	0 57	16 14	2 5	7 45	0 39	W24
T 25	20 30	26 39	4 18	25 29	2 24	12 52	1 34	10 57	0 50	14 14	0 57	16 16	2 5	7 45	0 39	T 25
F 26	20 42	23 23	3 31	25 36	2 27	13 17	1 33	11 11	0 50	14 12	0 57	16 17	2 5	7 44	0 39	F 26
S 27	20 53	18 42	2 31	25 42	2 29	13 41	1 32	11 24	0 49	14 9	0 57	16 19	2 5	7 43	0 39	S 27
S 28	21 4	13 1	1 22	25 47	2 31	14 4	1 31	11 38	0 49	14 7	0 57	16 21	2 5	7 43	0 39	S 28
M29	21 15	6 44	0 9	25 51	2 32	14 28	1 30	11 51	0 49	14 4	0 57	16 23	2 5	7 42	0 39	M29
T 30	21s25	0n13	1s 4	25s53	2s33	14s51	1n29	12s 5	0n48	14s 2	0s57	16s24	2n 5	7n42	0s39	T 30

Julian Day Number = 2671724.5, Delta T = 20m23s  
 Ecliptic obliquity = 23°21'49", Nutation = 0°00'03"  
 Ayanamsha: Fagan/Bradley = 33°10'19", Lahiri = 32°17'19"

## ASTRODIENST EPHEMERIS for the year 2602

DECEMBER 2602

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	4 37 35	8♂ 4'12	10♂40	29♂ 6	16♂12	4♂43	25♂10	22♂56	21°R20	12♂25	16°R28	14°R49	14♂12	15♂11	22°R25	W 1
T 2	4 41 32	9° 4'46	24°11	0♂20	17°27	5°22	25°18	23° 3	21°Y18	12°26	16♂27	14♂45	14° 9	15°18	22♂24	T 2
F 3	4 45 28	10° 5'22	7♂33	1°31	18°42	6° 1	25°26	23°10	21°17	12°28	16°26	14°37	14° 6	15°25	22°24	F 3
S 4	4 49 25	11° 5'59	20°44	2°40	19°57	6°39	25°34	23°17	21°15	12°29	16°25	14°26	14° 2	15°31	22°D24	S 4
S 5	4 53 22	12° 6'38	3♂43	3°47	21°12	7°18	25°42	23°24	21°14	12°30	16°24	14°13	13°59	15°38	22°24	S 5
M 6	4 57 18	13° 7'18	16°30	4°49	22°27	7°57	25°51	23°31	21°13	12°32	16°23	13°59	13°56	15°45	22°25	M 6
T 7	5 1 15	14° 8'00	29° 3	5°49	23°42	8°35	26° 0	23°38	21°12	12°33	16°22	13°45	13°53	15°51	22°25	T 7
W 8	5 5 11	15° 8'42	11♂22	6°44	24°57	9°14	26° 8	23°45	21°11	12°34	16°21	13°32	13°50	15°58	22°25	W 8
T 9	5 9 8	16° 9'26	23°30	7°35	26°12	9°53	26°17	23°52	21° 9	12°36	16°20	13°22	13°46	16° 5	22°25	T 9
F 10	5 13 4	17°10'12	5♂27	8°20	27°27	10°31	26°26	23°59	21° 8	12°37	16°19	13°14	13°43	16°11	22°26	F 10
S 11	5 17 1	18°10'58	17°16	8°59	28°42	11°10	26°35	24° 6	21° 7	12°38	16°18	13° 9	13°40	16°18	22°26	S 11
S 12	5 20 57	19°11'45	29° 3	9°32	29°57	11°49	26°45	24°13	21° 6	12°39	16°17	13° 7	13°37	16°25	22°26	S 12
M13	5 24 54	20°12'33	10♂52	9°56	1♂12	12°28	26°54	24°20	21° 6	12°40	16°16	13°D 6	13°34	16°31	22°27	M13
T 14	5 28 51	21°13'21	22°48	10°13	2°27	13° 6	27° 4	24°26	21° 5	12°41	16°15	13°R 6	13°31	16°38	22°28	T 14
W15	5 32 47	22°14'11	4♂57	10°R20	3°43	13°45	27°13	24°33	21° 4	12°42	16°14	13° 6	13°27	16°45	22°28	W15
T 16	5 36 44	23°15'01	17°25	10°17	4°58	14°24	27°23	24°40	21° 3	12°43	16°13	13° 3	13°24	16°51	22°29	T 16
F 17	5 40 40	24°15'53	0♂16	10° 3	6°13	15° 3	27°33	24°46	21° 2	12°44	16°12	12°59	13°21	16°58	22°30	F 17
S 18	5 44 37	25°16'45	13°33	9°39	7°28	15°42	27°43	24°53	21° 2	12°45	16°12	12°52	13°18	17° 5	22°30	S 18
S 19	5 48 33	26°17'38	27°18	9° 2	8°43	16°20	27°53	24°59	21° 1	12°46	16°11	12°42	13°15	17°11	22°31	S 19
M20	5 52 30	27°18'31	11♂30	8°15	9°58	16°59	28° 3	25° 6	21° 0	12°47	16°10	12°31	13°12	17°18	22°32	M20
T 21	5 56 26	28°19'26	26° 2	7°17	11°14	17°38	28°14	25°12	21° 0	12°48	16° 9	12°19	13° 8	17°25	22°33	T 21
W22	6 0 23	29°20'22	10♂50	6°10	12°29	18°17	28°24	25°19	20°59	12°49	16° 8	12° 8	13° 5	17°31	22°34	W22
T 23	6 4 20	0♂21'18	25°43	4°55	13°44	18°56	28°35	25°25	20°59	12°49	16° 8	11°59	13° 2	17°38	22°35	T 23
F 24	6 8 16	1°22'15	10♂34	3°35	15° 0	19°34	28°46	25°32	20°59	12°50	16° 7	11°53	12°59	17°45	22°36	F 24
S 25	6 12 13	2°23'14	25°14	2°12	16°15	20°13	28°56	25°38	20°58	12°51	16° 6	11°50	12°56	17°51	22°38	S 25
S 26	6 16 9	3°24'13	9♂39	0°49	17°30	20°52	29° 7	25°44	20°58	12°52	16° 5	11°D49	12°52	17°58	22°39	S 26
M27	6 20 6	4°25'13	23°47	29♂29	18°45	21°31	29°18	25°50	20°58	12°52	16° 5	11°49	12°49	18° 5	22°40	M27
T 28	6 24 2	5°26'14	7♂37	28°15	20° 1	22°10	29°29	25°57	20°58	12°53	16° 4	11°R49	12°46	18°11	22°42	T 28
W29	6 27 59	6°27'17	21°10	27° 8	21°16	22°49	29°41	26° 3	20°58	12°53	16° 3	11°48	12°43	18°18	22°43	W29
T 30	6 31 55	7°28'20	4♂27	26°11	22°31	23°28	29°52	26° 9	20°57	12°54	16° 3	11°45	12°40	18°25	22°45	T 30
F 31	6 35 52	8♂29'24	17♂30	25♂23	23♂47	24♂ 7	0♂ 3	26♂15	20°D57	12♂55	16♂ 2	11♂39	12♂37	18♂31	22♂46	F 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	21s35	6s14	2s12	25s54	2s33	15s14	1n28	12s18	0n48	13s59	0s57	16s26	2n 5	7n41	0s39	3s40
T 2	21 44	12 19	3 12	25 54	2 32	15 36	1 27	12 31	0 48	13 56	0 57	16 28	2 5	7 41	0 39	3 40
F 3	21 54	17 46	4 0	25 52	2 31	15 58	1 25	12 44	0 47	13 53	0 56	16 30	2 5	7 40	0 39	3 41
S 4	22 2	22 18	4 35	25 50	2 29	16 19	1 24	12 57	0 47	13 51	0 56	16 31	2 5	7 40	0 39	3 41
S 5	22 10	25 39	4 55	25 45	2 27	16 41	1 22	13 10	0 47	13 48	0 56	16 33	2 5	7 39	0 39	3 42
M 6	22 18	27 39	4 59	25 40	2 24	17 1	1 21	13 23	0 46	13 45	0 56	16 35	2 5	7 39	0 39	3 42
T 7	22 25	28 11	4 49	25 34	2 20	17 21	1 19	13 36	0 46	13 42	0 56	16 36	2 5	7 39	0 39	3 43
W 8	22 32	27 17	4 26	25 26	2 14	17 41	1 18	13 49	0 45	13 39	0 56	16 38	2 5	7 38	0 39	3 43
T 9	22 39	25 6	3 50	25 17	2 8	18 1	1 16	14 1	0 45	13 36	0 56	16 40	2 5	7 38	0 39	3 43
F 10	22 45	21 50	3 5	25 7	2 1	18 19	1 14	14 14	0 45	13 32	0 56	16 41	2 5	7 37	0 39	3 44
S 11	22 50	17 42	2 12	24 56	1 53	18 38	1 12	14 26	0 44	13 29	0 56	16 43	2 5	7 37	0 39	3 44
S 12	22 56	12 55	1 14	24 45	1 44	18 56	1 11	14 38	0 44	13 26	0 56	16 45	2 5	7 37	0 39	3 45
M13	23 0	7 39	0 12	24 32	1 33	19 13	1 9	14 50	0 43	13 23	0 56	16 46	2 5	7 36	0 39	3 45
T 14	23 4	2 4	0n51	24 19	1 21	19 30	1 7	15 2	0 43	13 19	0 55	16 48	2 5	7 36	0 39	3 45
W15	23 8	3n42	1 53	24 5	1 7	19 46	1 5	15 14	0 43	13 16	0 55	16 49	2 5	7 36	0 39	3 46
T 16	23 12	9 27	2 51	23 50	0 52	20 2	1 3	15 26	0 42	13 13	0 55	16 51	2 5	7 36	0 39	3 46
F 17	23 14	15 0	3 42	23 35	0 36	20 17	1 1	15 38	0 42	13 9	0 55	16 52	2 5	7 35	0 38	3 46
S 18	23 17	20 3	4 23	23 19	0 19	20 31	0 59	15 50	0 41	13 6	0 55	16 54	2 6	7 35	0 38	3 47
S 19	23 19	24 13	4 51	23 3	0 0	20 45	0 57	16 1	0 41	13 2	0 55	16 55	2 6	7 35	0 38	3 47
M20	23 20	27 4	5 1	22 47	0n19	20 59	0 54	16 13	0 40	12 58	0 55	16 57	2 6	7 35	0 38	3 47
T 21	23 21	28 11	4 53	22 31	0 39	21 12	0 52	16 24	0 40	12 55	0 55	16 58	2 6	7 35	0 38	3 48
W22	23 22	27 19	4 25	22 14	0 59	21 24	0 50	16 35	0 39	12 51	0 55	17 0	2 6	7 34	0 38	3 48
T 23	23 22	24 31	3 39	21 57	1 19	21 35	0 48	16 46	0 39	12 47	0 55	17 1	2 6	7 34	0 38	3 48
F 24	23 21	20 4	2 38	21 41	1 38	21 46	0 45	16 57	0 39	12 43	0 55	17 2	2 6	7 34	0 38	3 48
S 25	23 21	14 26	1 27	21 25	1 56	21 56	0 43	17 8	0 38	12 40	0 55	17 4	2 6	7 34	0 38	3 49
S 26	23 19	8 6	0 11	21 10	2 12	22 6	0 41	17 19	0 38	12 36	0 55	17 5	2 6	7 34	0 38	3 49
M27	23 17	1 29	1s 3	20 56	2 26	22 15	0 38	17 29	0 37	12 32	0 55	17 7	2 6	7 34	0 38	3 49
T 28	23 15	5s 3	2 13	20 43	2 38	22 23	0 36	17 40	0 37	12 28	0 55	17 8	2 6	7 34	0 38	3 49
W29	23 12	11 13	3 13	20 33	2 47	22 31	0 34	17 50	0 36	12 24	0 54	17 9	2 7	7 34	0 38	3 49
T 30	23 9	16 46	4 2	20 25	2 54	22 38	0 31	18 0	0 36	12 20	0 54	17 11	2 7	7 34	0 38	3 50
F 31	23s 6	21s26	4s37	20s19	2n58	22s44	0n29	18s10	0n35	12s16	0s54	17s12	2n 7	7n34	0s38	3s50

Julian Day Number = 2671754.5, Delta T = 20m23s

Ecliptic obliquity = 23°21'48, Nutation = 0°00'04

Ayanamsha: Fagan/Bradley = 33°10'23, Lahiri = 32°17'23

## ASTRODIENST EPHEMERIS for the year 2603

JANUARY 2603

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 39 49	9°30'28	0°20	24°R47	25°2	24°M45	0°15	26°M21	20°Y57	12°55	16°R 1	11°R30	12°K33	18°38	22°K48	S 1
S 2	6 43 45	10°31'34	12°59	24°21	26°17	25°24	0°27	26°27	20°58	12°56	16°8 1	11°K20	12°30	18°45	22°49	S 2
M 3	6 47 42	11°32'40	25°27	24° 6	27°33	26° 3	0°38	26°32	20°58	12°56	16° 0	11° 8	12°27	18°51	22°51	M 3
T 4	6 51 38	12°33'47	7°45	24°D 1	28°48	26°42	0°50	26°38	20°58	12°56	16° 0	10°56	12°24	18°58	22°53	T 4
W 5	6 55 35	13°34'54	19°53	24° 6	0°3	4	27°21	1° 2	26°44	20°58	12°57	15°59	10°45	12°21	19° 5	W 5
T 6	6 59 31	14°36'01	1°53	24°19	1°19	28° 0	1°14	26°50	20°58	12°57	15°59	10°37	12°18	19°11	22°56	T 6
F 7	7 3 28	15°37'09	13°45	24°41	2°34	28°39	1°26	26°55	20°59	12°57	15°58	10°30	12°14	19°18	22°58	F 7
S 8	7 7 25	16°38'17	25°33	25°10	3°50	29°18	1°38	27° 1	20°59	12°58	15°58	10°27	12°11	19°25	23° 0	S 8
S 9	7 11 21	17°39'24	7°19	25°45	5° 5	29°57	1°51	27° 6	21° 0	12°58	15°57	10°D25	12° 8	19°31	23° 2	S 9
M10	7 15 18	18°40'32	19° 7	26°27	6°21	0°236	2° 3	27°12	21° 0	12°58	15°57	10°25	12° 5	19°38	23° 4	M10
T 11	7 19 14	19°41'40	1°Y 1	27°13	7°36	1°15	2°15	27°17	21° 1	12°58	15°56	10°27	12° 2	19°44	23° 6	T 11
W12	7 23 11	20°42'47	13° 8	28° 5	8°51	1°54	2°28	27°22	21° 1	12°58	15°56	10°28	11°58	19°51	23° 9	W12
T 13	7 27 7	21°43'55	25°31	29° 0	10° 7	2°33	2°40	27°27	21° 2	12°58	15°55	10°R28	11°55	19°58	23°11	T 13
F 14	7 31 4	22°45'02	8°17	29°59	11°22	3°12	2°53	27°33	21° 3	12°58	15°55	10°27	11°52	20° 4	23°13	F 14
S 15	7 35 0	23°46'09	21°29	1°3	2	12°38	3°51	3° 6	27°38	21° 3	12°R58	15°55	10°23	11°49	20°11	S 15
S 16	7 38 57	24°47'15	5°II 10	2° 7	13°53	4°30	3°19	27°43	21° 4	12°58	15°54	10°18	11°46	20°18	23°18	S 16
M17	7 42 54	25°48'22	19°20	3°15	15° 8	5° 9	3°31	27°48	21° 5	12°58	15°54	10°11	11°43	20°24	23°20	M17
T 18	7 46 50	26°49'28	3°55	4°25	16°24	5°48	3°44	27°52	21° 6	12°58	15°54	10° 4	11°39	20°31	23°22	T 18
W19	7 50 47	27°50'34	18°55	5°37	17°39	6°27	3°57	27°57	21° 7	12°58	15°54	9°57	11°36	20°38	23°25	W19
T 20	7 54 43	28°51'40	4°Q 4	6°51	18°55	7° 6	4°10	28° 2	21° 8	12°58	15°53	9°52	11°33	20°44	23°27	T 20
F 21	7 58 40	29°52'45	19°16	8° 7	20°10	7°45	4°24	28° 7	21° 9	12°58	15°53	9°48	11°30	20°51	23°30	F 21
S 22	8 2 36	0°53'51	4°M 19	9°24	21°25	8°24	4°37	28°11	21°10	12°57	15°53	9°D47	11°27	20°58	23°32	S 22
S 23	8 6 33	1°54'56	19° 6	10°43	22°41	9° 3	4°50	28°16	21°11	12°57	15°53	9°47	11°24	21° 4	23°35	S 23
M24	8 10 29	2°56'01	3°Q 32	12° 3	23°56	9°42	5° 3	28°20	21°12	12°57	15°53	9°48	11°20	21°11	23°38	M24
T 25	8 14 26	3°57'06	17°34	13°24	25°12	10°21	5°17	28°24	21°14	12°56	15°52	9°50	11°17	21°18	23°40	T 25
W26	8 18 23	4°58'11	1°M 12	14°46	26°27	11° 0	5°30	28°29	21°15	12°56	15°52	9°R51	11°14	21°24	23°43	W26
T 27	8 22 19	5°59'16	14°28	16° 9	27°43	11°39	5°43	28°33	21°16	12°56	15°52	9°50	11°11	21°31	23°46	T 27
F 28	8 26 16	7° 0'21	27°24	17°34	28°58	12°18	5°57	28°37	21°18	12°55	15°52	9°48	11° 8	21°38	23°49	F 28
S 29	8 30 12	8° 1'25	10°2	3	18°59	0°13	6°11	28°41	21°19	12°55	15°52	9°45	11° 4	21°44	23°52	S 29
S 30	8 34 9	9° 2'29	22°28	20°24	1°29	13°36	6°24	28°45	21°21	12°54	15°D52	9°40	11° 1	21°51	23°55	S 30
M31	8 38 5	10°3'33	4°32	21°51	2°44	14°15	6°38	28°48	21°Y22	12°54	15°52	9°K35	10°K58	21°58	23°K58	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	23s 1	25s 0	4s58	20s15	3n 1	22s50	0n26	18s20	0n35	12s12	0s54	17s13	2n 7	7n34	0s38	3s50
S 2	22 57	27 18	5 3	20 14	3 1	22 55	0 24	18 30	0 34	12 8	0 54	17 14	2 7	7 34	0 38	3 50
M 3	22 52	28 11	4 54	20 14	3 0	22 59	0 21	18 40	0 34	12 3	0 54	17 16	2 7	7 34	0 38	3 50
T 4	22 46	27 39	4 32	20 17	2 57	23 2	0 19	18 49	0 33	11 59	0 54	17 17	2 7	7 34	0 38	3 50
W 5	22 40	25 48	3 57	20 21	2 53	23 5	0 17	18 59	0 33	11 55	0 54	17 18	2 7	7 34	0 38	3 50
T 6	22 34	22 47	3 11	20 27	2 47	23 7	0 14	19 8	0 32	11 51	0 54	17 19	2 7	7 35	0 38	3 50
F 7	22 27	18 51	2 18	20 34	2 41	23 9	0 12	19 17	0 32	11 46	0 54	17 20	2 8	7 35	0 38	3 51
S 8	22 20	14 12	1 19	20 42	2 34	23 9	0 9	19 26	0 31	11 42	0 54	17 21	2 8	7 35	0 38	3 51
S 9	22 12	9 4	0 17	20 51	2 27	23 9	0 7	19 35	0 31	11 37	0 54	17 23	2 8	7 35	0 38	3 51
M10	22 4	3 35	0n47	21 0	2 19	23 9	0 4	19 43	0 30	11 33	0 54	17 24	2 8	7 35	0 38	3 51
T 11	21 55	2n 4	1 49	21 9	2 11	23 7	0 2	19 52	0 29	11 29	0 54	17 25	2 8	7 36	0 38	3 51
W12	21 46	7 44	2 47	21 19	2 2	23 5	0s 1	20 0	0 29	11 24	0 54	17 26	2 8	7 36	0 38	3 51
T 13	21 37	13 14	3 39	21 28	1 53	23 2	0 3	20 8	0 28	11 19	0 54	17 27	2 8	7 36	0 37	3 51
F 14	21 27	18 21	4 22	21 37	1 44	22 58	0 6	20 17	0 28	11 15	0 54	17 28	2 8	7 36	0 37	3 51
S 15	21 17	22 47	4 52	21 46	1 35	22 54	0 8	20 24	0 27	11 10	0 54	17 29	2 9	7 37	0 37	3 51
S 16	21 6	26 8	5 8	21 55	1 26	22 49	0 11	20 32	0 27	11 6	0 54	17 30	2 9	7 37	0 37	3 50
M17	20 55	28 0	5 5	22 2	1 17	22 43	0 13	20 40	0 26	11 1	0 54	17 31	2 9	7 37	0 37	3 50
T 18	20 44	28 1	4 43	22 9	1 8	22 37	0 16	20 47	0 25	10 56	0 54	17 32	2 9	7 38	0 37	3 50
W19	20 32	26 1	4 1	22 16	0 59	22 30	0 18	20 55	0 25	10 52	0 54	17 32	2 9	7 38	0 37	3 50
T 20	20 19	22 7	3 2	22 21	0 50	22 22	0 20	21 2	0 24	10 47	0 54	17 33	2 9	7 39	0 37	3 50
F 21	20 7	16 44	1 49	22 26	0 41	22 14	0 23	21 9	0 24	10 42	0 53	17 34	2 10	7 39	0 37	3 50
S 22	19 54	10 22	0 30	22 29	0 33	22 5	0 25	21 16	0 23	10 37	0 53	17 35	2 10	7 40	0 37	3 50
S 23	19 40	3 31	0s51	22 32	0 24	21 55	0 27	21 22	0 22	10 32	0 53	17 36	2 10	7 40	0 37	3 50
M24	19 26	3s20	2 6	22 34	0 16	21 44	0 30	21 29	0 22	10 27	0 53	17 37	2 10	7 40	0 37	3 50
T 25	19 12	9 50	3 12	22 34	0 7	21 33	0 32	21 35	0 21	10 23	0 53	17 38	2 10	7 41	0 37	3 49
W26	18 58	15 40	4 4	22 34	0s 1	21 21	0 34	21 41	0 20	10 18	0 53	17 38	2 10	7 41	0 37	3 49
T 27	18 43	20 37	4 43	22 32	0 9	21 9	0 36	21 47	0 20	10 13	0 53	17 39	2 10	7 42	0 37	3 49
F 28	18 28	24 28	5 5	22 29	0 16	20 56	0 38	21 53	0 19	10 8	0 53	17 40	2 11	7 43	0 37	3 49
S 29	18 12	27 2	5 12	22 25	0 24	20 42	0 41	21 59	0 18	10 3	0 53	17 40	2 11	7 43	0 37	3 49
S 30	17 56	28 13	5 5	22 20	0 31	20 28	0 43	22 4	0 18	9 58	0 53	17 41	2 11	7 44	0 37	3 48
M31	17s40	28s 0	4s43	22s14	0s38	20s13	0s45	22s 9	0n17	9s53	0s53	17s42	2n11	7n44	0s37	3s48

Julian Day Number = 2671785.5, Delta T = 20m24s

Ecliptic obliquity = 23°21'48", Nutation = 0°00'05"

Ayanamsha: Fagan/Bradley = 33°10'28", Lahiri = 32°17'27"

# ASTRODIENST EPHEMERIS for the year 2603

FEBRUARY 2603

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 42 2	11°43'7"	16°34'6"	23°18'18"	4°00'00"	14°55'55"	6°52'52"	28°52'52"	21°24'24"	12°53'53"	15°52'52"	9°30'30"	10°55'55"	22°44'44"	24°44'44"	T 1
W 2	8 45 59	12°54'40"	28°44'44"	24°46'46"	5°15'15"	15°34'34"	7°5'5"	28°56'56"	21°25'25"	12°53'53"	15°52'52"	9°25'25"	10°52'52"	22°11'11"	24°4'4"	W 2
T 3	8 49 55	13°6'42"	10°36'36"	26°15'15"	6°30'30"	16°13'13"	7°19'19"	28°59'59"	21°27'27"	12°52'52"	15°52'52"	9°21'21"	10°49'49"	22°18'18"	24°7'7"	T 3
F 4	8 53 52	14°7'43"	22°24'24"	27°45'45"	7°46'46"	16°52'52"	7°33'33"	29°3'29"	21°29'29"	12°51'51"	15°52'52"	9°18'18"	10°45'45"	22°24'24"	24°10'10"	F 4
S 5	8 57 48	15°8'44"	4°11'11"	29°15'15"	9°1'1"	17°31'31"	7°47'47"	29°6'29"	21°31'31"	12°51'51"	15°53'53"	9°D17	10°42'42"	22°31'31"	24°13'13"	S 5
S 6	9 1 45	16°9'44"	15°59'59"	0°46'46"	10°17'17"	18°10'10"	8°1'1"	29°10'10"	21°32'32"	12°50'50"	15°53'53"	9°17'17"	10°39'39"	22°37'37"	24°16'16"	S 6
M 7	9 5 41	17°10'43"	27°51'51"	2°17'17"	11°32'32"	18°49'49"	8°15'15"	29°13'13"	21°34'34"	12°49'49"	15°53'53"	9°18'18"	10°36'36"	22°44'44"	24°19'19"	M 7
T 8	9 9 38	18°11'41"	9°49'49"	3°50'50"	12°47'47"	19°28'28"	8°29'29"	29°16'16"	21°36'36"	12°48'48"	15°53'53"	9°20'20"	10°33'33"	22°51'51"	24°22'22"	T 8
W 9	9 13 34	19°12'37"	21°57'57"	5°23'23"	14°3'3"	20°7'7"	8°43'43"	29°19'19"	21°38'38"	12°48'48"	15°53'53"	9°21'21"	10°30'30"	22°57'57"	24°26'26"	W 9
T 10	9 17 31	20°13'33"	4°21'21"	6°56'56"	15°18'18"	20°46'46"	8°57'57"	29°22'22"	21°40'40"	12°47'47"	15°53'53"	9°23'23"	10°26'26"	23°4'4"	24°29'29"	T 10
F 11	9 21 27	21°14'27"	17°3'3"	8°30'30"	16°33'33"	21°25'25"	9°11'11"	29°25'25"	21°42'42"	12°46'46"	15°54'54"	9°R23	10°23'23"	23°11'11"	24°32'32"	F 11
S 12	9 25 24	22°15'20"	0°11'11"	10°5'5"	17°49'49"	22°4'4"	9°25'25"	29°27'27"	21°44'44"	12°45'45"	15°54'54"	9°23'23"	10°20'20"	23°17'17"	24°35'35"	S 12
S 13	9 29 21	23°16'12"	13°38'38"	11°41'41"	19°4'4"	22°43'43"	9°39'39"	29°30'30"	21°46'46"	12°44'44"	15°54'54"	9°22'22"	10°17'17"	23°24'24"	24°39'39"	S 13
M14	9 33 17	24°17'03"	23°36'36"	13°17'17"	20°19'19"	23°23'23"	9°54'54"	29°32'32"	21°49'49"	12°43'43"	15°55'55"	9°21'21"	10°14'14"	23°31'31"	24°42'42"	M14
T 15	9 37 14	25°17'52"	12°28'28"	14°54'54"	21°35'35"	24°2'2"	10°8'8"	29°35'35"	21°51'51"	12°42'42"	15°55'55"	9°19'19"	10°10'10"	23°37'37"	24°46'46"	T 15
W16	9 41 10	26°18'40"	26°50'50"	16°32'32"	22°50'50"	24°41'41"	10°22'22"	29°37'37"	21°53'53"	12°41'41"	15°55'55"	9°17'17"	10°7'7"	23°44'44"	24°49'49"	W16
T 17	9 45 7	27°19'27"	11°25'25"	18°11'11"	24°5'5"	25°20'20"	10°36'36"	29°39'39"	21°55'55"	12°40'40"	15°56'56"	9°16'16"	10°4'4"	23°51'51"	24°52'52"	T 17
F 18	9 49 3	28°20'12"	27°11'11"	19°50'50"	25°21'21"	25°59'59"	10°51'51"	29°42'42"	21°58'58"	12°39'39"	15°56'56"	9°15'15"	10°1'1"	23°57'57"	24°56'56"	F 18
S 19	9 53 0	29°20'56"	12°17'17"	21°30'30"	26°36'36"	26°38'38"	11°5'5"	29°44'44"	22°0'0"	12°38'38"	15°56'56"	9°D15	9°58'58"	24°4'4"	24°59'59"	S 19
S 20	9 56 57	0°11'21"	27°26'26"	23°11'11"	27°51'51"	27°17'17"	11°19'19"	29°45'45"	22°2'2"	12°37'37"	15°57'57"	9°15'15"	9°55'55"	24°11'11"	25°3'3"	S 20
M21	10 0 53	1°22'21"	12°25'25"	24°53'53"	29°6'6"	27°56'56"	11°34'34"	29°47'47"	22°5'5"	12°36'36"	15°57'57"	9°16'16"	9°51'51"	24°17'17"	25°6'6"	M21
T 22	10 4 50	2°23'01"	26°28'28"	26°35'35"	0°11'21"	28°35'35"	11°48'48"	29°49'49"	22°7'7"	12°35'35"	15°58'58"	9°17'17"	9°48'48"	24°24'24"	25°10'10"	T 22
W23	10 8 46	3°23'41"	10°11'11"	28°19'19"	1°37'37"	29°14'14"	12°3'3"	29°51'51"	22°10'10"	12°33'33"	15°58'58"	9°17'17"	9°45'45"	24°31'31"	25°14'14"	W23
T 24	10 12 43	4°24'19"	23°44'44"	0°11'21"	2°52'52"	29°53'53"	12°17'17"	29°52'52"	22°12'12"	12°32'32"	15°59'59"	9°17'17"	9°42'42"	24°37'37"	25°17'17"	T 24
F 25	10 16 39	5°24'57"	6°14'14"	1°48'48"	4°7'7"	0°32'32"	12°31'31"	29°54'54"	22°15'15"	12°31'31"	15°59'59"	9°R18	9°39'39"	24°44'44"	25°21'21"	F 25
S 26	10 20 36	6°25'34"	19°22'22"	3°34'34"	5°23'23"	1°12'12"	12°46'46"	29°55'55"	22°17'17"	12°30'30"	16°0'0"	9°17'17"	9°36'36"	24°51'51"	25°24'24"	S 26
S 27	10 24 32	7°26'09"	1°34'34"	5°21'21"	6°38'38"	1°51'51"	13°0'0"	29°56'56"	22°20'20"	12°28'28"	16°1'1"	9°17'17"	9°32'32"	24°57'57"	25°28'28"	S 27
M28	10 28 29	8°26'43"	13°34'34"	7°11'11"	7°11'53"	2°30'30"	13°15'15"	29°57'57"	22°23'23"	12°27'27"	16°8'8"	9°17'17"	9°29'29"	25°33'33"	25°32'32"	M28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	17s24	26s26	4s 9	22s 6	0s45	19s57	0s47	22s15	0n16	9s47	0s53	17s42	2n11	7n45	0s37	3s48
W 2	17 7	23 41	3 25	21 57	0 52	19 41	0 49	22 19	0 16	9 42	0 53	17 43	2 12	7 46	0 37	3 47
T 3	16 50	19 57	2 31	21 47	0 58	19 24	0 51	22 24	0 15	9 37	0 53	17 44	2 12	7 46	0 37	3 47
F 4	16 32	15 27	1 32	21 36	1 5	19 7	0 53	22 29	0 14	9 32	0 53	17 44	2 12	7 47	0 37	3 47
S 5	16 15	10 23	0 28	21 24	1 11	18 49	0 55	22 33	0 13	9 27	0 53	17 45	2 12	7 48	0 37	3 47
S 6	15 57	4 57	0n37	21 10	1 16	18 31	0 56	22 38	0 13	9 22	0 53	17 45	2 12	7 48	0 37	3 46
M 7	15 38	0n41	1 41	20 55	1 22	18 12	0 58	22 42	0 12	9 17	0 53	17 46	2 12	7 49	0 37	3 46
T 8	15 20	6 20	2 41	20 39	1 27	17 53	1 0	22 46	0 11	9 11	0 53	17 46	2 13	7 50	0 37	3 46
W 9	15 1	11 51	3 35	20 21	1 32	17 33	1 2	22 49	0 11	9 6	0 53	17 47	2 13	7 51	0 37	3 45
T 10	14 42	17 0	4 19	20 2	1 36	17 12	1 3	22 53	0 10	9 1	0 53	17 47	2 13	7 51	0 36	3 45
F 11	14 22	21 33	4 53	19 42	1 41	16 51	1 5	22 56	0 9	8 56	0 53	17 47	2 13	7 52	0 36	3 44
S 12	14 3	25 12	5 13	19 21	1 45	16 30	1 6	22 59	0 8	8 50	0 53	17 48	2 13	7 53	0 36	3 44
S 13	13 43	27 35	5 16	18 58	1 49	16 8	1 8	23 2	0 7	8 45	0 53	17 48	2 14	7 54	0 36	3 44
M14	13 23	28 21	5 1	18 34	1 52	15 46	1 9	23 5	0 7	8 40	0 53	17 49	2 14	7 55	0 36	3 43
T 15	13 3	27 15	4 27	18 9	1 55	15 23	1 11	23 8	0 6	8 34	0 53	17 49	2 14	7 55	0 36	3 43
W16	12 42	24 14	3 34	17 42	1 58	15 0	1 12	23 10	0 5	8 29	0 53	17 49	2 14	7 56	0 36	3 42
T 17	12 22	19 30	2 26	17 14	2 0	14 36	1 13	23 13	0 4	8 23	0 53	17 49	2 14	7 57	0 36	3 42
F 18	12 1	13 27	1 7	16 45	2 2	14 12	1 15	23 15	0 3	8 18	0 53	17 50	2 15	7 58	0 36	3 42
S 19	11 40	6 37	0s18	16 15	2 4	13 48	1 16	23 17	0 3	8 13	0 53	17 50	2 15	7 59	0 36	3 41
S 20	11 19	0s30	1 39	15 43	2 5	13 23	1 17	23 18	0 2	8 7	0 54	17 50	2 15	8 0	0 36	3 41
M21	10 57	7 27	2 53	15 10	2 6	12 58	1 18	23 20	0 1	8 2	0 54	17 50	2 15	8 1	0 36	3 40
T 22	10 36	13 48	3 53	14 36	2 7	12 32	1 19	23 21	0 0	7 56	0 54	17 51	2 15	8 2	0 36	3 40
W23	10 14	19 16	4 38	14 0	2 7	12 7	1 20	23 23	0s 1	7 51	0 54	17 51	2 16	8 3	0 36	3 39
T 24	9 52	23 35	5 6	13 23	2 6	11 40	1 21	23 24	0 2	7 45	0 54	17 51	2 16	8 4	0 36	3 39
F 25	9 30	26 35	5 18	12 45	2 6	11 14	1 22	23 24	0 3	7 40	0 54	17 51	2 16	8 5	0 36	3 38
S 26	9 8	28 8	5 13	12 6	2 4	10 47	1 22	23 25	0 3	7 35	0 54	17 51	2 16	8 6	0 36	3 38
S 27	8 45	28 15	4 54	11 25	2 3	10 20	1 23	23 25	0 4	7 29	0 54	17 51	2 16	8 7	0 36	3 37
M28	8s23	27s 0	4s22	10s44	2s 1	9s53	1s24	23s26	0s 5	7s24	0s54	17s51	2n17	8n 8	0s36	3s37

Julian Day Number = 2671816.5, Delta T = 20m24s  
 Ecliptic obliquity = 23°21'48", Nutation = 0°00'07"  
 Ayanamsha: Fagan/Bradley = 33°10'32", Lahiri = 32°17'32"

## ASTRODIENST EPHEMERIS for the year 2603

MARCH 2603

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 32 26	9♂27'16	25♂45	8♂57	9♂ 8	3♂ 9	13♂29	29♂58	22♂25	12°R26	16♂ 2	9°D17	9♂26	25♂10	25♂35	T 1
W 2	10 36 22	10°27'47	7♂36	10°47	10°23	3°48	13°44	29°59	22°28	12°25	16° 2	9°17	9°23	25°17	25°39	W 2
T 3	10 40 19	11°28'18	19°33	12°37	11°38	4°27	13°58	0♂ 0	22°31	12°23	16° 3	9°17	9°20	25°24	25°43	T 3
F 4	10 44 15	12°28'46	1♂10	14°28	12°54	5° 6	14°13	0° 1	22°34	12°22	16° 4	9°18	9°16	25°30	25°46	F 4
S 5	10 48 12	13°29'13	12°59	16°20	14° 9	5°45	14°27	0° 1	22°36	12°20	16° 5	9°R18	9°13	25°37	25°50	S 5
S 6	10 52 8	14°29'39	24°53	18°12	15°24	6°24	14°42	0° 2	22°39	12°19	16° 5	9°17	9°10	25°44	25°54	S 6
M 7	10 56 5	15°30'02	6♂53	20° 5	16°39	7° 3	14°56	0° 2	22°42	12°18	16° 6	9°17	9° 7	25°50	25°58	M 7
T 8	11 0 1	16°30'24	19° 1	21°59	17°54	7°42	15°11	0° 3	22°45	12°16	16° 7	9°16	9° 4	25°57	26° 1	T 8
W 9	11 3 58	17°30'45	1♂19	23°53	19° 9	8°21	15°25	0° 3	22°48	12°15	16° 7	9°15	9° 1	26° 4	26° 5	W 9
T 10	11 7 54	18°31'03	13°51	25°47	20°24	9° 0	15°40	0°R 3	22°51	12°13	16° 8	9°14	8°57	26°10	26° 9	T 10
F 11	11 11 51	19°31'20	26°37	27°41	21°39	9°39	15°54	0° 3	22°54	12°12	16° 9	9°13	8°54	26°17	26°13	F 11
S 12	11 15 48	20°31'34	9♂42	29°35	22°54	10°18	16° 9	0° 3	22°57	12°10	16°10	9°12	8°51	26°24	26°16	S 12
S 13	11 19 44	21°31'47	23° 6	1♂29	24° 9	10°57	16°23	0° 2	23° 0	12° 9	16°11	9°D12	8°48	26°30	26°20	S 13
M14	11 23 41	22°31'58	6♂52	3°22	25°24	11°36	16°37	0° 2	23° 3	12° 7	16°12	9°12	8°45	26°37	26°24	M14
T 15	11 27 37	23°32'06	21° 0	5°15	26°39	12°15	16°52	0° 2	23° 6	12° 6	16°13	9°13	8°42	26°44	26°28	T 15
W16	11 31 34	24°32'13	5♂30	7° 6	27°54	12°54	17° 6	0° 1	23° 9	12° 4	16°13	9°14	8°38	26°50	26°31	W16
T 17	11 35 30	25°32'17	20°17	8°55	29° 9	13°33	17°21	0° 1	23°12	12° 3	16°14	9°15	8°35	26°57	26°35	T 17
F 18	11 39 27	26°32'19	5♂16	10°42	0♂24	14°12	17°35	29♂59	23°15	12° 1	16°15	9°R16	8°32	27° 3	26°39	F 18
S 19	11 43 23	27°32'19	20°20	12°27	1°39	14°50	17°50	29°59	23°18	11°59	16°16	9°15	8°29	27°10	26°43	S 19
S 20	11 47 20	28°32'18	5♂19	14° 8	2°54	15°29	18° 4	29°58	23°22	11°58	16°17	9°14	8°26	27°17	26°47	S 20
M21	11 51 17	29°32'14	20° 6	15°46	4° 9	16° 8	18°18	29°57	23°25	11°56	16°18	9°12	8°22	27°23	26°50	M21
T 22	11 55 13	0♂32'09	4♂33	17°20	5°24	16°47	18°33	29°56	23°28	11°55	16°19	9° 9	8°19	27°30	26°54	T 22
W23	11 59 10	1°32'02	18°34	18°49	6°38	17°26	18°47	29°55	23°31	11°53	16°20	9° 6	8°16	27°37	26°58	W23
T 24	12 3 6	2°31'54	2♂ 9	20°13	7°53	18° 5	19° 1	29°53	23°35	11°51	16°21	9° 3	8°13	27°43	27° 2	T 24
F 25	12 7 3	3°31'43	15°16	21°32	9° 8	18°44	19°16	29°52	23°38	11°50	16°22	9° 1	8°10	27°50	27° 5	F 25
S 26	12 10 59	4°31'32	27°59	22°44	10°23	19°22	19°30	29°50	23°41	11°48	16°23	9° 0	8° 7	27°57	27° 9	S 26
S 27	12 14 56	5°31'18	10♂21	23°50	11°37	20° 1	19°44	29°49	23°44	11°46	16°24	8°D59	8° 3	28° 3	27°13	S 27
M28	12 18 52	6°31'03	22°27	24°49	12°52	20°40	19°58	29°47	23°48	11°45	16°25	9° 0	8° 0	28°10	27°17	M28
T 29	12 22 49	7°30'46	4♂22	25°41	14° 7	21°19	20°12	29°45	23°51	11°43	16°27	9° 2	7°57	28°17	27°20	T 29
W30	12 26 46	8°30'28	16°10	26°25	15°22	21°57	20°27	29°43	23°54	11°41	16°28	9° 4	7°54	28°23	27°24	W30
T 31	12 30 42	9♂30'07	27♂56	27♂ 2	16♂36	22♂36	20♂41	29♂41	23♂58	11♂40	16♂29	9♂ 5	7♂51	28♂30	27♂28	T 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	8s 0	24s31	3s39	10s 1	1s58	9s25	1s24	23s26	0s 6	7s18	0s54	17s51	2n17	8n 9	0s36	3s36	1n24	1n 6	16s 8	8s 4	8s 0	14s17	1n33	3n35						
W 2	7 37	21 1	2 47	9 16	1 55	8 57	1 25	23 26	0 7	7 13	0 54	17 51	2 17	8 10	0 36	3 36	1 24	1 6	16 8	8 4	8 2	14 14	1 34	3 35						
T 3	7 14	16 41	1 48	8 31	1 51	8 29	1 25	23 25	0 8	7 7	0 54	17 51	2 17	8 11	0 36	3 35	1 24	1 7	16 7	8 4	8 3	14 11	1 35	3 35						
F 4	6 51	11 44	0 45	7 45	1 47	8 1	1 26	23 25	0 9	7 1	0 54	17 51	2 17	8 12	0 36	3 34	1 24	1 7	16 7	8 4	8 4	14 8	1 37	3 35						
S 5	6 28	6 21	0n21	6 57	1 42	7 32	1 26	23 24	0 10	6 56	0 54	17 51	2 18	8 13	0 36	3 34	1 25	1 8	16 7	8 4	8 5	14 5	1 38	3 35						
S 6	6 5	0 43	1 26	6 8	1 37	7 4	1 26	23 24	0 11	6 50	0 54	17 51	2 18	8 14	0 36	3 33	1 25	1 8	16 6	8 4	8 6	14 2	1 39	3 35						
M 7	5 42	4n59	2 27	5 19	1 31	6 35	1 26	23 23	0 12	6 45	0 54	17 51	2 18	8 15	0 36	3 33	1 25	1 9	16 6	8 4	8 8	13 59	1 41	3 34						
T 8	5 19	10 33	3 23	4 28	1 24	6 6	1 26	23 21	0 13	6 39	0 54	17 51	2 18	8 16	0 36	3 32	1 25	1 9	16 6	8 4	8 9	13 56	1 42	3 34						
W 9	4 55	15 49	4 11	3 37	1 17	5 36	1 26	23 20	0 14	6 34	0 54	17 50	2 18	8 17	0 36	3 31	1 25	1 10	16 5	8 5	8 10	13 53	1 44	3 34						
T 10	4 32	20 30	4 47	2 44	1 10	5 7	1 26	23 18	0 15	6 28	0 54	17 50	2 19	8 18	0 36	3 31	1 25	1 10	16 5	8 5	8 11	13 50	1 45	3 34						
F 11	4 8	24 21	5 10	1 51	1 1	4 37	1 26	23 17	0 16	6 23	0 54	17 50	2 19	8 19	0 36	3 30	1 25	1 11	16 5	8 6	8 12	13 47	1 46	3 34						
S 12	3 45	27 4	5 17	0 58	0 52	4 8	1 26	23 15	0 17	6 17	0 54	17 50	2 19	8 21	0 36	3 30	1 25	1 11	16 4	8 6	8 14	13 44	1 48	3 34						
S 13	3 21	28 19	5 8	0 4	0 43	3 38	1 26	23 13	0 18	6 12	0 54	17 50	2 19	8 22	0 36	3 29	1 25	1 12	16 4	8 6	8 15	13 40	1 49	3 34						
M14	2 57	27 52	4 41	0n50	0 33	3 8	1 26	23 11	0 19	6 6	0 54	17 49	2 19	8 23	0 36	3 28	1 25	1 12	16 4	8 6	8 16	13 37	1 51	3 34						
T 15	2 34	25 38	3 57	1 44	0 22	2 38	1 25	23 8	0 20	6 1	0 55	17 49	2 20	8 24	0 36	3 28	1 25	1 13	16 4	8 5	8 17	13 34	1 52	3 34						
W16	2 10	21 41	2 56	2 38	0 11	2 8	1 25	23 6	0 21	5 55	0 55	17 49	2 20	8 25	0 36	3 27	1 25	1 13	16 3	8 5	8 18	13 31	1 54	3 34						
T 17	1 46	16 19	1 43	3 32	0n 0	1 38	1 25	23 3	0 22	5 49	0 55	17 48	2 20	8 26	0 36	3 27	1 25	1 14	16 3	8 5	8 19	13 28	1 55	3 34						
F 18	1 22	9 54	0 22	4 25	0 12	1 8	1 24	23 0	0 23	5 44	0 55	17 48	2 20	8 27	0 36	3 26	1 25	1 14	16 3	8 4	8 21	13 25	1 56	3 34						
S 19	0 59	2 53	1s 1	5 17	0 25	0 37	1 24	22 57	0 25	5 38	0 55	17 48	2 20	8 29	0 36	3 25	1 25	1 15	16 3	8 4	8 22	13 22	1 58	3 33						
S 20	0 35	4s14	2 19	6 8	0 37	0 7	1 23	22 54	0 26	5 33	0 55	17 47	2 20	8 30	0 36	3 25	1 25	1 15	16 2	8 5	8 23	13 19	1 59	3 33						
M21	0 11	11 2	3 27	6 58	0 50	0n23	1 22	22 50	0 27	5 27	0 55	17 47	2 21	8 31	0 36	3 24	1 25	1 16	16 2	8 6	8 24	13 16	2 1	3 33						
T 22	0n13	17 4	4 20	7 46	1 3	0 53	1 21	22 47	0 28	5 22	0 55	17 47	2 21	8 32	0 35	3 23	1 25	1 16	16 2	8 7	8 25	13 13	2 2	3 33						
W23	0 36	22 1	4 55	8 32	1 17	1 24	1 21	22 43	0 29	5 16	0 55	17 46	2 21	8 33	0 35	3 23	1 25	1 17	16 2	8 8	8 27	13 10	2 4	3 33						
T 24	1 0	25 38	5 13	9 16	1 30	1 54	1 20	22 39	0 30	5 11	0 55	17 46	2 21	8 35	0 35	3 22	1 25	1 17	16 1	8 9	8 28	13 7	2 5	3 33						
F 25	1 24	27 44	5 13	9 57	1 42	2 24	1 19	22 35	0 31	5 5	0 55	17 45	2 21	8 36	0 35	3 21	1 25	1 18	16 1	8 10	8 29	13 3	2 7	3 33						
S 26	1 48	28 19	4 58	10 36	1 55	2 54	1 18	22 30	0 33	5 0	0 55	17 45	2 22	8 37	0 35	3 21	1 25	1 18	16 1	8 10	8 30	13 0	2 8	3 33						
S 27	2 11	27 26	4 29	11 12	2 7	3 24	1 17	22 26	0 34	4 54	0 55	17 44	2 22	8 38	0 35	3 20	1 25	1 19	16 1	8 10	8 31	12 57	2 9	3 33						
M28	2 35	25 16	3 49	11 44	2 19	3 54	1 16	22 21	0 35	4 49	0 56	17 44	2 22	8 39	0 35	3 19	1 25	1 19	16 0	8 10	8 33	12 54	2 11	3 33						
T 29	2 58	22 1	2 59	12 14	2 30	4 24	1 14	22 17	0 36	4 43	0 56	17 43	2 22	8 41	0 35	3 19	1 25	1 20	16 0	8 9	8 34	12 51	2 12	3 33						
W30	3 22	17 53	2 3	12 39	2 40	4 54	1 13	22 12	0 38	4 38	0 56	17 43	2 22	8 42	0 35	3 18	1 25	1 20	16 0	8 9	8 35	12 48	2 14	3 33						
T 31	3n45	13s 6	1s 1	13n 1	2n50	5n24	1s12	22s 7	0s39	4s32	0s56	17s42	2n22	8n43	0s35	3s18	1n25	1n21	16s 0	8s 8	8s36	12s45	2n15	3n33						

# ASTRODIENST EPHEMERIS for the year 2603

APRIL 2603

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 34 39	10°Y29'45	9°H45	27°Y30	17°Y51	23°Z15	20°H55	29°R39	24°Y1	11°R38	16°Z30	9°R6	7°H47	28°Z37	27°H32	F 1
S 2	12 38 35	11°29'21	21°38	27°51	19°6	23°54	21°9	29°M37	24°4	11°Z36	16°31	9°H5	7°44	28°43	27°35	S 2
S 3	12 42 32	12°28'55	3°Y40	28°3	20°20	24°32	21°23	29°35	24°8	11°35	16°32	9°3	7°41	28°50	27°39	S 3
M 4	12 46 28	13°28'27	15°52	28°R8	21°35	25°11	21°37	29°32	24°11	11°33	16°33	8°58	7°38	28°56	27°43	M 4
T 5	12 50 25	14°27'57	28°16	28°5	22°49	25°49	21°51	29°30	24°14	11°31	16°34	8°53	7°35	29°3	27°46	T 5
W 6	12 54 21	15°27'25	10°Z51	27°54	24°4	26°28	22°5	29°27	24°18	11°30	16°36	8°47	7°32	29°10	27°50	W 6
T 7	12 58 18	16°26'51	23°40	27°37	25°18	27°7	22°19	29°25	24°21	11°28	16°37	8°40	7°28	29°16	27°54	T 7
F 8	13 2 15	17°26'15	6°H41	27°12	26°33	27°45	22°32	29°22	24°25	11°26	16°38	8°34	7°25	29°23	27°57	F 8
S 9	13 6 11	18°25'36	19°56	26°42	27°47	28°24	22°46	29°19	24°28	11°25	16°39	8°29	7°22	29°30	28°1	S 9
S 10	13 10 8	19°24'56	3°Z25	26°7	29°2	29°2	23°0	29°16	24°31	11°23	16°41	8°26	7°19	29°36	28°4	S 10
M11	13 14 4	20°24'13	17°8	25°27	0°Z16	29°40	23°14	29°13	24°35	11°22	16°42	8°D25	7°16	29°43	28°8	M11
T 12	13 18 1	21°23'28	1°Z5	24°43	1°31	0°Z19	23°27	29°10	24°38	11°20	16°43	8°25	7°13	29°50	28°12	T 12
W13	13 21 57	22°22'40	15°17	23°57	2°45	0°57	23°41	29°7	24°42	11°18	16°44	8°26	7°9	29°56	28°15	W13
T 14	13 25 54	23°21'50	29°42	23°9	3°59	1°35	23°54	29°4	24°45	11°17	16°46	8°27	7°6	0°H3	28°19	T 14
F 15	13 29 50	24°20'58	14°H17	22°20	5°14	2°14	24°8	29°1	24°49	11°15	16°47	8°R28	7°3	0°10	28°22	F 15
S 16	13 33 47	25°20'03	28°58	21°32	6°28	2°52	24°21	28°57	24°52	11°13	16°48	8°26	7°0	0°16	28°26	S 16
S 17	13 37 44	26°19'06	13°Z38	20°44	7°42	3°30	24°35	28°54	24°55	11°12	16°49	8°22	6°57	0°23	28°29	S 17
M18	13 41 40	27°18'07	28°11	19°59	8°56	4°8	24°48	28°51	24°59	11°10	16°51	8°16	6°53	0°29	28°32	M18
T 19	13 45 37	28°17'07	12°M31	19°17	10°11	4°47	25°1	28°47	25°2	11°9	16°52	8°8	6°50	0°36	28°36	T 19
W20	13 49 33	29°16'04	26°30	18°37	11°25	5°25	25°15	28°43	25°6	11°7	16°53	8°0	6°47	0°43	28°39	W20
T 21	13 53 30	0°Z15'00	10°Z6	18°2	12°39	6°3	25°28	28°40	25°9	11°6	16°55	7°52	6°44	0°49	28°43	T 21
F 22	13 57 26	1°13'54	23°16	17°31	13°53	6°41	25°41	28°36	25°13	11°4	16°56	7°44	6°41	0°56	28°46	F 22
S 23	14 1 23	2°12'46	6°Z3	17°6	15°7	7°19	25°54	28°32	25°16	11°3	16°57	7°39	6°38	1°3	28°49	S 23
S 24	14 5 19	3°11'36	18°28	16°45	16°21	7°57	26°7	28°28	25°19	11°1	16°59	7°36	6°34	1°9	28°52	S 24
M25	14 9 16	4°10'25	0°Z36	16°29	17°35	8°35	26°20	28°25	25°23	11°0	17°0	7°D34	6°31	1°16	28°56	M25
T 26	14 13 13	5°9'12	12°32	16°18	18°49	9°13	26°33	28°21	25°26	10°58	17°1	7°35	6°28	1°23	28°59	T 26
W27	14 17 9	6°7'57	24°21	16°13	20°3	9°51	26°46	28°17	25°30	10°57	17°3	7°36	6°25	1°29	29°2	W27
T 28	14 21 6	7°6'40	6°H8	16°D13	21°17	10°28	26°59	28°13	25°33	10°55	17°4	7°R36	6°22	1°36	29°5	T 28
F 29	14 25 2	8°5'22	17°59	16°18	22°31	11°6	27°11	28°9	25°36	10°54	17°5	7°36	6°19	1°43	29°8	F 29
S 30	14 28 59	9°Z4'02	29°H57	16°Y28	23°Z45	11°Z44	27°H24	28°M4	25°Y40	10°Z52	17°Z7	7°H33	6°H15	1°H49	29°H11	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	4n 9	7s50	0n 4	13n19	2n58	5n54	1s10	22s 2	0s40	4s27	0s56	17s41	2n23	8n44	0s35	3s17
S 2	4 32	2 16	1 8	13 34	3 5	6 23	1 9	21 56	0 41	4 21	0 56	17 41	2 23	8 46	0 35	3 16
S 3	4 55	3n27	2 10	13 44	3 11	6 53	1 8	21 51	0 43	4 16	0 56	17 40	2 23	8 47	0 35	3 16
M 4	5 18	9 7	3 7	13 50	3 16	7 22	1 6	21 45	0 44	4 11	0 56	17 39	2 23	8 48	0 35	3 15
T 5	5 41	14 30	3 56	13 52	3 19	7 51	1 5	21 39	0 45	4 5	0 56	17 39	2 23	8 49	0 35	3 14
W 6	6 4	19 23	4 35	13 49	3 21	8 20	1 3	21 33	0 47	4 0	0 56	17 38	2 23	8 51	0 35	3 14
T 7	6 27	23 28	5 0	13 43	3 21	8 49	1 1	21 27	0 48	3 55	0 57	17 37	2 24	8 52	0 35	3 13
F 8	6 50	26 27	5 10	13 32	3 19	9 17	1 0	21 21	0 49	3 49	0 57	17 37	2 24	8 53	0 35	3 12
S 9	7 12	28 2	5 4	13 18	3 16	9 45	0 58	21 15	0 51	3 44	0 57	17 36	2 24	8 54	0 35	3 12
S 10	7 35	28 1	4 42	13 0	3 10	10 13	0 56	21 8	0 52	3 39	0 57	17 35	2 24	8 56	0 35	3 11
M11	7 57	26 17	4 3	12 39	3 3	10 41	0 54	21 1	0 53	3 33	0 57	17 34	2 24	8 57	0 35	3 10
T 12	8 19	22 55	3 9	12 15	2 55	11 9	0 52	20 55	0 55	3 28	0 57	17 34	2 24	8 58	0 35	3 10
W13	8 41	18 9	2 2	11 49	2 45	11 36	0 50	20 48	0 56	3 23	0 57	17 33	2 24	8 59	0 35	3 9
T 14	9 3	12 17	0 47	11 21	2 33	12 3	0 48	20 41	0 58	3 17	0 57	17 32	2 24	9 1	0 35	3 9
F 15	9 25	5 41	0s32	10 51	2 21	12 30	0 46	20 34	0 59	3 12	0 57	17 31	2 25	9 2	0 35	3 8
S 16	9 46	1s15	1 49	10 20	2 7	12 56	0 44	20 26	1 1	3 7	0 58	17 31	2 25	9 3	0 35	3 7
S 17	10 8	8 6	2 58	9 48	1 52	13 22	0 42	20 19	1 2	3 2	0 58	17 30	2 25	9 4	0 35	3 7
M18	10 29	14 28	3 56	9 17	1 36	13 48	0 40	20 11	1 4	2 57	0 58	17 29	2 25	9 6	0 35	3 6
T 19	10 50	19 56	4 37	8 46	1 20	14 14	0 38	20 4	1 5	2 52	0 58	17 28	2 25	9 7	0 35	3 5
W20	11 11	24 11	5 1	8 16	1 4	14 39	0 36	19 56	1 7	2 46	0 58	17 27	2 25	9 8	0 35	3 5
T 21	11 31	26 57	5 7	7 47	0 47	15 3	0 33	19 48	1 8	2 41	0 58	17 26	2 25	9 9	0 35	3 4
F 22	11 52	28 7	4 56	7 20	0 31	15 28	0 31	19 40	1 10	2 36	0 58	17 25	2 25	9 11	0 35	3 4
S 23	12 12	27 44	4 30	6 55	0 14	15 52	0 29	19 32	1 11	2 31	0 59	17 24	2 25	9 12	0 35	3 3
S 24	12 32	25 56	3 53	6 32	0s 2	16 15	0 26	19 24	1 13	2 26	0 59	17 24	2 25	9 13	0 35	3 2
M25	12 52	22 58	3 5	6 11	0 18	16 38	0 24	19 15	1 14	2 21	0 59	17 23	2 25	9 14	0 35	3 2
T 26	13 12	19 5	2 10	5 53	0 33	17 1	0 22	19 7	1 16	2 16	0 59	17 22	2 26	9 16	0 35	3 1
W27	13 31	14 28	1 11	5 38	0 48	17 23	0 19	18 58	1 18	2 11	0 59	17 21	2 26	9 17	0 35	3 1
T 28	13 51	9 21	0 8	5 25	1 2	17 45	0 17	18 50	1 19	2 6	0 59	17 20	2 26	9 18	0 35	3 0
F 29	14 10	3 53	0n55	5 14	1 15	18 7	0 14	18 41	1 21	2 1	0 59	17 19	2 26	9 19	0 35	3 0
S 30	14n28	1n46	1n57	5n 6	1s27	18n28	0s12	18s32	1s23	1s57	1s 0	17s18	2n26	9n21	0s35	2s59

Julian Day Number = 2671875.5, Delta T = 20m25s  
 Ecliptic obliquity = 23°21'48, Nutation = 0°00'06  
 Ayanamsha: Fagan/Bradley = 33°10'40, Lahiri = 32°17'40

## ASTRODIENST EPHEMERIS for the year 2603

MAY 2603

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 32 55	10♈ 2'40	12♈ 8	16♈43	24♈59	12♈21	27♈36	28°R 0	25♈43	10°R51	17♈ 8	7°R28	6♈12	1♈56	29♈15	S 1
M 2	14 36 52	11° 1'16	24°32	17° 3	26°13	12°59	27°49	27♈56	25°46	10♈49	17° 9	7♈20	6° 9	2° 3	29°18	M 2
T 3	14 40 48	11°59'51	7♈12	17°27	27°27	13°36	28° 1	27°52	25°50	10°48	17°11	7°11	6° 6	2° 9	29°21	T 3
W 4	14 44 45	12°58'24	20° 8	17°55	28°41	14°14	28°14	27°48	25°53	10°47	17°12	7° 0	6° 3	2°16	29°23	W 4
T 5	14 48 41	13°56'55	3♈18	18°28	29°55	14°51	28°26	27°43	25°56	10°45	17°13	6°48	5°59	2°22	29°26	T 5
F 6	14 52 38	14°55'24	16°42	19° 5	1♈ 9	15°28	28°38	27°39	26° 0	10°44	17°15	6°37	5°56	2°29	29°29	F 6
S 7	14 56 35	15°53'52	0♈18	19°45	2°22	16° 6	28°50	27°34	26° 3	10°43	17°16	6°29	5°53	2°36	29°32	S 7
S 8	15 0 31	16°52'17	14° 2	20°30	3°36	16°43	29° 2	27°30	26° 6	10°41	17°18	6°22	5°50	2°42	29°35	S 8
M 9	15 4 28	17°50'40	27°55	21°17	4°50	17°20	29°14	27°26	26° 9	10°40	17°19	6°18	5°47	2°49	29°38	M 9
T 10	15 8 24	18°49'01	11♈54	22° 8	6° 3	17°57	29°26	27°21	26°13	10°39	17°20	6°17	5°44	2°56	29°41	T 10
W 11	15 12 21	19°47'20	25°59	23° 3	7°17	18°34	29°38	27°17	26°16	10°38	17°22	6°D17	5°40	3° 2	29°43	W 11
T 12	15 16 17	20°45'36	10♈ 9	24° 0	8°31	19°11	29°49	27°12	26°19	10°37	17°23	6°R17	5°37	3° 9	29°46	T 12
F 13	15 20 14	21°43'51	24°23	25° 0	9°44	19°47	0♈ 1	27° 8	26°22	10°35	17°24	6°16	5°34	3°16	29°49	F 13
S 14	15 24 11	22°42'03	8♈39	26° 4	10°58	20°24	0°12	27° 3	26°25	10°34	17°26	6°13	5°31	3°22	29°51	S 14
S 15	15 28 7	23°40'14	22°53	27°10	12°11	21° 1	0°24	26°59	26°29	10°33	17°27	6° 7	5°28	3°29	29°54	S 15
M 16	15 32 4	24°38'23	7♈ 2	28°18	13°25	21°37	0°35	26°54	26°32	10°32	17°29	5°58	5°25	3°36	29°56	M 16
T 17	15 36 0	25°36'30	21° 0	29°29	14°38	22°14	0°46	26°50	26°35	10°31	17°30	5°48	5°21	3°42	29°59	T 17
W 18	15 39 57	26°34'36	4♈44	0♈43	15°52	22°50	0°57	26°45	26°38	10°30	17°31	5°36	5°18	3°49	0♈ 1	W 18
T 19	15 43 53	27°32'40	18° 9	1°59	17° 5	23°26	1° 8	26°41	26°41	10°29	17°33	5°24	5°15	3°55	0° 4	T 19
F 20	15 47 50	28°30'42	1♈13	3°18	18°19	24° 3	1°19	26°36	26°44	10°28	17°34	5°13	5°12	4° 2	0° 6	F 20
S 21	15 51 46	29°28'43	13°56	4°39	19°32	24°39	1°30	26°32	26°47	10°27	17°35	5° 4	5° 9	4° 9	0° 8	S 21
S 22	15 55 43	0♈26'43	26°21	6° 2	20°45	25°15	1°41	26°27	26°50	10°26	17°37	4°58	5° 5	4°15	0°10	S 22
M 23	15 59 40	1°24'41	8♈29	7°28	21°59	25°51	1°51	26°23	26°53	10°25	17°38	4°54	5° 2	4°22	0°13	M 23
T 24	16 3 36	2°22'38	20°25	8°55	23°12	26°26	2° 2	26°18	26°56	10°24	17°39	4°53	4°59	4°29	0°15	T 24
W 25	16 7 33	3°20'33	2♈15	10°25	24°25	27° 2	2°12	26°14	26°59	10°23	17°41	4°52	4°56	4°35	0°17	W 25
T 26	16 11 29	4°18'28	14° 3	11°57	25°38	27°38	2°22	26° 9	27° 2	10°23	17°42	4°52	4°53	4°42	0°19	T 26
F 27	16 15 26	5°16'21	25°56	13°31	26°51	28°13	2°33	26° 5	27° 5	10°22	17°43	4°51	4°50	4°49	0°21	F 27
S 28	16 19 22	6°14'13	7♈58	15° 8	28° 5	28°48	2°43	26° 0	27° 7	10°21	17°45	4°49	4°46	4°55	0°23	S 28
S 29	16 23 19	7°12'03	20°14	16°46	29°18	29°24	2°53	25°56	27°10	10°20	17°46	4°43	4°43	5° 2	0°25	S 29
M 30	16 27 15	8° 9'53	2♈48	18°27	0♈31	29°59	3° 2	25°51	27°13	10°19	17°47	4°35	4°40	5° 9	0°27	M 30
T 31	16 31 12	9♈ 7'41	15♈41	20♈10	1♈44	0♈34	3♈12	25♈47	27♈16	10♈19	17♈48	4♈25	4♈37	5♈15	0♈29	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	14n47	7n27	2n54	5n 1	1s39	18n48	0s10	18s23	1s24	1s52	1s 0	17s17	2n26	9n22	0s35	2s59
M 2	15 5	12 56	3 43	4 58	1 50	19 8	0 7	18 14	1 26	1 47	1 0	17 16	2 26	9 23	0 35	2 58
T 3	15 23	18 0	4 23	4 58	2 1	19 27	0 4	18 5	1 28	1 42	1 0	17 15	2 26	9 24	0 35	2 58
W 4	15 41	22 22	4 50	5 0	2 10	19 46	0 2	17 56	1 29	1 37	1 0	17 14	2 26	9 25	0 35	2 57
T 5	15 59	25 41	5 2	5 4	2 19	20 5	0n 1	17 47	1 31	1 33	1 0	17 13	2 26	9 27	0 35	2 57
F 6	16 16	27 39	4 58	5 11	2 27	20 22	0 3	17 38	1 33	1 28	1 0	17 12	2 26	9 28	0 35	2 56
S 7	16 33	27 59	4 37	5 19	2 34	20 40	0 6	17 28	1 35	1 23	1 1	17 11	2 26	9 29	0 35	2 56
S 8	16 49	26 36	4 0	5 30	2 40	20 56	0 8	17 19	1 37	1 19	1 1	17 10	2 26	9 30	0 35	2 55
M 9	17 6	23 36	3 9	5 43	2 46	21 13	0 11	17 9	1 38	1 14	1 1	17 9	2 26	9 31	0 35	2 55
T 10	17 22	19 11	2 6	5 57	2 51	21 28	0 13	17 0	1 40	1 10	1 1	17 8	2 26	9 32	0 35	2 54
W 11	17 38	13 40	0 54	6 13	2 55	21 43	0 16	16 50	1 42	1 5	1 1	17 7	2 26	9 34	0 35	2 54
T 12	17 53	7 25	0s21	6 31	2 59	21 57	0 18	16 40	1 44	1 1	1 2	17 6	2 26	9 35	0 35	2 53
F 13	18 8	0 47	1 34	6 50	3 2	22 11	0 21	16 30	1 46	0 56	1 2	17 5	2 26	9 36	0 35	2 53
S 14	18 23	5s54	2 42	7 11	3 4	22 24	0 24	16 21	1 48	0 52	1 2	17 4	2 26	9 37	0 35	2 52
S 15	18 38	12 17	3 40	7 33	3 5	22 37	0 26	16 11	1 50	0 48	1 2	17 3	2 26	9 38	0 35	2 52
M 16	18 52	17 58	4 4	7 56	3 6	22 49	0 29	16 1	1 52	0 43	1 2	17 2	2 26	9 39	0 35	2 52
T 17	19 6	22 38	4 51	8 21	3 6	23 0	0 31	15 51	1 53	0 39	1 2	17 1	2 26	9 40	0 35	2 51
W 18	19 20	25 56	5 1	8 47	3 6	23 10	0 34	15 41	1 55	0 35	1 3	17 0	2 26	9 41	0 35	2 51
T 19	19 33	27 42	4 53	9 14	3 5	23 20	0 36	15 31	1 57	0 31	1 3	16 59	2 26	9 43	0 35	2 50
F 20	19 46	27 52	4 31	9 42	3 3	23 29	0 39	15 21	1 59	0 26	1 3	16 58	2 26	9 44	0 35	2 50
S 21	19 58	26 32	3 55	10 11	3 1	23 38	0 41	15 10	2 1	0 22	1 3	16 57	2 26	9 45	0 35	2 50
S 22	20 11	23 54	3 9	10 42	2 58	23 46	0 43	15 0	2 3	0 18	1 3	16 56	2 26	9 46	0 35	2 49
M 23	20 23	20 15	2 15	11 12	2 54	23 53	0 46	14 50	2 5	0 14	1 4	16 55	2 26	9 47	0 35	2 49
T 24	20 34	15 50	1 16	11 44	2 50	24 0	0 48	14 40	2 8	0 10	1 4	16 54	2 26	9 48	0 35	2 49
W 25	20 45	10 51	0 14	12 16	2 46	24 5	0 51	14 30	2 10	0 6	1 4	16 53	2 26	9 49	0 35	2 48
T 26	20 56	5 30	0n48	12 49	2 41	24 10	0 53	14 19	2 12	0 2	1 4	16 52	2 25	9 50	0 35	2 48
F 27	21 7	0n 4	1 49	13 23	2 35	24 15	0 55	14 9	2 14	0n 1	1 4	16 51	2 25	9 51	0 35	2 48
S 28	21 17	5 41	2 46	13 57	2 29	24 19	0 58	13 59	2 16	0 5	1 5	16 50	2 25	9 52	0 35	2 48
S 29	21 27	11 13	3 36	14 31	2 22	24 22	1 0	13 48	2 18	0 9	1 5	16 49	2 25	9 53	0 35	2 47
M 30	21 36	16 25	4 16	15 6	2 15	24 24	1 2	13 38	2 20	0 13	1 5	16 48	2 25	9 54	0 35	2 47
T 31	21n45	21n 1	4n45	15n41	2s 7	24n25	1n 4	13s28	2s23	0n16	1s 5	16s48	2n25	9n55	0s35	2s47

Julian Day Number = 2671905.5, Delta T = 20m25s

Ecliptic obliquity = 23°21'48, Nutation = 0°00'06

Ayanamsha: Fagan/Bradley = 33°10'44, Lahiri = 32°17'44



# ASTRODIENST EPHEMERIS for the year 2603

JULY 2603

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18 33 25	8°50'08	5°57' 7	23°50'44	9°12'12	17°11' 5	7°17' 7	23°R56	28°Y25	10°13'13	18°25'24	1°R28	2°11'58	8°11'41	1°11' 1	F 1
S 2	18 37 22	9°47'27	19°31' 1	25°37' 1	10°24'12	17°33' 3	7°12' 7	23°11'54	28°26'26	10°13'13	18°25'25	1°11'21	2°22'55	8°48'48	1°11' 1	S 2
S 3	18 41 18	10°44'45	4°12' 4	27°28'11	11°36'18	18°11' 1	7°17' 7	23°52'23	28°28'28	10°13'13	18°25'25	1°16'16	2°52'25	8°55'55	1°11' 1	S 3
M 4	18 45 15	11°42'03	18°40'14	29°17'12	12°48'18	18°28'18	7°22' 7	23°49'23	28°29'28	10°14'14	18°26'26	1°14'14	2°49'49	9°11'11	1°11' 1	M 4
T 5	18 49 12	12°39'20	3°11'14	1°12' 4	14°00'18	18°55'18	7°26' 7	23°47'23	28°31'28	10°14'14	18°27'27	1°D13	2°46'46	9°8'8	1°R11	T 5
W 6	18 53 8	13°36'36	17°40'24	2°48'15	15°11'19	19°22'19	7°31' 7	23°45'23	28°32'32	10°14'14	18°28'28	1°14'14	2°43'43	9°14'14	1°11' 1	W 6
T 7	18 57 5	14°33'52	1°12' 0	4°30'16	16°23'19	19°48'19	7°35' 7	23°43'23	28°33'33	10°15'15	18°29'29	1°15'15	2°39'39	9°21'21	1°11' 1	T 7
F 8	19 1 1	15°31'07	16°0' 6	6°10'17	17°35'20	20°14'20	7°39' 7	23°41'23	28°35'35	10°15'15	18°30'30	1°R15	2°36'36	9°28'28	1°11' 1	F 8
S 9	19 4 58	16°28'22	29°50'7	7°47'18	18°46'20	20°40'20	7°43' 7	23°39'23	28°36'36	10°16'16	18°31'31	1°14'14	2°33'33	9°34'34	1°11' 1	S 9
S 10	19 8 54	17°25'36	13°11'28	9°22'19	19°58'19	21°5'19	7°47' 7	23°37'23	28°37'37	10°17'17	18°31'31	1°12'12	2°30'30	9°41'41	1°11' 1	S 10
M11	19 12 51	18°22'50	26°52'26	10°55'21	21°9'21	21°30'21	7°50' 7	23°36'23	28°38'38	10°17'17	18°32'32	1°7'7	2°27'27	9°48'48	1°11' 0	M11
T 12	19 16 47	19°20'04	10°11'3	12°26'22	22°21'21	21°54'21	7°54' 7	23°34'23	28°40'40	10°18'18	18°33'33	1°11'11	2°23'23	9°54'54	1°11' 0	T 12
W13	19 20 44	20°17'17	23°0'0	13°54'23	23°32'23	22°18'22	7°57' 7	23°33'23	28°41'41	10°18'18	18°34'34	0°55'55	2°20'20	10°11'11	0°59'59	W13
T 14	19 24 41	21°14'30	5°13' 4	15°20'24	24°44'24	22°41'22	8°0'0	23°31'23	28°42'42	10°19'19	18°34'34	0°48'48	2°17'17	10°8'8	0°59'59	T 14
F 15	19 28 37	22°11'43	18°16'16	16°43'25	25°55'25	23°4'23	8°3'3	23°30'23	28°43'43	10°20'20	18°35'35	0°42'42	2°14'14	10°14'14	0°58'58	F 15
S 16	19 32 34	23°8'55	0°11'35	18°4'27	27°6'27	23°27'23	8°5'5	23°29'23	28°44'44	10°21'21	18°36'36	0°37'37	2°11'11	10°21'21	0°58'58	S 16
S 17	19 36 30	24°6'08	12°42'12	19°23'28	28°17'28	23°49'23	8°8'8	23°27'23	28°45'45	10°21'21	18°37'37	0°34'34	2°8'8	10°28'28	0°57'57	S 17
M18	19 40 27	25°3'21	24°41'24	20°39'29	29°28'29	24°11'24	8°10'10	23°26'23	28°46'46	10°22'22	18°37'37	0°32'32	2°4'4	10°34'34	0°56'56	M18
T 19	19 44 23	26°0'34	6°11'32	21°53'01	30°39'39	24°32'24	8°12'12	23°25'23	28°46'46	10°23'23	18°38'38	0°D32	2°11'11	10°41'41	0°56'56	T 19
W20	19 48 20	26°57'47	18°20'3	23°3'1	1°50'24	24°53'24	8°14'14	23°25'23	28°47'47	10°24'24	18°38'38	0°33'33	1°58'58	10°48'48	0°55'55	W20
T 21	19 52 16	27°55'00	0°11'8	24°12'3	3°1'25	25°13'25	8°15'15	23°24'23	28°48'48	10°25'25	18°39'39	0°35'35	1°55'55	10°54'54	0°54'54	T 21
F 22	19 56 13	28°52'14	12°1'1	25°17'4	4°12'25	25°33'25	8°17'17	23°23'23	28°48'48	10°26'26	18°40'40	0°36'36	1°52'52	11°1'1	0°53'53	F 22
S 23	20 0 10	29°49'28	24°4'4	26°20'5	5°23'25	25°52'25	8°18'18	23°23'23	28°49'49	10°27'27	18°40'40	0°37'37	1°49'49	11°7'7	0°52'52	S 23
S 24	20 4 6	0°14'46	6°11'32	27°19'6	6°33'26	26°10'26	8°19'19	23°22'23	28°50'50	10°28'28	18°41'41	0°R37	1°45'45	11°14'14	0°51'51	S 24
M25	20 8 3	1°43'59	18°57'18	28°16'7	7°44'26	26°28'26	8°20'20	23°22'23	28°50'50	10°29'29	18°41'41	0°36'36	1°42'42	11°21'21	0°50'50	M25
T 26	20 11 59	2°41'15	1°11'56	29°10'8	8°55'26	26°46'26	8°21'21	23°22'23	28°51'51	10°30'30	18°42'42	0°34'34	1°39'39	11°27'27	0°49'49	T 26
W27	20 15 56	3°38'31	15°21'29	29°59'10	5'27	27°2'27	8°21'21	23°21'23	28°51'51	10°31'31	18°42'42	0°31'31	1°36'36	11°34'34	0°48'48	W27
T 28	20 19 52	4°35'48	29°12'0	11°16'27	11°16'27	27°19'19	8°22'22	23°D21	28°52'52	10°32'32	18°43'43	0°27'27	1°33'33	11°41'41	0°47'47	T 28
F 29	20 23 49	5°33'06	13°28'1	1°30'12	12°26'27	27°34'27	8°R22	23°21'23	28°52'52	10°33'33	18°43'43	0°23'23	1°29'29	11°47'47	0°45'45	F 29
S 30	20 27 46	6°30'25	28°5'2	2°9'13	13°36'36	27°49'27	8°22'22	23°22'23	28°52'52	10°34'34	18°44'44	0°21'21	1°26'26	11°54'54	0°44'44	S 30
S 31	20 31 42	7°12'43	12°12'56	2°11'45	14°11'47	28°11'3	8°Y21	23°11'22	28°Y52	10°36'36	18°44'44	0°11'19	1°11'23	12°11'1	0°Y43	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	23n 4	27n31	4n15	23n12	1n57	19n36	1n46	8s27	3s39	1n42	1s13	16s26	2n20	10n19	0s36	F 1
S 2	23 0	25 20	3 25	22 52	1 57	19 17	1 47	8 19	3 42	1 44	1 13	16 26	2 20	10 19	0 36	S 2
S 3	22 56	21 28	2 21	22 30	1 56	18 58	1 47	8 10	3 45	1 45	1 14	16 25	2 19	10 20	0 36	S 3
M 4	22 51	16 15	1 7	22 6	1 54	18 37	1 47	8 2	3 48	1 47	1 14	16 25	2 19	10 20	0 36	M 4
T 5	22 46	10 7	0s11	21 41	1 52	18 17	1 47	7 54	3 51	1 48	1 14	16 25	2 19	10 21	0 36	T 5
W 6	22 40	3 31	1 28	21 15	1 49	17 56	1 47	7 46	3 53	1 50	1 14	16 25	2 19	10 21	0 36	W 6
T 7	22 34	3s11	2 38	20 47	1 46	17 34	1 47	7 39	3 56	1 51	1 15	16 24	2 19	10 22	0 36	T 7
F 8	22 28	9 38	3 38	20 19	1 42	17 12	1 47	7 31	3 59	1 53	1 16	16 24	2 18	10 22	0 36	F 8
S 9	22 21	15 30	4 24	19 50	1 37	16 50	1 46	7 24	4 2	1 54	1 15	16 24	2 18	10 23	0 36	S 9
S 10	22 14	20 31	4 55	19 19	1 32	16 27	1 46	7 16	4 5	1 55	1 16	16 24	2 18	10 23	0 36	S 10
M11	22 6	24 24	5 8	18 49	1 26	16 4	1 45	7 9	4 8	1 56	1 16	16 23	2 18	10 24	0 36	M11
T 12	21 58	26 55	5 5	18 17	1 19	15 40	1 45	7 2	4 10	1 57	1 16	16 23	2 17	10 24	0 36	T 12
W13	21 50	27 57	4 47	17 45	1 12	15 16	1 44	6 56	4 13	1 58	1 16	16 23	2 17	10 24	0 36	W13
T 14	21 41	27 28	4 14	17 13	1 4	14 52	1 44	6 49	4 16	1 59	1 17	16 23	2 17	10 25	0 36	T 14
F 15	21 32	25 35	3 30	16 40	0 56	14 27	1 43	6 43	4 19	2 0	1 17	16 23	2 17	10 25	0 36	F 15
S 16	21 23	22 30	2 36	16 7	0 48	14 2	1 42	6 36	4 22	2 1	1 17	16 23	2 16	10 25	0 36	S 16
S 17	21 13	18 28	1 36	15 35	0 39	13 37	1 41	6 30	4 25	2 1	1 18	16 23	2 16	10 26	0 36	S 17
M18	21 3	13 45	0 32	15 2	0 29	13 11	1 40	6 24	4 28	2 2	1 18	16 23	2 16	10 26	0 36	M18
T 19	20 53	8 35	0n33	14 29	0 19	12 45	1 39	6 19	4 31	2 3	1 18	16 23	2 16	10 26	0 36	T 19
W20	20 42	3 8	1 36	13 56	0 9	12 18	1 37	6 13	4 34	2 3	1 18	16 23	2 15	10 26	0 36	W20
T 21	20 31	2n26	2 35	13 23	0s 2	11 52	1 36	6 8	4 37	2 3	1 19	16 23	2 15	10 27	0 36	T 21
F 22	20 19	7 56	3 28	12 51	0 13	11 25	1 35	6 3	4 40	2 4	1 19	16 23	2 15	10 27	0 36	F 22
S 23	20 7	13 13	4 12	12 19	0 24	10 57	1 33	5 58	4 43	2 4	1 19	16 23	2 15	10 27	0 37	S 23
S 24	19 55	18 6	4 46	11 48	0 36	10 30	1 32	5 53	4 46	2 4	1 20	16 23	2 14	10 27	0 37	S 24
M25	19 43	22 20	5 7	11 17	0 48	10 2	1 30	5 49	4 49	2 4	1 20	16 23	2 14	10 27	0 37	M25
T 26	19 30	25 36	5 14	10 47	1 1	9 34	1 28	5 45	4 52	2 4	1 20	16 24	2 14	10 28	0 37	T 26
W27	19 17	27 35	5 4	10 18	1 13	9 6	1 26	5 41	4 54	2 4	1 21	16 24	2 14	10 28	0 37	W27
T 28	19 3	27 57	4 36	9 49	1 26	8 37	1 24	5 37	4 57	2 4	1 21	16 24	2 13	10 28	0 37	T 28
F 29	18 49	26 30	3 50	9 22	1 39	8 9	1 22	5 33	5 0	2 4	1 21	16 24	2 13	10 28	0 37	F 29
S 30	18 35	23 14	2 48	8 55	1 52	7 40	1 20	5 30	5 3	2 4	1 21	16 25	2 13	10 28	0 37	S 30
S 31	18n21	18n23	1n34	8n30	2s 6	7n11	1n18	5s27	5s 6	2n 3	1s22	16s25	2n13	10n28	0s37	S 31

Julian Day Number = 2671966.5, Delta T = 20m26s  
Ecliptic obliquity = 23°21'47, Nutation = 0°00'08  
Ayanamsha: Fagan/Bradley = 33°10'53, Lahiri = 32°17'52

## ASTRODIENST EPHEMERIS for the year 2603

AUGUST 2603

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	20 35 39	8♂25'02	27♂53	3♂17	15♂57	28♂17	8°R21	23♂22	28♂53	10♂37	18♂44	0°D18	1♂20	12♂7	0°R41	M 1
T 2	20 39 35	9°22'22	12♂49	3°44	17° 7	28°30	8°Y20	23°23	28°53	10°38	18°45	0°X18	1°17	12°14	0°Y40	T 2
W 3	20 43 32	10°19'41	27°37	4° 7	18°17	28°42	8°19	23°23	28°53	10°39	18°45	0°19	1°14	12°21	0°38	W 3
T 4	20 47 28	11°17'01	12♂9	4°26	19°27	28°54	8°18	23°24	28°R53	10°41	18°45	0°21	1°10	12°27	0°37	T 4
F 5	20 51 25	12°14'22	26°23	4°40	20°37	29° 5	8°17	23°25	28°53	10°42	18°46	0°22	1° 7	12°34	0°35	F 5
S 6	20 55 21	13°11'43	10♂16	4°49	21°47	29°15	8°16	23°25	28°53	10°43	18°46	0°R22	1° 4	12°41	0°34	S 6
S 7	20 59 18	14° 9'04	23°49	4°R54	22°57	29°24	8°14	23°26	28°53	10°45	18°46	0°22	1° 1	12°47	0°32	S 7
M 8	21 3 15	15° 6'25	7♂3	4°53	24° 6	29°33	8°12	23°27	28°52	10°46	18°46	0°21	0°58	12°54	0°30	M 8
T 9	21 7 11	16° 3'47	19°59	4°47	25°16	29°41	8°10	23°28	28°52	10°47	18°47	0°19	0°55	13° 0	0°28	T 9
W10	21 11 8	17° 1'10	2♂40	4°36	26°25	29°48	8° 8	23°30	28°52	10°49	18°47	0°18	0°51	13° 7	0°27	W10
T 11	21 15 4	17°58'33	15° 6	4°20	27°35	29°55	8° 5	23°31	28°52	10°50	18°47	0°16	0°48	13°14	0°25	T 11
F 12	21 19 1	18°55'57	27°21	3°59	28°44	0°Y 1	8° 3	23°32	28°51	10°52	18°47	0°14	0°45	13°20	0°23	F 12
S 13	21 22 57	19°53'21	9♂27	3°33	29°53	0° 5	8° 0	23°34	28°51	10°53	18°47	0°13	0°42	13°27	0°21	S 13
S 14	21 26 54	20°50'47	21°24	3° 3	1♂2	0°10	7°57	23°35	28°51	10°55	18°48	0°13	0°39	13°34	0°19	S 14
M15	21 30 50	21°48'13	3♂17	2°28	2°11	0°13	7°54	23°37	28°50	10°57	18°48	0°D13	0°35	13°40	0°17	M15
T 16	21 34 47	22°45'40	15° 5	1°49	3°20	0°16	7°50	23°39	28°50	10°58	18°48	0°13	0°32	13°47	0°15	T 16
W17	21 38 44	23°43'08	26°53	1° 7	4°29	0°17	7°47	23°41	28°49	11° 0	18°48	0°13	0°29	13°54	0°13	W17
T 18	21 42 40	24°40'37	8°Y42	0°22	5°38	0°18	7°43	23°43	28°48	11° 1	18°48	0°14	0°26	14° 0	0°11	T 18
F 19	21 46 37	25°38'07	20°37	29♂36	6°46	0°R18	7°39	23°45	28°48	11° 3	18°R48	0°15	0°23	14° 7	0° 9	F 19
S 20	21 50 33	26°35'39	2♂41	28°48	7°55	0°18	7°35	23°47	28°47	11° 5	18°48	0°15	0°20	14°14	0° 6	S 20
S 21	21 54 30	27°33'12	14°58	27°59	9° 3	0°16	7°31	23°49	28°46	11° 7	18°48	0°15	0°16	14°20	0° 4	S 21
M22	21 58 26	28°30'46	27°32	27°11	10°11	0°14	7°26	23°52	28°45	11° 8	18°48	0°R15	0°13	14°27	0° 2	M22
T 23	22 2 23	29°28'22	10♂27	26°25	11°20	0°11	7°22	23°54	28°44	11°10	18°48	0°15	0°10	14°34	29♂59	T 23
W24	22 6 19	0♂26'00	23°46	25°41	12°28	0° 7	7°17	23°57	28°44	11°12	18°48	0°D15	0° 7	14°40	29°57	W24
T 25	22 10 16	1°23'38	7♂31	25° 1	13°36	0° 2	7°12	23°59	28°43	11°14	18°47	0°15	0° 4	14°47	29°55	T 25
F 26	22 14 13	2°21'19	21°43	24°24	14°43	29♂57	7° 7	24° 2	28°42	11°15	18°47	0°15	0° 0	14°53	29°53	F 26
S 27	22 18 9	3°19'00	6♂20	23°53	15°51	29°50	7° 2	24° 5	28°41	11°17	18°47	0°16	29♂57	15° 0	29°50	S 27
S 28	22 22 6	4°16'43	21°15	23°27	16°59	29°43	6°56	24° 8	28°39	11°19	18°47	0°16	29°54	15° 7	29°48	S 28
M29	22 26 2	5°14'27	6♂23	23° 7	18° 6	29°35	6°51	24°11	28°38	11°21	18°47	0°R16	29°51	15°13	29°45	M29
T 30	22 29 59	6°12'13	21°34	22°54	19°14	29°27	6°45	24°14	28°37	11°23	18°47	0°16	29°48	15°20	29°43	T 30
W31	22 33 55	7♂9'59	6♂38	22°D49	20♂21	29♂17	6°Y39	24♂17	28°Y36	11♂25	18♂46	0°X15	29♂45	15♂27	29♂40	W31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	18n 6	12n23	0n13	8n 6	2s19	6n41	1n16	5s24	5s 9	2n 3	1s22	16s25	2n12	10n28	0s37	2s56	1n22
T 2	17 51	5 40	1s 9	7 44	2 32	6 12	1 13	5 22	5 12	2 2	1 22	16 26	2 12	10 28	0 37	2 56	1 22
W 3	17 36	1s16	2 25	7 23	2 46	5 42	1 11	5 20	5 15	2 2	1 23	16 26	2 12	10 28	0 37	2 57	1 22
T 4	17 20	8 1	3 31	7 4	2 59	5 13	1 8	5 18	5 17	2 1	1 23	16 26	2 11	10 28	0 37	2 58	1 22
F 5	17 4	14 13	4 22	6 47	3 12	4 43	1 6	5 16	5 20	2 0	1 23	16 27	2 11	10 28	0 37	2 58	1 22
S 6	16 48	19 33	4 57	6 32	3 25	4 13	1 3	5 14	5 23	1 59	1 23	16 27	2 11	10 28	0 37	2 59	1 22
S 7	16 32	23 44	5 14	6 18	3 37	3 43	1 0	5 13	5 26	1 58	1 24	16 28	2 11	10 28	0 37	2 59	1 22
M 8	16 15	26 35	5 14	6 8	3 49	3 13	0 57	5 12	5 28	1 57	1 24	16 28	2 10	10 28	0 37	3 0	1 22
T 9	15 58	27 56	4 58	5 59	4 1	2 43	0 55	5 11	5 31	1 56	1 24	16 29	2 10	10 28	0 37	3 0	1 22
W10	15 41	27 48	4 27	5 53	4 12	2 12	0 51	5 11	5 34	1 55	1 25	16 29	2 10	10 28	0 37	3 1	1 22
T 11	15 24	26 14	3 45	5 49	4 22	1 42	0 48	5 11	5 36	1 54	1 25	16 30	2 10	10 28	0 37	3 2	1 21
F 12	15 6	23 26	2 52	5 49	4 30	1 12	0 45	5 11	5 39	1 53	1 25	16 31	2 9	10 27	0 37	3 2	1 21
S 13	14 48	19 39	1 53	5 51	4 38	0 41	0 42	5 11	5 41	1 51	1 25	16 31	2 9	10 27	0 37	3 3	1 21
S 14	14 30	15 5	0 49	5 55	4 45	0 11	0 39	5 11	5 43	1 50	1 26	16 32	2 9	10 27	0 37	3 3	1 21
M15	14 12	10 0	0n17	6 3	4 50	0s20	0 35	5 12	5 46	1 48	1 26	16 32	2 9	10 27	0 37	3 4	1 21
T 16	13 53	4 36	1 22	6 13	4 54	0 50	0 32	5 13	5 48	1 47	1 26	16 33	2 8	10 27	0 37	3 5	1 21
W17	13 34	0n57	2 23	6 25	4 56	1 21	0 28	5 14	5 50	1 45	1 26	16 34	2 8	10 26	0 37	3 5	1 21
T 18	13 15	6 28	3 18	6 41	4 56	1 51	0 25	5 16	5 52	1 43	1 27	16 35	2 8	10 26	0 37	3 6	1 21
F 19	12 56	11 49	4 5	6 58	4 55	2 22	0 21	5 18	5 54	1 42	1 27	16 35	2 8	10 26	0 37	3 7	1 21
S 20	12 37	16 46	4 42	7 17	4 52	2 52	0 17	5 20	5 56	1 40	1 27	16 36	2 7	10 26	0 37	3 7	1 21
S 21	12 17	21 9	5 7	7 39	4 47	3 22	0 13	5 22	5 58	1 38	1 27	16 37	2 7	10 25	0 37	3 8	1 21
M22	11 57	24 42	5 17	8 1	4 40	3 53	0 9	5 25	6 0	1 36	1 28	16 38	2 7	10 25	0 37	3 9	1 21
T 23	11 37	27 6	5 13	8 25	4 31	4 23	0 5	5 27	6 1	1 34	1 28	16 39	2 7	10 25	0 37	3 10	1 21
W24	11 17	28 4	4 51	8 49	4 21	4 53	0 1	5 30	6 3	1 32	1 28	16 39	2 6	10 24	0 37	3 10	1 21
T 25	10 57	27 22	4 13	9 14	4 9	5 23	0s 3	5 33	6 4	1 30	1 28	16 40	2 6	10 24	0 37	3 11	1 21
F 26	10 36	24 53	3 18	9 39	3 55	5 53	0 7	5 37	6 6	1 27	1 29	16 41	2 6	10 24	0 37	3 12	1 21
S 27	10 15	20 43	2 9	10 3	3 41	6 23	0 11	5 40	6 7	1 25	1 29	16 42	2 6	10 23	0 37	3 12	1 21
S 28	9 55	15 9	0 50	10 26	3 25	6 53	0 15	5 44	6 8	1 23	1 29	16 43	2 5	10 23	0 37	3 13	1 21
M29	9 34	8 37	0s34	10 48	3 8	7 23	0 20	5 48	6 9	1 20	1 29	16 44	2 5	10 22	0 37	3 14	1 21
T 30	9 12	1 34	1 56	11 9	2 51	7 52	0 24	5 52	6 9	1 18	1 30	16 45	2 5	10 22	0 37	3 15	1 21
W31	8n51	5s31	3s 9	11n27	2s33	8s22	0s28	5s56	6s10	1n15	1s30	16s46	2n 5	10n22	0s37	3s15	1n21

Julian Day Number = 2671997.5, Delta T = 20m26s

Ecliptic obliquity = 23°21'47, Nutation = 0°00'10

Ayanamsha: Fagan/Bradley = 33°10'57, Lahiri = 32°17'57

# ASTRODIENST EPHEMERIS for the year 2603

SEPTEMBER 2603

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 37 52	8 <sup>h</sup> 7'47"	21 <sup>h</sup> 27'	22 <sup>h</sup> 50'	21 <sup>h</sup> 28'	29 <sup>h</sup> 8'	6 <sup>h</sup> 33'	24 <sup>h</sup> 20'	28 <sup>h</sup> 35'	11 <sup>h</sup> 27'	18 <sup>h</sup> 46'	0 <sup>h</sup> 14'	29 <sup>h</sup> 41'	15 <sup>h</sup> 33'	29 <sup>h</sup> 38'	T 1
F 2	22 41 48	9 <sup>h</sup> 5'36"	5 <sup>h</sup> 56'	23 <sup>h</sup> 0'	22 <sup>h</sup> 35'	28 <sup>h</sup> 57'	6 <sup>h</sup> 27'	24 <sup>h</sup> 23'	28 <sup>h</sup> 33'	11 <sup>h</sup> 29'	18 <sup>h</sup> 46'	0 <sup>h</sup> 13'	29 <sup>h</sup> 38'	15 <sup>h</sup> 40'	29 <sup>h</sup> 35'	F 2
S 3	22 45 45	10 <sup>h</sup> 3'26"	19 <sup>h</sup> 59'	23 <sup>h</sup> 17'	23 <sup>h</sup> 42'	28 <sup>h</sup> 46'	6 <sup>h</sup> 20'	24 <sup>h</sup> 27'	28 <sup>h</sup> 32'	11 <sup>h</sup> 30'	18 <sup>h</sup> 46'	0 <sup>h</sup> 12'	29 <sup>h</sup> 35'	15 <sup>h</sup> 47'	29 <sup>h</sup> 32'	S 3
S 4	22 49 41	11 <sup>h</sup> 1'18"	3 <sup>h</sup> 37'	23 <sup>h</sup> 42'	24 <sup>h</sup> 48'	28 <sup>h</sup> 34'	6 <sup>h</sup> 14'	24 <sup>h</sup> 30'	28 <sup>h</sup> 31'	11 <sup>h</sup> 32'	18 <sup>h</sup> 45'	0 <sup>h</sup> 12'	29 <sup>h</sup> 32'	15 <sup>h</sup> 53'	29 <sup>h</sup> 30'	S 4
M 5	22 53 38	11 <sup>h</sup> 59'10"	16 <sup>h</sup> 49'	24 <sup>h</sup> 15'	25 <sup>h</sup> 55'	28 <sup>h</sup> 21'	6 <sup>h</sup> 8'	24 <sup>h</sup> 34'	28 <sup>h</sup> 29'	11 <sup>h</sup> 34'	18 <sup>h</sup> 45'	0 <sup>h</sup> 12'	29 <sup>h</sup> 29'	16 <sup>h</sup> 0'	29 <sup>h</sup> 27'	M 5
T 6	22 57 35	12 <sup>h</sup> 57'04"	29 <sup>h</sup> 39'	24 <sup>h</sup> 55'	27 <sup>h</sup> 1'	28 <sup>h</sup> 8'	6 <sup>h</sup> 1'	24 <sup>h</sup> 38'	28 <sup>h</sup> 28'	11 <sup>h</sup> 36'	18 <sup>h</sup> 45'	0 <sup>h</sup> 12'	29 <sup>h</sup> 26'	16 <sup>h</sup> 7'	29 <sup>h</sup> 25'	T 6
W 7	23 1 131	13 <sup>h</sup> 54'59"	12 <sup>h</sup> 31'0"	25 <sup>h</sup> 43'	28 <sup>h</sup> 7'	27 <sup>h</sup> 55'	5 <sup>h</sup> 54'	24 <sup>h</sup> 41'	28 <sup>h</sup> 26'	11 <sup>h</sup> 38'	18 <sup>h</sup> 44'	0 <sup>h</sup> 13'	29 <sup>h</sup> 22'	16 <sup>h</sup> 13'	29 <sup>h</sup> 22'	W 7
T 8	23 5 28	14 <sup>h</sup> 52'55"	24 <sup>h</sup> 26'	26 <sup>h</sup> 38'	29 <sup>h</sup> 13'	27 <sup>h</sup> 41'	5 <sup>h</sup> 47'	24 <sup>h</sup> 45'	28 <sup>h</sup> 25'	11 <sup>h</sup> 40'	18 <sup>h</sup> 44'	0 <sup>h</sup> 15'	29 <sup>h</sup> 19'	16 <sup>h</sup> 20'	29 <sup>h</sup> 19'	T 8
F 9	23 9 24	15 <sup>h</sup> 50'53"	6 <sup>h</sup> 30'	27 <sup>h</sup> 41'	0 <sup>h</sup> 19'	27 <sup>h</sup> 27'	5 <sup>h</sup> 40'	24 <sup>h</sup> 49'	28 <sup>h</sup> 23'	11 <sup>h</sup> 42'	18 <sup>h</sup> 43'	0 <sup>h</sup> 16'	29 <sup>h</sup> 16'	16 <sup>h</sup> 27'	29 <sup>h</sup> 16'	F 9
S 10	23 13 21	16 <sup>h</sup> 48'52"	18 <sup>h</sup> 26'	28 <sup>h</sup> 49'	1 <sup>h</sup> 25'	27 <sup>h</sup> 12'	5 <sup>h</sup> 33'	24 <sup>h</sup> 53'	28 <sup>h</sup> 22'	11 <sup>h</sup> 45'	18 <sup>h</sup> 43'	0 <sup>h</sup> 17'	29 <sup>h</sup> 13'	16 <sup>h</sup> 33'	29 <sup>h</sup> 14'	S 10
S 11	23 17 17	17 <sup>h</sup> 46'52"	0 <sup>h</sup> 16'	0 <sup>h</sup> 5'	2 <sup>h</sup> 30'	26 <sup>h</sup> 57'	5 <sup>h</sup> 26'	24 <sup>h</sup> 57'	28 <sup>h</sup> 20'	11 <sup>h</sup> 47'	18 <sup>h</sup> 42'	0 <sup>h</sup> 17'	29 <sup>h</sup> 10'	16 <sup>h</sup> 40'	29 <sup>h</sup> 11'	S 11
M12	23 21 14	18 <sup>h</sup> 44'54"	12 <sup>h</sup> 5'	1 <sup>h</sup> 26'	3 <sup>h</sup> 36'	26 <sup>h</sup> 42'	5 <sup>h</sup> 19'	25 <sup>h</sup> 1'	28 <sup>h</sup> 18'	11 <sup>h</sup> 49'	18 <sup>h</sup> 42'	0 <sup>h</sup> 17'	29 <sup>h</sup> 6'	16 <sup>h</sup> 47'	29 <sup>h</sup> 8'	M12
T 13	23 25 10	19 <sup>h</sup> 42'57"	23 <sup>h</sup> 53'	2 <sup>h</sup> 52'	4 <sup>h</sup> 41'	26 <sup>h</sup> 26'	5 <sup>h</sup> 11'	25 <sup>h</sup> 5'	28 <sup>h</sup> 17'	11 <sup>h</sup> 51'	18 <sup>h</sup> 42'	0 <sup>h</sup> 15'	29 <sup>h</sup> 3'	16 <sup>h</sup> 53'	29 <sup>h</sup> 6'	T 13
W14	23 29 7	20 <sup>h</sup> 41'02"	5 <sup>h</sup> 43'	4 <sup>h</sup> 23'	5 <sup>h</sup> 46'	26 <sup>h</sup> 10'	5 <sup>h</sup> 4'	25 <sup>h</sup> 10'	28 <sup>h</sup> 15'	11 <sup>h</sup> 53'	18 <sup>h</sup> 41'	0 <sup>h</sup> 13'	29 <sup>h</sup> 0'	17 <sup>h</sup> 0'	29 <sup>h</sup> 3'	W14
T 15	23 33 4	21 <sup>h</sup> 39'08"	17 <sup>h</sup> 38'	5 <sup>h</sup> 59'	6 <sup>h</sup> 50'	25 <sup>h</sup> 54'	4 <sup>h</sup> 56'	25 <sup>h</sup> 14'	28 <sup>h</sup> 13'	11 <sup>h</sup> 55'	18 <sup>h</sup> 40'	0 <sup>h</sup> 10'	28 <sup>h</sup> 57'	17 <sup>h</sup> 6'	29 <sup>h</sup> 0'	T 15
F 16	23 37 0	22 <sup>h</sup> 37'17"	29 <sup>h</sup> 39'	7 <sup>h</sup> 38'	7 <sup>h</sup> 55'	25 <sup>h</sup> 38'	4 <sup>h</sup> 49'	25 <sup>h</sup> 18'	28 <sup>h</sup> 11'	11 <sup>h</sup> 57'	18 <sup>h</sup> 40'	0 <sup>h</sup> 6'	28 <sup>h</sup> 54'	17 <sup>h</sup> 13'	28 <sup>h</sup> 57'	F 16
S 17	23 40 57	23 <sup>h</sup> 35'27"	11 <sup>h</sup> 49'	9 <sup>h</sup> 21'	8 <sup>h</sup> 59'	25 <sup>h</sup> 22'	4 <sup>h</sup> 41'	25 <sup>h</sup> 23'	28 <sup>h</sup> 9'	11 <sup>h</sup> 59'	18 <sup>h</sup> 39'	0 <sup>h</sup> 3'	28 <sup>h</sup> 51'	17 <sup>h</sup> 20'	28 <sup>h</sup> 54'	S 17
S 18	23 44 53	24 <sup>h</sup> 33'39"	24 <sup>h</sup> 10'	11 <sup>h</sup> 6'	10 <sup>h</sup> 3'	25 <sup>h</sup> 5'	4 <sup>h</sup> 33'	25 <sup>h</sup> 28'	28 <sup>h</sup> 8'	12 <sup>h</sup> 1'	18 <sup>h</sup> 39'	29 <sup>h</sup> 59'	28 <sup>h</sup> 47'	17 <sup>h</sup> 26'	28 <sup>h</sup> 52'	S 18
M19	23 48 50	25 <sup>h</sup> 31'53"	6 <sup>h</sup> 45'	12 <sup>h</sup> 54'	11 <sup>h</sup> 7'	24 <sup>h</sup> 49'	4 <sup>h</sup> 25'	25 <sup>h</sup> 32'	28 <sup>h</sup> 6'	12 <sup>h</sup> 3'	18 <sup>h</sup> 38'	29 <sup>h</sup> 57'	28 <sup>h</sup> 44'	17 <sup>h</sup> 33'	28 <sup>h</sup> 49'	M19
T 20	23 52 46	26 <sup>h</sup> 30'10"	19 <sup>h</sup> 38'	14 <sup>h</sup> 44'	12 <sup>h</sup> 11'	24 <sup>h</sup> 33'	4 <sup>h</sup> 18'	25 <sup>h</sup> 37'	28 <sup>h</sup> 4'	12 <sup>h</sup> 6'	18 <sup>h</sup> 38'	29 <sup>h</sup> 56'	28 <sup>h</sup> 41'	17 <sup>h</sup> 40'	28 <sup>h</sup> 46'	T 20
W21	23 56 43	27 <sup>h</sup> 28'28"	2 <sup>h</sup> 51'	16 <sup>h</sup> 35'	13 <sup>h</sup> 14'	24 <sup>h</sup> 17'	4 <sup>h</sup> 10'	25 <sup>h</sup> 42'	28 <sup>h</sup> 2'	12 <sup>h</sup> 8'	18 <sup>h</sup> 37'	29 <sup>h</sup> 56'	28 <sup>h</sup> 38'	17 <sup>h</sup> 46'	28 <sup>h</sup> 43'	W21
T 22	0 0 39	28 <sup>h</sup> 26'49"	16 <sup>h</sup> 27'	18 <sup>h</sup> 27'	14 <sup>h</sup> 17'	24 <sup>h</sup> 1'	4 <sup>h</sup> 2'	25 <sup>h</sup> 47'	28 <sup>h</sup> 0'	12 <sup>h</sup> 10'	18 <sup>h</sup> 36'	29 <sup>h</sup> 57'	28 <sup>h</sup> 35'	17 <sup>h</sup> 53'	28 <sup>h</sup> 40'	T 22
F 23	0 4 36	29 <sup>h</sup> 25'11"	0 <sup>h</sup> 27'	20 <sup>h</sup> 20'	15 <sup>h</sup> 20'	23 <sup>h</sup> 45'	3 <sup>h</sup> 54'	25 <sup>h</sup> 52'	27 <sup>h</sup> 58'	12 <sup>h</sup> 12'	18 <sup>h</sup> 36'	29 <sup>h</sup> 58'	28 <sup>h</sup> 32'	18 <sup>h</sup> 0'	28 <sup>h</sup> 38'	F 23
S 24	0 8 33	0 <sup>h</sup> 23'35"	14 <sup>h</sup> 51'	22 <sup>h</sup> 14'	16 <sup>h</sup> 23'	23 <sup>h</sup> 30'	3 <sup>h</sup> 46'	25 <sup>h</sup> 57'	27 <sup>h</sup> 56'	12 <sup>h</sup> 14'	18 <sup>h</sup> 35'	29 <sup>h</sup> 59'	28 <sup>h</sup> 28'	18 <sup>h</sup> 6'	28 <sup>h</sup> 35'	S 24
S 25	0 12 29	1 <sup>h</sup> 22'02"	29 <sup>h</sup> 37'	24 <sup>h</sup> 8'	17 <sup>h</sup> 26'	23 <sup>h</sup> 14'	3 <sup>h</sup> 38'	26 <sup>h</sup> 2'	27 <sup>h</sup> 54'	12 <sup>h</sup> 17'	18 <sup>h</sup> 34'	29 <sup>h</sup> 59'	28 <sup>h</sup> 25'	18 <sup>h</sup> 13'	28 <sup>h</sup> 32'	S 25
M26	0 16 26	2 <sup>h</sup> 20'30"	14 <sup>h</sup> 39'	26 <sup>h</sup> 1'	18 <sup>h</sup> 28'	22 <sup>h</sup> 59'	3 <sup>h</sup> 30'	26 <sup>h</sup> 7'	27 <sup>h</sup> 51'	12 <sup>h</sup> 19'	18 <sup>h</sup> 34'	29 <sup>h</sup> 59'	28 <sup>h</sup> 22'	18 <sup>h</sup> 20'	28 <sup>h</sup> 29'	M26
T 27	0 20 22	3 <sup>h</sup> 19'01"	29 <sup>h</sup> 49'	27 <sup>h</sup> 55'	19 <sup>h</sup> 30'	22 <sup>h</sup> 45'	3 <sup>h</sup> 22'	26 <sup>h</sup> 12'	27 <sup>h</sup> 49'	12 <sup>h</sup> 21'	18 <sup>h</sup> 33'	29 <sup>h</sup> 57'	28 <sup>h</sup> 19'	18 <sup>h</sup> 26'	28 <sup>h</sup> 26'	T 27
W28	0 24 19	4 <sup>h</sup> 17'33"	14 <sup>h</sup> 59'	29 <sup>h</sup> 48'	20 <sup>h</sup> 31'	22 <sup>h</sup> 31'	3 <sup>h</sup> 14'	26 <sup>h</sup> 17'	27 <sup>h</sup> 47'	12 <sup>h</sup> 23'	18 <sup>h</sup> 32'	29 <sup>h</sup> 53'	28 <sup>h</sup> 16'	18 <sup>h</sup> 33'	28 <sup>h</sup> 24'	W28
T 29	0 28 15	5 <sup>h</sup> 16'07"	29 <sup>h</sup> 57'	1 <sup>h</sup> 40'	21 <sup>h</sup> 33'	22 <sup>h</sup> 17'	3 <sup>h</sup> 6'	26 <sup>h</sup> 23'	27 <sup>h</sup> 45'	12 <sup>h</sup> 25'	18 <sup>h</sup> 31'	29 <sup>h</sup> 48'	28 <sup>h</sup> 12'	18 <sup>h</sup> 40'	28 <sup>h</sup> 21'	T 29
F 30	0 32 12	6 <sup>h</sup> 14'43"	14 <sup>h</sup> 36'	3 <sup>h</sup> 32'	22 <sup>h</sup> 34'	22 <sup>h</sup> 4'	2 <sup>h</sup> 58'	26 <sup>h</sup> 28'	27 <sup>h</sup> 43'	12 <sup>h</sup> 28'	18 <sup>h</sup> 31'	29 <sup>h</sup> 43'	28 <sup>h</sup> 9'	18 <sup>h</sup> 46'	28 <sup>h</sup> 18'	F 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	8n30	12s10	4s 8	11n44	2s15	8s51	0s33	6s 1	6s11	1n13	1s30	16s47	2n 4	10n21	0s37	3s16	1n21	1n37	16s19	11s21	11s33	4s23	3n19	3n47											
F 2	8 8	18 0	4 49	11 58	1 57	9 20	0 37	6 5	6 11	1 10	1 30	16 48	2 4	10 21	0 37	3 17	1 21	1 37	16 20	11 22	11 34	4 19	3 18	3 47											
S 3	7 46	22 41	5 12	12 10	1 39	9 49	0 42	6 10	6 11	1 8	1 30	16 49	2 4	10 20	0 37	3 18	1 21	1 36	16 20	11 22	11 35	4 16	3 17	3 47											
S 4	7 25	25 59	5 17	12 18	1 21	10 18	0 47	6 15	6 11	1 5	1 31	16 50	2 4	10 20	0 37	3 18	1 21	1 36	16 20	11 22	11 36	4 12	3 16	3 47											
M 5	7 3	27 45	5 4	12 24	1 3	10 47	0 51	6 19	6 11	1 2	1 31	16 51	2 3	10 19	0 38	3 19	1 21	1 36	16 20	11 22	11 37	4 9	3 15	3 47											
T 6	6 41	27 58	4 36	12 27	0 46	11 15	0 56	6 24	6 10	0 59	1 31	16 52	2 3	10 19	0 38	3 20	1 21	1 35	16 21	11 22	11 38	4 6	3 14	3 47											
W 7	6 18	26 44	3 56	12 27	0 30	11 43	1 1	6 29	6 10	0 57	1 31	16 53	2 3	10 18	0 38	3 21	1 21	1 35	16 21	11 22	11 39	4 2	3 13	3 47											
T 8	5 56	24 13	3 6	12 23	0 14	12 11	1 5	6 34	6 9	0 54	1 31	16 55	2 3	10 17	0 38	3 22	1 21	1 34	16 21	11 21	11 40	3 59	3 12	3 47											
F 9	5 34	20 39	2 8	12 16	0n 1	12 39	1 10	6 39	6 8	0 51	1 31	16 56	2 3	10 17	0 38	3 22	1 21	1 34	16 22	11 21	11 42	3 56	3 11	3 47											
S 10	5 11	16 17	1 5	12 5	0 15	13 6	1 15	6 44	6 7	0 48	1 32	16 57	2 2	10 16	0 38	3 23	1 21	1 34	16 22	11 20	11 43	3 52	3 10	3 47											
S 11	4 49	11 21	0 0	11 51	0 29	13 33	1 20	6 48	6 6	0 45	1 32	16 58	2 2	10 16	0 38	3 24	1 21	1 33	16 22	11 20	11 44	3 49	3 9	3 47											
M12	4 26	6 1	1n 5	11 34	0 41	14 0	1 25	6 53	6 4	0 42	1 32	16 59	2 2	10 15	0 38	3 25	1 21	1 33	16 22	11 20	11 45	3 46	3 7	3 47											
T 13	4 4	0 29	2 7	11 14	0 52	14 27	1 30	6 58	6 3	0 39	1 32	17 0	2 2	10 14	0 38	3 26	1 21	1 33	16 23	11 21	11 46	3 42	3 6	3 46											
W14	3 41	5n 4	3 3	10 51	1 3	14 53	1 35	7 2	6 1	0 36	1 32	17 2	2 1	10 14	0 38	3 27	1 21	1 32	16 23	11 22	11 47	3 39	3 5	3 46											
T 15	3 18	10 28	3 52	10 24	1 12	15 19	1 39	7 7	5 59	0 33	1 32	17 3	2 1	10 13	0 38	3 27	1 21	1 32	16 23	11 23	11 48	3 36	3 4	3 46											
F 16	2 55	15 32	4 31	9 55	1 20	15 45	1 44	7 11	5 57	0 30	1 32	17 4	2 1	10 13	0 38	3 28	1 21	1 31	16 24	11 24	11 49	3 32	3 3	3 46											
S 17	2 32	20 4	4 59	9 23	1 27	16 10	1 49	7 16	5 55	0 26	1 32	17 5	2 1	10 12	0 38	3 29	1 21	1 31	16 24	11 25	11 50	3 29	3 2	3 46											
S 18	2 9	23 48	5 13	8 49	1 33	16 36	1 54	7 20	5 52	0 23	1 32	17 7	2 1	10 11	0 38	3 30	1 21	1 31	16 24	11 26	11 51	3 26	3 1	3 46											
M19	1 46	26 29	5 12	8 12	1 38	17 0	1 59	7 24	5 49	0 20	1 33	17 8	2 0	10 11	0 38	3 31	1 21	1 30	16 24	11 27	11 53	3 22	2 59	3 46											
T 20	1 23	27 53	4 56	7 34	1 42	17 25	2 4	7 28	5 47	0 17	1 33	17 9	2 0	10 10	0 38	3 32	1 21	1 30	16 25	11 28	11 54	3 19	2 58	3 46											
W21	1 0	27 44	4 24	6 53	1 45	17 49	2 9	7 31	5 44	0 14	1 33	17 11	2 0	10 9	0 38	3 32	1 21	1 29	16 25	11 28	11 55	3 16	2 57	3 46											
T 22	0 37	25 56	3 37	6 12	1 47	18 13	2 14	7 35	5 40	0 11	1 33	17 12	2 0	10 8	0 38	3 33	1 21	1 29	16 25	11 27	11 56	3 12	2 56	3 46											
F 23	0 14	22 31	2 35	5 28	1 48	18 36	2 19	7 38	5 37	0 7	1 33	17 13	2 0	10 8	0 38	3 34	1 21	1 29	16 25	11 27	11 57	3 9	2 55	3 46											
S 24	0s 9	17 38	1 22	4 44	1 49	18 59	2 24	7 41	5 34	0 4	1 33	17 15	1 59	10 7	0 38	3 35	1 21	1 28	16 26	11 26	11 58	3 5	2 54	3 46											
S 25	0 33	11 36	0 2	3 59	1 48	19 22	2 29	7 44	5 30	0 1	1 33	17 16	1 59	10 6	0 38	3 36	1 21	1 28	16 26	11 26	11 59	3 2	2 52	3 46											
M26	0 56	4 48	1s19	3 13	1 48	19 44	2 34	7 46	5 26	0s 2	1 33	17 17	1 59	10 5	0 38	3 37	1 21	1 27	16 26	11 26	12 0	2 59	2 51	3 46											
T 27	1 19	2s19	2 36	2 27	1 46	20 6	2 39	7 48	5 23	0 5	1 33	17 19	1 59	10 5	0 38	3 37	1 21	1 27	16 26	11 27	12 1	2 55	2 50	3 46											
W28	1 42	9 17	3 41	1 40	1 44	20 28	2 44	7 50	5 19	0 9	1 33	17 20	1 59	10 4	0 38	3 38	1 21	1 27	16 26	11 29	12 2	2 52	2 49	3 46											
T 29	2 5	15 38	4 30	0 53	1 41	20 49	2 49	7 52	5 14	0 12	1 33	17 22	1 58	10 3	0 38	3 39	1 21	1 26	16 27	11 30	12 4	2 49	2 48	3 46											
F 30	2s28	20s57	5s 1	0n 6	1n38	21s 9	2s54	7s53	5s10	0s15	1s33	17s23	1n58	10n 2	0s38	3s40	1n21	1n26	16s27	11s32	12s 5	2s45	2n46	3n45											

## ASTRODIENST EPHEMERIS for the year 2603

OCTOBER 2603

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 36 8	7♂13'20	28♂50	5♂23	23♂35	21°R51	2°R50	26♂33	27°R41	12♂30	18°R30	29°R38	28♂6	18♂53	28°R15	S 1
S 2	0 40 5	8°12'00	12♂36	7°14	24°35	21♂39	2♂42	26°39	27°R38	12°32	18♂29	29♂34	28° 3	19° 0	28♂12	S 2
M 3	0 44 2	9°10'41	25°53	9° 3	25°35	21°28	2°34	26°44	27°36	12°34	18°28	29°31	28° 0	19° 6	28°10	M 3
T 4	0 47 58	10° 9'23	8♂44	10°52	26°35	21°17	2°26	26°50	27°34	12°36	18°27	29°D30	27°57	19°13	28° 7	T 4
W 5	0 51 55	11° 8'08	21°13	12°40	27°34	21° 7	2°18	26°56	27°32	12°39	18°26	29°30	27°53	19°20	28° 4	W 5
T 6	0 55 51	12° 6'54	3♂24	14°27	28°33	20°58	2°11	27° 2	27°29	12°41	18°26	29°32	27°50	19°26	28° 2	T 6
F 7	0 59 48	13° 5'41	15°23	16°13	29°32	20°49	2° 3	27° 7	27°27	12°43	18°25	29°33	27°47	19°33	27°59	F 7
S 8	1 3 44	14° 4'30	27°14	17°58	0♂30	20°41	1°55	27°13	27°25	12°45	18°24	29°R34	27°44	19°40	27°56	S 8
S 9	1 7 41	15° 3'21	9♂1	19°42	1°28	20°34	1°48	27°19	27°22	12°48	18°23	29°34	27°41	19°46	27°54	S 9
M10	1 11 37	16° 2'14	20°49	21°25	2°25	20°27	1°40	27°25	27°20	12°50	18°22	29°31	27°38	19°53	27°51	M10
T 11	1 15 34	17° 1'09	2♂40	23° 7	3°22	20°21	1°33	27°31	27°17	12°52	18°21	29°27	27°34	19°59	27°48	T 11
W12	1 19 31	18° 0'05	14°37	24°49	4°18	20°16	1°25	27°37	27°15	12°54	18°20	29°20	27°31	20° 6	27°46	W12
T 13	1 23 27	18°59'04	26°40	26°29	5°14	20°12	1°18	27°43	27°13	12°56	18°19	29°11	27°28	20°13	27°43	T 13
F 14	1 27 24	19°58'04	8♂53	28° 9	6°10	20° 9	1°11	27°49	27°10	12°59	18°18	29° 2	27°25	20°19	27°41	F 14
S 15	1 31 20	20°57'07	21°15	29°48	7° 5	20° 6	1° 4	27°55	27° 8	13° 1	18°17	28°52	27°22	20°26	27°38	S 15
S 16	1 35 17	21°56'12	3♂48	1♂26	7°59	20° 4	0°57	28° 2	27° 5	13° 3	18°16	28°43	27°18	20°33	27°36	S 16
M17	1 39 13	22°55'19	16°32	3° 3	8°53	20° 3	0°50	28° 8	27° 3	13° 5	18°15	28°36	27°15	20°39	27°33	M17
T 18	1 43 10	23°54'28	29°30	4°39	9°46	20°D 3	0°43	28°14	27° 1	13° 8	18°14	28°31	27°12	20°46	27°31	T 18
W19	1 47 6	24°53'40	12♂43	6°15	10°39	20° 3	0°37	28°21	26°58	13°10	18°13	28°28	27° 9	20°53	27°28	W19
T 20	1 51 3	25°52'54	26°13	7°50	11°31	20° 4	0°30	28°27	26°56	13°12	18°12	28°D28	27° 6	20°59	27°26	T 20
F 21	1 55 0	26°52'10	10♂2	9°24	12°22	20° 6	0°24	28°34	26°53	13°14	18°11	28°28	27° 3	21° 6	27°24	F 21
S 22	1 58 56	27°51'29	24°11	10°58	13°13	20° 9	0°17	28°40	26°51	13°16	18°10	28°R29	26°59	21°13	27°21	S 22
S 23	2 2 53	28°50'49	8♂38	12°30	14° 3	20°13	0°11	28°47	26°49	13°18	18° 9	28°28	26°56	21°19	27°19	S 23
M24	2 6 49	29°50'12	23°22	14° 2	14°53	20°17	0° 5	28°53	26°46	13°21	18° 8	28°26	26°53	21°26	27°17	M24
T 25	2 10 46	0♂49'37	8♂16	15°34	15°41	20°22	29♂59	29° 0	26°44	13°23	18° 7	28°21	26°50	21°33	27°14	T 25
W26	2 14 42	1°49'05	23°14	17° 4	16°29	20°28	29°54	29° 6	26°41	13°25	18° 6	28°14	26°47	21°39	27°12	W26
T 27	2 18 39	2°48'34	8♂7	18°34	17°16	20°35	29°48	29°13	26°39	13°27	18° 5	28° 4	26°43	21°46	27°10	T 27
F 28	2 22 35	3°48'05	22°44	20° 4	18° 2	20°43	29°43	29°20	26°36	13°29	18° 4	27°54	26°40	21°53	27° 8	F 28
S 29	2 26 32	4°47'39	7♂1	21°32	18°48	20°51	29°38	29°26	26°34	13°31	18° 3	27°44	26°37	21°59	27° 6	S 29
S 30	2 30 29	5°47'14	20°50	23° 0	19°32	21° 0	29°33	29°33	26°32	13°33	18° 2	27°35	26°34	22° 6	27° 4	S 30
M31	2 34 25	6♂46'51	4♂12	24♂28	20♂15	21♂9	29♂28	29♂40	26♂29	13♂35	18♂0	27♂28	26♂31	22♂13	27♂2	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	2s51	24s54	5s11	0s42	1n34	21s30	2s59	7s54	5s 6	0s18	1s33	17s24	1n58	10n 2	0s38	3s41
S 2	3 15	27 15	5 3	1 29	1 30	21 49	3 4	7 55	5 2	0 21	1 33	17 26	1 58	10 1	0 38	3 42
M 3	3 38	27 57	4 39	2 16	1 25	22 9	3 8	7 55	4 57	0 24	1 33	17 27	1 58	10 0	0 38	3 43
T 4	4 1	27 6	4 1	3 3	1 21	22 28	3 13	7 56	4 53	0 27	1 33	17 29	1 58	9 59	0 38	3 43
W 5	4 24	24 53	3 13	3 50	1 15	22 46	3 18	7 55	4 48	0 31	1 33	17 30	1 57	9 58	0 38	3 44
T 6	4 46	21 34	2 17	4 36	1 10	23 4	3 23	7 55	4 43	0 34	1 33	17 32	1 57	9 57	0 38	3 45
F 7	5 9	17 23	1 16	5 22	1 4	23 21	3 27	7 54	4 38	0 37	1 33	17 33	1 57	9 57	0 38	3 46
S 8	5 32	12 36	0 13	6 6	0 58	23 38	3 32	7 53	4 34	0 40	1 33	17 35	1 57	9 56	0 38	3 47
S 9	5 55	7 22	0n51	6 52	0 52	23 55	3 36	7 51	4 29	0 43	1 33	17 36	1 57	9 55	0 38	3 48
M10	6 17	1 54	1 52	7 37	0 46	24 11	3 41	7 49	4 24	0 46	1 33	17 38	1 57	9 54	0 38	3 49
T 11	6 40	3n39	2 49	8 21	0 40	24 27	3 45	7 47	4 19	0 48	1 33	17 39	1 56	9 53	0 38	3 49
W12	7 2	9 6	3 39	9 4	0 33	24 42	3 49	7 44	4 14	0 51	1 33	17 41	1 56	9 52	0 38	3 50
T 13	7 25	14 16	4 19	9 47	0 26	24 56	3 54	7 41	4 9	0 54	1 33	17 42	1 56	9 52	0 38	3 51
F 14	7 47	18 57	4 47	10 29	0 20	25 10	3 58	7 38	4 4	0 57	1 33	17 44	1 56	9 51	0 38	3 52
S 15	8 9	22 53	5 3	11 10	0 13	25 24	4 2	7 35	3 59	1 0	1 32	17 45	1 56	9 50	0 38	3 53
S 16	8 31	25 50	5 5	11 51	0 6	25 37	4 6	7 31	3 54	1 2	1 32	17 47	1 56	9 49	0 38	3 54
M17	8 53	27 31	4 51	12 31	0s 1	25 49	4 10	7 27	3 50	1 5	1 32	17 48	1 56	9 48	0 38	3 55
T 18	9 15	27 44	4 23	13 10	0 8	26 1	4 13	7 22	3 45	1 7	1 32	17 50	1 55	9 47	0 38	3 55
W19	9 37	26 24	3 40	13 48	0 15	26 13	4 17	7 18	3 40	1 10	1 32	17 51	1 55	9 46	0 38	3 56
T 20	9 58	23 31	2 44	14 26	0 22	26 24	4 21	7 13	3 35	1 12	1 32	17 53	1 55	9 45	0 38	3 57
F 21	10 19	19 14	1 37	15 3	0 29	26 34	4 24	7 8	3 30	1 15	1 32	17 54	1 55	9 45	0 38	3 58
S 22	10 41	13 47	0 23	15 39	0 36	26 44	4 27	7 2	3 25	1 17	1 32	17 56	1 55	9 44	0 38	3 59
S 23	11 2	7 28	0s54	16 14	0 43	26 54	4 31	6 56	3 20	1 19	1 31	17 57	1 55	9 43	0 38	4 0
M24	11 23	0 39	2 9	16 48	0 50	27 3	4 34	6 50	3 16	1 22	1 31	17 59	1 55	9 42	0 38	4 0
T 25	11 44	6s16	3 16	17 21	0 57	27 11	4 37	6 44	3 11	1 24	1 31	18 0	1 54	9 41	0 38	4 1
W26	12 4	12 51	4 9	17 54	1 4	27 19	4 39	6 37	3 6	1 26	1 31	18 2	1 54	9 40	0 38	4 2
T 27	12 24	18 40	4 45	18 26	1 11	27 26	4 42	6 30	3 2	1 28	1 31	18 4	1 54	9 39	0 38	4 3
F 28	12 45	23 16	5 2	18 56	1 17	27 33	4 45	6 23	2 57	1 30	1 31	18 5	1 54	9 39	0 38	4 4
S 29	13 5	26 19	4 59	19 26	1 24	27 39	4 47	6 16	2 52	1 32	1 30	18 7	1 54	9 38	0 38	4 4
S 30	13 25	27 41	4 39	19 55	1 30	27 45	4 49	6 8	2 48	1 34	1 30	18 8	1 54	9 37	0 38	4 5
M31	13s44	27s21	4s 4	20s23	1s36	27s50	4s51	6s 0	2s43	1s35	1s30	18s10	1n54	9n36	0s38	4s 6

Julian Day Number = 2672058.5, Delta T = 20m27s

Ecliptic obliquity = 23°21'47", Nutation = 0°00'08"

Ayanamsha: Fagan/Bradley = 33°11'05", Lahiri = 32°18'05"

# ASTRODIENST EPHEMERIS for the year 2603

NOVEMBER 2603

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 38 22	7 <sup>h</sup> 46 <sup>m</sup> 30 <sup>s</sup>	17 <sup>h</sup> 37 <sup>m</sup> 7 <sup>s</sup>	25 <sup>h</sup> 11 <sup>m</sup> 54 <sup>s</sup>	20 <sup>h</sup> 27 <sup>m</sup> 58 <sup>s</sup>	21 <sup>h</sup> 11 <sup>m</sup> 20 <sup>s</sup>	29 <sup>h</sup> 02 <sup>m</sup> 23 <sup>s</sup>	29 <sup>h</sup> 11 <sup>m</sup> 47 <sup>s</sup>	26 <sup>h</sup> 02 <sup>m</sup> 27 <sup>s</sup>	13 <sup>h</sup> 02 <sup>m</sup> 38 <sup>s</sup>	17 <sup>h</sup> 05 <sup>m</sup> 59 <sup>s</sup>	27 <sup>h</sup> 02 <sup>m</sup> 24 <sup>s</sup>	26 <sup>h</sup> 02 <sup>m</sup> 28 <sup>s</sup>	22 <sup>h</sup> 11 <sup>m</sup> 19 <sup>s</sup>	27 <sup>h</sup> 02 <sup>m</sup> 00 <sup>s</sup>	T 1
W 2	2 42 18	8 <sup>h</sup> 46 <sup>m</sup> 10 <sup>s</sup>	29 <sup>h</sup> 38 <sup>m</sup>	27 <sup>h</sup> 20 <sup>m</sup>	21 <sup>h</sup> 39 <sup>m</sup>	21 <sup>h</sup> 31 <sup>m</sup>	29 <sup>h</sup> 11 <sup>m</sup> 19 <sup>s</sup>	29 <sup>h</sup> 05 <sup>m</sup> 54 <sup>s</sup>	26 <sup>h</sup> 02 <sup>m</sup> 25 <sup>s</sup>	13 <sup>h</sup> 40 <sup>m</sup>	17 <sup>h</sup> 05 <sup>m</sup> 58 <sup>s</sup>	27 <sup>h</sup> 02 <sup>m</sup> 22 <sup>s</sup>	26 <sup>h</sup> 02 <sup>m</sup> 24 <sup>s</sup>	22 <sup>h</sup> 26 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 58 <sup>s</sup>	W 2
T 3	2 46 15	9 <sup>h</sup> 45 <sup>m</sup> 52 <sup>s</sup>	11 <sup>h</sup> 04 <sup>m</sup> 55 <sup>s</sup>	28 <sup>h</sup> 45 <sup>m</sup>	22 <sup>h</sup> 19 <sup>m</sup>	21 <sup>h</sup> 43 <sup>m</sup>	29 <sup>h</sup> 14 <sup>m</sup>	0 <sup>h</sup> 01 <sup>m</sup> 1 <sup>s</sup>	26 <sup>h</sup> 02 <sup>m</sup> 22 <sup>s</sup>	13 <sup>h</sup> 42 <sup>m</sup>	17 <sup>h</sup> 05 <sup>m</sup> 57 <sup>s</sup>	27 <sup>h</sup> 02 <sup>m</sup> 22 <sup>s</sup>	26 <sup>h</sup> 02 <sup>m</sup> 21 <sup>s</sup>	22 <sup>h</sup> 33 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 56 <sup>s</sup>	T 3
F 4	2 50 11	10 <sup>h</sup> 45 <sup>m</sup> 35 <sup>s</sup>	23 <sup>h</sup> 48 <sup>m</sup>	0 <sup>h</sup> 01 <sup>m</sup> 9 <sup>s</sup>	22 <sup>h</sup> 59 <sup>m</sup>	21 <sup>h</sup> 55 <sup>m</sup>	29 <sup>h</sup> 10 <sup>m</sup>	0 <sup>h</sup> 08 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 20 <sup>s</sup>	13 <sup>h</sup> 44 <sup>m</sup>	17 <sup>h</sup> 05 <sup>m</sup> 56 <sup>s</sup>	27 <sup>h</sup> 02 <sup>m</sup> 22 <sup>s</sup>	26 <sup>h</sup> 02 <sup>m</sup> 18 <sup>s</sup>	22 <sup>h</sup> 39 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 54 <sup>s</sup>	F 4
S 5	2 54 8	11 <sup>h</sup> 45 <sup>m</sup> 21 <sup>s</sup>	5 <sup>h</sup> 13 <sup>m</sup> 38 <sup>s</sup>	1 <sup>h</sup> 32 <sup>m</sup>	23 <sup>h</sup> 37 <sup>m</sup>	22 <sup>h</sup> 08 <sup>m</sup>	29 <sup>h</sup> 06 <sup>m</sup>	0 <sup>h</sup> 14 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 17 <sup>s</sup>	13 <sup>h</sup> 46 <sup>m</sup>	17 <sup>h</sup> 05 <sup>m</sup> 55 <sup>s</sup>	27 <sup>h</sup> 02 <sup>m</sup> 22 <sup>s</sup>	26 <sup>h</sup> 02 <sup>m</sup> 15 <sup>s</sup>	22 <sup>h</sup> 46 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 53 <sup>s</sup>	S 5
S 6	2 58 4	12 <sup>h</sup> 45 <sup>m</sup> 08 <sup>s</sup>	17 <sup>h</sup> 26 <sup>m</sup>	2 <sup>h</sup> 55 <sup>m</sup>	24 <sup>h</sup> 13 <sup>m</sup>	22 <sup>h</sup> 22 <sup>m</sup>	29 <sup>h</sup> 02 <sup>m</sup>	0 <sup>h</sup> 21 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 15 <sup>s</sup>	13 <sup>h</sup> 48 <sup>m</sup>	17 <sup>h</sup> 05 <sup>m</sup> 54 <sup>s</sup>	27 <sup>h</sup> 02 <sup>m</sup> 20 <sup>s</sup>	26 <sup>h</sup> 02 <sup>m</sup> 12 <sup>s</sup>	22 <sup>h</sup> 53 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 51 <sup>s</sup>	S 6
M 7	3 2 1	13 <sup>h</sup> 44 <sup>m</sup> 56 <sup>s</sup>	29 <sup>h</sup> 15 <sup>m</sup>	4 <sup>h</sup> 16 <sup>m</sup>	24 <sup>h</sup> 49 <sup>m</sup>	22 <sup>h</sup> 36 <sup>m</sup>	28 <sup>h</sup> 59 <sup>m</sup>	0 <sup>h</sup> 28 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 13 <sup>s</sup>	13 <sup>h</sup> 50 <sup>m</sup>	17 <sup>h</sup> 05 <sup>m</sup> 53 <sup>s</sup>	27 <sup>h</sup> 02 <sup>m</sup> 16 <sup>s</sup>	26 <sup>h</sup> 02 <sup>m</sup> 09 <sup>s</sup>	22 <sup>h</sup> 59 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 49 <sup>s</sup>	M 7
T 8	3 5 58	14 <sup>h</sup> 44 <sup>m</sup> 47 <sup>s</sup>	11 <sup>h</sup> 10 <sup>m</sup>	5 <sup>h</sup> 37 <sup>m</sup>	25 <sup>h</sup> 23 <sup>m</sup>	22 <sup>h</sup> 51 <sup>m</sup>	28 <sup>h</sup> 55 <sup>m</sup>	0 <sup>h</sup> 35 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 11 <sup>s</sup>	13 <sup>h</sup> 52 <sup>m</sup>	17 <sup>h</sup> 05 <sup>m</sup> 52 <sup>s</sup>	27 <sup>h</sup> 02 <sup>m</sup> 09 <sup>s</sup>	26 <sup>h</sup> 02 <sup>m</sup> 05 <sup>s</sup>	23 <sup>h</sup> 06 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 48 <sup>s</sup>	T 8
W 9	3 9 54	15 <sup>h</sup> 44 <sup>m</sup> 39 <sup>s</sup>	23 <sup>h</sup> 14 <sup>m</sup>	6 <sup>h</sup> 56 <sup>m</sup>	25 <sup>h</sup> 55 <sup>m</sup>	23 <sup>h</sup> 07 <sup>m</sup>	28 <sup>h</sup> 52 <sup>m</sup>	0 <sup>h</sup> 42 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 08 <sup>s</sup>	13 <sup>h</sup> 54 <sup>m</sup>	17 <sup>h</sup> 05 <sup>m</sup> 50 <sup>s</sup>	26 <sup>h</sup> 02 <sup>m</sup> 59 <sup>s</sup>	26 <sup>h</sup> 02 <sup>m</sup> 02 <sup>s</sup>	23 <sup>h</sup> 13 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 46 <sup>s</sup>	W 9
T 10	3 13 51	16 <sup>h</sup> 44 <sup>m</sup> 33 <sup>s</sup>	5 <sup>h</sup> 08 <sup>m</sup> 29 <sup>s</sup>	8 <sup>h</sup> 15 <sup>m</sup>	26 <sup>h</sup> 27 <sup>m</sup>	23 <sup>h</sup> 23 <sup>m</sup>	28 <sup>h</sup> 49 <sup>m</sup>	0 <sup>h</sup> 49 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 06 <sup>s</sup>	13 <sup>h</sup> 56 <sup>m</sup>	17 <sup>h</sup> 04 <sup>m</sup> 59 <sup>s</sup>	26 <sup>h</sup> 02 <sup>m</sup> 47 <sup>s</sup>	25 <sup>h</sup> 59 <sup>m</sup>	23 <sup>h</sup> 19 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 44 <sup>s</sup>	T 10
F 11	3 17 47	17 <sup>h</sup> 44 <sup>m</sup> 28 <sup>s</sup>	17 <sup>h</sup> 56 <sup>m</sup>	9 <sup>h</sup> 32 <sup>m</sup>	26 <sup>h</sup> 56 <sup>m</sup>	23 <sup>h</sup> 40 <sup>m</sup>	28 <sup>h</sup> 46 <sup>m</sup>	0 <sup>h</sup> 56 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 04 <sup>s</sup>	13 <sup>h</sup> 58 <sup>m</sup>	17 <sup>h</sup> 04 <sup>m</sup> 48 <sup>s</sup>	26 <sup>h</sup> 02 <sup>m</sup> 34 <sup>s</sup>	25 <sup>h</sup> 56 <sup>m</sup>	23 <sup>h</sup> 26 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 43 <sup>s</sup>	F 11
S 12	3 21 44	18 <sup>h</sup> 44 <sup>m</sup> 26 <sup>s</sup>	0 <sup>h</sup> 11 <sup>m</sup> 36 <sup>s</sup>	10 <sup>h</sup> 48 <sup>m</sup>	27 <sup>h</sup> 25 <sup>m</sup>	23 <sup>h</sup> 57 <sup>m</sup>	28 <sup>h</sup> 44 <sup>m</sup>	1 <sup>h</sup> 04 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 02 <sup>s</sup>	13 <sup>h</sup> 59 <sup>m</sup>	17 <sup>h</sup> 04 <sup>m</sup> 47 <sup>s</sup>	26 <sup>h</sup> 02 <sup>m</sup> 20 <sup>s</sup>	25 <sup>h</sup> 53 <sup>m</sup>	23 <sup>h</sup> 33 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 41 <sup>s</sup>	S 12
S 13	3 25 40	19 <sup>h</sup> 44 <sup>m</sup> 26 <sup>s</sup>	13 <sup>h</sup> 27 <sup>m</sup>	12 <sup>h</sup> 02 <sup>m</sup>	27 <sup>h</sup> 51 <sup>m</sup>	24 <sup>h</sup> 15 <sup>m</sup>	28 <sup>h</sup> 41 <sup>m</sup>	1 <sup>h</sup> 11 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 00 <sup>s</sup>	14 <sup>h</sup> 01 <sup>m</sup>	17 <sup>h</sup> 04 <sup>m</sup> 46 <sup>s</sup>	26 <sup>h</sup> 02 <sup>m</sup> 07 <sup>s</sup>	25 <sup>h</sup> 49 <sup>m</sup>	23 <sup>h</sup> 39 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 40 <sup>s</sup>	S 13
M14	3 29 37	20 <sup>h</sup> 44 <sup>m</sup> 27 <sup>s</sup>	26 <sup>h</sup> 30 <sup>m</sup>	13 <sup>h</sup> 14 <sup>m</sup>	28 <sup>h</sup> 16 <sup>m</sup>	24 <sup>h</sup> 33 <sup>m</sup>	28 <sup>h</sup> 39 <sup>m</sup>	1 <sup>h</sup> 18 <sup>m</sup>	25 <sup>h</sup> 57 <sup>m</sup>	14 <sup>h</sup> 03 <sup>m</sup>	17 <sup>h</sup> 04 <sup>m</sup> 45 <sup>s</sup>	25 <sup>h</sup> 56 <sup>m</sup>	25 <sup>h</sup> 46 <sup>m</sup>	23 <sup>h</sup> 46 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 39 <sup>s</sup>	M14
T 15	3 33 33	21 <sup>h</sup> 44 <sup>m</sup> 31 <sup>s</sup>	9 <sup>h</sup> 02 <sup>m</sup> 43 <sup>s</sup>	14 <sup>h</sup> 25 <sup>m</sup>	28 <sup>h</sup> 39 <sup>m</sup>	24 <sup>h</sup> 52 <sup>m</sup>	28 <sup>h</sup> 37 <sup>m</sup>	1 <sup>h</sup> 25 <sup>m</sup>	25 <sup>h</sup> 55 <sup>m</sup>	14 <sup>h</sup> 05 <sup>m</sup>	17 <sup>h</sup> 04 <sup>m</sup> 44 <sup>s</sup>	25 <sup>h</sup> 54 <sup>m</sup>	25 <sup>h</sup> 43 <sup>m</sup>	23 <sup>h</sup> 53 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 37 <sup>s</sup>	T 15
W16	3 37 30	22 <sup>h</sup> 44 <sup>m</sup> 37 <sup>s</sup>	23 <sup>h</sup> 08 <sup>m</sup>	15 <sup>h</sup> 33 <sup>m</sup>	29 <sup>h</sup> 00 <sup>m</sup>	25 <sup>h</sup> 12 <sup>m</sup>	28 <sup>h</sup> 35 <sup>m</sup>	1 <sup>h</sup> 32 <sup>m</sup>	25 <sup>h</sup> 53 <sup>m</sup>	14 <sup>h</sup> 07 <sup>m</sup>	17 <sup>h</sup> 04 <sup>m</sup> 43 <sup>s</sup>	25 <sup>h</sup> 53 <sup>m</sup>	25 <sup>h</sup> 40 <sup>m</sup>	23 <sup>h</sup> 59 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 36 <sup>s</sup>	W16
T 17	3 41 27	23 <sup>h</sup> 44 <sup>m</sup> 44 <sup>s</sup>	6 <sup>h</sup> 02 <sup>m</sup> 43 <sup>s</sup>	16 <sup>h</sup> 40 <sup>m</sup>	29 <sup>h</sup> 20 <sup>m</sup>	25 <sup>h</sup> 32 <sup>m</sup>	28 <sup>h</sup> 34 <sup>m</sup>	1 <sup>h</sup> 39 <sup>m</sup>	25 <sup>h</sup> 51 <sup>m</sup>	14 <sup>h</sup> 09 <sup>m</sup>	17 <sup>h</sup> 04 <sup>m</sup> 41 <sup>s</sup>	25 <sup>h</sup> 51 <sup>m</sup>	25 <sup>h</sup> 37 <sup>m</sup>	24 <sup>h</sup> 06 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 35 <sup>s</sup>	T 17
F 18	3 45 23	24 <sup>h</sup> 44 <sup>m</sup> 54 <sup>s</sup>	20 <sup>h</sup> 30 <sup>m</sup>	17 <sup>h</sup> 43 <sup>m</sup>	29 <sup>h</sup> 37 <sup>m</sup>	25 <sup>h</sup> 52 <sup>m</sup>	28 <sup>h</sup> 32 <sup>m</sup>	1 <sup>h</sup> 46 <sup>m</sup>	25 <sup>h</sup> 49 <sup>m</sup>	14 <sup>h</sup> 11 <sup>m</sup>	17 <sup>h</sup> 04 <sup>m</sup> 40 <sup>s</sup>	25 <sup>h</sup> 50 <sup>m</sup>	25 <sup>h</sup> 34 <sup>m</sup>	24 <sup>h</sup> 13 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 34 <sup>s</sup>	F 18
S 19	3 49 20	25 <sup>h</sup> 45 <sup>m</sup> 05 <sup>s</sup>	4 <sup>h</sup> 10 <sup>m</sup> 29 <sup>s</sup>	18 <sup>h</sup> 44 <sup>m</sup>	29 <sup>h</sup> 53 <sup>m</sup>	26 <sup>h</sup> 13 <sup>m</sup>	28 <sup>h</sup> 31 <sup>m</sup>	1 <sup>h</sup> 53 <sup>m</sup>	25 <sup>h</sup> 47 <sup>m</sup>	14 <sup>h</sup> 12 <sup>m</sup>	17 <sup>h</sup> 03 <sup>m</sup> 39 <sup>s</sup>	25 <sup>h</sup> 40 <sup>m</sup>	25 <sup>h</sup> 30 <sup>m</sup>	24 <sup>h</sup> 19 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 33 <sup>s</sup>	S 19
S 20	3 53 16	26 <sup>h</sup> 45 <sup>m</sup> 19 <sup>s</sup>	18 <sup>h</sup> 40 <sup>m</sup>	19 <sup>h</sup> 42 <sup>m</sup>	0 <sup>h</sup> 03 <sup>m</sup> 06 <sup>s</sup>	26 <sup>h</sup> 34 <sup>m</sup>	28 <sup>h</sup> 30 <sup>m</sup>	2 <sup>h</sup> 01 <sup>m</sup>	25 <sup>h</sup> 45 <sup>m</sup>	14 <sup>h</sup> 14 <sup>m</sup>	17 <sup>h</sup> 03 <sup>m</sup> 38 <sup>s</sup>	25 <sup>h</sup> 39 <sup>m</sup>	25 <sup>h</sup> 27 <sup>m</sup>	24 <sup>h</sup> 26 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 32 <sup>s</sup>	S 20
M21	3 57 13	27 <sup>h</sup> 45 <sup>m</sup> 35 <sup>s</sup>	3 <sup>h</sup> 02 <sup>m</sup> 02 <sup>s</sup>	20 <sup>h</sup> 36 <sup>m</sup>	0 <sup>h</sup> 18 <sup>m</sup>	26 <sup>h</sup> 56 <sup>m</sup>	28 <sup>h</sup> 29 <sup>m</sup>	2 <sup>h</sup> 08 <sup>m</sup>	25 <sup>h</sup> 43 <sup>m</sup>	14 <sup>h</sup> 16 <sup>m</sup>	17 <sup>h</sup> 03 <sup>m</sup> 37 <sup>s</sup>	25 <sup>h</sup> 36 <sup>m</sup>	25 <sup>h</sup> 24 <sup>m</sup>	24 <sup>h</sup> 33 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 31 <sup>s</sup>	M21
T 22	4 1 9	28 <sup>h</sup> 45 <sup>m</sup> 53 <sup>s</sup>	17 <sup>h</sup> 32 <sup>m</sup>	21 <sup>h</sup> 26 <sup>m</sup>	0 <sup>h</sup> 27 <sup>m</sup>	27 <sup>h</sup> 19 <sup>m</sup>	28 <sup>h</sup> 28 <sup>m</sup>	2 <sup>h</sup> 15 <sup>m</sup>	25 <sup>h</sup> 41 <sup>m</sup>	14 <sup>h</sup> 18 <sup>m</sup>	17 <sup>h</sup> 03 <sup>m</sup> 36 <sup>s</sup>	25 <sup>h</sup> 30 <sup>m</sup>	25 <sup>h</sup> 21 <sup>m</sup>	24 <sup>h</sup> 39 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 30 <sup>s</sup>	T 22
W23	4 5 6	29 <sup>h</sup> 46 <sup>m</sup> 12 <sup>s</sup>	2 <sup>h</sup> 10 <sup>m</sup> 06 <sup>s</sup>	22 <sup>h</sup> 11 <sup>m</sup>	0 <sup>h</sup> 34 <sup>m</sup>	27 <sup>h</sup> 41 <sup>m</sup>	28 <sup>h</sup> 28 <sup>m</sup>	2 <sup>h</sup> 22 <sup>m</sup>	25 <sup>h</sup> 39 <sup>m</sup>	14 <sup>h</sup> 19 <sup>m</sup>	17 <sup>h</sup> 03 <sup>m</sup> 35 <sup>s</sup>	25 <sup>h</sup> 22 <sup>m</sup>	25 <sup>h</sup> 18 <sup>m</sup>	24 <sup>h</sup> 46 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 29 <sup>s</sup>	W23
T 24	4 9 2	0 <sup>h</sup> 02 <sup>m</sup> 46 <sup>s</sup> 34 <sup>s</sup>	16 <sup>h</sup> 36 <sup>m</sup>	22 <sup>h</sup> 51 <sup>m</sup>	0 <sup>h</sup> 39 <sup>m</sup>	28 <sup>h</sup> 04 <sup>m</sup>	28 <sup>h</sup> 02 <sup>m</sup> 28 <sup>s</sup>	2 <sup>h</sup> 29 <sup>m</sup>	25 <sup>h</sup> 37 <sup>m</sup>	14 <sup>h</sup> 21 <sup>m</sup>	17 <sup>h</sup> 03 <sup>m</sup> 34 <sup>s</sup>	25 <sup>h</sup> 11 <sup>m</sup>	25 <sup>h</sup> 15 <sup>m</sup>	24 <sup>h</sup> 52 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 28 <sup>s</sup>	T 24
F 25	4 12 59	1 <sup>h</sup> 46 <sup>m</sup> 57 <sup>s</sup>	0 <sup>h</sup> 02 <sup>m</sup> 57 <sup>s</sup>	23 <sup>h</sup> 26 <sup>m</sup>	0 <sup>h</sup> 41 <sup>m</sup>	28 <sup>h</sup> 28 <sup>m</sup>	28 <sup>h</sup> 28 <sup>m</sup>	2 <sup>h</sup> 37 <sup>m</sup>	25 <sup>h</sup> 36 <sup>m</sup>	14 <sup>h</sup> 23 <sup>m</sup>	17 <sup>h</sup> 03 <sup>m</sup> 33 <sup>s</sup>	24 <sup>h</sup> 58 <sup>m</sup>	25 <sup>h</sup> 11 <sup>m</sup>	24 <sup>h</sup> 59 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 27 <sup>s</sup>	F 25
S 26	4 16 56	2 <sup>h</sup> 47 <sup>m</sup> 22 <sup>s</sup>	15 <sup>h</sup> 02 <sup>m</sup>	23 <sup>h</sup> 54 <sup>m</sup>	0 <sup>h</sup> 04 <sup>m</sup> 11 <sup>s</sup>	28 <sup>h</sup> 52 <sup>m</sup>	28 <sup>h</sup> 28 <sup>m</sup>	2 <sup>h</sup> 44 <sup>m</sup>	25 <sup>h</sup> 34 <sup>m</sup>	14 <sup>h</sup> 24 <sup>m</sup>	17 <sup>h</sup> 03 <sup>m</sup> 32 <sup>s</sup>	24 <sup>h</sup> 46 <sup>m</sup>	25 <sup>h</sup> 08 <sup>m</sup>	25 <sup>h</sup> 06 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 27 <sup>s</sup>	S 26
S 27	4 20 52	3 <sup>h</sup> 47 <sup>m</sup> 48 <sup>s</sup>	28 <sup>h</sup> 45 <sup>m</sup>	24 <sup>h</sup> 15 <sup>m</sup>	0 <sup>h</sup> 39 <sup>m</sup>	29 <sup>h</sup> 16 <sup>m</sup>	28 <sup>h</sup> 29 <sup>m</sup>	2 <sup>h</sup> 51 <sup>m</sup>	25 <sup>h</sup> 32 <sup>m</sup>	14 <sup>h</sup> 26 <sup>m</sup>	17 <sup>h</sup> 03 <sup>m</sup> 30 <sup>s</sup>	24 <sup>h</sup> 35 <sup>m</sup>	25 <sup>h</sup> 05 <sup>m</sup>	25 <sup>h</sup> 12 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 26 <sup>s</sup>	S 27
M28	4 24 49	4 <sup>h</sup> 48 <sup>m</sup> 16 <sup>s</sup>	12 <sup>h</sup> 03 <sup>m</sup> 04 <sup>s</sup>	24 <sup>h</sup> 28 <sup>m</sup>	0 <sup>h</sup> 34 <sup>m</sup>	29 <sup>h</sup> 41 <sup>m</sup>	28 <sup>h</sup> 29 <sup>m</sup>	2 <sup>h</sup> 58 <sup>m</sup>	25 <sup>h</sup> 30 <sup>m</sup>	14 <sup>h</sup> 27 <sup>m</sup>	17 <sup>h</sup> 02 <sup>m</sup> 29 <sup>s</sup>	24 <sup>h</sup> 26 <sup>m</sup>	25 <sup>h</sup> 02 <sup>m</sup>	25 <sup>h</sup> 19 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 25 <sup>s</sup>	M28
T 29	4 28 45	5 <sup>h</sup> 48 <sup>m</sup> 45 <sup>s</sup>	24 <sup>h</sup> 59 <sup>m</sup>	24 <sup>h</sup> 03 <sup>m</sup> 33 <sup>s</sup>	0 <sup>h</sup> 27 <sup>m</sup>	0 <sup>h</sup> 07 <sup>m</sup> 07 <sup>s</sup>	28 <sup>h</sup> 30 <sup>m</sup>	3 <sup>h</sup> 05 <sup>m</sup>	25 <sup>h</sup> 29 <sup>m</sup>	14 <sup>h</sup> 29 <sup>m</sup>	17 <sup>h</sup> 02 <sup>m</sup> 28 <sup>s</sup>	24 <sup>h</sup> 20 <sup>m</sup>	24 <sup>h</sup> 59 <sup>m</sup>	25 <sup>h</sup> 26 <sup>m</sup>	26 <sup>h</sup> 02 <sup>m</sup> 25 <sup>s</sup>	T 29
W30	4 32 42	6 <sup>h</sup> 02 <sup>m</sup> 49 <sup>s</sup> 16 <sup>s</sup>	7 <sup>h</sup> 02 <sup>m</sup> 32 <sup>s</sup>	24 <sup>h</sup> 02 <sup>m</sup> 28 <sup>s</sup>	0 <sup>h</sup> 03 <sup>m</sup> 17 <sup>s</sup>	0 <sup>h</sup> 07 <sup>m</sup> 32 <sup>s</sup>	28 <sup>h</sup> 31 <sup>m</sup>	3 <sup>h</sup> 07 <sup>m</sup> 12 <sup>s</sup>	25 <sup>h</sup> 27 <sup>m</sup> 27 <sup>s</sup>	14 <sup>h</sup> 02 <sup>m</sup> 31 <sup>s</sup>	17 <sup>h</sup> 02 <sup>m</sup> 27 <sup>s</sup>	24 <sup>h</sup> 02 <sup>m</sup> 17 <sup>s</sup>	24 <sup>h</sup> 02 <sup>m</sup> 55 <sup>s</sup>	25 <sup>h</sup> 02 <sup>m</sup> 32 <sup>s</sup>	26 <sup>h</sup> 02 <sup>m</sup> 24 <sup>s</sup>	W30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	14s 4	25s32	3s17	20s50	1s42	27s55	4s53	5s52	2s39	1s37	1s30	18s11	1n54	9n35	0s38	4s 7	1n21	1n14	16s31	12s20	12s39	0s58	2n11	3n40						
W 2	14 23	22 29	2 22	21 15	1 48	28 0	4 54	5 44	2 35	1 39	1 30	18 13	1 54	9 34	0 38	4 8	1 21	1 13	16 31	12 21	12 40	0 55	2 10	3 40						
T 3	14 42	18 30	1 22	21 40	1 54	28 3	4 56	5 35	2 30	1 40	1 30	18 14	1 53	9 34	0 38	4 8	1 21	1 13	16 31	12 21	12 42	0 51	2 9	3 40						
F 4	15 0	13 51	0 19	22 4	2 0	28 7	4 57	5 26	2 26	1 42	1 29	18 16	1 53	9 33	0 38	4 9	1 21	1 13	16 31	12 21	12 43	0 48	2 8	3 39						
S 5	15 19	8 44	0n44	22 27	2 5	28 10	4 58	5 17	2 22	1 43	1 29	18 17	1 53	9 32	0 38	4 10	1 21	1 13	16 31	12 21	12 44	0 45	2 7	3 39						
S 6	15 37	3 21	1 44	22 48	2 10	28 12	4 58	5 8	2 18	1 44	1 29	18 19	1 53	9 31	0 38	4 11	1 21	1 12	16 31	12 22	12 45	0 41	2 6	3 39						
M 7	15 55	2n 9	2 40	23 8	2 15	28 14	4 59	4 58	2 14	1 46	1 29	18 20	1 53	9 30	0 38	4 11	1 21	1 12	16 31	12 23	12 46	0 38	2 5	3 39						
T 8	16 13	7 37	3 30	23 28	2 20	28 15	4 59	4 49	2 10	1 47	1 28	18 22	1 53	9 29	0 38	4 12	1 21	1 12	16 31	12 25	12 47	0 35	2 4	3 39						
W 9	16 30	12 52	4 10	23 46	2 24	28 16	4 58	4 39	2 6	1 48	1 28	18 23	1 53	9 29	0 38	4 13	1 21	1 11	16 31	12 29	12 48	0 31	2 4	3 38						
T 10	16 47	17 42	4 40	24 3	2 28	28 17	4 58	4 29	2 2	1 49	1 28	18 25	1 53	9 28	0 38	4 14	1 21	1 11	16 31	12 33	12 49	0 28	2 3	3 38						
F 11	17 4	21 52	4 57	24 18	2 32	28 17	4 57	4 19	1 58	1 50	1 28	18 26	1 53	9 27	0 38	4 14	1 21	1 11	16 31	12 37	12 50	0 25	2 2	3 38						
S 12	17 21	25 5	4 59	24 33	2 35	28 16	4 56	4 9	1 54	1 51	1 28	18 28	1 53	9 26	0 38	4 15	1 21	1 11	16 31	12 42	12 51	0 21	2 1	3 38						
S 13	17 37	27 5	4 47	24 46	2 38	28 16	4 55	3 58	1 50	1 51	1 27	18 29	1 53	9 26	0 38	4 16	1 22	1 10	16 31	12 46	12 52	0 18	2 0	3 37						
M14	17 53	27 38	4 19	24 58	2 40	28 14	4 53	3 47	1 47	1 52	1 27	18 31	1 53	9 25	0 37	4 16	1 22	1 10	16 31	12 50	12 53	0 15	2 0	3 37						
T 15	18 9	26 37	3 37	25 9	2 42	28 12	4 51	3 37	1 43	1 53	1 27	18 32	1 53	9 24	0 37	4 17	1 22	1 10	16 31	12 53	12 54	0 11	1 59	3 37						
W16	18 24	24 4	2 43	25 18	2 44	28 10	4 49	3 26	1 40	1 53	1 27	18 34	1 52	9 23	0 37	4 18	1 22	1 10	16 31	12 54	12 55	0 8	1 58	3 37						
T 17	18 39	20 7	1 38	25 26	2 45	28 7	4 46	3 15	1 36	1 54	1 26	18 35	1 52	9 23	0 37	4 18	1 22	1 9	16 31	12 55	12 57	0 5	1 57	3 36						
F 18	18 54	15 3	0 27	25 32	2 45	28 4	4 42	3 3	1 33	1 54	1 26	18 37	1 52	9 22	0 37	4 19	1 22	1 9	16 31	12 55	12 58	0 1	1 57	3 36						
S 19	19 8	9 7	0s46	25 38	2 45	28 0	4 39	2 52	1 29	1 54	1 26	18 38	1 52	9 21	0 37	4 20	1 22	1 9	16 31	12 55	12 59	0n 2	1 56	3 36						
S 20	19 22	2 39	1 58	25 41	2 44	27 56	4 35	2 40	1 26	1 54	1 26	18 40	1 52	9 20	0 37	4 20	1 22	1 9	16 31	12 56	13 0	0 5	1 55	3 36						
M21	19 36	4s 1	3 4	25 44	2 42	27 52	4 30	2 29	1 23	1 54	1 25	18 41	1 52	9 20	0 37	4 21	1 22	1 8	16 31	12 57	13 1	0 9	1 55	3 35						
T 22	19 49	10 31	3 58	25 45	2 40	27 47	4 25	2 17	1 19	1 55	1 25	18 43	1 52	9 19	0 37	4 22	1 22	1 8	16 31	12 59	13 2	0 12	1 54	3 35						
W23	20 2	16 29	4 36	25 44	2 36	27 41	4 19	2 5	1 16	1 54	1 25	18 44	1 52	9 18	0 37	4 22	1 22	1 8	16 31	13 2	13 3	0 15	1 54	3 35						
T 24	20 15	21 29	4 57	25 42	2 32	27 35	4 13	1 53	1 13	1 54	1 25	18 46	1 52	9 18	0 37	4 23	1 22	1 8	16 31	13 3	13 4	0 19	1 53	3 35						
F 25	20 27	25 9	4 59	25 38	2 26	27 28	4 7	1 41	1 10	1 54	1 24	18 47	1 52	9 17	0 37	4 23	1 22	1 8	16 30	13 9	13 5	0 22	1 53	3 34						
S 26	20 39	27 12	4 42	25 33	2 20	27 21	4 0	1 29	1 7	1 54	1 24	18 48	1 52	9 16	0 37	4 24	1 22	1 7	16 30	13 14	13 6	0 25	1 52	3 34						
S 27	20 51	27 31	4 9	25 26	2 12	27 14	3 52	1 16	1 4	1 53	1 24	18 50	1 52	9 16	0 37	4 25	1 22	1 7	16 30	13 17	13 7	0 29	1 52	3 34						
M28	21 2	26 12	3 24	25 17	2 3	27 6	3 44	1 4	1 1	1 53	1 24	18 51	1 52	9 15	0 37	4 25	1 22	1 7	16 30	13 20	13 8	0 32	1 51	3 34						
T 29	21 12	23 30	2 28	25 7	1 52	26 57	3 35	0 51	0 58	1 52	1 23	18 53	1 52	9 15	0 37	4 26	1 22	1 7	16 30	13 22	13 9	0 35	1 51	3 33						
W30	21s23	19s44	1s28	24s55	1s40	26s48	3s26	0s38	0s56	1s52	1s23	18s54	1n52	9n14	0s37	4s26	1n22	1n 7	16s30	13s23	13s10	0n39	1n50	3n33						

## ASTRODIENST EPHEMERIS for the year 2603

DECEMBER 2603

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 36 38	7°49'48	19°46	24°R13	0°R 5	0°Y58	28°H32	3°J20	25°R25	14°Ω32	17°R26	24°D16	24°Ω52	25°H39	26°R24	T 1
F 2	4 40 35	8°50'21	1°H46	23°J48	29°J50	1°24	28°34	3°27	25°Y24	14°34	17°J25	24°Ω16	24°49	25°46	26°H23	F 2
S 3	4 44 31	9°50'55	13°37	23°12	29°33	1°51	28°36	3°34	25°22	14°35	17°24	24°R16	24°46	25°52	26°23	S 3
S 4	4 48 28	10°51'30	25°26	22°25	29°14	2°18	28°37	3°41	25°21	14°36	17°23	24°15	24°43	25°59	26°23	S 4
M 5	4 52 25	11°52'06	7°Y16	21°29	28°52	2°45	28°40	3°48	25°19	14°38	17°22	24°12	24°40	26° 6	26°23	M 5
T 6	4 56 21	12°52'44	19°14	20°23	28°28	3°13	28°42	3°55	25°18	14°39	17°21	24° 7	24°36	26°12	26°23	T 6
W 7	5 0 18	13°53'22	1°J24	19°10	28° 2	3°41	28°44	4° 3	25°16	14°41	17°20	23°58	24°33	26°19	26°22	W 7
T 8	5 4 14	14°54'02	13°48	17°51	27°34	4° 9	28°47	4°10	25°15	14°42	17°19	23°48	24°30	26°26	26°D22	T 8
F 9	5 8 11	15°54'43	26°28	16°29	27° 5	4°37	28°50	4°17	25°14	14°43	17°18	23°36	24°27	26°32	26°22	F 9
S 10	5 12 7	16°55'26	9°J25	15° 6	26°33	5° 6	28°53	4°24	25°13	14°44	17°17	23°24	24°24	26°39	26°23	S 10
S 11	5 16 4	17°56'09	22°37	13°46	26° 1	5°35	28°56	4°31	25°11	14°46	17°16	23°12	24°21	26°46	26°23	S 11
M12	5 20 0	18°56'54	6°J 4	12°31	25°27	6° 4	29° 0	4°38	25°10	14°47	17°15	23° 2	24°17	26°52	26°23	M12
T 13	5 23 57	19°57'40	19°42	11°24	24°52	6°34	29° 3	4°45	25° 9	14°48	17°14	22°55	24°14	26°59	26°23	T 13
W14	5 27 54	20°58'27	3°J29	10°25	24°16	7° 4	29° 7	4°52	25° 8	14°49	17°13	22°51	24°11	27° 6	26°23	W14
T 15	5 31 50	21°59'16	17°22	9°37	23°40	7°34	29°11	4°59	25° 7	14°50	17°13	22°D50	24° 8	27°13	26°24	T 15
F 16	5 35 47	23° 0'06	1°J21	9° 1	23° 3	8° 4	29°16	5° 6	25° 6	14°51	17°12	22°50	24° 5	27°19	26°24	F 16
S 17	5 39 43	24° 0'57	15°24	8°35	22°27	8°35	29°20	5°13	25° 5	14°52	17°11	22°50	24° 1	27°26	26°25	S 17
S 18	5 43 40	25° 1'49	29°30	8°21	21°50	9° 5	29°25	5°20	25° 4	14°53	17°10	22°R51	23°58	27°33	26°25	S 18
M19	5 47 36	26° 2'43	13°J38	8°D18	21°15	9°36	29°29	5°27	25° 3	14°54	17° 9	22°49	23°55	27°39	26°26	M19
T 20	5 51 33	27° 3'38	27°47	8°25	20°40	10° 7	29°34	5°34	25° 3	14°55	17° 8	22°45	23°52	27°46	26°27	T 20
W21	5 55 29	28° 4'34	11°J54	8°42	20° 6	10°39	29°40	5°41	25° 2	14°56	17° 7	22°39	23°49	27°53	26°27	W21
T 22	5 59 26	29° 5'32	25°56	9° 7	19°33	11°10	29°45	5°47	25° 1	14°57	17° 6	22°31	23°46	27°59	26°28	T 22
F 23	6 3 23	0°J 6'31	9°J50	9°39	19° 2	11°42	29°50	5°54	25° 1	14°58	17° 6	22°22	23°42	28° 6	26°29	F 23
S 24	6 7 19	1° 7'30	23°31	10°19	18°32	12°14	29°56	6° 1	25° 0	14°59	17° 5	22°13	23°39	28°13	26°30	S 24
S 25	6 11 16	2° 8'31	6°J55	11° 5	18° 4	12°46	0°Y 2	6° 8	24°59	15° 0	17° 4	22° 4	23°36	28°19	26°31	S 25
M26	6 15 12	3° 9'32	20° 2	11°56	17°38	13°19	0° 8	6°14	24°59	15° 1	17° 4	21°58	23°33	28°26	26°32	M26
T 27	6 19 9	4°10'34	2°J49	12°53	17°14	13°51	0°14	6°21	24°59	15° 1	17° 3	21°54	23°30	28°33	26°33	T 27
W28	6 23 5	5°11'36	15°18	13°53	16°52	14°24	0°21	6°28	24°58	15° 2	17° 2	21°52	23°27	28°39	26°34	W28
T 29	6 27 2	6°12'39	27°31	14°57	16°33	14°57	0°27	6°34	24°58	15° 3	17° 1	21°D52	23°23	28°46	26°35	T 29
F 30	6 30 59	7°13'42	9°J31	16° 4	16°15	15°30	0°34	6°41	24°58	15° 3	17° 1	21°53	23°20	28°53	26°36	F 30
S 31	6 34 55	8°J14'45	21°J23	17°J14	16°J 0	16°Y 3	0°Y41	6°J47	24°Y57	15°J 4	17°J 0	21°Ω54	23°Ω17	28°H59	26°H38	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	21s33	15s13	0s24	24s40	1s26	26s38	3s16	0s25	0s53	1s51	1s23	18s55	1n52	9n14	0s37	4s27	1n22	1n 7	16s30	13s23	13s11	0n42	1n50	3n33			
F 2	21 42	10 12	0n40	24 24	1 11	26 27	3 6	0 13	0 50	1 50	1 23	18 57	1 52	9 13	0 37	4 27	1 22	1 7	16 30	13 23	13 12	0 45	1 49	3 33			
S 3	21 51	4 52	1 41	24 6	0 54	26 16	2 55	0n 0	0 47	1 49	1 22	18 58	1 52	9 12	0 37	4 28	1 22	1 6	16 29	13 23	13 14	0 49	1 49	3 32			
S 4	22 0	0n36	2 37	23 45	0 37	26 5	2 43	0 14	0 45	1 48	1 22	19 0	1 52	9 12	0 37	4 28	1 22	1 6	16 29	13 24	13 15	0 52	1 49	3 32			
M 5	22 8	6 3	3 27	23 23	0 17	25 52	2 31	0 27	0 42	1 47	1 22	19 1	1 52	9 11	0 37	4 29	1 22	1 6	16 29	13 25	13 16	0 55	1 48	3 32			
T 6	22 16	11 21	4 9	22 58	0n 2	25 40	2 18	0 40	0 40	1 46	1 22	19 2	1 52	9 11	0 37	4 29	1 22	1 6	16 29	13 27	13 17	0 59	1 48	3 32			
W 7	22 24	16 17	4 39	22 33	0 23	25 26	2 5	0 53	0 37	1 45	1 21	19 4	1 52	9 11	0 37	4 30	1 22	1 6	16 29	13 29	13 18	1 2	1 48	3 31			
T 8	22 31	20 40	4 58	22 6	0 43	25 12	1 52	1 7	0 35	1 43	1 21	19 5	1 52	9 10	0 37	4 30	1 23	1 6	16 29	13 33	13 19	1 5	1 48	3 31			
F 9	22 37	24 11	5 2	21 38	1 3	24 58	1 38	1 20	0 32	1 42	1 21	19 6	1 52	9 10	0 37	4 31	1 23	1 6	16 28	13 37	13 20	1 9	1 47	3 31			
S 10	22 43	26 35	4 51	21 10	1 22	24 42	1 23	1 34	0 30	1 41	1 21	19 7	1 52	9 9	0 37	4 31	1 23	1 6	16 28	13 41	13 21	1 12	1 47	3 30			
S 11	22 49	27 33	4 24	20 44	1 40	24 27	1 9	1 47	0 28	1 39	1 20	19 9	1 52	9 9	0 37	4 32	1 23	1 6	16 28	13 44	13 22	1 15	1 47	3 30			
M12	22 54	26 55	3 42	20 19	1 55	24 11	0 54	2 1	0 25	1 37	1 20	19 10	1 52	9 8	0 37	4 32	1 23	1 6	16 28	13 48	13 23	1 19	1 47	3 30			
T 13	22 59	24 41	2 47	19 57	2 9	23 54	0 38	2 15	0 23	1 36	1 20	19 11	1 52	9 8	0 37	4 32	1 23	1 6	16 28	13 50	13 24	1 22	1 47	3 30			
W14	23 3	20 57	1 41	19 37	2 21	23 37	0 23	2 28	0 21	1 34	1 20	19 13	1 52	9 8	0 37	4 33	1 23	1 6	16 27	13 51	13 25	1 25	1 46	3 29			
T 15	23 7	16 2	0 29	19 21	2 30	23 20	0 7	2 42	0 19	1 32	1 19	19 14	1 52	9 7	0 37	4 33	1 23	1 6	16 27	13 52	13 26	1 29	1 46	3 29			
F 16	23 11	10 15	0s45	19 9	2 37	23 3	0n 8	2 56	0 17	1 30	1 19	19 15	1 52	9 7	0 37	4 34	1 23	1 6	16 27	13 52	13 27	1 32	1 46	3 29			
S 17	23 14	3 56	1 58	19 0	2 42	22 45	0 24	3 10	0 15	1 28	1 19	19 16	1 52	9 7	0 37	4 34	1 23	1 6	16 27	13 52	13 28	1 35	1 46	3 29			
S 18	23 16	2s36	3 3	18 55	2 45	22 27	0 39	3 24	0 13	1 26	1 19	19 17	1 52	9 6	0 37	4 34	1 23	1 6	16 27	13 51	13 29	1 39	1 46	3 28			
M19	23 18	9 1	3 58	18 53	2 46	22 10	0 55	3 38	0 11	1 24	1 18	19 19	1 52	9 6	0 37	4 35	1 23	1 6	16 26	13 52	13 30	1 42	1 46	3 28			
T 20	23 20	14 58	4 37	18 55	2 45	21 52	1 10	3 52	0 9	1 22	1 18	19 20	1 52	9 6	0 36	4 35	1 23	1 6	16 26	13 53	13 31	1 45	1 46	3 28			
W21	23 21	20 7	5 0	18 59	2 44	21 35	1 25	4 6	0 7	1 20	1 18	19 21	1 52	9 6	0 36	4 35	1 23	1 6	16 26	13 55	13 32	1 49	1 46	3 28			
T 22	23 22	24 7	5 5	19 6	2 41	21 18	1 39	4 20	0 5	1 17	1 18	19 22	1 52	9 5	0 36	4 36	1 23	1 6	16 26	13 58	13 33	1 52	1 46	3 27			
F 23	23 22	26 40	4 52	19 15	2 37	21 1	1 54	4 34	0 3	1 15	1 17	19 23	1 52	9 5	0 36	4 36	1 23	1 6	16 25	14 1	13 35	1 55	1 46	3 27			
S 24	23 21	27 34	4 22	19 25	2 32	20 45	2 8	4 48	0 1	1 12	1 17	19 24	1 52	9 5	0 36	4 36	1 23	1 6	16 25	14 4	13 36	1 58	1 46	3 27			
S 25	23 21	26 48	3 38	19 37	2 26	20 29	2 21	5 2	0n 1	1 10	1 17	19 25	1 52	9 5	0 36	4 36	1 23	1 6	16 25	14 6	13 37	2 2	1 47	3 26			
M26	23 20	24 34	2 43	19 50	2 20	20 14	2 34	5 16	0 2	1 7	1 17	19 27	1 52	9 5	0 36	4 37	1 23	1 6	16 25	14 9	13 38	2 5	1 47	3 26			
T 27	23 18	21 6	1 41	20 4	2 13	20 0	2 46	5 31	0 4	1 4	1 16	19 28	1 52	9 5	0 36	4 37	1 23	1 6	16 24	14 10	13 39	2 8	1 47	3 26			
W28	23 16	16 46	0 35	20 18	2 6	19 46	2 58	5 45	0 6	1 2	1 16	19 29	1 52	9 4	0 36	4 37	1 24	1 6	16 24	14 11	13 40	2 12	1 47	3 26			
T 29	23 13	11 49	0n31	20 33	1 59	19 33	3 9	5 59	0 7	0 59	1 16	19 30	1 52	9 4	0 36	4 37	1 24	1 6	16 24	14 11	13 41	2 15	1 47	3 25			
F 30	23 10	6 31	1 34	20 48	1 51	19 20	3 20	6 13	0 9	0 56	1 16	19 31	1 52	9 4	0 36	4 38	1 24	1 6	16 23	14 11	13 42	2 18	1 48	3 25			
S 31	23s 6	1s 3	2n33	21s 2	1n43	19s 9	3n30	6n28	0n11	0s53	1s15	19s32	1n52	9n 4	0s36	4s38	1n24	1n 6	16s23	14s10	13s43	2n22	1n48	3n25			

## ASTRODIENST EPHEMERIS for the year 2604

JANUARY 2604

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 38 52	9°15'49	3°12	18°26	15°R48	16°37	0°48	6°54	24°R57	15°4	16°R59	21°56	23°14	29°6	26°39	S 1
M 2	6 42 48	10°16'53	15° 3	19°41	15°38	17°10	0°55	7° 0	24°Y57	15° 5	16°59	21°R56	23°11	29°13	26°40	M 2
T 3	6 46 45	11°17'57	27° 1	20°58	15°31	17°44	1° 3	7° 7	24°57	15° 5	16°58	21°54	23° 7	29°19	26°42	T 3
W 4	6 50 41	12°19'01	9°12	22°16	15°26	18°18	1°10	7°13	24°D57	15° 6	16°58	21°51	23° 4	29°26	26°43	W 4
T 5	6 54 38	13°20'06	21°39	23°36	15°23	18°52	1°18	7°19	24°57	15° 6	16°57	21°46	23° 1	29°33	26°45	T 5
F 6	6 58 34	14°21'11	4°12	24°57	15°D23	19°26	1°26	7°25	24°57	15° 7	16°57	21°40	22°58	29°39	26°46	F 6
S 7	7 2 31	15°22'16	17°32	26°19	15°26	20° 0	1°34	7°32	24°57	15° 7	16°56	21°33	22°55	29°46	26°48	S 7
S 8	7 6 28	16°23'21	1°0	27°42	15°30	20°34	1°42	7°38	24°57	15° 7	16°56	21°27	22°52	29°53	26°50	S 8
M 9	7 10 24	17°24'26	14°47	29° 6	15°38	21° 9	1°50	7°44	24°57	15° 8	16°55	21°22	22°48	29°59	26°51	M 9
T 10	7 14 21	18°25'32	28°51	0°31	15°47	21°44	1°59	7°50	24°58	15° 8	16°55	21°18	22°45	0°Y 6	26°53	T 10
W 11	7 18 17	19°26'37	13°6	1°57	15°59	22°18	2° 7	7°56	24°58	15° 8	16°54	21°17	22°42	0°13	26°55	W 11
T 12	7 22 14	20°27'43	27°27	3°23	16°12	22°53	2°16	8° 2	24°58	15° 8	16°54	21°D17	22°39	0°19	26°57	T 12
F 13	7 26 10	21°28'50	11°51	4°50	16°28	23°28	2°25	8° 8	24°59	15° 9	16°53	21°18	22°36	0°26	26°59	F 13
S 14	7 30 7	22°29'56	26°12	6°18	16°46	24° 3	2°34	8°14	24°59	15° 9	16°53	21°19	22°33	0°33	27° 1	S 14
S 15	7 34 3	23°31'03	10°28	7°46	17° 6	24°38	2°43	8°19	25° 0	15° 9	16°53	21°21	22°29	0°39	27° 3	S 15
M 16	7 38 0	24°32'10	24°37	9°15	17°28	25°13	2°52	8°25	25° 1	15° 9	16°52	21°R21	22°26	0°46	27° 5	M 16
T 17	7 41 57	25°33'17	8°36	10°45	17°52	25°49	3° 2	8°31	25° 1	15°R 9	16°52	21°21	22°23	0°53	27° 7	T 17
W 18	7 45 53	26°34'25	22°26	12°14	18°18	26°24	3° 11	8°36	25° 2	15° 9	16°52	21°19	22°20	0°59	27° 9	W 18
T 19	7 49 50	27°35'33	6°24	13°45	18°45	27° 0	3°21	8°42	25° 3	15° 9	16°51	21°16	22°17	1° 6	27°12	T 19
F 20	7 53 46	28°36'41	19°30	15°16	19°14	27°35	3°31	8°47	25° 3	15° 9	16°51	21°12	22°13	1°13	27°14	F 20
S 21	7 57 43	29°37'49	2°34	16°47	19°45	28°11	3°41	8°53	25° 4	15° 9	16°51	21° 9	22°10	1°19	27°16	S 21
S 22	8 1 39	0°38'57	15°44	18°19	20°17	28°47	3°51	8°58	25° 5	15° 9	16°51	21° 6	22° 7	1°26	27°19	S 22
M 23	8 5 36	1°40'05	28°30	19°51	20°50	29°23	4° 1	9° 3	25° 6	15° 8	16°50	21° 3	22° 4	1°33	27°21	M 23
T 24	8 9 33	2°41'13	11°2	21°24	21°25	29°59	4°11	9° 9	25° 7	15° 8	16°50	21° 2	22° 1	1°39	27°23	T 24
W 25	8 13 29	3°42'20	23°21	22°57	22° 2	0°35	4°22	9°14	25° 8	15° 8	16°50	21°D 2	21°58	1°46	27°26	W 25
T 26	8 17 26	4°43'26	5°28	24°31	22°39	1°11	4°32	9°19	25° 9	15° 8	16°50	21° 2	21°54	1°53	27°28	T 26
F 27	8 21 22	5°44'32	17°26	26° 5	23°18	1°47	4°43	9°24	25°10	15° 7	16°50	21° 3	21°51	1°59	27°31	F 27
S 28	8 25 19	6°45'37	29°17	27°39	23°59	2°23	4°54	9°29	25°12	15° 7	16°50	21° 5	21°48	2° 6	27°34	S 28
S 29	8 29 15	7°46'42	11°Y 6	29°15	24°40	3° 0	5° 5	9°34	25°13	15° 7	16°50	21° 6	21°45	2°13	27°36	S 29
M 30	8 33 12	8°47'46	22°57	0°50	25°22	3°36	5°16	9°38	25°14	15° 6	16°50	21° 7	21°42	2°19	27°39	M 30
T 31	8 37 8	9°48'49	4°54	2°27	26°27	4°12	5°Y 27	9°43	25°Y 16	15°6	16°D50	21°R 8	21°39	2°Y 26	27°42	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	23s 2	4n25	3n25	21s17	1n35	18s58	3n40	6n42	0n12	0s50	1s15	19s33	1n52	9n 4	0s36	S 1
M 2	22 58	9 44	4 9	21 31	1 27	18 48	3 49	6 56	0 14	0 47	1 15	19 34	1 52	9 4	0 36	M 2
T 3	22 53	14 46	4 42	21 45	1 19	18 39	3 57	7 10	0 15	0 44	1 15	19 35	1 52	9 4	0 36	T 3
W 4	22 48	19 18	5 3	21 58	1 10	18 31	4 5	7 24	0 17	0 41	1 15	19 36	1 52	9 4	0 36	W 4
T 5	22 42	23 7	5 11	22 10	1 2	18 23	4 12	7 39	0 18	0 37	1 14	19 37	1 52	9 4	0 36	T 5
F 6	22 36	25 55	5 3	22 22	0 54	18 16	4 19	7 53	0 20	0 34	1 14	19 38	1 53	9 4	0 36	F 6
S 7	22 29	27 25	4 40	22 33	0 46	18 10	4 25	8 7	0 21	0 31	1 14	19 39	1 53	9 4	0 36	S 7
S 8	22 22	27 22	4 0	22 43	0 38	18 5	4 31	8 21	0 22	0 27	1 14	19 40	1 53	9 5	0 36	S 8
M 9	22 14	25 38	3 6	22 52	0 30	18 1	4 36	8 35	0 24	0 24	1 13	19 40	1 53	9 5	0 36	M 9
T 10	22 6	22 17	2 0	23 0	0 22	17 57	4 41	8 50	0 25	0 20	1 13	19 41	1 53	9 5	0 36	T 10
W 11	21 58	17 33	0 45	23 7	0 14	17 54	4 45	9 4	0 26	0 17	1 13	19 42	1 53	9 5	0 36	W 11
T 12	21 49	11 47	0s34	23 13	0 6	17 52	4 49	9 18	0 27	0 13	1 13	19 43	1 53	9 5	0 36	T 12
F 13	21 39	5 24	1 50	23 18	0s 2	17 50	4 52	9 32	0 29	0 9	1 13	19 44	1 53	9 5	0 36	F 13
S 14	21 30	1s15	3 0	23 22	0 9	17 49	4 55	9 46	0 30	0 5	1 12	19 45	1 53	9 6	0 36	S 14
S 15	21 19	7 47	3 58	23 25	0 16	17 49	4 57	10 0	0 31	0 2	1 12	19 46	1 53	9 6	0 36	S 15
M 16	21 9	13 51	4 41	23 26	0 24	17 49	4 59	10 14	0 32	0n 2	1 12	19 46	1 53	9 6	0 35	M 16
T 17	20 58	19 9	5 6	23 26	0 31	17 49	5 1	10 28	0 33	0 6	1 12	19 47	1 53	9 6	0 35	T 17
W 18	20 46	23 22	5 14	23 25	0 37	17 50	5 2	10 42	0 35	0 10	1 12	19 48	1 53	9 7	0 35	W 18
T 19	20 35	26 14	5 4	23 23	0 44	17 51	5 3	10 55	0 36	0 14	1 11	19 49	1 54	9 7	0 35	T 19
F 20	20 22	27 33	4 37	23 20	0 50	17 53	5 4	11 9	0 37	0 18	1 11	19 49	1 54	9 7	0 35	F 20
S 21	20 10	27 16	3 56	23 15	0 57	17 55	5 4	11 23	0 38	0 22	1 11	19 50	1 54	9 8	0 35	S 21
S 22	19 57	25 28	3 3	23 9	1 3	17 57	5 4	11 37	0 39	0 26	1 11	19 51	1 54	9 8	0 35	S 22
M 23	19 44	22 23	2 1	23 2	1 8	17 59	5 4	11 50	0 40	0 31	1 11	19 52	1 54	9 8	0 35	M 23
T 24	19 30	18 17	0 55	22 53	1 14	18 2	5 4	12 4	0 41	0 35	1 11	19 52	1 54	9 9	0 35	T 24
W 25	19 16	13 30	0n13	22 43	1 19	18 5	5 3	12 18	0 42	0 39	1 10	19 53	1 54	9 9	0 35	W 25
T 26	19 1	8 15	1 19	22 32	1 24	18 8	5 2	12 31	0 43	0 43	1 10	19 54	1 54	9 10	0 35	T 26
F 27	18 47	2 47	2 21	22 20	1 29	18 11	5 1	12 44	0 44	0 48	1 10	19 54	1 54	9 10	0 35	F 27
S 28	18 31	2n43	3 16	22 6	1 34	18 15	4 59	12 58	0 45	0 52	1 10	19 55	1 54	9 10	0 35	S 28
S 29	18 16	8 7	4 3	21 51	1 38	18 18	4 57	13 11	0 46	0 57	1 10	19 55	1 55	9 11	0 35	S 29
M 30	18 0	13 13	4 40	21 34	1 42	18 22	4 55	13 24	0 47	1 1	1 10	19 56	1 55	9 11	0 35	M 30
T 31	17s44	17n53	5n 5	21s16	1s46	18s25	4n53	13n38	0n47	1n 6	1s 9	19s57	1n55	9n12	0s35	T 31

Julian Day Number = 2672150.5, Delta T = 20m28s

Ecliptic obliquity = 23°21'46, Nutation = 0°00'10

Ayanamsha: Fagan/Bradley = 33°11'18, Lahiri = 32°18'18

# ASTRODIENST EPHEMERIS for the year 2604

FEBRUARY 2604

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 41 5	10 <sup>49</sup> 49'51	17 <sup>18</sup> 2	4 <sup>43</sup> 3	26 <sup>27</sup> 50	4 <sup>8</sup> 49	5 <sup>7</sup> 38	9 <sup>27</sup> 48	25 <sup>17</sup> 17	15 <sup>15</sup> 5	16 <sup>50</sup> 50	21 <sup>10</sup> 8	21 <sup>35</sup> 35	2 <sup>17</sup> 33	27 <sup>45</sup> 45	W 1
T 2	8 45 2	11 <sup>50</sup> 53	29 <sup>26</sup> 26	5 <sup>41</sup>	27 <sup>36</sup>	5 <sup>26</sup>	5 <sup>49</sup>	9 <sup>52</sup>	25 <sup>18</sup>	15 <sup>5</sup> 5	16 <sup>50</sup>	21 <sup>33</sup> 7	21 <sup>32</sup>	2 <sup>40</sup>	27 <sup>47</sup>	T 2
F 3	8 48 58	12 <sup>51</sup> 53	12 <sup>11</sup> 9	7 <sup>19</sup>	28 <sup>22</sup>	6 <sup>2</sup>	6 <sup>1</sup>	9 <sup>57</sup>	25 <sup>20</sup>	15 <sup>4</sup>	16 <sup>50</sup>	21 <sup>6</sup>	21 <sup>32</sup>	2 <sup>46</sup>	27 <sup>50</sup>	F 3
S 4	8 52 55	13 <sup>52</sup> 53	25 <sup>16</sup>	8 <sup>57</sup>	29 <sup>9</sup>	6 <sup>39</sup>	6 <sup>12</sup>	10 <sup>1</sup>	25 <sup>21</sup>	15 <sup>4</sup>	16 <sup>50</sup>	21 <sup>5</sup>	21 <sup>26</sup>	2 <sup>53</sup>	27 <sup>53</sup>	S 4
S 5	8 56 51	14 <sup>53</sup> 51	8 <sup>48</sup>	10 <sup>37</sup>	29 <sup>58</sup>	7 <sup>16</sup>	6 <sup>24</sup>	10 <sup>6</sup>	25 <sup>23</sup>	15 <sup>3</sup>	16 <sup>50</sup>	21 <sup>4</sup>	21 <sup>23</sup>	3 <sup>0</sup>	27 <sup>56</sup>	S 5
M 6	9 0 48	15 <sup>54</sup> 49	22 <sup>44</sup>	12 <sup>16</sup>	0 <sup>47</sup>	7 <sup>53</sup>	6 <sup>36</sup>	10 <sup>10</sup>	25 <sup>25</sup>	15 <sup>2</sup>	16 <sup>50</sup>	21 <sup>4</sup>	21 <sup>19</sup>	3 <sup>6</sup>	27 <sup>59</sup>	M 6
T 7	9 4 44	16 <sup>55</sup> 46	7 <sup>4</sup>	13 <sup>57</sup>	1 <sup>37</sup>	8 <sup>29</sup>	6 <sup>47</sup>	10 <sup>14</sup>	25 <sup>26</sup>	15 <sup>2</sup>	16 <sup>50</sup>	21 <sup>3</sup>	21 <sup>16</sup>	3 <sup>13</sup>	28 <sup>2</sup>	T 7
W 8	9 8 41	17 <sup>56</sup> 42	21 <sup>41</sup>	15 <sup>38</sup>	2 <sup>27</sup>	9 <sup>6</sup>	6 <sup>59</sup>	10 <sup>18</sup>	25 <sup>28</sup>	15 <sup>1</sup>	16 <sup>50</sup>	21 <sup>3</sup>	21 <sup>13</sup>	3 <sup>20</sup>	28 <sup>5</sup>	W 8
T 9	9 12 37	18 <sup>57</sup> 37	6 <sup>19</sup> 29	17 <sup>20</sup>	3 <sup>19</sup>	9 <sup>43</sup>	7 <sup>11</sup>	10 <sup>22</sup>	25 <sup>30</sup>	15 <sup>0</sup>	16 <sup>50</sup>	21 <sup>3</sup>	21 <sup>10</sup>	3 <sup>26</sup>	28 <sup>8</sup>	T 9
F 10	9 16 34	19 <sup>58</sup> 31	21 <sup>21</sup>	19 <sup>2</sup>	4 <sup>11</sup>	10 <sup>20</sup>	7 <sup>23</sup>	10 <sup>26</sup>	25 <sup>32</sup>	14 <sup>59</sup>	16 <sup>51</sup>	21 <sup>4</sup>	21 <sup>7</sup>	3 <sup>33</sup>	28 <sup>11</sup>	F 10
S 11	9 20 31	20 <sup>59</sup> 24	6 <sup>10</sup>	20 <sup>45</sup>	5 <sup>4</sup>	10 <sup>57</sup>	7 <sup>35</sup>	10 <sup>30</sup>	25 <sup>33</sup>	14 <sup>59</sup>	16 <sup>51</sup>	21 <sup>4</sup>	21 <sup>4</sup>	3 <sup>40</sup>	28 <sup>14</sup>	S 11
S 12	9 24 27	22 <sup>0</sup> 16	20 <sup>48</sup>	22 <sup>29</sup>	5 <sup>57</sup>	11 <sup>34</sup>	7 <sup>48</sup>	10 <sup>34</sup>	25 <sup>35</sup>	14 <sup>58</sup>	16 <sup>51</sup>	21 <sup>4</sup>	21 <sup>0</sup>	3 <sup>46</sup>	28 <sup>17</sup>	S 12
M13	9 28 24	23 <sup>1</sup> 08	5 <sup>11</sup>	24 <sup>14</sup>	6 <sup>51</sup>	12 <sup>11</sup>	8 <sup>0</sup>	10 <sup>37</sup>	25 <sup>37</sup>	14 <sup>57</sup>	16 <sup>51</sup>	21 <sup>3</sup>	20 <sup>57</sup>	3 <sup>53</sup>	28 <sup>21</sup>	M13
T 14	9 32 20	24 <sup>1</sup> 59	19 <sup>16</sup>	25 <sup>59</sup>	7 <sup>46</sup>	12 <sup>49</sup>	8 <sup>12</sup>	10 <sup>41</sup>	25 <sup>39</sup>	14 <sup>56</sup>	16 <sup>52</sup>	21 <sup>3</sup>	20 <sup>54</sup>	4 <sup>0</sup>	28 <sup>24</sup>	T 14
W15	9 36 17	25 <sup>2</sup> 50	3 <sup>1</sup>	27 <sup>44</sup>	8 <sup>41</sup>	13 <sup>26</sup>	8 <sup>25</sup>	10 <sup>45</sup>	25 <sup>41</sup>	14 <sup>55</sup>	16 <sup>52</sup>	21 <sup>3</sup>	20 <sup>51</sup>	4 <sup>6</sup>	28 <sup>27</sup>	W15
T 16	9 40 13	26 <sup>3</sup> 40	16 <sup>28</sup>	29 <sup>31</sup>	9 <sup>37</sup>	14 <sup>3</sup>	8 <sup>37</sup>	10 <sup>48</sup>	25 <sup>43</sup>	14 <sup>54</sup>	16 <sup>52</sup>	21 <sup>4</sup>	20 <sup>48</sup>	4 <sup>13</sup>	28 <sup>30</sup>	T 16
F 17	9 44 10	27 <sup>4</sup> 29	29 <sup>36</sup>	1 <sup>18</sup>	10 <sup>34</sup>	14 <sup>40</sup>	8 <sup>50</sup>	10 <sup>51</sup>	25 <sup>45</sup>	14 <sup>53</sup>	16 <sup>53</sup>	21 <sup>4</sup>	20 <sup>45</sup>	4 <sup>20</sup>	28 <sup>33</sup>	F 17
S 18	9 48 6	28 <sup>5</sup> 17	12 <sup>38</sup>	3 <sup>6</sup>	11 <sup>31</sup>	15 <sup>18</sup>	9 <sup>3</sup>	10 <sup>55</sup>	25 <sup>48</sup>	14 <sup>52</sup>	16 <sup>53</sup>	21 <sup>5</sup>	20 <sup>41</sup>	4 <sup>26</sup>	28 <sup>37</sup>	S 18
S 19	9 52 3	29 <sup>6</sup> 04	25 <sup>6</sup>	4 <sup>54</sup>	12 <sup>28</sup>	15 <sup>55</sup>	9 <sup>15</sup>	10 <sup>58</sup>	25 <sup>50</sup>	14 <sup>51</sup>	16 <sup>53</sup>	21 <sup>6</sup>	20 <sup>38</sup>	4 <sup>33</sup>	28 <sup>40</sup>	S 19
M20	9 56 0	0 <sup>1</sup> 49	7 <sup>32</sup>	6 <sup>42</sup>	13 <sup>27</sup>	16 <sup>32</sup>	9 <sup>28</sup>	11 <sup>1</sup>	25 <sup>52</sup>	14 <sup>50</sup>	16 <sup>54</sup>	21 <sup>6</sup>	20 <sup>35</sup>	4 <sup>40</sup>	28 <sup>43</sup>	M20
T 21	9 59 56	1 <sup>7</sup> 34	19 <sup>47</sup>	8 <sup>31</sup>	14 <sup>25</sup>	17 <sup>10</sup>	9 <sup>41</sup>	11 <sup>4</sup>	25 <sup>54</sup>	14 <sup>49</sup>	16 <sup>54</sup>	21 <sup>7</sup>	20 <sup>32</sup>	4 <sup>46</sup>	28 <sup>47</sup>	T 21
W22	10 3 53	2 <sup>8</sup> 18	1 <sup>53</sup>	10 <sup>20</sup>	15 <sup>24</sup>	17 <sup>47</sup>	9 <sup>54</sup>	11 <sup>7</sup>	25 <sup>57</sup>	14 <sup>48</sup>	16 <sup>55</sup>	21 <sup>6</sup>	20 <sup>29</sup>	4 <sup>53</sup>	28 <sup>50</sup>	W22
T 23	10 7 49	3 <sup>9</sup> 00	13 <sup>52</sup>	12 <sup>10</sup>	16 <sup>23</sup>	18 <sup>25</sup>	10 <sup>7</sup>	11 <sup>9</sup>	25 <sup>59</sup>	14 <sup>47</sup>	16 <sup>55</sup>	21 <sup>5</sup>	20 <sup>25</sup>	5 <sup>0</sup>	28 <sup>54</sup>	T 23
F 24	10 11 46	4 <sup>9</sup> 40	25 <sup>46</sup>	13 <sup>59</sup>	17 <sup>23</sup>	19 <sup>2</sup>	10 <sup>20</sup>	11 <sup>12</sup>	26 <sup>1</sup>	14 <sup>46</sup>	16 <sup>56</sup>	21 <sup>4</sup>	20 <sup>22</sup>	5 <sup>7</sup>	28 <sup>57</sup>	F 24
S 25	10 15 42	5 <sup>10</sup> 20	7 <sup>1</sup> 36	15 <sup>48</sup>	18 <sup>23</sup>	19 <sup>40</sup>	10 <sup>33</sup>	11 <sup>15</sup>	26 <sup>4</sup>	14 <sup>45</sup>	16 <sup>56</sup>	21 <sup>2</sup>	20 <sup>19</sup>	5 <sup>13</sup>	29 <sup>1</sup>	S 25
S 26	10 19 39	6 <sup>10</sup> 57	19 <sup>26</sup>	17 <sup>36</sup>	19 <sup>24</sup>	20 <sup>17</sup>	10 <sup>47</sup>	11 <sup>17</sup>	26 <sup>6</sup>	14 <sup>43</sup>	16 <sup>57</sup>	20 <sup>59</sup>	20 <sup>16</sup>	5 <sup>20</sup>	29 <sup>4</sup>	S 26
M27	10 23 35	7 <sup>11</sup> 33	1 <sup>17</sup>	19 <sup>24</sup>	20 <sup>25</sup>	20 <sup>55</sup>	11 <sup>0</sup>	11 <sup>19</sup>	26 <sup>9</sup>	14 <sup>42</sup>	16 <sup>57</sup>	20 <sup>57</sup>	20 <sup>13</sup>	5 <sup>27</sup>	29 <sup>8</sup>	M27
T 28	10 27 32	8 <sup>12</sup> 08	13 <sup>14</sup>	21 <sup>10</sup>	21 <sup>26</sup>	21 <sup>33</sup>	11 <sup>13</sup>	11 <sup>22</sup>	26 <sup>11</sup>	14 <sup>41</sup>	16 <sup>58</sup>	20 <sup>55</sup>	20 <sup>10</sup>	5 <sup>33</sup>	29 <sup>11</sup>	T 28
W29	10 31 29	9 <sup>12</sup> 41	25 <sup>20</sup>	22 <sup>56</sup>	22 <sup>38</sup>	22 <sup>10</sup>	11 <sup>17</sup>	11 <sup>24</sup>	26 <sup>14</sup>	14 <sup>40</sup>	16 <sup>58</sup>	20 <sup>53</sup>	20 <sup>6</sup>	5 <sup>40</sup>	29 <sup>15</sup>	W29

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	17s28	21n55	5n16	20s57	1s50	18s29	4n51	13n51	0n48	1n10	1s9	19s57	1n55	9n12	0s35	4s37	1n25
T 2	17 11 25	4 5	14 20	37	1 53	18 32	4 48	14 4	0 49	1 15	1 9	19 58	1 55	9 13	0 35	4 36	1 25
F 3	16 54 27	4 5	14 20	37	1 56	18 35	4 46	14 17	0 50	1 20	1 9	19 58	1 55	9 14	0 35	4 36	1 26
S 4	16 36 27	39 4	23 19	52	1 58	18 39	4 43	14 29	0 51	1 24	1 9	19 59	1 55	9 14	0 35	4 36	1 26
S 5	16 19 26	38 3	34 19	27	2 0	18 42	4 40	14 42	0 52	1 29	1 9	19 59	1 55	9 15	0 35	4 36	1 26
M 6	16 1 23	56 2	31 19	1	2 2	18 45	4 37	14 55	0 52	1 34	1 8	20 0	1 56	9 15	0 35	4 35	1 26
T 7	15 43 19	41 1	17 18	34	2 4	18 48	4 34	15 8	0 53	1 38	1 8	20 0	1 56	9 16	0 35	4 35	1 26
W 8	15 24 14	11 0s	3 18	5	2 5	18 50	4 30	15 20	0 54	1 43	1 8	20 1	1 56	9 17	0 35	4 35	1 26
T 9	15 6 7	47 1	25 17	35	2 6	18 53	4 27	15 33	0 55	1 48	1 8	20 1	1 56	9 17	0 35	4 34	1 26
F 10	14 47 0	57 2	41 17	4	2 6	18 55	4 23	15 45	0 55	1 53	1 8	20 2	1 56	9 18	0 35	4 34	1 26
S 11	14 27 5s	53 3	45 16	31	2 6	18 57	4 19	15 57	0 56	1 58	1 8	20 2	1 56	9 19	0 35	4 34	1 26
S 12	14 8 12	20 4	35 15	57	2 5	18 59	4 15	16 9	0 57	2 3	1 8	20 2	1 56	9 19	0 35	4 33	1 26
M13	13 48 18	0 5	6 15	21	2 4	19 0	4 11	16 21	0 57	2 8	1 7	20 3	1 57	9 20	0 35	4 33	1 26
T 14	13 28 22	34 5	17 14	45	2 3	19 2	4 7	16 33	0 58	2 13	1 7	20 3	1 57	9 21	0 34	4 33	1 26
W15	13 8 25	46 5	11 14	7	2 1	19 2	4 3	16 45	0 59	2 18	1 7	20 3	1 57	9 22	0 34	4 32	1 26
T 16	12 47 27	26 4	47 13	27	1 58	19 3	3 59	16 57	0 59	2 23	1 7	20 4	1 57	9 23	0 34	4 32	1 26
F 17	12 27 27	30 4	9 12	47	1 55	19 3	3 54	17 8	1 0	2 28	1 7	20 4	1 57	9 23	0 34	4 31	1 26
S 18	12 6 26	4 3	18 12	5	1 52	19 3	3 50	17 20	1 0	2 33	1 7	20 4	1 57	9 24	0 34	4 31	1 26
S 19	11 45 23	20 2	19 11	22	1 48	19 3	3 45	17 31	1 1	2 38	1 7	20 5	1 57	9 25	0 34	4 30	1 26
M20	11 24 19	32 1	15 10	37	1 43	19 2	3 41	17 43	1 2	2 43	1 6	20 5	1 58	9 26	0 34	4 30	1 26
T 21	11 2 14	57 0	7 9	52	1 38	19 0	3 36	17 54	1 2	2 48	1 6	20 5	1 58	9 27	0 34	4 30	1 26
W22	10 41 9	51 0n	59 9	5	1 32	18 59	3 31	18 5	1 3	2 54	1 6	20 5	1 58	9 27	0 34	4 29	1 26
T 23	10 19 4	26 2	3 8	18	1 26	18 57	3 26	18 16	1 3	2 59	1 6	20 6	1 58	9 28	0 34	4 29	1 26
F 24	9 57 1n	5 3	0 7	30	1 19	18 54	3 22	18 27	1 4	3 4	1 6	20 6	1 58	9 29	0 34	4 28	1 26
S 25	9 35 6	32 3	50 6	40	1 11	18 51	3 17	18 38	1 4	3 9	1 6	20 6	1 58	9 30	0 34	4 28	1 27
S 26	9 13 11	44 4	29 5	51	1 2	18 48	3 12	18 48	1 5	3 15	1 6	20 6	1 58	9 31	0 34	4 27	1 27
M27	8 51 16	32 4	57 5	0	0 53	18 44	3 7	18 59	1 5	3 20	1 6	20 7	1 59	9 32	0 34	4 27	1 27
T 28	8 28 20	44 5	13 4	9	0 44	18 40	3 2	19 9	1 6	3 25	1 6	20 7	1 59	9 33	0 34	4 26	1 27
W29	8s 5	24n 7	5n15	3s18	0s33	18s35	2n57	19n19	1n 6	3n31	1s 6	20s 7	1n59	9n34	0s34	4s26	1n27

Julian Day Number = 2672181.5, Delta T = 20m28s  
 Ecliptic obliquity = 23°21'46", Nutation = 0°00'12"  
 Ayanamsha: Fagan/Bradley = 33°11'22", Lahiri = 32°18'22"

## ASTRODIENST EPHEMERIS for the year 2604

MARCH 2604

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 35 25	10°13'12	7°11'39	24°13'39	23°30'30	22°48'48	11°40'40	11°26'26	26°16'16	14°R38	16°59'59	20°D53	20°33'33	5°47'47	29°18'18	T 1
F 2	10 39 22	11°13'42	20°17'17	26°20'20	24°32'32	23°26'26	11°54'54	11°28'28	26°19'19	14°37'37	17°0'0	20°53'53	20°0'0	5°53'53	29°22'22	F 2
S 3	10 43 18	12°14'09	3°16'16	27°58'58	25°35'35	24°3'3	12°7'7	11°30'30	26°22'22	14°36'36	17°0'0	20°54'54	19°57'57	6°0'0	29°25'25	S 3
S 4	10 47 15	13°14'35	16°41'41	29°33'33	26°37'37	24°41'41	12°21'21	11°32'32	26°24'24	14°34'34	17°1'1	20°55'55	19°54'54	6°7'7	29°29'29	S 4
M 5	10 51 11	14°14'59	0°13'33	1°5'5	27°41'41	25°19'19	12°35'35	11°33'33	26°27'27	14°33'33	17°2'2	20°57'57	19°51'51	6°13'13	29°33'33	M 5
T 6	10 55 8	15°15'21	14°52'52	2°31'31	28°44'44	25°57'57	12°48'48	11°35'35	26°30'30	14°32'32	17°2'2	20°R58	19°47'47	6°20'20	29°36'36	T 6
W 7	10 59 4	16°15'41	29°36'36	3°53'53	29°48'48	26°34'34	13°2'2	11°37'37	26°32'32	14°30'30	17°3'3	20°58'58	19°44'44	6°27'27	29°40'40	W 7
T 8	11 3 1	17°15'59	14°13'38	5°9'9	0°55'55	27°12'12	13°16'16	11°38'38	26°35'35	14°29'29	17°4'4	20°56'56	19°41'41	6°33'33	29°44'44	T 8
F 9	11 6 58	18°16'16	29°50'50	6°19'19	1°56'56	27°50'50	13°30'30	11°39'39	26°38'38	14°27'27	17°5'5	20°53'53	19°38'38	6°40'40	29°47'47	F 9
S 10	11 10 54	19°16'31	15°12'12	7°21'21	3°1'1	28°28'28	13°44'44	11°41'41	26°41'41	14°26'26	17°5'5	20°50'50	19°35'35	6°47'47	29°51'51	S 10
S 11	11 14 51	20°16'45	0°13'33	8°16'16	4°6'6	29°5'5	13°58'58	11°42'42	26°44'44	14°24'24	17°6'6	20°45'45	19°31'31	6°53'53	29°55'55	S 11
M12	11 18 47	21°16'57	14°47'47	9°4'4	5°11'11	29°43'43	14°12'12	11°43'43	26°47'47	14°23'23	17°7'7	20°41'41	19°28'28	7°0'0	29°58'58	M12
T 13	11 22 44	22°17'08	29°7'7	9°42'42	6°16'16	0°11'21	14°26'26	11°44'44	26°50'50	14°22'22	17°8'8	20°38'38	19°25'25	7°7'7	0°12'12	T 13
W14	11 26 40	23°17'17	13°17'17	10°12'12	7°21'21	0°59'59	14°40'40	11°44'44	26°53'53	14°20'20	17°9'9	20°36'36	19°22'22	7°14'14	0°6'6	W14
T 15	11 30 37	24°17'25	26°27'27	10°33'33	8°27'27	1°37'37	14°54'54	11°45'45	26°56'56	14°18'18	17°10'10	20°D36	19°19'19	7°20'20	0°9'9	T 15
F 16	11 34 33	25°17'31	9°30'30	10°44'44	9°33'33	2°15'15	15°8'8	11°46'46	26°59'59	14°17'17	17°11'11	20°37'37	19°16'16	7°27'27	0°13'13	F 16
S 17	11 38 30	26°17'36	22°12'12	10°R47	10°39'39	2°53'53	15°22'22	11°46'46	27°2'2	14°15'15	17°12'12	20°38'38	19°12'12	7°34'34	0°17'17	S 17
S 18	11 42 27	27°17'39	4°37'37	10°40'40	11°45'45	3°30'30	15°36'36	11°46'46	27°5'5	14°14'14	17°12'12	20°40'40	19°9'9	7°40'40	0°20'20	S 18
M19	11 46 23	28°17'40	16°49'49	10°24'24	12°52'52	4°8'8	15°51'51	11°47'47	27°8'8	14°12'12	17°13'13	20°R41	19°6'6	7°47'47	0°24'24	M19
T 20	11 50 20	29°17'40	28°51'51	10°1'1	13°58'58	4°46'46	16°5'5	11°47'47	27°11'11	14°11'11	17°14'14	20°40'40	19°3'3	7°54'54	0°28'28	T 20
W21	11 54 16	0°17'38	10°17'38	9°29'29	15°5'5	5°24'24	16°19'19	11°R47	27°14'14	14°9'9	17°15'15	20°38'38	19°0'0	8°0'0	0°32'32	W21
T 22	11 58 13	1°17'34	22°39'39	8°51'51	16°12'12	6°2'2	16°34'34	11°47'47	27°17'17	14°7'7	17°16'16	20°34'34	18°56'56	8°7'7	0°35'35	T 22
F 23	12 2 9	2°17'28	4°19'19	8°7'7	17°19'19	6°40'40	16°48'48	11°47'47	27°20'20	14°6'6	17°17'17	20°28'28	18°53'53	8°14'14	0°39'39	F 23
S 24	12 6 6	3°17'21	16°19'19	7°17'17	18°27'27	7°18'18	17°2'2	11°47'47	27°24'24	14°4'4	17°18'18	20°20'20	18°50'50	8°20'20	0°43'43	S 24
S 25	12 10 2	4°17'11	28°11'11	6°25'25	19°34'34	7°56'56	17°17'17	11°46'46	27°27'27	14°3'3	17°19'19	20°12'12	18°47'47	8°27'27	0°46'46	S 25
M26	12 13 59	5°17'00	10°18'00	5°29'29	20°42'42	8°34'34	17°31'31	11°46'46	27°30'30	14°1'1	17°20'20	20°3'3	18°44'44	8°34'34	0°50'50	M26
T 27	12 17 55	6°16'46	22°7'7	4°33'33	21°49'49	9°12'12	17°45'45	11°45'45	27°33'33	13°59'59	17°21'21	19°55'55	18°41'41	8°40'40	0°54'54	T 27
W28	12 21 52	7°16'30	4°11'11	3°37'37	22°57'57	9°50'50	18°0'0	11°45'45	27°37'37	13°58'58	17°23'23	19°48'48	18°37'37	8°47'47	0°58'58	W28
T 29	12 25 49	8°16'12	16°35'35	2°42'42	24°5'5	10°28'28	18°14'14	11°44'44	27°40'40	13°56'56	17°24'24	19°44'44	18°34'34	8°54'54	1°0'0	T 29
F 30	12 29 45	9°15'52	29°10'10	1°49'49	25°13'13	11°6'6	18°29'29	11°43'43	27°43'43	13°54'54	17°25'25	19°41'41	18°31'31	9°1'1	1°5'5	F 30
S 31	12 33 42	10°15'30	12°3'3	0°15'59	26°22'22	11°11'11	18°43'43	11°42'42	27°46'46	13°53'53	17°26'26	19°D41	18°28'28	9°7'7	1°9'9	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	7s43	26n29	5n 2	2s27	0s22	18s30	2n52	19n29	1n 7	3n36	1s 5	20s 7	1n59	9n35	0s34	T 1
F 2	7 20	27 35	4 35	1 37	0 10	18 25	2 47	19 39	1 7	3 41	1 5	20 7	1 59	9 36	0 34	F 2
S 3	6 57	27 13	3 53	0 46	0n 2	18 19	2 42	19 49	1 8	3 47	1 5	20 7	1 59	9 37	0 34	S 3
S 4	6 34	25 16	2 58	0n 3	0 15	18 12	2 36	19 59	1 8	3 52	1 5	20 7	1 59	9 38	0 34	S 4
M 5	6 11	21 46	1 50	0 51	0 28	18 5	2 31	20 8	1 8	3 57	1 5	20 7	2 0	9 39	0 34	M 5
T 6	5 48	16 51	0 33	1 38	0 42	17 58	2 26	20 18	1 9	4 3	1 5	20 7	2 0	9 40	0 34	T 6
W 7	5 24	10 50	0s47	2 23	0 56	17 50	2 21	20 27	1 9	4 8	1 5	20 7	2 0	9 41	0 34	W 7
T 8	5 1	4 5	2 6	3 7	1 10	17 41	2 16	20 36	1 10	4 14	1 5	20 7	2 0	9 42	0 34	T 8
F 9	4 37	2s57	3 17	3 47	1 24	17 33	2 11	20 45	1 10	4 19	1 5	20 7	2 0	9 43	0 34	F 9
S 10	4 14	9 49	4 14	4 25	1 39	17 23	2 5	20 54	1 10	4 24	1 5	20 7	2 0	9 44	0 34	S 10
S 11	3 50	16 1	4 53	5 0	1 53	17 13	2 0	21 2	1 11	4 30	1 5	20 7	2 1	9 45	0 34	S 11
M12	3 27	21 11	5 11	5 31	2 7	17 3	1 55	21 11	1 11	4 35	1 4	20 7	2 1	9 46	0 34	M12
T 13	3 3	24 56	5 10	5 59	2 20	16 52	1 50	21 19	1 11	4 41	1 4	20 7	2 1	9 47	0 34	T 13
W14	2 39	27 4	4 49	6 23	2 33	16 41	1 45	21 28	1 12	4 46	1 4	20 7	2 1	9 48	0 34	W14
T 15	2 16	27 33	4 14	6 42	2 45	16 29	1 40	21 36	1 12	4 52	1 4	20 7	2 1	9 49	0 34	T 15
F 16	1 52	26 27	3 26	6 57	2 56	16 17	1 35	21 44	1 12	4 57	1 4	20 7	2 1	9 50	0 34	F 16
S 17	1 28	24 0	2 29	7 7	3 6	16 4	1 30	21 51	1 13	5 3	1 4	20 7	2 2	9 52	0 34	S 17
S 18	1 4	20 27	1 27	7 12	3 15	15 51	1 24	21 59	1 13	5 8	1 4	20 7	2 2	9 53	0 34	S 18
M19	0 41	16 5	0 21	7 13	3 22	15 38	1 19	22 6	1 13	5 14	1 4	20 7	2 2	9 54	0 34	M19
T 20	0 17	11 9	0n44	7 8	3 28	15 24	1 14	22 14	1 14	5 19	1 4	20 7	2 2	9 55	0 34	T 20
W21	0n 7	5 51	1 47	6 59	3 32	15 9	1 9	22 21	1 14	5 25	1 4	20 7	2 2	9 56	0 34	W21
T 22	0 31	0 23	2 45	6 46	3 34	14 54	1 5	22 28	1 14	5 30	1 4	20 6	2 2	9 57	0 34	T 22
F 23	0 55	5n 4	3 35	6 29	3 34	14 39	1 0	22 34	1 14	5 36	1 4	20 6	2 2	9 58	0 34	F 23
S 24	1 18	10 20	4 16	6 7	3 31	14 23	0 55	22 41	1 15	5 41	1 4	20 6	2 3	9 59	0 34	S 24
S 25	1 42	15 14	4 46	5 43	3 27	14 7	0 50	22 48	1 15	5 47	1 4	20 6	2 3	10 1	0 34	S 25
M26	2 6	19 35	5 3	5 16	3 22	13 50	0 45	22 54	1 15	5 52	1 4	20 6	2 3	10 2	0 33	M26
T 27	2 29	23 11	5 7	4 46	3 14	13 33	0 40	23 0	1 15	5 58	1 4	20 5	2 3	10 3	0 33	T 27
W28	2 53	25 48	4 58	4 15	3 4	13 16	0 36	23 6	1 15	6 3	1 4	20 5	2 3	10 4	0 33	W28
T 29	3 16	27 15	4 35	3 43	2 53	12 58	0 31	23 12	1 16	6 9	1 4	20 5	2 3	10 5	0 33	T 29
F 30	3 40	27 20	3 58	3 11	2 41	12 39	0 27	23 17	1 16	6 15	1 3	20 5	2 4	10 7	0 33	F 30
S 31	4n 3	25n57	3n 8	2n39	2n28	12s21	0n22	23n23	1n16	6n20	1s 3	20s 4	2n 4	10n 8	0s33	S 31

Julian Day Number = 2672210.5, Delta T = 20m28s

Ecliptic obliquity = 23°21'46, Nutation = 0°00'12

Ayanamsha: Fagan/Bradley = 33°11'26, Lahiri = 32°18'26

## ASTRODIENST EPHEMERIS for the year 2604

APRIL 2604

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 37 38	11°15'05	25°18	0°R14	27°30	12°22	18°58	11°R41	27°50	13°R51	17°27	19°41	18°25	9°Y14	1°Y12	S 1
M 2	12 41 35	12°14'39	8°59	29°33	28°38	13° 0	19°12	11°R40	27°53	13°49	17°28	19°42	18°22	9°21	1°16	M 2
T 3	12 45 31	13°14'09	23° 7	28°57	29°47	13°38	19°27	11°39	27°56	13°48	17°29	19°R43	18°18	9°27	1°20	T 3
W 4	12 49 28	14°13'38	7°42	28°27	0°56	14°16	19°41	11°37	28° 0	13°46	17°30	19°41	18°15	9°34	1°23	W 4
T 5	12 53 24	15°13'04	22°39	28° 3	2° 4	14°54	19°56	11°36	28° 3	13°44	17°32	19°38	18°12	9°41	1°27	T 5
F 6	12 57 21	16°12'28	7°53	27°44	3°13	15°32	20°10	11°35	28° 7	13°43	17°33	19°32	18° 9	9°47	1°31	F 6
S 7	13 1 18	17°11'50	23°12	27°32	4°22	16°10	20°25	11°33	28°10	13°41	17°34	19°24	18° 6	9°54	1°34	S 7
S 8	13 5 14	18°11'10	8°26	27°25	5°31	16°47	20°40	11°31	28°13	13°40	17°35	19°15	18° 2	10° 1	1°38	S 8
M 9	13 9 11	19°10'29	23°24	27°D24	6°41	17°25	20°54	11°29	28°17	13°38	17°36	19° 6	17°59	10° 7	1°41	M 9
T 10	13 13 7	20° 9'45	7°58	27°29	7°50	18° 3	21° 9	11°28	28°20	13°36	17°38	18°58	17°56	10°14	1°45	T 10
W 11	13 17 4	21° 9'00	22° 3	27°39	8°59	18°41	21°23	11°26	28°23	13°35	17°39	18°53	17°53	10°21	1°49	W 11
T 12	13 21 0	22° 8'13	5°38	27°55	10° 9	19°19	21°38	11°23	28°27	13°33	17°40	18°49	17°50	10°28	1°52	T 12
F 13	13 24 57	23° 7'25	18°44	28°15	11°18	19°57	21°52	11°21	28°30	13°31	17°41	18°D48	17°47	10°34	1°56	F 13
S 14	13 28 53	24° 6'34	1°26	28°40	12°28	20°35	22° 7	11°19	28°34	13°30	17°43	18°48	17°43	10°41	1°59	S 14
S 15	13 32 50	25° 5'42	13°48	29° 9	13°38	21°13	22°21	11°17	28°37	13°28	17°44	18°R48	17°40	10°48	2° 3	S 15
M 16	13 36 47	26° 4'48	25°55	29°43	14°48	21°51	22°36	11°14	28°41	13°26	17°45	18°48	17°37	10°54	2° 6	M 16
T 17	13 40 43	27° 3'52	7°51	0°Y21	15°58	22°29	22°50	11°12	28°44	13°25	17°46	18°46	17°34	11° 1	2°10	T 17
W 18	13 44 40	28° 2'54	19°42	1° 3	17° 8	23° 7	23° 5	11° 9	28°47	13°23	17°48	18°42	17°31	11° 8	2°13	W 18
T 19	13 48 36	29° 1'55	1°Y30	1°48	18°18	23°45	23°20	11° 7	28°51	13°22	17°49	18°35	17°28	11°14	2°16	T 19
F 20	13 52 33	0° 0'54	13°20	2°37	19°28	24°23	23°34	11° 4	28°54	13°20	17°50	18°26	17°24	11°21	2°20	F 20
S 21	13 56 29	0°59'50	25°12	3°29	20°38	25° 1	23°49	11° 1	28°58	13°19	17°52	18°14	17°21	11°28	2°23	S 21
S 22	14 0 26	1°58'45	7° 9	4°24	21°48	25°39	24° 3	10°58	29° 1	13°17	17°53	18° 0	17°18	11°35	2°26	S 22
M 23	14 4 22	2°57'38	19°11	5°22	22°58	26°17	24°17	10°55	29° 5	13°15	17°54	17°47	17°15	11°41	2°30	M 23
T 24	14 8 19	3°56'29	1°21	6°23	24° 9	26°55	24°32	10°52	29° 8	13°14	17°56	17°34	17°12	11°48	2°33	T 24
W 25	14 12 16	4°55'18	13°38	7°27	25°19	27°32	24°46	10°49	29°11	13°12	17°57	17°23	17° 8	11°55	2°36	W 25
T 26	14 16 12	5°54'05	26° 6	8°33	26°30	28°10	25° 1	10°46	29°15	13°11	17°58	17°15	17° 5	12° 1	2°40	T 26
F 27	14 20 9	6°52'49	8°46	9°42	27°40	28°48	25°15	10°42	29°18	13° 9	18° 0	17° 9	17° 2	12° 8	2°43	F 27
S 28	14 24 5	7°51'32	21°40	10°53	28°51	29°26	25°30	10°39	29°22	13° 8	18° 1	17° 7	16°59	12°15	2°46	S 28
S 29	14 28 2	8°50'12	4°53	12° 6	0°Y 1	0° 4	25°44	10°36	29°25	13° 6	18° 2	17° 6	16°56	12°21	2°49	S 29
M 30	14 31 58	9°48'50	18°26	13°Y22	1°Y12	0°542	25°Y58	10°Y32	29°Y28	13° 5	18° 4	17° 6	16°53	12°Y28	2°Y52	M 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	4n26	23n 6	2n 7	2n 8	2n14	12s 2	0n18	23n28	1n16	6n26	1s 3	20s 4	2n 4	10n 9	0s33	4s 6
M 2	4 49	18 53	0 57	1 38	1 59	11 42	0 13	23 33	1 17	6 31	1 3	20 4	2 4	10 10	0 33	4 6
T 3	5 13	13 29	0s18	1 10	1 43	11 23	0 9	23 38	1 17	6 37	1 3	20 4	2 4	10 11	0 33	4 5
W 4	5 36	7 11	1 35	0 44	1 28	11 2	0 4	23 43	1 17	6 42	1 3	20 3	2 4	10 13	0 33	4 4
T 5	5 58	0 21	2 47	0 20	1 12	10 42	0 0	23 47	1 17	6 48	1 3	20 3	2 4	10 14	0 33	4 4
F 6	6 21	6s37	3 48	0s 2	0 56	10 21	0s 4	23 52	1 17	6 53	1 3	20 3	2 4	10 15	0 33	4 3
S 7	6 44	13 13	4 34	0 21	0 41	10 0	0 8	23 56	1 17	6 58	1 3	20 2	2 5	10 16	0 33	4 2
S 8	7 7	18 59	4 59	0 38	0 26	9 39	0 12	24 0	1 17	7 4	1 3	20 2	2 5	10 17	0 33	4 2
M 9	7 29	23 28	5 4	0 52	0 11	9 17	0 16	24 4	1 18	7 9	1 3	20 2	2 5	10 19	0 33	4 1
T 10	7 51	26 18	4 48	1 3	0s 4	8 55	0 20	24 7	1 18	7 15	1 3	20 1	2 5	10 20	0 33	4 0
W 11	8 14	27 22	4 15	1 12	0 17	8 33	0 24	24 11	1 18	7 20	1 3	20 1	2 5	10 21	0 33	4 0
T 12	8 36	26 44	3 29	1 18	0 31	8 10	0 28	24 14	1 18	7 26	1 3	20 0	2 5	10 22	0 33	3 59
F 13	8 58	24 35	2 33	1 22	0 44	7 47	0 31	24 17	1 18	7 31	1 3	20 0	2 5	10 23	0 33	3 59
S 14	9 19	21 16	1 31	1 23	0 56	7 24	0 35	24 20	1 18	7 36	1 3	20 0	2 5	10 25	0 33	3 58
S 15	9 41	17 3	0 27	1 22	1 7	7 1	0 39	24 23	1 18	7 42	1 3	19 59	2 6	10 26	0 33	3 57
M 16	10 2	12 15	0n38	1 18	1 18	6 37	0 42	24 25	1 18	7 47	1 3	19 59	2 6	10 27	0 33	3 57
T 17	10 24	7 3	1 40	1 13	1 28	6 13	0 45	24 27	1 19	7 53	1 3	19 58	2 6	10 28	0 33	3 56
W 18	10 45	1 40	2 36	1 5	1 38	5 49	0 49	24 30	1 19	7 58	1 3	19 58	2 6	10 30	0 33	3 55
T 19	11 6	3n45	3 26	0 55	1 47	5 25	0 52	24 32	1 19	8 3	1 3	19 57	2 6	10 31	0 33	3 55
F 20	11 26	9 2	4 7	0 44	1 55	5 0	0 55	24 33	1 19	8 9	1 3	19 57	2 6	10 32	0 33	3 54
S 21	11 47	14 1	4 37	0 30	2 3	4 36	0 58	24 35	1 19	8 14	1 3	19 56	2 6	10 33	0 33	3 54
S 22	12 7	18 30	4 55	0 15	2 10	4 11	1 1	24 36	1 19	8 19	1 3	19 56	2 6	10 34	0 33	3 53
M 23	12 28	22 17	5 0	0n 2	2 17	3 46	1 4	24 38	1 19	8 25	1 3	19 55	2 6	10 36	0 33	3 52
T 24	12 48	25 8	4 52	0 21	2 23	3 20	1 7	24 39	1 19	8 30	1 3	19 55	2 7	10 37	0 33	3 52
W 25	13 7	26 50	4 30	0 41	2 28	2 55	1 10	24 40	1 19	8 35	1 3	19 54	2 7	10 38	0 33	3 51
T 26	13 27	27 13	3 55	1 3	2 33	2 30	1 12	24 40	1 19	8 40	1 3	19 54	2 7	10 39	0 33	3 51
F 27	13 46	26 12	3 8	1 26	2 37	2 4	1 15	24 41	1 19	8 45	1 3	19 53	2 7	10 40	0 33	3 50
S 28	14 5	23 46	2 10	1 50	2 40	1 38	1 17	24 41	1 19	8 51	1 3	19 53	2 7	10 42	0 33	3 50
S 29	14 24	20 1	1 4	2 16	2 43	1 13	1 20	24 41	1 19	8 56	1 3	19 52	2 7	10 43	0 33	3 49
M 30	14n43	15n 9	0s 7	2n43	2s45	0s47	1s22	24n41	1n19	9n 1	1s 3	19s52	2n 7	10n44	0s33	3s49

Julian Day Number = 2672241.5, Delta T = 20m29s

Ecliptic obliquity = 23°21'46, Nutation = 0°00'11

Ayanamsha: Fagan/Bradley = 33°11'31, Lahiri = 32°18'30

# ASTRODIENST EPHEMERIS for the year 2604

MAY 2604

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 35 55	10♈47'25	2♊22	14♋40	2♋23	1♌20	26♌13	10°R29	29♌32	13°R 4	18♍ 5	17°R 5	16♎49	12♏35	2♐55	T 1
W 2	14 39 51	11°45'59	16°41	16° 0	3°34	1°58	26°27	10♈25	29°35	13♎ 2	18° 6	17♎ 3	16°46	12°42	2°59	W 2
T 3	14 43 48	12°44'30	1♌23	17°22	4°44	2°36	26°41	10°21	29°39	13° 1	18° 8	16°59	16°43	12°48	3° 2	T 3
F 4	14 47 45	13°42'59	16°22	18°46	5°55	3°14	26°55	10°18	29°42	12°59	18° 9	16°51	16°40	12°55	3° 5	F 4
S 5	14 51 41	14°41'27	1♌30	20°11	7° 6	3°51	27°10	10°14	29°45	12°58	18°10	16°41	16°37	13° 2	3° 8	S 5
S 6	14 55 38	15°39'52	16°37	21°39	8°17	4°29	27°24	10°10	29°49	12°57	18°12	16°30	16°34	13° 8	3°11	S 6
M 7	14 59 34	16°38'16	1♌34	23° 9	9°28	5° 7	27°38	10° 6	29°52	12°55	18°13	16°19	16°30	13°15	3°13	M 7
T 8	15 3 31	17°36'37	16°10	24°41	10°39	5°45	27°52	10° 2	29°55	12°54	18°15	16° 9	16°27	13°22	3°16	T 8
W 9	15 7 27	18°34'58	0♌21	26°14	11°50	6°23	28° 6	9°58	29°59	12°53	18°16	16° 1	16°24	13°28	3°19	W 9
T 10	15 11 24	19°33'17	14° 2	27°49	13° 1	7° 1	28°20	9°54	0♌ 2	12°51	18°17	15°56	16°21	13°35	3°22	T 10
F 11	15 15 20	20°31'34	27°14	29°27	14°13	7°38	28°34	9°50	0° 5	12°50	18°19	15°54	16°18	13°42	3°25	F 11
S 12	15 19 17	21°29'49	10♎ 0	1♌ 6	15°24	8°16	28°48	9°46	0° 8	12°49	18°20	15°53	16°14	13°49	3°28	S 12
S 13	15 23 14	22°28'03	22°25	2°47	16°35	8°54	29° 2	9°42	0°12	12°48	18°21	15°53	16°11	13°55	3°30	S 13
M14	15 27 10	23°26'16	4♌32	4°29	17°46	9°32	29°16	9°38	0°15	12°47	18°23	15°52	16° 8	14° 2	3°33	M14
T 15	15 31 7	24°24'27	16°29	6°14	18°58	10°10	29°30	9°33	0°18	12°45	18°24	15°51	16° 5	14° 9	3°36	T 15
W16	15 35 3	25°22'37	28°19	8° 1	20° 9	10°47	29°44	9°29	0°21	12°44	18°26	15°47	16° 2	14°15	3°38	W16
T 17	15 39 0	26°20'45	10♏ 8	9°49	21°20	11°25	29°57	9°25	0°24	12°43	18°27	15°40	15°59	14°22	3°41	T 17
F 18	15 42 56	27°18'52	22° 0	11°39	22°32	12° 3	0♌11	9°20	0°28	12°42	18°28	15°31	15°55	14°29	3°43	F 18
S 19	15 46 53	28°16'57	3♌56	13°31	23°43	12°41	0°25	9°16	0°31	12°41	18°30	15°19	15°52	14°35	3°46	S 19
S 20	15 50 49	29°15'01	16° 0	15°25	24°55	13°19	0°38	9°12	0°34	12°40	18°31	15° 6	15°49	14°42	3°48	S 20
M21	15 54 46	0♌13'04	28°12	17°21	26° 6	13°56	0°52	9° 7	0°37	12°39	18°32	14°53	15°46	14°49	3°51	M21
T 22	15 58 43	1°11'05	10♌35	19°19	27°18	14°34	1° 6	9° 3	0°40	12°38	18°34	14°41	15°43	14°56	3°53	T 22
W23	16 2 39	2° 9'04	23° 7	21°18	28°30	15°12	1°19	8°58	0°43	12°37	18°35	14°30	15°40	15° 2	3°55	W23
T 24	16 6 36	3° 7'02	5♌50	23°20	29°41	15°50	1°32	8°54	0°46	12°36	18°36	14°22	15°36	15° 9	3°58	T 24
F 25	16 10 32	4° 4'58	18°43	25°23	0♌53	16°28	1°46	8°49	0°49	12°35	18°38	14°17	15°33	15°16	4° 0	F 25
S 26	16 14 29	5° 2'52	1♌50	27°27	2° 4	17° 5	1°59	8°45	0°52	12°34	18°39	14°14	15°30	15°22	4° 2	S 26
S 27	16 18 25	6° 0'45	15° 9	29°33	3°16	17°43	2°12	8°41	0°55	12°34	18°40	14°D14	15°27	15°29	4° 4	S 27
M28	16 22 22	6°58'36	28°44	1♌41	4°28	18°21	2°26	8°36	0°58	12°33	18°42	14°14	15°24	15°36	4° 6	M28
T 29	16 26 18	7°56'25	12♏36	3°49	5°40	18°59	2°39	8°32	1° 1	12°32	18°43	14°R14	15°20	15°42	4° 8	T 29
W30	16 30 15	8°54'12	26°44	5°59	6°51	19°36	2°52	8°27	1° 4	12°31	18°44	14°13	15°17	15°49	4°10	W30
T 31	16 34 12	9♌51'58	11♌ 9	8♌10	8♌ 3	20♌14	3♌ 5	8♌23	1♌ 7	12♌30	18♌45	14♌ 9	15♌14	15♌56	4♌12	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	15n 1	9n22	1s20	3n12	2s47	0s21	1s24	24n41	1n19	9n 6	1 s 3	19s51	2n 7	10n45	0s33	3s48	1n27
W 2	15 19	2 57	2 29	3 41	2 48	0n 5	1 26	24 40	1 19	9 11	1 3	19 50	2 7	10 46	0 33	3 47	1 27
T 3	15 37	3s47	3 31	4 12	2 49	0 32	1 28	24 40	1 20	9 16	1 3	19 50	2 7	10 48	0 33	3 47	1 27
F 4	15 54	10 24	4 19	4 44	2 49	0 58	1 30	24 39	1 20	9 21	1 3	19 49	2 7	10 49	0 33	3 46	1 27
S 5	16 12	16 29	4 50	5 16	2 48	1 24	1 32	24 38	1 20	9 26	1 3	19 49	2 7	10 50	0 33	3 46	1 27
S 6	16 29	21 32	5 0	5 50	2 47	1 50	1 34	24 37	1 20	9 32	1 3	19 48	2 7	10 51	0 33	3 45	1 27
M 7	16 45	25 8	4 50	6 25	2 45	2 16	1 36	24 35	1 20	9 37	1 4	19 48	2 7	10 52	0 33	3 45	1 27
T 8	17 2	26 58	4 20	7 0	2 43	2 43	1 37	24 34	1 20	9 42	1 4	19 47	2 7	10 53	0 33	3 44	1 27
W 9	17 18	26 57	3 36	7 36	2 40	3 9	1 39	24 32	1 20	9 46	1 4	19 46	2 7	10 55	0 33	3 44	1 27
T 10	17 34	25 16	2 40	8 13	2 37	3 35	1 40	24 30	1 20	9 51	1 4	19 46	2 7	10 56	0 33	3 43	1 27
F 11	17 49	22 14	1 37	8 51	2 33	4 2	1 41	24 28	1 20	9 56	1 4	19 45	2 7	10 57	0 33	3 43	1 27
S 12	18 5	18 11	0 31	9 30	2 29	4 28	1 43	24 26	1 20	10 1	1 4	19 44	2 8	10 58	0 33	3 43	1 27
S 13	18 20	13 27	0n35	10 9	2 24	4 54	1 44	24 23	1 20	10 6	1 4	19 44	2 8	10 59	0 33	3 42	1 27
M14	18 34	8 18	1 37	10 48	2 19	5 20	1 45	24 21	1 19	10 11	1 4	19 43	2 8	11 0	0 33	3 42	1 27
T 15	18 49	2 57	2 34	11 28	2 13	5 46	1 46	24 18	1 19	10 16	1 4	19 43	2 8	11 1	0 33	3 41	1 27
W16	19 3	2n28	3 24	12 8	2 6	6 12	1 47	24 15	1 19	10 21	1 4	19 42	2 8	11 2	0 33	3 41	1 27
T 17	19 16	7 46	4 5	12 49	2 0	6 38	1 47	24 12	1 19	10 25	1 4	19 41	2 8	11 4	0 33	3 40	1 27
F 18	19 30	12 48	4 36	13 30	1 52	7 4	1 48	24 8	1 19	10 30	1 4	19 41	2 8	11 5	0 33	3 40	1 27
S 19	19 43	17 24	4 55	14 11	1 45	7 30	1 49	24 5	1 19	10 35	1 4	19 40	2 8	11 6	0 33	3 40	1 27
S 20	19 56	21 22	5 0	14 52	1 36	7 55	1 49	24 1	1 19	10 39	1 4	19 39	2 8	11 7	0 33	3 39	1 27
M21	20 8	24 27	4 52	15 33	1 28	8 21	1 50	23 57	1 19	10 44	1 4	19 39	2 8	11 8	0 33	3 39	1 27
T 22	20 20	26 26	4 31	16 14	1 19	8 46	1 50	23 53	1 19	10 49	1 4	19 38	2 8	11 9	0 33	3 39	1 27
W23	20 32	27 7	3 56	16 55	1 10	9 11	1 50	23 49	1 19	10 53	1 4	19 37	2 8	11 10	0 33	3 38	1 27
T 24	20 43	26 22	3 9	17 35	1 0	9 36	1 51	23 44	1 19	10 58	1 4	19 37	2 7	11 11	0 33	3 38	1 27
F 25	20 54	24 13	2 11	18 14	0 50	10 1	1 51	23 40	1 19	11 2	1 5	19 36	2 7	11 12	0 33	3 38	1 27
S 26	21 4	20 45	1 5	18 53	0 40	10 25	1 51	23 35	1 19	11 7	1 5	19 35	2 7	11 13	0 33	3 37	1 27
S 27	21 14	16 10	0s 5	19 30	0 30	10 50	1 51	23 30	1 19	11 11	1 5	19 35	2 7	11 14	0 33	3 37	1 27
M28	21 24	10 41	1 16	20 7	0 19	11 14	1 51	23 25	1 19	11 16	1 5	19 34	2 7	11 15	0 33	3 37	1 27
T 29	21 34	4 35	2 25	20 42	0 9	11 38	1 50	23 19	1 19	11 20	1 5	19 34	2 7	11 16	0 33	3 36	1 27
W30	21 43	1s51	3 26	21 16	0n 2	12 2	1 50	23 14	1 19	11 25	1 5	19 33	2 7	11 17	0 33	3 36	1 27
T 31	21n51	8s19	4s15	21n48	0n12	12n25	1s50	23n 8	1n19	11n29	1 s 5	19s32	2n 7	11n18	0s33	3s36	1n26

Julian Day Number = 2672271.5, Delta T = 20m29s  
 Ecliptic obliquity = 23°21'46, Nutation = 0°00'11  
 Ayanamsha: Fagan/Bradley = 33°11'35, Lahiri = 32°18'35

# ASTRODIENST EPHEMERIS for the year 2604

JUNE 2604

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 38 8	10II49'42	25♂47	10II21	9♂15	20♂52	3♂18	8°R18	1♂9	12°R30	18♂47	14°R 4	15♂11	16°Y 3	4°Y14	F 1
S 2	16 42 5	11°47'25	10III33	12°33	10°27	21°30	3°31	8°14	1°12	12°♂29	18°48	13°♂56	15° 8	16° 9	4°16	S 2
S 3	16 46 1	12°45'06	25°19	14°45	11°39	22° 7	3°44	8° 9	1°15	12°28	18°49	13°47	15° 5	16°16	4°18	S 3
M 4	16 49 58	13°42'46	9♂58	16°56	12°50	22°45	3°56	8° 5	1°18	12°28	18°51	13°38	15° 1	16°23	4°20	M 4
T 5	16 53 54	14°40'25	24°22	19° 8	14° 2	23°23	4° 9	8° 0	1°20	12°27	18°52	13°29	14°58	16°29	4°21	T 5
W 6	16 57 51	15°38'02	8♂24	21°18	15°14	24° 0	4°22	7°56	1°23	12°27	18°53	13°23	14°55	16°36	4°23	W 6
T 7	17 1 147	16°35'39	22° 2	23°28	16°26	24°38	4°34	7°51	1°26	12°26	18°54	13°19	14°52	16°43	4°25	T 7
F 8	17 5 44	17°33'14	5♂15	25°36	17°38	25°16	4°47	7°47	1°28	12°26	18°56	13°17	14°49	16°50	4°26	F 8
S 9	17 9 41	18°30'49	18° 3	27°43	18°50	25°53	4°59	7°43	1°31	12°25	18°57	13°D16	14°46	16°56	4°28	S 9
S 10	17 13 37	19°28'22	0♂31	29°49	20° 2	26°31	5°12	7°38	1°34	12°25	18°58	13°17	14°42	17° 3	4°29	S 10
M11	17 17 34	20°25'55	12°41	1♂52	21°14	27° 9	5°24	7°34	1°36	12°24	18°59	13°18	14°39	17°10	4°31	M11
T 12	17 21 30	21°23'27	24°41	3°53	22°26	27°46	5°36	7°30	1°39	12°24	19° 0	13°R19	14°36	17°16	4°32	T 12
W13	17 25 27	22°20'58	6°Y33	5°53	23°38	28°24	5°48	7°25	1°41	12°24	19° 2	13°17	14°33	17°23	4°33	W13
T 14	17 29 23	23°18'28	18°24	7°50	24°51	29° 2	6° 0	7°21	1°44	12°23	19° 3	13°14	14°30	17°30	4°35	T 14
F 15	17 33 20	24°15'58	0♂18	9°45	26° 3	29°39	6°12	7°17	1°46	12°23	19° 4	13° 9	14°26	17°36	4°36	F 15
S 16	17 37 16	25°13'27	12°19	11°37	27°15	0♂17	6°24	7°13	1°48	12°23	19° 5	13° 2	14°23	17°43	4°37	S 16
S 17	17 41 13	26°10'55	24°30	13°27	28°27	0°55	6°36	7° 8	1°51	12°22	19° 6	12°54	14°20	17°50	4°38	S 17
M18	17 45 10	27° 8'23	6II52	15°14	29°39	1°32	6°48	7° 4	1°53	12°22	19° 7	12°46	14°17	17°57	4°39	M18
T 19	17 49 6	28° 5'49	19°28	16°59	0II52	2°10	6°59	7° 0	1°55	12°22	19° 8	12°38	14°14	18° 3	4°40	T 19
W20	17 53 3	29° 3'16	2♂17	18°41	2° 4	2°48	7°11	6°56	1°57	12°22	19° 9	12°31	14°11	18°10	4°41	W20
T 21	17 56 59	0♂0'41	15°20	20°20	3°16	3°26	7°22	6°52	2° 0	12°22	19°11	12°27	14° 7	18°17	4°42	T 21
F 22	18 0 56	0°58'05	28°35	21°57	4°29	4° 3	7°34	6°48	2° 2	12°22	19°12	12°24	14° 4	18°23	4°43	F 22
S 23	18 4 52	1°55'29	12♂2	23°31	5°41	4°41	7°45	6°45	2° 4	12°D22	19°13	12°D23	14° 1	18°30	4°44	S 23
S 24	18 8 49	2°52'51	25°39	25° 3	6°53	5°19	7°56	6°41	2° 6	12°22	19°14	12°24	13°58	18°37	4°45	S 24
M25	18 12 46	3°50'13	9♂28	26°32	8° 6	5°56	8° 7	6°37	2° 8	12°22	19°15	12°25	13°55	18°44	4°46	M25
T 26	18 16 42	4°47'33	23°26	27°58	9°18	6°34	8°18	6°33	2°10	12°22	19°16	12°26	13°52	18°50	4°46	T 26
W27	18 20 39	5°44'53	7♂33	29°21	10°30	7°12	8°29	6°30	2°12	12°22	19°17	12°R26	13°48	18°57	4°47	W27
T 28	18 24 35	6°42'12	21°48	0♂42	11°43	7°49	8°40	6°26	2°14	12°22	19°18	12°26	13°45	19° 4	4°47	T 28
F 29	18 28 32	7°39'30	6♂8	2° 0	12°55	8°27	8°50	6°23	2°16	12°22	19°19	12°23	13°42	19°10	4°48	F 29
S 30	18 32 28	8♂36'47	20III30	3♂15	14II 8	9♂4	9♂1	6♂19	2♂17	12♂23	19♂20	12♂19	13♂39	19°Y17	4°Y48	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	22n 0	14s24	4s48	22n18	0n23	12n48	1s49	23n 3	1n18	11n33	1s 5	19s32	2n 7	11n19	0s33	3s36
S 2	22 8	19 44	5 3	22 46	0 33	13 11	1 49	22 57	1 18	11 37	1 5	19 31	2 7	11 20	0 33	3 35
S 3	22 15	23 50	4 58	23 12	0 43	13 34	1 48	22 50	1 18	11 42	1 5	19 30	2 7	11 21	0 33	3 35
M 4	22 22	26 22	4 32	23 36	0 53	13 56	1 47	22 44	1 18	11 46	1 5	19 30	2 7	11 22	0 33	3 35
T 5	22 29	27 5	3 50	23 57	1 2	14 18	1 47	22 38	1 18	11 50	1 5	19 29	2 7	11 23	0 33	3 35
W 6	22 35	26 1	2 55	24 15	1 11	14 40	1 46	22 31	1 18	11 54	1 6	19 29	2 7	11 24	0 33	3 35
T 7	22 41	23 24	1 51	24 31	1 19	15 1	1 45	22 24	1 18	11 58	1 6	19 28	2 7	11 25	0 33	3 34
F 8	22 47	19 35	0 43	24 44	1 26	15 23	1 44	22 17	1 18	12 2	1 6	19 27	2 7	11 26	0 33	3 34
S 9	22 52	14 58	0n26	24 54	1 33	15 43	1 43	22 10	1 18	12 6	1 6	19 27	2 6	11 26	0 33	3 34
S 10	22 57	9 50	1 31	25 2	1 40	16 4	1 42	22 3	1 18	12 10	1 6	19 26	2 6	11 27	0 33	3 34
M11	23 1	4 27	2 31	25 6	1 45	16 24	1 41	21 56	1 17	12 14	1 6	19 26	2 6	11 28	0 33	3 34
T 12	23 5	1n 1	3 24	25 9	1 50	16 43	1 39	21 48	1 17	12 18	1 6	19 25	2 6	11 29	0 33	3 34
W13	23 9	6 22	4 7	25 8	1 54	17 2	1 38	21 41	1 17	12 22	1 6	19 24	2 6	11 30	0 34	3 34
T 14	23 12	11 30	4 39	25 6	1 58	17 21	1 37	21 33	1 17	12 26	1 6	19 24	2 6	11 31	0 34	3 34
F 15	23 14	16 13	5 0	25 0	2 0	17 40	1 35	21 25	1 17	12 30	1 7	19 23	2 6	11 31	0 34	3 33
S 16	23 17	20 21	5 7	24 53	2 2	17 58	1 34	21 17	1 17	12 34	1 7	19 23	2 6	11 32	0 34	3 33
S 17	23 18	23 42	5 1	24 44	2 3	18 15	1 32	21 8	1 17	12 37	1 7	19 22	2 6	11 33	0 34	3 33
M18	23 20	26 0	4 41	24 33	2 4	18 32	1 31	21 0	1 17	12 41	1 7	19 22	2 5	11 34	0 34	3 33
T 19	23 21	27 3	4 7	24 19	2 3	18 49	1 29	20 51	1 16	12 45	1 7	19 21	2 5	11 35	0 34	3 33
W20	23 22	26 40	3 19	24 5	2 2	19 5	1 27	20 43	1 16	12 48	1 7	19 21	2 5	11 35	0 34	3 33
T 21	23 22	24 49	2 21	23 48	2 0	19 21	1 25	20 34	1 16	12 52	1 7	19 20	2 5	11 36	0 34	3 33
F 22	23 22	21 35	1 14	23 30	1 57	19 36	1 24	20 25	1 16	12 56	1 7	19 20	2 5	11 37	0 34	3 33
S 23	23 21	17 10	0 2	23 11	1 54	19 51	1 22	20 16	1 16	12 59	1 7	19 19	2 5	11 38	0 34	3 33
S 24	23 20	11 48	1s11	22 51	1 49	20 5	1 20	20 6	1 16	13 3	1 8	19 19	2 5	11 38	0 34	3 33
M25	23 18	5 48	2 22	22 29	1 44	20 18	1 18	19 57	1 16	13 6	1 8	19 18	2 4	11 39	0 34	3 33
T 26	23 17	0s32	3 25	22 7	1 39	20 31	1 16	19 47	1 15	13 9	1 8	19 18	2 4	11 40	0 34	3 34
W27	23 14	6 54	4 16	21 44	1 33	20 44	1 14	19 38	1 15	13 13	1 8	19 17	2 4	11 40	0 34	3 34
T 28	23 12	12 58	4 51	21 20	1 26	20 56	1 12	19 28	1 15	13 16	1 8	19 17	2 4	11 41	0 34	3 34
F 29	23 8	18 23	5 9	20 55	1 18	21 8	1 10	19 18	1 15	13 19	1 8	19 16	2 4	11 41	0 34	3 34
S 30	23n 5	22s46	5s 8	20n30	1n10	21n18	1s 7	19n 8	1n15	13n22	1s 8	19s16	2n 4	11n42	0s34	3s34

Julian Day Number = 2672302.5, Delta T = 20m29s  
 Ecliptic obliquity = 23°21'45, Nutation = 0°00'11  
 Ayanamsha: Fagan/Bradley = 33°11'39, Lahiri = 32°18'39

## ASTRODIENST EPHEMERIS for the year 2604

JULY 2604

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 36 25	9♂34'04	4♂50	4♂26	15♂20	9♂42	9♂11	6°R16	2♂19	12♂23	19♂21	12°R15	13♂36	19♂24	4♂49	S 1
M 2	18 40 21	10°31'20	19° 2	5°35	16°33	10°20	9°22	6♂12	2°21	12°23	19°22	12♂10	13°32	19°31	4°49	M 2
T 3	18 44 18	11°28'35	3♂ 1	6°41	17°45	10°57	9°32	6° 9	2°23	12°23	19°23	12° 6	13°29	19°37	4°49	T 3
W 4	18 48 15	12°25'50	16°45	7°44	18°58	11°35	9°42	6° 6	2°24	12°24	19°23	12° 3	13°26	19°44	4°50	W 4
T 5	18 52 11	13°23'05	0♂ 9	8°44	20°10	12°13	9°52	6° 3	2°26	12°24	19°24	12° 1	13°23	19°51	4°50	T 5
F 6	18 56 8	14°20'19	13°13	9°40	21°23	12°50	10° 2	6° 0	2°27	12°24	19°25	12°D 0	13°20	19°57	4°50	F 6
S 7	19 0 4	15°17'33	25°57	10°33	22°36	13°28	10°12	5°57	2°29	12°25	19°26	12° 1	13°17	20° 4	4°50	S 7
S 8	19 4 1	16°14'47	8♂24	11°22	23°48	14° 6	10°22	5°54	2°30	12°25	19°27	12° 2	13°13	20°11	4°50	S 8
M 9	19 7 57	17°12'01	20°36	12° 8	25° 1	14°43	10°31	5°51	2°32	12°26	19°28	12° 4	13°10	20°18	4°50	M 9
T 10	19 11 54	18° 9'15	2♂36	12°50	26°14	15°21	10°41	5°48	2°33	12°26	19°28	12° 5	13° 7	20°24	4°50	T 10
W 11	19 15 50	19° 6'28	14°31	13°28	27°26	15°59	10°50	5°46	2°35	12°27	19°29	12°R 6	13° 4	20°31	4°50	W 11
T 12	19 19 47	20° 3'43	26°24	14° 2	28°39	16°36	10°59	5°43	2°36	12°27	19°30	12° 6	13° 1	20°38	4°49	T 12
F 13	19 23 44	21° 0'57	8♂19	14°32	29°52	17°14	11° 8	5°41	2°37	12°28	19°31	12° 5	12°58	20°44	4°49	F 13
S 14	19 27 40	21°58'11	20°23	14°58	1♂ 5	17°52	11°17	5°38	2°38	12°29	19°31	12° 3	12°54	20°51	4°49	S 14
S 15	19 31 37	22°55'26	2♂37	15°20	2°18	18°29	11°26	5°36	2°40	12°29	19°32	12° 1	12°51	20°58	4°48	S 15
M 16	19 35 33	23°52'41	15° 6	15°37	3°31	19° 7	11°35	5°34	2°41	12°30	19°33	11°58	12°48	21° 5	4°48	M 16
T 17	19 39 30	24°49'56	27°53	15°49	4°44	19°45	11°43	5°32	2°42	12°31	19°34	11°56	12°45	21°11	4°48	T 17
W 18	19 43 26	25°47'11	10♂56	15°57	5°56	20°22	11°52	5°29	2°43	12°32	19°34	11°53	12°42	21°18	4°47	W 18
T 19	19 47 23	26°44'27	24°18	16°R 1	7° 9	21° 0	12° 0	5°27	2°44	12°32	19°35	11°52	12°38	21°25	4°46	T 19
F 20	19 51 20	27°41'42	7♂56	15°59	8°22	21°38	12° 8	5°26	2°45	12°33	19°36	11°D52	12°35	21°31	4°46	F 20
S 21	19 55 16	28°38'58	21°49	15°53	9°35	22°16	12°16	5°24	2°46	12°34	19°36	11°52	12°32	21°38	4°45	S 21
S 22	19 59 13	29°36'14	5♂52	15°42	10°48	22°53	12°24	5°22	2°46	12°35	19°37	11°52	12°29	21°45	4°44	S 22
M 23	20 3 9	0♂33'29	20° 3	15°26	12° 2	23°31	12°32	5°20	2°47	12°36	19°37	11°53	12°26	21°52	4°44	M 23
T 24	20 7 6	1°30'45	4♂19	15° 6	13°15	24° 9	12°39	5°19	2°48	12°37	19°38	11°54	12°23	21°58	4°43	T 24
W 25	20 11 2	2°28'00	18°36	14°42	14°28	24°46	12°47	5°17	2°49	12°38	19°38	11°55	12°19	22° 5	4°42	W 25
T 26	20 14 59	3°25'16	2♂51	14°14	15°41	25°24	12°54	5°16	2°49	12°39	19°39	11°R55	12°16	22°12	4°41	T 26
F 27	20 18 55	4°22'31	17° 2	13°42	16°54	26° 2	13° 1	5°15	2°50	12°40	19°39	11°55	12°13	22°18	4°40	F 27
S 28	20 22 52	5°19'47	1♂ 7	13° 7	18° 7	26°40	13° 8	5°14	2°50	12°41	19°40	11°54	12°10	22°25	4°39	S 28
S 29	20 26 49	6°17'03	15° 2	12°29	19°20	27°17	13°15	5°13	2°51	12°42	19°40	11°54	12° 7	22°32	4°38	S 29
M 30	20 30 45	7°14'19	28°47	11°50	20°34	27°55	13°22	5°12	2°51	12°43	19°41	11°53	12° 4	22°39	4°37	M 30
T 31	20 34 42	8♂11'35	12♂20	11♂ 9	21♂47	28♂33	13♂28	5♂11	2♂52	12♂44	19♂41	11♂53	12♂ 0	22♂45	4♂36	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	23n 1	25s45	4s48	20n 5	1n 1	21n29	1s 5	18n58	1n15	13n26	1s 9	19s15	2n 3	11n43	0s34	S 1
M 2	22 57	27 3	4 10	19 39	0 52	21 38	1 3	18 47	1 14	13 29	1 9	19 15	2 3	11 43	0 34	M 2
T 3	22 52	26 37	3 17	19 13	0 42	21 48	1 1	18 37	1 14	13 32	1 9	19 15	2 3	11 44	0 34	T 3
W 4	22 47	24 32	2 14	18 47	0 31	21 56	0 58	18 26	1 14	13 35	1 9	19 14	2 3	11 44	0 34	W 4
T 5	22 42	21 6	1 4	18 21	0 20	22 4	0 56	18 16	1 14	13 38	1 9	19 14	2 3	11 45	0 34	T 5
F 6	22 36	16 41	0n 7	17 55	0 9	22 12	0 54	18 5	1 14	13 41	1 9	19 14	2 2	11 45	0 34	F 6
S 7	22 29	11 38	1 16	17 29	0s 3	22 18	0 51	17 54	1 14	13 44	1 10	19 13	2 2	11 46	0 34	S 7
S 8	22 23	6 14	2 20	17 3	0 16	22 24	0 49	17 43	1 13	13 47	1 10	19 13	2 2	11 46	0 34	S 8
M 9	22 16	0 42	3 16	16 38	0 29	22 30	0 46	17 32	1 13	13 49	1 10	19 13	2 2	11 47	0 34	M 9
T 10	22 8	4n45	4 3	16 14	0 42	22 35	0 44	17 21	1 13	13 52	1 10	19 13	2 2	11 47	0 34	T 10
W 11	22 0	9 59	4 39	15 50	0 56	22 39	0 41	17 9	1 13	13 55	1 10	19 12	2 1	11 48	0 34	W 11
T 12	21 52	14 51	5 3	15 26	1 10	22 42	0 39	16 58	1 13	13 58	1 10	19 12	2 1	11 48	0 34	T 12
F 13	21 44	19 11	5 14	15 4	1 25	22 45	0 36	16 46	1 12	14 0	1 10	19 12	2 1	11 49	0 34	F 13
S 14	21 35	22 47	5 11	14 42	1 40	22 48	0 34	16 35	1 12	14 3	1 11	19 12	2 1	11 49	0 34	S 14
S 15	21 25	25 26	4 55	14 22	1 54	22 49	0 31	16 23	1 12	14 5	1 11	19 11	2 1	11 49	0 34	S 15
M 16	21 16	26 54	4 24	14 2	2 9	22 50	0 29	16 11	1 12	14 8	1 11	19 11	2 0	11 50	0 34	M 16
T 17	21 6	27 0	3 39	13 44	2 25	22 51	0 26	15 59	1 12	14 10	1 11	19 11	2 0	11 50	0 34	T 17
W 18	20 55	25 37	2 42	13 28	2 40	22 50	0 24	15 47	1 11	14 13	1 11	19 11	2 0	11 50	0 34	W 18
T 19	20 44	22 45	1 35	13 12	2 55	22 49	0 21	15 35	1 11	14 15	1 12	19 11	2 0	11 51	0 34	T 19
F 20	20 33	18 34	0 22	12 59	3 9	22 47	0 18	15 22	1 11	14 17	1 12	19 11	2 0	11 51	0 34	F 20
S 21	20 22	13 20	0s55	12 47	3 24	22 45	0 16	15 10	1 11	14 20	1 12	19 11	1 59	11 51	0 34	S 21
S 22	20 10	7 20	2 9	12 37	3 37	22 42	0 13	14 57	1 11	14 22	1 12	19 10	1 59	11 52	0 34	S 22
M 23	19 58	0 55	3 16	12 29	3 51	22 39	0 11	14 45	1 10	14 24	1 12	19 10	1 59	11 52	0 34	M 23
T 24	19 46	5s33	4 11	12 22	4 3	22 34	0 8	14 32	1 10	14 26	1 12	19 10	1 59	11 52	0 34	T 24
W 25	19 33	11 45	4 51	12 18	4 15	22 29	0 6	14 19	1 10	14 28	1 13	19 10	1 58	11 52	0 34	W 25
T 26	19 20	17 19	5 13	12 16	4 26	22 24	0 3	14 6	1 10	14 30	1 13	19 10	1 58	11 52	0 34	T 26
F 27	19 6	21 54	5 15	12 15	4 35	22 17	0 0	13 53	1 9	14 32	1 13	19 10	1 58	11 53	0 34	F 27
S 28	18 53	25 11	4 59	12 17	4 44	22 11	0n 2	13 40	1 9	14 34	1 13	19 10	1 58	11 53	0 34	S 28
S 29	18 39	26 55	4 25	12 21	4 51	22 3	0 5	13 27	1 9	14 36	1 13	19 10	1 57	11 53	0 34	S 29
M 30	18 24	26 58	3 37	12 26	4 56	21 55	0 7	13 14	1 9	14 38	1 14	19 10	1 57	11 53	0 34	M 30
T 31	18n10	25s23	2s36	12n34	5s 0	21n46	0n10	13n 1	1n 9	14n39	1s14	19s11	1n57	11n53	0s34	T 31

Julian Day Number = 2672332.5, Delta T = 20m30s  
Ecliptic obliquity = 23°21'44, Nutation = 0°00'13  
Ayanamsha: Fagan/Bradley = 33°11'43, Lahiri = 32°18'43



## ASTRODIENST EPHEMERIS for the year 2604

SEPTEMBER 2604

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 40 51	8♍51'47	12♋38	25♏13	1♍6	18♍46	15♏25	5♌34	2♍R39	13♏34	19♍R43	11♍R46	10♏19	26♍20	3♍R35	S 1
S 2	22 44 48	9°49'34	24°49	27° 3	2°20	19°24	15°26	5°36	2♌38	13°36	19♌43	11♏43	10°15	26°27	3♍32	S 2
M 3	22 48 44	10°47'23	6♍52	28°56	3°34	20° 2	15°26	5°38	2°37	13°38	19°43	11°38	10°12	26°34	3°30	M 3
T 4	22 52 41	11°45'14	18°48	0♍51	4°48	20°40	15°R26	5°41	2°36	13°40	19°42	11°33	10° 9	26°40	3°27	T 4
W 5	22 56 38	12°43'06	0♌41	2°47	6° 2	21°18	15°26	5°43	2°34	13°42	19°42	11°28	10° 6	26°47	3°25	W 5
T 6	23 0 34	13°40'59	12°33	4°44	7°17	21°57	15°26	5°46	2°33	13°44	19°42	11°23	10° 3	26°54	3°22	T 6
F 7	23 4 31	14°38'55	24°27	6°42	8°31	22°35	15°26	5°49	2°32	13°46	19°41	11°20	10° 0	27° 1	3°20	F 7
S 8	23 8 27	15°36'52	6♌28	8°40	9°45	23°13	15°25	5°51	2°30	13°48	19°41	11°18	9°56	27° 7	3°17	S 8
S 9	23 12 24	16°34'51	18°40	10°39	10°59	23°51	15°24	5°54	2°29	13°50	19°41	11°D18	9°53	27°14	3°14	S 9
M10	23 16 20	17°32'53	1♌7	12°37	12°14	24°29	15°23	5°57	2°27	13°52	19°40	11°18	9°50	27°21	3°12	M10
T 11	23 20 17	18°30'55	13°54	14°35	13°28	25° 8	15°22	6° 0	2°26	13°54	19°40	11°20	9°47	27°27	3° 9	T 11
W12	23 24 13	19°29'00	27° 6	16°32	14°43	25°46	15°20	6° 4	2°24	13°56	19°39	11°21	9°44	27°34	3° 6	W12
T 13	23 28 10	20°27'07	10♏43	18°29	15°57	26°24	15°19	6° 7	2°23	13°58	19°39	11°R22	9°41	27°41	3° 4	T 13
F 14	23 32 7	21°25'15	24°48	20°25	17°11	27° 3	15°17	6°10	2°21	14° 0	19°38	11°21	9°37	27°48	3° 1	F 14
S 15	23 36 3	22°23'25	9♍18	22°21	18°26	27°41	15°15	6°14	2°19	14° 2	19°38	11°19	9°34	27°54	2°58	S 15
S 16	23 40 0	23°21'37	24° 8	24°15	19°40	28°19	15°12	6°17	2°18	14° 5	19°37	11°14	9°31	28° 1	2°56	S 16
M17	23 43 56	24°19'51	9♏10	26° 8	20°55	28°58	15°10	6°21	2°16	14° 7	19°37	11° 8	9°28	28° 8	2°53	M17
T 18	23 47 53	25°18'06	24°15	28° 0	22° 9	29°36	15° 7	6°24	2°14	14° 9	19°36	11° 2	9°25	28°14	2°50	T 18
W19	23 51 49	26°16'23	9♍13	29°51	23°24	0♏14	15° 4	6°28	2°12	14°11	19°36	10°55	9°21	28°21	2°47	W19
T 20	23 55 46	27°14'41	23°57	1♏41	24°38	0°53	15° 1	6°32	2°10	14°13	19°35	10°50	9°18	28°28	2°45	T 20
F 21	23 59 42	28°13'01	8♌20	3°30	25°53	1°31	14°58	6°36	2° 9	14°15	19°34	10°46	9°15	28°35	2°42	F 21
S 22	0 3 39	29°11'22	22°19	5°18	27° 7	2°10	14°55	6°40	2° 7	14°17	19°34	10°45	9°12	28°41	2°39	S 22
S 23	0 7 36	0♏9'45	5♌55	7° 5	28°22	2°48	14°51	6°44	2° 5	14°20	19°33	10°D44	9° 9	28°48	2°36	S 23
M24	0 11 32	1° 8'10	19° 9	8°50	29°36	3°27	14°47	6°48	2° 3	14°22	19°32	10°45	9° 6	28°55	2°33	M24
T 25	0 15 29	2° 6'36	2♏4	10°35	0♏51	4° 5	14°43	6°53	2° 1	14°24	19°32	10°46	9° 2	29° 1	2°31	T 25
W26	0 19 25	3° 5'03	14°43	12°18	2° 6	4°44	14°39	6°57	1°59	14°26	19°31	10°R47	8°59	29° 8	2°28	W26
T 27	0 23 22	4° 3'32	27° 9	14° 1	3°20	5°22	14°35	7° 1	1°57	14°28	19°30	10°45	8°56	29°15	2°25	T 27
F 28	0 27 18	5° 2'03	9♌25	15°42	4°35	6° 1	14°30	7° 6	1°55	14°31	19°29	10°42	8°53	29°22	2°22	F 28
S 29	0 31 15	6° 0'36	21°33	17°22	5°50	6°39	14°26	7°10	1°52	14°33	19°29	10°35	8°50	29°28	2°20	S 29
S 30	0 35 11	6♏59'10	3♍34	19♏1	7♏4	7♏18	14♏21	7♌15	1♌50	14♏35	19♌28	10♏27	8♏47	29♍35	2♍17	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	8n13	4s19	2n41	14n10	1n 9	12n11	1n13	5n21	1n 0	15n 7	1s20	19s22	1n49	11n48	0s35	4s 4
S 2	7 52	1n13	3 34	13 39	1 17	11 46	1 14	5 6	1 0	15 7	1 21	19 23	1 49	11 48	0 35	4 4
M 3	7 30	6 39	4 17	13 7	1 24	11 20	1 15	4 51	0 59	15 7	1 21	19 23	1 49	11 47	0 35	4 5
T 4	7 8	11 47	4 48	12 32	1 30	10 54	1 16	4 35	0 59	15 7	1 21	19 24	1 49	11 47	0 35	4 6
W 5	6 46	16 27	5 6	11 55	1 35	10 28	1 17	4 20	0 59	15 7	1 21	19 25	1 48	11 46	0 35	4 7
T 6	6 24	20 30	5 12	11 17	1 39	10 1	1 18	4 5	0 58	15 7	1 22	19 25	1 48	11 46	0 35	4 8
F 7	6 2	23 43	5 4	10 36	1 42	9 34	1 19	3 49	0 58	15 6	1 22	19 26	1 48	11 46	0 35	4 8
S 8	5 39	25 57	4 42	9 54	1 44	9 7	1 20	3 34	0 58	15 6	1 22	19 27	1 48	11 45	0 35	4 9
S 9	5 17	27 0	4 8	9 11	1 46	8 40	1 21	3 19	0 57	15 5	1 22	19 28	1 47	11 45	0 35	4 10
M10	4 54	26 43	3 21	8 27	1 46	8 12	1 21	3 3	0 57	15 5	1 22	19 28	1 47	11 44	0 35	4 11
T 11	4 32	25 1	2 24	7 41	1 46	7 45	1 22	2 48	0 57	15 4	1 23	19 29	1 47	11 43	0 35	4 11
W12	4 9	21 56	1 17	6 55	1 46	7 17	1 23	2 32	0 56	15 4	1 23	19 30	1 47	11 43	0 35	4 12
T 13	3 46	17 33	0 3	6 8	1 44	6 48	1 23	2 17	0 56	15 3	1 23	19 31	1 47	11 42	0 35	4 13
F 14	3 23	12 5	1s12	5 21	1 42	6 20	1 24	2 2	0 56	15 2	1 23	19 31	1 46	11 42	0 35	4 14
S 15	3 1	5 49	2 26	4 34	1 40	5 51	1 24	1 46	0 55	15 2	1 23	19 32	1 46	11 41	0 35	4 15
S 16	2 38	0s54	3 31	3 46	1 37	5 22	1 24	1 31	0 55	15 1	1 23	19 33	1 46	11 41	0 35	4 16
M17	2 15	7 38	4 22	2 58	1 33	4 53	1 25	1 15	0 55	15 0	1 24	19 34	1 46	11 40	0 35	4 16
T 18	1 52	13 57	4 55	2 10	1 29	4 24	1 25	0 59	0 54	14 59	1 24	19 35	1 45	11 39	0 35	4 17
W19	1 29	19 23	5 8	1 22	1 25	3 55	1 25	0 44	0 54	14 58	1 24	19 35	1 45	11 39	0 35	4 18
T 20	1 6	23 33	5 0	0 34	1 20	3 26	1 25	0 48	0 54	14 57	1 24	19 36	1 45	11 38	0 35	4 19
F 21	0 42	26 7	4 33	0s14	1 15	2 56	1 25	0 13	0 53	14 56	1 24	19 37	1 45	11 37	0 35	4 20
S 22	0 19	26 59	3 51	1 2	1 10	2 27	1 25	0s 3	0 53	14 55	1 25	19 38	1 45	11 37	0 35	4 21
S 23	0s 4	26 10	2 56	1 49	1 4	1 57	1 25	0 18	0 53	14 53	1 25	19 39	1 44	11 36	0 35	4 21
M24	0 27	23 53	1 54	2 36	0 58	1 27	1 25	0 34	0 52	14 52	1 25	19 40	1 44	11 35	0 35	4 22
T 25	0 50	20 24	0 47	3 22	0 52	0 57	1 25	0 49	0 52	14 51	1 25	19 41	1 44	11 35	0 35	4 23
W26	1 13	16 2	0n21	4 8	0 46	0 27	1 24	1 5	0 52	14 49	1 25	19 42	1 44	11 34	0 36	4 24
T 27	1 37	11 4	1 27	4 54	0 40	0s 2	1 24	1 21	0 51	14 48	1 25	19 43	1 44	11 33	0 36	4 25
F 28	2 0	5 44	2 27	5 39	0 33	0 32	1 23	1 36	0 51	14 47	1 26	19 43	1 43	11 33	0 36	4 26
S 29	2 23	0 16	3 20	6 24	0 26	1 2	1 23	1 52	0 51	14 45	1 26	19 44	1 43	11 32	0 36	4 26
S 30	2s46	5n 9	4n 4	7s 8	0n19	1s32	1n22	2s 7	0n50	14n44	1s26	19s45	1n43	11n31	0s36	4s27

Julian Day Number = 2672394.5, Delta T = 20m30s

Ecliptic obliquity = 23°21'45, Nutation = 0°00'14

Ayanamsha: Fagan/Bradley = 33°11'52, Lahiri = 32°18'52

## ASTRODIENST EPHEMERIS for the year 2604

OCTOBER 2604

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 39 8	7♂5746	15♂32	20♂40	8♂19	7♂57	14♂R16	7♂19	1♂R48	14♂37	19♂R27	10♂R16	8♂43	29♂42	2♂R14	M 1
T 2	0 43 5	8♂5624	27♂25	22♂17	9♂34	8♂35	14♂11	7♂24	1♂R46	14♂39	19♂R26	10♂45	8♂40	29♂49	2♂Y11	T 2
W 3	0 47 1	9♂5505	9♂17	23♂53	10♂48	9♂14	14° 5	7°29	1°44	14°42	19°25	9°54	8°37	29°55	2° 8	W 3
T 4	0 50 58	10♂5347	21° 9	25°28	12° 3	9°53	14° 0	7°34	1°42	14°44	19°25	9°44	8°34	0♂ 2	2° 6	T 4
F 5	0 54 54	11♂5232	3♂II 4	27° 3	13°18	10°31	13°54	7°39	1°39	14°46	19°24	9°35	8°31	0° 9	2° 3	F 5
S 6	0 58 51	12♂5118	15° 5	28°36	14°33	11°10	13°48	7°44	1°37	14°48	19°23	9°29	8°27	0°15	2° 0	S 6
S 7	1 2 47	13°50'07	27°14	0♂II 9	15°47	11°49	13°42	7°49	1°35	14°50	19°22	9°25	8°24	0°22	1°58	S 7
M 8	1 6 44	14°48'58	9♂38	1°40	17° 2	12°28	13°36	7°54	1°33	14°53	19°21	9°D24	8°21	0°29	1°55	M 8
T 9	1 10 40	15°47'52	22°20	3°11	18°17	13° 7	13°30	7°59	1°30	14°55	19°20	9°24	8°18	0°36	1°52	T 9
W10	1 14 37	16°46'47	5♂25	4°41	19°32	13°45	13°23	8° 5	1°28	14°57	19°19	9°R24	8°15	0°42	1°50	W10
T 11	1 18 34	17°45'45	18°56	6°10	20°46	14°24	13°17	8°10	1°26	14°59	19°18	9°24	8°12	0°49	1°47	T 11
F 12	1 22 30	18°44'45	2♂II 57	7°38	22° 1	15° 3	13°10	8°15	1°23	15° 2	19°18	9°22	8° 8	0°56	1°44	F 12
S 13	1 26 27	19°43'47	17°26	9° 5	23°16	15°42	13° 3	8°21	1°21	15° 4	19°17	9°17	8° 5	1° 2	1°42	S 13
S 14	1 30 23	20°42'52	2♂21	10°31	24°31	16°21	12°57	8°26	1°19	15° 6	19°16	9°10	8° 2	1° 9	1°39	S 14
M15	1 34 20	21°41'58	17°33	11°56	25°46	17° 0	12°49	8°32	1°16	15° 8	19°15	9° 1	7°59	1°16	1°36	M15
T 16	1 38 16	22°41'07	2♂II 53	13°21	27° 1	17°39	12°42	8°37	1°14	15°11	19°14	8°50	7°56	1°23	1°34	T 16
W17	1 42 13	23°40'18	18° 8	14°44	28°16	18°18	12°35	8°43	1°11	15°13	19°13	8°40	7°52	1°29	1°31	W17
T 18	1 46 9	24°39'30	3♂II 9	16° 6	29°30	18°57	12°28	8°49	1° 9	15°15	19°12	8°31	7°49	1°36	1°29	T 18
F 19	1 50 6	25°38'45	17°46	17°27	0♂II 45	19°36	12°20	8°55	1° 7	15°17	19°11	8°24	7°46	1°43	1°26	F 19
S 20	1 54 3	26°38'01	1♂356	18°48	2° 0	20°15	12°13	9° 1	1° 4	15°19	19°10	8°19	7°43	1°50	1°24	S 20
S 21	1 57 59	27°37'19	15°37	20° 6	3°15	20°54	12° 5	9° 6	1° 2	15°22	19° 9	8°17	7°40	1°56	1°22	S 21
M22	2 1 56	28°36'38	28°51	21°24	4°30	21°33	11°57	9°12	0°59	15°24	19° 8	8°D17	7°37	2° 3	1°19	M22
T 23	2 5 52	29°36'00	11♂42	22°40	5°45	22°12	11°50	9°18	0°57	15°26	19° 7	8°R17	7°33	2°10	1°17	T 23
W24	2 9 49	0♂II 35'22	24°13	23°55	7° 0	22°52	11°42	9°25	0°54	15°28	19° 5	8°16	7°30	2°16	1°14	W24
T 25	2 13 45	1°34'47	6♂II 30	25° 9	8°15	23°31	11°34	9°31	0°52	15°30	19° 4	8°14	7°27	2°23	1°12	T 25
F 26	2 17 42	2°34'14	18°37	26°21	9°30	24°10	11°26	9°37	0°49	15°32	19° 3	8° 8	7°24	2°30	1°10	F 26
S 27	2 21 38	3°33'42	0♂Y 36	27°31	10°45	24°49	11°18	9°43	0°47	15°35	19° 2	8° 0	7°21	2°37	1° 8	S 27
S 28	2 25 35	4°33'12	12°31	28°39	11°59	25°29	11°10	9°49	0°45	15°37	19° 1	7°49	7°18	2°43	1° 5	S 28
M29	2 29 31	5°32'44	24°24	29°45	13°14	26° 8	11° 2	9°55	0°42	15°39	19° 0	7°36	7°14	2°50	1° 3	M29
T 30	2 33 28	6°32'18	6♂II 17	0♂II 49	14°29	26°47	10°54	10° 2	0°40	15°41	18°59	7°21	7°11	2°57	1° 1	T 30
W31	2 37 25	7♂II 31'54	18♂II 10	1♂II 50	15♂II 44	27♂II 27	10♂II 46	10♂II 8	0♂II 37	15♂II 43	18♂II 58	7♂II 6	7♂II 8	3♂II 3	0♂Y 59	W31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈	♉
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s 9	10n20	4n36	7s51	0n12	2s 2	1n22	2s23	0n50	14n42	1s26	19s46	1n43	11n30	0s36	4s28	1n23	1n45	16s22	17s37	18s 1	16n 5
T 2	3 32	15 7	4 56	8 34	0 5	2 32	1 21	2 38	0 50	14 40	1 26	19 47	1 43	11 30	0 36	4 29	1 23	1 45	16 22	17 40	18 2	16 7
W 3	3 55	19 20	5 3	9 16	0s 2	3 2	1 20	2 54	0 49	14 39	1 26	19 48	1 42	11 29	0 36	4 30	1 23	1 44	16 22	17 43	18 3	16 10
T 4	4 18	22 26	4 57	9 58	0 9	3 32	1 19	3 9	0 49	14 37	1 26	19 49	1 42	11 28	0 36	4 31	1 23	1 44	16 22	17 45	18 4	16 12
F 5	4 41	25 15	4 39	10 39	0 17	4 2	1 18	3 25	0 48	14 35	1 26	19 50	1 42	11 27	0 36	4 32	1 23	1 43	16 22	17 48	18 5	16 15
S 6	5 4	26 38	4 7	11 19	0 24	4 31	1 18	3 40	0 48	14 33	1 27	19 51	1 42	11 27	0 36	4 32	1 23	1 43	16 23	17 49	18 5	16 17
S 7	5 26	26 45	3 25	11 59	0 31	5 1	1 17	3 56	0 48	14 31	1 27	19 52	1 42	11 26	0 36	4 33	1 23	1 43	16 23	17 50	18 6	16 20
M 8	5 49	25 32	2 31	12 37	0 39	5 30	1 15	4 11	0 47	14 29	1 27	19 53	1 42	11 25	0 36	4 34	1 23	1 42	16 23	17 51	18 7	16 22
T 9	6 12	22 59	1 30	13 16	0 46	6 0	1 14	4 26	0 47	14 27	1 27	19 54	1 41	11 24	0 36	4 35	1 23	1 42	16 23	17 51	18 8	16 25
W10	6 34	19 12	0 21	13 53	0 53	6 29	1 13	4 42	0 46	14 25	1 27	19 55	1 41	11 23	0 36	4 36	1 23	1 41	16 23	17 51	18 9	16 27
T 11	6 57	14 18	0s50	14 29	1 1	6 58	1 12	4 57	0 46	14 23	1 27	19 56	1 41	11 23	0 36	4 37	1 23	1 41	16 23	17 51	18 10	16 30
F 12	7 19	8 30	2 2	15 5	1 8	7 27	1 11	5 12	0 46	14 21	1 27	19 57	1 41	11 22	0 36	4 38	1 23	1 41	16 24	17 51	18 10	16 32
S 13	7 42	2 4	3 7	15 40	1 15	7 56	1 9	5 28	0 45	14 19	1 27	19 58	1 41	11 21	0 36	4 38	1 23	1 40	16 24	17 52	18 11	16 35
S 14	8 4	4s38	4 2	16 14	1 22	8 25	1 8	5 43	0 45	14 17	1 27	19 59	1 41	11 20	0 36	4 39	1 23	1 40	16 24	17 54	18 12	16 37
M15	8 26	11 11	4 41	16 47	1 29	8 54	1 6	5 58	0 44	14 15	1 27	20 0	1 40	11 19	0 36	4 40	1 23	1 40	16 24	17 57	18 13	16 40
T 16	8 48	17 7	5 0	17 19	1 36	9 22	1 5	6 14	0 44	14 13	1 27	20 1	1 40	11 18	0 36	4 41	1 23	1 39	16 24	17 59	18 14	16 42
W17	9 10	21 56	4 57	17 51	1 43	9 50	1 3	6 29	0 44	14 11	1 27	20 2	1 40	11 18	0 36	4 42	1 23	1 39	16 24	18 2	18 14	16 45
T 18	9 31	25 12	4 34	18 21	1 49	10 18	1 2	6 44	0 43	14 8	1 28	20 3	1 40	11 17	0 36	4 43	1 23	1 38	16 24	18 5	18 15	16 47
F 19	9 53	26 41	3 54	18 50	1 56	10 46	1 0	6 59	0 43	14 6	1 28	20 4	1 40	11 16	0 36	4 43	1 23	1 38	16 25	18 6	18 16	16 50
S 20	10 14	26 20	3 0	19 19	2 2	11 13	0 58	7 14	0 42	14 4	1 28	20 5	1 40	11 15	0 36	4 44	1 23	1 38	16 25	18 8	18 17	16 52
S 21	10 36	24 23	1 57	19 46	2 8	11 40	0 57	7 29	0 42	14 1	1 28	20 6	1 39	11 14	0 36	4 45	1 23	1 37	16 25	18 8	18 18	16 55
M22	10 57	21 8	0 50	20 13	2 14	12 7	0 55	7 44	0 42	13 59	1 28	20 7	1 39	11 13	0 36	4 46	1 23	1 37	16 25	18 8	18 19	16 57
T 23	11 18	16 56	0n18	20 38	2 20	12 34	0 53	7 59	0 41	13 57	1 28	20 9	1 39	11 13	0 36	4 47	1 23	1 37	16 25	18 8	18 19	16 59
W24	11 39	12 6	1 23	21 2	2 25	13 0	0 51	8 14	0 41	13 54	1 28	20 10	1 39	11 12	0 36	4 48	1 23	1 36	16 25	18 8	18 20	17 2
T 25	11 59	6 53	2 23	21 26	2 31	13 26	0 49	8 29	0 40	13 52	1 28	20 11	1 39	11 11	0 36	4 48	1 23	1 36	16 25	18 9	18 21	17 4
F 26	12 20	1 29	3 16	21 48	2 36	13 52	0 47	8 43	0 40	13 49	1 28	20 12	1 39	11 10	0 36	4 49	1 23	1 36	16 25	18 10	18 22	17 7
S 27	12 40	3n53	3 59	22 8	2 40	14 17	0 45	8 58	0 40	13 47	1 28	20 13	1 39	11 9	0 36	4 50	1 23	1 35	16 25	18 13	18 23	17 9
S 28	13 0	9 5	4 31	22 28	2 44	14 42	0 43	9 13	0 39	13 45	1 28	20 14	1 38	11 8	0 36	4 51	1 23	1 35	16 25	18 15	18 23	17 12
M29	13 20	13 57	4 51	22 46	2 48	15 6	0 41	9 27	0 39	13 42	1 28	20 15	1 38	11 8	0 35	4 52	1 23	1 35	16 25	18 19	18 24	17 14
T 30	13 39	18 16	4 59	23 3	2 52	15 31	0 39	9 42	0 38	13 40	1 28	20 16	1 38	11 7	0 35	4 52	1 23	1 34	16 25	18 22	18 25	17 16
W31	13s59	21n53	4n54	23s19	2s55	15s54	0n37	9s56	0n38	13n37	1s27	20s17	1n38	11n 6	0s35	4s53	1n23	1n34	16s26	18s26	18s26	17n19
																					3n23	3n16

Julian Day Number = 2672424.5, Delta T = 20m31s

Ecliptic obliquity = 23°21'45", Nutation = 0°00'13"

Ayanamsha: Fagan/Bradley = 33°11'56", Lahiri = 32°18'56"

## ASTRODIENST EPHEMERIS for the year 2604

NOVEMBER 2604

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 41 21	8♉31'32	0♈ 6	2♈49	16♉59	28♈ 6	10°R38	10♈15	0°R35	15♈45	18°R57	6°R53	7♈ 5	3♈10	0°R57	T 1
F 2	2 45 18	9°31'12	12° 5	3°44	18°14	28°45	10♈30	10°21	0♈33	15°47	18♈56	6♈41	7° 2	3°17	0°V55	F 2
S 3	2 49 14	10°30'54	24°10	4°36	19°29	29°25	10°21	10°27	0°30	15°49	18°55	6°33	6°58	3°24	0°53	S 3
S 4	2 53 11	11°30'38	6♈24	5°25	20°44	0♈ 4	10°13	10°34	0°28	15°51	18°53	6°27	6°55	3°30	0°51	S 4
M 5	2 57 7	12°30'25	18°48	6° 9	21°59	0°44	10° 5	10°41	0°25	15°53	18°52	6°24	6°52	3°37	0°49	M 5
T 6	3 1 4	13°30'14	1♈29	6°49	23°14	1°23	9°57	10°47	0°23	15°55	18°51	6°23	6°49	3°44	0°47	T 6
W 7	3 5 1	14°30'05	14°28	7°24	24°29	2° 3	9°49	10°54	0°21	15°57	18°50	6°23	6°46	3°51	0°45	W 7
T 8	3 8 57	15°29'58	27°52	7°53	25°44	2°42	9°41	11° 0	0°18	15°59	18°49	6°23	6°43	3°57	0°44	T 8
F 9	3 12 54	16°29'53	11♈42	8°16	26°59	3°22	9°33	11° 7	0°16	16° 1	18°48	6°21	6°39	4° 4	0°42	F 9
S 10	3 16 50	17°29'50	25°59	8°33	28°14	4° 2	9°25	11°14	0°14	16° 3	18°47	6°17	6°36	4°11	0°40	S 10
S 11	3 20 47	18°29'50	10♈43	8°41	29°29	4°41	9°17	11°21	0°11	16° 5	18°46	6°10	6°33	4°17	0°39	S 11
M12	3 24 43	19°29'51	25°47	8°R42	0♈44	5°21	9° 9	11°27	0° 9	16° 7	18°45	6° 0	6°30	4°24	0°37	M12
T 13	3 28 40	20°29'55	11♈ 3	8°34	1°59	6° 1	9° 1	11°34	0° 7	16° 9	18°43	5°49	6°27	4°31	0°35	T 13
W14	3 32 36	21°30'00	26°20	8°17	3°14	6°40	8°53	11°41	0° 5	16°11	18°42	5°38	6°24	4°38	0°34	W14
T 15	3 36 33	22°30'08	11♈27	7°51	4°29	7°20	8°46	11°48	0° 3	16°13	18°41	5°29	6°20	4°44	0°33	T 15
F 16	3 40 30	23°30'17	26°13	7°15	5°44	8° 0	8°38	11°55	0° 0	16°15	18°40	5°21	6°17	4°51	0°31	F 16
S 17	3 44 26	24°30'28	10♈33	6°29	6°59	8°40	8°31	12° 2	29°V58	16°17	18°39	5°16	6°14	4°58	0°30	S 17
S 18	3 48 23	25°30'40	24°23	5°33	8°14	9°20	8°23	12° 9	29°56	16°19	18°38	5°14	6°11	5° 5	0°28	S 18
M19	3 52 19	26°30'54	7♈44	4°30	9°29	10° 0	8°16	12°16	29°54	16°20	18°37	5°D13	6° 8	5°11	0°27	M19
T 20	3 56 16	27°31'09	20°39	3°19	10°44	10°39	8° 9	12°23	29°52	16°22	18°36	5°14	6° 4	5°18	0°26	T 20
W21	4 0 12	28°31'25	3♈12	2° 3	11°59	11°19	8° 1	12°30	29°50	16°24	18°34	5°R14	6° 1	5°25	0°25	W21
T 22	4 4 9	29°31'43	15°28	0°43	13°14	11°59	7°54	12°37	29°48	16°26	18°33	5°12	5°58	5°31	0°24	T 22
F 23	4 8 5	0♈32'02	27°31	29♈23	14°29	12°39	7°47	12°44	29°46	16°27	18°32	5° 9	5°55	5°38	0°23	F 23
S 24	4 12 2	1°32'23	9°V27	28° 4	15°44	13°19	7°41	12°51	29°44	16°29	18°31	5° 3	5°52	5°45	0°22	S 24
S 25	4 15 59	2°32'45	21°19	26°51	16°59	13°59	7°34	12°58	29°42	16°31	18°30	4°54	5°49	5°52	0°21	S 25
M26	4 19 55	3°33'08	3♈11	25°43	18°14	14°39	7°27	13° 5	29°40	16°32	18°29	4°43	5°45	5°58	0°20	M26
T 27	4 23 52	4°33'33	15° 4	24°45	19°29	15°20	7°21	13°12	29°38	16°34	18°28	4°31	5°42	6° 5	0°19	T 27
W28	4 27 48	5°34'00	27° 2	23°57	20°44	16° 0	7°15	13°19	29°36	16°36	18°27	4°19	5°39	6°12	0°18	W28
T 29	4 31 45	6°34'28	9♈ 4	23°20	21°59	16°40	7° 9	13°26	29°34	16°37	18°26	4° 8	5°36	6°18	0°18	T 29
F 30	4 35 41	7♈34'58	21♈13	22♈55	23♈14	17♈20	7♈ 3	13♈33	29°V33	16♈39	18♈25	3♈59	5♈33	6♈25	0°V17	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	14s18	24n35	4n35	23s33	2s57	16s18	0n35	10s11	0n37	13n35	1s27	20s18	1n38	11n 5	0s35	4s54	1n23
F 2	14 37	26 13	4 5	23 46	2 59	16 41	0 33	10 25	0 37	13 32	1 27	20 19	1 38	11 4	0 35	4 55	1 23
S 3	14 56	26 37	3 23	23 57	3 0	17 4	0 30	10 40	0 36	13 30	1 27	20 20	1 38	11 3	0 35	4 55	1 23
S 4	15 14	25 44	2 31	24 6	3 1	17 26	0 28	10 54	0 36	13 27	1 27	20 21	1 38	11 3	0 35	4 56	1 23
M 5	15 32	23 33	1 32	24 14	3 1	17 47	0 26	11 8	0 36	13 25	1 27	20 22	1 37	11 2	0 35	4 57	1 23
T 6	15 51	20 11	0 26	24 20	3 0	18 9	0 23	11 22	0 35	13 22	1 27	20 23	1 37	11 1	0 35	4 58	1 23
W 7	16 8	15 45	0s43	24 24	2 58	18 29	0 21	11 36	0 35	13 20	1 27	20 24	1 37	11 0	0 35	4 58	1 23
T 8	16 26	10 26	1 51	24 26	2 55	18 50	0 19	11 50	0 34	13 18	1 27	20 25	1 37	10 59	0 35	4 59	1 23
F 9	16 43	4 27	2 55	24 26	2 51	19 9	0 16	12 4	0 34	13 15	1 27	20 26	1 37	10 59	0 35	5 0	1 23
S 10	17 0	1s56	3 50	24 24	2 46	19 28	0 14	12 18	0 33	13 13	1 27	20 27	1 37	10 58	0 35	5 1	1 24
S 11	17 17	8 24	4 32	24 19	2 40	19 47	0 12	12 32	0 33	13 10	1 27	20 28	1 37	10 57	0 35	5 1	1 24
M12	17 33	14 31	4 56	24 12	2 33	20 5	0 9	12 45	0 32	13 8	1 26	20 29	1 37	10 56	0 35	5 2	1 24
T 13	17 49	19 50	5 0	24 1	2 23	20 23	0 7	12 59	0 32	13 6	1 26	20 30	1 36	10 56	0 35	5 3	1 24
W14	18 5	23 50	4 42	23 48	2 13	20 40	0 4	13 12	0 31	13 3	1 26	20 31	1 36	10 55	0 35	5 3	1 24
T 15	18 20	26 7	4 4	23 32	2 0	20 56	0 2	13 26	0 31	13 1	1 26	20 32	1 36	10 54	0 35	5 4	1 24
F 16	18 35	26 29	3 11	23 12	1 46	21 12	0s 1	13 39	0 30	12 59	1 26	20 33	1 36	10 53	0 35	5 5	1 24
S 17	18 50	25 3	2 7	22 49	1 31	21 27	0 3	13 52	0 30	12 56	1 26	20 34	1 36	10 53	0 35	5 6	1 24
S 18	19 5	22 7	0 57	22 22	1 14	21 42	0 6	14 5	0 29	12 54	1 25	20 35	1 36	10 52	0 35	5 6	1 24
M19	19 19	18 4	0n13	21 53	0 55	21 56	0 8	14 18	0 29	12 52	1 25	20 36	1 36	10 51	0 35	5 7	1 24
T 20	19 33	13 17	1 21	21 20	0 36	22 9	0 11	14 31	0 28	12 50	1 25	20 37	1 36	10 50	0 35	5 8	1 24
W21	19 46	8 5	2 23	20 45	0 16	22 22	0 13	14 44	0 28	12 48	1 25	20 38	1 36	10 50	0 35	5 8	1 24
T 22	19 59	2 41	3 17	20 9	0n 5	22 34	0 16	14 57	0 27	12 46	1 25	20 39	1 36	10 49	0 35	5 9	1 24
F 23	20 12	2n42	4 1	19 32	0 26	22 46	0 18	15 9	0 27	12 44	1 25	20 40	1 36	10 48	0 35	5 9	1 24
S 24	20 24	7 56	4 34	18 56	0 45	22 56	0 20	15 22	0 26	12 42	1 24	20 41	1 36	10 48	0 35	5 10	1 24
S 25	20 36	12 50	4 55	18 21	1 4	23 6	0 23	15 34	0 26	12 40	1 24	20 42	1 35	10 47	0 35	5 11	1 24
M26	20 48	17 17	5 3	17 48	1 22	23 16	0 25	15 47	0 25	12 38	1 24	20 43	1 35	10 46	0 35	5 11	1 24
T 27	20 59	21 3	4 58	17 19	1 37	23 25	0 28	15 59	0 25	12 36	1 24	20 44	1 35	10 46	0 35	5 12	1 24
W28	21 10	23 58	4 40	16 54	1 51	23 33	0 30	16 11	0 24	12 34	1 24	20 45	1 35	10 45	0 35	5 12	1 24
T 29	21 20	25 51	4 9	16 34	2 3	23 40	0 33	16 23	0 24	12 32	1 23	20 46	1 35	10 44	0 35	5 13	1 24
F 30	21s30	26n31	3n27	16s19	2n12	23s46	0s35	16s35	0n23	12n31	1s23	20s47	1n35	10n44	0s35	5s14	1n24

Julian Day Number = 2672455.5, Delta T = 20m31s

Ecliptic obliquity = 23°21'44", Nutation = 0°00'12"

Ayanamsha: Fagan/Bradley = 33°12'00", Lahiri = 32°19'00"

## ASTRODIENST EPHEMERIS for the year 2604

DECEMBER 2604

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 39 38	8♂35'29	3♂29	22°R41	24♂29	18♂0	6°R57	13♂40	29°R31	16♂40	18°R24	3°R52	5♂30	6♂32	0°R16	S 1
S 2	4 43 34	9°36'02	15°54	22°D39	25°44	18°41	6♂51	13°47	29°Y29	16°42	18♂23	3♂48	5°26	6°39	0°Y16	S 2
M 3	4 47 31	10°36'36	28°30	22♂47	26°59	19°21	6°46	13°55	29°28	16°43	18°22	3°D46	5°23	6°45	0°15	M 3
T 4	4 51 28	11°37'12	11♂18	23° 6	28°14	20° 1	6°40	14° 2	29°26	16°45	18°21	3°46	5°20	6°52	0°15	T 4
W 5	4 55 24	12°37'50	24°21	23°33	29°29	20°42	6°35	14° 9	29°24	16°46	18°20	3°47	5°17	6°59	0°14	W 5
T 6	4 59 21	13°38'29	7♂43	24° 9	0♂44	21°22	6°30	14°16	29°23	16°48	18°19	3°R48	5°14	7° 6	0°14	T 6
F 7	5 3 17	14°39'09	21°25	24°53	1°59	22° 2	6°25	14°23	29°21	16°49	18°18	3°48	5°10	7°12	0°14	F 7
S 8	5 7 14	15°39'52	5♂29	25°42	3°14	22°43	6°21	14°30	29°20	16°51	18°17	3°47	5° 7	7°19	0°14	S 8
S 9	5 11 10	16°40'36	19°54	26°38	4°29	23°23	6°16	14°37	29°18	16°52	18°16	3°43	5° 4	7°26	0°13	S 9
M10	5 15 7	17°41'21	4♂38	27°39	5°44	24° 4	6°12	14°45	29°17	16°53	18°15	3°37	5° 1	7°32	0°13	M10
T 11	5 19 3	18°42'08	19°33	28°43	6°59	24°44	6° 8	14°52	29°16	16°54	18°14	3°30	4°58	7°39	0°D13	T 11
W12	5 23 0	19°42'57	4♂33	29°52	8°14	25°25	6° 4	14°59	29°14	16°56	18°13	3°23	4°55	7°46	0°13	W12
T 13	5 26 57	20°43'46	19°27	1♂ 4	9°29	26° 6	6° 0	15° 6	29°13	16°57	18°12	3°16	4°51	7°53	0°13	T 13
F 14	5 30 53	21°44'37	4♂ 8	2°19	10°44	26°46	5°57	15°13	29°12	16°58	18°11	3°11	4°48	7°59	0°14	F 14
S 15	5 34 50	22°45'29	18°27	3°36	11°59	27°27	5°53	15°20	29°11	16°59	18°10	3° 9	4°45	8° 6	0°14	S 15
S 16	5 38 46	23°46'22	2♂22	4°56	13°14	28° 8	5°50	15°27	29°10	17° 0	18° 9	3°D 8	4°42	8°13	0°14	S 16
M17	5 42 43	24°47'16	15°49	6°17	14°29	28°48	5°47	15°34	29° 8	17° 1	18° 8	3° 8	4°39	8°20	0°14	M17
T 18	5 46 39	25°48'10	28°50	7°39	15°44	29°29	5°44	15°42	29° 7	17° 3	18° 7	3°10	4°36	8°26	0°15	T 18
W19	5 50 36	26°49'05	11♂29	9° 3	16°59	0♂10	5°42	15°49	29° 6	17° 4	18° 7	3°11	4°32	8°33	0°15	W19
T 20	5 54 32	27°50'00	23°48	10°28	18°14	0°51	5°40	15°56	29° 6	17° 5	18° 6	3°R12	4°29	8°40	0°16	T 20
F 21	5 58 29	28°50'57	5°Y54	11°54	19°29	1°32	5°37	16° 3	29° 5	17° 6	18° 5	3°12	4°26	8°46	0°16	F 21
S 22	6 2 26	29°51'54	17°51	13°21	20°43	2°12	5°36	16°10	29° 4	17° 7	18° 4	3°10	4°23	8°53	0°17	S 22
S 23	6 6 22	0♂52'51	29°43	14°49	21°58	2°53	5°34	16°17	29° 3	17° 7	18° 3	3° 7	4°20	9° 0	0°17	S 23
M24	6 10 19	1°53'49	11♂35	16°17	23°13	3°34	5°32	16°24	29° 2	17° 8	18° 2	3° 3	4°16	9° 7	0°18	M24
T 25	6 14 15	2°54'48	23°30	17°46	24°28	4°15	5°31	16°31	29° 2	17° 9	18° 2	2°57	4°13	9°13	0°19	T 25
W26	6 18 12	3°55'47	5♂32	19°15	25°43	4°56	5°30	16°38	29° 1	17°10	18° 1	2°52	4°10	9°20	0°19	W26
T 27	6 22 8	4°56'47	17°43	20°45	26°58	5°37	5°29	16°45	29° 0	17°11	18° 0	2°47	4° 7	9°27	0°20	T 27
F 28	6 26 5	5°57'47	0♂ 3	22°15	28°13	6°18	5°28	16°51	29° 0	17°12	18° 0	2°43	4° 4	9°33	0°21	F 28
S 29	6 30 2	6°58'48	12°35	23°45	29°28	6°59	5°28	16°58	28°59	17°12	17°59	2°40	4° 1	9°40	0°22	S 29
S 30	6 33 58	7°59'50	25°18	25°16	0♂43	7°41	5°28	17° 5	28°59	17°13	17°58	2°38	3°57	9°47	0°23	S 30
M31	6 37 55	9♂ 0'52	8♂13	26♂47	1♂57	8♂22	5°D28	17♂12	28°Y58	17♂14	17♂58	2°D38	3♂54	9♂54	0°Y24	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
S 1	21s40	25n54	2n35	16s 8	2n20	23s52	0s37	16s46	0n23	12n29	1s23	20s48	1n35	10n43	0s35	S 1
S 2	21 49	23 59	1 34	16 2	2 25	23 57	0 40	16 58	0 22	12 27	1 23	20 49	1 35	10 43	0 35	S 2
M 3	21 58	20 51	0 28	16 0	2 29	24 2	0 42	17 9	0 22	12 26	1 22	20 50	1 35	10 42	0 35	M 3
T 4	22 6	16 41	0s40	16 3	2 31	24 5	0 44	17 21	0 21	12 24	1 22	20 50	1 35	10 42	0 35	T 4
W 5	22 14	11 39	1 48	16 9	2 32	24 8	0 47	17 32	0 21	12 23	1 22	20 51	1 35	10 41	0 35	W 5
T 6	22 22	5 59	2 52	16 18	2 31	24 11	0 49	17 43	0 20	12 22	1 22	20 52	1 35	10 41	0 35	T 6
F 7	22 29	0s 6	3 48	16 30	2 29	24 12	0 51	17 54	0 20	12 20	1 21	20 53	1 35	10 40	0 35	F 7
S 8	22 36	6 20	4 31	16 45	2 27	24 13	0 53	18 5	0 19	12 19	1 21	20 54	1 35	10 40	0 35	S 8
S 9	22 42	12 22	4 59	17 1	2 23	24 13	0 56	18 16	0 19	12 18	1 21	20 55	1 35	10 39	0 35	S 9
M10	22 48	17 51	5 8	17 19	2 19	24 12	0 58	18 26	0 18	12 17	1 21	20 56	1 35	10 39	0 35	M10
T 11	22 53	22 19	4 56	17 38	2 14	24 11	1 0	18 37	0 17	12 15	1 20	20 56	1 34	10 38	0 35	T 11
W12	22 58	25 18	4 24	17 58	2 8	24 8	1 2	18 47	0 17	12 14	1 20	20 57	1 34	10 38	0 35	W12
T 13	23 2	26 30	3 34	18 19	2 2	24 5	1 4	18 57	0 16	12 13	1 20	20 58	1 34	10 37	0 35	T 13
F 14	23 6	25 48	2 31	18 40	1 56	24 2	1 6	19 7	0 16	12 13	1 19	20 59	1 34	10 37	0 35	F 14
S 15	23 10	23 24	1 19	19 1	1 49	23 57	1 8	19 17	0 15	12 12	1 19	21 0	1 34	10 37	0 34	S 15
S 16	23 13	19 38	0 4	19 22	1 42	23 52	1 10	19 26	0 15	12 11	1 19	21 0	1 34	10 36	0 34	S 16
M17	23 16	14 57	1n 8	19 43	1 35	23 46	1 12	19 36	0 14	12 10	1 19	21 1	1 34	10 36	0 34	M17
T 18	23 18	9 44	2 15	20 4	1 28	23 39	1 14	19 45	0 14	12 10	1 18	21 2	1 34	10 35	0 34	T 18
W19	23 19	4 15	3 14	20 25	1 20	23 32	1 15	19 55	0 13	12 9	1 18	21 3	1 34	10 35	0 34	W19
T 20	23 21	1n15	4 1	20 45	1 13	23 24	1 17	20 4	0 12	12 9	1 18	21 4	1 34	10 35	0 34	T 20
F 21	23 21	6 35	4 37	21 4	1 5	23 15	1 19	20 12	0 12	12 8	1 17	21 4	1 34	10 35	0 34	F 21
S 22	23 22	11 37	5 1	21 23	0 58	23 6	1 20	20 21	0 11	12 8	1 17	21 5	1 34	10 34	0 34	S 22
S 23	23 22	16 11	5 11	21 40	0 50	22 55	1 22	20 30	0 11	12 8	1 17	21 6	1 34	10 34	0 34	S 23
M24	23 21	20 8	5 8	21 57	0 42	22 45	1 23	20 38	0 10	12 7	1 16	21 6	1 34	10 34	0 34	M24
T 25	23 20	23 18	4 52	22 13	0 35	22 33	1 25	20 46	0 9	12 7	1 16	21 7	1 34	10 34	0 34	T 25
W26	23 18	25 28	4 23	22 29	0 27	22 21	1 26	20 54	0 9	12 7	1 16	21 8	1 34	10 33	0 34	W26
T 27	23 16	26 28	3 42	22 43	0 20	22 8	1 28	21 2	0 8	12 7	1 16	21 9	1 34	10 33	0 34	T 27
F 28	23 14	26 11	2 49	22 56	0 12	21 54	1 29	21 10	0 8	12 7	1 15	21 9	1 34	10 33	0 34	F 28
S 29	23 11	24 34	1 48	23 8	0 5	21 40	1 30	21 18	0 7	12 7	1 15	21 10	1 34	10 33	0 34	S 29
S 30	23 7	21 40	0 40	23 19	0s 2	21 25	1 31	21 25	0 6	12 8	1 15	21 11	1 34	10 33	0 34	S 30
M31	23s 3	17n39	0s31	23s29	0s10	21s10	1s32	21s32	0n 6	12n 8	1s14	21s11	1n34	10n33	0s34	M31

Julian Day Number = 2672485.5, Delta T = 20m31s

Ecliptic obliquity = 23°21'43, Nutation = 0°00'13

Ayanamsha: Fagan/Bradley = 33°12'04, Lahiri = 32°19'04

## ASTRODIENST EPHEMERIS for the year 2605

JANUARY 2605

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 41 51	10° 15' 55"	21° 12' 21"	28° 18' 18"	3° 12' 12"	9° 12' 3"	5° 28' 28"	17° 19' 19"	28° 58' 58"	17° 14' 14"	17° 57' 57"	2° 39' 39"	3° 51' 51"	10° 0' 0"	0° 26' 26"	T 1
W 2	6 45 48	11° 2' 59"	4° 17' 41"	29° 50' 50"	4° 27' 27"	9° 44' 44"	5° 28' 28"	17° 26' 26"	28° 58' 58"	17° 15' 15"	17° 56' 56"	2° 41' 41"	3° 48' 48"	10° 7' 7"	0° 27' 27"	W 2
T 3	6 49 44	12° 4' 03"	18° 14' 14"	1° 22' 22"	5° 42' 42"	10° 25' 25"	5° 29' 29"	17° 32' 32"	28° 57' 57"	17° 15' 15"	17° 56' 56"	2° 42' 42"	3° 45' 45"	10° 14' 14"	0° 28' 28"	T 3
F 4	6 53 41	13° 5' 08"	2° 0' 0"	2° 54' 54"	6° 57' 57"	11° 7' 7"	5° 30' 30"	17° 39' 39"	28° 57' 57"	17° 16' 16"	17° 55' 55"	2° 43' 43"	3° 42' 42"	10° 21' 21"	0° 29' 29"	F 4
S 5	6 57 37	14° 6' 13"	16° 0' 0"	4° 26' 26"	8° 11' 11"	11° 48' 48"	5° 31' 31"	17° 46' 46"	28° 57' 57"	17° 16' 16"	17° 54' 54"	2° 43' 43"	3° 38' 38"	10° 27' 27"	0° 31' 31"	S 5
S 6	7 1 34	15° 7' 20"	0° 11' 12"	5° 59' 59"	9° 26' 26"	12° 29' 29"	5° 32' 32"	17° 52' 52"	28° 57' 57"	17° 17' 17"	17° 54' 54"	2° 43' 43"	3° 35' 35"	10° 34' 34"	0° 32' 32"	S 6
M 7	7 5 31	16° 8' 27"	14° 33' 33"	7° 32' 32"	10° 41' 41"	13° 11' 11"	5° 33' 33"	17° 59' 59"	28° 57' 57"	17° 17' 17"	17° 53' 53"	2° 42' 42"	3° 32' 32"	10° 41' 41"	0° 33' 33"	M 7
T 8	7 9 27	17° 9' 34"	29° 2' 2"	9° 5' 5"	11° 56' 56"	13° 52' 52"	5° 35' 35"	18° 5' 5"	28° 57' 57"	17° 18' 18"	17° 53' 53"	2° 40' 40"	3° 29' 29"	10° 47' 47"	0° 35' 35"	T 8
W 9	7 13 24	18° 10' 42"	13° 33' 33"	10° 39' 39"	13° 10' 10"	14° 34' 34"	5° 37' 37"	18° 12' 12"	28° 57' 57"	17° 18' 18"	17° 52' 52"	2° 38' 38"	3° 26' 26"	10° 54' 54"	0° 37' 37"	W 9
T 10	7 17 20	19° 11' 51"	28° 0' 0"	12° 12' 12"	14° 25' 25"	15° 15' 15"	5° 39' 39"	18° 18' 18"	28° 57' 57"	17° 18' 18"	17° 52' 52"	2° 36' 36"	3° 22' 22"	11° 1' 1"	0° 38' 38"	T 10
F 11	7 21 17	20° 12' 59"	12° 31' 19"	13° 47' 47"	15° 40' 40"	15° 57' 57"	5° 41' 41"	18° 25' 25"	28° 57' 57"	17° 19' 19"	17° 51' 51"	2° 35' 35"	3° 19' 19"	11° 8' 8"	0° 40' 40"	F 11
S 12	7 25 13	21° 14' 08"	26° 22' 22"	15° 21' 21"	16° 54' 54"	16° 38' 38"	5° 43' 43"	18° 31' 31"	28° 58' 58"	17° 19' 19"	17° 51' 51"	2° 34' 34"	3° 16' 16"	11° 14' 14"	0° 42' 42"	S 12
S 13	7 29 10	22° 15' 17"	10° 37' 7"	16° 56' 56"	18° 9' 9"	17° 20' 20"	5° 46' 46"	18° 38' 38"	28° 58' 58"	17° 19' 19"	17° 51' 51"	2° 34' 34"	3° 13' 13"	11° 21' 21"	0° 43' 43"	S 13
M14	7 33 6	23° 16' 26"	23° 31' 31"	18° 31' 31"	19° 24' 24"	18° 1' 1"	5° 49' 49"	18° 44' 44"	28° 58' 58"	17° 19' 19"	17° 50' 50"	2° 34' 34"	3° 10' 10"	11° 28' 28"	0° 45' 45"	M14
T 15	7 37 3	24° 17' 35"	6° 34' 34"	20° 6' 6"	20° 38' 38"	18° 43' 43"	5° 52' 52"	18° 50' 50"	28° 59' 59"	17° 19' 19"	17° 50' 50"	2° 35' 35"	3° 7' 7"	11° 35' 35"	0° 47' 47"	T 15
W16	7 41 0	25° 18' 43"	19° 15' 15"	21° 42' 42"	21° 53' 53"	19° 25' 25"	5° 55' 55"	18° 57' 57"	28° 59' 59"	17° 19' 19"	17° 50' 50"	2° 36' 36"	3° 3' 3"	11° 41' 41"	0° 49' 49"	W16
T 17	7 44 56	26° 19' 51"	1° 39' 39"	23° 18' 18"	23° 7' 7"	20° 6' 6"	5° 59' 59"	19° 3' 3"	28° 59' 59"	17° 19' 19"	17° 49' 49"	2° 37' 37"	3° 0' 0"	11° 48' 48"	0° 51' 51"	T 17
F 18	7 48 53	27° 20' 58"	13° 48' 48"	24° 55' 55"	24° 22' 22"	20° 48' 48"	6° 2' 2"	19° 9' 9"	29° 0' 0"	17° 19' 19"	17° 49' 49"	2° 37' 37"	2° 57' 57"	11° 55' 55"	0° 53' 53"	F 18
S 19	7 52 49	28° 22' 06"	25° 47' 47"	26° 32' 32"	25° 36' 36"	21° 30' 30"	6° 6' 6"	19° 15' 15"	29° 1' 1"	17° 19' 19"	17° 49' 49"	2° 37' 37"	2° 54' 54"	12° 1' 1"	0° 55' 55"	S 19
S 20	7 56 46	29° 23' 12"	7° 40' 40"	28° 10' 10"	26° 51' 51"	22° 12' 12"	6° 10' 10"	19° 21' 21"	29° 1' 1"	17° 19' 19"	17° 48' 48"	2° 37' 37"	2° 51' 51"	12° 8' 8"	0° 57' 57"	S 20
M21	8 0 42	0° 24' 19"	19° 33' 33"	29° 47' 47"	28° 5' 5"	22° 53' 53"	6° 14' 14"	19° 27' 27"	29° 2' 2"	17° 19' 19"	17° 48' 48"	2° 37' 37"	2° 48' 48"	12° 15' 15"	0° 59' 59"	M21
T 22	8 4 39	1° 25' 25"	1° 29' 29"	18° 26' 26"	29° 30' 30"	23° 35' 35"	6° 19' 19"	19° 33' 33"	29° 3' 3"	17° 19' 19"	17° 48' 48"	2° 37' 37"	2° 44' 44"	12° 22' 22"	1° 1' 1"	T 22
W23	8 8 35	2° 26' 30"	13° 33' 33"	3° 5' 5"	0° 34' 34"	24° 17' 17"	6° 23' 23"	19° 39' 39"	29° 3' 3"	17° 19' 19"	17° 48' 48"	2° 37' 37"	2° 41' 41"	12° 28' 28"	1° 4' 4"	W23
T 24	8 12 32	3° 27' 35"	25° 49' 49"	4° 44' 44"	1° 49' 49"	24° 59' 59"	6° 28' 28"	19° 45' 45"	29° 4' 4"	17° 19' 19"	17° 48' 48"	2° 37' 37"	2° 38' 38"	12° 35' 35"	1° 6' 6"	T 24
F 25	8 16 29	4° 28' 39"	8° 18' 18"	6° 24' 24"	3° 3' 3"	25° 41' 41"	6° 33' 33"	19° 50' 50"	29° 5' 5"	17° 19' 19"	17° 47' 47"	2° 37' 37"	2° 35' 35"	12° 42' 42"	1° 8' 8"	F 25
S 26	8 20 25	5° 29' 43"	21° 4' 4"	8° 4' 4"	4° 17' 17"	26° 23' 23"	6° 38' 38"	19° 56' 56"	29° 6' 6"	17° 19' 19"	17° 47' 47"	2° 37' 37"	2° 32' 32"	12° 48' 48"	1° 11' 11"	S 26
S 27	8 24 22	6° 30' 47"	4° 7' 7"	9° 45' 45"	5° 31' 31"	27° 5' 5"	6° 44' 44"	20° 2' 2"	29° 7' 7"	17° 18' 18"	17° 47' 47"	2° 37' 37"	2° 28' 28"	12° 55' 55"	1° 13' 13"	S 27
M28	8 28 18	7° 31' 49"	17° 26' 26"	11° 26' 26"	6° 46' 46"	27° 47' 47"	6° 49' 49"	20° 7' 7"	29° 8' 8"	17° 18' 18"	17° 47' 47"	2° 37' 37"	2° 25' 25"	13° 2' 2"	1° 15' 15"	M28
T 29	8 32 15	8° 32' 52"	1° 17' 17"	13° 8' 8"	8° 0' 0"	28° 29' 29"	6° 55' 55"	20° 13' 13"	29° 9' 9"	17° 18' 18"	17° 47' 47"	2° 37' 37"	2° 22' 22"	13° 9' 9"	1° 18' 18"	T 29
W30	8 36 11	9° 33' 53"	14° 48' 48"	14° 50' 50"	9° 14' 14"	29° 11' 11"	7° 1' 1"	20° 18' 18"	29° 10' 10"	17° 17' 17"	17° 47' 47"	2° 36' 36"	2° 19' 19"	13° 15' 15"	1° 20' 20"	W30
T 31	8 40 8	10° 34' 55"	28° 17' 45"	16° 32' 32"	10° 28' 28"	29° 53' 53"	7° 7' 7"	20° 24' 24"	29° 12' 12"	17° 17' 17"	17° 47' 47"	2° 35' 35"	2° 16' 16"	13° 22' 22"	1° 23' 23"	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	22s59	12n44	1s41	23s38	0s17	20s54	1s34	21s39	0n 5	12n 8	1s14	21s12	1n34	10n33	0s34	T 1
W 2	22 54	7 10	2 47	23 45	0 23	20 37	1 35	21 46	0 4	12 9	1 14	21 12	1 34	10 33	0 34	W 2
T 3	22 49	1 11	3 45	23 52	0 30	20 20	1 35	21 53	0 4	12 9	1 13	21 13	1 34	10 32	0 34	T 3
F 4	22 43	4s57	4 31	23 57	0 37	20 2	1 36	21 59	0 3	12 10	1 13	21 14	1 34	10 32	0 34	F 4
S 5	22 37	10 55	5 2	24 1	0 43	19 43	1 37	22 5	0 3	12 10	1 13	21 14	1 34	10 32	0 34	S 5
S 6	22 30	16 25	5 15	24 3	0 50	19 24	1 38	22 11	0 2	12 11	1 13	21 15	1 34	10 32	0 34	S 6
M 7	22 23	21 4	5 9	24 4	0 56	19 5	1 38	22 17	0 1	12 12	1 12	21 15	1 34	10 32	0 34	M 7
T 8	22 16	24 29	4 43	24 5	1 2	18 45	1 39	22 23	0 1	12 13	1 12	21 16	1 34	10 32	0 34	T 8
W 9	22 8	26 18	3 59	24 3	1 7	18 24	1 39	22 28	0s 0	12 13	1 12	21 17	1 34	10 33	0 34	W 9
T 10	22 0	26 20	3 0	24 1	1 13	18 3	1 40	22 34	0 1	12 14	1 11	21 17	1 34	10 33	0 34	T 10
F 11	21 51	24 37	1 50	23 57	1 18	17 41	1 40	22 39	0 1	12 15	1 11	21 18	1 34	10 33	0 34	F 11
S 12	21 42	21 22	0 34	23 52	1 23	17 19	1 41	22 44	0 2	12 16	1 11	21 18	1 34	10 33	0 34	S 12
S 13	21 32	16 59	0n42	23 45	1 28	16 56	1 41	22 48	0 3	12 18	1 10	21 19	1 34	10 33	0 34	S 13
M14	21 22	11 51	1 54	23 37	1 33	16 33	1 41	22 53	0 3	12 19	1 10	21 19	1 34	10 33	0 33	M14
T 15	21 11	6 19	2 57	23 28	1 37	16 10	1 41	22 57	0 4	12 20	1 10	21 20	1 34	10 33	0 33	T 15
W16	21 0	0 42	3 51	23 17	1 41	15 46	1 41	23 1	0 5	12 21	1 10	21 20	1 34	10 33	0 33	W16
T 17	20 49	4n49	4 32	23 5	1 45	15 21	1 41	23 5	0 5	12 23	1 9	21 21	1 34	10 34	0 33	T 17
F 18	20 37	10 2	5 0	22 51	1 49	14 56	1 41	23 9	0 6	12 24	1 9	21 21	1 35	10 34	0 33	F 18
S 19	20 25	14 49	5 15	22 37	1 52	14 31	1 40	23 12	0 7	12 26	1 9	21 21	1 35	10 34	0 33	S 19
S 20	20 13	19 0	5 16	22 20	1 55	14 6	1 40	23 15	0 7	12 27	1 8	21 22	1 35	10 34	0 33	S 20
M21	20 0	22 26	5 3	22 3	1 58	13 40	1 40	23 18	0 8	12 29	1 8	21 22	1 35	10 35	0 33	M21
T 22	19 47	24 55	4 38	21 44	2 0	13 13	1 39	23 21	0 9	12 31	1 8	21 23	1 35	10 35	0 33	T 22
W23	19 33	26 19	4 0	21 23	2 2	12 46	1 39	23 24	0 9	12 33	1 7	21 23	1 35	10 35	0 33	W23
T 24	19 19	26 28	3 10	21 1	2 4	12 19	1 38	23 26	0 10	12 34	1 7	21 24	1 35	10 36	0 33	T 24
F 25	19 5	25 17	2 11	20 38	2 5	11 52	1 37	23 28	0 11	12 36	1 7	21 24	1 35	10 36	0 33	F 25
S 26	18 50	22 46	1 4	20 13	2 6	11 24	1 37	23 30	0 12	12 38	1 7	21 24	1 35	10 36	0 33	S 26
S 27	18 35	19 2	0s 8	19 47	2 6	10 56	1 36	23 32	0 12	12 40	1 6	21 25	1 35	10 37	0 33	S 27
M28	18 20	14 16	1 21	19 19	2 6	10 28	1 35	23 34	0 13	12 42	1 6	21 25	1 35	10 37	0 33	M28
T 29	18 4	8 44	2 31	18 50	2 6	10 0	1 34	23 35	0 14	12 44	1 6	21 25	1 35	10 37	0 33	T 29

# ASTRODIENST EPHEMERIS for the year 2605

FEBRUARY 2605

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8 44 4	11 <sup>35</sup> 56	12 <sup>50</sup>	18 <sup>15</sup>	11 <sup>42</sup>	0 <sup>35</sup>	7 <sup>13</sup>	20 <sup>29</sup>	29 <sup>13</sup>	17 <sup>16</sup>	17 <sup>47</sup>	2 <sup>34</sup>	2 <sup>13</sup>	13 <sup>29</sup>	1 <sup>26</sup>	F 1
S 2	8 48 1	12 <sup>36</sup> 56	27° 0	19°59	12°56	1°18	7°19	20°34	29°14	17 <sup>16</sup>	17 <sup>47</sup>	2 <sup>33</sup>	2° 9	13°36	1°28	S 2
S 3	8 51 58	13°37'56	11 <sup>11</sup>	21°42	14°10	2° 0	7°26	20°40	29°15	17°15	17°47	2°D33	2° 6	13°42	1°31	S 3
M 4	8 55 54	14°38'56	25°22	23°26	15°24	2°42	7°32	20°45	29°17	17°15	17°47	2°33	2° 3	13°49	1°34	M 4
T 5	8 59 51	15°39'56	9 <sup>21</sup>	25°10	16°38	3°24	7°39	20°50	29°18	17°14	17°47	2°34	2° 0	13°56	1°37	T 5
W 6	9 3 47	16°40'55	23°35	26°54	17°52	4° 7	7°46	20°55	29°20	17°14	17°47	2°35	1°57	14° 2	1°39	W 6
T 7	9 7 44	17°41'53	7 <sup>32</sup>	28°38	19° 6	4°49	7°53	21° 0	29°21	17°13	17°47	2°36	1°54	14° 9	1°42	T 7
F 8	9 11 40	18°42'51	21°20	0 <sup>42</sup>	20°20	5°32	8° 1	21° 5	29°23	17°12	17°47	2°37	1°50	14°16	1°45	F 8
S 9	9 15 37	19°43'48	4 <sup>58</sup>	2° 5	21°33	6°14	8° 8	21°10	29°24	17°12	17°48	2°R37	1°47	14°23	1°48	S 9
S 10	9 19 34	20°44'44	18°22	3°48	22°47	6°56	8°16	21°14	29°26	17°11	17°48	2°37	1°44	14°29	1°51	S 10
M11	9 23 30	21°45'39	1 <sup>31</sup>	5°29	24° 1	7°39	8°24	21°19	29°28	17°10	17°48	2°35	1°41	14°36	1°54	M11
T 12	9 27 27	22°46'33	14°25	7°10	25°14	8°21	8°32	21°24	29°30	17° 9	17°48	2°32	1°38	14°43	1°57	T 12
W13	9 31 23	23°47'26	27° 2	8°48	26°28	9° 4	8°40	21°28	29°31	17° 9	17°49	2°29	1°34	14°49	2° 0	W13
T 14	9 35 20	24°48'18	9 <sup>12</sup>	10°25	27°41	9°46	8°48	21°33	29°33	17° 8	17°49	2°25	1°31	14°56	2° 3	T 14
F 15	9 39 16	25°49'08	21°34	12° 0	28°55	10°29	8°56	21°37	29°35	17° 7	17°49	2°22	1°28	15° 3	2° 6	F 15
S 16	9 43 13	26°49'57	3 <sup>34</sup>	13°31	0 <sup>17</sup>	11°12	9° 5	21°41	29°37	17° 6	17°49	2°19	1°25	15°10	2° 9	S 16
S 17	9 47 9	27°50'45	15°28	14°59	1°21	11°54	9°14	21°45	29°39	17° 5	17°50	2°17	1°22	15°16	2°12	S 17
M18	9 51 6	28°51'31	27°19	16°23	2°35	12°37	9°22	21°50	29°41	17° 4	17°50	2°D16	1°19	15°23	2°16	M18
T 19	9 55 2	29°52'16	9 <sup>11</sup>	17°42	3°48	13°20	9°31	21°54	29°43	17° 3	17°51	2°16	1°15	15°30	2°19	T 19
W20	9 58 59	0 <sup>52</sup> 59	21°17	18°55	5° 1	14° 2	9°40	21°58	29°45	17° 2	17°51	2°18	1°12	15°36	2°22	W20
T 21	10 2 56	1°53'41	3 <sup>33</sup>	20° 2	6°14	14°45	9°50	22° 1	29°47	17° 1	17°51	2°20	1° 9	15°43	2°25	T 21
F 22	10 6 52	2°54'22	16° 6	21° 2	7°27	15°28	9°59	22° 5	29°49	17° 0	17°52	2°21	1° 6	15°50	2°29	F 22
S 23	10 10 49	3°55'00	28°59	21°54	8°40	16°11	10° 9	22° 9	29°52	16°59	17°52	2°R22	1° 3	15°57	2°32	S 23
S 24	10 14 45	4°55'37	12 <sup>11</sup>	22°38	9°53	16°54	10°18	22°13	29°54	16°58	17°53	2°22	1° 0	16° 3	2°35	S 24
M25	10 18 42	5°56'13	25°53	23°13	11° 6	17°36	10°28	22°16	29°56	16°57	17°53	2°20	0°56	16°10	2°39	M25
T 26	10 22 38	6°56'47	9 <sup>12</sup>	23°38	12°18	18°19	10°38	22°20	29°59	16°56	17°54	2°16	0°53	16°17	2°42	T 26
W27	10 26 35	7°57'20	24° 9	23°53	13°31	19° 2	10°48	22°23	0 <sup>8</sup>	16°54	17°54	2°11	0°50	16°24	2°45	W27
T 28	10 30 31	8 <sup>57</sup> 51	8 <sup>43</sup>	23°R58	14 <sup>14</sup>	19 <sup>34</sup>	10 <sup>58</sup>	22 <sup>26</sup>	0 <sup>8</sup>	16 <sup>53</sup>	17 <sup>55</sup>	2 <sup>11</sup>	0 <sup>47</sup>	16 <sup>23</sup>	2 <sup>49</sup>	T 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
F 1	17s15	9s38	4s58	17s15	2s 2	8s33	1s30	23s38	0s16	12n51	1s 5	21s26	1n35	10n39	0s33	F 1
S 2	16 58	15 16	5 15	16 40	2 0	8 3	1 29	23 38	0 17	12 53	1 5	21 27	1 35	10 39	0 33	S 2
S 3	16 41	20 5	5 13	16 5	1 57	7 33	1 28	23 38	0 17	12 56	1 4	21 27	1 35	10 40	0 33	S 3
M 4	16 23	23 46	4 52	15 27	1 54	7 4	1 26	23 38	0 18	12 58	1 4	21 27	1 35	10 40	0 33	M 4
T 5	16 5	25 59	4 13	14 49	1 50	6 33	1 25	23 38	0 19	13 1	1 4	21 27	1 36	10 41	0 33	T 5
W 6	15 47	26 32	3 19	14 9	1 45	6 3	1 23	23 38	0 20	13 3	1 4	21 28	1 36	10 41	0 33	W 6
T 7	15 29	25 23	2 14	13 29	1 40	5 33	1 21	23 37	0 20	13 6	1 3	21 28	1 36	10 42	0 33	T 7
F 8	15 10	22 42	1 2	12 47	1 34	5 2	1 19	23 36	0 21	13 8	1 3	21 28	1 36	10 43	0 33	F 8
S 9	14 51	18 45	0n13	12 4	1 28	4 32	1 18	23 35	0 22	13 11	1 3	21 29	1 36	10 43	0 33	S 9
S 10	14 32	13 55	1 26	11 20	1 21	4 1	1 16	23 34	0 23	13 14	1 3	21 29	1 36	10 44	0 33	S 10
M11	14 12	8 31	2 33	10 36	1 13	3 30	1 14	23 32	0 23	13 16	1 2	21 29	1 36	10 44	0 33	M11
T 12	13 53	2 53	3 30	9 51	1 4	2 59	1 12	23 30	0 24	13 19	1 2	21 29	1 36	10 45	0 32	T 12
W13	13 33	2n45	4 16	9 5	0 55	2 28	1 9	23 28	0 25	13 22	1 2	21 29	1 36	10 46	0 32	W13
T 14	13 13	8 9	4 49	8 19	0 44	1 57	1 7	23 26	0 26	13 25	1 2	21 30	1 36	10 46	0 32	T 14
F 15	12 52	13 9	5 8	7 33	0 34	1 25	1 5	23 23	0 27	13 28	1 1	21 30	1 36	10 47	0 32	F 15
S 16	12 32	17 35	5 14	6 48	0 22	0 54	1 3	23 21	0 27	13 31	1 1	21 30	1 36	10 48	0 32	S 16
S 17	12 11	21 17	5 6	6 3	0 9	0 23	1 0	23 18	0 28	13 34	1 1	21 30	1 36	10 48	0 32	S 17
M18	11 50	24 7	4 45	5 18	0n 4	0n 8	0 58	23 15	0 29	13 37	1 1	21 30	1 37	10 49	0 32	M18
T 19	11 29	25 54	4 11	4 35	0 17	0 40	0 55	23 11	0 30	13 40	1 0	21 30	1 37	10 50	0 32	T 19
W20	11 8	26 30	3 26	3 53	0 32	1 11	0 52	23 8	0 31	13 43	1 0	21 31	1 37	10 51	0 32	W20
T 21	10 46	25 50	2 31	3 13	0 47	1 42	0 50	23 4	0 31	13 46	1 0	21 31	1 37	10 52	0 32	T 21
F 22	10 24	23 51	1 28	2 36	1 2	2 14	0 47	23 0	0 32	13 49	1 0	21 31	1 37	10 52	0 32	F 22
S 23	10 2	20 36	0 19	2 1	1 18	2 45	0 44	22 56	0 33	13 52	0 59	21 31	1 37	10 53	0 32	S 23
S 24	9 40	16 13	0s54	1 29	1 33	3 16	0 41	22 51	0 34	13 55	0 59	21 31	1 37	10 54	0 32	S 24
M25	9 18	10 53	2 5	1 1	1 49	3 47	0 39	22 47	0 35	13 59	0 59	21 31	1 37	10 55	0 32	M25
T 26	8 56	4 54	3 10	0 37	2 5	4 18	0 36	22 42	0 35	14 2	0 59	21 31	1 37	10 56	0 32	T 26
W27	8 34	1s26	4 5	0 17	2 20	4 49	0 33	22 37	0 36	14 5	0 59	21 31	1 37	10 56	0 32	W27
T 28	8s11	7s46	4s45	0s 1	2n34	5n20	0s29	22s31	0s37	14n 9	0s58	21s31	1n37	10n57	0s32	T 28

Julian Day Number = 2672547.5, Delta T = 20m32s  
 Ecliptic obliquity = 23°21'43, Nutation = 0°00'16  
 Ayanamsha: Fagan/Bradley = 33°12'13, Lahiri = 32°19'13

## ASTRODIENST EPHEMERIS for the year 2605

MARCH 2605

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	10 34 28	9°58'21"	23°10'10"	23°R53	15°Y56	20°Z28	11°B 8	22°A29	0°B 6	16°R52	17°B56	1°R59	0°A44	16°B37	2°Y52	F 1
S 2	10 38 25	10°58'50"	7°M42	23°K37	17° 8	21°11	11°18	22°32	0° 8	16°A51	17°56	1°A54	0°40	16°44	2°56	S 2
S 3	10 42 21	11°59'18"	22° 7	23°12	18°21	21°54	11°29	22°36	0°11	16°49	17°57	1°51	0°37	16°50	2°59	S 3
M 4	10 46 18	12°59'44"	6°A22	22°37	19°33	22°37	11°39	22°38	0°13	16°48	17°58	1°49	0°34	16°57	3° 3	M 4
T 5	10 50 14	14° 0'09"	20°24	21°54	20°45	23°20	11°50	22°41	0°16	16°47	17°58	1°D49	0°31	17° 4	3° 6	T 5
W 6	10 54 11	15° 0'33"	4°B13	21° 4	21°57	24° 3	12° 1	22°44	0°19	16°46	17°59	1°50	0°28	17°11	3°10	W 6
T 7	10 58 7	16° 0'56"	17°49	20° 9	23° 9	24°47	12°11	22°47	0°21	16°44	18° 0	1°52	0°25	17°17	3°13	T 7
F 8	11 2 4	17° 1'17"	1A12	19° 8	24°21	25°30	12°22	22°49	0°24	16°43	18° 0	1°R52	0°21	17°24	3°17	F 8
S 9	11 6 0	18° 1'36"	14°24	18° 5	25°33	26°13	12°33	22°52	0°27	16°41	18° 1	1°52	0°18	17°31	3°20	S 9
S 10	11 9 57	19° 1'54"	27°24	17° 1	26°45	26°56	12°45	22°54	0°29	16°40	18° 2	1°49	0°15	17°37	3°24	S 10
M11	11 13 54	20° 2'11"	10°K12	15°58	27°56	27°40	12°56	22°56	0°32	16°39	18° 3	1°43	0°12	17°44	3°27	M11
T 12	11 17 50	21° 2'25"	22°50	14°56	29° 8	28°23	13° 7	22°58	0°35	16°37	18° 3	1°36	0° 9	17°51	3°31	T 12
W13	11 21 47	22° 2'38"	5°Y16	13°57	0°B19	29° 6	13°19	23° 0	0°38	16°36	18° 4	1°27	0° 5	17°58	3°35	W13
T 14	11 25 43	23° 2'50"	17°31	13° 2	1°31	29°49	13°30	23° 2	0°41	16°34	18° 5	1°16	0° 2	18° 4	3°38	T 14
F 15	11 29 40	24° 2'59"	29°37	12°13	2°42	0°A33	13°42	23° 4	0°43	16°33	18° 6	1° 6	29°B59	18°11	3°42	F 15
S 16	11 33 36	25° 3'06"	11°B35	11°29	3°53	1°16	13°54	23° 6	0°46	16°31	18° 7	0°57	29°56	18°18	3°45	S 16
S 17	11 37 33	26° 3'12"	23°27	10°52	5° 4	2° 0	14° 5	23° 8	0°49	16°30	18° 8	0°50	29°53	18°24	3°49	S 17
M18	11 41 29	27° 3'15"	5°H17	10°21	6°15	2°43	14°17	23° 9	0°52	16°28	18° 9	0°45	29°50	18°31	3°53	M18
T 19	11 45 26	28° 3'16"	17°10	9°57	7°26	3°26	14°29	23°11	0°55	16°27	18°10	0°42	29°46	18°38	3°56	T 19
W20	11 49 23	29° 3'16"	29°10	9°40	8°37	4°10	14°41	23°12	0°58	16°25	18°10	0°D42	29°43	18°45	4° 0	W20
T 21	11 53 19	0°Y 3'13"	11°B22	9°29	9°47	4°53	14°54	23°13	1° 1	16°23	18°11	0°42	29°40	18°51	4° 4	T 21
F 22	11 57 16	1° 3'08"	23°52	9°D25	10°58	5°37	15° 6	23°15	1° 4	16°22	18°12	0°43	29°37	18°58	4° 7	F 22
S 23	12 1 12	2° 3'00"	6°B45	9°27	12° 8	6°20	15°18	23°16	1° 8	16°20	18°13	0°R43	29°34	19° 5	4°11	S 23
S 24	12 5 9	3° 2'51"	20° 3	9°35	13°18	7° 4	15°30	23°17	1°11	16°19	18°14	0°41	29°31	19°11	4°15	S 24
M25	12 9 5	4° 2'39"	3°H49	9°48	14°28	7°47	15°43	23°17	1°14	16°17	18°15	0°37	29°27	19°18	4°18	M25
T 26	12 13 2	5° 2'26"	18° 2	10° 7	15°38	8°31	15°55	23°18	1°17	16°16	18°16	0°30	29°24	19°25	4°22	T 26
W27	12 16 58	6° 2'10"	2°A39	10°31	16°48	9°15	16° 8	23°19	1°20	16°14	18°17	0°22	29°21	19°32	4°26	W27
T 28	12 20 55	7° 1'52"	17°32	11° 0	17°58	9°58	16°21	23°19	1°23	16°12	18°19	0°11	29°18	19°38	4°29	T 28
F 29	12 24 52	8° 1'33"	2°M32	11°34	19° 7	10°42	16°33	23°20	1°26	16°11	18°20	0° 1	29°15	19°45	4°33	F 29
S 30	12 28 48	9° 1'11"	17°30	12°11	20°17	11°26	16°46	23°20	1°30	16° 9	18°21	29°B52	29°11	19°52	4°37	S 30
S 31	12 32 45	10°Y 0'48"	2°A18	12°K53	21°B26	12°A 9	16°B59	23°A21	1°B33	16°A 7	18°B22	29°B45	29°B 8	19°B58	4°Y40	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	7s48	13s43	5s 6	0n 9	2n48	5n51	0s26	22s26	0s38	14n12	0s58	21s32	1n38	10n58	0s32	F 1
S 2	7 26	18 53	5 8	0 14	3 1	6 21	0 23	22 20	0 39	14 15	0 58	21 32	1 38	10 59	0 32	S 2
S 3	7 3	22 55	4 51	0 15	3 12	6 52	0 20	22 14	0 40	14 19	0 58	21 32	1 38	11 0	0 32	S 3
M 4	6 40	25 30	4 16	0 10	3 22	7 22	0 17	22 8	0 40	14 22	0 57	21 32	1 38	11 1	0 32	M 4
T 5	6 16	26 26	3 26	0 1	3 29	7 52	0 13	22 2	0 41	14 26	0 57	21 32	1 38	11 2	0 32	T 5
W 6	5 53	25 42	2 24	0s14	3 35	8 22	0 10	21 55	0 42	14 29	0 57	21 32	1 38	11 3	0 32	W 6
T 7	5 30	23 26	1 15	0 32	3 39	8 52	0 6	21 48	0 43	14 33	0 57	21 32	1 38	11 4	0 32	T 7
F 8	5 7	19 53	0 4	0 54	3 41	9 22	0 3	21 41	0 44	14 36	0 57	21 32	1 38	11 5	0 32	F 8
S 9	4 43	15 23	1n 7	1 19	3 40	9 51	0n 0	21 34	0 45	14 40	0 56	21 32	1 38	11 6	0 32	S 9
S 10	4 20	10 15	2 13	1 46	3 37	10 20	0 4	21 27	0 45	14 43	0 56	21 32	1 39	11 7	0 32	S 10
M11	3 56	4 46	3 11	2 16	3 32	10 49	0 8	21 19	0 46	14 47	0 56	21 32	1 39	11 8	0 32	M11
T 12	3 32	0n50	3 59	2 46	3 25	11 18	0 11	21 11	0 47	14 50	0 56	21 32	1 39	11 9	0 32	T 12
W13	3 9	6 17	4 35	3 16	3 16	11 47	0 15	21 3	0 48	14 54	0 56	21 32	1 39	11 10	0 32	W13
T 14	2 45	11 26	4 57	3 46	3 6	12 15	0 18	20 55	0 49	14 58	0 55	21 32	1 39	11 11	0 32	T 14
F 15	2 21	16 4	5 5	4 16	2 55	12 43	0 22	20 47	0 50	15 1	0 55	21 32	1 39	11 12	0 32	F 15
S 16	1 58	20 1	5 0	4 44	2 42	13 11	0 26	20 38	0 51	15 5	0 55	21 32	1 39	11 13	0 32	S 16
S 17	1 34	23 8	4 42	5 10	2 29	13 38	0 30	20 29	0 51	15 9	0 55	21 32	1 39	11 14	0 32	S 17
M18	1 10	25 15	4 12	5 34	2 15	14 5	0 33	20 20	0 52	15 12	0 55	21 32	1 39	11 15	0 32	M18
T 19	0 46	26 15	3 31	5 57	2 1	14 32	0 37	20 11	0 53	15 16	0 55	21 32	1 39	11 16	0 32	T 19
W20	0 22	26 2	2 40	6 17	1 46	14 58	0 41	20 2	0 54	15 20	0 54	21 32	1 40	11 17	0 32	W20
T 21	0n 1	24 34	1 42	6 34	1 32	15 24	0 45	19 52	0 55	15 23	0 54	21 32	1 40	11 18	0 32	T 21
F 22	0 25	21 52	0 37	6 49	1 17	15 50	0 48	19 42	0 56	15 27	0 54	21 32	1 40	11 19	0 31	F 22
S 23	0 49	18 0	0s32	7 2	1 3	16 15	0 52	19 33	0 57	15 31	0 54	21 32	1 40	11 20	0 31	S 23
S 24	1 12	13 9	1 41	7 12	0 48	16 40	0 56	19 22	0 58	15 34	0 54	21 32	1 40	11 21	0 31	S 24
M25	1 36	7 29	2 47	7 20	0 35	17 5	1 0	19 12	0 58	15 38	0 54	21 32	1 40	11 22	0 31	M25
T 26	2 0	1 17	3 44	7 25	0 21	17 29	1 4	19 2	0 59	15 42	0 53	21 31	1 40	11 23	0 31	T 26
W27	2 23	5s 9	4 28	7 28	0 8	17 53	1 8	18 51	1 0	15 46	0 53	21 31	1 40	11 25	0 31	W27
T 28	2 47	11 24	4 55	7 29	0s 5	18 16	1 11	18 40	1 1	15 49	0 53	21 31	1 40	11 26	0 31	T 28
F 29	3 10	17 2	5 2	7 28	0 17	18 39	1 15	18 29	1 2	15 53	0 53	21 31	1 41	11 27	0 31	F 29
S 30	3 34	21 36	4 48	7 24	0 29	19 2	1 19	18 18	1 3	15 57	0 53	21 31	1 41	11 28	0 31	S 30
S 31	3n57	24s43	4s15	7s19	0s40	19n24	1n23	18s 7	1s 4	16n 1	0s53	21s31	1n41	11n29	0s31	S 31

Julian Day Number = 2672575.5, Delta T = 20m32s

Ecliptic obliquity = 23°21'44", Nutation = 0°00'15"

Ayanamsha: Fagan/Bradley = 33°12'17", Lahiri = 32°19'17"

# ASTRODIENST EPHEMERIS for the year 2605

APRIL 2605

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	12 36 41	11°02'44"	16°48'48"	13°38'38"	22°35'35"	12°53'53"	17°12'12"	23°21'21"	18°36'36"	16°R 6	18°R23	29°R40	29°R 5	20°R 5	4°Y44	M 1
T 2	12 40 38	11°59'57"	0°38'58"	14°26'26"	23°44'44"	13°37'37"	17°25'25"	23°R21	1°39'39"	16°R 4	18°R24	29°R38	29°R 2	20°R12	4°48	T 2
W 3	12 44 34	12°59'29"	14°46'46"	15°18'18"	24°53'53"	14°20'20"	17°38'38"	23°21'21"	1°43'43"	16°R 2	18°R25	29°R38	28°59'59"	20°R19	4°51	W 3
T 4	12 48 31	13°58'59"	28°14'14"	16°14'14"	26°1'1'	15°4'4'	17°51'51"	23°21'21"	1°46'46"	16°R 1	18°R26	29°R38	28°56'56"	20°R25	4°55	T 4
F 5	12 52 27	14°58'28"	11°23'23"	17°12'12"	27°10'10"	15°48'48"	18°4'4'	23°20'20"	1°49'49"	15°59'59"	18°R27	29°R38	28°52'52"	20°R32	4°59	F 5
S 6	12 56 24	15°57'55"	24°17'17"	18°12'12"	28°18'18"	16°32'32"	18°17'17"	23°20'20"	1°53'53"	15°57'57"	18°R29	29°R35	28°49'49"	20°R39	5°2	S 6
S 7	13 0 21	16°57'19"	6°59'59"	19°16'16"	29°26'26"	17°16'16"	18°31'31"	23°20'20"	1°56'56"	15°56'56"	18°R30	29°R30	28°46'46"	20°R45	5°6	S 7
M 8	13 4 17	17°56'42"	19°29'29"	20°22'22"	0°34'34"	17°59'59"	18°44'44"	23°19'19"	1°59'59"	15°54'54"	18°R31	29°R23	28°43'43"	20°R52	5°9	M 8
T 9	13 8 14	18°56'03"	1°Y50	21°30'30"	1°42'42"	18°43'43"	18°57'57"	23°18'18"	2°3'3'	15°52'52"	18°R32	29°R12	28°40'40"	20°R59	5°13	T 9
W10	13 12 10	19°55'23"	14°3'3'	22°40'40"	2°50'50"	19°27'27"	19°11'11"	23°18'18"	2°6'6"	15°51'51"	18°R33	28°59'59"	28°37'37"	21°6'6"	5°17	W10
T 11	13 16 7	20°54'40"	26°8'8"	23°53'53"	3°57'57"	20°11'11"	19°24'24"	23°17'17"	2°9'9"	15°49'49"	18°R35	28°45'45"	28°33'33"	21°12'12"	5°20	T 11
F 12	13 20 3	21°53'55"	8°8'8"	25°8'8"	5°5'5'	20°55'55"	19°38'38"	23°16'16"	2°13'13"	15°48'48"	18°R36	28°30'30"	28°30'30"	21°19'19"	5°24	F 12
S 13	13 24 0	22°53'08"	20°2'2'	26°24'24"	6°12'12"	21°39'39"	19°51'51"	23°15'15"	2°16'16"	15°46'46"	18°R37	28°17'17"	28°27'27"	21°26'26"	5°27	S 13
S 14	13 27 56	23°52'19"	1°II52	27°43'43"	7°19'19"	22°23'23"	20°5'5'	23°14'14"	2°20'20"	15°44'44"	18°R38	28°6'6"	28°24'24"	21°32'32"	5°31	S 14
M15	13 31 53	24°51'28"	13°42'42"	29°3'3'	8°25'25"	23°7'7'	20°19'19"	23°13'13"	2°23'23"	15°43'43"	18°R40	27°58'58"	28°21'21"	21°39'39"	5°34	M15
T 16	13 35 49	25°50'35"	25°34'34"	0°Y26	9°32'32"	23°51'51"	20°32'32"	23°11'11"	2°26'26"	15°41'41"	18°R41	27°53'53"	28°17'17"	21°46'46"	5°38	T 16
W17	13 39 46	26°49'40"	7°32'32"	1°50'50"	10°38'38"	24°35'35"	20°46'46"	23°10'10"	2°30'30"	15°39'39"	18°R42	27°50'50"	28°14'14"	21°53'53"	5°41	W17
T 18	13 43 43	27°48'42"	19°42'42"	3°15'15"	11°44'44"	25°18'18"	21°0'0'	23°8'8"	2°33'33"	15°38'38"	18°R43	27°49'49"	28°11'11"	21°59'59"	5°45	T 18
F 19	13 47 39	28°47'42"	2°R 8	4°43'43"	12°50'50"	26°2'2'	21°13'13"	23°7'7'	2°37'37"	15°36'36"	18°R45	27°49'49"	28°8'8"	22°6'6"	5°48	F 19
S 20	13 51 36	29°46'40"	14°56'56"	6°12'12"	13°56'56"	26°46'46"	21°27'27"	23°5'5'	2°40'40"	15°35'35"	18°R46	27°49'49"	28°5'5'	22°13'13"	5°52	S 20
S 21	13 55 32	0°B45'35"	28°9'9"	7°43'43"	15°1'1'	27°30'30"	21°41'41"	23°3'3'	2°44'44"	15°33'33"	18°R47	27°47'47"	28°2'2'	22°19'19"	5°55	S 21
M22	13 59 29	1°44'28"	11°R52	9°15'15"	16°6'6"	28°14'14"	21°55'55"	23°1'1'	2°47'47"	15°31'31"	18°R49	27°42'42"	27°58'58"	22°26'26"	5°58	M22
T 23	14 3 25	2°43'19"	26°5'5'	10°49'49"	17°11'11"	28°58'58"	22°9'9'	22°59'59"	2°50'50"	15°30'30"	18°R50	27°35'35"	27°55'55"	22°33'33"	6°2	T 23
W24	14 7 22	3°42'08"	10°A46	12°25'25"	18°16'16"	29°42'42"	22°23'23"	22°57'57"	2°54'54"	15°28'28"	18°R51	27°26'26"	27°52'52"	22°39'39"	6°5	W24
T 25	14 11 18	4°40'54"	25°49'49"	14°2'2'	19°20'20"	0°K26	22°37'37"	22°55'55"	2°57'57"	15°27'27"	18°R53	27°15'15"	27°49'49"	22°46'46"	6°8	T 25
F 26	14 15 15	5°39'39"	11°R 4	15°41'41"	20°24'24"	1°10'10"	22°51'51"	22°53'53"	3°1'1'	15°25'25"	18°R54	27°4'4'	27°46'46"	22°53'53"	6°12	F 26
S 27	14 19 12	6°38'22"	26°20'20"	17°21'21"	21°28'28"	1°54'54"	23°5'5'	22°51'51"	3°4'4'	15°24'24"	18°R55	26°54'54"	27°42'42"	23°0'0'	6°15	S 27
S 28	14 23 8	7°37'03"	11°R27	19°4'4'	22°32'32"	2°38'38"	23°19'19"	22°48'48"	3°8'8"	15°22'22"	18°R57	26°46'46"	27°39'39"	23°6'6"	6°18	S 28
M29	14 27 5	8°35'42"	26°15'15"	20°47'47"	23°35'35"	3°22'22"	23°33'33"	22°46'46"	3°11'11"	15°21'21"	18°R58	26°41'41"	27°36'36"	23°13'13"	6°21	M29
T 30	14 31 1	9°B34'20"	10°R39	22°Y33	24°II38	4°K 6	23°B47	22°R43	3°R14	15°R19	18°R59	26°R38	27°R33	23°R20	6°Y25	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	4n21	26s 8	3s26	7s12	0s50	19n45	1n27	17s56	1s 5	16n 5	0s52	21s31	1n41	11n30	0s31	4s56
T 2	4 44	25 47	2 26	7 2	1 1	20 6	1 31	17 44	1 6	16 8	0 52	21 31	1 41	11 31	0 31	4 55
W 3	5 7	23 50	1 18	6 51	1 10	20 27	1 34	17 32	1 6	16 12	0 52	21 31	1 41	11 32	0 31	4 55
T 4	5 30	20 34	0 7	6 38	1 19	20 47	1 38	17 20	1 7	16 16	0 52	21 31	1 41	11 34	0 31	4 54
F 5	5 53	16 19	1n 2	6 24	1 28	21 7	1 42	17 8	1 8	16 20	0 52	21 31	1 41	11 35	0 31	4 53
S 6	6 16	11 23	2 7	6 7	1 36	21 26	1 46	16 56	1 9	16 23	0 52	21 30	1 41	11 36	0 31	4 53
S 7	6 38	6 5	3 4	5 49	1 43	21 45	1 49	16 43	1 10	16 27	0 52	21 30	1 42	11 37	0 31	4 52
M 8	7 1	0 36	3 51	5 30	1 50	22 3	1 53	16 31	1 11	16 31	0 51	21 30	1 42	11 38	0 31	4 51
T 9	7 24	4n48	4 27	5 9	1 57	22 20	1 57	16 18	1 12	16 35	0 51	21 30	1 42	11 39	0 31	4 51
W10	7 46	9 58	4 50	4 47	2 3	22 37	2 0	16 5	1 13	16 38	0 51	21 30	1 42	11 41	0 31	4 50
T 11	8 8	14 42	4 59	4 23	2 8	22 54	2 4	15 52	1 14	16 42	0 51	21 30	1 42	11 42	0 31	4 50
F 12	8 30	18 50	4 55	3 58	2 13	23 10	2 7	15 39	1 15	16 46	0 51	21 30	1 42	11 43	0 31	4 49
S 13	8 52	22 10	4 39	3 32	2 18	23 25	2 11	15 26	1 15	16 50	0 51	21 29	1 42	11 44	0 31	4 48
S 14	9 14	24 33	4 10	3 4	2 22	23 40	2 14	15 13	1 16	16 54	0 51	21 29	1 42	11 45	0 31	4 48
M15	9 36	25 51	3 30	2 36	2 25	23 54	2 17	14 59	1 17	16 57	0 51	21 29	1 42	11 46	0 31	4 47
T 16	9 57	25 59	2 42	2 6	2 28	24 8	2 21	14 46	1 18	17 1	0 50	21 29	1 42	11 48	0 31	4 46
W17	10 19	24 54	1 45	1 35	2 30	24 21	2 24	14 32	1 19	17 5	0 50	21 29	1 42	11 49	0 31	4 46
T 18	10 40	22 38	0 43	1 2	2 32	24 33	2 27	14 18	1 20	17 8	0 50	21 29	1 43	11 50	0 31	4 45
F 19	11 1	19 15	0s23	0 29	2 34	24 45	2 30	14 4	1 21	17 12	0 50	21 28	1 43	11 51	0 31	4 45
S 20	11 21	14 53	1 29	0n 5	2 35	24 56	2 33	13 50	1 22	17 16	0 50	21 28	1 43	11 52	0 31	4 44
S 21	11 42	9 41	2 33	0 41	2 35	25 7	2 36	13 36	1 23	17 20	0 50	21 28	1 43	11 54	0 31	4 43
M22	12 2	3 51	3 30	1 17	2 35	25 17	2 39	13 21	1 23	17 23	0 50	21 28	1 43	11 55	0 31	4 43
T 23	12 23	2s23	4 17	1 54	2 34	25 26	2 42	13 7	1 24	17 27	0 50	21 28	1 43	11 56	0 31	4 42
W24	12 43	8 40	4 48	2 32	2 33	25 35	2 45	12 52	1 25	17 31	0 49	21 28	1 43	11 57	0 31	4 42
T 25	13 2	14 36	5 0	3 12	2 31	25 43	2 48	12 38	1 26	17 34	0 49	21 27	1 43	11 58	0 31	4 41
F 26	13 22	19 43	4 52	3 52	2 29	25 51	2 50	12 23	1 27	17 38	0 49	21 27	1 43	11 59	0 31	4 40
S 27	13 41	23 31	4 22	4 32	2 26	25 58	2 53	12 8	1 28	17 41	0 49	21 27	1 43	12 1	0 31	4 40
S 28	14 0	25 37	3 35	5 14	2 23	26 4	2 55	11 53	1 29	17 45	0 49	21 27	1 43	12 2	0 31	4 39
M29	14 19	25 52	2 33	5 56	2 19	26 10	2 58	11 38	1 30	17 49	0 49	21 27	1 43	12 3	0 31	4 39
T 30	14n38	24s19	1s24	6n39	2s15	26n15	3n 0	11s23	1s31	17n52	0s49	21s26	1n44	12n 4	0s31	4s38

Julian Day Number = 2672606.5, Delta T = 20m33s  
 Ecliptic obliquity = 23°21'43", Nutation = 0°00'15"  
 Ayanamsha: Fagan/Bradley = 33°12'21", Lahiri = 32°19'21"



## ASTRODIENST EPHEMERIS for the year 2605

JUNE 2605

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 37 11	10♐35'26	13♋20	27♐22	24♌24	27♋30	1♐23	20°R47	4♌58	14°R42	19♌42	24°R21	25♌51	26♌54	7♐50	S 1
S 2	16 41 8	11°33'10	25°51	29° 9	25° 9	28°14	1°37	20♌42	5° 1	14♌41	19°44	24♌20	25°48	27° 1	7°52	S 2
M 3	16 45 4	12°30'54	8♐7	0♌53	25°54	28°57	1°52	20°38	5° 4	14°41	19°45	24°17	25°45	27° 8	7°54	M 3
T 4	16 49 1	13°28'36	20°12	2°35	26°37	29°41	2° 6	20°33	5° 7	14°40	19°46	24°13	25°42	27°14	7°56	T 4
W 5	16 52 57	14°26'17	2♌9	4°13	27°20	0♐24	2°20	20°29	5° 9	14°39	19°47	24° 6	25°39	27°21	7°58	W 5
T 6	16 56 54	15°23'57	14° 1	5°49	28° 1	1° 8	2°34	20°25	5°12	14°39	19°49	23°59	25°35	27°28	8° 0	T 6
F 7	17 0 50	16°21'36	25°52	7°21	28°42	1°51	2°48	20°20	5°15	14°38	19°50	23°52	25°32	27°35	8° 2	F 7
S 8	17 4 47	17°19'14	7♐42	8°50	29°21	2°34	3° 2	20°16	5°18	14°37	19°51	23°46	25°29	27°41	8° 3	S 8
S 9	17 8 44	18°16'51	19°35	10°16	29°59	3°17	3°16	20°11	5°20	14°37	19°52	23°41	25°26	27°48	8° 5	S 9
M10	17 12 40	19°14'27	1♌32	11°39	0♌36	4° 1	3°30	20° 7	5°23	14°36	19°54	23°37	25°23	27°55	8° 7	M10
T 11	17 16 37	20°12'02	13°35	12°58	1°12	4°44	3°44	20° 2	5°26	14°36	19°55	23°35	25°20	28° 1	8° 8	T 11
W12	17 20 33	21° 9'35	25°46	14°14	1°47	5°27	3°58	19°58	5°29	14°36	19°56	23°D34	25°16	28° 8	8°10	W12
T 13	17 24 30	22° 7'07	8♌7	15°27	2°20	6°10	4°12	19°53	5°31	14°35	19°57	23°35	25°13	28°15	8°11	T 13
F 14	17 28 26	23° 4'38	20°41	16°37	2°52	6°53	4°26	19°49	5°34	14°35	19°58	23°37	25°10	28°21	8°13	F 14
S 15	17 32 23	24° 2'08	3♐32	17°43	3°22	7°36	4°40	19°44	5°36	14°34	20° 0	23°38	25° 7	28°28	8°14	S 15
S 16	17 36 19	24°59'37	16°42	18°45	3°51	8°19	4°54	19°40	5°39	14°34	20° 1	23°39	25° 4	28°35	8°16	S 16
M17	17 40 16	25°57'04	0♌14	19°44	4°18	9° 2	5° 7	19°36	5°41	14°34	20° 2	23°R39	25° 0	28°42	8°17	M17
T 18	17 44 13	26°54'30	14°10	20°39	4°44	9°44	5°21	19°31	5°44	14°33	20° 3	23°38	24°57	28°48	8°18	T 18
W19	17 48 9	27°51'55	28°29	21°30	5° 8	10°27	5°35	19°27	5°46	14°33	20° 4	23°36	24°54	28°55	8°20	W19
T 20	17 52 6	28°49'19	13♐8	22°18	5°30	11°10	5°48	19°22	5°48	14°33	20° 5	23°33	24°51	29° 2	8°21	T 20
F 21	17 56 2	29°46'42	28° 4	23° 2	5°51	11°52	6° 2	19°18	5°51	14°33	20° 6	23°30	24°48	29° 8	8°22	F 21
S 22	17 59 59	0♌44'04	13♌7	23°41	6° 9	12°35	6°16	19°14	5°53	14°33	20° 7	23°27	24°45	29°15	8°23	S 22
S 23	18 3 55	1°41'26	28°10	24°17	6°26	13°17	6°29	19° 9	5°55	14°33	20° 9	23°25	24°41	29°22	8°24	S 23
M24	18 7 52	2°38'46	13♌3	24°48	6°41	14° 0	6°43	19° 5	5°58	14°33	20°10	23°24	24°38	29°28	8°25	M24
T 25	18 11 48	3°36'06	27°38	25°15	6°53	14°42	6°56	19° 1	6° 0	14°32	20°11	23°D24	24°35	29°35	8°26	T 25
W26	18 15 45	4°33'25	11♌51	25°37	7° 4	15°24	7°10	18°57	6° 2	14°D32	20°12	23°24	24°32	29°42	8°27	W26
T 27	18 19 42	5°30'44	25°38	25°55	7°12	16° 6	7°23	18°52	6° 4	14°33	20°13	23°26	24°29	29°49	8°27	T 27
F 28	18 23 38	6°28'03	8♋59	26° 9	7°19	16°48	7°36	18°48	6° 6	14°33	20°14	23°27	24°26	29°55	8°28	F 28
S 29	18 27 35	7°25'21	21°55	26°18	7°23	17°30	7°50	18°44	6° 8	14°33	20°15	23°28	24°22	0♐2	8°29	S 29
S 30	18 31 31	8°22'38	4♐30	26°R22	7°R25	18♐12	8♐3	18♌40	6♌10	14♌33	20♌16	23°R28	24♌19	0♐9	8♐30	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	21n58	2s56	3n54	25n25	2n 5	24n11	3n 3	2s47	1s57	19n37	0s47	21s19	1n44	12n39	0s31	4s25	1n29	2n24	15s45	21s11	20s54	23n42	5n41	2n49			
S 2	22 6	2n31	4 32	25 30	2 8	23 59	3 0	2 30	1 58	19 40	0 46	21 18	1 44	12 40	0 31	4 24	1 29	2 24	15 45	21 11	20 55	23 43	5 42	2 49			
M 3	22 13	7 46	4 57	25 32	2 10	23 48	2 57	2 13	1 58	19 43	0 46	21 18	1 44	12 41	0 31	4 24	1 29	2 24	15 45	21 11	20 56	23 44	5 43	2 49			
T 4	22 21	12 38	5 9	25 32	2 12	23 37	2 54	1 57	1 59	19 45	0 46	21 18	1 44	12 42	0 31	4 24	1 29	2 25	15 45	21 12	20 56	23 45	5 44	2 49			
W 5	22 27	16 58	5 6	25 30	2 12	23 25	2 50	1 40	2 0	19 48	0 46	21 18	1 44	12 43	0 31	4 24	1 29	2 25	15 46	21 13	20 57	23 46	5 45	2 49			
T 6	22 34	20 37	4 51	25 26	2 12	23 13	2 47	1 24	2 0	19 51	0 46	21 17	1 44	12 43	0 31	4 24	1 29	2 25	15 46	21 14	20 57	23 47	5 45	2 49			
F 7	22 40	23 25	4 23	25 21	2 11	23 0	2 42	1 7	2 1	19 54	0 46	21 17	1 44	12 44	0 31	4 23	1 28	2 25	15 46	21 16	20 58	23 48	5 46	2 49			
S 8	22 46	25 12	3 44	25 13	2 10	22 48	2 38	0 51	2 2	19 56	0 46	21 17	1 44	12 45	0 31	4 23	1 28	2 25	15 46	21 17	20 58	23 49	5 47	2 49			
S 9	22 51	25 51	2 55	25 4	2 7	22 35	2 33	0 34	2 2	19 59	0 46	21 17	1 44	12 46	0 31	4 23	1 28	2 26	15 46	21 18	20 59	23 50	5 48	2 50			
M10	22 56	25 19	1 57	24 54	2 3	22 22	2 29	0 18	2 3	20 2	0 46	21 16	1 44	12 47	0 31	4 23	1 28	2 26	15 46	21 18	21 0	23 52	5 48	2 50			
T 11	23 0	23 34	0 54	24 43	1 59	22 9	2 23	0 1	2 4	20 5	0 46	21 16	1 44	12 48	0 31	4 23	1 28	2 26	15 46	21 19	21 0	23 53	5 49	2 50			
W12	23 4	20 44	0s12	24 30	1 54	21 56	2 18	0n15	2 4	20 7	0 46	21 16	1 44	12 49	0 31	4 23	1 28	2 26	15 46	21 19	21 1	23 54	5 50	2 50			
T 13	23 8	16 55	1 19	24 16	1 48	21 43	2 12	0 31	2 5	20 10	0 46	21 15	1 44	12 50	0 31	4 22	1 28	2 26	15 47	21 19	21 1	23 55	5 50	2 50			
F 14	23 11	12 17	2 23	24 1	1 42	21 30	2 6	0 48	2 6	20 12	0 46	21 15	1 43	12 51	0 31	4 22	1 28	2 26	15 47	21 18	21 2	23 56	5 51	2 50			
S 15	23 14	7 3	3 22	23 45	1 34	21 17	1 59	1 4	2 6	20 15	0 46	21 15	1 43	12 51	0 31	4 22	1 28	2 26	15 47	21 18	21 3	23 57	5 52	2 50			
S 16	23 16	1 22	4 11	23 28	1 26	21 3	1 53	1 20	2 7	20 17	0 46	21 15	1 43	12 52	0 31	4 22	1 28	2 27	15 47	21 18	21 3	23 58	5 52	2 50			
M17	23 18	4s30	4 48	23 11	1 17	20 50	1 46	1 37	2 8	20 20	0 46	21 14	1 43	12 53	0 31	4 22	1 28	2 27	15 47	21 18	21 4	23 59	5 53	2 50			
T 18	23 20	10 19	5 10	22 53	1 7	20 37	1 38	1 53	2 8	20 22	0 46	21 14	1 43	12 54	0 31	4 22	1 28	2 27	15 47	21 18	21 4	24 0	5 54	2 50			
W19	23 21	15 46	5 13	22 35	0 57	20 23	1 30	2 9	2 9	20 25	0 46	21 14	1 43	12 55	0 31	4 22	1 28	2 27	15 48	21 18	21 5	24 1	5 54	2 50			
T 20	23 21	20 26	4 56	22 16	0 46	20 10	1 22	2 25	2 9	20 27	0 46	21 14	1 43	12 55	0 31	4 22	1 28	2 27	15 48	21 19	21 5	24 2	5 55	2 50			
F 21	23 22	23 52	4 19	21 58	0 34	19 57	1 14	2 41	2 10	20 30	0 46	21 13	1 43	12 56	0 31	4 22	1 28	2 27	15 48	21 19	21 6	24 3	5 55	2 51			
S 22	23 22	25 40	3 24	21 39	0 21	19 44	1 5	2 57	2 10	20 32	0 46	21 13	1 43	12 57	0 31	4 22	1 28	2 27	15 48	21 20	21 6	24 4	5 56	2 51			
S 23	23 21	25 35	2 15	21 19	0 8	19 31	0 56	3 13	2 11	20 34	0 46	21 13	1 43	12 58	0 31	4 22	1 28	2 27	15 48	21 20	21 7	24 5	5 56	2 51			
M24	23 20	23 40	0 57	21 0	0s 6	19 18	0 47	3 29	2 12	20 37	0 46	21 13	1 42	12 58	0 31	4 22	1 28	2 27	15 49	21 20	21 8	24 6	5 57	2 51			
T 25	23 19	20 11	0n23	20 41	0 20	19 5	0 37	3 45	2 12	20 39	0 46	21 12	1 42	12 59	0 31	4 22	1 28	2 27	15 49	21 21	21 8	24 7	5 57	2 51			
W26	23 17	15 35	1 40	20 23	0 35	18 52	0 26	4 0	2 13	20 41	0 46	21 12	1 42	13 0	0 31	4 22	1 28	2 28	15 49	21 20	21 9	24 8	5 57	2 51			
T 27	23 15	10 17	2 49	20 4	0 50	18 40	0 16	4 16	2 13	20 43	0 46	21 12	1 42	13 0	0 31	4 22	1 28	2 28	15 49	21 20	21 9	24 9	5 58	2 51			
F 28	23 12	4 41	3 46	19 47	1 6	18 28	0 5	4 31	2 14	20 45	0 46	21 12	1 42	13 1	0 31	4 22	1 28	2 28	15 49	21 20	21 10	24 10	5 58	2 51			
S 29	23 9	0n56	4 30	19 29	1 22	18 16	0s 6	4 47	2 14	20 48	0 46	21 12	1 42	13 2	0 31	4 22	1 28	2 28	15 50	21 20	21 10	24 11	5 59	2 51			
S 30	23n 6	6n22	4n59	19n12	1s38	18n 4	0s18	5n 2	2s15	20n50	0s46	21s11	1n42	13n 2	0s31	4s22	1n28	2n28	15s50	21s20	21s11	24n12	5n59	2n51			



## ASTRODIENST EPHEMERIS for the year 2605

AUGUST 2605

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 37 41	8♂54'48	0♂54	19♂27	23°R28	9♂34	14♂33	17°R 1	6♂51	14♂53	20♂38	23♂18	22♂38	3♂43	8°R22	T 1
F 2	20 41 38	9°52'07	12°45	20°11	23♂ 3	10°12	14°43	16♂59	6°52	14°54	20°39	23°19	22°34	3°50	8°Y21	F 2
S 3	20 45 34	10°49'26	24°41	21° 0	22°39	10°50	14°54	16°58	6°52	14°56	20°39	23°21	22°31	3°56	8°20	S 3
S 4	20 49 31	11°46'47	6♂44	21°54	22°18	11°27	15° 5	16°56	6°53	14°57	20°39	23°22	22°28	4° 3	8°19	S 4
M 5	20 53 27	12°44'08	18°58	22°54	22° 0	12° 4	15°15	16°54	6°53	14°58	20°40	23°R23	22°25	4°10	8°18	M 5
T 6	20 57 24	13°41'30	1♂26	24° 0	21°43	12°41	15°26	16°53	6°54	14°59	20°40	23°22	22°22	4°16	8°16	T 6
W 7	21 1 120	14°38'53	14° 9	25°10	21°29	13°18	15°36	16°51	6°54	15° 1	20°40	23°21	22°18	4°23	8°15	W 7
T 8	21 5 17	15°36'16	27° 7	26°26	21°18	13°54	15°47	16°50	6°54	15° 2	20°40	23°19	22°15	4°30	8°14	T 8
F 9	21 9 14	16°33'40	10♂21	27°46	21° 8	14°30	15°57	16°49	6°54	15° 3	20°41	23°16	22°12	4°36	8°12	F 9
S 10	21 13 10	17°31'05	23°50	29°11	21° 1	15° 6	16° 7	16°48	6°54	15° 5	20°41	23°13	22° 9	4°43	8°11	S 10
S 11	21 17 7	18°28'30	7♂31	0♂41	20°57	15°42	16°17	16°47	6°54	15° 6	20°41	23° 9	22° 6	4°50	8° 9	S 11
M12	21 21 3	19°25'55	21°22	2°16	20°D54	16°18	16°26	16°46	6°R54	15° 7	20°41	23° 6	22° 3	4°56	8° 8	M12
T 13	21 25 0	20°23'22	5♂23	3°54	20°55	16°53	16°36	16°45	6°54	15° 9	20°42	23° 4	21°59	5° 3	8° 6	T 13
W14	21 28 56	21°20'49	19°21	5°36	20°57	17°28	16°46	16°44	6°54	15°10	20°42	23°D 3	21°56	5°10	8° 5	W14
T 15	21 32 53	22°18'16	3♂43	7°22	21° 2	18° 3	16°55	16°44	6°54	15°12	20°42	23° 4	21°53	5°16	8° 3	T 15
F 16	21 36 49	23°15'45	17°58	9°11	21° 8	18°38	17° 4	16°43	6°54	15°13	20°42	23° 5	21°50	5°23	8° 1	F 16
S 17	21 40 46	24°13'14	2♂14	11° 4	21°17	19°12	17°14	16°43	6°54	15°15	20°42	23° 6	21°47	5°30	7°59	S 17
S 18	21 44 33	25°10'43	16°28	12°58	21°28	19°46	17°23	16°42	6°54	15°16	20°42	23°R 7	21°44	5°37	7°58	S 18
M19	21 48 39	26° 8'14	0♂36	14°55	21°42	20°20	17°32	16°42	6°53	15°18	20°42	23° 7	21°40	5°43	7°56	M19
T 20	21 52 36	27° 5'45	16°54	16°54	21°57	20°54	17°41	16°42	6°53	15°19	20°42	23° 6	21°37	5°50	7°54	T 20
W21	21 56 32	28° 3'17	28°22	18°54	22°14	21°27	17°49	16°D42	6°53	15°21	20°R42	23° 3	21°34	5°57	7°52	W21
T 22	22 0 29	29° 0'51	11♂53	20°55	22°33	22° 0	17°58	16°42	6°52	15°23	20°42	22°58	21°31	6° 3	7°50	T 22
F 23	22 4 25	29°58'25	25° 6	22°58	22°54	22°33	18° 6	16°42	6°52	15°24	20°42	22°52	21°28	6°10	7°48	F 23
S 24	22 8 22	0♂56'01	8°Y 1	25° 0	23°16	23° 5	18°15	16°42	6°51	15°26	20°42	22°46	21°24	6°17	7°46	S 24
S 25	22 12 18	1°53'38	20°37	27° 3	23°40	23°38	18°23	16°43	6°50	15°28	20°42	22°40	21°21	6°23	7°44	S 25
M26	22 16 15	2°51'17	2♂57	29° 5	24° 6	24°10	18°31	16°43	6°50	15°30	20°42	22°35	21°18	6°30	7°42	M26
T 27	22 20 12	3°48'57	15° 3	1♂ 7	24°34	24°41	18°39	16°44	6°49	15°31	20°42	22°31	21°15	6°37	7°40	T 27
W28	22 24 8	4°46'38	27° 0	3° 9	25° 3	25°12	18°47	16°44	6°48	15°33	20°42	22°29	21°12	6°43	7°37	W28
T 29	22 28 5	5°44'21	8♂51	5°10	25°34	25°43	18°54	16°45	6°48	15°35	20°41	22°D29	21° 9	6°50	7°35	T 29
F 30	22 32 1	6°42'06	20°42	7°10	26° 5	26°14	19° 2	16°46	6°47	15°37	20°41	22°30	21° 5	6°57	7°33	F 30
S 31	22 35 58	7♂39'52	2♂38	9♂ 9	26♂39	26♂44	19♂ 9	16♂47	6♂46	15♂38	20♂41	22♂31	21♂ 2	7♂ 3	7°Y31	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	17n58	24n22	4n11	19n10	2s49	14n56	6s29	12n23	2s23	21n43	0s46	21s 8	1n36	13n15	0s32	T 1
F 2	17 43	25 39	3 26	19 18	2 34	14 56	6 33	12 34	2 23	21 44	0 46	21 8	1 36	13 15	0 32	F 2
S 3	17 28	25 47	2 32	19 26	2 20	14 57	6 36	12 46	2 23	21 45	0 46	21 8	1 36	13 16	0 32	S 3
S 4	17 12	24 42	1 31	19 32	2 5	14 57	6 39	12 57	2 23	21 46	0 46	21 8	1 36	13 16	0 32	S 4
M 5	16 56	22 26	0 24	19 37	1 50	14 58	6 41	13 9	2 23	21 47	0 46	21 8	1 36	13 16	0 32	M 5
T 6	16 40	19 3	0s44	19 41	1 34	15 0	6 42	13 20	2 23	21 48	0 46	21 8	1 35	13 16	0 32	T 6
W 7	16 23	14 45	1 52	19 44	1 20	15 1	6 43	13 31	2 22	21 50	0 46	21 8	1 35	13 16	0 32	W 7
T 8	16 6	9 41	2 55	19 44	1 5	15 3	6 43	13 42	2 22	21 51	0 46	21 8	1 35	13 16	0 32	T 8
F 9	15 49	4 6	3 50	19 43	0 50	15 4	6 43	13 52	2 22	21 52	0 46	21 8	1 35	13 16	0 32	F 9
S 10	15 32	1s45	4 34	19 40	0 36	15 6	6 42	14 3	2 22	21 53	0 46	21 9	1 34	13 16	0 32	S 10
S 11	15 14	7 36	5 2	19 35	0 22	15 8	6 40	14 13	2 22	21 54	0 46	21 9	1 34	13 16	0 32	S 11
M12	14 57	13 9	5 13	19 27	0 9	15 11	6 38	14 24	2 22	21 55	0 46	21 9	1 34	13 16	0 32	M12
T 13	14 39	18 5	5 6	19 17	0n 4	15 13	6 36	14 34	2 22	21 55	0 46	21 9	1 34	13 16	0 32	T 13
W14	14 20	22 3	4 41	19 4	0 17	15 15	6 33	14 44	2 21	21 56	0 46	21 9	1 34	13 16	0 32	W14
T 15	14 2	24 43	3 58	18 49	0 28	15 18	6 30	14 53	2 21	21 57	0 46	21 9	1 33	13 16	0 32	T 15
F 16	13 43	25 49	3 1	18 32	0 39	15 20	6 27	15 3	2 21	21 58	0 46	21 9	1 33	13 16	0 32	F 16
S 17	13 24	25 12	1 52	18 11	0 49	15 22	6 23	15 13	2 21	21 59	0 46	21 9	1 33	13 16	0 32	S 17
S 18	13 5	22 57	0 36	17 48	0 59	15 25	6 19	15 22	2 20	22 0	0 46	21 10	1 33	13 16	0 32	S 18
M19	12 46	19 18	0n41	17 23	1 7	15 27	6 15	15 31	2 20	22 1	0 46	21 10	1 33	13 15	0 32	M19
T 20	12 26	14 35	1 54	16 55	1 15	15 29	6 10	15 40	2 20	22 1	0 46	21 10	1 32	13 15	0 32	T 20
W21	12 7	9 11	3 0	16 24	1 22	15 31	6 6	15 49	2 19	22 2	0 46	21 10	1 32	13 15	0 32	W21
T 22	11 47	3 28	3 54	15 51	1 27	15 33	6 1	15 58	2 19	22 3	0 46	21 10	1 32	13 15	0 33	T 22
F 23	11 27	2n16	4 35	15 17	1 32	15 35	5 55	16 7	2 19	22 4	0 47	21 11	1 32	13 15	0 33	F 23
S 24	11 6	7 46	5 0	14 40	1 37	15 37	5 50	16 15	2 18	22 4	0 47	21 11	1 32	13 15	0 33	S 24
S 25	10 46	12 49	5 10	14 1	1 40	15 38	5 44	16 24	2 18	22 5	0 47	21 11	1 31	13 14	0 33	S 25
M26	10 25	17 14	5 5	13 21	1 42	15 39	5 39	16 32	2 17	22 6	0 47	21 11	1 31	13 14	0 33	M26
T 27	10 5	20 52	4 47	12 40	1 44	15 41	5 33	16 40	2 17	22 6	0 47	21 12	1 31	13 14	0 33	T 27
W28	9 44	23 34	4 16	11 57	1 45	15 41	5 27	16 48	2 16	22 7	0 47	21 12	1 31	13 14	0 33	W28
T 29	9 23	25 14	3 34	11 13	1 45	15 42	5 21	16 56	2 16	22 7	0 47	21 12	1 30	13 13	0 33	T 29
F 30	9 1	25 46	2 44	10 29	1 45	15 42	5 15	17 3	2 15	22 8	0 47	21 13	1 30	13 13	0 33	F 30
S 31	8n40	25n 6	1n46	9n43	1n44	15n42	5s 8	17n11	2s15	22n 8	0s47	21s13	1n30	13n13	0s33	S 31

Julian Day Number = 2672728.5, Delta T = 20m34s

Ecliptic obliquity = 23°21'42", Nutation = 0°00'17"

Ayanamsha: Fagan/Bradley = 33°12'38", Lahiri = 32°19'38"

## ASTRODIENST EPHEMERIS for the year 2605

SEPTEMBER 2605

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 39 54	8 <sup>h</sup> 37'40"	14 <sup>h</sup> 45'	11 <sup>h</sup> 7'	27 <sup>h</sup> 14'	27 <sup>h</sup> 14'	19 <sup>h</sup> 17'	16 <sup>h</sup> 48'	6 <sup>h</sup> 45'	15 <sup>h</sup> 40'	20 <sup>h</sup> 41'	22 <sup>h</sup> 32'	20 <sup>h</sup> 59'	7 <sup>h</sup> 11'	7 <sup>h</sup> 28'	S 1
M 2	22 43 51	9 <sup>h</sup> 35'30"	27° 5'	13° 4'	27°49'	27°44'	19°24'	16°49'	6 <sup>h</sup> 44'	15°42'	20 <sup>h</sup> 41'	22 <sup>h</sup> R32	20°56'	7°17'	7 <sup>h</sup> 26'	M 2
T 3	22 47 47	10°33'21"	9 <sup>h</sup> 43'	14°59'	28°27'	28°13'	19°30'	16°50'	6°43'	15°44'	20°40'	22°31'	20°53'	7°23'	7°24'	T 3
W 4	22 51 44	11°31'14"	22°41'	16°54'	29° 5'	28°42'	19°37'	16°52'	6°42'	15°46'	20°40'	22°27'	20°50'	7°30'	7°21'	W 4
T 5	22 55 41	12°29'08"	6 <sup>h</sup> 0'	18°47'	29°44'	29°10'	19°44'	16°53'	6°41'	15°48'	20°40'	22°22'	20°46'	7°37'	7°19'	T 5
F 6	22 59 37	13°27'03"	19°39'	20°39'	0 <sup>h</sup> 25'	29°38'	19°50'	16°55'	6°40'	15°50'	20°39'	22°14'	20°43'	7°44'	7°16'	F 6
S 7	23 3 34	14°25'00"	3 <sup>h</sup> 34'	22°29'	1° 7'	0 <sup>h</sup> 11'	19°57'	16°56'	6°38'	15°52'	20°39'	22° 6'	20°40'	7°50'	7°14'	S 7
S 8	23 7 30	15°22'59"	17°42'	24°19'	1°49'	0°33'	20° 3'	16°58'	6°37'	15°54'	20°39'	21°57'	20°37'	7°57'	7°11'	S 8
M 9	23 11 27	16°20'59"	1 <sup>h</sup> 57'	26° 7'	2°33'	0°59'	20° 9'	17° 0'	6°36'	15°56'	20°38'	21°50'	20°34'	8° 4'	7° 9'	M 9
T 10	23 15 23	17°19'00"	16°15'	27°53'	3°17'	1°26'	20°15'	17° 1'	6°35'	15°58'	20°38'	21°44'	20°30'	8°10'	7° 6'	T 10
W 11	23 19 20	18°17'02"	0 <sup>h</sup> 32'	29°39'	4° 3'	1°52'	20°20'	17° 3'	6°33'	16° 0'	20°37'	21°41'	20°27'	8°17'	7° 4'	W 11
T 12	23 23 16	19°15'06"	14°45'	1 <sup>h</sup> 23'	4°49'	2°17'	20°26'	17° 6'	6°32'	16° 2'	20°37'	21°D39	20°24'	8°24'	7° 1'	T 12
F 13	23 27 13	20°13'12"	28°51'	3° 6'	5°36'	2°42'	20°31'	17° 8'	6°30'	16° 4'	20°37'	21°40'	20°21'	8°30'	6°59'	F 13
S 14	23 31 10	21°11'18"	12 <sup>h</sup> 51'	4°47'	6°24'	3° 6'	20°36'	17°10'	6°29'	16° 6'	20°36'	21°40'	20°18'	8°37'	6°56'	S 14
S 15	23 35 6	22° 9'26"	26°42'	6°28'	7°13'	3°30'	20°41'	17°12'	6°27'	16° 8'	20°36'	21°R40	20°15'	8°44'	6°53'	S 15
M 16	23 39 3	23° 7'36"	10 <sup>h</sup> 25'	8° 7'	8° 3'	3°54'	20°46'	17°15'	6°26'	16°10'	20°35'	21°39'	20°11'	8°50'	6°51'	M 16
T 17	23 42 59	24° 5'46"	23°59'	9°45'	8°53'	4°17'	20°51'	17°17'	6°24'	16°12'	20°35'	21°35'	20° 8'	8°57'	6°48'	T 17
W 18	23 46 56	25° 3'59"	7 <sup>h</sup> 22'	11°22'	9°44'	4°40'	20°55'	17°20'	6°23'	16°14'	20°34'	21°28'	20° 5'	9° 4'	6°45'	W 18
T 19	23 50 52	26° 2'13"	20°33'	12°57'	10°35'	5° 2'	20°59'	17°23'	6°21'	16°16'	20°33'	21°19'	20° 2'	9°10'	6°43'	T 19
F 20	23 54 49	27° 0'28"	3 <sup>h</sup> 31'	14°32'	11°28'	5°23'	21° 3'	17°25'	6°19'	16°18'	20°33'	21° 9'	19°59'	9°17'	6°40'	F 20
S 21	23 58 45	27°58'45"	16°14'	16° 5'	12°21'	5°44'	21° 7'	17°28'	6°18'	16°21'	20°32'	20°57'	19°55'	9°24'	6°37'	S 21
S 22	0 2 42	28°57'05"	28°43'	17°38'	13°14'	6° 4'	21°11'	17°31'	6°16'	16°23'	20°32'	20°45'	19°52'	9°30'	6°34'	S 22
M 23	0 6 38	29°55'26"	10 <sup>h</sup> 58'	19° 9'	14° 8'	6°24'	21°15'	17°34'	6°14'	16°25'	20°31'	20°35'	19°49'	9°37'	6°32'	M 23
T 24	0 10 35	0 <sup>h</sup> 53'49"	23° 1'	20°39'	15° 3'	6°43'	21°18'	17°37'	6°12'	16°27'	20°30'	20°27'	19°46'	9°44'	6°29'	T 24
W 25	0 14 32	1°52'15"	4 <sup>h</sup> 56'	22° 8'	15°59'	7° 2'	21°21'	17°41'	6°10'	16°29'	20°30'	20°21'	19°43'	9°50'	6°26'	W 25
T 26	0 18 28	2°50'42"	16°46'	23°35'	16°55'	7°20'	21°24'	17°44'	6° 8'	16°31'	20°29'	20°18'	19°40'	9°57'	6°23'	T 26
F 27	0 22 25	3°49'12"	28°35'	25° 2'	17°51'	7°38'	21°27'	17°47'	6° 6'	16°33'	20°28'	20°17'	19°36'	10° 4'	6°21'	F 27
S 28	0 26 21	4°47'43"	10 <sup>h</sup> 30'	26°27'	18°48'	7°54'	21°29'	17°51'	6° 5'	16°36'	20°27'	20°D17	19°33'	10°10'	6°18'	S 28
S 29	0 30 18	5°46'17"	22°36'	27°52'	19°45'	8°10'	21°32'	17°54'	6° 3'	16°38'	20°27'	20°R17	19°30'	10°17'	6°15'	S 29
M 30	0 34 14	6°44'53"	4 <sup>h</sup> 57'	29°15'	20°43'	8°11'	21°34'	17°58'	6° 1'	16°40'	20°26'	20°316	19°327	10°124	6°12	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	8n19	23n15	0n42	8n57	1n42	15n42	5s 2	17n18	2s14	22n 9	0s47	21s13	1n30	13n13	0s33	4s50
M 2	7 57	20 16	0s25	8 10	1 40	15 42	4 56	17 25	2 13	22 10	0 47	21 14	1 30	13 12	0 33	4 51
T 3	7 35	16 17	1 31	7 23	1 37	15 41	4 49	17 32	2 13	22 10	0 47	21 14	1 29	13 12	0 33	4 52
W 4	7 13	11 28	2 35	6 36	1 34	15 40	4 43	17 39	2 12	22 10	0 47	21 14	1 29	13 12	0 33	4 52
T 5	6 51	5 59	3 32	5 48	1 30	15 38	4 36	17 46	2 11	22 11	0 47	21 15	1 29	13 11	0 33	4 53
F 6	6 29	0 8	4 18	5 0	1 26	15 36	4 30	17 53	2 11	22 11	0 47	21 15	1 29	13 11	0 33	4 54
S 7	6 7	5s51	4 50	4 13	1 21	15 34	4 23	17 59	2 10	22 12	0 47	21 15	1 29	13 10	0 33	4 55
S 8	5 45	11 37	5 5	3 25	1 16	15 31	4 16	18 5	2 9	22 12	0 47	21 16	1 28	13 10	0 33	4 55
M 9	5 22	16 49	5 1	2 38	1 11	15 29	4 9	18 12	2 8	22 13	0 47	21 16	1 28	13 9	0 33	4 56
T 10	5 0	21 5	4 38	1 50	1 5	15 25	4 3	18 18	2 8	22 13	0 47	21 16	1 28	13 9	0 33	4 57
W 11	4 37	24 5	3 59	1 3	0 59	15 21	3 56	18 24	2 7	22 13	0 47	21 17	1 28	13 9	0 33	4 58
T 12	4 14	25 33	3 4	0 16	0 53	15 17	3 49	18 30	2 6	22 14	0 48	21 17	1 27	13 8	0 33	4 59
F 13	3 52	25 20	1 59	0s31	0 47	15 13	3 42	18 35	2 5	22 14	0 48	21 18	1 27	13 8	0 33	4 59
S 14	3 29	23 31	0 47	1 17	0 40	15 8	3 36	18 41	2 4	22 14	0 48	21 18	1 27	13 7	0 33	5 0
S 15	3 6	20 18	0n27	2 3	0 33	15 2	3 29	18 46	2 3	22 15	0 48	21 18	1 27	13 7	0 33	5 1
M 16	2 43	16 0	1 38	2 48	0 26	14 56	3 22	18 52	2 2	22 15	0 48	21 19	1 27	13 6	0 33	5 2
T 17	2 20	10 55	2 43	3 33	0 19	14 50	3 15	18 57	2 1	22 15	0 48	21 19	1 26	13 6	0 33	5 3
W 18	1 57	5 24	3 38	4 18	0 12	14 43	3 9	19 2	2 0	22 15	0 48	21 20	1 26	13 5	0 33	5 3
T 19	1 34	0n16	4 20	5 2	0 4	14 36	3 2	19 7	1 59	22 16	0 48	21 20	1 26	13 4	0 33	5 4
F 20	1 11	5 48	4 48	5 46	0s 3	14 29	2 55	19 12	1 58	22 16	0 48	21 21	1 26	13 4	0 33	5 5
S 21	0 48	11 0	5 1	6 29	0 11	14 21	2 49	19 17	1 56	22 16	0 48	21 21	1 26	13 3	0 33	5 6
S 22	0 25	15 39	4 59	7 11	0 19	14 12	2 42	19 22	1 55	22 16	0 48	21 22	1 25	13 3	0 33	5 7
M 23	0 2	19 34	4 44	7 53	0 26	14 3	2 35	19 26	1 54	22 16	0 48	21 22	1 25	13 2	0 33	5 8
T 24	0s21	22 35	4 15	8 34	0 34	13 54	2 29	19 31	1 53	22 17	0 48	21 23	1 25	13 2	0 33	5 8
W 25	0 44	24 36	3 36	9 14	0 42	13 44	2 22	19 35	1 51	22 17	0 48	21 23	1 25	13 1	0 33	5 9
T 26	1 8	25 30	2 48	9 54	0 50	13 33	2 16	19 39	1 50	22 17	0 48	21 24	1 25	13 0	0 33	5 10
F 27	1 31	25 14	1 53	10 33	0 58	13 23	2 9	19 43	1 49	22 17	0 48	21 24	1 24	13 0	0 33	5 11
S 28	1 54	23 48	0 52	11 12	1 5	13 11	2 3	19 48	1 47	22 17	0 48	21 25	1 24	12 59	0 33	5 12
S 29	2 17	21 16	0s12	11 49	1 13	13 0	1 57	19 52	1 46	22 17	0 48	21 25	1 24	12 58	0 33	5 13
M 30	2s40	17n43	1s17	12s26	1s21	12n48	1s50	19n55	1s44	22n17	0s48	21s26	1n24	12n58	0s33	5s13

Julian Day Number = 2672759.5, Delta T = 20m34s

Ecliptic obliquity = 23°21'42", Nutation = 0°00'17"

Ayanamsha: Fagan/Bradley = 33°12'42", Lahiri = 32°19'42"

## ASTRODIENST EPHEMERIS for the year 2605

OCTOBER 2605

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 38 11	7♂43'31	17♂39	0♂37	21♂42	8♂41	21♂36	18♂2	5°R58	16♂42	20°R25	20°R13	19♂24	10♂30	6°R10	T 1
W 2	0 42 7	8°42'11	0♂46	1°57	22°41	8°55	21°38	18°6	5♂56	16°44	20♂24	20♂8	19°21	10°37	6°Y 7	W 2
T 3	0 46 4	9°40'54	14°17	3°16	23°40	9°8	21°40	18°10	5°54	16°47	20°24	20°0	19°17	10°44	6°4	T 3
F 4	0 50 1	10°39'38	28°14	4°34	24°40	9°21	21°41	18°14	5°52	16°49	20°23	19°50	19°14	10°50	6°1	F 4
S 5	0 53 57	11°38'24	12♂33	5°51	25°40	9°33	21°42	18°18	5°50	16°51	20°22	19°39	19°11	10°57	5°59	S 5
S 6	0 57 54	12°37'12	27°7	7°6	26°40	9°44	21°43	18°22	5°48	16°53	20°21	19°27	19°8	11°4	5°56	S 6
M 7	1 1 50	13°36'03	11♂49	8°19	27°41	9°54	21°44	18°26	5°46	16°56	20°20	19°16	19°5	11°10	5°53	M 7
T 8	1 5 47	14°34'55	26°32	9°31	28°42	10°4	21°45	18°30	5°43	16°58	20°19	19°8	19°1	11°17	5°50	T 8
W 9	1 9 43	15°33'49	11♂8	10°41	29°44	10°13	21°45	18°35	5°41	17°0	20°18	19°3	18°58	11°24	5°48	W 9
T 10	1 13 40	16°32'44	25°32	11°49	0♂46	10°21	21°46	18°39	5°39	17°2	20°18	19°0	18°55	11°31	5°45	T 10
F 11	1 17 36	17°31'42	9♂42	12°55	1°48	10°28	21°R46	18°44	5°37	17°5	20°17	18°59	18°52	11°37	5°42	F 11
S 12	1 21 33	18°30'40	23°36	13°59	2°51	10°35	21°45	18°48	5°34	17°7	20°16	18°59	18°49	11°44	5°40	S 12
S 13	1 25 30	19°29'41	7♂16	15°1	3°54	10°40	21°45	18°53	5°32	17°9	20°15	18°58	18°46	11°51	5°37	S 13
M14	1 29 26	20°28'43	20°42	16°0	4°57	10°45	21°44	18°57	5°30	17°11	20°14	18°56	18°42	11°57	5°34	M14
T 15	1 33 23	21°27'47	3♂55	16°57	6°1	10°49	21°44	19°2	5°27	17°13	20°13	18°51	18°39	12°4	5°32	T 15
W16	1 37 19	22°26'53	16°56	17°50	7°5	10°52	21°43	19°7	5°25	17°16	20°12	18°43	18°36	12°11	5°29	W16
T 17	1 41 16	23°26'01	29°47	18°40	8°9	10°55	21°42	19°12	5°23	17°18	20°11	18°33	18°33	12°17	5°26	T 17
F 18	1 45 12	24°25'10	12°Y26	19°27	9°13	10°56	21°40	19°17	5°20	17°20	20°10	18°20	18°30	12°24	5°24	F 18
S 19	1 49 9	25°24'22	24°54	20°10	10°18	10°R56	21°39	19°22	5°18	17°22	20°9	18°6	18°26	12°31	5°21	S 19
S 20	1 53 5	26°23'35	7♂11	20°48	11°23	10°56	21°37	19°27	5°16	17°25	20°8	17°52	18°23	12°37	5°19	S 20
M21	1 57 2	27°22'51	19°18	21°22	12°28	10°55	21°35	19°32	5°13	17°27	20°7	17°40	18°20	12°44	5°16	M21
T 22	2 0 59	28°22'08	1♂16	21°51	13°34	10°53	21°33	19°38	5°11	17°29	20°6	17°30	18°17	12°51	5°14	T 22
W23	2 4 55	29°21'28	13°7	22°15	14°40	10°50	21°30	19°43	5°8	17°31	20°5	17°23	18°14	12°57	5°11	W23
T 24	2 8 52	0♂20'50	24°55	22°32	15°46	10°46	21°28	19°48	5°6	17°33	20°4	17°18	18°11	13°4	5°9	T 24
F 25	2 12 48	1°20'15	6♂43	22°43	16°52	10°41	21°25	19°54	5°3	17°35	20°3	17°16	18°7	13°11	5°6	F 25
S 26	2 16 45	2°19'41	18°36	22°R47	17°59	10°35	21°22	19°59	5°1	17°38	20°2	17°D16	18°4	13°17	5°4	S 26
S 27	2 20 41	3°19'10	0♂39	22°43	19°6	10°29	21°19	20°5	4°59	17°40	20°1	17°R16	18°1	13°24	5°2	S 27
M28	2 24 38	4°18'41	12°57	22°32	20°13	10°21	21°16	20°10	4°56	17°42	20°0	17°16	17°58	13°31	4°59	M28
T 29	2 28 34	5°18'15	25°37	22°11	21°20	10°13	21°12	20°16	4°54	17°44	19°59	17°14	17°55	13°37	4°57	T 29
W30	2 32 31	6°17'50	8♂42	21°43	22°27	10°4	21°8	20°22	4°51	17°46	19°57	17°10	17°52	13°44	4°55	W30
T 31	2 36 27	7♂17'28	22♂16	21♂5	23♂35	9♂53	21♂4	20♂28	4♂49	17♂48	19♂56	17♂3	17♂48	13♂51	4♂53	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	3s 3	13n16	2s20	13s 2	1s29	12n35	1s44	19n59	1s43	22n17	0s49	21s26	1n24	12n57	0s33	5s14
W 2	3 26	8 6	3 17	13 37	1 36	12 22	1 38	20 3	1 41	22 17	0 49	21 27	1 23	12 56	0 33	5 15
T 3	3 49	2 24	4 5	14 12	1 44	12 9	1 32	20 7	1 39	22 17	0 49	21 27	1 23	12 56	0 33	5 16
F 4	4 12	3s35	4 40	14 45	1 51	11 55	1 26	20 10	1 38	22 18	0 49	21 28	1 23	12 55	0 33	5 17
S 5	4 35	9 31	4 58	15 18	1 59	11 40	1 20	20 14	1 36	22 18	0 49	21 28	1 23	12 54	0 33	5 18
S 6	4 58	15 2	4 58	15 49	2 6	11 26	1 14	20 17	1 34	22 18	0 49	21 29	1 23	12 53	0 33	5 18
M 7	5 21	19 44	4 38	16 20	2 13	11 11	1 8	20 20	1 32	22 18	0 49	21 29	1 23	12 53	0 33	5 19
T 8	5 44	23 12	3 59	16 49	2 20	10 55	1 2	20 24	1 31	22 18	0 49	21 30	1 22	12 52	0 33	5 20
W 9	6 6	25 6	3 6	17 18	2 26	10 39	0 56	20 27	1 29	22 18	0 49	21 30	1 22	12 51	0 33	5 21
T 10	6 29	25 18	2 1	17 45	2 33	10 23	0 51	20 30	1 27	22 17	0 49	21 31	1 22	12 50	0 33	5 22
F 11	6 52	23 49	0 49	18 12	2 39	10 6	0 45	20 33	1 25	22 17	0 49	21 32	1 22	12 50	0 33	5 23
S 12	7 14	20 54	0n24	18 37	2 45	9 49	0 39	20 36	1 23	22 17	0 49	21 32	1 22	12 49	0 33	5 23
S 13	7 36	16 52	1 35	19 0	2 51	9 31	0 34	20 39	1 21	22 17	0 49	21 33	1 22	12 48	0 33	5 24
M14	7 58	12 2	2 39	19 23	2 56	9 13	0 29	20 41	1 18	22 17	0 49	21 33	1 21	12 47	0 33	5 25
T 15	8 21	6 43	3 33	19 44	3 1	8 55	0 23	20 44	1 16	22 17	0 49	21 34	1 21	12 47	0 33	5 26
W16	8 43	1 13	4 16	20 3	3 5	8 36	0 18	20 47	1 14	22 17	0 49	21 34	1 21	12 46	0 33	5 27
T 17	9 4	4n16	4 44	20 21	3 9	8 17	0 13	20 49	1 12	22 17	0 49	21 35	1 21	12 45	0 33	5 28
F 18	9 26	9 28	4 58	20 37	3 13	7 58	0 8	20 52	1 9	22 17	0 49	21 35	1 21	12 44	0 33	5 29
S 19	9 48	14 14	4 58	20 52	3 16	7 38	0 3	20 54	1 7	22 17	0 49	21 36	1 21	12 44	0 33	5 29
S 20	10 9	18 20	4 43	21 5	3 18	7 18	0n 2	20 57	1 4	22 17	0 49	21 37	1 20	12 43	0 33	5 30
M21	10 30	21 36	4 16	21 15	3 19	6 58	0 7	20 59	1 2	22 16	0 49	21 37	1 20	12 42	0 33	5 31
T 22	10 52	23 54	3 38	21 23	3 20	6 37	0 12	21 1	0 59	22 16	0 49	21 38	1 20	12 41	0 33	5 32
W23	11 13	25 7	2 50	21 29	3 20	6 16	0 16	21 4	0 57	22 16	0 49	21 38	1 20	12 40	0 33	5 33
T 24	11 33	25 11	1 56	21 33	3 19	5 55	0 21	21 6	0 54	22 16	0 49	21 39	1 20	12 40	0 33	5 33
F 25	11 54	24 7	0 56	21 34	3 17	5 33	0 25	21 8	0 51	22 16	0 49	21 39	1 20	12 39	0 33	5 34
S 26	12 15	21 58	0s 7	21 31	3 13	5 11	0 30	21 10	0 49	22 15	0 50	21 40	1 19	12 38	0 33	5 35
S 27	12 35	18 48	1 11	21 26	3 8	4 49	0 34	21 11	0 46	22 15	0 50	21 40	1 19	12 37	0 33	5 36
M28	12 55	14 45	2 12	21 17	3 2	4 27	0 38	21 13	0 43	22 15	0 50	21 41	1 19	12 36	0 33	5 37
T 29	13 15	9 58	3 9	21 4	2 55	4 4	0 42	21 15	0 40	22 15	0 50	21 42	1 19	12 36	0 33	5 37
W30	13 35	4 36	3 58	20 48	2 45	3 41	0 46	21 16	0 37	22 15	0 50	21 42	1 19	12 35	0 33	5 38
T 31	13s54	1s10	4s35	20s27	2s34	3n18	0n50	21n18	0s34	22n14	0s50	21s43	1n19	12n34	0s33	5s39

Julian Day Number = 2672789.5, Delta T = 20m34s

Ecliptic obliquity = 23°21'42, Nutation = 0°00'16

Ayanamsha: Fagan/Bradley = 33°12'46, Lahiri = 32°19'46

# ASTRODIENST EPHEMERIS for the year 2605

NOVEMBER 2605

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	2 40 24	8♍17°08	6♊19	20°R19	24♎43	9°R42	21°R 0	20♊33	4°R46	17♊51	19°R55	16°R55	17♊45	13♊57	4°R50	F 1
S 2	2 44 21	9°16'50	20°48	19♍25	25°51	9♊31	20♊56	20°39	4♊44	17°53	19♊54	16♊44	17°42	14° 4	4♊48	S 2
S 3	2 48 17	10°16'34	5♍38	18°23	26°59	9°18	20°52	20°45	4°41	17°55	19°53	16°34	17°39	14°11	4°46	S 3
M 4	2 52 14	11°16'21	20°41	17°14	28° 8	9° 4	20°47	20°51	4°39	17°57	19°52	16°24	17°36	14°17	4°44	M 4
T 5	2 56 10	12°16'09	5♊47	16° 2	29°16	8°50	20°42	20°57	4°37	17°59	19°51	16°17	17°32	14°24	4°42	T 5
W 6	3 0 7	13°15'59	20°45	14°46	0♊25	8°35	20°37	21° 3	4°34	18° 1	19°50	16°12	17°29	14°31	4°40	W 6
T 7	3 4 3	14°15'51	5♊59	13°29	1°34	8°19	20°32	21° 9	4°32	18° 3	19°49	16° 9	17°26	14°37	4°38	T 7
F 8	3 8 0	15°15'45	19°53	12°14	2°43	8° 3	20°27	21°16	4°29	18° 5	19°48	16°D 9	17°23	14°44	4°36	F 8
S 9	3 11 57	16°15'40	3♊55	11° 3	3°52	7°46	20°21	21°22	4°27	18° 7	19°46	16° 9	17°20	14°51	4°34	S 9
S 10	3 15 53	17°15'36	17°36	9°59	5° 2	7°28	20°15	21°28	4°25	18° 9	19°45	16°R10	17°17	14°57	4°32	S 10
M11	3 19 50	18°15'34	0♊56	9° 2	6°11	7°10	20°10	21°34	4°22	18°11	19°44	16° 9	17°13	15° 4	4°31	M11
T 12	3 23 46	19°15'34	13°58	8°15	7°21	6°51	20° 4	21°41	4°20	18°13	19°43	16° 6	17°10	15°11	4°29	T 12
W13	3 27 43	20°15'35	26°45	7°39	8°31	6°32	19°58	21°47	4°18	18°15	19°42	16° 1	17° 7	15°17	4°27	W13
T 14	3 31 39	21°15'38	9♊19	7°14	9°41	6°12	19°51	21°54	4°15	18°17	19°41	15°53	17° 4	15°24	4°25	T 14
F 15	3 35 36	22°15'42	21°42	7° 1	10°51	5°52	19°45	22° 0	4°13	18°19	19°40	15°44	17° 1	15°31	4°24	F 15
S 16	3 39 32	23°15'48	3♊55	6°D59	12° 2	5°32	19°38	22° 7	4°11	18°21	19°39	15°33	16°58	15°37	4°22	S 16
S 17	3 43 29	24°15'56	16° 0	7° 8	13°12	5°11	19°32	22°13	4° 9	18°23	19°37	15°23	16°54	15°44	4°21	S 17
M18	3 47 25	25°16'06	27°59	7°28	14°23	4°50	19°25	22°20	4° 6	18°25	19°36	15°14	16°51	15°51	4°19	M18
T 19	3 51 22	26°16'17	9♊51	7°58	15°33	4°28	19°18	22°26	4° 4	18°26	19°35	15° 7	16°48	15°57	4°18	T 19
W20	3 55 19	27°16'31	21°40	8°36	16°44	4° 7	19°11	22°33	4° 2	18°28	19°34	15° 1	16°45	16° 4	4°16	W20
T 21	3 59 15	28°16'46	3♊57	9°22	17°55	3°45	19° 4	22°40	4° 0	18°30	19°33	14°59	16°42	16°11	4°15	T 21
F 22	4 3 12	29°17'03	15°16	10°15	19° 6	3°23	18°57	22°46	3°58	18°32	19°32	14°D58	16°38	16°17	4°14	F 22
S 23	4 7 8	0♊17'22	27°10	11°14	20°18	3° 2	18°49	22°53	3°55	18°34	19°31	14°58	16°35	16°24	4°12	S 23
S 24	4 11 5	1°17'42	9♊13	12°19	21°29	2°40	18°42	23° 0	3°53	18°36	19°30	15° 0	16°32	16°31	4°11	S 24
M25	4 15 1	2°18'05	21°30	13°28	22°40	2°18	18°34	23° 7	3°51	18°37	19°29	15° 1	16°29	16°37	4°10	M25
T 26	4 18 58	3°18'29	4♊ 5	14°41	23°52	1°57	18°27	23°13	3°49	18°39	19°27	15°R 2	16°26	16°44	4° 9	T 26
W27	4 22 55	4°18'55	17° 5	15°58	25° 4	1°35	18°19	23°20	3°47	18°41	19°26	15° 1	16°23	16°51	4° 8	W27
T 28	4 26 51	5°19'23	0♊31	17°18	26°15	1°14	18°11	23°27	3°45	18°42	19°25	14°58	16°19	16°57	4° 7	T 28
F 29	4 30 48	6°19'53	14°26	18°40	27°27	0°53	18° 3	23°34	3°43	18°44	19°24	14°54	16°16	17° 4	4° 6	F 29
S 30	4 34 44	7♊20'25	28♊51	20♍ 4	28♊39	0♊32	17♊55	23♊41	3♊41	18♊46	19♊23	14♊39	16♊13	17♊11	4♊ 5	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
F 1	14s13	7s 3	4s58	20s 2	2s22	2n55	0n54	21n19	0s31	22n14	0s50	21s43	1n19	12n33	0s33	F 1
S 2	14 32	12 45	5 2	19 34	2 7	2 31	0 57	21 20	0 28	22 14	0 50	21 44	1 18	12 32	0 33	S 2
S 3	14 51	17 51	4 46	19 1	1 51	2 8	1 1	21 22	0 25	22 13	0 50	21 44	1 18	12 31	0 33	S 3
M 4	15 10	21 54	4 11	18 25	1 33	1 44	1 4	21 23	0 22	22 13	0 50	21 45	1 18	12 31	0 33	M 4
T 5	15 28	24 27	3 18	17 46	1 14	1 20	1 8	21 24	0 19	22 13	0 50	21 45	1 18	12 30	0 33	T 5
W 6	15 46	25 13	2 11	17 5	0 54	0 55	1 11	21 25	0 15	22 12	0 50	21 46	1 18	12 29	0 33	W 6
T 7	16 4	24 12	0 57	16 22	0 34	0 31	1 14	21 25	0 12	22 12	0 50	21 46	1 18	12 28	0 33	T 7
F 8	16 22	21 34	0n20	15 40	0 13	0 6	1 17	21 26	0 9	22 12	0 50	21 47	1 18	12 28	0 33	F 8
S 9	16 39	17 42	1 34	14 59	0n 7	0s18	1 20	21 26	0 6	22 11	0 50	21 48	1 17	12 27	0 33	S 9
S 10	16 56	12 58	2 40	14 20	0 27	0 43	1 23	21 27	0 2	22 11	0 50	21 48	1 17	12 26	0 33	S 10
M11	17 13	7 44	3 36	13 44	0 46	1 8	1 26	21 27	0n 1	22 11	0 49	21 49	1 17	12 25	0 33	M11
T 12	17 29	2 18	4 19	13 13	1 3	1 33	1 29	21 27	0 4	22 10	0 49	21 49	1 17	12 24	0 33	T 12
W13	17 45	3n 8	4 49	12 47	1 19	1 58	1 31	21 27	0 8	22 10	0 49	21 50	1 17	12 24	0 33	W13
T 14	18 1	8 20	5 4	12 26	1 32	2 23	1 34	21 27	0 11	22 9	0 49	21 50	1 17	12 23	0 33	T 14
F 15	18 16	13 8	5 4	12 10	1 44	2 49	1 36	21 27	0 14	22 9	0 49	21 51	1 17	12 22	0 33	F 15
S 16	18 32	17 20	4 50	12 0	1 54	3 14	1 38	21 27	0 18	22 8	0 49	21 51	1 17	12 21	0 33	S 16
S 17	18 47	20 47	4 24	11 55	2 2	3 39	1 40	21 26	0 21	22 8	0 49	21 52	1 17	12 21	0 33	S 17
M18	19 1	23 18	3 46	11 56	2 9	4 4	1 42	21 26	0 24	22 7	0 49	21 52	1 16	12 20	0 33	M18
T 19	19 15	24 47	2 58	12 0	2 14	4 30	1 44	21 25	0 28	22 7	0 49	21 53	1 16	12 19	0 33	T 19
W20	19 29	25 8	2 3	12 9	2 17	4 55	1 46	21 25	0 31	22 6	0 49	21 53	1 16	12 18	0 33	W20
T 21	19 43	24 21	1 2	12 22	2 19	5 21	1 48	21 24	0 34	22 6	0 49	21 54	1 16	12 18	0 33	T 21
F 22	19 56	22 28	0s 2	12 38	2 19	5 46	1 50	21 23	0 38	22 5	0 49	21 54	1 16	12 17	0 33	F 22
S 23	20 9	19 35	1 6	12 57	2 19	6 11	1 51	21 22	0 41	22 5	0 49	21 54	1 16	12 16	0 33	S 23
S 24	20 21	15 50	2 8	13 18	2 18	6 37	1 52	21 21	0 44	22 4	0 49	21 55	1 16	12 16	0 33	S 24
M25	20 33	11 22	3 5	13 41	2 15	7 2	1 54	21 20	0 47	22 4	0 49	21 55	1 16	12 15	0 33	M25
T 26	20 45	6 19	3 55	14 5	2 12	7 27	1 55	21 18	0 50	22 3	0 49	21 56	1 16	12 14	0 33	T 26
W27	20 56	0 52	4 35	14 31	2 8	7 52	1 56	21 17	0 53	22 3	0 49	21 56	1 15	12 14	0 33	W27
T 28	21 7	4s49	5 1	14 58	2 4	8 17	1 57	21 16	0 56	22 2	0 49	21 57	1 15	12 13	0 33	T 28
F 29	21 18	10 27	5 11	15 25	1 59	8 42	1 58	21 14	0 59	22 1	0 48	21 57	1 15	12 12	0 33	F 29
S 30	21s28	15s44	5s 2	15s53	1n54	9s 7	1n59	21n13	1n 2	22n 1	0s48	21s58	1n15	12n12	0s33	S 30

Julian Day Number = 2672820.5, Delta T = 20m35s  
 Ecliptic obliquity = 23°21'41", Nutation = 0°00'15  
 Ayanamsha: Fagan/Bradley = 33°12'50, Lahiri = 32°19'50

## ASTRODIENST EPHEMERIS for the year 2605

DECEMBER 2605

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 38 41	8°20'58	13°14'40	21°13'30	29°05'51	0°R12	17°R47	23°14'48	3°R39	18°04'47	19°R22	14°R43	16°03'10	17°11'17	4°R 4	S 1
M 2	4 42 37	9°21'34	28°47	22°57	1°14' 4	29°05'52	17°11'39	23°55	3°R38	18°49	19°08'21	14°03'38	16° 7	17°24	4°Y 4	M 2
T 3	4 46 34	10°22'10	14°14' 2	24°26	2°16	29°33	17°31	24° 2	3°36	18°50	19°20	14°33	16° 4	17°31	4° 3	T 3
W 4	4 50 30	11°22'48	29°15	25°55	3°28	29°14	17°23	24° 9	3°34	18°52	19°19	14°31	16° 0	17°37	4° 2	W 4
T 5	4 54 27	12°23'28	14°03'17	27°25	4°41	28°56	17°15	24°16	3°32	18°53	19°18	14°D30	15°57	17°44	4° 2	T 5
F 6	4 58 24	13°24'09	28°59	28°56	5°53	28°38	17° 7	24°23	3°31	18°55	19°17	14°31	15°54	17°51	4° 1	F 6
S 7	5 2 20	14°24'50	13°00'16	0°12'28	7° 6	28°21	16°59	24°30	3°29	18°56	19°16	14°32	15°51	17°57	4° 0	S 7
S 8	5 6 17	15°25'33	27° 8	2° 0	8°18	28° 5	16°51	24°37	3°27	18°58	19°15	14°34	15°48	18° 4	4° 0	S 8
M 9	5 10 13	16°26'16	10°14'34	3°32	9°31	27°49	16°42	24°44	3°26	18°59	19°14	14°R35	15°44	18°11	4° 0	M 9
T 10	5 14 10	17°27'01	23°36	5° 5	10°44	27°34	16°34	24°51	3°24	19° 1	19°13	14°35	15°41	18°17	3°59	T 10
W 11	5 18 6	18°27'46	6°19'19	6°37	11°57	27°20	16°26	24°58	3°23	19° 2	19°12	14°33	15°38	18°24	3°59	W 11
T 12	5 22 3	19°28'32	18°45	8°10	13°10	27° 6	16°18	25° 5	3°21	19° 3	19°11	14°31	15°35	18°31	3°59	T 12
F 13	5 25 59	20°29'20	0°05'58	9°43	14°23	26°53	16°10	25°12	3°20	19° 4	19°10	14°27	15°32	18°37	3°59	F 13
S 14	5 29 56	21°30'08	13° 1	11°17	15°36	26°41	16° 2	25°19	3°18	19° 6	19° 9	14°23	15°29	18°44	3°59	S 14
S 15	5 33 53	22°30'57	24°57	12°50	16°49	26°30	15°54	25°26	3°17	19° 7	19° 8	14°19	15°25	18°51	3°D58	S 15
M 16	5 37 49	23°31'48	6°11'48	14°23	18° 2	26°19	15°46	25°34	3°16	19° 8	19° 7	14°16	15°22	18°57	3°58	M 16
T 17	5 41 46	24°32'39	18°37	15°57	19°16	26°10	15°38	25°41	3°14	19° 9	19° 6	14°13	15°19	19° 4	3°59	T 17
W 18	5 45 42	25°33'31	0°02'26	17°30	20°29	26° 1	15°30	25°48	3°13	19°10	19° 6	14°12	15°16	19°11	3°59	W 18
T 19	5 49 39	26°34'24	12°16	19° 4	21°42	25°53	15°22	25°55	3°12	19°12	19° 5	14°D11	15°13	19°17	3°59	T 19
F 20	5 53 35	27°35'18	24°11	20°37	22°56	25°45	15°14	26° 2	3°11	19°13	19° 4	14°11	15°10	19°24	3°59	F 20
S 21	5 57 32	28°36'14	6°01'11	22°11	24° 9	25°39	15° 6	26° 9	3°10	19°14	19° 3	14°12	15° 6	19°31	3°59	S 21
S 22	6 1 28	29°37'10	18°21	23°44	25°23	25°33	14°58	26°16	3° 9	19°15	19° 2	14°13	15° 3	19°37	4° 0	S 22
M 23	6 5 25	0°38'07	0°14'42	25°18	26°36	25°28	14°51	26°23	3° 8	19°16	19° 1	14°15	15° 0	19°44	4° 0	M 23
T 24	6 9 22	1°39'05	13°20	26°52	27°50	25°24	14°43	26°30	3° 7	19°17	19° 1	14°16	14°57	19°50	4° 1	T 24
W 25	6 13 18	2°40'05	26°16	28°26	29° 4	25°21	14°36	26°37	3° 6	19°18	19° 0	14°16	14°54	19°57	4° 1	W 25
T 26	6 17 15	3°41'05	9°01'35	29°59	0°18'18	25°19	14°28	26°45	3° 5	19°18	18°59	14°R16	14°50	20° 4	4° 2	T 26
F 27	6 21 11	4°42'06	23°18	1°31	1°31	25°17	14°21	26°52	3° 4	19°19	18°58	14°16	14°47	20°10	4° 2	F 27
S 28	6 25 8	5°43'09	7°12'27	3° 8	2°45	25°D17	14°14	26°59	3° 3	19°20	18°58	14°15	14°44	20°17	4° 3	S 28
S 29	6 29 4	6°44'12	22° 0	4°43	3°59	25°17	14° 7	27° 6	3° 3	19°21	18°57	14°14	14°41	20°24	4° 4	S 29
M 30	6 33 1	7°45'16	6°01'53	6°17	5°13	25°17	14° 0	27°13	3° 2	19°22	18°56	14°13	14°38	20°30	4° 4	M 30
T 31	6 36 58	8°46'21	21°14'59	7°05'52	6°12'27	25°01'19	13°11'53	27°14'20	3° 1	19°02	18°55	14°03'13	14°03'35	20°11'37	4°Y 5	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	21s38	20s13	4s33	16s20	1n48	9s31	1n59	21n11	1n 5	22n 0	0s48	21s58	1n15	12n11	0s33	6s 0	1n26
M 2	21 47	23 28	3 44	16 48	1 42	9 56	2 0	21 10	1 8	21 59	0 48	21 58	1 15	12 10	0 33	6 1	1 26
T 3	21 56	25 2	2 39	17 16	1 35	10 20	2 1	21 8	1 11	21 59	0 48	21 59	1 15	12 10	0 32	6 1	1 26
W 4	22 4	24 44	1 22	17 44	1 29	10 44	2 1	21 7	1 13	21 58	0 48	21 59	1 15	12 9	0 32	6 2	1 26
T 5	22 12	22 37	0 1	18 11	1 22	11 8	2 1	21 6	1 16	21 58	0 48	22 0	1 15	12 9	0 32	6 3	1 26
F 6	22 20	19 1	1n19	18 38	1 15	11 32	2 1	21 4	1 19	21 57	0 48	22 0	1 15	12 8	0 32	6 3	1 26
S 7	22 27	14 22	2 31	19 4	1 8	11 55	2 2	21 3	1 21	21 56	0 48	22 0	1 15	12 8	0 32	6 4	1 26
S 8	22 34	9 5	3 33	19 30	1 1	12 19	2 2	21 1	1 23	21 56	0 47	22 1	1 15	12 7	0 32	6 4	1 27
M 9	22 40	3 33	4 21	19 54	0 54	12 42	2 1	21 0	1 26	21 55	0 47	22 1	1 14	12 7	0 32	6 5	1 27
T 10	22 46	1n58	4 54	20 18	0 47	13 4	2 1	20 59	1 28	21 54	0 47	22 1	1 14	12 6	0 32	6 5	1 27
W 11	22 52	7 16	5 11	20 42	0 40	13 27	2 1	20 58	1 30	21 53	0 47	22 2	1 14	12 6	0 32	6 5	1 27
T 12	22 57	12 9	5 13	21 4	0 32	13 49	2 1	20 57	1 32	21 53	0 47	22 2	1 14	12 5	0 32	6 6	1 27
F 13	23 1	16 29	5 1	21 25	0 25	14 11	2 0	20 56	1 34	21 52	0 47	22 2	1 14	12 5	0 32	6 6	1 27
S 14	23 5	20 5	4 36	21 46	0 18	14 33	2 0	20 55	1 36	21 51	0 47	22 3	1 14	12 4	0 32	6 7	1 27
S 15	23 9	22 48	3 59	22 5	0 11	14 54	1 59	20 54	1 38	21 51	0 47	22 3	1 14	12 4	0 32	6 7	1 27
M 16	23 12	24 32	3 12	22 23	0 4	15 15	1 58	20 53	1 40	21 50	0 46	22 3	1 14	12 3	0 32	6 8	1 27
T 17	23 15	25 9	2 17	22 41	0s 3	15 36	1 58	20 53	1 42	21 49	0 46	22 4	1 14	12 3	0 32	6 8	1 27
W 18	23 17	24 37	1 15	22 57	0 10	15 56	1 57	20 52	1 44	21 49	0 46	22 4	1 14	12 3	0 32	6 8	1 27
T 19	23 19	22 58	0 11	23 12	0 17	16 16	1 56	20 52	1 45	21 48	0 46	22 4	1 14	12 2	0 32	6 9	1 27
F 20	23 20	20 18	0s55	23 25	0 24	16 36	1 55	20 52	1 47	21 47	0 46	22 4	1 14	12 2	0 32	6 9	1 27
S 21	23 21	16 45	1 59	23 38	0 30	16 55	1 54	20 52	1 48	21 47	0 46	22 5	1 14	12 1	0 32	6 9	1 27
S 22	23 22	12 27	2 58	23 50	0 37	17 13	1 53	20 52	1 50	21 46	0 45	22 5	1 14	12 1	0 32	6 10	1 27
M 23	23 22	7 35	3 50	24 0	0 43	17 32	1 51	20 52	1 51	21 45	0 45	22 5	1 14	12 1	0 32	6 10	1 27
T 24	23 21	2 20	4 33	24 9	0 49	17 50	1 50	20 52	1 52	21 45	0 45	22 5	1 13	12 1	0 32	6 10	1 27
W 25	23 20	3s 9	5 2	24 16	0 55	18 7	1 49	20 53	1 54	21 44	0 45	22 6	1 13	12 0	0 32	6 11	1 27
T 26	23 19	8 38	5 16	24 23	1 1	18 24	1 47	20 53	1 55	21 43	0 45	22 6	1 13	12 0	0 32	6 11	1 27
F 27	23 17	13 53	5 14	24 28	1 7	18 41	1 46	20 54	1 56	21 43	0 44	22 6	1 13	12 0	0 32	6 11	1 27
S 28	23 14	18 33	4 52	24 32	1 12	18 57	1 44	20 55	1 57	21 42	0 44	22 6	1 13	12 0	0 32	6 12	1 28
S 29	23 11	22 15	4 11	24 34	1 18	19 12	1 42	20 56	1 58	21 41	0 44	22 6	1 13	11 59	0 32	6 12	1 28
M 30	23 8	24 34	3 13	24 36	1 23	19 27	1 41	20 57	1 59	21 41	0 44	22 7	1 13	11 59	0 32	6 12	1 28
T 31	23s 4	25s 7	2s 1	24s35	1s28	19s42	1n39	20n58	2n 0	21n40	0s44	22s 7	1n13	11n59	0s32	6s12	1n28

Julian Day Number = 2672850.5, Delta T = 20m35s

Ecliptic obliquity = 23°21'40, Nutation = 0°00'15

Ayanamsha: Fagan/Bradley = 33°12'55, Lahiri = 32°19'55

## ASTRODIENST EPHEMERIS for the year 2606

JANUARY 2606

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	6 40 54	9♂47'27	7♂ 9	9♂27	7♂41	25♂21	13°R47	27♂27	3°R 1	19♂23	18°R55	14°D13	14♂31	20♂44	4°Y 6	W 1
T 2	6 44 51	10°48'33	22°14	11° 2	8°55	25°25	13♂40	27°34	3♂ 0	19°24	18♂54	14♂13	14°28	20°50	4° 7	T 2
F 3	6 48 47	11°49'40	7♂ 5	12°37	10° 9	25°28	13°34	27°41	3° 0	19°24	18°54	14°13	14°25	20°57	4° 8	F 3
S 4	6 52 44	12°50'46	21°35	14°13	11°24	25°33	13°28	27°48	2°59	19°25	18°53	14°13	14°22	21° 4	4° 9	S 4
S 5	6 56 40	13°51'53	5♂40	15°49	12°38	25°38	13°22	27°55	2°59	19°26	18°52	14°R13	14°19	21°10	4°10	S 5
M 6	7 0 37	14°53'00	19°17	17°25	13°52	25°45	13°16	28° 2	2°59	19°26	18°52	14°13	14°16	21°17	4°12	M 6
T 7	7 4 33	15°54'07	2°Y27	19° 1	15° 6	25°51	13°10	28° 9	2°58	19°27	18°51	14°13	14°12	21°24	4°13	T 7
W 8	7 8 30	16°55'14	15°14	20°38	16°20	25°59	13° 4	28°15	2°58	19°27	18°51	14°D13	14° 9	21°30	4°14	W 8
T 9	7 12 27	17°56'21	27°40	22°14	17°35	26° 7	12°59	28°22	2°58	19°28	18°50	14°13	14° 6	21°37	4°15	T 9
F 10	7 16 23	18°57'27	9♂50	23°52	18°49	26°16	12°54	28°29	2°58	19°28	18°50	14°13	14° 3	21°44	4°17	F 10
S 11	7 20 20	19°58'34	21°49	25°29	20° 3	26°25	12°49	28°36	2°D58	19°28	18°49	14°14	14° 0	21°50	4°18	S 11
S 12	7 24 16	20°59'41	3♂40	27° 7	21°18	26°35	12°44	28°43	2°58	19°29	18°49	14°14	13°56	21°57	4°20	S 12
M13	7 28 13	22° 0'47	15°28	28°45	22°32	26°46	12°39	28°49	2°58	19°29	18°48	14°15	13°53	22° 4	4°21	M13
T 14	7 32 9	23° 1'54	27°16	0♂23	23°46	26°58	12°34	28°56	2°58	19°29	18°48	14°16	13°50	22°10	4°23	T 14
W15	7 36 6	24° 3'00	9♂ 8	2° 1	25° 1	27°10	12°30	29° 3	2°58	19°29	18°48	14°R16	13°47	22°17	4°24	W15
T 16	7 40 2	25° 4'07	21° 4	3°40	26°15	27°22	12°26	29°10	2°58	19°30	18°47	14°16	13°44	22°24	4°26	T 16
F 17	7 43 59	26° 5'13	3♂ 9	5°19	27°30	27°35	12°22	29°16	2°59	19°30	18°47	14°16	13°41	22°30	4°28	F 17
S 18	7 47 56	27° 6'19	15°22	6°58	28°44	27°49	12°18	29°23	2°59	19°30	18°46	14°14	13°37	22°37	4°30	S 18
S 19	7 51 52	28° 7'25	27°46	8°37	29°59	28° 3	12°14	29°29	2°59	19°30	18°46	14°13	13°34	22°44	4°32	S 19
M20	7 55 49	29° 8'31	10♂22	10°16	1♂13	28°18	12°11	29°36	3° 0	19°30	18°46	14°10	13°31	22°50	4°33	M20
T 21	7 59 45	0♂ 9'37	23°11	11°55	2°28	28°33	12° 7	29°42	3° 0	19°R30	18°46	14° 8	13°28	22°57	4°35	T 21
W22	8 3 42	1°10'42	6♂15	13°34	3°42	28°49	12° 4	29°49	3° 1	19°30	18°45	14° 6	13°25	23° 4	4°37	W22
T 23	8 7 38	2°11'48	19°35	15°12	4°57	29° 5	12° 2	29°55	3° 1	19°30	18°45	14° 5	13°22	23°10	4°39	T 23
F 24	8 11 35	3°12'54	3♂13	16°50	6°11	29°22	11°59	0♂ 1	3° 2	19°30	18°45	14°D 4	13°18	23°17	4°41	F 24
S 25	8 15 31	4°14'00	17° 8	18°27	7°26	29°39	11°56	0° 8	3° 3	19°30	18°45	14° 5	13°15	23°23	4°44	S 25
S 26	8 19 28	5°15'05	1♂22	20° 4	8°41	29°56	11°54	0°14	3° 3	19°30	18°45	14° 6	13°12	23°30	4°46	S 26
M27	8 23 25	6°16'11	15°51	21°39	9°55	0♂14	11°52	0°20	3° 4	19°29	18°44	14° 7	13° 9	23°37	4°48	M27
T 28	8 27 21	7°17'17	0♂33	23°13	11°10	0°33	11°50	0°26	3° 5	19°29	18°44	14° 9	13° 6	23°43	4°50	T 28
W29	8 31 18	8°18'22	15°22	24°45	12°25	0°52	11°49	0°33	3° 6	19°29	18°44	14°R 9	13° 2	23°50	4°52	W29
T 30	8 35 14	9°19'26	0♂12	26°14	13°39	1°11	11°47	0°39	3° 7	19°29	18°44	14° 8	12°59	23°57	4°55	T 30
F 31	8 39 11	10°20'31	14♂55	27°41	14♂54	1♂31	11♂46	0♂45	3♂ 8	19♂28	18♂44	14♂ 6	12♂56	24♂ 3	4°Y57	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	23s 0	23s49	0s39	24s34	1s33	19s56	1n37	21n 0	2n 1	21n40	0s44	22s 7	1n13	11n59	0s32	6s13	1n28
T 2	22 55	20 48	0n45	24 31	1 37	20 9	1 35	21 1	2 2	21 39	0 43	22 7	1 13	11 59	0 32	6 13	1 28
F 3	22 50	16 26	2 4	24 27	1 41	20 22	1 33	21 3	2 3	21 38	0 43	22 7	1 13	11 59	0 32	6 13	1 28
S 4	22 45	11 12	3 13	24 21	1 45	20 34	1 31	21 5	2 3	21 38	0 43	22 8	1 13	11 58	0 32	6 13	1 28
S 5	22 39	5 32	4 9	24 14	1 49	20 46	1 29	21 7	2 4	21 37	0 43	22 8	1 13	11 58	0 32	6 13	1 28
M 6	22 32	0n12	4 49	24 5	1 52	20 57	1 27	21 9	2 5	21 37	0 42	22 8	1 13	11 58	0 31	6 13	1 28
T 7	22 25	5 44	5 11	23 55	1 56	21 8	1 25	21 11	2 5	21 36	0 42	22 8	1 13	11 58	0 31	6 14	1 28
W 8	22 18	10 52	5 18	23 44	1 58	21 18	1 22	21 13	2 6	21 36	0 42	22 8	1 13	11 58	0 31	6 14	1 28
T 9	22 10	15 25	5 9	23 31	2 1	21 27	1 20	21 16	2 6	21 35	0 42	22 8	1 13	11 58	0 31	6 14	1 28
F 10	22 2	19 15	4 47	23 17	2 3	21 36	1 18	21 18	2 7	21 35	0 42	22 8	1 13	11 58	0 31	6 14	1 28
S 11	21 53	22 13	4 12	23 1	2 5	21 44	1 15	21 21	2 7	21 35	0 41	22 8	1 13	11 58	0 31	6 14	1 28
S 12	21 44	24 12	3 27	22 44	2 7	21 52	1 13	21 24	2 8	21 34	0 41	22 8	1 13	11 58	0 31	6 14	1 28
M13	21 34	25 7	2 33	22 26	2 8	21 59	1 11	21 27	2 8	21 34	0 41	22 8	1 13	11 58	0 31	6 14	1 28
T 14	21 24	24 53	1 33	22 6	2 8	22 5	1 8	21 30	2 8	21 33	0 41	22 9	1 13	11 58	0 31	6 14	1 28
W15	21 14	23 31	0 29	21 44	2 9	22 11	1 6	21 33	2 9	21 33	0 41	22 9	1 13	11 58	0 31	6 14	1 29
T 16	21 3	3 21	6s38	21 21	2 9	22 16	1 3	21 36	2 9	21 33	0 40	22 9	1 13	11 58	0 31	6 14	1 29
F 17	20 52	17 43	1 43	20 57	2 8	22 20	1 0	21 39	2 9	21 32	0 40	22 9	1 13	11 59	0 31	6 14	1 29
S 18	20 40	13 34	2 44	20 31	2 7	22 23	0 58	21 43	2 10	21 32	0 40	22 9	1 13	11 59	0 31	6 14	1 29
S 19	20 28	8 47	3 38	20 4	2 5	22 26	0 55	21 46	2 10	21 32	0 40	22 9	1 13	11 59	0 31	6 14	1 29
M20	20 16	3 36	4 23	19 35	2 3	22 29	0 53	21 50	2 10	21 32	0 39	22 9	1 13	11 59	0 31	6 14	1 29
T 21	20 3	1s50	4 55	19 6	2 1	22 30	0 50	21 53	2 10	21 31	0 39	22 9	1 13	11 59	0 31	6 14	1 29
W22	19 50	7 16	5 13	18 34	1 57	22 31	0 47	21 57	2 10	21 31	0 39	22 9	1 13	11 59	0 31	6 14	1 29
T 23	19 36	12 29	5 15	18 2	1 54	22 32	0 44	22 1	2 10	21 31	0 39	22 9	1 13	12 0	0 31	6 14	1 29
F 24	19 22	17 13	4 59	17 28	1 49	22 31	0 42	22 4	2 11	21 31	0 38	22 9	1 13	12 0	0 31	6 14	1 29
S 25	19 8	21 8	4 25	16 54	1 44	22 30	0 39	22 8	2 11	21 31	0 38	22 9	1 13	12 0	0 31	6 14	1 29
S 26	18 54	23 52	3 35	16 18	1 38	22 28	0 36	22 12	2 11	21 31	0 38	22 9	1 13	12 0	0 31	6 14	1 29
M27	18 39	25 6	2 30	15 41	1 31	22 26	0 34	22 16	2 11	21 31	0 38	22 9	1 13	12 1	0 31	6 13	1 29
T 28	18 23	24 36	1 14	15 3	1 24	22 23	0 31	22 20	2 11	21 31	0 38	22 9	1 13	12 1	0 31	6 13	1 29
W29	18 8	22 22	0n 7	14 25	1 16	22 19	0 28	22 24	2 11	21 31	0 37	22 9	1 13	12 1	0 31	6 13	1 29
T 30	17 52	18 37	1 27	13 46	1 7	22 15	0 25	22 28	2 11	21 31	0 37	22 9	1 13	12 2	0 31	6 13	1 29
F 31	17s35	13s44	2n41	13s 7	0s57	22s10	0n22	22n32	2n11	21n31	0s37	22s 9	1n13	12n 2	0s31	6s13	1n29

Julian Day Number = 2672881.5, Delta T = 20m35s

Ecliptic obliquity = 23°21'40, Nutation = 0°00'17

Ayanamsha: Fagan/Bradley = 33°12'59, Lahiri = 32°19'59

## ASTRODIENST EPHEMERIS for the year 2606

FEBRUARY 2606

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 43 7	11 <sup>21</sup> 34	29 <sup>22</sup> 24	29 <sup>22</sup> 5	16 <sup>28</sup> 9	1 <sup>11</sup> 51	11 <sup>10</sup> 45	0 <sup>23</sup> 51	3 <sup>38</sup> 9	19 <sup>20</sup> 28	18 <sup>44</sup> 44	14 <sup>10</sup> 3	12 <sup>23</sup> 53	24 <sup>11</sup> 10	5 <sup>19</sup> 0	S 1
S 2	8 47 4	12 <sup>22</sup> 37	13 <sup>31</sup> 31	0 <sup>25</sup> 25	17 <sup>24</sup>	2 <sup>12</sup>	11 <sup>11</sup> 44	0 <sup>57</sup>	3 <sup>10</sup>	19 <sup>22</sup> 28	18 <sup>44</sup> 44	13 <sup>58</sup>	12 <sup>50</sup>	24 <sup>17</sup>	5 <sup>2</sup>	S 2
M 3	8 51 0	13 <sup>23</sup> 38	27 <sup>15</sup>	1 <sup>41</sup>	18 <sup>38</sup>	2 <sup>33</sup>	11 <sup>43</sup>	1 <sup>3</sup>	3 <sup>11</sup>	19 <sup>27</sup>	18 <sup>44</sup> 44	13 <sup>54</sup>	12 <sup>47</sup>	24 <sup>23</sup>	5 <sup>5</sup>	M 3
T 4	8 54 57	14 <sup>24</sup> 39	10 <sup>33</sup>	2 <sup>51</sup>	19 <sup>53</sup>	2 <sup>54</sup>	11 <sup>43</sup>	1 <sup>8</sup>	3 <sup>12</sup>	19 <sup>27</sup>	18 <sup>44</sup>	13 <sup>49</sup>	12 <sup>43</sup>	24 <sup>30</sup>	5 <sup>7</sup>	T 4
W 5	8 58 54	15 <sup>25</sup> 39	23 <sup>25</sup>	3 <sup>56</sup>	21 <sup>8</sup>	3 <sup>16</sup>	11 <sup>43</sup>	1 <sup>14</sup>	3 <sup>13</sup>	19 <sup>26</sup>	18 <sup>44</sup>	13 <sup>46</sup>	12 <sup>40</sup>	24 <sup>37</sup>	5 <sup>10</sup>	W 5
T 6	9 2 50	16 <sup>26</sup> 38	5 <sup>56</sup>	4 <sup>53</sup>	22 <sup>22</sup>	3 <sup>38</sup>	11 <sup>43</sup>	1 <sup>20</sup>	3 <sup>15</sup>	19 <sup>26</sup>	18 <sup>44</sup>	13 <sup>44</sup>	12 <sup>37</sup>	24 <sup>43</sup>	5 <sup>12</sup>	T 6
F 7	9 6 47	17 <sup>27</sup> 35	18 <sup>8</sup>	5 <sup>43</sup>	23 <sup>37</sup>	4 <sup>1</sup>	11 <sup>43</sup>	1 <sup>26</sup>	3 <sup>16</sup>	19 <sup>25</sup>	18 <sup>44</sup>	13 <sup>43</sup>	12 <sup>34</sup>	24 <sup>50</sup>	5 <sup>15</sup>	F 7
S 8	9 10 43	18 <sup>28</sup> 32	0 <sup>11</sup> 7	6 <sup>25</sup>	24 <sup>52</sup>	4 <sup>23</sup>	11 <sup>43</sup>	1 <sup>31</sup>	3 <sup>17</sup>	19 <sup>25</sup>	18 <sup>44</sup>	13 <sup>44</sup>	12 <sup>31</sup>	24 <sup>57</sup>	5 <sup>18</sup>	S 8
S 9	9 14 40	19 <sup>29</sup> 27	11 <sup>58</sup>	6 <sup>57</sup>	26 <sup>7</sup>	4 <sup>46</sup>	11 <sup>44</sup>	1 <sup>37</sup>	3 <sup>19</sup>	19 <sup>24</sup>	18 <sup>45</sup>	13 <sup>45</sup>	12 <sup>28</sup>	25 <sup>3</sup>	5 <sup>20</sup>	S 9
M10	9 18 36	20 <sup>30</sup> 22	23 <sup>45</sup>	7 <sup>19</sup>	27 <sup>21</sup>	5 <sup>10</sup>	11 <sup>45</sup>	1 <sup>42</sup>	3 <sup>20</sup>	19 <sup>23</sup>	18 <sup>45</sup>	13 <sup>47</sup>	12 <sup>24</sup>	25 <sup>10</sup>	5 <sup>23</sup>	M10
T 11	9 22 33	21 <sup>31</sup> 15	5 <sup>34</sup>	7 <sup>31</sup>	28 <sup>36</sup>	5 <sup>34</sup>	11 <sup>46</sup>	1 <sup>48</sup>	3 <sup>22</sup>	19 <sup>23</sup>	18 <sup>45</sup>	13 <sup>49</sup>	12 <sup>21</sup>	25 <sup>17</sup>	5 <sup>26</sup>	T 11
W12	9 26 29	22 <sup>32</sup> 07	17 <sup>28</sup>	7 <sup>32</sup>	29 <sup>51</sup>	5 <sup>58</sup>	11 <sup>47</sup>	1 <sup>53</sup>	3 <sup>23</sup>	19 <sup>22</sup>	18 <sup>45</sup>	13 <sup>49</sup>	12 <sup>18</sup>	25 <sup>23</sup>	5 <sup>29</sup>	W12
T 13	9 30 26	23 <sup>32</sup> 57	29 <sup>32</sup>	7 <sup>21</sup>	1 <sup>8</sup> 6	6 <sup>22</sup>	11 <sup>49</sup>	1 <sup>58</sup>	3 <sup>25</sup>	19 <sup>21</sup>	18 <sup>45</sup>	13 <sup>47</sup>	12 <sup>15</sup>	25 <sup>30</sup>	5 <sup>32</sup>	T 13
F 14	9 34 23	24 <sup>33</sup> 47	11 <sup>48</sup>	7 <sup>0</sup>	2 <sup>21</sup>	6 <sup>46</sup>	11 <sup>50</sup>	2 <sup>3</sup>	3 <sup>27</sup>	19 <sup>20</sup>	18 <sup>46</sup>	13 <sup>44</sup>	12 <sup>12</sup>	25 <sup>37</sup>	5 <sup>35</sup>	F 14
S 15	9 38 19	25 <sup>34</sup> 35	24 <sup>17</sup>	6 <sup>27</sup>	3 <sup>35</sup>	7 <sup>11</sup>	11 <sup>52</sup>	2 <sup>9</sup>	3 <sup>28</sup>	19 <sup>20</sup>	18 <sup>46</sup>	13 <sup>39</sup>	12 <sup>8</sup>	25 <sup>43</sup>	5 <sup>38</sup>	S 15
S 16	9 42 16	26 <sup>35</sup> 22	7 <sup>11</sup> 1	5 <sup>45</sup>	4 <sup>50</sup>	7 <sup>36</sup>	11 <sup>54</sup>	2 <sup>14</sup>	3 <sup>30</sup>	19 <sup>19</sup>	18 <sup>46</sup>	13 <sup>32</sup>	12 <sup>5</sup>	25 <sup>50</sup>	5 <sup>41</sup>	S 16
M17	9 46 12	27 <sup>36</sup> 08	19 <sup>58</sup>	4 <sup>54</sup>	6 <sup>5</sup>	8 <sup>2</sup>	11 <sup>56</sup>	2 <sup>19</sup>	3 <sup>32</sup>	19 <sup>18</sup>	18 <sup>47</sup>	13 <sup>24</sup>	12 <sup>2</sup>	25 <sup>56</sup>	5 <sup>44</sup>	M17
T 18	9 50 9	28 <sup>36</sup> 53	3 <sup>4</sup> 9	3 <sup>55</sup>	7 <sup>20</sup>	8 <sup>28</sup>	11 <sup>59</sup>	2 <sup>24</sup>	3 <sup>34</sup>	19 <sup>17</sup>	18 <sup>47</sup>	13 <sup>16</sup>	11 <sup>59</sup>	26 <sup>3</sup>	5 <sup>47</sup>	T 18
W19	9 54 5	29 <sup>37</sup> 37	16 <sup>32</sup>	2 <sup>50</sup>	8 <sup>34</sup>	8 <sup>53</sup>	12 <sup>1</sup>	2 <sup>29</sup>	3 <sup>36</sup>	19 <sup>16</sup>	18 <sup>47</sup>	13 <sup>8</sup>	11 <sup>56</sup>	26 <sup>10</sup>	5 <sup>50</sup>	W19
T 20	9 58 2	0 <sup>38</sup> 20	0 <sup>11</sup> 7	1 <sup>42</sup>	9 <sup>49</sup>	9 <sup>20</sup>	12 <sup>4</sup>	2 <sup>33</sup>	3 <sup>37</sup>	19 <sup>15</sup>	18 <sup>48</sup>	13 <sup>3</sup>	11 <sup>53</sup>	26 <sup>16</sup>	5 <sup>53</sup>	T 20
F 21	10 1 58	1 <sup>39</sup> 02	13 <sup>51</sup>	0 <sup>31</sup>	11 <sup>4</sup>	9 <sup>46</sup>	12 <sup>7</sup>	2 <sup>38</sup>	3 <sup>39</sup>	19 <sup>14</sup>	18 <sup>48</sup>	12 <sup>59</sup>	11 <sup>49</sup>	26 <sup>23</sup>	5 <sup>56</sup>	F 21
S 22	10 5 55	2 <sup>39</sup> 43	27 <sup>45</sup>	29 <sup>20</sup>	12 <sup>19</sup>	10 <sup>13</sup>	12 <sup>10</sup>	2 <sup>43</sup>	3 <sup>41</sup>	19 <sup>13</sup>	18 <sup>48</sup>	12 <sup>57</sup>	11 <sup>46</sup>	26 <sup>30</sup>	5 <sup>59</sup>	S 22
S 23	10 9 52	3 <sup>40</sup> 23	11 <sup>48</sup>	28 <sup>11</sup>	13 <sup>34</sup>	10 <sup>39</sup>	12 <sup>14</sup>	2 <sup>48</sup>	3 <sup>43</sup>	19 <sup>12</sup>	18 <sup>49</sup>	12 <sup>57</sup>	11 <sup>43</sup>	26 <sup>36</sup>	6 <sup>2</sup>	S 23
M24	10 13 48	4 <sup>41</sup> 02	25 <sup>59</sup>	27 <sup>6</sup>	14 <sup>48</sup>	11 <sup>6</sup>	12 <sup>17</sup>	2 <sup>52</sup>	3 <sup>46</sup>	19 <sup>11</sup>	18 <sup>49</sup>	12 <sup>58</sup>	11 <sup>40</sup>	26 <sup>43</sup>	6 <sup>5</sup>	M24
T 25	10 17 45	5 <sup>41</sup> 40	10 <sup>31</sup> 7	26 <sup>5</sup>	16 <sup>3</sup>	11 <sup>34</sup>	12 <sup>21</sup>	2 <sup>57</sup>	3 <sup>48</sup>	19 <sup>10</sup>	18 <sup>50</sup>	12 <sup>59</sup>	11 <sup>37</sup>	26 <sup>50</sup>	6 <sup>9</sup>	T 25
W26	10 21 41	6 <sup>42</sup> 17	24 <sup>39</sup>	25 <sup>10</sup>	17 <sup>18</sup>	12 <sup>1</sup>	12 <sup>25</sup>	3 <sup>1</sup>	3 <sup>50</sup>	19 <sup>9</sup>	18 <sup>50</sup>	12 <sup>59</sup>	11 <sup>34</sup>	26 <sup>56</sup>	6 <sup>12</sup>	W26
T 27	10 25 38	7 <sup>42</sup> 53	9 <sup>2</sup>	24 <sup>22</sup>	18 <sup>33</sup>	12 <sup>29</sup>	12 <sup>29</sup>	3 <sup>5</sup>	3 <sup>52</sup>	19 <sup>8</sup>	18 <sup>51</sup>	12 <sup>56</sup>	11 <sup>30</sup>	27 <sup>3</sup>	6 <sup>15</sup>	T 27
F 28	10 29 34	8 <sup>43</sup> 27	23 <sup>21</sup>	23 <sup>41</sup>	19 <sup>48</sup>	12 <sup>11</sup> 57	12 <sup>11</sup> 34	3 <sup>3</sup> 9	3 <sup>54</sup>	19 <sup>7</sup>	18 <sup>51</sup>	12 <sup>51</sup>	11 <sup>27</sup>	27 <sup>11</sup> 10	6 <sup>18</sup>	F 28

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17s19	8s 9	3n44	12s28	0s46	22s 4	0n20	22n36	2n11	21n31	0s37	22s 9	1n13	12n 2	0s31	6s13	1n29	1n53	16s 2	22s37	22s44	24n53	4n18	2n32					
S 2	17 2	2 17	4 30	11 49	0 34	21 57	0 17	22 40	2 11	21 31	0 36	22 9	1 13	12 3	0 31	6 12	1 30	1 54	16 2	22 38	22 45	24 53	4 19	2 32					
M 3	16 45	3n30	5 0	11 11	0 22	21 50	0 14	22 44	2 11	21 31	0 36	22 9	1 13	12 3	0 31	6 12	1 30	1 54	16 1	22 38	22 45	24 52	4 20	2 32					
T 4	16 27	8 57	5 13	10 33	0 8	21 42	0 11	22 48	2 10	21 31	0 36	22 9	1 13	12 4	0 31	6 12	1 30	1 54	16 1	22 39	22 45	24 52	4 21	2 32					
W 5	16 9	13 51	5 9	9 57	0n 6	21 34	0 9	22 52	2 10	21 32	0 36	22 8	1 13	12 4	0 30	6 12	1 30	1 55	16 1	22 39	22 46	24 51	4 22	2 31					
T 6	15 51	18 1	4 50	9 22	0 21	21 25	0 6	22 57	2 10	21 32	0 35	22 8	1 13	12 5	0 30	6 12	1 30	1 55	16 0	22 39	22 46	24 50	4 23	2 31					
F 7	15 33	21 19	4 19	8 49	0 36	21 15	0 3	23 1	2 10	21 32	0 35	22 8	1 13	12 5	0 30	6 11	1 30	1 55	16 0	22 39	22 46	24 50	4 24	2 31					
S 8	15 14	23 38	3 36	8 19	0 53	21 5	0 0	23 5	2 10	21 32	0 35	22 8	1 13	12 6	0 30	6 11	1 30	1 56	15 59	22 39	22 46	24 49	4 24	2 31					
S 9	14 56	24 53	2 45	7 52	1 9	20 54	0s 2	23 9	2 10	21 33	0 35	22 8	1 13	12 6	0 30	6 11	1 30	1 56	15 59	22 39	22 47	24 49	4 25	2 31					
M10	14 36	25 0	1 47	7 27	1 26	20 42	0 5	23 13	2 10	21 33	0 35	22 8	1 13	12 7	0 30	6 10	1 30	1 56	15 59	22 39	22 47	24 48	4 26	2 31					
T 11	14 17	24 0	0 45	7 7	1 44	20 30	0 8	23 17	2 10	21 33	0 34	22 8	1 13	12 7	0 30	6 10	1 30	1 57	15 58	22 39	22 47	24 47	4 27	2 30					
W12	13 57	21 54	0s20	6 51	2 1	20 17	0 10	23 21	2 9	21 34	0 34	22 8	1 13	12 8	0 30	6 10	1 30	1 57	15 58	22 39	22 48	24 47	4 28	2 30					
T 13	13 38	18 48	1 25	6 39	2 17	20 4	0 13	23 25	2 9	21 34	0 34	22 8	1 13	12 8	0 30	6 10	1 30	1 58	15 58	22 39	22 48	24 46	4 29	2 30					
F 14	13 18	14 51	2 26	6 33	2 33	19 50	0 16	23 29	2 9	21 35	0 34	22 8	1 13	12 9	0 30	6 9	1 30	1 58	15 57	22 39	22 48	24 46	4 30	2 30					
S 15	12 57	10 12	3 22	6 31	2 48	19 35	0 18	23 33	2 9	21 35	0 33	22 8	1 13	12 10	0 30	6 9	1 30	1 58	15 57	22 40	22 49	24 45	4 31	2 30					
S 16	12 37	5 4	4 8	6 33	3 2	19 20	0 21	23 37	2 9	21 36	0 33	22 7	1 13	12 10	0 30	6 9	1 30	1 59	15 57	22 41	22 49	24 44	4 32	2 30					
M17	12 16	0s23	4 43	6 41	3 14	19 4	0 23	23 41	2 8	21 36	0 33	22 7	1 13	12 11	0 30	6 8	1 30	1 59	15 56	22 41	22 49	24 44	4 33	2 30					
T 18	11 55	5 53	5 3	6 53	3 24	18 48	0 26	23 45	2 8	21 37	0 33	22 7	1 13	12 11	0 30	6 8	1 30	2 0	15 56	22 42	22 49	24 43	4 34	2 29					
W19	11 34	11 13	5 8	7 8	3 31	18 31	0 28	23 49	2 8	21 37	0 33	22 7	1 13	12 12	0 30	6 7	1 30	2 0	15 56	22 43	22 50	24 42	4 36	2 29					
T 20	11 13	16 4	4 55	7 27	3 37	18 13	0 31	23 53	2 8	21 38	0 32	22 7	1 13	12 13	0 30	6 7	1 30	2 0	15 55	22 43	22 50	24 42	4 37	2 29					
F 21	10 51	20 9	4 25	7 49	3 40	17 56	0 33	23 56	2 7	21 38	0 32	22 7	1 13	12 13	0 30	6 7	1 30	2 1	15 55	22 44	22 50	24 41	4 38	2 29					
S 22	10 30	23 9	3 39	8 13	3 41	17 37	0 35	24 0	2 7	21 39	0 32	22 7	1 13	12 14	0 30	6 6	1 31	2 1	15 55	22 44	22 51	24 40	4 39	2 29					
S 23	10 8	24 46	2 40	8 38	3 39	17 18	0 38	24 4	2 7	21 40	0 32	22 7	1 13	12 15	0 30	6 6	1 31	2 2	15 54	22 44	22 51	24 40	4 40	2 29					
M24	9 46	24 48	1 30	9 4	3 35	16 59	0 40	24 7	2 7	21 40	0 31	22 6	1 13	12 16	0 30	6 5	1 31	2 2	15 54	22 44	22 51	24 39	4 41	2 29					
T 25	9 24	23 12	0 15	9 30	3 29	16 39	0 42	24 11	2 6	21 41	0 31	22 6	1 13	12 16	0 30	6 5	1 31	2 3	15 54	22 44	22 51	24 38	4 42	2 28					
W26	9 1	20 6	1n 2	9 55	3 22	16 18	0 45	24 14	2 6	21 42	0 31	22 6	1 14	12 17	0 30	6 4	1 31	2 3	15 53	22 44	22 52	24 38	4 43	2 28					
T 27	8 39	15 46	2 15	10 20	3 13	15 58	0 47	24 18	2 6	21 43	0 31	22 6	1 14	12 18	0 30	6 4	1 31	2 4	15 53	22 44	22 52	24 37	4 45	2 28					
F 28	8s16	10s33	3n19	10s43	3n 2	15s36	0s49	24n21	2n 5	21n43	0s31	22s 6	1n14	12n19	0s30	6s 3	1n31	2n 4	15s53	22s45	22s52	24n36	4n46	2n28					

## ASTRODIENST EPHEMERIS for the year 2606

MARCH 2606

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 33 31	9 <sup>h</sup> 44'00	7 <sup>h</sup> 32	23°R 7	21 <sup>h</sup> 33	13 <sup>h</sup> 25	12 <sup>h</sup> 38	3 <sup>h</sup> 14	3 <sup>h</sup> 57	19°R 5	18 <sup>h</sup> 52	12°R43	11 <sup>h</sup> 24	27 <sup>h</sup> 16	6 <sup>h</sup> 22	S 1
S 2	10 37 27	10°44'31	21°28	22 <sup>h</sup> 41	22°17	13°53	12°43	3°18	3°59	19 <sup>h</sup> 4	18°53	12 <sup>h</sup> 33	11°21	27°23	6°25	S 2
M 3	10 41 24	11°45'00	5 <sup>h</sup> 5	22°23	23°32	14°22	12°48	3°22	4°1	19°3	18°53	12°23	11°18	27°30	6°28	M 3
T 4	10 45 21	12°45'28	18°20	22°13	24°47	14°50	12°53	3°26	4°4	19°2	18°54	12°12	11°14	27°36	6°32	T 4
W 5	10 49 17	13°45'55	1 <sup>h</sup> 14	22°D 9	26°2	15°19	12°58	3°29	4°6	19°1	18°55	12°3	11°11	27°43	6°35	W 5
T 6	10 53 14	14°46'19	13°46	22°12	27°17	15°48	13°3	3°33	4°9	18°59	18°55	11°57	11°8	27°50	6°39	T 6
F 7	10 57 10	15°46'42	26°0	22°22	28°31	16°17	13°9	3°37	4°11	18°58	18°56	11°52	11°5	27°56	6°42	F 7
S 8	11 1 7	16°47'03	8 <sup>h</sup> 11	22°37	29°46	16°47	13°15	3°40	4°14	18°57	18°57	11°50	11°2	28°3	6°46	S 8
S 9	11 5 3	17°47'21	19°52	22°59	1 <sup>h</sup> 1	17°16	13°20	3°44	4°16	18°55	18°57	11°D49	10°59	28°9	6°49	S 9
M10	11 9 0	18°47'38	1 <sup>h</sup> 24	23°25	2°16	17°46	13°27	3°47	4°19	18°54	18°58	11°50	10°55	28°16	6°52	M10
T 11	11 12 56	19°47'53	13°29	23°57	3°30	18°16	13°33	3°51	4°22	18°53	18°59	11°R50	10°52	28°23	6°56	T 11
W12	11 16 53	20°48'06	25°26	24°33	4°45	18°46	13°39	3°54	4°24	18°51	19°0	11°49	10°49	28°29	6°59	W12
T 13	11 20 50	21°48'17	7 <sup>h</sup> 23	25°13	6°0	19°16	13°46	3°57	4°27	18°50	19°0	11°46	10°46	28°36	7°3	T 13
F 14	11 24 46	22°48'26	19°59	25°57	7°15	19°46	13°52	4°0	4°30	18°48	19°1	11°41	10°43	28°43	7°7	F 14
S 15	11 28 43	23°48'33	2 <sup>h</sup> 42	26°45	8°29	20°17	13°59	4°3	4°32	18°47	19°2	11°32	10°39	28°49	7°10	S 15
S 16	11 32 39	24°48'38	15°44	27°36	9°44	20°47	14°6	4°6	4°35	18°45	19°3	11°22	10°36	28°56	7°14	S 16
M17	11 36 36	25°48'42	29°4	28°30	10°59	21°18	14°13	4°9	4°38	18°44	19°4	11°10	10°33	29°3	7°17	M17
T 18	11 40 32	26°48'43	12 <sup>h</sup> 40	29°28	12°13	21°49	14°21	4°11	4°41	18°42	19°5	10°57	10°30	29°9	7°21	T 18
W19	11 44 29	27°48'43	26°30	0 <sup>h</sup> 28	13°28	22°20	14°28	4°14	4°44	18°41	19°6	10°46	10°27	29°16	7°24	W19
T 20	11 48 25	28°48'41	10 <sup>h</sup> 29	1°30	14°43	22°51	14°36	4°16	4°47	18°39	19°6	10°36	10°24	29°23	7°28	T 20
F 21	11 52 22	29°48'37	24°33	2°36	15°58	23°22	14°44	4°19	4°50	18°38	19°7	10°30	10°20	29°29	7°32	F 21
S 22	11 56 18	0 <sup>h</sup> 48'32	8 <sup>h</sup> 40	3°43	17°12	23°53	14°51	4°21	4°53	18°36	19°8	10°26	10°17	29°36	7°35	S 22
S 23	12 0 15	1°48'25	22°46	4°53	18°27	24°25	15°0	4°23	4°56	18°35	19°9	10°25	10°14	29°43	7°39	S 23
M24	12 4 12	2°48'17	6 <sup>h</sup> 32	6°4	19°42	24°56	15°8	4°25	4°59	18°33	19°10	10°24	10°11	29°49	7°42	M24
T 25	12 8 8	3°48'07	20°56	7°18	20°56	25°28	15°16	4°27	5°2	18°32	19°11	10°24	10°8	29°56	7°46	T 25
W26	12 12 5	4°47'56	4 <sup>h</sup> 58	8°33	22°11	25°59	15°24	4°29	5°5	18°30	19°12	10°23	10°5	0 <sup>h</sup> 2	7°50	W26
T 27	12 16 1	5°47'42	18°55	9°51	23°25	26°31	15°33	4°31	5°8	18°28	19°13	10°19	10°1	0°9	7°53	T 27
F 28	12 19 58	6°47'27	2 <sup>h</sup> 48	11°10	24°40	27°3	15°42	4°33	5°11	18°27	19°14	10°12	9°58	0°16	7°57	F 28
S 29	12 23 54	7°47'10	16°32	12°30	25°55	27°35	15°51	4°35	5°14	18°25	19°15	10°2	9°55	0°22	8°0	S 29
S 30	12 27 51	8°46'52	0 <sup>h</sup> 47	13°52	27°9	28°7	16°0	4°36	5°17	18°24	19°16	9°50	9°52	0°29	8°4	S 30
M31	12 31 47	9°46'31	13°47	15°16	28°24	28°39	16°11	4°38	5°20	18°22	19°18	9°36	9°34	0°36	8°8	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	7s54	4s51	4n10	11s 4	2n51	15s14	0s51	24n24	2n 5	21n44	0s30	22s 6	1n14	12n19	0s30	6s 3
S 2	7 31	0n59	4 44	11 24	2 39	14 52	0 53	24 27	2 5	21 45	0 30	22 6	1 14	12 20	0 30	6 3
M 3	7 8	6 38	5 2	11 42	2 26	14 30	0 55	24 31	2 5	21 46	0 30	22 5	1 14	12 21	0 30	6 2
T 4	6 45	11 50	5 3	11 58	2 13	14 7	0 57	24 34	2 4	21 47	0 30	22 5	1 14	12 22	0 30	6 2
W 5	6 22	16 22	4 48	12 11	2 0	13 43	0 59	24 37	2 4	21 47	0 30	22 5	1 14	12 23	0 30	6 1
T 6	5 59	20 2	4 19	12 23	1 46	13 20	1 1	24 39	2 4	21 48	0 29	22 5	1 14	12 24	0 30	6 0
F 7	5 35	22 45	3 39	12 33	1 33	12 55	1 2	24 42	2 3	21 49	0 29	22 5	1 14	12 25	0 30	6 0
S 8	5 12	24 22	2 50	12 40	1 20	12 31	1 4	24 45	2 3	21 50	0 29	22 5	1 14	12 25	0 30	5 59
S 9	4 49	24 53	1 55	12 46	1 7	12 6	1 6	24 47	2 3	21 51	0 29	22 5	1 14	12 26	0 30	5 59
M10	4 25	24 15	0 54	12 49	0 54	11 41	1 7	24 50	2 2	21 52	0 29	22 4	1 14	12 27	0 30	5 58
T 11	4 2	22 32	0s 9	12 51	0 41	11 16	1 9	24 52	2 2	21 53	0 28	22 4	1 14	12 28	0 30	5 58
W12	3 38	19 48	1 12	12 50	0 29	10 50	1 10	24 54	2 2	21 54	0 28	22 4	1 14	12 29	0 29	5 57
T 13	3 14	16 11	2 13	12 48	0 17	10 24	1 12	24 57	2 1	21 55	0 28	22 4	1 14	12 30	0 29	5 57
F 14	2 51	11 47	3 8	12 44	0 6	9 57	1 13	24 59	2 1	21 56	0 28	22 4	1 14	12 31	0 29	5 56
S 15	2 27	6 49	3 56	12 39	0s 5	9 31	1 15	25 1	2 1	21 57	0 28	22 4	1 14	12 32	0 29	5 56
S 16	2 3	1 26	4 32	12 31	0 16	9 4	1 16	25 2	2 0	21 58	0 27	22 4	1 14	12 33	0 29	5 55
M17	1 40	4s 8	4 55	12 22	0 27	8 37	1 17	25 4	2 0	21 59	0 27	22 3	1 14	12 34	0 29	5 54
T 18	1 16	9 37	5 1	12 12	0 36	8 10	1 18	25 6	1 59	22 0	0 27	22 3	1 15	12 35	0 29	5 54
W19	0 52	14 42	4 50	11 59	0 46	7 42	1 19	25 7	1 59	22 1	0 27	22 3	1 15	12 36	0 29	5 53
T 20	0 28	19 3	4 22	11 46	0 55	7 14	1 20	25 9	1 59	22 2	0 27	22 3	1 15	12 37	0 29	5 53
F 21	0 5	22 21	3 37	11 30	1 4	6 46	1 21	25 10	1 58	22 3	0 26	22 3	1 15	12 38	0 29	5 52
S 22	0n19	24 18	2 40	11 14	1 12	6 18	1 22	25 11	1 58	22 4	0 26	22 3	1 15	12 39	0 29	5 51
S 23	0 43	24 42	1 32	10 56	1 20	5 50	1 23	25 12	1 58	22 5	0 26	22 3	1 15	12 40	0 29	5 51
M24	1 7	23 30	0 19	10 36	1 27	5 21	1 24	25 13	1 57	22 6	0 26	22 2	1 15	12 41	0 29	5 50
T 25	1 30	20 49	0n55	10 16	1 34	4 53	1 24	25 14	1 57	22 7	0 26	22 2	1 15	12 42	0 29	5 50
W26	1 54	16 55	2 6	9 53	1 41	4 24	1 25	25 14	1 56	22 9	0 26	22 2	1 15	12 43	0 29	5 49
T 27	2 18	12 7	3 9	9 30	1 47	3 55	1 26	25 15	1 56	22 10	0 25	22 2	1 15	12 44	0 29	5 48
F 28	2 41	6 43	3 59	9 5	1 52	3 26	1 26	25 15	1 56	22 11	0 25	22 2	1 15	12 45	0 29	5 48
S 29	3 5	1 4	4 36	8 39	1 57	2 57	1 27	25 16	1 55	22 12	0 25	22 2	1 15	12 46	0 29	5 47
S 30	3 28	4n33	4 56	8 12	2 2	2 28	1 27	25 16	1 55	22 13	0 25	22 2	1 15	12 47	0 29	5 46
M31	3n52	9n52	4n59	7s44	2s 6	1s58	1s27	25n16	1n55	22n14	0s25	22s 2	1n15	12n48	0s29	5s46

Julian Day Number = 2672940.5, Delta T = 20m36s

Ecliptic obliquity = 23°21'40, Nutation = 0°00'18

Ayanamsha: Fagan/Bradley = 33°13'07, Lahiri = 32°20'07

# ASTRODIENST EPHEMERIS for the year 2606

APRIL 2606

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 35 44	10°46'09	26°42'	16°42'	29°43'	29°43'	16°18'	4°39'	5°23'	18°20'	19°19'	9°23'	9°45'	0°42'	8°11'	T 1
W 2	12 39 41	11°45'44	9°10'	18° 8'	0°53'	29°44'	16°27'	4°40'	5°27'	18°19'	19°20'	9°11'	9°42'	0°49'	8°15'	W 2
T 3	12 43 37	12°45'17	21°38'	19°37'	2° 8'	0°51'	16°37'	4°41'	5°30'	18°17'	19°21'	9° 2'	9°39'	0°56'	8°19'	T 3
F 4	12 47 34	13°44'48	3°11'50	21° 6'	3°22'	0°49'	16°46'	4°42'	5°33'	18°15'	19°22'	8°55'	9°36'	1° 2'	8°22'	F 4
S 5	12 51 30	14°44'17	15°49'	22°38'	4°37'	1°22'	16°56'	4°43'	5°36'	18°14'	19°23'	8°51'	9°33'	1° 9'	8°26'	S 5
S 6	12 55 27	15°43'44	27°40'	24°10'	5°51'	1°55'	17° 6'	4°44'	5°40'	18°12'	19°24'	8°49'	9°30'	1°16'	8°29'	S 6
M 7	12 59 23	16°43'09	9°28'	25°44'	7° 6'	2°28'	17°16'	4°45'	5°43'	18°10'	19°25'	8°D49	9°26'	1°22'	8°33'	M 7
T 8	13 3 20	17°42'31	21°17'	27°19'	8°20'	3° 1'	17°26'	4°45'	5°46'	18° 9'	19°27'	8°R49	9°23'	1°29'	8°37'	T 8
W 9	13 7 16	18°41'51	3°14'	28°56'	9°35'	3°34'	17°36'	4°46'	5°50'	18° 7'	19°28'	8°48'	9°20'	1°35'	8°40'	W 9
T 10	13 11 13	19°41'08	15°25'	0°34'	10°49'	4° 7'	17°46'	4°46'	5°53'	18° 5'	19°29'	8°46'	9°17'	1°42'	8°44'	T 10
F 11	13 15 10	20°40'24	27°53'	2°14'	12° 4'	4°40'	17°56'	4°47'	5°56'	18° 4'	19°30'	8°41'	9°14'	1°49'	8°47'	F 11
S 12	13 19 6	21°39'37	10°42'	3°55'	13°18'	5°13'	18° 7'	4°47'	6° 0'	18° 2'	19°31'	8°33'	9°11'	1°55'	8°51'	S 12
S 13	13 23 3	22°38'48	23°55'	5°37'	14°33'	5°46'	18°17'	4°47'	6° 3'	18° 0'	19°33'	8°24'	9° 7'	2° 2'	8°54'	S 13
M14	13 26 59	23°37'56	7°31'	7°21'	15°47'	6°20'	18°28'	4°R47	6° 6'	17°59'	19°34'	8°12'	9° 4'	2° 9'	8°58'	M14
T 15	13 30 56	24°37'03	21°28'	9° 6'	17° 2'	6°53'	18°39'	4°47'	6°10'	17°57'	19°35'	8° 1'	9° 1'	2°15'	9° 2'	T 15
W16	13 34 52	25°36'08	5°43'	10°52'	18°16'	7°26'	18°49'	4°47'	6°13'	17°56'	19°36'	7°50'	8°58'	2°22'	9° 5'	W16
T 17	13 38 49	26°35'10	20° 9'	12°40'	19°30'	8° 0'	19° 0'	4°47'	6°16'	17°54'	19°38'	7°41'	8°55'	2°29'	9° 9'	T 17
F 18	13 42 45	27°34'11	4°39'	14°30'	20°45'	8°34'	19°11'	4°46'	6°20'	17°52'	19°39'	7°35'	8°51'	2°35'	9°12'	F 18
S 19	13 46 42	28°33'10	19° 8'	16°21'	21°59'	9° 7'	19°22'	4°46'	6°23'	17°51'	19°40'	7°31'	8°48'	2°42'	9°16'	S 19
S 20	13 50 39	29°32'08	3°32'	18°13'	23°13'	9°41'	19°34'	4°45'	6°27'	17°49'	19°42'	7°D30	8°45'	2°49'	9°19'	S 20
M21	13 54 35	0°31'04	17°46'	20° 7'	24°28'	10°15'	19°45'	4°45'	6°30'	17°47'	19°43'	7°30'	8°42'	2°55'	9°22'	M21
T 22	13 58 32	1°29'58	1°51'	22° 2'	25°42'	10°49'	19°56'	4°44'	6°34'	17°46'	19°44'	7°R30	8°39'	3° 2'	9°26'	T 22
W23	14 2 28	2°28'50	15°44'	23°59'	26°56'	11°23'	20° 8'	4°43'	6°37'	17°44'	19°45'	7°30'	8°36'	3° 9'	9°29'	W23
T 24	14 6 25	3°27'41	29°27'	25°58'	28°11'	11°56'	20°19'	4°42'	6°40'	17°43'	19°47'	7°27'	8°32'	3°15'	9°33'	T 24
F 25	14 10 21	4°26'29	12°58'	27°57'	29°25'	12°31'	20°31'	4°41'	6°44'	17°41'	19°48'	7°22'	8°29'	3°22'	9°36'	F 25
S 26	14 14 18	5°25'17	26°19'	29°58'	0°39'	13° 5'	20°43'	4°40'	6°47'	17°40'	19°49'	7°14'	8°26'	3°28'	9°39'	S 26
S 27	14 18 14	6°24'02	9°27'	2° 1'	1°53'	13°39'	20°54'	4°39'	6°51'	17°38'	19°51'	7° 4'	8°23'	3°35'	9°43'	S 27
M28	14 22 11	7°22'46	22°23'	4° 4'	3° 8'	14°13'	21° 6'	4°37'	6°54'	17°36'	19°52'	6°53'	8°20'	3°42'	9°46'	M28
T 29	14 26 8	8°21'27	5° 6'	6° 9'	4°22'	14°47'	21°18'	4°36'	6°58'	17°35'	19°53'	6°43'	8°16'	3°48'	9°49'	T 29
W30	14 30 4	9°20'07	17°35'	8°15'	5°36'	15°21'	21°30'	4°35'	7° 1'	17°33'	19°55'	6°33'	8°13'	3°55'	9°53'	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	4n15	14n37	4n47	7s14	2s10	1s29	1s28	25n16	1n54	22n15	0s25	22s 2	1n15	12n49	0s29	5s45
W 2	4 38	18 37	4 21	6 44	2 14	0 59	1 28	25 15	1 54	22 16	0 24	22 1	1 15	12 50	0 29	5 45
T 3	5 1	21 41	3 42	6 12	2 17	0 30	1 28	25 15	1 53	22 17	0 24	22 1	1 15	12 51	0 29	5 44
F 4	5 24	23 42	2 54	5 39	2 19	0 1	1 28	25 14	1 53	22 18	0 24	22 1	1 16	12 52	0 29	5 43
S 5	5 47	24 35	1 59	5 5	2 21	0n29	1 28	25 14	1 53	22 20	0 24	22 1	1 16	12 53	0 29	5 43
S 6	6 10	24 19	0 59	4 30	2 23	0 58	1 28	25 13	1 52	22 21	0 24	22 1	1 16	12 55	0 29	5 42
M 7	6 33	22 58	0s 3	3 53	2 24	1 28	1 28	25 12	1 52	22 22	0 24	22 1	1 16	12 56	0 29	5 41
T 8	6 56	20 36	1 6	3 16	2 24	1 57	1 27	25 11	1 51	22 23	0 23	22 1	1 16	12 57	0 29	5 41
W 9	7 18	17 20	2 6	2 38	2 25	2 27	1 27	25 10	1 51	22 24	0 23	22 1	1 16	12 58	0 29	5 40
T 10	7 41	13 17	3 1	1 59	2 24	2 56	1 27	25 8	1 51	22 25	0 23	22 1	1 16	12 59	0 29	5 39
F 11	8 3	8 35	3 49	1 19	2 24	3 26	1 26	25 7	1 50	22 26	0 23	22 1	1 16	13 0	0 29	5 39
S 12	8 25	3 24	4 27	0 38	2 22	3 55	1 26	25 5	1 50	22 27	0 23	22 1	1 16	13 1	0 29	5 38
S 13	8 47	2s 4	4 52	0n 4	2 21	4 24	1 25	25 3	1 49	22 28	0 23	22 1	1 16	13 2	0 29	5 38
M14	9 9	7 35	5 2	0 47	2 18	4 53	1 25	25 1	1 49	22 29	0 22	22 0	1 16	13 3	0 29	5 37
T 15	9 30	12 53	4 53	1 31	2 16	5 22	1 24	24 59	1 49	22 30	0 22	22 0	1 16	13 5	0 29	5 36
W16	9 52	17 35	4 27	2 15	2 12	5 51	1 23	24 57	1 48	22 32	0 22	22 0	1 16	13 6	0 29	5 36
T 17	10 13	21 19	3 44	3 1	2 9	6 20	1 23	24 55	1 48	22 33	0 22	22 0	1 16	13 7	0 29	5 35
F 18	10 34	23 42	2 45	3 47	2 4	6 48	1 22	24 52	1 47	22 34	0 22	22 0	1 16	13 8	0 29	5 34
S 19	10 56	24 31	1 36	4 34	2 0	7 17	1 21	24 50	1 47	22 35	0 22	22 0	1 16	13 9	0 29	5 34
S 20	11 16	23 40	0 21	5 21	1 55	7 45	1 20	24 47	1 47	22 36	0 22	22 0	1 16	13 10	0 29	5 33
M21	11 37	21 17	0n54	6 9	1 49	8 13	1 19	24 44	1 46	22 37	0 21	22 0	1 16	13 11	0 29	5 33
T 22	11 57	17 38	2 6	6 58	1 43	8 41	1 18	24 41	1 46	22 38	0 21	22 0	1 16	13 12	0 29	5 32
W23	12 18	13 3	3 9	7 47	1 36	9 9	1 17	24 37	1 45	22 39	0 21	22 0	1 17	13 14	0 29	5 31
T 24	12 38	7 52	4 0	8 37	1 29	9 37	1 16	24 34	1 45	22 40	0 21	22 0	1 17	13 15	0 29	5 31
F 25	12 58	2 24	4 37	9 27	1 21	10 4	1 14	24 30	1 44	22 41	0 21	22 0	1 17	13 16	0 29	5 30
S 26	13 17	3n 6	4 59	10 17	1 13	10 31	1 13	24 27	1 44	22 42	0 21	22 0	1 17	13 17	0 29	5 30
S 27	13 37	8 23	5 4	11 7	1 5	10 58	1 12	24 23	1 44	22 43	0 21	22 0	1 17	13 18	0 29	5 30
M28	13 56	13 13	4 53	11 58	0 56	11 25	1 10	24 19	1 43	22 43	0 20	22 0	1 17	13 19	0 29	5 29
T 29	14 15	17 23	4 28	12 48	0 46	11 51	1 9	24 15	1 43	22 44	0 20	22 0	1 17	13 20	0 29	5 28
W30	14n33	20n42	3n50	13n38	0s37	12n17	1s 7	24n11	1n42	22n45	0s20	22s 0	1n17	13n21	0s29	5s27

Julian Day Number = 2672971.5, Delta T = 20m36s  
 Ecliptic obliquity = 23°21'40", Nutation = 0°00'17  
 Ayanamsha: Fagan/Bradley = 33°13'11", Lahiri = 32°20'11

## ASTRODIENST EPHEMERIS for the year 2606

MAY 2606

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 34 1	10°18'45	29°52	10°22	6°50	15°56	21°42	4°R33	7°8	17°R32	19°56	6°R25	8°310	4°2	9°Y56	T 1
F 2	14 37 57	11°17'21	11°157	12°29	8° 5	16°30	21°54	4°331	7° 8	17°30	19°57	6°320	8° 7	4° 8	9°59	F 2
S 3	14 41 54	12°15'56	23°52	14°37	9°19	17° 5	22° 6	4°29	7°11	17°29	19°59	6°17	8° 4	4°15	10° 2	S 3
S 4	14 45 50	13°14'28	5°541	16°45	10°33	17°39	22°19	4°28	7°15	17°27	20° 0	6°D16	8° 1	4°22	10° 5	S 4
M 5	14 49 47	14°12'58	17°28	18°54	11°47	18°14	22°31	4°26	7°18	17°26	20° 1	6°17	7°57	4°28	10° 9	M 5
T 6	14 53 43	15°11'25	29°17	21° 2	13° 1	18°48	22°43	4°24	7°22	17°25	20° 3	6°18	7°54	4°35	10°12	T 6
W 7	14 57 40	16° 9'51	11°14	23°10	14°15	19°23	22°56	4°21	7°25	17°23	20° 4	6°R19	7°51	4°42	10°15	W 7
T 8	15 1 37	17° 8'15	23°23	25°16	15°30	19°57	23° 8	4°19	7°28	17°22	20° 6	6°19	7°48	4°48	10°18	T 8
F 9	15 5 33	18° 6'36	5°1050	27°22	16°44	20°32	23°21	4°17	7°32	17°20	20° 7	6°17	7°45	4°55	10°21	F 9
S 10	15 9 30	19° 4'56	18°40	29°26	17°58	21° 7	23°34	4°14	7°35	17°19	20° 8	6°13	7°42	5° 1	10°24	S 10
S 11	15 13 26	20° 3'13	1°54	1°1129	19°12	21°42	23°46	4°12	7°39	17°18	20°10	6° 8	7°38	5° 8	10°27	S 11
M12	15 17 23	21° 1'29	15°36	3°29	20°26	22°17	23°59	4° 9	7°42	17°16	20°11	6° 1	7°35	5°15	10°30	M12
T 13	15 21 19	21°59'42	29°43	5°28	21°40	22°51	24°12	4° 7	7°45	17°15	20°12	5°54	7°32	5°21	10°33	T 13
W14	15 25 16	22°57'54	14°112	7°23	22°54	23°26	24°25	4° 4	7°49	17°14	20°14	5°48	7°29	5°28	10°36	W14
T 15	15 29 12	23°56'04	28°58	9°16	24° 8	24° 1	24°37	4° 1	7°52	17°13	20°15	5°42	7°26	5°35	10°38	T 15
F 16	15 33 9	24°54'13	13°51	11° 6	25°22	24°36	24°50	3°58	7°55	17°11	20°16	5°39	7°22	5°41	10°41	F 16
S 17	15 37 6	25°52'20	28°44	12°53	26°36	25°11	25° 3	3°55	7°59	17°10	20°18	5°D37	7°19	5°48	10°44	S 17
S 18	15 41 2	26°50'25	13°30	14°37	27°50	25°46	25°16	3°52	8° 2	17° 9	20°19	5°37	7°16	5°55	10°47	S 18
M19	15 44 59	27°48'29	28° 3	16°17	29° 4	26°21	25°29	3°49	8° 5	17° 8	20°21	5°38	7°13	6° 1	10°49	M19
T 20	15 48 55	28°46'32	12°20	17°54	0°118	26°56	25°43	3°46	8° 8	17° 7	20°22	5°40	7°10	6° 8	10°52	T 20
W21	15 52 52	29°44'33	26°18	19°27	1°32	27°32	25°56	3°43	8°12	17° 5	20°23	5°R40	7° 7	6°15	10°55	W21
T 22	15 56 48	0°1142'33	9°17	20°56	2°46	28° 7	26° 9	3°40	8°15	17° 4	20°25	5°40	7° 3	6°21	10°57	T 22
F 23	16 0 45	1°40'32	23°19	22°22	4° 0	28°42	26°22	3°36	8°18	17° 3	20°26	5°38	7° 0	6°28	11° 0	F 23
S 24	16 4 41	2°38'29	6°Y24	23°44	5°14	29°17	26°35	3°33	8°21	17° 2	20°27	5°35	6°57	6°35	11° 2	S 24
S 25	16 8 38	3°36'26	19°14	25° 2	6°28	29°53	26°49	3°29	8°25	17° 1	20°29	5°31	6°54	6°41	11° 5	S 25
M26	16 12 35	4°34'21	1°51	26°16	7°41	0°128	27° 2	3°26	8°28	17° 0	20°30	5°25	6°51	6°48	11° 7	M26
T 27	16 16 31	5°32'14	14°15	27°26	8°55	1° 3	27°16	3°22	8°31	16°59	20°31	5°20	6°48	6°54	11°10	T 27
W28	16 20 28	6°30'07	26°29	28°32	10° 9	1°39	27°29	3°19	8°34	16°58	20°33	5°16	6°44	7° 1	11°12	W28
T 29	16 24 24	7°27'58	8°1133	29°34	11°23	2°14	27°42	3°15	8°37	16°57	20°34	5°12	6°41	7° 8	11°15	T 29
F 30	16 28 21	8°25'48	20°29	0°32	12°37	2°49	27°56	3°11	8°40	16°56	20°35	5°10	6°38	7°14	11°17	F 30
S 31	16 32 17	9°1123'36	2°19	1°26	13°1151	3°125	28°11 9	3°3 7	8°43	16°56	20°37	5°D 9	6°35	7°21	11°Y19	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	14n52	23n 2	3n 2	14n27	0s27	12n43	1s 6	24n 6	1n42	22n46	0s20	22s 0	1n17	13n23	0s29	T 1
F 2	15 10	24 15	2 7	15 16	0 17	13 8	1 4	24 1	1 42	22 47	0 20	22 0	1 17	13 24	0 29	F 2
S 3	15 28	24 19	1 6	16 4	0 6	13 34	1 3	23 57	1 41	22 48	0 20	22 0	1 17	13 25	0 29	S 3
S 4	15 46	23 17	0 3	16 52	0n 5	13 58	1 1	23 52	1 41	22 49	0 20	22 0	1 17	13 26	0 29	S 4
M 5	16 3	21 14	1s 0	17 38	0 15	14 23	0 59	23 47	1 40	22 50	0 19	22 0	1 17	13 27	0 29	M 5
T 6	16 20	18 16	2 1	18 22	0 26	14 47	0 57	23 42	1 40	22 50	0 19	22 0	1 17	13 28	0 29	T 6
W 7	16 37	14 30	2 57	19 6	0 37	15 11	0 56	23 36	1 39	22 51	0 19	22 0	1 17	13 29	0 29	W 7
T 8	16 54	10 6	3 47	19 47	0 47	15 34	0 54	23 31	1 39	22 52	0 19	22 0	1 17	13 30	0 29	T 8
F 9	17 10	5 12	4 27	20 26	0 57	15 57	0 52	23 25	1 39	22 53	0 19	22 0	1 17	13 32	0 29	F 9
S 10	17 26	0s 3	4 55	21 4	1 7	16 20	0 50	23 20	1 38	22 53	0 19	22 0	1 17	13 33	0 29	S 10
S 11	17 42	5 28	5 8	21 39	1 17	16 42	0 48	23 14	1 38	22 54	0 19	22 1	1 17	13 34	0 29	S 11
M12	17 57	10 48	5 5	22 12	1 26	17 4	0 46	23 8	1 37	22 55	0 19	22 1	1 17	13 35	0 29	M12
T 13	18 12	15 45	4 43	22 42	1 35	17 25	0 44	23 1	1 37	22 56	0 18	22 1	1 17	13 36	0 29	T 13
W14	18 27	19 55	4 3	23 10	1 43	17 46	0 42	22 55	1 36	22 56	0 18	22 1	1 17	13 37	0 29	W14
T 15	18 42	22 53	3 6	23 36	1 51	18 6	0 40	22 49	1 36	22 57	0 18	22 1	1 17	13 38	0 29	T 15
F 16	18 56	24 18	1 56	23 59	1 58	18 26	0 38	22 42	1 36	22 58	0 18	22 1	1 17	13 39	0 29	F 16
S 17	19 10	23 59	0 37	24 19	2 4	18 45	0 35	22 35	1 35	22 58	0 18	22 1	1 17	13 40	0 29	S 17
S 18	19 23	21 58	0n43	24 37	2 9	19 4	0 33	22 28	1 35	22 59	0 18	22 1	1 17	13 41	0 29	S 18
M19	19 36	18 32	1 59	24 52	2 14	19 23	0 31	22 21	1 34	22 59	0 18	22 1	1 17	13 42	0 29	M19
T 20	19 49	14 3	3 7	25 6	2 18	19 41	0 29	22 14	1 34	23 0	0 18	22 1	1 17	13 43	0 29	T 20
W21	20 2	8 55	4 2	25 17	2 20	19 58	0 27	22 7	1 34	23 0	0 18	22 1	1 17	13 44	0 29	W21
T 22	20 14	3 28	4 41	25 25	2 22	20 15	0 24	21 59	1 33	23 1	0 17	22 1	1 17	13 45	0 29	T 22
F 23	20 26	2n 1	5 5	25 32	2 24	20 31	0 22	21 52	1 33	23 1	0 17	22 1	1 17	13 46	0 29	F 23
S 24	20 37	7 19	5 12	25 36	2 24	20 47	0 20	21 44	1 32	23 2	0 17	22 1	1 17	13 47	0 29	S 24
S 25	20 48	12 11	5 3	25 39	2 23	21 2	0 17	21 36	1 32	23 2	0 17	22 2	1 17	13 49	0 29	S 25
M26	20 59	16 27	4 40	25 40	2 22	21 16	0 15	21 28	1 31	23 3	0 17	22 2	1 17	13 50	0 29	M26
T 27	21 9	19 56	4 4	25 39	2 19	21 30	0 13	21 20	1 31	23 3	0 17	22 2	1 17	13 51	0 29	T 27
W28	21 19	22 29	3 16	25 37	2 16	21 44	0 10	21 12	1 30	23 3	0 17	22 2	1 17	13 52	0 29	W28
T 29	21 29	23 59	2 21	25 33	2 11	21 57	0 8	21 4	1 30	23 4	0 17	22 2	1 17	13 53	0 29	T 29
F 30	21 38	24 21	1 20	25 27	2 6	22 9	0 5	20 55	1 30	23 4	0 17	22 2	1 17	13 54	0 29	F 30
S 31	21n47	23n36	0n16	25n21	2n 0	22n20	0s 3	20n46	1n29	23n 4	0s16	22s 2	1n17	13n54	0s29	S 31

Julian Day Number = 2673001.5, Delta T = 20m37s

Ecliptic obliquity = 23°21'39", Nutation = 0°00'16"

Ayanamsha: Fagan/Bradley = 33°13'15", Lahiri = 32°20'15"

# ASTRODIENST EPHEMERIS for the year 2606

JUNE 2606

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 36 14	10 <sup>11</sup> 21'23	14 <sup>48</sup> 7	2 <sup>28</sup> 15	15 <sup>11</sup> 5	4 <sup>0</sup> 1	28 <sup>11</sup> 23	3 <sup>0</sup> R 3	8 <sup>8</sup> 46	16 <sup>0</sup> R55	20 <sup>8</sup> 38	5 <sup>3</sup> 9	6 <sup>3</sup> 32	7 <sup>28</sup> 28	11 <sup>1</sup> 21	S 1
M 2	16 40 10	11 <sup>0</sup> 19'08	25 <sup>53</sup>	3 <sup>0</sup> 0	16 <sup>19</sup>	4 <sup>36</sup>	28 <sup>36</sup>	2 <sup>3</sup> 59	8 <sup>49</sup>	16 <sup>1</sup> 54	20 <sup>39</sup>	5 <sup>10</sup>	6 <sup>28</sup>	7 <sup>34</sup>	11 <sup>24</sup>	M 2
T 3	16 44 7	12 <sup>0</sup> 16'52	7 <sup>0</sup> 43	3 <sup>41</sup>	17 <sup>32</sup>	5 <sup>12</sup>	28 <sup>50</sup>	2 <sup>55</sup>	8 <sup>53</sup>	16 <sup>53</sup>	20 <sup>40</sup>	5 <sup>12</sup>	6 <sup>25</sup>	7 <sup>41</sup>	11 <sup>26</sup>	T 3
W 4	16 48 4	13 <sup>0</sup> 14'34	19 <sup>41</sup>	4 <sup>17</sup>	18 <sup>46</sup>	5 <sup>47</sup>	29 <sup>0</sup> 4	2 <sup>51</sup>	8 <sup>55</sup>	16 <sup>52</sup>	20 <sup>42</sup>	5 <sup>14</sup>	6 <sup>22</sup>	7 <sup>48</sup>	11 <sup>28</sup>	W 4
T 5	16 52 0	14 <sup>0</sup> 12'15	1 <sup>10</sup> 50	4 <sup>48</sup>	20 <sup>0</sup> 0	6 <sup>23</sup>	29 <sup>17</sup>	2 <sup>47</sup>	8 <sup>58</sup>	16 <sup>52</sup>	20 <sup>43</sup>	5 <sup>15</sup>	6 <sup>19</sup>	7 <sup>54</sup>	11 <sup>30</sup>	T 5
F 6	16 55 57	15 <sup>0</sup> 9'54	14 <sup>15</sup>	5 <sup>15</sup>	21 <sup>14</sup>	6 <sup>59</sup>	29 <sup>31</sup>	2 <sup>43</sup>	9 <sup>0</sup> 1	16 <sup>51</sup>	20 <sup>44</sup>	5 <sup>0</sup> R15	6 <sup>16</sup>	8 <sup>0</sup> 1	11 <sup>32</sup>	F 6
S 7	16 59 53	16 <sup>0</sup> 7'32	27 <sup>0</sup> 1	5 <sup>38</sup>	22 <sup>28</sup>	7 <sup>34</sup>	29 <sup>45</sup>	2 <sup>39</sup>	9 <sup>0</sup> 4	16 <sup>50</sup>	20 <sup>45</sup>	5 <sup>15</sup>	6 <sup>13</sup>	8 <sup>0</sup> 8	11 <sup>34</sup>	S 7
S 8	17 3 50	17 <sup>0</sup> 5'08	10 <sup>1</sup> 12	5 <sup>55</sup>	23 <sup>41</sup>	8 <sup>10</sup>	29 <sup>58</sup>	2 <sup>35</sup>	9 <sup>0</sup> 7	16 <sup>50</sup>	20 <sup>47</sup>	5 <sup>14</sup>	6 <sup>0</sup> 9	8 <sup>14</sup>	11 <sup>36</sup>	S 8
M 9	17 7 46	18 <sup>0</sup> 2'43	23 <sup>49</sup>	6 <sup>0</sup> 8	24 <sup>55</sup>	8 <sup>46</sup>	0 <sup>12</sup>	2 <sup>31</sup>	9 <sup>10</sup>	16 <sup>49</sup>	20 <sup>48</sup>	5 <sup>12</sup>	6 <sup>0</sup> 6	8 <sup>21</sup>	11 <sup>38</sup>	M 9
T 10	17 11 43	19 <sup>0</sup> 0'17	7 <sup>1</sup> 54	6 <sup>16</sup>	26 <sup>0</sup> 9	9 <sup>22</sup>	0 <sup>26</sup>	2 <sup>26</sup>	9 <sup>13</sup>	16 <sup>48</sup>	20 <sup>49</sup>	5 <sup>10</sup>	6 <sup>0</sup> 3	8 <sup>27</sup>	11 <sup>39</sup>	T 10
W 11	17 15 39	19 <sup>0</sup> 57'49	22 <sup>24</sup>	6 <sup>0</sup> R20	27 <sup>22</sup>	9 <sup>57</sup>	0 <sup>40</sup>	2 <sup>22</sup>	9 <sup>16</sup>	16 <sup>48</sup>	20 <sup>50</sup>	5 <sup>0</sup> 8	6 <sup>0</sup> 0	8 <sup>34</sup>	11 <sup>41</sup>	W 11
T 12	17 19 36	20 <sup>0</sup> 55'21	7 <sup>1</sup> 15	6 <sup>19</sup>	28 <sup>36</sup>	10 <sup>33</sup>	0 <sup>53</sup>	2 <sup>18</sup>	9 <sup>18</sup>	16 <sup>47</sup>	20 <sup>52</sup>	5 <sup>0</sup> 6	5 <sup>57</sup>	8 <sup>41</sup>	11 <sup>43</sup>	T 12
F 13	17 23 33	21 <sup>0</sup> 52'51	22 <sup>20</sup>	6 <sup>13</sup>	29 <sup>50</sup>	11 <sup>0</sup> 9	1 <sup>0</sup> 7	2 <sup>14</sup>	9 <sup>21</sup>	16 <sup>47</sup>	20 <sup>53</sup>	5 <sup>0</sup> 5	5 <sup>54</sup>	8 <sup>47</sup>	11 <sup>45</sup>	F 13
S 14	17 27 29	22 <sup>0</sup> 50'20	7 <sup>3</sup> 29	6 <sup>0</sup> 3	1 <sup>1</sup> 54	11 <sup>45</sup>	1 <sup>21</sup>	2 <sup>0</sup> 9	9 <sup>24</sup>	16 <sup>46</sup>	20 <sup>54</sup>	5 <sup>0</sup> D 5	5 <sup>50</sup>	8 <sup>54</sup>	11 <sup>46</sup>	S 14
S 15	17 31 26	23 <sup>0</sup> 47'48	22 <sup>34</sup>	5 <sup>49</sup>	2 <sup>17</sup>	12 <sup>21</sup>	1 <sup>35</sup>	2 <sup>0</sup> 5	9 <sup>27</sup>	16 <sup>46</sup>	20 <sup>55</sup>	5 <sup>0</sup> 6	5 <sup>47</sup>	9 <sup>0</sup> 1	11 <sup>48</sup>	S 15
M 16	17 35 22	24 <sup>0</sup> 45'16	7 <sup>1</sup> 26	5 <sup>31</sup>	3 <sup>31</sup>	12 <sup>57</sup>	1 <sup>48</sup>	2 <sup>0</sup> 1	9 <sup>29</sup>	16 <sup>46</sup>	20 <sup>56</sup>	5 <sup>0</sup> 6	5 <sup>44</sup>	9 <sup>0</sup> 7	11 <sup>49</sup>	M 16
T 17	17 39 19	25 <sup>0</sup> 42'43	21 <sup>59</sup>	5 <sup>10</sup>	4 <sup>45</sup>	13 <sup>33</sup>	2 <sup>0</sup> 2	1 <sup>56</sup>	9 <sup>32</sup>	16 <sup>45</sup>	20 <sup>58</sup>	5 <sup>0</sup> 7	5 <sup>41</sup>	9 <sup>14</sup>	11 <sup>51</sup>	T 17
W 18	17 43 15	26 <sup>0</sup> 40'09	6 <sup>1</sup> 9	4 <sup>45</sup>	5 <sup>58</sup>	14 <sup>0</sup> 9	2 <sup>16</sup>	1 <sup>52</sup>	9 <sup>34</sup>	16 <sup>45</sup>	20 <sup>59</sup>	5 <sup>0</sup> 8	5 <sup>38</sup>	9 <sup>21</sup>	11 <sup>52</sup>	W 18
T 19	17 47 12	27 <sup>0</sup> 37'34	19 <sup>54</sup>	4 <sup>18</sup>	7 <sup>12</sup>	14 <sup>45</sup>	2 <sup>30</sup>	1 <sup>47</sup>	9 <sup>37</sup>	16 <sup>44</sup>	21 <sup>0</sup> 0	5 <sup>0</sup> 8	5 <sup>34</sup>	9 <sup>27</sup>	11 <sup>54</sup>	T 19
F 20	17 51 9	28 <sup>0</sup> 34'59	3 <sup>1</sup> 16	3 <sup>48</sup>	8 <sup>26</sup>	15 <sup>21</sup>	2 <sup>44</sup>	1 <sup>43</sup>	9 <sup>40</sup>	16 <sup>44</sup>	21 <sup>0</sup> 1	5 <sup>0</sup> R 8	5 <sup>31</sup>	9 <sup>34</sup>	11 <sup>55</sup>	F 20
S 21	17 55 5	29 <sup>0</sup> 32'23	16 <sup>16</sup>	3 <sup>17</sup>	9 <sup>39</sup>	15 <sup>57</sup>	2 <sup>58</sup>	1 <sup>38</sup>	9 <sup>42</sup>	16 <sup>44</sup>	21 <sup>0</sup> 2	5 <sup>0</sup> 8	5 <sup>28</sup>	9 <sup>41</sup>	11 <sup>56</sup>	S 21
S 22	17 59 2	0 <sup>1</sup> 29'47	28 <sup>56</sup>	2 <sup>44</sup>	10 <sup>53</sup>	16 <sup>33</sup>	3 <sup>11</sup>	1 <sup>34</sup>	9 <sup>45</sup>	16 <sup>44</sup>	21 <sup>0</sup> 3	5 <sup>0</sup> 8	5 <sup>25</sup>	9 <sup>47</sup>	11 <sup>58</sup>	S 22
M 23	18 2 58	1 <sup>2</sup> 27'10	11 <sup>1</sup> 8	2 <sup>10</sup>	12 <sup>0</sup> 7	17 <sup>0</sup> 9	3 <sup>25</sup>	1 <sup>30</sup>	9 <sup>47</sup>	16 <sup>44</sup>	21 <sup>0</sup> 4	5 <sup>0</sup> 7	5 <sup>22</sup>	9 <sup>54</sup>	11 <sup>59</sup>	M 23
T 24	18 6 55	2 <sup>2</sup> 24'33	23 <sup>32</sup>	1 <sup>36</sup>	13 <sup>20</sup>	17 <sup>45</sup>	3 <sup>39</sup>	1 <sup>25</sup>	9 <sup>49</sup>	16 <sup>43</sup>	21 <sup>0</sup> 5	5 <sup>0</sup> 7	5 <sup>19</sup>	10 <sup>0</sup> 0	12 <sup>0</sup> 0	T 24
W 25	18 10 51	3 <sup>2</sup> 21'56	5 <sup>1</sup> 34	1 <sup>0</sup> 3	14 <sup>34</sup>	18 <sup>22</sup>	3 <sup>53</sup>	1 <sup>21</sup>	9 <sup>52</sup>	16 <sup>43</sup>	21 <sup>0</sup> 6	5 <sup>0</sup> 6	5 <sup>15</sup>	10 <sup>0</sup> 7	12 <sup>0</sup> 1	W 25
T 26	18 14 48	4 <sup>0</sup> 19'18	17 <sup>28</sup>	0 <sup>31</sup>	15 <sup>48</sup>	18 <sup>58</sup>	4 <sup>0</sup> 7	1 <sup>16</sup>	9 <sup>54</sup>	16 <sup>43</sup>	21 <sup>0</sup> 7	5 <sup>0</sup> 6	5 <sup>12</sup>	10 <sup>0</sup> 14	12 <sup>0</sup> 2	T 26
F 27	18 18 44	5 <sup>0</sup> 16'39	29 <sup>18</sup>	29 <sup>11</sup> 59	17 <sup>0</sup> 1	19 <sup>34</sup>	4 <sup>21</sup>	1 <sup>12</sup>	9 <sup>56</sup>	16 <sup>43</sup>	21 <sup>0</sup> 8	5 <sup>0</sup> D 6	5 <sup>0</sup> 9	10 <sup>0</sup> 20	12 <sup>0</sup> 3	F 27
S 28	18 22 41	6 <sup>0</sup> 14'00	11 <sup>1</sup> 5	29 <sup>31</sup>	18 <sup>15</sup>	20 <sup>10</sup>	4 <sup>35</sup>	1 <sup>0</sup> 7	9 <sup>59</sup>	16 <sup>0</sup> D43	21 <sup>0</sup> 10	5 <sup>0</sup> R 6	5 <sup>0</sup> 6	10 <sup>0</sup> 27	12 <sup>0</sup> 4	S 28
S 29	18 26 38	7 <sup>0</sup> 11'20	22 <sup>52</sup>	29 <sup>0</sup> 5	19 <sup>28</sup>	20 <sup>47</sup>	4 <sup>48</sup>	1 <sup>0</sup> 3	10 <sup>0</sup> 1	16 <sup>43</sup>	21 <sup>0</sup> 11	5 <sup>0</sup> 6	5 <sup>0</sup> 3	10 <sup>0</sup> 34	12 <sup>0</sup> 5	S 29
M 30	18 30 34	8 <sup>0</sup> 8'40	4 <sup>0</sup> 42	28 <sup>11</sup> 42	20 <sup>54</sup> 2	21 <sup>0</sup> 23	5 <sup>2</sup>	0 <sup>3</sup> 59	10 <sup>0</sup> 3	16 <sup>43</sup>	21 <sup>0</sup> 12	5 <sup>3</sup> 6	5 <sup>3</sup> 0	10 <sup>0</sup> 40	12 <sup>0</sup> 6	M 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	21n56	21n48	0s49	25n13	1n52	22n31	0s 1	20n38	1n29	23n 5	0s16	22s 2	1n17	13n55	0s29	5s13	1n31	2n43	15s39	23s16	23s12	23n 4	6n42	2n25					
M 2	22 4	19 4	1 52	25 4	1 44	22 41	0n 2	20 29	1 28	23 5	0 16	22 2	1 17	13 56	0 29	5 13	1 31	2 43	15 39	23 16	23 12	23 3	6 43	2 25					
T 3	22 12	15 32	2 50	24 54	1 35	22 51	0 4	20 20	1 28	23 5	0 16	22 3	1 17	13 57	0 29	5 13	1 31	2 44	15 40	23 16	23 12	23 2	6 44	2 25					
W 4	22 19	11 21	3 42	24 43	1 25	23 0	0 7	20 11	1 27	23 5	0 16	22 3	1 17	13 58	0 29	5 13	1 31	2 44	15 40	23 15	23 12	23 0	6 45	2 25					
T 5	22 26	6 40	4 24	24 31	1 14	23 8	0 9	20 1	1 27	23 6	0 16	22 3	1 17	13 59	0 29	5 12	1 31	2 44	15 40	23 15	23 13	22 59	6 46	2 25					
F 6	22 32	1 38	4 55	24 18	1 2	23 16	0 11	19 52	1 27	23 6	0 16	22 3	1 17	14 0	0 29	5 12	1 31	2 44	15 40	23 15	23 13	22 58	6 46	2 25					
S 7	22 38	3s37	5 13	24 4	0 50	23 23	0 14	19 42	1 26	23 6	0 16	22 3	1 17	14 1	0 29	5 12	1 31	2 44	15 40	23 15	23 13	22 56	6 47	2 25					
S 8	22 44	8 51	5 15	23 50	0 36	23 29	0 16	19 33	1 26	23 6	0 16	22 3	1 17	14 2	0 29	5 12	1 31	2 45	15 40	23 15	23 13	22 55	6 48	2 25					
M 9	22 49	13 51	5 0	23 35	0 22	23 34	0 18	19 23	1 25	23 6	0 15	22 3	1 17	14 3	0 29	5 12	1 31	2 45	15 40	23 16	23 13	22 54	6 49	2 25					
T 10	22 54	18 18	4 26	23 20	0 7	23 39	0 21	19 13	1 25	23 6	0 15	22 3	1 17	14 4	0 29	5 11	1 31	2 45	15 40	23 16	23 13	22 53	6 50	2 25					
W 11	22 59	21 46	3 35	23 4	0s 8	23 43	0 23	19 3	1 24	23 6	0 15	22 3	1 17	14 5	0 29	5 11	1 30	2 45	15 40	23 16	23 14	22 51	6 50	2 25					
T 12	23 3	23 53	2 28	22 48	0 24	23 47	0 26	18 53	1 24	23 6	0 15	22 4	1 17	14 6	0 29	5 11	1 30	2 45	15 41	23 16	23 14	22 50	6 51	2 25					
F 13	23 7	24 18	1 10	22 32	0 41	23 49	0 28	18 43	1 24	23 6	0 15	22 4	1 17	14 6	0 29	5 11	1 30	2 45	15 41	23 16	23 14	22 49	6 52	2 26					
S 14	23 10	22 56	0n13	22 16	0 58	23 52	0 30	18 32	1 23	23 6	0 15	22 4	1 17	14 7	0 29	5 11	1 30	2 46	15 41	23 16	23 14	22 47	6 52	2 26					
S 15	23 13	19 55	1 35	21 59	1 15	23 53	0 32	18 22	1 23	23 6	0 15	22 4	1 17	14 8	0 29	5 11	1 30	2 46	15 41	23 16	23 14	22 46	6 53	2 26					
M 16	23 15	15 37	2 50	21 42	1 32	23 54	0 35	18 11	1 22	23 6	0 15	22 4	1 17	14 9	0 29	5 10	1 30	2 46	15 41	23 16	23 14	22 45	6 54	2 26					
T 17	23 17	10 28	3 52	21 26	1 50	23 54	0 37	18 1	1 22	23 6	0 15	22 4	1 17	14 10	0 29	5 10	1 30	2 46	15 41	23 16	23 14	22 43	6 54	2 26					
W 18	23 19	4 55	4 38	21 10	2 7	23 53	0 39	17 50	1 21	23 6	0 15	22 4	1 17	14 11	0 29	5 10	1 30	2 46	15 42	23 16	23 14	22 42	6 55	2 26					
T 19	23 20	0n43	5 6	20 54	2 24	23 51	0 41	17 39	1 21	23 6	0 14	22 4	1 16	14 11	0 29	5 10	1 30	2 46	15 42	23 16	23 15	22 41	6 56	2 26					
F 20	23 21	6 9	5 17	20 38	2 40	23 49	0 44	17 28	1 20	23 6	0 14	22 5	1 16	14 12	0 29	5 10	1 30	2 46	15 42	23 16	23 15	22 39	6 56	2 26					
S 21	23 22	11 10	5 12	20 23	2 56	23 46	0 46	17 17	1 20	23 5	0 14	22 5	1 16	14 13	0 29	5 10	1 30	2 46	15 42	23 16	23 15	22 38	6 57	2 26					
S 22	23 22	15 35	4 51	20 9	3 11	23 43	0 48	17 5	1 20	23 5	0 14	22 5	1 16	14 14	0 29	5 10	1 30	2 46	15 42	23 16	23 15	22 37	6 57	2 26					
M 23	23 21	19 15	4 16	19 55	3 25	23 38	0 50	16 54	1 19	23 5	0 14	22 5	1 16	14 14	0 29	5 10	1 30	2 47	15 42	23 16	23 15	22 35	6 58	2 26					
T 24	23 20	22 0	3 31	19 43	3 39	23 33	0 52	16 43	1 19	23 5	0 14	22 5	1 16	14 15	0 29	5 10	1 30	2 47	15 43	23 16	23 15	22 34	6 58	2 26					
W 25	23 19	23 44	2 37	19 31	3 51	23 28	0 54	16 31	1 18	23 4	0 14	22 5	1 16	14 16	0 29	5 10	1 30	2 47	15 43	23 16	23 15	22 32	6 59	2 26					
T 26	23 17	24 22	1 37	19 20	4 1	23 21	0 56	16 19	1 18	23 4	0 14	22 5	1 16	14 17	0 29	5 10	1 30	2 47	15 43	23 16	23 16	22 31	6 59	2 26					
F 27	23 15	23 54	0 32	19 11	4 11	23 14	0 58	16 8	1 17	23 4	0 14	22 5	1 16	14 17	0 29	5 10	1 30	2 47	15 43	23 16	23 16	22 30	7 0	2 26					
S 28	23 13	22 21	0s33	19 3	4 19	23 7	1 0	15 56	1 17	23 3	0 14	22 6	1 16	14 18	0 29	5 10	1 30	2 47	15 43	23 16	23 16	22 28	7 0	2 26					
S 29	23 10	19 50	1 37	18 56	4 25	22 58	1 2	15 44	1 16	23 3	0 14	22 6	1 16	14 19	0 29	5 10	1 30	2 47	15 44	23 16	23 16	22 27	7 1	2 26					
M 30	23n 7	16n29	2s37	18n51	4s30	22n49	1n 3	15n32	1n16	23n 2	0s13	22s 6	1n16	14n19	0s29	5s10	1n30	2n47	15s44	23s16	23s16	22n25	7n 1	2n27					

## ASTRODIENST EPHEMERIS for the year 2606

JULY 2606

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 34 31	9°55'59"	16°02'36"	28°R22	21°05'56"	21°05'59"	5°05'16"	0°R54	10°08'5	16°05'43"	21°08'12"	5°R 6	4°05'56"	10°05'47"	12°07'7"	T 1
W 2	18 38 27	10° 3'17"	28°38'	28°II 6	23° 9	22°36'	5°30'	0°05'50"	10° 7	16°43"	21°13'	5°R 5	4°53'	10°54'	12° 7	W 2
T 3	18 42 24	11° 0'35"	10°05'51"	27°53'	24°23'	23°12'	5°44'	0°45'	10° 9	16°43"	21°14'	5° 4	4°50'	11° 0	12° 8	T 3
F 4	18 46 20	11°57'51"	23°18'	27°46'	25°36'	23°48'	5°57'	0°41'	10°11'	16°44"	21°15'	5° 4	4°47'	11° 7	12° 9	F 4
S 5	18 50 17	12°55'08"	6°05'3	27°D42	26°50'	24°25'	6°11'	0°37'	10°13'	16°44"	21°16'	5° 3	4°44'	11°14'	12° 9	S 5
S 6	18 54 13	13°52'23"	19° 9	27°43'	28° 3	25° 1	6°25'	0°33'	10°15'	16°44"	21°17'	5°D 3	4°40'	11°20'	12°10'	S 6
M 7	18 58 10	14°49'39"	21°03'39"	27°49'	29°17'	25°38'	6°39'	0°28'	10°17'	16°44"	21°18'	5° 4	4°37'	11°27'	12°10'	M 7
T 8	19 2 7	15°46'53"	16°34'	28° 0	0°03'30"	26°14'	6°53'	0°24'	10°19'	16°45"	21°19'	5° 4	4°34'	11°34'	12°11'	T 8
W 9	19 6 3	16°44'07"	0°05'54"	28°15'	1°44'	26°51'	7° 6	0°20'	10°21'	16°45"	21°20'	5° 5	4°31'	11°40'	12°11'	W 9
T 10	19 10 0	17°41'21"	15°37'	28°36'	2°57'	27°28'	7°20'	0°16'	10°23'	16°45"	21°21'	5° 6	4°28'	11°47'	12°12'	T 10
F 11	19 13 56	18°38'34"	0°03'38"	29° 1	4°11'	28° 4	7°34'	0°12'	10°24'	16°46"	21°21'	5°R 7	4°25'	11°53'	12°12'	F 11
S 12	19 17 53	19°35'47"	15°48'	29°31'	5°24'	28°41'	7°47'	0° 8	10°26'	16°46"	21°22'	5° 7	4°21'	12° 0	12°12'	S 12
S 13	19 21 49	20°33'00"	0°05'59"	0°05' 6	6°38'	29°17'	8° 1	0° 4	10°28'	16°47"	21°23'	5° 6	4°18'	12° 7	12°12'	S 13
M14	19 25 46	21°30'13"	16° 2	0°45'	7°51'	29°54'	8°15'	29°05'59"	10°29'	16°47"	21°24'	5° 4	4°15'	12°13'	12°12'	M14
T 15	19 29 42	22°27'26"	0°05'47"	1°29'	9° 5	0°05'31"	8°28'	29°56'	10°31'	16°48"	21°25'	5° 2	4°12'	12°20'	12°12'	T 15
W16	19 33 39	23°24'39"	15° 9	2°18'	10°18'	1° 8	8°42'	29°52'	10°32'	16°48"	21°25'	5° 0	4° 9	12°27'	12°R12'	W16
T 17	19 37 36	24°21'52"	29° 4	3°12'	11°31'	1°44'	8°55'	29°48'	10°34'	16°49"	21°26'	4°58'	4° 6	12°33'	12°12'	T 17
F 18	19 41 32	25°19'06"	12°05'32"	4°10'	12°45'	2°21'	9° 9	29°44'	10°35'	16°49"	21°27'	4°56'	4° 2	12°40'	12°12'	F 18
S 19	19 45 29	26°16'19"	25°34'	5°12'	13°58'	2°58'	9°22'	29°40'	10°37'	16°50"	21°27'	4°D56'	3°59'	12°47'	12°12'	S 19
S 20	19 49 25	27°13'34"	8°08'12"	6°19'	15°12'	3°35'	9°36'	29°37'	10°38'	16°51"	21°28'	4°56'	3°56'	12°53'	12°12'	S 20
M21	19 53 22	28°10'48"	20°32'	7°31'	16°25'	4°12'	9°49'	29°33'	10°39'	16°51"	21°29'	4°57'	3°53'	13° 0	12°12'	M21
T 22	19 57 18	29° 8'04"	21°03'37"	8°46'	17°38'	4°48'	10° 3	29°30'	10°41'	16°52"	21°29'	4°59'	3°50'	13° 7	12°11'	T 22
W23	20 1 15	0°05'51"	14°32'	10° 6	18°52'	5°25'	10°16'	29°26'	10°42'	16°53"	21°30'	5° 1	3°46'	13°13'	12°11'	W23
T 24	20 5 11	1° 2'35"	26°21'	11°30'	20° 5	6° 2	10°30'	29°23'	10°43'	16°54"	21°31'	5° 2	3°43'	13°20'	12°11'	T 24
F 25	20 9 8	1°59'52"	8°05'7"	12°58'	21°18'	6°39'	10°43'	29°19'	10°44'	16°55"	21°31'	5°R 2	3°40'	13°27'	12°10'	F 25
S 26	20 13 5	2°57'08"	19°55'	14°30'	22°32'	7°16'	10°56'	29°16'	10°45'	16°55"	21°32'	5° 1	3°37'	13°33'	12°10'	S 26
S 27	20 17 1	3°54'25"	1°05'45"	16° 6	23°45'	7°53'	11° 9	29°13'	10°46'	16°56"	21°32'	4°59'	3°34'	13°40'	12° 9	S 27
M28	20 20 58	4°51'43"	13°41'	17°46'	24°58'	8°30'	11°23'	29° 9	10°47'	16°57"	21°33'	4°55'	3°31'	13°46'	12° 8	M28
T 29	20 24 54	5°49'01"	25°44'	19°29'	26°12'	9° 8	11°36'	29° 6	10°48'	16°58"	21°33'	4°50'	3°27'	13°53'	12° 8	T 29
W30	20 28 51	6°46'19"	7°05'57"	21°16'	27°25'	9°45'	11°49'	29° 3	10°49'	16°59"	21°34'	4°45'	3°24'	14° 0	12° 7	W30
T 31	20 32 47	7°04'33'7"	20°05'20"	23°05'6"	28°05'38"	10°05'22"	12°05'2	29°05'0	10°05'50"	17°05'0	21°05'34"	4°05'39"	3°05'21"	14°05'6"	12°05'6"	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	23n 3	12n27	3s31	18n47	4s34	22n39	1n 5	15n20	1n16	23n 2	0s13	22s 6	1n16	14n20	0s29	T 1
W 2	22 59	7 55	4 16	18 44	4 36	22 29	1 7	15 7	1 15	23 2	0 13	22 6	1 15	14 21	0 29	W 2
T 3	22 54	3 0	4 50	18 43	4 37	22 18	1 9	14 55	1 15	23 1	0 13	22 6	1 15	14 21	0 29	T 3
F 4	22 49	2s 7	5 11	18 44	4 37	22 6	1 10	14 43	1 14	23 1	0 13	22 6	1 15	14 22	0 29	F 4
S 5	22 44	7 15	5 17	18 45	4 35	21 54	1 12	14 30	1 14	23 0	0 13	22 6	1 15	14 23	0 29	S 5
S 6	22 38	12 13	5 8	18 48	4 32	21 41	1 13	14 17	1 13	22 59	0 13	22 7	1 15	14 23	0 29	S 6
M 7	22 32	16 45	4 42	18 53	4 28	21 27	1 15	14 5	1 13	22 59	0 13	22 7	1 15	14 24	0 29	M 7
T 8	22 26	20 32	3 58	18 58	4 23	21 13	1 16	13 52	1 12	22 58	0 13	22 7	1 15	14 24	0 29	T 8
W 9	22 19	23 11	2 59	19 5	4 16	20 58	1 18	13 39	1 12	22 58	0 13	22 7	1 15	14 25	0 29	W 9
T 10	22 12	24 21	1 46	19 12	4 9	20 43	1 19	13 26	1 12	22 57	0 13	22 7	1 15	14 25	0 29	T 10
F 11	22 4 23	46 0	25 19	21 4	1 20	27 1	20 13	13 13	1 11	22 56	0 12	22 7	1 14	14 26	0 29	F 11
S 12	21 56	21 27	0n59	19 30	3 52	20 11	1 22	13 0	1 11	22 56	0 12	22 7	1 14	14 26	0 29	S 12
S 13	21 48	17 37	2 19	19 39	3 42	19 53	1 23	12 47	1 10	22 55	0 12	22 7	1 14	14 27	0 29	S 13
M14	21 39	12 40	3 28	19 50	3 32	19 36	1 24	12 33	1 10	22 54	0 12	22 8	1 14	14 27	0 29	M14
T 15	21 30	7 5	4 22	20 0	3 21	19 18	1 25	12 20	1 9	22 53	0 12	22 8	1 14	14 28	0 29	T 15
W16	21 20	1 15	4 57	20 11	3 9	18 59	1 26	12 7	1 9	22 53	0 12	22 8	1 14	14 28	0 29	W16
T 17	21 10	4n26	5 14	20 22	2 57	18 40	1 27	11 53	1 8	22 52	0 12	22 8	1 14	14 29	0 29	T 17
F 18	21 0	9 45	5 13	20 33	2 45	18 20	1 28	11 40	1 8	22 51	0 12	22 8	1 14	14 29	0 29	F 18
S 19	20 50	14 26	4 56	20 43	2 32	18 0	1 28	11 26	1 7	22 50	0 12	22 8	1 13	14 30	0 29	S 19
S 20	20 39	18 22	4 24	20 54	2 19	17 39	1 29	11 12	1 7	22 49	0 12	22 8	1 13	14 30	0 29	S 20
M21	20 27	21 23	3 41	21 3	2 6	17 18	1 30	10 58	1 7	22 48	0 12	22 8	1 13	14 30	0 29	M21
T 22	20 16	23 23	2 49	21 12	1 53	16 56	1 30	10 45	1 6	22 47	0 12	22 9	1 13	14 31	0 29	T 22
W23	20 4 24	18 1	1 51	21 20	1 39	16 34	1 31	10 31	1 6	22 46	0 11	22 9	1 13	14 31	0 29	W23
T 24	19 52	24 6	0 48	21 27	1 26	16 11	1 31	10 17	1 5	22 46	0 11	22 9	1 13	14 31	0 29	T 24
F 25	19 39	22 50	0s17	21 32	1 12	15 48	1 32	10 3	1 5	22 45	0 11	22 9	1 13	14 32	0 29	F 25
S 26	19 26	20 33	1 21	21 36	0 58	15 25	1 32	9 48	1 4	22 44	0 11	22 9	1 12	14 32	0 29	S 26
S 27	19 13	17 24	2 21	21 39	0 45	15 1	1 32	9 34	1 4	22 43	0 11	22 9	1 12	14 32	0 29	S 27
M28	18 59	13 32	3 16	21 39	0 32	14 37	1 33	9 20	1 3	22 42	0 11	22 9	1 12	14 33	0 29	M28
T 29	18 45	9 5	4 3	21 38	0 19	14 12	1 33	9 6	1 3	22 41	0 11	22 9	1 12	14 33	0 29	T 29
W30	18 31	4 15	4 39	21 35	0 7	13 47	1 33	8 51	1 2	22 39	0 11	22 10	1 12	14 33	0 30	W30
T 31	18n17	0s49	5s 2	21n29	0n 5	13n22	1n33	8n37	1n 2	22n38	0s11	22s10	1n12	14n33	0s30	T 31

Julian Day Number = 2673062.5, Delta T = 20m37s

Ecliptic obliquity = 23°21'38", Nutation = 0°00'18"

Ayanamsha: Fagan/Bradley = 33°13'24", Lahiri = 32°20'24"

# ASTRODIENST EPHEMERIS for the year 2606

AUGUST 2606

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	20 36 44	8♂40'56	2♂55	24♂59	29♂52	10♂59	12♂15	28°R57	10♂51	17♂1	21♂35	4°R35	3♂18	14♂13	12°R 5	F 1
S 2	20 40 40	9°38'14	15°45	26°54	1♂ 5	11°36	12°28	28♂54	10°51	17° 2	21°35	4♂31	3°15	14°20	12°Y 4	S 2
S 3	20 44 37	10°35'34	28°52	28°52	2°18	12°13	12°41	28°52	10°52	17° 3	21°35	4°29	3°12	14°26	12° 4	S 3
M 4	20 48 34	11°32'53	12♂18	0♂52	3°31	12°51	12°54	28°49	10°53	17° 5	21°36	4°D28	3° 8	14°33	12° 3	M 4
T 5	20 52 30	12°30'13	26° 3	2°55	4°44	13°28	13° 7	28°46	10°53	17° 6	21°36	4°29	3° 5	14°40	12° 2	T 5
W 6	20 56 27	13°27'33	10♂10	4°58	5°58	14° 5	13°20	28°44	10°54	17° 7	21°37	4°30	3° 2	14°46	12° 0	W 6
T 7	21 0 23	14°24'54	24°37	7° 3	7°11	14°43	13°32	28°41	10°54	17° 8	21°37	4°31	2°59	14°53	11°59	T 7
F 8	21 4 20	15°22'15	9♂22	9° 8	8°24	15°20	13°45	28°39	10°55	17° 9	21°37	4°R31	2°56	15° 0	11°58	F 8
S 9	21 8 16	16°19'37	24°19	11°14	9°37	15°57	13°58	28°37	10°55	17°11	21°37	4°30	2°52	15° 6	11°57	S 9
S 10	21 12 13	17°16'59	9♂21	13°20	10°50	16°35	14°10	28°35	10°55	17°12	21°38	4°27	2°49	15°13	11°56	S 10
M11	21 16 9	18°14'22	24°20	15°27	12° 3	17°12	14°23	28°33	10°56	17°13	21°38	4°22	2°46	15°20	11°54	M11
T 12	21 20 6	19°11'45	9♂ 6	17°32	13°16	17°50	14°35	28°31	10°56	17°15	21°38	4°15	2°43	15°26	11°53	T 12
W13	21 24 3	20° 9'10	23°32	19°38	14°29	18°27	14°48	28°29	10°56	17°16	21°38	4° 8	2°40	15°33	11°52	W13
T 14	21 27 59	21° 6'35	7°Y33	21°42	15°42	19° 5	15° 0	28°27	10°56	17°17	21°38	4° 2	2°37	15°39	11°50	T 14
F 15	21 31 56	22° 4'02	21° 6	23°46	16°55	19°42	15°13	28°25	10°56	17°19	21°39	3°56	2°33	15°46	11°49	F 15
S 16	21 35 52	23° 1'30	4♂11	25°48	18° 8	20°20	15°25	28°23	10°56	17°20	21°39	3°53	2°30	15°53	11°47	S 16
S 17	21 39 49	23°58'59	16°51	27°50	19°21	20°57	15°37	28°22	10°R56	17°22	21°39	3°51	2°27	15°59	11°46	S 17
M18	21 43 45	24°56'29	29°11	29°50	20°34	21°35	15°49	28°20	10°56	17°23	21°39	3°D51	2°24	16° 6	11°44	M18
T 19	21 47 42	25°54'01	11♂15	1♂49	21°47	22°13	16° 1	28°19	10°56	17°25	21°39	3°51	2°21	16°13	11°42	T 19
W20	21 51 38	26°51'34	23° 8	3°46	23° 0	22°50	16°13	28°18	10°56	17°26	21°39	3°53	2°18	16°19	11°40	W20
T 21	21 55 35	27°49'08	4♂56	5°42	24°13	23°28	16°25	28°16	10°56	17°28	21°39	3°R53	2°14	16°26	11°39	T 21
F 22	21 59 32	28°46'44	16°43	7°36	25°26	24° 6	16°37	28°15	10°56	17°29	21°R39	3°52	2°11	16°33	11°37	F 22
S 23	22 3 28	29°44'21	28°33	9°30	26°39	24°44	16°49	28°14	10°55	17°31	21°39	3°49	2° 8	16°39	11°35	S 23
S 24	22 7 25	0♂41'59	10♂29	11°21	27°51	25°22	17° 0	28°13	10°55	17°33	21°39	3°44	2° 5	16°46	11°33	S 24
M25	22 11 21	1°39'38	22°34	13°11	29° 4	25°59	17°12	28°12	10°55	17°34	21°39	3°36	2° 2	16°53	11°31	M25
T 26	22 15 18	2°37'19	4♂50	15° 0	0♂17	26°37	17°24	28°12	10°54	17°36	21°39	3°26	1°58	16°59	11°29	T 26
W27	22 19 14	3°35'01	17°18	16°47	1°30	27°15	17°35	28°11	10°54	17°38	21°39	3°16	1°55	17° 6	11°27	W27
T 28	22 23 11	4°32'44	29°57	18°33	2°43	27°53	17°47	28°11	10°53	17°39	21°39	3° 5	1°52	17°13	11°25	T 28
F 29	22 27 7	5°30'28	12♂49	20°17	3°55	28°31	17°58	28°10	10°53	17°41	21°39	2°55	1°49	17°19	11°23	F 29
S 30	22 31 4	6°28'13	25°52	22° 0	5° 8	29° 9	18° 9	28°10	10°52	17°43	21°38	2°47	1°46	17°26	11°21	S 30
S 31	22 35 1	7♂25'59	9♂ 9	23♂41	6♂21	29♂47	18♂20	28♂ 9	10♂51	17♂45	21♂38	2♂41	1♂43	17♂33	11♂19	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
F 1	18n 2	5s56	5s12	21n21	0n17	12n56	1n33	8n22	1n 1	22n37	0s11	22s10	1n11	14n34	0s30	F 1
S 2	17 47	10 53	5 6	21 10	0 28	12 30	1 33	8 8	1 1	22 36	0 11	22 10	1 11	14 34	0 30	S 2
S 3	17 31	15 28	4 44	20 57	0 39	12 4	1 32	7 53	1 1	22 35	0 10	22 10	1 11	14 34	0 30	S 3
M 4	17 16	19 23	4 7	20 41	0 48	11 37	1 32	7 39	1 0	22 34	0 10	22 10	1 11	14 34	0 30	M 4
T 5	17 0	22 21	3 14	20 23	0 58	11 10	1 32	7 24	1 0	22 33	0 10	22 10	1 11	14 34	0 30	T 5
W 6	16 44	24 1	2 9	20 2	1 6	10 43	1 31	7 9	0 59	22 32	0 10	22 11	1 11	14 35	0 30	W 6
T 7	16 27	24 9	0 54	19 38	1 14	10 15	1 31	6 54	0 59	22 30	0 10	22 11	1 11	14 35	0 30	T 7
F 8	16 10	22 36	0n26	19 12	1 20	9 47	1 30	6 39	0 58	22 29	0 10	22 11	1 10	14 35	0 30	F 8
S 9	15 53	19 27	1 45	18 44	1 26	9 19	1 29	6 25	0 58	22 28	0 10	22 11	1 10	14 35	0 30	S 9
S 10	15 36	15 0	2 58	18 13	1 31	8 51	1 29	6 10	0 57	22 27	0 10	22 11	1 10	14 35	0 30	S 10
M11	15 19	9 38	3 57	17 41	1 36	8 22	1 28	5 55	0 57	22 25	0 10	22 11	1 10	14 35	0 30	M11
T 12	15 1	3 48	4 40	17 6	1 39	7 54	1 27	5 40	0 56	22 24	0 10	22 11	1 10	14 35	0 30	T 12
W13	14 43	2n 5	5 3	16 30	1 42	7 25	1 26	5 25	0 56	22 23	0 10	22 12	1 10	14 35	0 30	W13
T 14	14 25	7 42	5 8	15 52	1 44	6 56	1 25	5 10	0 55	22 22	0 10	22 12	1 9	14 35	0 30	T 14
F 15	14 7	12 46	4 55	15 13	1 45	6 26	1 24	4 54	0 55	22 20	0 9	22 12	1 9	14 35	0 30	F 15
S 16	13 48	17 3	4 27	14 32	1 46	5 57	1 23	4 39	0 54	22 19	0 9	22 12	1 9	14 35	0 30	S 16
S 17	13 29	20 26	3 46	13 50	1 45	5 27	1 22	4 24	0 54	22 18	0 9	22 12	1 9	14 35	0 30	S 17
M18	13 10	22 46	2 56	13 8	1 44	4 57	1 20	4 9	0 53	22 16	0 9	22 12	1 9	14 35	0 30	M18
T 19	12 51	24 1	1 59	12 24	1 43	4 27	1 19	3 54	0 53	22 15	0 9	22 13	1 8	14 35	0 30	T 19
W20	12 31	24 9	0 58	11 40	1 41	3 57	1 17	3 38	0 53	22 14	0 9	22 13	1 8	14 35	0 30	W20
T 21	12 12	23 10	0s 6	10 55	1 38	3 27	1 16	3 23	0 52	22 12	0 9	22 13	1 8	14 35	0 30	T 21
F 22	11 52	21 11	1 8	10 9	1 35	2 57	1 14	3 8	0 52	22 11	0 9	22 13	1 8	14 35	0 30	F 22
S 23	11 32	18 17	2 8	9 24	1 31	2 27	1 13	2 52	0 51	22 10	0 9	22 13	1 8	14 35	0 30	S 23
S 24	11 11	14 37	3 3	8 38	1 27	1 56	1 11	2 37	0 51	22 8	0 9	22 13	1 8	14 35	0 30	S 24
M25	10 51	10 19	3 50	7 52	1 23	1 26	1 9	2 21	0 50	22 7	0 9	22 14	1 7	14 35	0 30	M25
T 26	10 30	5 33	4 27	7 5	1 18	0 55	1 7	2 6	0 50	22 6	0 9	22 14	1 7	14 34	0 30	T 26
W27	10 10	0 31	4 52	6 19	1 12	0 24	1 5	1 50	0 49	22 4	0 9	22 14	1 7	14 34	0 30	W27
T 28	9 49	4s37	5 3	5 32	1 7	0s 6	1 3	1 35	0 49	22 3	0 8	22 14	1 7	14 34	0 30	T 28
F 29	9 28	9 38	4 59	4 46	1 1	0 37	1 1	1 19	0 48	22 1	0 8	22 14	1 7	14 34	0 30	F 29
S 30	9 6	14 18	4 40	4 0	0 54	1 8	0 59	1 4	0 48	22 0	0 8	22 14	1 7	14 34	0 30	S 30
S 31	8n45	18s22	4 s 5	3n14	0n48	1s38	0n57	0n48	0n47	21n59	0 s 8	22s15	1n 6	14n33	0s30	S 31

Julian Day Number = 2673093.5, Delta T = 20m38s  
Ecliptic obliquity = 23°21'38, Nutation = 0°00'18  
Ayanamsha: Fagan/Bradley = 33°13'28, Lahiri = 32°20'28

## ASTRODIENST EPHEMERIS for the year 2606

SEPTEMBER 2606

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	22 38 57	8♍23'47	22♌38	25♍21	7♎33	0♏26	18♏31	28°R 9	10°R51	17♏46	21°R38	2°R38	1♏39	17♏39	11°R17	M 1
T 2	22 42 54	9°21'35	6♌21	27° 0	8°46	1° 4	18°42	28°D 9	10♏50	17°48	21♏38	2°D37	1°36	17°46	11°V15	T 2
W 3	22 46 50	10°19'25	20°19	28°37	9°59	1°42	18°53	28♌9	10°49	17°50	21°38	2♏37	1°33	17°52	11°12	W 3
T 4	22 50 47	11°17'16	4♏31	0♏13	11°11	2°20	19° 4	28° 9	10°48	17°52	21°37	2°R37	1°30	17°59	11°10	T 4
F 5	22 54 43	12°15'08	18°56	1°48	12°24	2°58	19°15	28°10	10°47	17°54	21°37	2°36	1°27	18° 6	11° 8	F 5
S 6	22 58 40	13°13'01	3♏32	3°21	13°36	3°36	19°25	28°10	10°46	17°56	21°37	2°33	1°23	18°12	11° 5	S 6
S 7	23 2 36	14°10'56	18°13	4°53	14°49	4°15	19°36	28°10	10°45	17°58	21°36	2°28	1°20	18°19	11° 3	S 7
M 8	23 6 33	15° 8'51	2♏54	6°23	16° 1	4°53	19°46	28°11	10°44	18° 0	21°36	2°20	1°17	18°26	11° 1	M 8
T 9	23 10 30	16° 6'48	17°27	7°52	17°14	5°31	19°56	28°12	10°43	18° 1	21°36	2° 9	1°14	18°32	10°58	T 9
W10	23 14 26	17° 4'47	1°V44	9°20	18°26	6°10	20° 7	28°12	10°42	18° 3	21°35	1°58	1°11	18°39	10°56	W10
T 11	23 18 23	18° 2'47	15°40	10°46	19°38	6°48	20°17	28°13	10°41	18° 5	21°35	1°47	1° 8	18°46	10°53	T 11
F 12	23 22 19	19° 0'49	29°11	12°11	20°51	7°27	20°27	28°14	10°40	18° 7	21°35	1°38	1° 4	18°52	10°51	F 12
S 13	23 26 16	19°58'53	12♏17	13°35	22° 3	8° 5	20°37	28°15	10°38	18° 9	21°34	1°31	1° 1	18°59	10°48	S 13
S 14	23 30 12	20°56'59	24°59	14°57	23°15	8°44	20°47	28°16	10°37	18°11	21°34	1°26	0°58	19° 6	10°46	S 14
M15	23 34 9	21°55'07	7♎20	16°17	24°28	9°22	20°56	28°17	10°36	18°13	21°33	1°24	0°55	19°12	10°43	M15
T 16	23 38 5	22°53'16	19°25	17°36	25°40	10° 1	21° 6	28°19	10°34	18°16	21°33	1°D23	0°52	19°19	10°41	T 16
W17	23 42 2	23°51'28	1♏19	18°54	26°52	10°39	21°15	28°20	10°33	18°18	21°32	1°R23	0°49	19°26	10°38	W17
T 18	23 45 59	24°49'42	13° 7	20°10	28° 4	11°18	21°25	28°22	10°32	18°20	21°32	1°22	0°45	19°32	10°36	T 18
F 19	23 49 55	25°47'57	24°56	21°24	29°16	11°57	21°34	28°23	10°30	18°22	21°31	1°21	0°42	19°39	10°33	F 19
S 20	23 53 52	26°46'15	6♏49	22°36	0♏28	12°36	21°43	28°25	10°28	18°24	21°30	1°17	0°39	19°46	10°30	S 20
S 21	23 57 48	27°44'34	18°51	23°47	1°40	13°14	21°52	28°27	10°27	18°26	21°30	1°10	0°36	19°52	10°28	S 21
M22	0 1 45	28°42'55	1♏6	24°55	2°52	13°53	22° 1	28°28	10°25	18°28	21°29	1° 0	0°33	19°59	10°25	M22
T 23	0 5 41	29°41'19	13°35	26° 2	4° 4	14°32	22°10	28°30	10°24	18°30	21°29	0°49	0°29	20° 5	10°22	T 23
W24	0 9 38	0♏39'44	26°19	27° 7	5°16	15°11	22°18	28°32	10°22	18°32	21°28	0°36	0°26	20°12	10°20	W24
T 25	0 13 34	1°38'11	9♏19	28° 9	6°28	15°50	22°27	28°35	10°20	18°34	21°27	0°23	0°23	20°19	10°17	T 25
F 26	0 17 31	2°36'39	22°32	29° 8	7°40	16°29	22°35	28°37	10°18	18°37	21°27	0°10	0°20	20°25	10°14	F 26
S 27	0 21 27	3°35'10	5♏57	0♏6	8°52	17° 8	22°43	28°39	10°17	18°39	21°26	0° 0	0°17	20°32	10°11	S 27
S 28	0 25 24	4°33'42	19°32	1° 0	10° 4	17°47	22°52	28°42	10°15	18°41	21°25	29♌53	0°14	20°39	10° 9	S 28
M29	0 29 21	5°32'16	3♌16	1°51	11°16	18°26	23° 0	28°44	10°13	18°43	21°25	29°49	0°10	20°45	10° 6	M29
T 30	0 33 17	6♏30'52	17♌8	2♏39	12♌28	19♏5	23♏7	28♌47	10♏11	18♏45	21♏24	29♌47	0♏7	20♏52	10♏3	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	8n24	21s32	3s16	2n28	0n41	2s 9	0n55	0n33	0n47	21n57	0s 8	22s15	1n 6	14n33	0s30	5s36
T 2	8 2 23 31	2 15	1 42	0 34	2 40	0 53	0 17	0 46	21 56	0 8	22 15	1 6	14 33	0 30	5 37	1 27
W 3	7 40 24 5	1 5	0 57	0 27	3 10	0 50	0 2	0 46	21 54	0 8	22 15	1 6	14 33	0 30	5 38	1 27
T 4	7 18 23 7	0n10	0 12	0 19	3 41	0 48	0s14	0 45	21 53	0 8	22 15	1 6	14 32	0 30	5 39	1 27
F 5	6 57 20 37	1 26	0s32	0 11	4 11	0 45	0 30	0 45	21 51	0 8	22 15	1 5	14 32	0 30	5 39	1 27
S 6	6 34 16 46	2 36	1 16	0 4	4 42	0 43	0 45	0 44	21 50	0 8	22 16	1 5	14 32	0 30	5 40	1 27
S 7	6 12 11 52	3 37	2 0	0s 4	5 12	0 40	1 1	0 44	21 49	0 8	22 16	1 5	14 31	0 30	5 41	1 27
M 8	5 50 6 18	4 23	2 43	0 13	5 42	0 38	1 16	0 43	21 47	0 7	22 16	1 5	14 31	0 30	5 42	1 27
T 9	5 28 0 28	4 52	3 26	0 21	6 12	0 35	1 32	0 43	21 46	0 7	22 16	1 5	14 31	0 30	5 42	1 27
W10	5 5 5n18	5 2	4 8	0 29	6 42	0 32	1 48	0 42	21 44	0 7	22 16	1 5	14 30	0 30	5 43	1 27
T 11	4 43 10 39	4 53	4 49	0 37	7 12	0 29	2 3	0 42	21 43	0 7	22 17	1 4	14 30	0 30	5 44	1 27
F 12	4 20 15 19	4 28	5 30	0 46	7 42	0 27	2 19	0 41	21 42	0 7	22 17	1 4	14 30	0 30	5 45	1 27
S 13	3 57 19 7	3 49	6 11	0 54	8 12	0 24	2 34	0 41	21 40	0 7	22 17	1 4	14 29	0 30	5 45	1 27
S 14	3 35 21 52	3 0	6 50	1 3	8 41	0 21	2 50	0 40	21 39	0 7	22 17	1 4	14 29	0 30	5 46	1 27
M15	3 12 23 30	2 4	7 29	1 11	9 10	0 18	3 6	0 40	21 37	0 7	22 17	1 4	14 28	0 30	5 47	1 27
T 16	2 49 23 59	1 3	8 7	1 20	9 39	0 15	3 21	0 39	21 36	0 7	22 18	1 3	14 28	0 30	5 48	1 27
W17	2 26 23 22	0 0	8 45	1 29	10 8	0 12	3 37	0 39	21 35	0 7	22 18	1 3	14 27	0 30	5 48	1 27
T 18	2 3 21 41	1s 2	9 21	1 37	10 37	0 9	3 52	0 38	21 33	0 7	22 18	1 3	14 27	0 30	5 49	1 27
F 19	1 40 19 5	2 1	9 57	1 46	11 5	0 6	4 8	0 38	21 32	0 7	22 18	1 3	14 27	0 30	5 50	1 27
S 20	1 17 15 40	2 56	10 32	1 54	11 34	0 3	4 23	0 37	21 31	0 6	22 18	1 3	14 26	0 30	5 51	1 27
S 21	0 54 11 35	3 43	11 6	2 2	12 2	0s 1	4 39	0 37	21 29	0 6	22 19	1 3	14 26	0 30	5 52	1 27
M22	0 31 6 59	4 21	11 39	2 11	12 29	0 4	4 54	0 36	21 28	0 6	22 19	1 2	14 25	0 30	5 53	1 27
T 23	0 7 2 1	4 47	12 11	2 19	12 57	0 7	5 10	0 36	21 27	0 6	22 19	1 2	14 25	0 30	5 53	1 27
W24	0s16 3s 7	4 59	12 41	2 27	13 24	0 10	5 25	0 35	21 25	0 6	22 19	1 2	14 24	0 30	5 54	1 27
T 25	0 39 8 13	4 57	13 11	2 34	13 51	0 13	5 41	0 35	21 24	0 6	22 19	1 2	14 23	0 30	5 55	1 27
F 26	1 2 13 2	4 38	13 39	2 42	14 17	0 17	5 56	0 34	21 23	0 6	22 19	1 2	14 23	0 30	5 56	1 27
S 27	1 25 17 18	4 4	14 6	2 49	14 44	0 20	6 11	0 34	21 21	0 6	22 20	1 2	14 22	0 30	5 57	1 27
S 28	1 48 20 42	3 16	14 32	2 56	15 9	0 23	6 27	0 33	21 20	0 6	22 20	1 1	14 22	0 30	5 57	1 27
M29	2 12 22 57	2 15	14 57	3 3	15 35	0 27	6 42	0 33	21 19	0 6	22 20	1 1	14 21	0 30	5 58	1 27
T 30	2s35 23s51	1s 6	15s19	3s10	16s 0	0s30	6s57	0n32	21n18	0s 6	22s20	1n 1	14n21	0s30	5s59	1n27

Julian Day Number = 2673124.5, Delta T = 20m38s

Ecliptic obliquity = 23°21'38", Nutation = 0°00'18"

Ayanamsha: Fagan/Bradley = 33°13'32", Lahiri = 32°20'32"

# ASTRODIENST EPHEMERIS for the year 2606

OCTOBER 2606

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	0 37 14	7♂29'29	1♂ 7	3♂24	13♂39	19♂44	23♂15	28♂49	10°R 9	18♂47	21°R23	29°R47	0♂ 4	20♂59	10°R 0	W 1
T 2	0 41 10	8°28'08	15°12	4° 5	14°51	20°23	23°23	28°52	10♂ 7	18°50	21♂22	29♂46	0° 1	21° 5	9♂58	T 2
F 3	0 45 7	9°26'48	29°22	4°42	16° 3	21° 3	23°30	28°55	10° 5	18°52	21°22	29°45	29♂58	21°12	9°55	F 3
S 4	0 49 3	10°25'30	13♂38	5°14	17°14	21°42	23°37	28°58	10° 3	18°54	21°21	29°42	29°55	21°19	9°52	S 4
S 5	0 53 0	11°24'14	27°55	5°42	18°26	22°21	23°45	29° 1	10° 1	18°56	21°20	29°36	29°51	21°25	9°49	S 5
M 6	0 56 56	12°22'59	12♂10	6° 5	19°37	23° 1	23°52	29° 4	9°59	18°59	21°19	29°28	29°48	21°32	9°47	M 6
T 7	1 0 53	13°21'46	26°18	6°22	20°49	23°40	23°58	29° 8	9°57	19° 1	21°18	29°17	29°45	21°39	9°44	T 7
W 8	1 4 50	14°20'35	10♂14	6°33	22° 0	24°19	24° 5	29°11	9°55	19° 3	21°17	29° 5	29°42	21°45	9°41	W 8
T 9	1 8 46	15°19'26	23°54	6°R38	23°11	24°59	24°12	29°14	9°53	19° 5	21°17	28°54	29°39	21°52	9°38	T 9
F 10	1 12 43	16°18'19	7♂15	6°36	24°23	25°38	24°18	29°18	9°51	19° 7	21°16	28°44	29°35	21°59	9°36	F 10
S 11	1 16 39	17°17'14	20°14	6°27	25°34	26°18	24°24	29°21	9°48	19°10	21°15	28°36	29°32	22° 5	9°33	S 11
S 12	1 20 36	18°16'11	2♂52	6°11	26°45	26°57	24°30	29°25	9°46	19°12	21°14	28°30	29°29	22°12	9°30	S 12
M13	1 24 32	19°15'11	15°12	5°46	27°56	27°37	24°36	29°29	9°44	19°14	21°13	28°28	29°26	22°19	9°28	M13
T 14	1 28 29	20°14'13	27°17	5°15	29° 7	28°17	24°42	29°32	9°42	19°16	21°12	28°D27	29°23	22°25	9°25	T 14
W15	1 32 25	21°13'16	9♂11	4°35	0♂19	28°56	24°48	29°36	9°39	19°19	21°11	28°27	29°20	22°32	9°22	W15
T 16	1 36 22	22°12'23	21° 1	3°48	1°30	29°36	24°53	29°40	9°37	19°21	21°10	28°R27	29°16	22°39	9°20	T 16
F 17	1 40 19	23°11'31	2♂50	2°54	2°40	0♂16	24°59	29°44	9°35	19°23	21° 9	28°27	29°13	22°45	9°17	F 17
S 18	1 44 15	24°10'42	14°45	1°54	3°51	0°56	25° 4	29°49	9°32	19°25	21° 8	28°25	29°10	22°52	9°14	S 18
S 19	1 48 12	25° 9'55	26°50	0°48	5° 2	1°35	25° 9	29°53	9°30	19°27	21° 7	28°20	29° 7	22°59	9°12	S 19
M20	1 52 8	26° 9'10	9♂10	29♂39	6°13	2°15	25°13	29°57	9°28	19°30	21° 6	28°13	29° 4	23° 5	9° 9	M20
T 21	1 56 5	27° 8'27	21°48	28°28	7°24	2°55	25°18	0♂ 1	9°25	19°32	21° 5	28° 4	29° 0	23°12	9° 7	T 21
W22	2 0 1	28° 7'47	4♂46	27°16	8°35	3°35	25°22	0° 6	9°23	19°34	21° 4	27°54	28°57	23°18	9° 4	W22
T 23	2 3 58	29° 7'08	18° 3	26° 6	9°45	4°15	25°27	0°10	9°21	19°36	21° 3	27°43	28°54	23°25	9° 1	T 23
F 24	2 7 54	0♂ 6'32	1♂38	25° 1	10°56	4°55	25°31	0°15	9°18	19°39	21° 2	27°34	28°51	23°32	8°59	F 24
S 25	2 11 51	1° 5'58	15°28	24° 0	12° 6	5°35	25°35	0°19	9°16	19°41	21° 1	27°26	28°48	23°38	8°56	S 25
S 26	2 15 48	2° 5'26	29°29	23° 8	13°17	6°16	25°38	0°24	9°13	19°43	21° 0	27°20	28°45	23°45	8°54	S 26
M27	2 19 44	3° 4'55	13♂37	22°24	14°27	6°56	25°42	0°29	9°11	19°45	20°59	27°17	28°41	23°52	8°51	M27
T 28	2 23 41	4° 4'27	27°49	21°50	15°37	7°36	25°45	0°34	9° 8	19°47	20°58	27°D16	28°38	23°58	8°49	T 28
W29	2 27 37	5° 4'00	12♂ 1	21°27	16°48	8°16	25°48	0°39	9° 6	19°49	20°57	27°17	28°35	24° 5	8°47	W29
T 30	2 31 34	6° 3'35	26°12	21°15	17°58	8°57	25°51	0°44	9° 4	19°52	20°56	27°18	28°32	24°12	8°44	T 30
F 31	2 35 30	7♂ 3'11	10♂20	21°D15	19♂ 8	9♂37	25♂54	0♂49	9♂ 1	19♂54	20♂55	27°R18	28♂29	24♂18	8♂42	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	2s58	23s14	0n 7	15s40	3s16	16s25	0s33	7s13	0n32	21n17	0s 5	22s20	1n 1	14n20	0s30	W 1
T 2	3 21	21 10	1 21	16 0	3 21	16 50	0 37	7 28	0 31	21 15	0 5	22 21	1 1	14 19	0 30	T 2
F 3	3 44	17 46	2 30	16 17	3 26	17 14	0 40	7 43	0 30	21 14	0 5	22 21	1 1	14 19	0 30	F 3
S 4	4 7	13 19	3 30	16 32	3 31	17 37	0 44	7 58	0 30	21 13	0 5	22 21	1 0	14 18	0 30	S 4
S 5	4 30	8 8	4 17	16 45	3 35	18 1	0 47	8 13	0 29	21 12	0 5	22 21	1 0	14 17	0 30	S 5
M 6	4 53	2 32	4 48	16 56	3 38	18 23	0 50	8 28	0 29	21 11	0 5	22 21	1 0	14 17	0 30	M 6
T 7	5 15	3n 8	5 1	17 4	3 40	18 46	0 54	8 43	0 28	21 10	0 5	22 22	1 0	14 16	0 30	T 7
W 8	5 38	8 35	4 56	17 9	3 42	19 8	0 57	8 58	0 28	21 9	0 5	22 22	1 0	14 15	0 30	W 8
T 9	6 1	13 29	4 34	17 11	3 42	19 29	1 1	9 13	0 27	21 8	0 5	22 22	1 0	14 15	0 30	T 9
F 10	6 23	17 37	3 57	17 10	3 42	19 50	1 4	9 28	0 27	21 7	0 5	22 22	0 59	14 14	0 30	F 10
S 11	6 46	20 46	3 8	17 5	3 40	20 11	1 7	9 43	0 26	21 6	0 4	22 22	0 59	14 13	0 30	S 11
S 12	7 8	22 49	2 12	16 56	3 37	20 31	1 11	9 57	0 26	21 5	0 4	22 22	0 59	14 13	0 30	S 12
M13	7 31	23 42	1 10	16 44	3 32	20 50	1 14	10 12	0 25	21 4	0 4	22 23	0 59	14 12	0 30	M13
T 14	7 53	23 26	0 6	16 27	3 25	21 9	1 18	10 27	0 25	21 3	0 4	22 23	0 59	14 11	0 30	T 14
W15	8 15	22 6	0s57	16 6	3 17	21 28	1 21	10 41	0 24	21 2	0 4	22 23	0 59	14 11	0 30	W15
T 16	8 37	19 47	1 57	15 41	3 7	21 46	1 24	10 56	0 24	21 1	0 4	22 23	0 58	14 10	0 30	T 16
F 17	8 59	16 39	2 53	15 11	2 56	22 3	1 27	11 10	0 23	21 0	0 4	22 23	0 58	14 9	0 30	F 17
S 18	9 21	12 50	3 41	14 37	2 42	22 20	1 31	11 24	0 23	20 59	0 4	22 23	0 58	14 8	0 30	S 18
S 19	9 42	8 27	4 20	14 0	2 27	22 36	1 34	11 39	0 22	20 59	0 4	22 24	0 58	14 8	0 30	S 19
M20	10 4	3 39	4 48	13 20	2 10	22 52	1 37	11 53	0 21	20 58	0 4	22 24	0 58	14 7	0 30	M20
T 21	10 25	1s24	5 3	12 37	1 51	23 7	1 40	12 7	0 21	20 57	0 3	22 24	0 58	14 6	0 30	T 21
W22	10 46	6 31	5 2	11 54	1 32	23 22	1 43	12 21	0 20	20 56	0 3	22 24	0 58	14 5	0 30	W22
T 23	11 8	11 27	4 46	11 10	1 12	23 36	1 46	12 35	0 20	20 56	0 3	22 24	0 57	14 5	0 30	T 23
F 24	11 28	15 57	4 13	10 26	0 51	23 49	1 49	12 49	0 19	20 55	0 3	22 24	0 57	14 4	0 30	F 24
S 25	11 49	19 41	3 25	9 45	0 30	24 2	1 52	13 3	0 19	20 54	0 3	22 25	0 57	14 3	0 30	S 25
S 26	12 10	22 18	2 23	9 7	0 10	24 14	1 55	13 17	0 18	20 54	0 3	22 25	0 57	14 2	0 30	S 26
M27	12 30	23 34	1 13	8 33	0n 9	24 25	1 58	13 30	0 18	20 53	0 3	22 25	0 57	14 2	0 30	M27
T 28	12 50	23 18	0n 3	8 3	0 28	24 36	2 1	13 44	0 17	20 53	0 3	22 25	0 57	14 1	0 30	T 28
W29	13 10	21 31	1 19	7 39	0 45	24 46	2 4	13 57	0 17	20 52	0 3	22 25	0 57	14 0	0 30	W29
T 30	13 30	18 24	2 29	7 20	1 0	24 55	2 7	14 11	0 16	20 52	0 2	22 25	0 56	13 59	0 30	T 30
F 31	13s49	14s13	3n31	7s 7	1n14	25s 4	2s 9	14s24	0n15	20n51	0s 2	22s25	0n56	13n58	0s30	F 31

Julian Day Number = 2673154.5, Delta T = 20m38s  
 Ecliptic obliquity = 23°21'38, Nutation = 0°00'17  
 Ayanamsha: Fagan/Bradley = 33°13'37, Lahiri = 32°20'36

## ASTRODIENST EPHEMERIS for the year 2606

NOVEMBER 2606

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 39 27	8♈ 2°50	24♐23	21♊25	20♋18	10♈17	25♏57	0♈54	8°R59	19♏56	20°R54	27°R17	28♋26	24♏25	8°R40	S 1
S 2	2 43 23	9° 2'29	8♈21	21°46	21°28	10°58	25°59	0°59	8♈56	19°58	20♈52	27♋14	28°22	24°32	8♈37	S 2
M 3	2 47 20	10° 2'11	22°11	22°17	22°38	11°38	26° 1	1° 4	8°54	20° 0	20°51	27° 8	28°19	24°38	8°35	M 3
T 4	2 51 17	11° 1'54	5♈52	22°57	23°47	12°19	26° 3	1°10	8°51	20° 2	20°50	27° 1	28°16	24°45	8°33	T 4
W 5	2 55 13	12° 1'39	19°22	23°45	24°57	12°59	26° 5	1°15	8°49	20° 4	20°49	26°53	28°13	24°52	8°31	W 5
T 6	2 59 10	13° 1'25	2♈38	24°41	26° 7	13°40	26° 7	1°21	8°46	20° 7	20°48	26°46	28°10	24°58	8°29	T 6
F 7	3 3 6	14° 1'14	15°39	25°43	27°16	14°21	26° 8	1°26	8°44	20° 9	20°47	26°39	28° 6	25° 5	8°26	F 7
S 8	3 7 3	15° 1'05	28°24	26°51	28°26	15° 1	26°10	1°32	8°42	20°11	20°46	26°34	28° 3	25°12	8°24	S 8
S 9	3 10 59	16° 0'57	10♈53	28° 4	29°35	15°42	26°11	1°37	8°39	20°13	20°45	26°30	28° 0	25°18	8°22	S 9
M10	3 14 56	17° 0'52	23° 7	29°21	0♈44	16°23	26°11	1°43	8°37	20°15	20°44	26°D29	27°57	25°25	8°20	M10
T 11	3 18 52	18° 0'49	5♈ 9	0♈42	1°53	17° 4	26°12	1°49	8°34	20°17	20°42	26°29	27°54	25°32	8°18	T 11
W12	3 22 49	19° 0'48	17° 3	2° 7	3° 2	17°45	26°13	1°54	8°32	20°19	20°41	26°31	27°51	25°38	8°16	W12
T 13	3 26 46	20° 0'48	28°52	3°33	4°11	18°25	26°13	2° 0	8°30	20°21	20°40	26°32	27°47	25°45	8°15	T 13
F 14	3 30 42	21° 0'51	10♈41	5° 2	5°20	19° 6	26°R13	2° 6	8°27	20°23	20°39	26°34	27°44	25°52	8°13	F 14
S 15	3 34 39	22° 0'56	22°35	6°33	6°28	19°47	26°13	2°12	8°25	20°25	20°38	26°R34	27°41	25°58	8°11	S 15
S 16	3 38 35	23° 1'03	4♈40	8° 5	7°37	20°28	26°12	2°18	8°22	20°27	20°37	26°34	27°38	26° 5	8° 9	S 16
M17	3 42 32	24° 1'12	17° 0	9°39	8°45	21°10	26°12	2°24	8°20	20°29	20°36	26°31	27°35	26°12	8° 7	M17
T 18	3 46 28	25° 1'23	29°39	11°13	9°53	21°51	26°11	2°30	8°18	20°31	20°35	26°28	27°32	26°18	8° 6	T 18
W19	3 50 25	26° 1'36	12♈41	12°48	11° 2	22°32	26°10	2°36	8°15	20°33	20°34	26°23	27°28	26°25	8° 4	W19
T 20	3 54 21	27° 1'51	26° 7	14°23	12°10	23°13	26° 9	2°42	8°13	20°34	20°32	26°18	27°25	26°32	8° 3	T 20
F 21	3 58 18	28° 2'08	9♈55	15°59	13°17	23°54	26° 8	2°49	8°11	20°36	20°31	26°14	27°22	26°38	8° 1	F 21
S 22	4 2 14	29° 2'27	24° 5	17°36	14°25	24°36	26° 6	2°55	8° 9	20°38	20°30	26°10	27°19	26°45	8° 0	S 22
S 23	4 6 11	0♈ 2'47	8♈30	19°12	15°33	25°17	26° 4	3° 1	8° 6	20°40	20°29	26° 8	27°16	26°52	7°58	S 23
M24	4 10 8	1° 3'10	23° 6	20°48	16°40	25°59	26° 2	3° 7	8° 4	20°42	20°28	26°D 7	27°12	26°58	7°57	M24
T 25	4 14 4	2° 3'33	7♈45	22°25	17°47	26°40	26° 0	3°14	8° 2	20°44	20°27	26° 7	27° 9	27° 5	7°55	T 25
W26	4 18 1	3° 3'59	22°22	24° 1	18°55	27°21	25°58	3°20	8° 0	20°45	20°26	26° 8	27° 6	27°12	7°54	W26
T 27	4 21 57	4° 4'25	6♈51	25°37	20° 1	28° 3	25°55	3°27	7°58	20°47	20°25	26°10	27° 3	27°18	7°53	T 27
F 28	4 25 54	5° 4'53	21° 9	27°13	21° 8	28°45	25°53	3°33	7°56	20°49	20°24	26°11	27° 0	27°25	7°52	F 28
S 29	4 29 50	6° 5'21	5♈13	28°50	22°15	29°26	25°50	3°40	7°54	20°51	20°22	26°R12	26°57	27°32	7°51	S 29
S 30	4 33 47	7♈ 5'51	19♈ 3	0♈25	23♈21	0♈ 8	25°47	3♈46	7♈52	20♈52	20♈21	26♈11	26♈53	27°38	7♈49	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂	♂	♂	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s 9	9s16	4n19	6s59	1n27	25s12	2s12	14s37	0n15	20n51	0s 2	22s25	0n56	13n58	0s30	6s25	1n27	2n14	16s14	23s20	23s21	18n56	5n39	2n26
S 2	14 28	3 54	4 52	6 57	1 37	25 20	2 15	14 50	0 14	20 51	0 2	22 25	0 56	13 57	0 30	6 26	1 27	2 13	16 14	23 20	23 21	18 54	5 38	2 25
M 3	14 47	1n37	5 7	7 0	1 46	25 26	2 17	15 3	0 14	20 50	0 2	22 26	0 56	13 56	0 30	6 27	1 27	2 13	16 14	23 20	23 21	18 52	5 37	2 25
T 4	15 5	6 59	5 4	7 8	1 53	25 32	2 20	15 16	0 13	20 50	0 2	22 26	0 56	13 55	0 30	6 28	1 27	2 13	16 14	23 20	23 21	18 51	5 36	2 25
W 5	15 24	11 57	4 45	7 20	1 59	25 38	2 22	15 29	0 13	20 50	0 2	22 26	0 56	13 55	0 30	6 29	1 27	2 12	16 14	23 19	23 21	18 49	5 35	2 25
T 6	15 42	16 16	4 10	7 37	2 4	25 42	2 24	15 42	0 12	20 50	0 2	22 26	0 55	13 54	0 30	6 29	1 27	2 12	16 14	23 19	23 21	18 47	5 34	2 25
F 7	16 0	19 43	3 23	7 56	2 7	25 46	2 26	15 54	0 11	20 50	0 2	22 26	0 55	13 53	0 30	6 30	1 27	2 12	16 14	23 19	23 21	18 45	5 33	2 25
S 8	16 17	22 7	2 27	8 19	2 9	25 50	2 29	16 7	0 11	20 49	0 1	22 26	0 55	13 52	0 30	6 31	1 27	2 12	16 14	23 19	23 21	18 43	5 32	2 25
S 9	16 35	23 23	1 24	8 44	2 9	25 52	2 31	16 19	0 10	20 49	0 1	22 26	0 55	13 52	0 30	6 32	1 27	2 11	16 14	23 19	23 21	18 41	5 31	2 24
M10	16 52	23 29	0 18	9 12	2 9	25 54	2 33	16 32	0 10	20 49	0 1	22 26	0 55	13 51	0 30	6 32	1 27	2 11	16 14	23 19	23 21	18 39	5 30	2 24
T 11	17 8	22 28	0s47	9 41	2 8	25 55	2 34	16 44	0 9	20 49	0 1	22 26	0 55	13 50	0 30	6 33	1 27	2 11	16 14	23 19	23 21	18 37	5 29	2 24
W12	17 25	20 28	1 50	10 12	2 6	25 56	2 36	16 56	0 9	20 49	0 1	22 26	0 55	13 49	0 30	6 34	1 27	2 10	16 14	23 19	23 21	18 35	5 29	2 24
T 13	17 41	17 35	2 48	10 44	2 3	25 56	2 38	17 8	0 8	20 49	0 1	22 26	0 55	13 49	0 30	6 34	1 27	2 10	16 14	23 19	23 21	18 33	5 28	2 24
F 14	17 57	14 0	3 38	11 16	2 0	25 55	2 40	17 19	0 8	20 50	0 1	22 26	0 54	13 48	0 30	6 35	1 27	2 10	16 14	23 19	23 20	18 31	5 27	2 24
S 15	18 13	9 50	4 20	11 50	1 56	25 53	2 41	17 31	0 7	20 50	0 1	22 26	0 54	13 47	0 30	6 36	1 27	2 10	16 14	23 19	23 20	18 29	5 26	2 23
S 16	18 28	5 15	4 50	12 24	1 52	25 51	2 42	17 42	0 6	20 50	0 0	22 26	0 54	13 46	0 30	6 37	1 27	2 9	16 14	23 19	23 20	18 27	5 25	2 23
M17	18 43	0 22	5 9	12 58	1 47	25 48	2 44	17 54	0 6	20 50	0 0	22 26	0 54	13 46	0 30	6 37	1 28	2 9	16 14	23 19	23 20	18 25	5 24	2 23
T 18	18 58	4s39	5 12	13 32	1 42	25 44	2 45	18 5	0 5	20 50	0 0	22 26	0 54	13 45	0 30	6 38	1 28	2 9	16 14	23 19	23 20	18 23	5 23	2 23
W19	19 12	9 36	5 0	14 6	1 36	25 40	2 46	18 16	0 5	20 51	0 0	22 26	0 54	13 44	0 30	6 39	1 28	2 9	16 14	23 19	23 20	18 21	5 23	2 23
T 20	19 26	14 16	4 32	14 40	1 30	25 35	2 47	18 27	0 4	20 51	0n 0	22 26	0 54	13 43	0 30	6 39	1 28	2 9	16 14	23 19	23 20	18 19	5 22	2 23
F 21	19 39	18 20	3 47	15 14	1 24	25 29	2 48	18 38	0 3	20 51	0 0	22 26	0 54	13 43	0 30	6 40	1 28	2 8	16 14	23 18	23 20	18 17	5 21	2 22
S 22	19 53	21 26	2 47	15 47	1 18	25 23	2 49	18 49	0 3	20 52	0 0	22 26	0 53	13 42	0 30	6 41	1 28	2 8	16 14	23 18	23 20	18 15	5 20	2 22
S 23	20 6	23 13	1 35	16 19	1 11	25 16	2 49	18 59	0 2	20 52	0 0	22 26	0 53	13 41	0 30	6 41	1 28	2 8	16 14	23 18	23 20	18 13	5 20	2 22
M24	20 18	23 27	0 17	16 51	1 5	25 8	2 50	19 9	0 2	20 53	0 1	22 26	0 53	13 41	0 30	6 42	1 28	2 8	16 13	23 18	23 20	18 11	5 19	2 22
T 25	20 30	22 5	1n 4	17 23	0 58	25 0	2 50	19 20	0 1	20 53	0 1	22 26	0 53	13 40	0 30	6 43	1 28	2 8	16 13	23 18	23 20	18 9	5 18	2 22
W26	20 42	19 13	2 20	17 53	0 51	24 51	2 51	19 30	0 1	20 54	0 1	22 26	0 53	13 39	0 30	6 43	1 28	2 7	16 13	23 18	23 20	18 7	5 18	2 21
T 27	20 54	15 10	3 26	18 23	0 44	24 41	2 51	19 40	0s 0	20 54	0 1	22 26	0 53	13 39	0 30	6 44	1 28	2 7	16 13	23 18	23 20	18 5	5 17	2 21
F 28	21 5	10 19	4 19	18 52	0 38	24 31	2 51	19 49	0 1	20 55	0 1	22 26	0 53	13 38	0 30	6 44	1 28	2 7	16 13	23 18	23 20	18 3	5 16	2 21
S 29	21 15	4 59	4 55	19 20	0 31	24 20	2 51	19 59	0 1	20 56	0 1	22 26	0 53	13 37	0 30	6 45	1 28	2 7	16 13	23 18	23 20	18 1	5 16	2 21
S 30	21s25	0n30	5n13	19s47	0n24	24s 9	2s51	20s 8	0s 2	20n56	0n 1	22s26	0n53	13n37	0s30	6s46	1n28	2n 7	16s13	23s18	23s19	17n59	5n15	2n21

## ASTRODIENST EPHEMERIS for the year 2606

DECEMBER 2606

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	4 37 44	8♂ 6'23	2♂38	2♂ 1	24♂27	0♂50	25°R43	3♂53	7°R49	20♂54	20°R20	26°R10	26♂50	27♂45	7°R48	M 1
T 2	4 41 40	9° 6'55	15°58	3°37	25°33	1°31	25♂40	4° 0	7♂47	20°56	20♂19	26♂ 8	26°47	27°52	7♂47	T 2
W 3	4 45 37	10° 7'29	29° 4	5°12	26°39	2°13	25°36	4° 6	7°46	20°57	20°18	26° 5	26°44	27°58	7°46	W 3
T 4	4 49 33	11° 8'04	11♂56	6°47	27°44	2°55	25°32	4°13	7°44	20°59	20°17	26° 3	26°41	28° 5	7°46	T 4
F 5	4 53 30	12° 8'40	24°35	8°22	28°50	3°37	25°28	4°20	7°42	21° 0	20°16	26° 1	26°38	28°12	7°45	F 5
S 6	4 57 26	13° 9'18	7♂ 2	9°57	29°55	4°19	25°24	4°26	7°40	21° 2	20°15	26° 0	26°34	28°18	7°44	S 6
S 7	5 1 23	14° 9'57	19°17	11°32	0♂59	5° 1	25°19	4°33	7°38	21° 3	20°14	25°59	26°31	28°25	7°43	S 7
M 8	5 5 19	15°10'37	1♂22	13° 7	2° 4	5°43	25°15	4°40	7°36	21° 5	20°13	25°D59	26°28	28°32	7°43	M 8
T 9	5 9 16	16°11'18	13°20	14°41	3° 8	6°25	25°10	4°47	7°34	21° 6	20°12	26° 0	26°25	28°38	7°42	T 9
W10	5 13 13	17°12'01	25°11	16°16	4°12	7° 7	25° 5	4°54	7°33	21° 8	20°11	26° 0	26°22	28°45	7°41	W10
T 11	5 17 9	18°12'46	6♂59	17°50	5°16	7°49	25° 0	5° 1	7°31	21° 9	20°10	26° 1	26°18	28°52	7°41	T 11
F 12	5 21 6	19°13'32	18°49	19°24	6°19	8°31	24°55	5° 8	7°29	21°11	20° 9	26° 2	26°15	28°58	7°41	F 12
S 13	5 25 2	20°14'19	0♂42	20°58	7°22	9°14	24°49	5°14	7°28	21°12	20° 8	26° 3	26°12	29° 5	7°40	S 13
S 14	5 28 59	21°15'07	12°45	22°33	8°25	9°56	24°44	5°21	7°26	21°13	20° 7	26° 3	26° 9	29°12	7°40	S 14
M15	5 32 55	22°15'57	25° 2	24° 7	9°27	10°38	24°38	5°28	7°25	21°14	20° 6	26°R 3	26° 6	29°18	7°40	M15
T 16	5 36 52	23°16'48	7♂36	25°41	10°29	11°21	24°32	5°35	7°23	21°16	20° 5	26° 3	26° 3	29°25	7°39	T 16
W17	5 40 48	24°17'41	20°33	27°15	11°31	12° 3	24°26	5°42	7°22	21°17	20° 5	26° 3	25°59	29°32	7°39	W17
T 18	5 44 45	25°18'35	3♂55	28°49	12°33	12°46	24°20	5°49	7°20	21°18	20° 4	26° 3	25°56	29°38	7°39	T 18
F 19	5 48 42	26°19'30	17°44	0♂23	13°34	13°28	24°13	5°56	7°19	21°19	20° 3	26°D 3	25°53	29°45	7°D39	F 19
S 20	5 52 38	27°20'26	1♂59	1°57	14°34	14°11	24° 7	6° 3	7°17	21°21	20° 2	26° 3	25°50	29°52	7°39	S 20
S 21	5 56 35	28°21'24	16°36	3°32	15°34	14°53	24° 0	6°10	7°16	21°22	20° 1	26° 3	25°47	29°58	7°39	S 21
M22	6 0 31	29°22'22	1♂30	5° 6	16°34	15°36	23°54	6°18	7°15	21°23	20° 0	26°R 3	25°44	0♂ 5	7°39	M22
T 23	6 4 28	0♂23'22	16°33	6°40	17°34	16°19	23°47	6°25	7°14	21°24	19°59	26° 3	25°40	0°12	7°39	T 23
W24	6 8 24	1°24'22	1♂36	8°15	18°32	17° 2	23°40	6°32	7°13	21°25	19°59	26° 2	25°37	0°18	7°40	W24
T 25	6 12 21	2°25'22	16°31	9°49	19°31	17°44	23°33	6°39	7°11	21°26	19°58	26° 2	25°34	0°25	7°40	T 25
F 26	6 16 18	3°26'23	1♂ 9	11°24	20°29	18°27	23°26	6°46	7°10	21°27	19°57	26° 1	25°31	0°32	7°40	F 26
S 27	6 20 14	4°27'24	15°27	12°59	21°26	19°10	23°18	6°53	7° 9	21°28	19°56	26° 0	25°28	0°38	7°41	S 27
S 28	6 24 11	5°28'26	29°23	14°33	22°23	19°53	23°11	7° 0	7° 8	21°29	19°55	26°D 0	25°24	0°45	7°41	S 28
M29	6 28 7	6°29'28	12♂55	16° 8	23°19	20°36	23° 3	7° 7	7° 8	21°30	19°55	26° 0	25°21	0°52	7°41	M29
T 30	6 32 4	7°30'31	26° 5	17°43	24°15	21°19	22°56	7°14	7° 7	21°30	19°54	26° 0	25°18	0°58	7°42	T 30
W31	6 36 0	8♂31'34	8♂56	19♂18	25♂10	22♂ 2	22♂48	7♂21	7♂ 6	21♂31	19♂53	26♂ 1	25♂15	1♂ 5	7♂43	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	21s35	5n51	5n14	20s13	0n17	23s57	2s50	20s18	0s 2	20n57	0n 1	22s26	0n53	13n36	0s30	6s46	1n28
T 2	21 45	10 50	4 57	20 39	0 10	23 44	2 50	20 27	0 3	20 58	0 2	22 26	0 52	13 35	0 30	6 47	1 28
W 3	21 54	15 14	4 25	21 3	0 3	23 31	2 49	20 36	0 4	20 59	0 2	22 25	0 52	13 35	0 30	6 47	1 28
T 4	22 2	18 52	3 40	21 26	0s 4	23 18	2 48	20 44	0 4	21 0	0 2	22 25	0 52	13 34	0 30	6 48	1 28
F 5	22 10	21 32	2 45	21 48	0 11	23 3	2 47	20 53	0 5	21 1	0 2	22 25	0 52	13 34	0 30	6 48	1 28
S 6	22 18	23 6	1 43	22 9	0 17	22 49	2 46	21 1	0 5	21 1	0 2	22 25	0 52	13 33	0 30	6 49	1 28
S 7	22 25	23 33	0 37	22 29	0 24	22 33	2 45	21 10	0 6	21 2	0 2	22 25	0 52	13 32	0 30	6 49	1 28
M 8	22 32	22 51	0s30	22 48	0 31	22 18	2 44	21 18	0 7	21 3	0 2	22 25	0 52	13 32	0 30	6 50	1 28
T 9	22 39	21 7	1 35	23 6	0 37	22 1	2 42	21 26	0 7	21 4	0 3	22 25	0 52	13 31	0 30	6 51	1 28
W10	22 45	18 29	2 35	23 22	0 43	21 44	2 40	21 33	0 8	21 5	0 3	22 25	0 52	13 31	0 30	6 51	1 28
T 11	22 50	15 6	3 29	23 38	0 50	21 27	2 39	21 41	0 8	21 6	0 3	22 24	0 52	13 30	0 30	6 51	1 28
F 12	22 55	11 7	4 13	23 52	0 56	21 10	2 37	21 48	0 9	21 8	0 3	22 24	0 51	13 30	0 30	6 52	1 29
S 13	23 0	6 42	4 47	24 5	1 2	20 51	2 34	21 55	0 10	21 9	0 3	22 24	0 51	13 29	0 30	6 52	1 29
S 14	23 4	1 59	5 9	24 16	1 7	20 33	2 32	22 2	0 10	21 10	0 3	22 24	0 51	13 29	0 30	6 53	1 29
M15	23 8	2s54	5 18	24 27	1 13	20 14	2 30	22 9	0 11	21 11	0 3	22 24	0 51	13 28	0 30	6 53	1 29
T 16	23 11	7 47	5 11	24 36	1 18	19 54	2 27	22 15	0 11	21 12	0 4	22 23	0 51	13 28	0 30	6 54	1 29
W17	23 14	12 28	4 49	24 44	1 24	19 35	2 24	22 22	0 12	21 13	0 4	22 23	0 51	13 27	0 30	6 54	1 29
T 18	23 17	16 43	4 11	24 50	1 29	19 14	2 21	22 28	0 13	21 15	0 4	22 23	0 51	13 27	0 30	6 55	1 29
F 19	23 19	20 13	3 17	24 55	1 34	18 54	2 18	22 34	0 13	21 16	0 4	22 23	0 51	13 26	0 30	6 55	1 29
S 20	23 20	22 37	2 10	24 59	1 38	18 33	2 14	22 39	0 14	21 17	0 4	22 23	0 51	13 26	0 30	6 55	1 29
S 21	23 21	23 33	0 52	25 1	1 43	18 12	2 11	22 45	0 14	21 18	0 4	22 22	0 51	13 26	0 30	6 56	1 29
M22	23 22	22 51	0n30	25 2	1 47	17 50	2 7	22 50	0 15	21 20	0 4	22 22	0 51	13 25	0 29	6 56	1 29
T 23	23 22	20 30	1 52	25 2	1 51	17 28	2 3	22 55	0 16	21 21	0 5	22 22	0 51	13 25	0 29	6 56	1 29
W24	23 21	16 44	3 5	25 0	1 54	17 6	1 59	23 0	0 16	21 22	0 5	22 22	0 51	13 25	0 29	6 57	1 29
T 25	23 20	11 56	4 5	24 57	1 58	16 44	1 54	23 5	0 17	21 24	0 5	22 21	0 50	13 24	0 29	6 57	1 29
F 26	23 19	6 32	4 48	24 53	2 1	16 21	1 50	23 9	0 17	21 25	0 5	22 21	0 50	13 24	0 29	6 57	1 29
S 27	23 17	0 55	5 12	24 47	2 4	15 58	1 45	23 13	0 18	21 26	0 5	22 21	0 50	13 24	0 29	6 58	1 29
S 28	23 15	4n36	5 17	24 39	2 6	15 35	1 40	23 17	0 19	21 28	0 5	22 20	0 50	13 23	0 29	6 58	1 29
M29	23 12	9 45	5 4	24 30	2 8	15 12	1 35	23 21	0 19	21 29	0 5	22 20	0 50	13 23	0 29	6 58	1 29
T 30	23 9	14 18	4 35	24 20	2 10	14 48	1 30	23 24	0 20	21 31	0 6	22 20	0 50	13 23	0 29	6 58	1 29
W31	23s 5	18n 6	3n53	24s 8	2s11	14s24	1s24	23s28	0s20	21n32	0n 6	22s19	0n50	13n23	0s29	6s59	1n29

Julian Day Number = 2673215.5, Delta T = 20m39s

Ecliptic obliquity = 23°21'37", Nutation = 0°00'16"

Ayanamsha: Fagan/Bradley = 33°13'45", Lahiri = 32°20'45"

## ASTRODIENST EPHEMERIS for the year 2607

JANUARY 2607

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 39 57	9°32'37	21°31	20°53	26°55	22°45	22°R41	7°328	7°R 5	21°332	19°R53	26°R 2	25°R12	1°12	7°Y43	T 1
F 2	6 43 53	10°33'40	3°11	22°27	26°59	23°28	22°33	7°35	7°R 4	21°333	19°R52	26° 4	25° 9	1°18	7°44	F 2
S 3	6 47 50	11°34'44	16° 3	24° 2	27°52	24°11	22°25	7°43	7° 4	21°333	19°51	26° 5	25° 5	1°25	7°45	S 3
S 4	6 51 47	12°35'48	28° 5	25°36	28°44	24°55	22°17	7°50	7° 3	21°34	19°51	26°R 5	25° 2	1°32	7°46	S 4
M 5	6 55 43	13°36'52	10°1	27°11	29°36	25°38	22° 9	7°57	7° 2	21°35	19°50	26° 4	24°59	1°38	7°47	M 5
T 6	6 59 40	14°37'57	21°53	28°44	0°X27	26°21	22° 1	8° 4	7° 2	21°35	19°49	26° 3	24°56	1°45	7°48	T 6
W 7	7 3 36	15°39'02	3°143	0°18	1°17	27° 5	21°53	8°11	7° 1	21°36	19°49	26° 0	24°53	1°52	7°49	W 7
T 8	7 7 33	16°40'08	15°32	1°50	2° 6	27°48	21°45	8°18	7° 1	21°37	19°48	25°57	24°50	1°58	7°50	T 8
F 9	7 11 29	17°41'13	27°24	3°22	2°55	28°32	21°37	8°25	7° 1	21°37	19°48	25°53	24°46	2° 5	7°51	F 9
S 10	7 15 26	18°42'19	9°120	4°54	3°42	29°15	21°29	8°32	7° 0	21°38	19°47	25°49	24°43	2°12	7°52	S 10
S 11	7 19 22	19°43'26	21°24	6°23	4°29	29°59	21°21	8°39	7° 0	21°38	19°47	25°46	24°40	2°18	7°53	S 11
M12	7 23 19	20°44'33	3°139	7°52	5°15	0°342	21°13	8°46	7° 0	21°38	19°46	25°43	24°37	2°25	7°54	M12
T 13	7 27 16	21°45'40	16° 9	9°19	5°59	1°26	21° 5	8°53	7° 0	21°39	19°46	25°D42	24°34	2°32	7°56	T 13
W14	7 31 12	22°46'47	28°59	10°43	6°43	2° 9	20°56	9° 0	6°59	21°39	19°45	25°42	24°30	2°38	7°57	W14
T 15	7 35 9	23°47'55	12°11	12° 5	7°26	2°53	20°48	9° 7	6°59	21°39	19°45	25°43	24°27	2°45	7°58	T 15
F 16	7 39 5	24°49'03	25°49	13°24	8° 7	3°37	20°40	9°14	6°D59	21°40	19°45	25°45	24°24	2°52	8° 0	F 16
S 17	7 43 2	25°50'12	9°154	14°40	8°47	4°21	20°32	9°21	6°59	21°40	19°44	25°46	24°21	2°58	8° 1	S 17
S 18	7 46 58	26°51'21	24°26	15°52	9°26	5° 5	20°24	9°28	7° 0	21°40	19°44	25°R47	24°18	3° 5	8° 3	S 18
M19	7 50 55	27°52'29	9°31	16°58	10° 4	5°48	20°16	9°35	7° 0	21°40	19°44	25°46	24°15	3°12	8° 5	M19
T 20	7 54 51	28°53'38	24°32	17°59	10°41	6°32	20° 8	9°41	7° 0	21°40	19°43	25°44	24°11	3°19	8° 6	T 20
W21	7 58 48	29°54'46	9°49	18°54	11°16	7°16	20° 0	9°48	7° 0	21°41	19°43	25°40	24° 8	3°25	8° 8	W21
T 22	8 2 45	0°55'54	25° 2	19°42	11°49	8° 0	19°52	9°55	7° 0	21°41	19°43	25°35	24° 5	3°32	8°10	T 22
F 23	8 6 41	1°57'02	10°1	20°21	12°22	8°44	19°44	10° 2	7° 1	21°R41	19°42	25°29	24° 2	3°39	8°12	F 23
S 24	8 10 38	2°58'09	24°37	20°51	12°52	9°29	19°37	10° 8	7° 1	21°41	19°42	25°24	23°59	3°45	8°14	S 24
S 25	8 14 34	3°59'15	8°46	21°12	13°21	10°13	19°29	10°15	7° 2	21°41	19°42	25°20	23°56	3°52	8°16	S 25
M26	8 18 31	5° 0'21	22°26	21°R22	13°48	10°57	19°22	10°22	7° 2	21°40	19°42	25°17	23°52	3°59	8°17	M26
T 27	8 22 27	6° 1'26	5°39	21°20	14°14	11°41	19°14	10°29	7° 3	21°40	19°42	25°D16	23°49	4° 5	8°19	T 27
W28	8 26 24	7° 2'30	18°27	21° 7	14°38	12°25	19° 7	10°35	7° 3	21°40	19°41	25°17	23°46	4°12	8°22	W28
T 29	8 30 20	8° 3'34	0°1155	20°43	15° 0	13°10	18°59	10°42	7° 4	21°40	19°41	25°19	23°43	4°19	8°24	T 29
F 30	8 34 17	9° 4'37	13° 6	20° 6	15°19	13°54	18°52	10°48	7° 5	21°40	19°41	25°20	23°40	4°25	8°26	F 30
S 31	8 38 14	10°5'39	25°11	19°19	15°37	14°38	18°45	10°55	7° 5	21°40	19°41	25°R21	23°36	4°32	8°Y28	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	23s 1	20n59	3n 0	23s55	2s12	14s 1	1s18	23s31	0s21	21n33	0n 6	22s19	0n50	13n22	0s29	T 1
F 2	22 56	22 49	2 0	23 41	2 13	13 37	1 12	23 34	0 22	21 35	0 6	22 19	0 50	13 22	0 29	F 2
S 3	22 51	23 33	0 55	23 25	2 13	13 13	1 6	23 36	0 22	21 36	0 6	22 18	0 50	13 22	0 29	S 3
S 4	22 46	23 10	0s11	23 7	2 12	12 48	1 0	23 39	0 23	21 38	0 6	22 18	0 50	13 22	0 29	S 4
M 5	22 40	21 43	1 16	22 48	2 12	12 24	0 53	23 41	0 24	21 39	0 6	22 18	0 50	13 22	0 29	M 5
T 6	22 34	19 19	2 18	22 28	2 10	12 0	0 46	23 43	0 24	21 40	0 7	22 17	0 50	13 21	0 29	T 6
W 7	22 27	16 8	3 13	22 6	2 8	11 35	0 39	23 44	0 25	21 42	0 7	22 17	0 50	13 21	0 29	W 7
T 8	22 19	12 18	4 0	21 44	2 6	11 11	0 32	23 46	0 25	21 43	0 7	22 17	0 50	13 21	0 29	T 8
F 9	22 12	8 0	4 37	21 19	2 2	10 46	0 24	23 47	0 26	21 45	0 7	22 16	0 50	13 21	0 29	F 9
S 10	22 4	3 23	5 2	20 54	1 59	10 22	0 16	23 48	0 27	21 46	0 7	22 16	0 49	13 21	0 29	S 10
S 11	21 55	1s24	5 14	20 27	1 54	9 58	0 8	23 49	0 27	21 47	0 7	22 15	0 49	13 21	0 29	S 11
M12	21 46	6 13	5 11	20 0	1 49	9 33	0n 0	23 49	0 28	21 49	0 7	22 15	0 49	13 21	0 29	M12
T 13	21 36	10 52	4 55	19 31	1 43	9 9	0 9	23 50	0 29	21 50	0 7	22 15	0 49	13 21	0 29	T 13
W14	21 27	15 10	4 23	19 2	1 36	8 45	0 18	23 50	0 29	21 52	0 8	22 14	0 49	13 21	0 29	W14
T 15	21 16	18 53	3 37	18 31	1 28	8 20	0 27	23 49	0 30	21 53	0 8	22 14	0 49	13 21	0 29	T 15
F 16	21 6	21 41	2 37	18 1	1 20	7 57	0 36	23 49	0 30	21 54	0 8	22 13	0 49	13 21	0 29	F 16
S 17	20 55	23 17	1 26	17 30	1 10	7 33	0 46	23 48	0 31	21 56	0 8	22 13	0 49	13 21	0 29	S 17
S 18	20 43	23 22	0 7	16 59	0 59	7 9	0 55	23 47	0 32	21 57	0 8	22 12	0 49	13 21	0 29	S 18
M19	20 31	21 48	1n14	16 28	0 48	6 45	1 5	23 46	0 32	21 58	0 8	22 12	0 49	13 21	0 29	M19
T 20	20 19	18 40	2 31	15 57	0 35	6 22	1 16	23 45	0 33	22 0	0 8	22 12	0 49	13 21	0 29	T 20
W21	20 6	14 14	3 38	15 27	0 22	5 59	1 26	23 43	0 33	22 1	0 9	22 11	0 49	13 21	0 29	W21
T 22	19 53	8 55	4 28	14 59	0 7	5 37	1 37	23 41	0 34	22 2	0 9	22 11	0 49	13 21	0 29	T 22
F 23	19 40	3 9	5 0	14 32	0n 8	5 14	1 48	23 39	0 35	22 4	0 9	22 10	0 49	13 22	0 28	F 23
S 24	19 26	2n38	5 11	14 6	0 24	4 52	1 59	23 37	0 35	22 5	0 9	22 10	0 49	13 22	0 28	S 24
S 25	19 12	8 6	5 3	13 44	0 42	4 30	2 11	23 34	0 36	22 6	0 9	22 9	0 49	13 22	0 28	S 25
M26	18 57	12 59	4 37	13 24	0 59	4 9	2 23	23 31	0 37	22 7	0 9	22 9	0 49	13 22	0 28	M26
T 27	18 42	17 6	3 57	13 7	1 18	3 48	2 35	23 28	0 37	22 8	0 9	22 8	0 49	13 22	0 28	T 27
W28	18 27	20 15	3 7	12 54	1 36	3 28	2 47	23 25	0 38	22 10	0 9	22 8	0 49	13 23	0 28	W28
T 29	18 12	22 22	2 9	12 44	1 54	3 8	3 0	23 21	0 38	22 11	0 10	22 7	0 49	13 23	0 28	T 29
F 30	17 56	23 23	1 6	12 39	2 12	2 49	3 12	23 17	0 39	22 12	0 10	22 7	0 49	13 23	0 28	F 30
S 31	17s39	23n17	0n 1	12s37	2n29	2s30	3n25	23s13	0s40	22n13	0n10	22s 6	0n49	13n23	0s28	S 31

Julian Day Number = 2673246.5, Delta T = 20m39s

Ecliptic obliquity = 23°21'36, Nutation = 0°00'18

Ayanamsha: Fagan/Bradley = 33°13'49, Lahiri = 32°20'49

# ASTRODIENST EPHEMERIS for the year 2607

FEBRUARY 2607

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 42 10	11° 6'40	7° 1	18°R23	15°H53	15°23	18°R38	11°1	7° 6	21°R39	19°R41	25°R20	23°R33	4°R39	8°Y30	S 1
M 2	8 46 7	12° 7'40	18°51	17°R18	16° 7	16° 7	18°31	11° 8	7° 7	21°R39	19°R41	25°R17	23°30	4°45	8°33	M 2
T 3	8 50 3	13° 8'40	0°R39	16° 7	16°18	16°52	18°24	11°14	7° 8	21°39	19°D41	25°12	23°27	4°52	8°35	T 3
W 4	8 54 0	14° 9'39	12°29	14°53	16°28	17°36	18°18	11°20	7° 9	21°38	19°41	25° 4	23°24	4°59	8°37	W 4
T 5	8 57 56	15°10'37	24°23	13°36	16°34	18°21	18°11	11°27	7°10	21°38	19°41	24°55	23°21	5° 5	8°40	T 5
F 6	9 1 53	16°11'34	6°R20	12°20	16°39	19° 5	18° 5	11°33	7°11	21°37	19°41	24°44	23°17	5°12	8°42	F 6
S 7	9 5 49	17°12'30	18°24	11° 7	16°R41	19°50	17°59	11°39	7°12	21°37	19°41	24°34	23°14	5°19	8°45	S 7
S 8	9 9 46	18°13'26	0°R35	9°59	16°41	20°35	17°52	11°45	7°13	21°36	19°41	24°24	23°11	5°25	8°47	S 8
M 9	9 13 43	19°14'21	12°56	8°56	16°38	21°19	17°46	11°52	7°15	21°36	19°41	24°16	23° 8	5°32	8°50	M 9
T 10	9 17 39	20°15'16	25°28	8° 1	16°32	22° 4	17°41	11°58	7°16	21°35	19°42	24°11	23° 5	5°39	8°52	T 10
W 11	9 21 36	21°16'09	8°R16	7°14	16°25	22°49	17°35	12° 4	7°17	21°35	19°42	24° 8	23° 2	5°45	8°55	W 11
T 12	9 25 32	22°17'02	21°22	6°36	16°14	23°34	17°29	12°10	7°19	21°34	19°42	24°D 7	22°58	5°52	8°58	T 12
F 13	9 29 29	23°17'55	4°R49	6° 6	16° 1	24°19	17°24	12°16	7°20	21°33	19°42	24° 7	22°55	5°59	9° 0	F 13
S 14	9 33 25	24°18'46	18°40	5°45	15°46	25° 3	17°19	12°22	7°21	21°33	19°42	24°R 8	22°52	6° 5	9° 3	S 14
S 15	9 37 22	25°19'37	2°R56	5°32	15°28	25°48	17°14	12°27	7°23	21°32	19°43	24° 8	22°49	6°12	9° 6	S 15
M 16	9 41 18	26°20'27	17°36	5°D27	15° 8	26°33	17° 9	12°33	7°25	21°31	19°43	24° 6	22°46	6°19	9° 9	M 16
T 17	9 45 15	27°21'17	2°R55	5°30	14°46	27°18	17° 4	12°39	7°26	21°30	19°43	24° 1	22°42	6°26	9°11	T 17
W 18	9 49 12	28°22'05	17°47	5°39	14°21	28° 3	17° 0	12°45	7°28	21°30	19°43	23°54	22°39	6°32	9°14	W 18
T 19	9 53 8	29°22'51	3°R 0	5°56	13°55	28°48	16°56	12°50	7°29	21°29	19°44	23°44	22°36	6°39	9°17	T 19
F 20	9 57 5	0°R23'37	18° 5	6°18	13°26	29°34	16°51	12°56	7°31	21°28	19°44	23°33	22°33	6°46	9°20	F 20
S 21	10 1 1	1°24'21	2°R51	6°46	12°55	0°R19	16°47	13° 1	7°33	21°27	19°45	23°23	22°30	6°52	9°23	S 21
S 22	10 4 58	2°25'04	17°11	7°19	12°23	1° 4	16°44	13° 7	7°35	21°26	19°45	23°14	22°27	6°59	9°26	S 22
M 23	10 8 54	3°25'45	1°R 1	7°57	11°50	1°49	16°40	13°12	7°37	21°25	19°45	23° 8	22°23	7° 6	9°29	M 23
T 24	10 12 51	4°26'24	14°21	8°39	11°15	2°34	16°37	13°17	7°39	21°24	19°46	23° 4	22°20	7°12	9°32	T 24
W 25	10 16 47	5°27'02	27°14	9°26	10°39	3°20	16°34	13°23	7°41	21°23	19°46	23° 2	22°17	7°19	9°35	W 25
T 26	10 20 44	6°27'39	9°R43	10°15	10° 3	4° 5	16°30	13°28	7°43	21°22	19°47	23°D 2	22°14	7°26	9°39	T 26
F 27	10 24 41	7°28'13	21°54	11° 9	9°25	4°50	16°28	13°33	7°45	21°21	19°47	23°R 2	22°11	7°32	9°42	F 27
S 28	10 28 37	8°R28'46	3°R53	12°R 5	8°R48	5°R36	16°R25	13°R38	7°R47	21°R20	19°R48	23°R 1	22°R 7	7°R39	9°R45	S 28

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17s23	22n 8	1 s 3	12s40	2n44	2s12	3n38	23s 9	0s40	22n14	0n10	22s 6	0n49	13n24	0s28	7s 0	1n31	2n13	15s56	23s17	23s12	15n45	5n20	2n 9					
M 2	17 6	20 0	2 4	12 46	2 58	1 54	3 51	23 4	0 41	22 15	0 10	22 5	0 49	13 24	0 28	7 0	1 31	2 13	15 56	23 17	23 12	15 43	5 21	2 9					
T 3	16 49	17 2	2 59	12 55	3 10	1 37	4 5	22 59	0 41	22 16	0 10	22 5	0 49	13 24	0 28	7 0	1 31	2 13	15 56	23 16	23 12	15 40	5 22	2 9					
W 4	16 32	13 23	3 46	13 8	3 20	1 21	4 18	22 54	0 42	22 17	0 10	22 4	0 49	13 25	0 28	7 0	1 31	2 14	15 55	23 16	23 12	15 38	5 23	2 9					
T 5	16 14	9 12	4 24	13 22	3 27	1 6	4 32	22 49	0 43	22 18	0 10	22 4	0 48	13 25	0 28	6 59	1 32	2 14	15 55	23 16	23 12	15 36	5 23	2 8					
F 6	15 56	4 39	4 50	13 39	3 32	0 52	4 46	22 43	0 43	22 19	0 11	22 3	0 48	13 25	0 28	6 59	1 32	2 14	15 55	23 15	23 11	15 34	5 24	2 8					
S 7	15 38	0s 6	5 4	13 56	3 34	0 38	5 0	22 37	0 44	22 20	0 11	22 3	0 48	13 26	0 28	6 59	1 32	2 15	15 54	23 15	23 11	15 32	5 25	2 8					
S 8	15 19	4 53	5 4	14 15	3 34	0 25	5 14	22 31	0 44	22 21	0 11	22 2	0 48	13 26	0 28	6 59	1 32	2 15	15 54	23 15	23 11	15 29	5 26	2 8					
M 9	15 0	9 32	4 50	14 33	3 32	0 14	5 27	22 25	0 45	22 22	0 11	22 2	0 48	13 27	0 28	6 58	1 32	2 15	15 54	23 14	23 11	15 27	5 27	2 8					
T 10	14 41	13 53	4 22	14 51	3 27	0 3	5 41	22 19	0 46	22 23	0 11	22 1	0 48	13 27	0 28	6 58	1 32	2 16	15 53	23 14	23 11	15 25	5 28	2 8					
W 11	14 22	17 41	3 40	15 9	3 21	0n 7	5 55	22 12	0 46	22 24	0 11	22 1	0 48	13 28	0 28	6 58	1 32	2 16	15 53	23 14	23 11	15 23	5 29	2 7					
T 12	14 2	20 43	2 46	15 26	3 14	0 15	6 9	22 5	0 47	22 24	0 11	22 0	0 48	13 28	0 28	6 58	1 32	2 17	15 53	23 14	23 10	15 20	5 29	2 7					
F 13	13 42	22 41	1 41	15 42	3 5	0 23	6 22	21 58	0 47	22 25	0 11	22 0	0 48	13 28	0 28	6 57	1 32	2 17	15 52	23 14	23 10	15 18	5 30	2 7					
S 14	13 22	23 22	0 29	15 57	2 55	0 29	6 35	21 50	0 48	22 26	0 11	21 59	0 48	13 29	0 28	6 57	1 32	2 17	15 52	23 14	23 10	15 16	5 31	2 7					
S 15	13 2	22 33	0n47	16 10	2 44	0 34	6 48	21 43	0 49	22 27	0 12	21 59	0 48	13 30	0 28	6 57	1 32	2 18	15 52	23 14	23 10	15 14	5 32	2 7					
M 16	12 42	20 12	2 2	16 22	2 33	0 38	7 1	21 35	0 49	22 27	0 12	21 58	0 48	13 30	0 28	6 56	1 32	2 18	15 51	23 14	23 10	15 11	5 33	2 7					
T 17	12 21	16 26	3 10	16 33	2 21	0 41	7 13	21 27	0 50	22 28	0 12	21 58	0 48	13 31	0 28	6 56	1 32	2 19	15 51	23 14	23 10	15 9	5 34	2 7					
W 18	12 0	11 33	4 5	16 42	2 10	0 42	7 24	21 18	0 50	22 29	0 12	21 57	0 48	13 31	0 28	6 56	1 32	2 19	15 51	23 13	23 9	15 7	5 35	2 7					
T 19	11 39	5 57	4 44	16 50	1 57	0 42	7 35	21 10	0 51	22 29	0 12	21 57	0 48	13 32	0 28	6 55	1 32	2 19	15 50	23 13	23 9	15 5	5 36	2 6					
F 20	11 18	0 4	5 1	16 56	1 45	0 41	7 46	21 1	0 52	22 30	0 12	21 56	0 48	13 32	0 28	6 55	1 32	2 20	15 50	23 12	23 9	15 2	5 37	2 6					
S 21	10 56	5n42	4 59	17 1	1 33	0 39	7 56	20 52	0 52	22 31	0 12	21 56	0 48	13 33	0 28	6 55	1 32	2 20	15 49	23 12	23 9	15 0	5 38	2 6					
S 22	10 35	10 59	4 37	17 4	1 21	0 35	8 5	20 43	0 53	22 31	0 12	21 55	0 48	13 34	0 28	6 54	1 32	2 21	15 49	23 11	23 9	14 58	5 39	2 6					
M 23	10 13	15 32	4 0	17 6	1 10	0 31	8 13	20 33	0 53	22 32	0 12	21 55	0 48	13 34	0 28	6 54	1 32	2 21	15 49	23 11	23 9	14 56	5 40	2 6					
T 24	9 51	19 7	3 10	17 6	0 58	0 25	8 21	20 24	0 54	22 32	0 12	21 54	0 48	13 35	0 28	6 53	1 32	2 22	15 48	23 11	23 8	14 53	5 42	2 6					
W 25	9 29	21 38	2 13	17 5	0 47	0 18	8 28	20 14	0 54	22 33	0 13	21 54	0 48	13 35	0 27	6 53	1 33	2 22	15 48	23 11	23 8	14 51	5 43	2 5					
T 26	9 7	22 59	1 10	17 3	0 36	0 10	8 33	20 4	0 55	22 33	0 13	21 53	0 48	13 36	0 27	6 53	1 33	2 22	15 48	23 11	23 8	14 49	5 44	2 5					
F 27	8 44	23 13	0 6	16 59	0 25	0 0	8 38	19 54	0 56	22 34	0 13	21 53	0 48	13 37	0 27	6 52	1 33	2 23	15 47	23 11	23 8	14 47	5 45	2 5					
S 28	8s22	22n21	0s57	16s53	0n14	0s10	8n42	19s43	0s56	22n34	0n13	21s52	0n48	13n38	0s27	6s52	1n33	2n23	15s47	23s11	23s 8	14n44	5n46	2n 9					

Julian Day Number = 2673277.5, Delta T = 20m40s

Ecliptic obliquity = 23°21'36, Nutation = 0°00'19

Ayanamsha: Fagan/Bradley = 33°13'54, Lahiri = 32°20'53

## ASTRODIENST EPHEMERIS for the year 2607

MARCH 2607

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 32 34	9♂29'17	15♂43	13♂4	8°R11	6♂21	16°R23	13♂43	7♂49	21°R19	19♂48	22°R59	22♂4	7♂46	9♂48	S 1
M 2	10 36 30	10°29'47	27°31	14° 6	7♂33	7° 6	16♂20	13°48	7°51	21°18	19°49	22♂54	22° 1	7°52	9°51	M 2
T 3	10 40 27	11°30'15	9♂20	15°10	6°57	7°52	16°18	13°53	7°53	21°17	19°50	22°47	21°58	7°59	9°54	T 3
W 4	10 44 23	12°30'41	21°13	16°17	6°21	8°37	16°16	13°58	7°55	21°15	19°50	22°36	21°55	8° 6	9°58	W 4
T 5	10 48 20	13°31'05	3♂12	17°26	5°46	9°23	16°15	14° 2	7°58	21°14	19°51	22°23	21°52	8°12	10° 1	T 5
F 6	10 52 16	14°31'28	15°18	18°37	5°12	10° 8	16°13	14° 7	8° 0	21°13	19°51	22° 9	21°48	8°19	10° 4	F 6
S 7	10 56 13	15°31'49	27°34	19°49	4°40	10°54	16°12	14°11	8° 2	21°12	19°52	21°55	21°45	8°26	10° 8	S 7
S 8	11 0 10	16°32'08	9♂58	21° 4	4° 9	11°39	16°11	14°16	8° 5	21°10	19°53	21°41	21°42	8°33	10°11	S 8
M 9	11 4 6	17°32'26	22°32	22°20	3°40	12°25	16°10	14°20	8° 7	21° 9	19°53	21°30	21°39	8°39	10°14	M 9
T 10	11 8 3	18°32'42	5♂17	23°38	3°13	13°11	16°10	14°25	8°10	21° 8	19°54	21°22	21°36	8°46	10°18	T 10
W 11	11 11 59	19°32'57	18°14	24°57	2°49	13°56	16° 9	14°29	8°12	21° 6	19°55	21°16	21°33	8°53	10°21	W 11
T 12	11 15 56	20°33'11	1♂24	26°18	2°26	14°42	16° 9	14°33	8°15	21° 5	19°56	21°14	21°29	8°59	10°25	T 12
F 13	11 19 52	21°33'23	14°50	27°40	2° 6	15°28	16°D 9	14°37	8°17	21° 4	19°56	21°13	21°26	9° 6	10°28	F 13
S 14	11 23 49	22°33'34	28°33	29° 3	1°48	16°13	16° 9	14°41	8°20	21° 2	19°57	21°13	21°23	9°13	10°32	S 14
S 15	11 27 45	23°33'43	12♂35	0♂28	1°32	16°59	16° 9	14°45	8°23	21° 1	19°58	21°12	21°20	9°19	10°35	S 15
M 16	11 31 42	24°33'51	26°56	1°54	1°19	17°45	16°10	14°49	8°25	21° 0	19°59	21°10	21°17	9°26	10°38	M 16
T 17	11 35 39	25°33'57	11♂34	3°22	1° 8	18°31	16°10	14°53	8°28	20°58	20° 0	21° 4	21°13	9°33	10°42	T 17
W 18	11 39 35	26°34'02	26°24	4°50	1° 0	19°17	16°11	14°57	8°31	20°57	20° 1	20°56	21°10	9°39	10°45	W 18
T 19	11 43 32	27°34'04	11♂20	6°20	0°55	20° 3	16°13	15° 0	8°33	20°55	20° 1	20°46	21° 7	9°46	10°49	T 19
F 20	11 47 28	28°34'05	26°11	7°51	0°52	20°48	16°14	15° 4	8°36	20°54	20° 2	20°34	21° 4	9°53	10°53	F 20
S 21	11 51 25	29°34'05	10♂49	9°24	0°D51	21°34	16°15	15° 7	8°39	20°52	20° 3	20°22	21° 1	9°59	10°56	S 21
S 22	11 55 21	0♂34'02	25° 6	10°57	0°53	22°20	16°17	15°10	8°42	20°51	20° 4	20°12	20°58	10° 6	11° 0	S 22
M 23	11 59 18	1°33'57	8♂58	12°32	0°57	23° 6	16°19	15°14	8°45	20°49	20° 5	20° 4	20°54	10°13	11° 3	M 23
T 24	12 3 14	2°33'51	22°22	14° 8	1° 3	23°52	16°21	15°17	8°48	20°48	20° 6	19°58	20°51	10°20	11° 7	T 24
W 25	12 7 11	3°33'42	5♂19	15°45	1°11	24°38	16°23	15°20	8°51	20°46	20° 7	19°56	20°48	10°26	11°10	W 25
T 26	12 11 7	4°33'31	17°53	17°23	1°22	25°24	16°26	15°23	8°54	20°44	20° 8	19°D55	20°45	10°33	11°14	T 26
F 27	12 15 4	5°33'18	0♂8	19° 3	1°35	26°10	16°28	15°26	8°57	20°43	20° 9	19°R55	20°42	10°40	11°17	F 27
S 28	12 19 1	6°33'02	12° 8	20°43	1°50	26°56	16°31	15°29	9° 0	20°41	20°10	19°55	20°39	10°46	11°21	S 28
S 29	12 22 57	7°32'45	24° 1	22°25	2° 7	27°42	16°34	15°32	9° 3	20°40	20°11	19°54	20°35	10°53	11°25	S 29
M 30	12 26 54	8°32'25	5♂50	24° 8	2°26	28°28	16°38	15°34	9° 6	20°38	20°12	19°50	20°32	11° 0	11°28	M 30
T 31	12 30 50	9♂32'03	17♂40	25♂53	2♂46	29♂14	16♂41	15♂37	9♂ 9	20♂37	20♂13	19♂44	20♂29	11♂6	11♂32	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	7s59	20n30	1s57	16s47	0n 4	0s21	8n45	19s32	0s57	22n34	0n13	21s52	0n48	13n38	0s27	S 1
M 2	7 36	17 47	2 52	16 38	0s 6	0 32	8 47	19 22	0 57	22 35	0 13	21 51	0 48	13 39	0 27	M 2
T 3	7 14	14 20	3 39	16 29	0 16	0 45	8 48	19 10	0 58	22 35	0 13	21 51	0 48	13 40	0 27	T 3
W 4	6 51	10 19	4 17	16 18	0 25	0 58	8 48	18 59	0 58	22 35	0 13	21 50	0 48	13 40	0 27	W 4
T 5	6 28	5 53	4 43	16 6	0 34	1 11	8 47	18 48	0 59	22 36	0 13	21 50	0 48	13 41	0 27	T 5
F 6	6 4	1 12	4 58	15 52	0 43	1 25	8 45	18 36	1 0	22 36	0 13	21 49	0 48	13 42	0 27	F 6
S 7	5 41	3s36	4 58	15 38	0 51	1 39	8 42	18 24	1 0	22 36	0 13	21 49	0 48	13 43	0 27	S 7
S 8	5 18	8 18	4 45	15 21	0 59	1 54	8 38	18 12	1 1	22 36	0 13	21 48	0 48	13 44	0 27	S 8
M 9	4 54	12 44	4 18	15 4	1 6	2 8	8 33	18 0	1 1	22 37	0 14	21 48	0 48	13 44	0 27	M 9
T 10	4 31	16 39	3 37	14 45	1 13	2 23	8 28	17 48	1 2	22 37	0 14	21 47	0 48	13 45	0 27	T 10
W 11	4 7	19 50	2 45	14 25	1 20	2 37	8 22	17 35	1 2	22 37	0 14	21 47	0 48	13 46	0 27	W 11
T 12	3 44	22 3	1 43	14 4	1 27	2 51	8 15	17 22	1 3	22 37	0 14	21 46	0 48	13 47	0 27	T 12
F 13	3 20	23 4	0 34	13 42	1 33	3 5	8 8	17 9	1 3	22 37	0 14	21 46	0 48	13 48	0 27	F 13
S 14	2 57	22 42	0n39	13 18	1 39	3 19	8 0	16 56	1 4	22 37	0 14	21 45	0 48	13 49	0 27	S 14
S 15	2 33	20 56	1 50	12 53	1 44	3 32	7 51	16 43	1 4	22 37	0 14	21 45	0 48	13 49	0 27	S 15
M 16	2 9	17 49	2 57	12 27	1 49	3 45	7 42	16 29	1 5	22 37	0 14	21 45	0 48	13 50	0 27	M 16
T 17	1 45	13 32	3 53	12 0	1 53	3 58	7 33	16 16	1 5	22 37	0 14	21 44	0 48	13 51	0 27	T 17
W 18	1 22	8 23	4 34	11 32	1 58	4 10	7 23	16 2	1 6	22 37	0 14	21 44	0 48	13 52	0 27	W 18
T 19	0 58	2 43	4 56	11 2	2 1	4 21	7 13	15 48	1 6	22 37	0 14	21 43	0 48	13 53	0 27	T 19
F 20	0 34	3n 4	4 59	10 32	2 5	4 32	7 3	15 34	1 7	22 37	0 14	21 43	0 48	13 54	0 27	F 20
S 21	0 10	8 35	4 42	10 0	2 8	4 42	6 52	15 20	1 7	22 37	0 14	21 43	0 48	13 55	0 27	S 21
S 22	0n13	13 31	4 7	9 27	2 10	4 51	6 42	15 5	1 8	22 37	0 15	21 42	0 48	13 56	0 27	S 22
M 23	0 37	17 34	3 19	8 53	2 13	5 0	6 31	14 51	1 8	22 37	0 15	21 42	0 48	13 57	0 27	M 23
T 24	1 1	20 34	2 20	8 17	2 14	5 8	6 20	14 36	1 9	22 36	0 15	21 41	0 48	13 58	0 27	T 24
W 25	1 25	22 22	1 17	7 4	2 16	5 16	6 9	14 21	1 9	22 36	0 15	21 41	0 48	13 59	0 27	W 25
T 26	1 48	22 59	0 11	7 4	2 16	5 23	5 57	14 6	1 10	22 36	0 15	21 41	0 48	14 0	0 27	T 26
F 27	2 12	22 28	0s54	6 25	2 17	5 29	5 46	13 51	1 10	22 36	0 15	21 40	0 48	14 0	0 27	F 27
S 28	2 36	20 54	1 55	5 46	2 17	5 34	5 35	13 36	1 11	22 35	0 15	21 40	0 48	14 1	0 27	S 28
S 29	2 59	18 26	2 51	5 5	2 16	5 39	5 24	13 21	1 11	22 35	0 15	21 40	0 48	14 2	0 27	S 29
M 30	3 23	15 13	3 38	4 24	2 16	5 43	5 12	13 5	1 12	22 35	0 15	21 39	0 48	14 3	0 27	M 30
T 31	3n46	11n24	4s17	3s41	2s14	5s46	5n 1	12s50	1s12	22n34	0n15	21s39	0n48	14n 4	0s27	T 31

Julian Day Number = 2673305.5, Delta T = 20m40s

Ecliptic obliquity = 23°21'37", Nutation = 0°00'18"

Ayanamsha: Fagan/Bradley = 33°13'57", Lahiri = 32°20'57"

# ASTRODIENST EPHEMERIS for the year 2607

APRIL 2607

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 34 47	10°31'38	29°37	27°38	3°9	0°0	16°44	15°39	9°12	20°R35	20°14	19°R36	20°26	11°13	11°35	W 1
T 2	12 38 43	11°31'12	11°42	29°25	3°33	0°46	16°48	15°42	9°15	20°33	20°15	19°25	20°23	11°20	11°39	T 2
F 3	12 42 40	12°30'43	23°58	1°13	3°59	1°32	16°52	15°44	9°18	20°32	20°17	19°13	20°19	11°26	11°43	F 3
S 4	12 46 36	13°30'13	6°26	3°3	4°27	2°19	16°56	15°46	9°21	20°30	20°18	19°1	20°16	11°33	11°46	S 4
S 5	12 50 33	14°29'40	19°7	4°53	4°56	3°5	17°1	15°48	9°24	20°28	20°19	18°49	20°13	11°40	11°50	S 5
M 6	12 54 30	15°29'05	2°0	6°45	5°27	3°51	17°5	15°50	9°28	20°27	20°20	18°40	20°10	11°46	11°53	M 6
T 7	12 58 26	16°28'29	15°5	8°39	5°59	4°37	17°10	15°52	9°31	20°25	20°21	18°33	20°7	11°53	11°57	T 7
W 8	13 2 23	17°27'51	28°21	10°33	6°33	5°23	17°14	15°54	9°34	20°23	20°22	18°28	20°4	12°0	12°1	W 8
T 9	13 6 19	18°27'10	11°47	12°29	7°8	6°9	17°19	15°55	9°37	20°22	20°23	18°26	20°0	12°7	12°4	T 9
F 10	13 10 16	19°26'29	25°24	14°26	7°44	6°55	17°24	15°57	9°41	20°20	20°25	18°D26	19°57	12°13	12°8	F 10
S 11	13 14 12	20°25'45	9°13	16°25	8°21	7°42	17°30	15°59	9°44	20°18	20°26	18°27	19°54	12°20	12°11	S 11
S 12	13 18 9	21°25'00	23°12	18°25	9°0	8°28	17°35	16°0	9°47	20°17	20°27	18°R28	19°51	12°27	12°15	S 12
M13	13 22 5	22°24'13	7°22	20°25	9°40	9°14	17°41	16°1	9°51	20°15	20°28	18°27	19°48	12°33	12°18	M13
T 14	13 26 2	23°23'24	21°42	22°27	10°21	10°0	17°47	16°3	9°54	20°14	20°29	18°23	19°44	12°40	12°22	T 14
W15	13 29 59	24°22'33	6°8	24°30	11°3	10°46	17°52	16°4	9°57	20°12	20°31	18°18	19°41	12°47	12°25	W15
T 16	13 33 55	25°21'41	20°37	26°34	11°46	11°33	17°59	16°5	10°1	20°10	20°32	18°11	19°38	12°53	12°29	T 16
F 17	13 37 52	26°20'47	5°1	28°38	12°30	12°19	18°5	16°6	10°4	20°9	20°33	18°3	19°35	13°0	12°33	F 17
S 18	13 41 48	27°19'51	19°16	0°43	13°15	13°5	18°11	16°6	10°7	20°7	20°34	17°54	19°32	13°7	12°36	S 18
S 19	13 45 45	28°18'53	3°16	2°48	14°1	13°51	18°18	16°7	10°11	20°5	20°36	17°47	19°29	13°14	12°40	S 19
M20	13 49 41	29°17'53	16°35	4°53	14°48	14°38	18°24	16°8	10°14	20°4	20°37	17°41	19°25	13°20	12°43	M20
T 21	13 53 38	0°16'51	0°13	6°59	15°35	15°24	18°31	16°8	10°17	20°2	20°38	17°37	19°22	13°27	12°46	T 21
W22	13 57 34	1°15'47	13°8	9°3	16°24	16°10	18°38	16°9	10°21	20°0	20°39	17°D36	19°19	13°34	12°50	W22
T 23	14 1 31	2°14'41	25°42	11°7	17°13	16°56	18°45	16°9	10°24	19°59	20°41	17°36	19°16	13°40	12°53	T 23
F 24	14 5 28	3°13'33	7°59	13°10	18°3	17°42	18°53	16°9	10°28	19°57	20°42	17°37	19°13	13°47	12°57	F 24
S 25	14 9 24	4°12'22	20°2	15°12	18°53	18°29	19°0	16°9	10°31	19°56	20°43	17°39	19°10	13°54	13°0	S 25
S 26	14 13 21	5°11'09	1°57	17°11	19°44	19°15	19°7	16°R 9	10°35	19°54	20°45	17°R40	19°6	14°0	13°4	S 26
M27	14 17 17	6°9'54	13°48	19°9	20°36	20°1	19°15	16°9	10°38	19°52	20°46	17°39	19°3	14°7	13°7	M27
T 28	14 21 14	7°8'37	25°41	21°4	21°29	20°47	19°23	16°9	10°41	19°51	20°47	17°37	19°0	14°14	13°10	T 28
W29	14 25 10	8°7'17	7°39	22°56	22°22	21°33	19°31	16°9	10°45	19°49	20°49	17°34	18°57	14°20	13°14	W29
T 30	14 29 7	9°5'56	19°49	24°45	23°15	22°15	19°39	16°8	10°48	19°48	20°50	17°29	18°54	14°27	13°17	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
W 1	4n 9	7n 8	4s44	2s58	2s12	5s48	4n50	12s34	1s12	22n34	0n15	21s39	0n48	14n 5	0s27	W 1
T 2	4 32	2 32	4 59	2 13	2 10	5 50	4 39	12 18	1 13	22 34	0 15	21 39	0 48	14 6	0 27	T 2
F 3	4 56	2s13	5 1	1 28	2 7	5 51	4 28	12 2	1 13	22 33	0 15	21 38	0 48	14 7	0 27	F 3
S 4	5 19	6 58	4 49	0 41	2 4	5 51	4 17	11 46	1 14	22 33	0 15	21 38	0 48	14 8	0 27	S 4
S 5	5 42	11 30	4 22	0n 6	2 0	5 51	4 6	11 30	1 14	22 32	0 15	21 38	0 48	14 9	0 27	S 5
M 6	6 5	15 35	3 41	0 54	1 56	5 49	3 56	11 13	1 14	22 32	0 16	21 38	0 48	14 11	0 27	M 6
T 7	6 27	18 59	2 48	1 43	1 51	5 48	3 45	10 57	1 15	22 31	0 16	21 37	0 48	14 12	0 27	T 7
W 8	6 50	21 26	1 45	2 33	1 46	5 45	3 35	10 40	1 15	22 31	0 16	21 37	0 48	14 13	0 27	W 8
T 9	7 13	22 43	0 36	3 23	1 40	5 42	3 25	10 24	1 16	22 30	0 16	21 37	0 48	14 14	0 27	T 9
F 10	7 35	22 40	0n37	4 14	1 33	5 38	3 14	10 7	1 16	22 30	0 16	21 37	0 48	14 15	0 27	F 10
S 11	7 57	21 14	1 49	5 6	1 27	5 33	3 4	9 50	1 16	22 29	0 16	21 37	0 48	14 16	0 27	S 11
S 12	8 19	18 30	2 55	5 58	1 19	5 28	2 55	9 33	1 17	22 28	0 16	21 36	0 48	14 17	0 27	S 12
M13	8 42	14 38	3 51	6 51	1 12	5 22	2 45	9 16	1 17	22 28	0 16	21 36	0 48	14 18	0 26	M13
T 14	9 3	9 54	4 34	7 44	1 3	5 16	2 35	8 59	1 18	22 27	0 16	21 36	0 48	14 19	0 26	T 14
W15	9 25	4 35	4 59	8 37	0 54	5 9	2 26	8 42	1 18	22 26	0 16	21 36	0 48	14 20	0 26	W15
T 16	9 47	0n59	5 6	9 31	0 45	5 1	2 17	8 25	1 18	22 25	0 16	21 36	0 48	14 21	0 26	T 16
F 17	10 8	6 28	4 53	10 24	0 36	4 53	2 8	8 8	1 19	22 25	0 16	21 36	0 48	14 22	0 26	F 17
S 18	10 29	11 33	4 22	11 17	0 26	4 44	1 59	7 50	1 19	22 24	0 16	21 36	0 48	14 23	0 26	S 18
S 19	10 50	15 56	3 35	12 10	0 15	4 35	1 50	7 33	1 19	22 23	0 16	21 36	0 48	14 24	0 26	S 19
M20	11 11	19 21	2 38	13 2	0 5	4 25	1 41	7 15	1 19	22 22	0 16	21 35	0 48	14 25	0 26	M20
T 21	11 32	21 38	1 32	13 53	0n 6	4 14	1 33	6 58	1 20	22 21	0 16	21 35	0 48	14 26	0 26	T 21
W22	11 52	22 42	0 24	14 44	0 17	4 3	1 24	6 40	1 20	22 20	0 17	21 35	0 48	14 27	0 26	W22
T 23	12 13	22 34	0s44	15 33	0 28	3 52	1 16	6 23	1 20	22 20	0 17	21 35	0 48	14 28	0 26	T 23
F 24	12 33	21 19	1 48	16 22	0 39	3 40	1 8	6 5	1 21	22 19	0 17	21 35	0 48	14 30	0 26	F 24
S 25	12 53	19 7	2 47	17 8	0 50	3 27	1 0	5 47	1 21	22 18	0 17	21 35	0 48	14 31	0 26	S 25
S 26	13 12	16 8	3 37	17 53	1 1	3 15	0 53	5 29	1 21	22 17	0 17	21 35	0 48	14 32	0 26	S 26
M27	13 32	12 30	4 18	18 36	1 12	3 1	0 45	5 11	1 21	22 16	0 17	21 35	0 48	14 33	0 26	M27
T 28	13 51	8 24	4 48	19 17	1 22	2 47	0 38	4 54	1 22	22 15	0 17	21 35	0 48	14 34	0 26	T 28
W29	14 10	3 56	5 6	19 56	1 32	2 33	0 31	4 36	1 22	22 13	0 17	21 35	0 48	14 35	0 26	W29
T 30	14n29	0s44	5s10	20n32	1n41	2s18	0n24	4s18	1s22	22n12	0n17	21s35	0n48	14n36	0s26	T 30

Julian Day Number = 2673336.5, Delta T = 20m40s  
 Ecliptic obliquity = 23°21'37", Nutation = 0°00'17"  
 Ayanamsha: Fagan/Bradley = 33°14'02", Lahiri = 32°21'02"

## ASTRODIENST EPHEMERIS for the year 2607

MAY 2607

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14 33 3	10♈ 4'32	2♉11	26♊31	24♋10	23♌6	19♍47	16♎8	10♏52	19♐46	20♑51	17♒23	18♓50	14♈34	13♉20	F 1
S 2	14 37 0	11° 3'06	14°49	28°14	25° 4	23°52	19°55	16♎7	10°55	19♐45	20°53	17♒16	18°47	14°41	13°24	S 2
S 3	14 40 56	12° 1'38	27°45	29°52	26° 0	24°38	20° 4	16° 7	10°59	19°43	20°54	17°10	18°44	14°47	13°27	S 3
M 4	14 44 53	13° 0'09	10♌56	1♌27	26°55	25°24	20°12	16° 6	11° 2	19°42	20°55	17° 5	18°41	14°54	13°30	M 4
T 5	14 48 50	13°58'37	24°23	2°57	27°52	26°10	20°21	16° 5	11° 5	19°40	20°57	17° 2	18°38	15° 1	13°33	T 5
W 6	14 52 46	14°57'04	8♌4	4°23	28°48	26°56	20°30	16° 4	11° 9	19°39	20°58	17° 0	18°35	15° 7	13°36	W 6
T 7	14 56 43	15°55'29	21°55	5°45	29°46	27°42	20°39	16° 3	11°12	19°37	20°59	17°D 0	18°31	15°14	13°40	T 7
F 8	15 0 39	16°53'52	5♌55	7° 2	0♌43	28°29	20°48	16° 2	11°16	19°36	21° 1	17° 1	18°28	15°21	13°43	F 8
S 9	15 4 36	17°52'14	20° 1	8°14	1°41	29°15	20°57	16° 1	11°19	19°35	21° 2	17° 2	18°25	15°27	13°46	S 9
S 10	15 8 32	18°50'35	4♌11	9°22	2°40	0♌1	21° 6	15°59	11°23	19°33	21° 4	17° 4	18°22	15°34	13°49	S 10
M11	15 12 29	19°48'53	18°23	10°25	3°39	0°47	21°16	15°58	11°26	19°32	21° 5	17°R 4	18°19	15°41	13°52	M11
T 12	15 16 25	20°47'11	2♌35	11°23	4°38	1°33	21°25	15°57	11°29	19°30	21° 6	17° 4	18°16	15°48	13°55	T 12
W13	15 20 22	21°45'26	16°45	12°16	5°38	2°19	21°35	15°55	11°33	19°29	21° 8	17° 2	18°12	15°54	13°58	W13
T 14	15 24 19	22°43'41	0♌49	13° 4	6°38	3° 5	21°44	15°53	11°36	19°28	21° 9	17° 0	18° 9	16° 1	14° 1	T 14
F 15	15 28 15	23°41'54	14°46	13°47	7°38	3°51	21°54	15°51	11°40	19°26	21°10	16°56	18° 6	16° 8	14° 4	F 15
S 16	15 32 12	24°40'05	28°33	14°24	8°39	4°37	22° 4	15°50	11°43	19°25	21°12	16°53	18° 3	16°14	14° 7	S 16
S 17	15 36 8	25°38'15	12♌6	14°57	9°40	5°23	22°14	15°48	11°46	19°24	21°13	16°50	18° 0	16°21	14°10	S 17
M18	15 40 5	26°36'24	25°24	15°24	10°41	6° 9	22°24	15°46	11°50	19°23	21°14	16°48	17°56	16°28	14°13	M18
T 19	15 44 1	27°34'30	8♌25	15°46	11°42	6°55	22°34	15°43	11°53	19°21	21°16	16°47	17°53	16°34	14°15	T 19
W20	15 47 58	28°32'36	21° 9	16° 3	12°44	7°40	22°44	15°41	11°56	19°20	21°17	16°D47	17°50	16°41	14°18	W20
T 21	15 51 54	29°30'39	3♌37	16°15	13°46	8°26	22°55	15°39	12° 0	19°19	21°19	16°47	17°47	16°48	14°21	T 21
F 22	15 55 51	0♌28'41	15°51	16°21	14°49	9°12	23° 5	15°37	12° 3	19°18	21°20	16°49	17°44	16°55	14°24	F 22
S 23	15 59 48	1°26'41	27°54	16°R23	15°51	9°58	23°16	15°34	12° 6	19°17	21°21	16°50	17°41	17° 1	14°26	S 23
S 24	16 3 44	2°24'39	9♌49	16°20	16°54	10°44	23°27	15°31	12°10	19°16	21°23	16°51	17°37	17° 8	14°29	S 24
M25	16 7 41	3°22'36	21°41	16°11	17°57	11°29	23°37	15°29	12°13	19°14	21°24	16°52	17°34	17°15	14°32	M25
T 26	16 11 37	4°20'30	3♌34	15°59	19° 0	12°15	23°48	15°26	12°16	19°13	21°25	16°R52	17°31	17°21	14°34	T 26
W27	16 15 34	5°18'23	15°34	15°42	20° 4	13° 1	23°59	15°23	12°19	19°12	21°27	16°52	17°28	17°28	14°37	W27
T 28	16 19 30	6°16'14	27°43	15°22	21° 8	13°46	24°10	15°20	12°23	19°11	21°28	16°51	17°25	17°35	14°39	T 28
F 29	16 23 27	7°14'04	10♌8	14°57	22°12	14°32	24°21	15°18	12°26	19°10	21°29	16°50	17°22	17°42	14°42	F 29
S 30	16 27 23	8°11'52	22°50	14°30	23°16	15°17	24°32	15°15	12°29	19° 9	21°31	16°49	17°18	17°48	14°44	S 30
S 31	16 31 20	9♌9'38	5♌53	14♌1	24♌20	16♌3	24♌43	15♌11	12♌32	19♌8	21♌32	16♌48	17♌15	17♌55	14♌47	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	14n47	5s27	5s 0	21n 6	1n50	2s 3	0n17	4s 0	1s22	22n11	0n17	21s35	0n48	14n37	0s26	6s16
S 2	15 6	10 3	4 35	21 38	1 59	1 48	0 10	3 42	1 23	22 10	0 17	21 35	0 48	14 38	0 26	6 15
S 3	15 25	14 19	3 56	22 7	2 6	1 32	0 3	3 24	1 23	22 9	0 17	21 36	0 48	14 39	0 26	6 15
M 4	15 41	17 58	3 4	22 34	2 13	1 16	0s 3	3 6	1 23	22 8	0 17	21 36	0 48	14 40	0 26	6 14
T 5	15 59	20 45	2 0	22 58	2 20	0 59	0 9	2 48	1 23	22 6	0 17	21 36	0 48	14 41	0 26	6 14
W 6	16 16	22 23	0 49	23 19	2 25	0 42	0 15	2 29	1 23	22 5	0 17	21 36	0 48	14 42	0 26	6 13
T 7	16 33	22 40	0n27	23 39	2 29	0 25	0 21	2 11	1 24	22 4	0 17	21 36	0 48	14 43	0 26	6 12
F 8	16 50	21 32	1 42	23 56	2 33	0 8	0 27	1 53	1 24	22 3	0 17	21 36	0 48	14 45	0 26	6 12
S 9	17 6	19 3	2 51	24 10	2 36	0n10	0 33	1 35	1 24	22 1	0 17	21 36	0 48	14 46	0 26	6 11
S 10	17 22	15 25	3 50	24 22	2 37	0 28	0 38	1 17	1 24	22 0	0 18	21 36	0 48	14 47	0 26	6 11
M11	17 38	10 54	4 35	24 32	2 38	0 47	0 43	0 59	1 24	21 59	0 18	21 37	0 48	14 48	0 26	6 10
T 12	17 53	5 47	5 4	24 40	2 38	1 6	0 49	0 41	1 24	21 57	0 18	21 37	0 48	14 49	0 26	6 10
W13	18 9	0 24	5 14	24 46	2 36	1 24	0 54	0 23	1 25	21 56	0 18	21 37	0 48	14 50	0 26	6 9
T 14	18 24	4n59	5 5	24 50	2 34	1 44	0 58	0 4	1 25	21 54	0 18	21 37	0 48	14 51	0 26	6 9
F 15	18 38	10 4	4 38	24 52	2 30	2 3	1 3	0n14	1 25	21 53	0 18	21 37	0 48	14 52	0 26	6 8
S 16	18 52	14 35	3 55	24 51	2 25	2 23	1 8	0 32	1 25	21 51	0 18	21 38	0 48	14 53	0 26	6 8
S 17	19 6	18 16	2 59	24 49	2 20	2 43	1 12	0 50	1 25	21 50	0 18	21 38	0 48	14 54	0 26	6 8
M18	19 20	20 55	1 55	24 46	2 13	3 3	1 16	1 8	1 25	21 48	0 18	21 38	0 48	14 55	0 26	6 7
T 19	19 33	22 24	0 46	24 40	2 4	3 23	1 20	1 26	1 25	21 46	0 18	21 38	0 48	14 56	0 26	6 7
W20	19 46	22 40	0s24	24 33	1 55	3 43	1 24	1 44	1 25	21 45	0 18	21 39	0 48	14 57	0 26	6 6
T 21	19 59	21 47	1 32	24 24	1 45	4 4	1 28	2 2	1 25	21 43	0 18	21 39	0 48	14 58	0 26	6 6
F 22	20 11	19 53	2 34	24 13	1 34	4 24	1 32	2 20	1 25	21 41	0 18	21 39	0 48	14 59	0 26	6 5
S 23	20 23	17 7	3 28	24 1	1 21	4 45	1 36	2 38	1 25	21 40	0 18	21 40	0 48	15 0	0 26	6 5
S 24	20 34	13 40	4 13	23 47	1 8	5 6	1 39	2 55	1 25	21 38	0 18	21 40	0 48	15 1	0 26	6 5
M25	20 46	9 42	4 47	23 32	0 53	5 27	1 42	3 13	1 25	21 36	0 18	21 40	0 48	15 2	0 26	6 4
T 26	20 56	5 22	5 8	23 16	0 38	5 48	1 45	3 31	1 25	21 34	0 18	21 41	0 48	15 3	0 26	6 4
W27	21 7	0 48	5 16	22 58	0 22	6 9	1 48	3 49	1 25	21 33	0 18	21 41	0 48	15 4	0 26	6 4
T 28	21 17	3s51	5 11	22 39	0 6	6 30	1 51	4 6	1 25	21 31	0 19	21 41	0 48	15 5	0 26	6 3
F 29	21 27	8 27	4 51	22 20	0s11	6 51	1 54	4 24	1 25	21 29	0 19	21 42	0 48	15 6	0 26	6 3
S 30	21 36	12 49	4 16	21 59	0 29	7 12	1 56	4 41	1 25	21 27	0 19	21 42	0 48	15 7	0 26	6 2
S 31	21n45	16s42	3s28	21n38	0s46	7n34	1s59	4n59	1s25	21n25	0n19	21s42	0n48	15n 8	0s26	6s 2

Julian Day Number = 2673366.5, Delta T = 20m41s

Ecliptic obliquity = 23°21'36, Nutation = 0°00'16

Ayanamsha: Fagan/Bradley = 33°14'06, Lahiri = 32°21'06

## ASTRODIENST EPHEMERIS for the year 2607

JUNE 2607

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 35 17	10 <sup>II</sup> 7'23	19 <sup>III</sup> 18	13°R29	25°V25	16°V49	24°S55	15°R 8	12°S35	19°R 8	21°S33	16°R47	17°S12	18°S 2	14°V49	M 1
T 2	16 39 13	11° 5'07	3 <sup>♂</sup> 3	12°II56	26°30	17°34	25° 6	15°S 5	12°39	19°S 7	21°34	16°S47	17° 9	18° 8	14°51	T 2
W 3	16 43 10	12° 2'49	17° 6	12°22	27°35	18°19	25°17	15° 2	12°42	19° 6	21°36	16°D47	17° 6	18°15	14°54	W 3
T 4	16 47 6	13° 0'30	1 <sup>♂</sup> 24	11°47	28°40	19° 5	25°29	14°58	12°45	19° 5	21°37	16°47	17° 2	18°22	14°56	T 4
F 5	16 51 3	13°58'10	15°51	11°13	29°45	19°50	25°40	14°55	12°48	19° 4	21°38	16°47	16°59	18°28	14°58	F 5
S 6	16 54 59	14°55'48	0 <sup>♂</sup> 23	10°40	0 <sup>♂</sup> 51	20°35	25°52	14°52	12°51	19° 3	21°40	16°47	16°56	18°35	15° 0	S 6
S 7	16 58 56	15°53'26	14°54	10° 9	1°56	21°21	26° 4	14°48	12°54	19° 3	21°41	16°48	16°53	18°42	15° 2	S 7
M 8	17 2 53	16°51'03	29°19	9°39	3° 2	22° 6	26°16	14°44	12°57	19° 2	21°42	16°R48	16°50	18°49	15° 4	M 8
T 9	17 6 49	17°48'39	13°H35	9°12	4° 8	22°51	26°27	14°41	13° 0	19° 1	21°43	16°D48	16°47	18°55	15° 7	T 9
W10	17 10 46	18°46'14	27°39	8°48	5°14	23°36	26°39	14°37	13° 3	19° 1	21°45	16°48	16°43	19° 2	15° 8	W10
T 11	17 14 42	19°43'48	11°V29	8°27	6°21	24°21	26°51	14°33	13° 6	19° 0	21°46	16°48	16°40	19° 9	15°10	T 11
F 12	17 18 39	20°41'22	25° 5	8°10	7°27	25° 7	27° 3	14°29	13° 9	18°59	21°47	16°48	16°37	19°15	15°12	F 12
S 13	17 22 35	21°38'54	8°S27	7°56	8°34	25°52	27°15	14°26	13°11	18°59	21°48	16°48	16°34	19°22	15°14	S 13
S 14	17 26 32	22°36'26	21°35	7°47	9°40	26°37	27°27	14°22	13°14	18°58	21°49	16°49	16°31	19°29	15°16	S 14
M15	17 30 28	23°33'58	4°II29	7°42	10°47	27°21	27°40	14°18	13°17	18°58	21°51	16°49	16°28	19°36	15°18	M15
T 16	17 34 25	24°31'28	17°10	7°D42	11°54	28° 6	27°52	14°14	13°20	18°57	21°52	16°R50	16°24	19°42	15°20	T 16
W17	17 38 22	25°28'58	29°38	7°45	13° 1	28°51	28° 4	14°10	13°23	18°57	21°53	16°49	16°21	19°49	15°21	W17
T 18	17 42 18	26°26'26	11°S55	7°54	14° 9	29°36	28°16	14° 6	13°25	18°56	21°54	16°49	16°18	19°56	15°23	T 18
F 19	17 46 15	27°23'54	24° 3	8° 7	15°16	0 <sup>♂</sup> 21	28°29	14° 1	13°28	18°56	21°55	16°47	16°15	20° 2	15°24	F 19
S 20	17 50 11	28°21'20	6°S 2	8°24	16°23	1° 5	28°41	13°57	13°31	18°56	21°56	16°46	16°12	20° 9	15°26	S 20
S 21	17 54 8	29°18'46	17°56	8°46	17°31	1°50	28°54	13°53	13°33	18°55	21°58	16°44	16° 8	20°16	15°27	S 21
M22	17 58 4	0 <sup>♂</sup> 16'10	29°47	9°12	18°39	2°34	29° 6	13°49	13°36	18°55	21°59	16°42	16° 5	20°23	15°29	M22
T 23	18 2 1	1°13'34	11°H40	9°42	19°47	3°19	29°19	13°45	13°39	18°55	22° 0	16°41	16° 2	20°29	15°30	T 23
W24	18 5 57	2°10'57	23°38	10°17	20°54	4° 3	29°32	13°40	13°41	18°55	22° 1	16°40	15°59	20°36	15°32	W24
T 25	18 9 54	3° 8'18	5°S46	10°56	22° 2	4°48	29°44	13°36	13°44	18°54	22° 2	16°D40	15°56	20°43	15°33	T 25
F 26	18 13 51	4° 5'39	18° 9	11°39	23°11	5°32	29°57	13°32	13°46	18°54	22° 3	16°41	15°53	20°49	15°34	F 26
S 27	18 17 47	5° 2'59	0°H49	12°26	24°19	6°16	0°S10	13°27	13°49	18°54	22° 4	16°42	15°49	20°56	15°35	S 27
S 28	18 21 44	6° 0'18	13°53	13°18	25°27	7° 0	0°22	13°23	13°51	18°54	22° 5	16°43	15°46	21° 3	15°36	S 28
M29	18 25 40	6°57'36	27°20	14°13	26°35	7°45	0°35	13°19	13°53	18°54	22° 6	16°44	15°43	21° 9	15°38	M29
T 30	18 29 37	7°54'54	11°S14	15°II11	27°S44	8°S29	0°S48	13°S14	13°S56	18°S54	22°S 7	16°R45	15°S40	21°S16	15°V39	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	21n54	19s51	2s27	21n17	1s 4	7n55	2s 1	5n16	1s25	21n23	0n19	21s43	0n48	15n 9	0s26	6s 2
T 2	22 2	21 56	1 15	20 56	1 21	8 16	2 3	5 34	1 25	21 21	0 19	21 43	0 48	15 10	0 26	6 2
W 3	22 10	22 42	0n 2	20 34	1 39	8 38	2 5	5 51	1 25	21 19	0 19	21 43	0 48	15 11	0 26	6 1
T 4	22 17	22 1	1 20	20 13	1 56	8 59	2 7	6 8	1 25	21 17	0 19	21 44	0 48	15 12	0 26	6 1
F 5	22 24	19 52	2 34	19 52	2 12	9 20	2 9	6 25	1 25	21 15	0 19	21 44	0 48	15 13	0 26	6 1
S 6	22 31	16 26	3 39	19 32	2 28	9 41	2 11	6 42	1 25	21 13	0 19	21 45	0 48	15 14	0 26	6 0
S 7	22 37	12 1	4 29	19 13	2 43	10 2	2 12	6 59	1 25	21 11	0 19	21 45	0 48	15 14	0 26	6 0
M 8	22 43	6 56	5 3	18 55	2 56	10 23	2 14	7 16	1 24	21 9	0 19	21 46	0 48	15 15	0 26	6 0
T 9	22 48	1 33	5 17	18 38	3 9	10 44	2 15	7 33	1 24	21 6	0 19	21 46	0 48	15 16	0 26	6 0
W10	22 53	3n50	5 12	18 23	3 21	11 5	2 16	7 50	1 24	21 4	0 19	21 46	0 48	15 17	0 26	6 0
T 11	22 58	8 57	4 48	18 10	3 31	11 26	2 17	8 6	1 24	21 2	0 19	21 47	0 47	15 18	0 26	5 59
F 12	23 2	13 33	4 9	17 58	3 41	11 46	2 18	8 23	1 24	21 0	0 19	21 47	0 47	15 19	0 26	5 59
S 13	23 6	17 23	3 17	17 48	3 49	12 7	2 19	8 39	1 24	20 57	0 19	21 48	0 47	15 20	0 26	5 59
S 14	23 9	20 17	2 15	17 40	3 55	12 27	2 20	8 56	1 24	20 55	0 20	21 48	0 47	15 21	0 26	5 59
M15	23 12	22 5	1 8	17 33	4 1	12 47	2 20	9 12	1 23	20 53	0 20	21 49	0 47	15 21	0 26	5 59
T 16	23 15	22 43	0s 2	17 29	4 5	13 7	2 21	9 28	1 23	20 50	0 20	21 49	0 47	15 22	0 26	5 59
W17	23 17	22 11	1 10	17 27	4 8	13 27	2 21	9 44	1 23	20 48	0 20	21 50	0 47	15 23	0 26	5 58
T 18	23 19	20 36	2 15	17 26	4 10	13 47	2 21	10 0	1 23	20 46	0 20	21 50	0 47	15 24	0 26	5 58
F 19	23 20	18 5	3 12	17 27	4 11	14 6	2 21	10 16	1 22	20 43	0 20	21 51	0 47	15 25	0 26	5 58
S 20	23 21	14 50	4 0	17 30	4 11	14 25	2 21	10 32	1 22	20 41	0 20	21 51	0 47	15 25	0 26	5 58
S 21	23 21	11 0	4 37	17 35	4 10	14 44	2 21	10 47	1 22	20 38	0 20	21 52	0 47	15 26	0 26	5 58
M22	23 22	6 47	5 2	17 41	4 7	15 3	2 21	11 3	1 22	20 36	0 20	21 52	0 47	15 27	0 26	5 58
T 23	23 21	2 19	5 15	17 48	4 4	15 22	2 21	11 18	1 21	20 33	0 20	21 53	0 47	15 28	0 26	5 58
W24	23 20	2s17	5 14	17 57	4 0	15 40	2 20	11 33	1 21	20 31	0 20	21 53	0 47	15 29	0 26	5 58
T 25	23 19	6 51	4 59	18 8	3 55	15 58	2 20	11 48	1 21	20 28	0 20	21 54	0 47	15 29	0 26	5 58
F 26	23 18	11 15	4 30	18 19	3 49	16 15	2 19	12 3	1 20	20 25	0 20	21 54	0 47	15 30	0 26	5 58
S 27	23 16	15 16	3 47	18 32	3 43	16 33	2 19	12 18	1 20	20 23	0 20	21 55	0 47	15 31	0 26	5 58
S 28	23 13	18 41	2 51	18 45	3 36	16 50	2 18	12 33	1 20	20 20	0 20	21 55	0 46	15 31	0 26	5 58
M29	23 11	21 12	1 45	18 59	3 28	17 6	2 17	12 48	1 19	20 17	0 20	21 56	0 46	15 32	0 26	5 58
T 30	23n 7	22s33	0s30	19n14	3s19	17n23	2s16	13n 2	1s19	20n15	0n21	21s56	0n46	15n33	0s26	5s58

Julian Day Number = 2673397.5, Delta T = 20m41s

Ecliptic obliquity = 23°21'35", Nutation = 0°00'16"

Ayanamsha: Fagan/Bradley = 33°14'10", Lahiri = 32°21'10"



## ASTRODIENST EPHEMERIS for the year 2607

AUGUST 2607

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 35 47	8♂27'11	18♂46	12♂18	4♂58	1♂19	7♂52	10°R59	14♂50	19♂9	22♂31	15°R29	13♂58	24♂51	15°R45	S 1
S 2	20 39 43	9°24'28	4♂0	14°23	6°9	2°0	8°5	10♂56	14°51	19°10	22°31	15♂22	13°55	24°58	15°Y44	S 2
M 3	20 43 40	10°21'46	19°4	16°26	7°20	2°41	8°18	10°52	14°51	19°11	22°32	15°14	13°52	25°4	15°43	M 3
T 4	20 47 36	11°19'04	3♂48	18°27	8°31	3°22	8°32	10°49	14°52	19°12	22°32	15°8	13°49	25°11	15°42	T 4
W 5	20 51 33	12°16'23	18°7	20°27	9°42	4°3	8°45	10°45	14°53	19°14	22°33	15°3	13°45	25°18	15°42	W 5
T 6	20 55 29	13°13'43	1♂59	22°26	10°54	4°44	8°58	10°42	14°54	19°15	22°33	15°1	13°42	25°25	15°41	T 6
F 7	20 59 26	14°11'05	15°24	24°23	12°5	5°25	9°12	10°39	14°55	19°16	22°33	15°D 0	13°39	25°31	15°40	F 7
S 8	21 3 22	15°8'27	28°25	26°18	13°16	6°6	9°25	10°35	14°55	19°17	22°34	15°1	13°36	25°38	15°39	S 8
S 9	21 7 19	16°5'50	11♂5	28°11	14°28	6°46	9°38	10°32	14°56	19°18	22°34	15°R 1	13°33	25°45	15°38	S 9
M10	21 11 16	17°3'14	23°29	0♂3	15°39	7°27	9°52	10°29	14°56	19°19	22°34	15°1	13°30	25°51	15°37	M10
T 11	21 15 12	18°0'39	5♂41	1°54	16°51	8°7	10°5	10°26	14°57	19°21	22°34	14°59	13°26	25°58	15°35	T 11
W12	21 19 9	18°58'05	17°43	3°42	18°2	8°48	10°18	10°23	14°57	19°22	22°35	14°54	13°23	26°5	15°34	W12
T 13	21 23 5	19°55'32	29°40	5°29	19°14	9°28	10°32	10°20	14°58	19°23	22°35	14°47	13°20	26°12	15°33	T 13
F 14	21 27 2	20°53'00	11♂34	7°15	20°26	10°8	10°45	10°17	14°58	19°25	22°35	14°38	13°17	26°18	15°32	F 14
S 15	21 30 58	21°50'29	23°25	8°58	21°38	10°48	10°58	10°14	14°58	19°26	22°35	14°26	13°14	26°25	15°31	S 15
S 16	21 34 55	22°47'59	5♂17	10°41	22°49	11°27	11°12	10°12	14°59	19°27	22°35	14°14	13°11	26°32	15°29	S 16
M17	21 38 51	23°45'29	17°10	12°21	24°1	12°7	11°25	10°9	14°59	19°29	22°36	14°1	13°7	26°38	15°28	M17
T 18	21 42 48	24°43'01	29°6	14°0	25°13	12°46	11°38	10°7	14°59	19°30	22°36	13°50	13°4	26°45	15°26	T 18
W19	21 46 45	25°40'33	11♂1	15°37	26°25	13°26	11°51	10°4	14°59	19°32	22°36	13°40	13°1	26°52	15°25	W19
T 20	21 50 41	26°38'06	23°17	17°13	27°37	14°5	12°4	10°2	14°59	19°33	22°36	13°33	12°58	26°59	15°23	T 20
F 21	21 54 38	27°35'40	5♂36	18°47	28°49	14°44	12°17	10°0	14°R59	19°35	22°36	13°29	12°55	27°5	15°22	F 21
S 22	21 58 34	28°33'15	18°10	20°20	0♂2	15°23	12°31	9°57	14°59	19°36	22°36	13°27	12°51	27°12	15°20	S 22
S 23	22 2 31	29°30'51	1♂4	21°50	1°14	16°2	12°44	9°55	14°59	19°38	22°R36	13°D27	12°48	27°19	15°18	S 23
M24	22 6 27	0♂28'28	14°21	23°20	2°26	16°41	12°57	9°53	14°59	19°39	22°36	13°R27	12°45	27°25	15°17	M24
T 25	22 10 24	1°26'05	28°4	24°47	3°38	17°19	13°10	9°51	14°59	19°41	22°36	13°26	12°42	27°32	15°15	T 25
W26	22 14 20	2°23'43	12♂15	26°14	4°51	17°57	13°23	9°49	14°59	19°42	22°36	13°24	12°39	27°39	15°13	W26
T 27	22 18 17	3°21'23	26°53	27°38	6°3	18°36	13°36	9°48	14°58	19°44	22°36	13°19	12°36	27°46	15°11	T 27
F 28	22 22 14	4°19'03	11♂54	29°1	7°16	19°14	13°49	9°46	14°58	19°46	22°36	13°11	12°32	27°52	15°9	F 28
S 29	22 26 10	5°16'45	27°9	0♂22	8°28	19°52	14°1	9°44	14°58	19°47	22°36	13°2	12°29	27°59	15°7	S 29
S 30	22 30 7	6°14'27	12♂29	1°41	9°41	20°30	14°14	9°43	14°57	19°49	22°35	12°51	12°26	28°6	15°5	S 30
M31	22 34 3	7♂12'11	27♂42	2♂58	10♂53	21♂7	14♂27	9♂42	14♂57	19♂51	22♂35	12♂41	12♂23	28♂13	15♂3	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	18n 5	10s49	4n33	18n44	1n45	22n 6	1s10	19n21	1s 2	18n37	0n23	22s11	0n43	15n48	0s27	6s 5
S 2	17 50	5 21	5 0	18 9	1 46	22 6	1 7	19 30	1 1	18 33	0 23	22 12	0 43	15 48	0 27	6 5
M 3	17 35	0n22	5 5	17 34	1 47	22 6	1 4	19 38	1 0	18 30	0 23	22 12	0 43	15 49	0 27	6 6
T 4	17 20	5 56	4 50	16 56	1 47	22 4	1 1	19 47	1 0	18 27	0 23	22 13	0 43	15 49	0 27	6 6
W 5	17 4	11 2	4 17	16 18	1 46	22 2	0 58	19 55	0 59	18 23	0 23	22 13	0 43	15 49	0 27	6 7
T 6	16 48	15 24	3 29	15 39	1 45	22 0	0 55	20 4	0 58	18 20	0 23	22 13	0 43	15 49	0 27	6 7
F 7	16 31	18 49	2 32	14 58	1 43	21 57	0 52	20 12	0 57	18 16	0 24	22 14	0 42	15 50	0 27	6 8
S 8	16 14	21 10	1 28	14 17	1 41	21 53	0 49	20 19	0 57	18 13	0 24	22 14	0 42	15 50	0 27	6 8
S 9	15 58	22 23	0 21	13 35	1 37	21 49	0 46	20 27	0 56	18 10	0 24	22 14	0 42	15 50	0 27	6 9
M10	15 40	22 27	0s45	12 53	1 34	21 44	0 43	20 34	0 55	18 6	0 24	22 15	0 42	15 50	0 27	6 9
T 11	15 23	21 27	1 48	12 10	1 30	21 38	0 40	20 42	0 54	18 3	0 24	22 15	0 42	15 50	0 27	6 10
W12	15 5	19 28	2 45	11 26	1 25	21 32	0 37	20 49	0 53	17 59	0 24	22 16	0 42	15 50	0 27	6 10
T 13	14 47	16 40	3 34	10 43	1 20	21 25	0 34	20 56	0 53	17 56	0 24	22 16	0 42	15 50	0 27	6 11
F 14	14 29	13 12	4 14	9 59	1 15	21 18	0 31	21 2	0 52	17 52	0 24	22 16	0 42	15 51	0 27	6 11
S 15	14 11	9 13	4 42	9 15	1 9	21 10	0 29	21 9	0 51	17 49	0 24	22 17	0 41	15 51	0 27	6 12
S 16	13 52	4 55	4 58	8 31	1 3	21 1	0 26	21 15	0 50	17 45	0 24	22 17	0 41	15 51	0 27	6 12
M17	13 33	0 26	5 1	7 46	0 56	20 52	0 23	21 21	0 49	17 41	0 24	22 17	0 41	15 51	0 27	6 13
T 18	13 14	4s 6	4 51	7 2	0 50	20 42	0 20	21 27	0 48	17 38	0 25	22 18	0 41	15 51	0 27	6 13
W19	12 55	8 30	4 28	6 18	0 42	20 32	0 17	21 33	0 47	17 34	0 25	22 18	0 41	15 51	0 27	6 14
T 20	12 36	12 37	3 53	5 34	0 35	20 21	0 14	21 39	0 46	17 31	0 25	22 18	0 41	15 51	0 27	6 15
F 21	12 16	16 16	3 6	4 50	0 27	20 9	0 11	21 44	0 46	17 27	0 25	22 19	0 41	15 51	0 27	6 15
S 22	11 56	19 16	2 10	4 7	0 19	19 57	0 8	21 49	0 45	17 24	0 25	22 19	0 41	15 51	0 27	6 16
S 23	11 36	21 22	1 5	3 24	0 11	19 44	0 5	21 54	0 44	17 20	0 25	22 19	0 40	15 51	0 27	6 16
M24	11 16	22 22	0n 5	2 41	0 3	19 31	0 2	21 59	0 43	17 17	0 25	22 19	0 40	15 51	0 27	6 17
T 25	10 56	22 4	1 17	1 58	0s 6	19 17	0n 1	22 4	0 42	17 13	0 25	22 20	0 40	15 51	0 27	6 18
W26	10 35	20 22	2 26	1 16	0 15	19 3	0 4	22 8	0 41	17 9	0 25	22 20	0 40	15 51	0 27	6 18
T 27	10 15	17 18	3 28	0 35	0 23	18 48	0 7	22 13	0 40	17 6	0 25	22 20	0 40	15 50	0 27	6 19
F 28	9 54	13 2	4 17	0s 6	0 33	18 33	0 9	22 17	0 39	17 2	0 26	22 20	0 40	15 50	0 27	6 20
S 29	9 33	7 53	4 49	0 47	0 42	18 17	0 12	22 21	0 38	16 59	0 26	22 21	0 40	15 50	0 27	6 20
S 30	9 12	2 13	5 0	1 27	0 51	18 1	0 15	22 25	0 37	16 55	0 26	22 21	0 39	15 50	0 27	6 21
M31	8n50	3n32	4n50	2s 6	1s 0	17n44	0n18	22n28	0s36	16n51	0n26	22s21	0n39	15n50	0s27	6s22

Julian Day Number = 2673458.5, Delta T = 20m42s

Ecliptic obliquity = 23°21'35", Nutation = 0°00'18"

Ayanamsha: Fagan/Bradley = 33°14'19", Lahiri = 32°21'18"

## ASTRODIENST EPHEMERIS for the year 2607

SEPTEMBER 2607

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 38 0	8 <sup>m</sup> 9°56	12 <sup>v</sup> 36	4 <sup>h</sup> 14	12 <sup>h</sup> 6	21 <sup>h</sup> 45	14 <sup>h</sup> 40	9 <sup>h</sup> 40	14 <sup>h</sup> 56	19 <sup>h</sup> 53	22 <sup>h</sup> 35	12 <sup>h</sup> 32	12 <sup>h</sup> 20	28 <sup>h</sup> 19	15 <sup>h</sup> 1	T 1
W 2	22 41 56	9° 743	27° 6	5°28	13°19	22°22	14°53	9 <sup>h</sup> 39	14 <sup>h</sup> 56	19°54	22 <sup>h</sup> 35	12 <sup>h</sup> 25	12°17	28°26	14 <sup>h</sup> 59	W 2
T 3	22 45 53	10° 5'32	11 <sup>h</sup> 6	6°39	14°32	22°59	15° 5	9°38	14°55	19°56	22°35	12°20	12°13	28°33	14°57	T 3
F 4	22 49 49	11° 3'22	24°36	7°49	15°45	23°36	15°18	9°37	14°54	19°58	22°34	12°18	12°10	28°39	14°55	F 4
S 5	22 53 46	12° 1'14	7 <sup>h</sup> 39	8°57	16°58	24°13	15°31	9°36	14°54	20° 0	22°34	12°18	12° 7	28°46	14°53	S 5
S 6	22 57 43	12°59'08	20°19	10° 2	18°11	24°50	15°43	9°35	14°53	20° 2	22°34	12°18	12° 4	28°53	14°51	S 6
M 7	23 1 39	13°57'04	2 <sup>h</sup> 39	11° 5	19°24	25°26	15°56	9°34	14°52	20° 4	22°34	12°17	12° 1	29° 0	14°49	M 7
T 8	23 5 36	14°55'01	14°46	12° 6	20°37	26° 3	16° 8	9°34	14°51	20° 5	22°33	12°14	11°57	29° 6	14°46	T 8
W 9	23 9 32	15°53'00	26°44	13° 3	21°50	26°39	16°21	9°33	14°50	20° 7	22°33	12° 9	11°54	29°13	14°44	W 9
T 10	23 13 29	16°51'01	8 <sup>h</sup> 37	13°59	23° 3	27°15	16°33	9°33	14°50	20° 9	22°33	12° 1	11°51	29°20	14°42	T 10
F 11	23 17 25	17°49'04	20°28	14°51	24°16	27°51	16°45	9°32	14°49	20°11	22°32	11°51	11°48	29°26	14°39	F 11
S 12	23 21 22	18°47'08	2 <sup>h</sup> 19	15°40	25°30	28°26	16°58	9°32	14°48	20°13	22°32	11°38	11°45	29°33	14°37	S 12
S 13	23 25 18	19°45'13	14°13	16°26	26°43	29° 2	17°10	9°32	14°46	20°15	22°31	11°24	11°42	29°40	14°35	S 13
M14	23 29 15	20°43'21	26°11	17° 8	27°56	29°37	17°22	9°D32	14°45	20°17	22°31	11°10	11°38	29°47	14°32	M14
T 15	23 33 12	21°41'30	8 <sup>h</sup> 44	17°47	29°10	0 <sup>h</sup> 12	17°34	9°32	14°44	20°19	22°30	10°57	11°35	29°53	14°30	T 15
W16	23 37 8	22°39'40	20°24	18°22	0 <sup>h</sup> 23	0°47	17°46	9°32	14°43	20°21	22°30	10°46	11°32	0 <sup>h</sup> 0	14°27	W16
T 17	23 41 5	23°37'53	2 <sup>h</sup> 41	18°52	1°37	1°22	17°58	9°32	14°42	20°23	22°30	10°39	11°29	0° 7	14°25	T 17
F 18	23 45 1	24°36'06	15° 8	19°18	2°50	1°56	18°10	9°33	14°40	20°25	22°29	10°34	11°26	0°13	14°22	F 18
S 19	23 48 58	25°34'22	27°48	19°38	4° 4	2°30	18°22	9°33	14°39	20°27	22°28	10°31	11°22	0°20	14°20	S 19
S 20	23 52 54	26°32'39	10 <sup>h</sup> 43	19°54	5°17	3° 4	18°34	9°34	14°38	20°29	22°28	10°D31	11°19	0°27	14°17	S 20
M21	23 56 51	27°30'57	23°58	20° 4	6°31	3°38	18°46	9°34	14°36	20°31	22°27	10°R31	11°16	0°34	14°14	M21
T 22	0 0 47	28°29'17	7 <sup>h</sup> 34	20°R 9	7°45	4°12	18°57	9°35	14°35	20°34	22°27	10°31	11°13	0°40	14°12	T 22
W23	0 4 44	29°27'38	21°34	20° 7	8°59	4°45	19° 9	9°36	14°33	20°36	22°26	10°29	11°10	0°47	14° 9	W23
T 24	0 8 41	0 <sup>h</sup> 26'01	5 <sup>h</sup> 58	19°58	10°12	5°18	19°21	9°37	14°32	20°38	22°26	10°25	11° 7	0°54	14° 7	T 24
F 25	0 12 37	1°24'25	20°44	19°43	11°26	5°51	19°32	9°38	14°30	20°40	22°25	10°18	11° 3	1° 1	14° 4	F 25
S 26	0 16 34	2°22'51	5 <sup>h</sup> 45	19°22	12°40	6°24	19°44	9°39	14°29	20°42	22°24	10°10	11° 0	1° 7	14° 1	S 26
S 27	0 20 30	3°21'18	20°53	18°53	13°54	6°56	19°55	9°40	14°27	20°44	22°24	10° 0	10°57	1°14	13°59	S 27
M28	0 24 27	4°19'47	5 <sup>h</sup> 58	18°18	15° 8	7°28	20° 6	9°41	14°25	20°46	22°23	9°50	10°54	1°21	13°56	M28
T 29	0 28 23	5°18'18	20°51	17°36	16°22	8° 0	20°17	9°43	14°24	20°48	22°22	9°42	10°51	1°27	13°53	T 29
W30	0 32 20	6 <sup>h</sup> 16'51	5 <sup>h</sup> 22	16 <sup>h</sup> 47	17 <sup>h</sup> 36	8 <sup>h</sup> 32	20 <sup>h</sup> 28	9 <sup>h</sup> 44	14 <sup>h</sup> 22	20 <sup>h</sup> 51	22 <sup>h</sup> 22	9 <sup>h</sup> 35	10 <sup>h</sup> 48	1 <sup>h</sup> 34	13 <sup>h</sup> 51	W30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	8n29	8n58	4n21	2s45	1s10	17n26	0n20	22n32	0s35	16n48	0n26	22s21	0n39	15n50	0s27	6s22	1n29
W 2	8 7 13 44	3 35	3 23	1 19	17 8	0 23	22 35	0 33	16 44	0 26	22 22	0 39	15 50	0 27	6 23	1 29	2 55
T 3	7 46 17 35	2 37	4 0	1 29	16 50	0 26	22 38	0 32	16 40	0 26	22 22	0 39	15 49	0 27	6 24	1 29	2 55
F 4	7 24 20 21	1 32	4 36	1 38	16 31	0 28	22 41	0 31	16 37	0 26	22 22	0 39	15 49	0 27	6 24	1 29	2 55
S 5	7 2 21 55	0 25	5 11	1 48	16 11	0 31	22 44	0 30	16 33	0 26	22 22	0 39	15 49	0 27	6 25	1 29	2 54
S 6	6 40 22 18	0s42	5 46	1 57	15 52	0 33	22 47	0 29	16 30	0 27	22 23	0 38	15 49	0 27	6 26	1 29	2 54
M 7	6 18 21 35	1 45	6 19	2 7	15 31	0 36	22 49	0 28	16 26	0 27	22 23	0 38	15 48	0 27	6 27	1 29	2 54
T 8	5 55 19 51	2 43	6 51	2 16	15 11	0 38	22 51	0 27	16 22	0 27	22 23	0 38	15 48	0 27	6 27	1 29	2 53
W 9	5 33 17 16	3 32	7 23	2 26	14 50	0 41	22 53	0 26	16 19	0 27	22 23	0 38	15 48	0 27	6 28	1 29	2 53
T 10	5 11 14 0	4 11	7 53	2 35	14 28	0 43	22 55	0 24	16 15	0 27	22 23	0 38	15 48	0 27	6 29	1 29	2 53
F 11	4 48 10 12	4 40	8 21	2 44	14 6	0 45	22 57	0 23	16 12	0 27	22 23	0 38	15 47	0 27	6 29	1 29	2 52
S 12	4 25 6 0	4 56	8 48	2 53	13 44	0 48	22 59	0 22	16 8	0 27	22 24	0 38	15 47	0 27	6 30	1 29	2 52
S 13	4 3 1 35	4 59	9 14	3 2	13 21	0 50	23 1	0 21	16 4	0 27	22 24	0 37	15 47	0 27	6 31	1 29	2 51
M14	3 40 2s55	4 50	9 38	3 10	12 58	0 52	23 2	0 20	16 1	0 28	22 24	0 37	15 46	0 27	6 32	1 29	2 51
T 15	3 17 7 21	4 27	10 0	3 18	12 34	0 54	23 3	0 18	15 57	0 28	22 24	0 37	15 46	0 27	6 32	1 29	2 51
W16	2 54 11 31	3 52	10 21	3 26	12 10	0 56	23 4	0 17	15 54	0 28	22 24	0 37	15 46	0 28	6 33	1 29	2 50
T 17	2 31 15 16	3 6	10 39	3 33	11 46	0 58	23 5	0 16	15 50	0 28	22 24	0 37	15 45	0 28	6 34	1 29	2 50
F 18	2 8 18 24	2 10	10 55	3 40	11 22	1 0	23 6	0 15	15 47	0 28	22 24	0 37	15 45	0 28	6 35	1 29	2 50
S 19	1 45 20 41	1 7	11 9	3 46	10 57	1 2	23 7	0 13	15 43	0 28	22 24	0 37	15 44	0 28	6 36	1 29	2 49
S 20	1 22 21 58	0n 1	11 20	3 52	10 32	1 4	23 8	0 12	15 40	0 28	22 25	0 37	15 44	0 28	6 36	1 29	2 49
M21	0 59 22 3	1 11	11 28	3 56	10 6	1 5	23 8	0 11	15 36	0 28	22 25	0 36	15 44	0 28	6 37	1 29	2 48
T 22	0 36 20 51	2 18	11 33	4 0	9 41	1 7	23 8	0 9	15 33	0 29	22 25	0 36	15 43	0 28	6 38	1 29	2 48
W23	0 13 18 21	3 20	11 36	4 3	9 14	1 9	23 9	0 8	15 29	0 29	22 25	0 36	15 43	0 28	6 39	1 29	2 48
T 24	0s10 14 41	4 10	11 34	4 5	8 48	1 10	23 9	0 7	15 26	0 29	22 25	0 36	15 42	0 28	6 40	1 29	2 47
F 25	0 33 10 1	4 45	11 29	4 6	8 22	1 12	23 9	0 5	15 22	0 29	22 25	0 36	15 42	0 28	6 40	1 29	2 47
S 26	0 57 4 42	5 2	11 20	4 6	7 55	1 13	23 9	0 4	15 19	0 29	22 25	0 36	15 41	0 28	6 41	1 29	2 47
S 27	1 20 0n57	4 57	11 8	4 3	7 28	1 15	23 8	0 2	15 15	0 29	22 25	0 36	15 41	0 28	6 42	1 29	2 46
M28	1 43 6 32	4 32	10 51	4 0	7 1	1 16	23 8	0 1	15 12	0 29	22 25	0 35	15 40	0 28	6 43	1 29	2 46
T 29	2 6 11 39	3 49	10 30	3 54	6 33	1 17	23 8	0n 1	15 9	0 30	22 25	0 35	15 40	0 28	6 44	1 29	2 45
W30	2s29	15n57	2n51	10s 4	3s47	6n 5	1n19	23n 7	0n 2	15n 5	0n30	22s25	0n35	15n39	0s28	6s44	1n29

Julian Day Number = 2673489.5, Delta T = 20m42s

Ecliptic obliquity = 23°21'35", Nutation = 0°00'17"

Ayanamsha: Fagan/Bradley = 33°14'23", Lahiri = 32°21'23"

# ASTRODIENST EPHEMERIS for the year 2607

OCTOBER 2607

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 36 16	7♂15'26	19♂26	15°R54	18♂50	9♂3	20♂39	9♂46	14°R20	20♂53	22°R21	9°R31	10♂44	1♂41	13°R48	T 1
F 2	0 40 13	8°14'04	3♂11	14♂55	20° 4	9°34	20°50	9°48	14♂18	20°55	22♂20	9♂29	10°41	1°48	13°V45	F 2
S 3	0 44 9	9°12'43	16° 9	13°52	21°19	10° 5	21° 1	9°49	14°16	20°57	22°19	9°D29	10°38	1°54	13°42	S 3
S 4	0 48 6	10°11'25	28°53	12°48	22°33	10°36	21°12	9°51	14°15	20°59	22°18	9°30	10°35	2° 1	13°40	S 4
M 5	0 52 3	11°10'09	11♂16	11°42	23°47	11° 6	21°23	9°53	14°13	21° 2	22°18	9°R31	10°32	2° 8	13°37	M 5
T 6	0 55 59	12° 8'55	23°24	10°37	25° 1	11°36	21°33	9°55	14°11	21° 4	22°17	9°30	10°28	2°14	13°34	T 6
W 7	0 59 56	13° 7'43	5♂22	9°34	26°16	12° 6	21°44	9°57	14° 9	21° 6	22°16	9°27	10°25	2°21	13°31	W 7
T 8	1 3 52	14° 6'33	17°14	8°35	27°30	12°36	21°54	10° 0	14° 7	21° 8	22°15	9°22	10°22	2°28	13°29	T 8
F 9	1 7 49	15° 5'26	29° 5	7°42	28°44	13° 5	22° 5	10° 2	14° 5	21°10	22°14	9°15	10°19	2°35	13°26	F 9
S 10	1 11 45	16° 4'21	10♂58	6°55	29°59	13°34	22°15	10° 4	14° 3	21°13	22°14	9° 6	10°16	2°41	13°23	S 10
S 11	1 15 42	17° 3'17	22°56	6°17	1♂13	14° 2	22°25	10° 7	14° 0	21°15	22°13	8°56	10°13	2°48	13°20	S 11
M12	1 19 38	18° 2'16	5♂1	5°48	2°28	14°31	22°35	10°10	13°58	21°17	22°12	8°46	10° 9	2°55	13°18	M12
T 13	1 23 35	19° 1'17	17°15	5°29	3°42	14°59	22°45	10°12	13°56	21°19	22°11	8°37	10° 6	3° 1	13°15	T 13
W14	1 27 32	20° 0'20	29°37	5°D21	4°57	15°26	22°55	10°15	13°54	21°22	22°10	8°29	10° 3	3° 8	13°12	W14
T 15	1 31 28	20°59'25	12♂10	5°23	6°12	15°53	23° 5	10°18	13°52	21°24	22° 9	8°24	10° 0	3°15	13°10	T 15
F 16	1 35 25	21°58'32	24°52	5°35	7°26	16°20	23°14	10°21	13°50	21°26	22° 8	8°21	9°57	3°22	13° 7	F 16
S 17	1 39 21	22°57'41	7♂47	5°57	8°41	16°47	23°24	10°24	13°47	21°28	22° 7	8°D20	9°54	3°28	13° 4	S 17
S 18	1 43 18	23°56'51	20°54	6°30	9°55	17°13	23°33	10°27	13°45	21°30	22° 6	8°21	9°50	3°35	13° 1	S 18
M19	1 47 14	24°56'04	4♂16	7°11	11°10	17°39	23°43	10°30	13°43	21°33	22° 5	8°22	9°47	3°42	12°59	M19
T 20	1 51 11	25°55'18	17°54	8° 1	12°25	18° 4	23°52	10°34	13°41	21°35	22° 4	8°23	9°44	3°49	12°56	T 20
W21	1 55 7	26°54'34	1♂48	8°58	13°40	18°29	24° 1	10°37	13°38	21°37	22° 3	8°R23	9°41	3°55	12°54	W21
T 22	1 59 4	27°53'51	16° 0	10° 3	14°54	18°54	24°10	10°41	13°36	21°39	22° 2	8°22	9°38	4° 2	12°51	T 22
F 23	2 3 1	28°53'10	0♂26	11°14	16° 9	19°18	24°19	10°44	13°34	21°42	22° 1	8°19	9°34	4° 9	12°48	F 23
S 24	2 6 57	29°52'31	15° 4	12°30	17°24	19°42	24°27	10°48	13°31	21°44	22° 0	8°14	9°31	4°15	12°46	S 24
S 25	2 10 54	0♂51'53	29°48	13°51	18°39	20° 5	24°36	10°52	13°29	21°46	21°59	8° 8	9°28	4°22	12°43	S 25
M26	2 14 50	1°51'17	14♂31	15°16	19°54	20°29	24°45	10°55	13°26	21°48	21°58	8° 3	9°25	4°29	12°41	M26
T 27	2 18 47	2°50'44	29° 6	16°44	21° 9	20°51	24°53	10°59	13°24	21°50	21°57	7°58	9°22	4°36	12°38	T 27
W28	2 22 43	3°50'12	13♂24	18°16	22°24	21°13	25° 1	11° 3	13°22	21°53	21°56	7°54	9°19	4°42	12°36	W28
T 29	2 26 40	4°49'42	27°22	19°49	23°38	21°35	25° 9	11° 7	13°19	21°55	21°55	7°52	9°15	4°49	12°33	T 29
F 30	2 30 36	5°49'15	10♂56	21°25	24°53	21°56	25°17	11°12	13°17	21°57	21°54	7°D52	9°12	4°56	12°31	F 30
S 31	2 34 33	6♂48'50	24♂5	23♂2	26♂8	22♂17	25♂25	11♂16	13♂14	21♂59	21♂53	7♂53	9♂9	5♂3	12♂28	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	2s52	19n13	1n45	9s35	3s38	5n38	1n20	23n 7	0n 4	15n 2	0n30	22s25	0n35	15n39	0s28	6s45
F 2	3 15	21 15	0 34	9 2	3 27	5 10	1 21	23 6	0 5	14 58	0 30	22 25	0 35	15 38	0 28	6 46
S 3	3 38	22 3	0s36	8 26	3 14	4 41	1 22	23 5	0 7	14 55	0 30	22 25	0 35	15 38	0 28	6 47
S 4	4 1	21 39	1 42	7 48	2 59	4 13	1 23	23 4	0 8	14 52	0 30	22 25	0 35	15 37	0 28	6 48
M 5	4 24	20 12	2 41	7 7	2 43	3 45	1 24	23 3	0 10	14 49	0 30	22 25	0 34	15 37	0 28	6 49
T 6	4 47	17 51	3 33	6 25	2 25	3 16	1 25	23 2	0 11	14 45	0 31	22 25	0 34	15 36	0 28	6 49
W 7	5 10	14 46	4 14	5 43	2 7	2 47	1 25	23 1	0 13	14 42	0 31	22 25	0 34	15 35	0 28	6 50
T 8	5 33	11 7	4 43	5 2	1 47	2 18	1 26	23 0	0 14	14 39	0 31	22 25	0 34	15 35	0 28	6 51
F 9	5 56	7 3	5 1	4 22	1 27	1 49	1 27	22 59	0 16	14 36	0 31	22 25	0 34	15 34	0 28	6 52
S 10	6 18	2 43	5 5	3 45	1 6	1 20	1 27	22 58	0 18	14 32	0 31	22 25	0 34	15 34	0 28	6 53
S 11	6 41	1s45	4 57	3 11	0 46	0 51	1 28	22 57	0 19	14 29	0 31	22 25	0 34	15 33	0 28	6 53
M12	7 3	6 11	4 34	2 42	0 26	0 22	1 28	22 55	0 21	14 26	0 32	22 25	0 34	15 32	0 28	6 54
T 13	7 26	10 26	4 0	2 17	0 7	0s 7	1 28	22 54	0 23	14 23	0 32	22 25	0 33	15 32	0 28	6 55
W14	7 48	14 19	3 13	1 57	0n11	0 36	1 29	22 52	0 24	14 20	0 32	22 25	0 33	15 31	0 28	6 56
T 15	8 10	17 36	2 16	1 42	0 28	1 5	1 29	22 51	0 26	14 17	0 32	22 25	0 33	15 30	0 28	6 57
F 16	8 32	20 5	1 12	1 33	0 43	1 35	1 29	22 50	0 28	14 14	0 32	22 24	0 33	15 30	0 28	6 58
S 17	8 54	21 35	0 3	1 29	0 57	2 4	1 29	22 48	0 30	14 11	0 32	22 24	0 33	15 29	0 28	6 58
S 18	9 16	21 56	1n 8	1 30	1 10	2 33	1 29	22 47	0 32	14 8	0 33	22 24	0 33	15 28	0 28	6 59
M19	9 37	21 2	2 16	1 36	1 21	3 2	1 29	22 45	0 33	14 5	0 33	22 24	0 33	15 28	0 28	7 0
T 20	9 59	18 54	3 18	1 47	1 31	3 32	1 29	22 44	0 35	14 2	0 33	22 24	0 33	15 27	0 28	7 1
W21	10 20	15 38	4 9	2 2	1 39	4 1	1 29	22 42	0 37	14 0	0 33	22 24	0 32	15 26	0 28	7 2
T 22	10 41	11 25	4 47	2 21	1 46	4 30	1 28	22 41	0 39	13 57	0 33	22 24	0 32	15 26	0 28	7 3
F 23	11 3	6 29	5 7	2 43	1 51	4 59	1 28	22 39	0 41	13 54	0 33	22 24	0 32	15 25	0 28	7 3
S 24	11 23	1 7	5 8	3 9	1 55	5 28	1 28	22 38	0 43	13 51	0 34	22 23	0 32	15 24	0 28	7 4
S 25	11 44	4n20	4 48	3 38	1 58	5 56	1 27	22 36	0 45	13 49	0 34	22 23	0 32	15 24	0 28	7 5
M26	12 5	9 33	4 10	4 8	2 0	6 25	1 27	22 35	0 47	13 46	0 34	22 23	0 32	15 23	0 28	7 6
T 27	12 25	14 10	3 16	4 41	2 1	6 54	1 26	22 33	0 49	13 43	0 34	22 23	0 32	15 22	0 28	7 7
W28	12 45	17 52	2 10	5 16	2 1	7 22	1 25	22 32	0 51	13 41	0 34	22 23	0 32	15 21	0 28	7 7
T 29	13 5	20 26	0 57	5 52	2 0	7 50	1 25	22 30	0 53	13 38	0 34	22 22	0 31	15 21	0 28	7 8
F 30	13 25	21 44	0s17	6 29	1 59	8 18	1 24	22 29	0 55	13 36	0 35	22 22	0 31	15 20	0 28	7 9
S 31	13s45	21n46	1s28	7s 7	1n56	8s46	1n23	22n28	0n57	13n33	0n35	22s22	0n31	15n19	0s28	7s10

Julian Day Number = 2673519.5, Delta T = 20m42s  
 Ecliptic obliquity = 23°21'35", Nutation = 0°00'16"  
 Ayanamsha: Fagan/Bradley = 33°14'27", Lahiri = 32°21'27"

## ASTRODIENST EPHEMERIS for the year 2607

NOVEMBER 2607

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 38 30	7♏48'27	6♊52	24♏40	27♏23	22♊37	25♏33	11♊20	13♏12	22♏1	21♏52	7♏54	9♏6	5♏9	12♏26	S 1
M 2	2 42 26	8°48'06	19°19	26°20	28°38	22°57	25°40	11°24	13♏9	22°3	21♏51	7°56	9°3	5°16	12♏23	M 2
T 3	2 46 23	9°47'47	1♏30	28°0	29°53	23°17	25°48	11°29	13°7	22°6	21°49	7°57	8°59	5°23	12°21	T 3
W 4	2 50 19	10°47'30	13°30	29°40	1♏8	23°35	25°55	11°33	13°5	22°8	21°48	7°58	8°56	5°29	12°19	W 4
T 5	2 54 16	11°47'16	25°24	1♏21	2°24	23°54	26°2	11°38	13°2	22°10	21°47	7°57	8°53	5°36	12°16	T 5
F 6	2 58 12	12°47'04	7♏16	3°1	3°39	24°11	26°9	11°43	13°0	22°12	21°46	7°55	8°50	5°43	12°14	F 6
S 7	3 2 9	13°46'54	19°11	4°42	4°54	24°29	26°16	11°47	12°57	22°14	21°45	7°51	8°47	5°50	12°12	S 7
S 8	3 6 5	14°46'46	1♏13	6°23	6°9	24°45	26°23	11°52	12°55	22°16	21°44	7°48	8°44	5°56	12°10	S 8
M 9	3 10 2	15°46'40	13°24	8°3	7°24	25°1	26°30	11°57	12°52	22°18	21°43	7°44	8°40	6°3	12°7	M 9
T 10	3 13 58	16°46'36	25°47	9°44	8°39	25°17	26°36	12°2	12°50	22°20	21°42	7°40	8°37	6°10	12°5	T 10
W 11	3 17 55	17°46'34	8♏24	11°24	9°54	25°32	26°42	12°7	12°47	22°22	21°41	7°38	8°34	6°16	12°3	W 11
T 12	3 21 52	18°46'34	21°14	13°4	11°10	25°46	26°48	12°12	12°45	22°25	21°39	7°36	8°31	6°23	12°1	T 12
F 13	3 25 48	19°46'36	4♏19	14°43	12°25	26°0	26°54	12°17	12°42	22°27	21°38	7°35	8°28	6°30	11°59	F 13
S 14	3 29 45	20°46'40	17°37	16°22	13°40	26°13	27°0	12°23	12°40	22°29	21°37	7°35	8°25	6°37	11°57	S 14
S 15	3 33 41	21°46'46	1♊7	18°1	14°55	26°25	27°6	12°28	12°38	22°31	21°36	7°36	8°21	6°43	11°55	S 15
M 16	3 37 38	22°46'53	14°48	19°39	16°10	26°37	27°11	12°33	12°35	22°33	21°35	7°38	8°18	6°50	11°53	M 16
T 17	3 41 34	23°47'01	28°40	21°17	17°26	26°48	27°17	12°39	12°33	22°35	21°34	7°39	8°15	6°57	11°51	T 17
W 18	3 45 31	24°47'12	12♏41	22°54	18°41	26°58	27°22	12°44	12°30	22°37	21°33	7°39	8°12	7°4	11°50	W 18
T 19	3 49 28	25°47'23	26°49	24°31	19°56	27°8	27°27	12°49	12°28	22°39	21°32	7°40	8°9	7°10	11°48	T 19
F 20	3 53 24	26°47'36	11♏3	26°8	21°12	27°17	27°32	12°55	12°26	22°40	21°31	7°39	8°5	7°17	11°46	F 20
S 21	3 57 21	27°47'50	25°20	27°44	22°27	27°25	27°37	13°1	12°23	22°42	21°29	7°39	8°2	7°24	11°44	S 21
S 22	4 1 17	28°48'06	9♏37	29°20	23°42	27°33	27°41	13°6	12°21	22°44	21°28	7°38	7°59	7°30	11°43	S 22
M 23	4 5 14	29°48'23	23°50	0♏56	24°57	27°40	27°45	13°12	12°19	22°46	21°27	7°37	7°56	7°37	11°41	M 23
T 24	4 9 10	0♏48'42	7♏56	2°32	26°13	27°46	27°49	13°18	12°16	22°48	21°26	7°36	7°53	7°44	11°39	T 24
W 25	4 13 7	1°49'02	21°50	4°7	27°28	27°51	27°53	13°24	12°14	22°50	21°25	7°35	7°50	7°51	11°38	W 25
T 26	4 17 3	2°49'24	5♏29	5°41	28°43	27°56	27°57	13°30	12°12	22°52	21°24	7°35	7°46	7°57	11°36	T 26
F 27	4 21 0	3°49'48	18°51	7°16	29°59	28°0	28°1	13°36	12°10	22°53	21°23	7°35	7°43	8°4	11°35	F 27
S 28	4 24 57	4°50'13	1♊54	8°50	1♏14	28°3	28°4	13°42	12°7	22°55	21°22	7°35	7°40	8°11	11°34	S 28
S 29	4 28 53	5°50'40	14°38	10°24	2°29	28°5	28°8	13°48	12°5	22°57	21°21	7°36	7°37	8°18	11°32	S 29
M 30	4 32 50	6♏51'08	27♊5	11♏58	3♏45	28♊6	28♏11	13♊54	12♏3	22♏59	21♏20	7♏36	7♏34	8♏24	11♏31	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	14s 4	20n39	2s32	7s46	1n54	9s14	1n22	22n27	0n59	13n31	0n35	22s22	0n31	15n19	0s28	7s11
M 2	14 23	18 33	3 28	8 25	1 50	9 42	1 21	22 25	1 1	13 28	0 35	22 21	0 31	15 18	0 28	7 11
T 3	14 42	15 39	4 13	9 4	1 46	10 9	1 20	22 24	1 4	13 26	0 35	22 21	0 31	15 17	0 28	7 12
W 4	15 1	12 9	4 46	9 44	1 42	10 36	1 19	22 23	1 6	13 24	0 36	22 21	0 31	15 16	0 28	7 13
T 5	15 19	8 12	5 6	10 23	1 37	11 3	1 18	22 22	1 8	13 21	0 36	22 21	0 31	15 16	0 28	7 14
F 6	15 37	3 57	5 14	11 2	1 32	11 29	1 17	22 21	1 10	13 19	0 36	22 20	0 31	15 15	0 28	7 14
S 7	15 55	0s27	5 8	11 41	1 26	11 56	1 15	22 21	1 13	13 17	0 36	22 20	0 30	15 14	0 28	7 15
S 8	16 13	4 53	4 48	12 20	1 21	12 22	1 14	22 20	1 15	13 15	0 36	22 20	0 30	15 13	0 28	7 16
M 9	16 30	9 12	4 15	12 58	1 15	12 47	1 13	22 19	1 17	13 13	0 37	22 19	0 30	15 13	0 28	7 17
T 10	16 48	13 12	3 30	13 36	1 9	13 13	1 11	22 19	1 20	13 11	0 37	22 19	0 30	15 12	0 28	7 17
W 11	17 4	16 41	2 34	14 13	1 2	13 38	1 10	22 19	1 22	13 9	0 37	22 19	0 30	15 11	0 28	7 18
T 12	17 21	19 26	1 29	14 49	0 56	14 3	1 8	22 18	1 25	13 7	0 37	22 18	0 30	15 10	0 28	7 19
F 13	17 37	21 14	0 18	15 25	0 49	14 27	1 7	22 18	1 27	13 5	0 37	22 18	0 30	15 10	0 28	7 20
S 14	17 53	21 52	0n55	16 0	0 43	14 51	1 5	22 18	1 30	13 3	0 38	22 18	0 30	15 9	0 28	7 20
S 15	18 9	21 15	2 6	16 34	0 36	15 15	1 3	22 18	1 32	13 2	0 38	22 17	0 30	15 8	0 28	7 21
M 16	18 24	19 22	3 12	17 7	0 29	15 38	1 1	22 19	1 35	13 0	0 38	22 17	0 29	15 8	0 28	7 22
T 17	18 39	16 20	4 6	17 40	0 22	16 1	1 0	22 19	1 37	12 58	0 38	22 16	0 29	15 7	0 28	7 22
W 18	18 54	12 21	4 47	18 11	0 16	16 24	0 58	22 20	1 40	12 57	0 38	22 16	0 29	15 6	0 28	7 23
T 19	19 8	7 39	5 11	18 42	0 9	16 46	0 56	22 20	1 42	12 55	0 39	22 16	0 29	15 5	0 27	7 24
F 20	19 22	2 31	5 16	19 11	0 2	17 8	0 54	22 21	1 45	12 54	0 39	22 15	0 29	15 5	0 27	7 25
S 21	19 36	2n46	5 2	19 40	0s 5	17 29	0 52	22 22	1 48	12 52	0 39	22 15	0 29	15 4	0 27	7 25
S 22	19 50	7 55	4 29	20 8	0 12	17 49	0 50	22 23	1 50	12 51	0 39	22 14	0 29	15 3	0 27	7 26
M 23	20 2	12 37	3 39	20 34	0 18	18 10	0 48	22 25	1 53	12 50	0 39	22 14	0 29	15 3	0 27	7 27
T 24	20 15	16 35	2 37	21 0	0 25	18 29	0 46	22 26	1 56	12 49	0 40	22 13	0 29	15 2	0 27	7 27
W 25	20 27	19 33	1 26	21 25	0 31	18 49	0 44	22 28	1 59	12 47	0 40	22 13	0 28	15 1	0 27	7 28
T 26	20 39	21 20	0 12	21 48	0 38	19 7	0 42	22 30	2 2	12 46	0 40	22 12	0 28	15 1	0 27	7 28
F 27	20 51	21 52	1s 2	22 11	0 44	19 26	0 40	22 32	2 4	12 45	0 40	22 12	0 28	15 0	0 27	7 29
S 28	21 2	21 10	2 11	22 32	0 51	19 43	0 38	22 34	2 7	12 44	0 41	22 11	0 28	14 59	0 27	7 30
S 29	21 13	19 23	3 11	22 52	0 57	20 0	0 36	22 36	2 10	12 43	0 41	22 11	0 28	14 59	0 27	7 30
M 30	21s23	16n43	4s 1	23s11	1s 3	20s17	0n33	22n39	2n13	12n42	0n41	22s10	0n28	14n58	0s27	7s31

Julian Day Number = 2673550.5, Delta T = 20m43s

Ecliptic obliquity = 23°21'34", Nutation = 0°00'15"

Ayanamsha: Fagan/Bradley = 33°14'31", Lahiri = 32°21'31"

## ASTRODIENST EPHEMERIS for the year 2607

DECEMBER 2607

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 36 46	7°51'39	9°18	13°32	5°0	28°R 7	28°14	14°0	12°R 1	23°0	21°R18	7°R36	7°31	8°31	11°R30	T 1
W 2	4 40 43	8°52'10	21°20	15° 5	6°15	28°6	28°16	14° 6	11°59	23° 2	21°17	7°36	7°27	8°38	11°29	W 2
T 3	4 44 39	9°52'44	3°15	16°38	7°31	28° 5	28°19	14°12	11°57	23° 4	21°16	7°36	7°24	8°44	11°27	T 3
F 4	4 48 36	10°53'19	15° 7	18°11	8°46	28° 3	28°21	14°19	11°55	23° 5	21°15	7°D36	7°21	8°51	11°26	F 4
S 5	4 52 32	11°53'56	27° 2	19°44	10° 2	28° 1	28°23	14°25	11°53	23° 7	21°14	7°36	7°18	8°58	11°25	S 5
S 6	4 56 29	12°54'35	9°4	21°17	11°17	27°57	28°25	14°31	11°51	23° 9	21°13	7°36	7°15	9° 5	11°24	S 6
M 7	5 0 26	13°55'15	21°18	22°50	12°32	27°52	28°27	14°38	11°49	23°10	21°12	7°37	7°11	9°11	11°23	M 7
T 8	5 4 22	14°55'57	3°46	24°22	13°48	27°47	28°29	14°44	11°47	23°12	21°11	7°38	7° 8	9°18	11°23	T 8
W 9	5 8 19	15°56'40	16°32	25°55	15° 3	27°41	28°30	14°51	11°45	23°13	21°10	7°38	7° 5	9°25	11°22	W 9
T 10	5 12 15	16°57'25	29°37	27°27	16°19	27°34	28°31	14°57	11°43	23°15	21° 9	7°39	7° 2	9°31	11°21	T 10
F 11	5 16 12	17°58'11	13°2	28°59	17°34	27°26	28°32	15° 4	11°41	23°16	21° 8	7°R39	6°59	9°38	11°20	F 11
S 12	5 20 8	18°58'58	26°46	0°31	18°50	27°17	28°33	15°10	11°39	23°18	21° 7	7°38	6°56	9°45	11°20	S 12
S 13	5 24 5	19°59'47	10°34	2° 3	20° 5	27° 7	28°34	15°17	11°37	23°19	21° 6	7°37	6°52	9°52	11°19	S 13
M14	5 28 1	21° 0'37	24°55	3°35	21°21	26°56	28°34	15°24	11°36	23°21	21° 5	7°35	6°49	9°58	11°18	M14
T 15	5 31 58	22° 1'27	9°13	5° 6	22°36	26°45	28°34	15°30	11°34	23°22	21° 4	7°34	6°46	10° 5	11°18	T 15
W16	5 35 55	23° 2'18	23°33	6°37	23°51	26°33	28°R34	15°37	11°32	23°23	21° 3	7°32	6°43	10°12	11°18	W16
T 17	5 39 51	24° 3'10	7°52	8° 8	25° 7	26°19	28°34	15°44	11°31	23°25	21° 2	7°30	6°40	10°19	11°17	T 17
F 18	5 43 48	25° 4'03	22° 6	9°39	26°22	26° 6	28°34	15°50	11°29	23°26	21° 1	7°D30	6°37	10°25	11°17	F 18
S 19	5 47 44	26° 4'56	6°12	11° 9	27°38	25°51	28°33	15°57	11°27	23°27	21° 1	7°30	6°33	10°32	11°17	S 19
S 20	5 51 41	27° 5'50	20°10	12°39	28°53	25°35	28°32	16° 4	11°26	23°28	21° 0	7°31	6°30	10°39	11°16	S 20
M21	5 55 37	28° 6'45	3°58	14° 8	0° 9	25°19	28°31	16°11	11°24	23°30	20°59	7°33	6°27	10°45	11°16	M21
T 22	5 59 34	29° 7'41	17°35	15°37	1°24	25° 2	28°30	16°18	11°23	23°31	20°58	7°34	6°24	10°52	11°16	T 22
W23	6 3 30	0°8'37	1°11	17° 5	2°40	24°45	28°29	16°25	11°22	23°32	20°57	7°R35	6°21	10°59	11°D16	W23
T 24	6 7 27	1° 9'34	14°15	18°32	3°55	24°26	28°27	16°32	11°20	23°33	20°56	7°35	6°17	11° 6	11°16	T 24
F 25	6 11 24	2°10'31	27°16	19°58	5°11	24° 7	28°26	16°38	11°19	23°34	20°55	7°34	6°14	11°12	11°16	F 25
S 26	6 15 20	3°11'30	10°4	21°22	6°26	23°48	28°24	16°45	11°18	23°35	20°55	7°31	6°11	11°19	11°16	S 26
S 27	6 19 17	4°12'29	22°39	22°45	7°41	23°28	28°22	16°52	11°16	23°36	20°54	7°27	6° 8	11°26	11°16	S 27
M28	6 23 13	5°13'28	5°1	24° 7	8°57	23° 7	28°19	16°59	11°15	23°37	20°53	7°22	6° 5	11°33	11°17	M28
T 29	6 27 10	6°14'29	17°11	25°26	10°12	22°46	28°17	17° 6	11°14	23°38	20°52	7°17	6° 2	11°39	11°17	T 29
W30	6 31 6	7°15'30	29°12	26°43	11°28	22°24	28°14	17°13	11°13	23°39	20°52	7°12	5°58	11°46	11°17	W30
T 31	6 35 3	8°16'32	11°7	27°57	12°43	22°2	28°11	17°20	11°12	23°40	20°51	7°8	5°55	11°53	11°18	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	21s33	13n22	4s39	23s29	1s 9	20s33	0n31	22n41	2n16	12n42	0n41	22s10	0n28	14n57	0s27	7s32
W 2	21 42	9 32	5 5	23 46	1 14	20 48	0 29	22 44	2 19	12 41	0 41	22 9	0 28	14 57	0 27	7 32
T 3	21 51	5 21	5 16	24 1	1 20	21 3	0 27	22 47	2 22	12 40	0 42	22 9	0 28	14 56	0 27	7 33
F 4	22 0	1 0	5 14	24 15	1 25	21 17	0 24	22 51	2 25	12 40	0 42	22 8	0 28	14 56	0 27	7 33
S 5	22 8	3s24	4 59	24 28	1 31	21 31	0 22	22 54	2 28	12 39	0 42	22 8	0 28	14 55	0 27	7 34
S 6	22 16	7 44	4 31	24 40	1 36	21 44	0 20	22 58	2 31	12 39	0 42	22 7	0 27	14 54	0 27	7 34
M 7	22 24	11 50	3 50	24 50	1 41	21 56	0 17	23 2	2 34	12 38	0 43	22 6	0 27	14 54	0 27	7 35
T 8	22 31	15 30	2 57	24 59	1 45	22 8	0 15	23 6	2 37	12 38	0 43	22 6	0 27	14 53	0 27	7 35
W 9	22 37	18 33	1 54	25 7	1 50	22 19	0 13	23 10	2 40	12 38	0 43	22 5	0 27	14 53	0 27	7 36
T 10	22 43	20 43	0 44	25 14	1 54	22 29	0 10	23 14	2 43	12 38	0 43	22 5	0 27	14 52	0 27	7 36
F 11	22 49	21 48	0n30	25 19	1 58	22 39	0 8	23 19	2 46	12 37	0 43	22 4	0 27	14 51	0 27	7 37
S 12	22 54	21 35	1 44	25 23	2 1	22 48	0 5	23 23	2 49	12 37	0 44	22 3	0 27	14 51	0 27	7 37
S 13	22 59	20 3	2 53	25 25	2 5	22 56	0 3	23 28	2 52	12 37	0 44	22 3	0 27	14 50	0 27	7 38
M14	23 3	17 16	3 53	25 26	2 8	23 4	0 1	23 33	2 55	12 37	0 44	22 2	0 27	14 50	0 27	7 38
T 15	23 7	13 25	4 38	25 26	2 10	23 11	0s 2	23 38	2 58	12 38	0 44	22 1	0 27	14 49	0 27	7 39
W16	23 11	8 48	5 6	25 24	2 13	23 17	0 4	23 44	3 1	12 38	0 45	22 1	0 27	14 49	0 27	7 39
T 17	23 14	3 42	5 16	25 21	2 15	23 23	0 7	23 49	3 3	12 38	0 45	22 0	0 26	14 48	0 27	7 40
F 18	23 16	1n33	5 6	25 17	2 16	23 28	0 9	23 55	3 6	12 38	0 45	21 59	0 26	14 48	0 27	7 40
S 19	23 18	6 42	4 37	25 11	2 18	23 32	0 11	24 0	3 9	12 39	0 45	21 58	0 26	14 48	0 27	7 41
S 20	23 20	11 27	3 52	25 3	2 18	23 35	0 14	24 6	3 12	12 39	0 46	21 58	0 26	14 47	0 27	7 41
M21	23 21	15 32	2 55	24 55	2 19	23 38	0 16	24 12	3 15	12 40	0 46	21 57	0 26	14 47	0 27	7 41
T 22	23 21	18 45	1 48	24 45	2 19	23 40	0 19	24 17	3 17	12 41	0 46	21 56	0 26	14 46	0 27	7 42
W23	23 22	20 53	0 36	24 33	2 18	23 41	0 21	24 23	3 20	12 41	0 46	21 56	0 26	14 46	0 27	7 42
T 24	23 21	21 50	0s37	24 20	2 17	23 41	0 23	24 29	3 23	12 42	0 47	21 55	0 26	14 45	0 27	7 42
F 25	23 20	21 34	1 46	24 6	2 15	23 41	0 26	24 35	3 25	12 43	0 47	21 54	0 26	14 45	0 27	7 43
S 26	23 19	20 10	2 49	23 51	2 12	23 40	0 28	24 41	3 28	12 44	0 47	21 53	0 26	14 45	0 27	7 43
S 27	23 18	17 48	3 42	23 34	2 9	23 38	0 30	24 47	3 30	12 45	0 47	21 52	0 26	14 44	0 27	7 43
M28	23 15	14 40	4 24	23 16	2 5	23 36	0 32	24 53	3 33	12 46	0 47	21 52	0 26	14 44	0 27	7 44
T 29	23 13	10 58	4 53	22 58	2 1	23 33	0 35	24 59	3 35	12 47	0 48	21 51	0 25	14 44	0 27	7 44
W30	23 10	6 53	5 9	22 38	1 55	23 29	0 37	25 4	3 37	12 48	0 48	21 50	0 25	14 43	0 27	7 44
T 31	23s 6	2n34	5s11	22s17	1s49	23s24	0s39	25n10	3n39	12n49	0n48	21s49	0n25	14n43	0s27	7s45

Julian Day Number = 2673580.5, Delta T = 20m43s

Ecliptic obliquity = 23°21'33, Nutation = 0°00'15

Ayanamsha: Fagan/Bradley = 33°14'35, Lahiri = 32°21'35

# ASTRODIENST EPHEMERIS for the year 2608

JANUARY 2608

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	6 38 59	9°17'35	22°58	29°8	13°59	21°R40	28°R 8	17°27	11°R11	23°41	20°R50	7°R 5	5°52	11°59	11°18	F 1
S 2	6 42 56	10°18'39	4°51	0°15	15°14	21°17	28°R 5	17°34	11°R10	23°42	20°R50	7°R 3	5°49	12° 6	11°19	S 2
S 3	6 46 53	11°19'43	16°51	1°17	16°30	20°54	28° 1	17°42	11° 9	23°42	20°49	7°D 3	5°46	12°13	11°19	S 3
M 4	6 50 49	12°20'48	29° 1	2°14	17°45	20°31	27°58	17°49	11° 8	23°43	20°48	7° 5	5°43	12°20	11°20	M 4
T 5	6 54 46	13°21'54	11°18	3° 6	19° 1	20° 7	27°54	17°56	11° 8	23°44	20°48	7° 6	5°39	12°26	11°20	T 5
W 6	6 58 42	14°23'01	24°15	3°50	20°16	19°43	27°50	18° 3	11° 7	23°45	20°47	7° 8	5°36	12°33	11°21	W 6
T 7	7 2 39	15°24'08	7°25	4°27	21°31	19°20	27°45	18°10	11° 6	23°45	20°46	7°R 8	5°33	12°40	11°22	T 7
F 8	7 6 35	16°25'16	21° 2	4°55	22°47	18°56	27°41	18°17	11° 6	23°46	20°46	7° 8	5°30	12°46	11°23	F 8
S 9	7 10 32	17°26'24	5°3	5°14	24° 2	18°32	27°37	18°24	11° 5	23°46	20°45	7° 5	5°27	12°53	11°24	S 9
S 10	7 14 29	18°27'32	19°26	5°R23	25°18	18° 8	27°32	18°31	11° 4	23°47	20°45	7° 0	5°23	13° 0	11°25	S 10
M11	7 18 25	19°28'40	4°5	5°20	26°33	17°44	27°27	18°38	11° 4	23°47	20°44	6°54	5°20	13° 7	11°26	M11
T 12	7 22 22	20°29'49	18°53	5° 6	27°49	17°21	27°22	18°45	11° 3	23°48	20°44	6°46	5°17	13°13	11°27	T 12
W13	7 26 18	21°30'57	3°41	4°40	29° 4	16°57	27°17	18°52	11° 3	23°48	20°43	6°40	5°14	13°20	11°28	W13
T 14	7 30 15	22°32'06	18°22	4° 3	0°20	16°34	27°11	18°59	11° 3	23°49	20°43	6°34	5°11	13°27	11°29	T 14
F 15	7 34 11	23°33'13	2°Y50	3°14	1°35	16°11	27° 6	19° 7	11° 2	23°49	20°42	6°30	5° 8	13°34	11°30	F 15
S 16	7 38 8	24°34'21	17° 1	2°15	2°50	15°49	27° 0	19°14	11° 2	23°50	20°42	6°28	5° 4	13°40	11°31	S 16
S 17	7 42 4	25°35'28	0°54	1° 7	4° 6	15°27	26°54	19°21	11° 2	23°50	20°41	6°D28	5° 1	13°47	11°33	S 17
M18	7 46 1	26°36'35	14°28	29°52	5°21	15° 5	26°48	19°28	11° 2	23°50	20°41	6°29	4°58	13°54	11°34	M18
T 19	7 49 58	27°37'42	27°47	28°34	6°37	14°44	26°42	19°35	11° 2	23°50	20°41	6°30	4°55	14° 0	11°36	T 19
W20	7 53 54	28°38'48	10°II50	27°13	7°52	14°23	26°36	19°42	11°D 2	23°51	20°40	6°R30	4°52	14° 7	11°37	W20
T 21	7 57 51	29°39'54	23°41	25°54	9° 7	14° 3	26°30	19°49	11° 2	23°51	20°40	6°28	4°49	14°14	11°39	T 21
F 22	8 1 47	0°41'00	6°21	24°38	10°23	13°44	26°23	19°56	11° 2	23°51	20°40	6°24	4°45	14°21	11°40	F 22
S 23	8 5 44	1°42'05	18°51	23°27	11°38	13°25	26°17	20° 3	11° 2	23°51	20°40	6°18	4°42	14°27	11°42	S 23
S 24	8 9 40	2°43'09	1°11	22°23	12°54	13° 6	26°10	20°10	11° 2	23°51	20°39	6° 8	4°39	14°34	11°43	S 24
M25	8 13 37	3°44'14	13°23	21°28	14° 9	12°49	26° 3	20°17	11° 2	23°51	20°39	5°57	4°36	14°41	11°45	M25
T 26	8 17 33	4°45'18	25°28	20°42	15°24	12°32	25°56	20°24	11° 3	23°R51	20°39	5°46	4°33	14°47	11°47	T 26
W27	8 21 30	5°46'21	7°26	20° 5	16°39	12°15	25°49	20°31	11° 3	23°51	20°39	5°34	4°29	14°54	11°49	W27
T 28	8 25 27	6°47'24	19°19	19°38	17°55	12° 0	25°42	20°38	11° 3	23°51	20°38	5°23	4°26	15° 1	11°51	T 28
F 29	8 29 23	7°48'27	1°9	19°20	19°10	11°45	25°35	20°45	11° 4	23°51	20°38	5°15	4°23	15° 8	11°52	F 29
S 30	8 33 20	8°49'30	13° 1	19°12	20°25	11°31	25°27	20°51	11° 4	23°51	20°38	5° 9	4°20	15°14	11°54	S 30
S 31	8 37 16	9°50'32	24°58	19°D12	21°41	11°17	25°20	20°58	11° 5	23°51	20°38	5° 5	4°17	15°21	11°56	S 31

Day	☉	☾		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	23s 2	1s49	5s 0	21s56	1s42	23s19	0s41	25n16	3n41	12n50	0n48	21s48	0n25	14n43	0s27	7s45	1n31	2n26	16s 0	21s25	21s13	2n18	6n 9	1n50	
S 2	22 58	6 9	4 36	21 33	1 34	23 13	0 43	25 22	3 43	12 52	0 49	21 48	0 25	14 43	0 27	7 45	1 31	2 26	16 0	21 25	21 12	2 16	6 9	1 50	
S 3	22 53	10 18	4 0	21 11	1 25	23 6	0 45	25 27	3 45	12 53	0 49	21 47	0 25	14 42	0 27	7 45	1 31	2 26	16 0	21 25	21 12	2 13	6 9	1 50	
M 4	22 47	14 6	3 13	20 48	1 14	22 58	0 47	25 32	3 47	12 55	0 49	21 46	0 25	14 42	0 26	7 46	1 31	2 26	16 0	21 25	21 11	2 11	6 9	1 50	
T 5	22 41	17 22	2 15	20 25	1 3	22 50	0 49	25 38	3 49	12 56	0 49	21 45	0 25	14 42	0 26	7 46	1 31	2 26	15 59	21 25	21 11	2 9	6 9	1 50	
W 6	22 35	19 54	1 10	20 3	0 50	22 41	0 51	25 43	3 50	12 58	0 50	21 44	0 25	14 42	0 26	7 46	1 31	2 26	15 59	21 26	21 10	2 6	6 9	1 50	
T 7	22 28	21 27	0n 2	19 41	0 37	22 31	0 53	25 48	3 52	12 59	0 50	21 43	0 25	14 41	0 26	7 46	1 32	2 26	15 59	21 26	21 9	2 4	6 10	1 49	
F 8	22 21	21 49	1 15	19 20	0 22	22 21	0 55	25 53	3 53	13 1	0 50	21 42	0 25	14 41	0 26	7 46	1 32	2 26	15 58	21 26	21 9	2 1	6 10	1 49	
S 9	22 14	20 50	2 26	19 0	0 6	22 10	0 57	25 57	3 55	13 3	0 50	21 42	0 25	14 41	0 26	7 47	1 32	2 27	15 58	21 25	21 8	1 59	6 10	1 49	
S 10	22 6	18 31	3 29	18 41	0n11	21 58	0 59	26 2	3 56	13 5	0 50	21 41	0 25	14 41	0 26	7 47	1 32	2 27	15 58	21 24	21 8	1 56	6 10	1 49	
M11	21 57	14 58	4 20	18 24	0 29	21 46	1 1	26 6	3 57	13 7	0 51	21 40	0 25	14 41	0 26	7 47	1 32	2 27	15 58	21 23	21 7	1 54	6 10	1 49	
T 12	21 48	10 28	4 53	18 10	0 47	21 33	1 3	26 10	3 58	13 9	0 51	21 39	0 24	14 41	0 26	7 47	1 32	2 27	15 57	21 22	21 7	1 52	6 11	1 49	
W13	21 39	5 20	5 8	17 57	1 7	21 20	1 4	26 14	3 59	13 11	0 51	21 38	0 24	14 41	0 26	7 47	1 32	2 27	15 57	21 21	21 6	1 49	6 11	1 48	
T 14	21 29	0n 3	5 2	17 47	1 26	21 5	1 6	26 18	3 59	13 13	0 51	21 37	0 24	14 41	0 26	7 47	1 32	2 27	15 57	21 20	21 6	1 47	6 11	1 48	
F 15	21 19	5 21	4 37	17 40	1 45	20 50	1 8	26 21	4 0	13 15	0 51	21 36	0 24	14 41	0 26	7 47	1 32	2 28	15 56	21 19	21 5	1 44	6 12	1 48	
S 16	21 8	10 17	3 55	17 35	2 3	20 35	1 9	26 24	4 1	13 17	0 52	21 35	0 24	14 40	0 26	7 47	1 32	2 28	15 56	21 19	21 4	1 42	6 12	1 48	
S 17	20 57	14 33	3 0	17 33	2 21	20 19	1 11	26 27	4 1	13 19	0 52	21 34	0 24	14 40	0 26	7 47	1 32	2 28	15 56	21 19	21 4	1 39	6 12	1 48	
M18	20 46	17 58	1 56	17 34	2 36	20 2	1 12	26 30	4 1	13 21	0 52	21 33	0 24	14 40	0 26	7 47	1 32	2 28	15 55	21 19	21 3	1 37	6 13	1 48	
T 19	20 34	20 21	0 47	17 36	2 50	19 45	1 14	26 33	4 2	13 23	0 52	21 32	0 24	14 40	0 26	7 48	1 32	2 29	15 55	21 19	21 3	1 35	6 13	1 47	
W20	20 22	21 37	0s23	17 40	3 2	19 27	1 15	26 35	4 2	13 26	0 52	21 31	0 24	14 40	0 26	7 48	1 32	2 29	15 55	21 19	21 2	1 32	6 14	1 47	
T 21	20 9	21 42	1 31	17 46	3 11	19 9	1 16	26 38	4 2	13 28	0 53	21 30	0 24	14 41	0 26	7 48	1 32	2 29	15 54	21 19	21 2	1 30	6 14	1 47	
F 22	19 56	20 40	2 33	17 53	3 18	18 50	1 18	26 40	4 2	13 30	0 53	21 30	0 24	14 41	0 26	7 48	1 32	2 29	15 54	21 18	21 1	1 27	6 14	1 47	
S 23	19 43	18 38	3 27	18 1	3 22	18 30	1 19	26 41	4 2	13 33	0 53	21 29	0 24	14 41	0 26	7 48	1 32	2 30	15 54	21 17	21 0	1 25	6 15	1 47	
S 24	19 29	15 46	4 10	18 9	3 24	18 10	1 20	26 43	4 1	13 35	0 53	21 28	0 24	14 41	0 26	7 48	1 33	2 30	15 53	21 16	21 0	1 22	6 15	1 47	
M25	19 15	12 15	4 41	18 19	3 23	17 49	1 21	26 45	4 1	13 38	0 53	21 27	0 24	14 41	0 26	7 47	1 33	2 30	15 53	21 14	20 59	1 20	6 16	1 47	
T 26	19 1	8 18	4 59	18 28	3 21	17 28	1 22	26 46	4 1	13 40	0 54	21 26	0 24	14 41	0 26	7 47	1 33	2 30	15 53	21 12	20 59	1 18	6 17	1 46	
W27	18 46	4 3	5 3	18 38	3 16	17 7	1 23	26 47	4 0	13 43	0 54	21 25	0 24	14 41	0 26	7 47	1 33	2 31	15 52	21 10	20 58	1 15	6 17	1 46	
T 28	18 31	0s18	4 55	18 47	3 10	16 45	1 24	26 48	4 0	13 45	0 54	21 24	0 23	14 41	0 26	7 47	1 33	2 31	15 52	21 8	20 57	1 13	6 18	1 46	
F 29	18 15	4 38	4 33	18 57	3 3	16 22	1 25	26 48	3 59	13 48	0 54	21 23	0 23	14 41	0 26	7 47	1 33	2 31	15 52	21 6	20 57	1 10	6 18	1 46	
S 30	18 0	8 49	4 0	19 6	2 55	15 59	1 26	26 49	3 58	13 51	0 54	21 22	0 23	14 42	0 26	7 47	1 33	2 31	15 51	21 5	20 56	1 8	6 19	1 46	
S 31	17s43	12s41	3s16	19s15	2n46	15s36	1s27	26n49	3n57	13n53	0n54	21s21	0n23	14n42	0s26	7s47	1n33	2n32	15s51	21s 5	20s56	1n 6	6n20	1n46	

## ASTRODIENST EPHEMERIS for the year 2608

FEBRUARY 2608

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	8 41 13	10°51'34	7°14' 4	19°30'20	22°55'56	11°R 5	25°R12	21°30' 5	11°30' 6	23°R51	20°R38	5°D 4	4°14'14	15°11'28	11°15'58	M 1
T 2	8 45 9	11°52'36	19°25	19°35	24°11	10°53	25°10	21°12	11° 6	23°50	20°38	5°R 4	4°10	15°35	12° 1	T 2
W 3	8 49 6	12°53'37	2°17' 7	19°57	25°26	10°42	24°57	21°19	11° 7	23°50	20°38	5°R 4	4° 7	15°41	12° 3	W 3
T 4	8 53 2	13°54'38	15°13	20°25	26°42	10°32	24°49	21°25	11° 8	23°50	20°D38	5° 4	4° 4	15°48	12° 5	T 4
F 5	8 56 59	14°55'39	28°48	20°59	27°57	10°23	24°42	21°32	11° 8	23°49	20°38	5° 2	4° 1	15°55	12° 7	F 5
S 6	9 0 56	15°56'39	12°35'2	21°38	29°12	10°14	24°34	21°39	11° 9	23°49	20°38	4°57	3°58	16° 1	12° 9	S 6
S 7	9 4 52	16°57'38	27°24	22°22	0°11'27	10° 6	24°26	21°46	11°10	23°49	20°38	4°49	3°55	16° 8	12°12	S 7
M 8	9 8 49	17°58'37	12°29'19	23°10	1°43	9°59	24°18	21°52	11°11	23°48	20°38	4°39	3°51	16°15	12°14	M 8
T 9	9 12 45	18°59'35	27°29	24° 1	2°58	9°53	24°10	21°59	11°12	23°48	20°38	4°28	3°48	16°22	12°16	T 9
W10	9 16 42	20° 0'31	12°11'41	24°56	4°13	9°48	24° 2	22° 5	11°13	23°47	20°38	4°17	3°45	16°28	12°19	W10
T 11	9 20 38	21° 1'27	27°47	25°55	5°28	9°43	23°54	22°12	11°14	23°47	20°38	4° 7	3°42	16°35	12°21	T 11
F 12	9 24 35	22° 2'21	12°11'36	26°56	6°43	9°40	23°46	22°18	11°16	23°46	20°39	4° 0	3°39	16°42	12°24	F 12
S 13	9 28 31	23° 3'14	27° 2	27°59	7°58	9°37	23°38	22°25	11°17	23°46	20°39	3°55	3°35	16°48	12°26	S 13
S 14	9 32 28	24° 4'06	11°18' 3	29° 5	9°13	9°35	23°30	22°31	11°18	23°45	20°39	3°53	3°32	16°55	12°29	S 14
M15	9 36 25	25° 4'57	24°39	0°11'14	10°28	9°33	23°22	22°38	11°19	23°44	20°39	3°D52	3°29	17° 2	12°32	M15
T 16	9 40 21	26° 5'46	7°11'52	1°24	11°44	9°D33	23°14	22°44	11°21	23°44	20°39	3°R52	3°26	17° 9	12°34	T 16
W17	9 44 18	27° 6'34	20°46	2°36	12°59	9°33	23° 6	22°50	11°22	23°43	20°40	3°52	3°23	17°15	12°37	W17
T 18	9 48 14	28° 7'20	3°52'23	3°50	14°14	9°34	22°58	22°56	11°24	23°42	20°40	3°49	3°20	17°22	12°40	T 18
F 19	9 52 11	29° 8'05	15°48	5° 5	15°29	9°36	22°50	23° 3	11°25	23°41	20°40	3°43	3°16	17°29	12°43	F 19
S 20	9 56 7	0°11'8'49	28° 3	6°22	16°43	9°38	22°43	23° 9	11°27	23°41	20°41	3°35	3°13	17°35	12°45	S 20
S 21	10 0 4	1° 9'31	10°11'11	7°41	17°58	9°41	22°35	23°15	11°28	23°40	20°41	3°23	3°10	17°42	12°48	S 21
M22	10 4 0	2°10'12	22°13	9° 1	19°13	9°45	22°27	23°21	11°30	23°39	20°41	3° 9	3° 7	17°49	12°51	M22
T 23	10 7 57	3°10'51	4°11'10	10°22	20°18	9°50	22°19	23°27	11°31	23°38	20°42	2°54	3° 4	17°56	12°54	T 23
W24	10 11 54	4°11'29	16° 4	11°44	21°43	9°55	22°11	23°33	11°33	23°37	20°42	2°39	3° 1	18° 2	12°57	W24
T 25	10 15 50	5°12'05	27°56	13° 8	22°58	10° 1	22° 4	23°39	11°35	23°36	20°43	2°26	2°57	18° 9	13° 0	T 25
F 26	10 19 47	6°12'41	9°11'48	14°32	24°13	10° 7	21°56	23°45	11°37	23°35	20°43	2°14	2°54	18°16	13° 3	F 26
S 27	10 23 43	7°13'15	21°41	15°58	25°27	10°14	21°49	23°50	11°39	23°34	20°43	2° 6	2°51	18°22	13° 6	S 27
S 28	10 27 40	8°13'48	3°11'38	17°25	26°42	10°22	21°41	23°56	11°41	23°33	20°44	2° 0	2°48	18°29	13° 9	S 28
M29	10 31 36	9°14'19	15°11'45	18°53	27°11'57	10°53	21°12'34	24°30' 2	11°42	23°32	20°44	1°11'57	2°11'45	18°36	13°12	M29

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	17s27	16s 5	2s23	19s23	2n37	15s12	1s27	26n50	3n57	13n56	0n55	21s20	0n23	14n42	0s26	7s47	1n33	2n32	15s51	21s 4
T 2	17 10	18 51	1 22	19 31	2 26	14 48	1 28	26 50	3 56	13 59	0 55	21 19	0 23	14 42	0 26	7 47	1 33	2 32	15 50	21 4
W 3	16 53	20 46	0 16	19 38	2 16	14 23	1 28	26 50	3 55	14 1	0 55	21 18	0 23	14 42	0 26	7 47	1 33	2 33	15 50	21 4
T 4	16 36	21 39	0n54	19 45	2 6	13 58	1 29	26 50	3 54	14 4	0 55	21 17	0 23	14 43	0 26	7 46	1 33	2 33	15 50	21 4
F 5	16 18	21 19	2 2	19 50	1 55	13 33	1 29	26 49	3 53	14 7	0 55	21 16	0 23	14 43	0 26	7 46	1 33	2 33	15 49	21 4
S 6	16 0	19 39	3 6	19 55	1 44	13 7	1 30	26 49	3 52	14 10	0 55	21 15	0 23	14 43	0 25	7 46	1 33	2 34	15 49	21 3
S 7	15 42	16 41	4 0	19 59	1 33	12 41	1 30	26 48	3 50	14 12	0 55	21 14	0 23	14 44	0 25	7 46	1 33	2 34	15 49	21 2
M 8	15 24	12 35	4 39	20 1	1 22	12 14	1 30	26 48	3 49	14 15	0 56	21 13	0 23	14 44	0 25	7 46	1 33	2 34	15 48	21 0
T 9	15 5	7 37	4 59	20 3	1 12	11 47	1 30	26 47	3 48	14 18	0 56	21 12	0 23	14 44	0 25	7 45	1 33	2 35	15 48	20 58
W10	14 46	2 11	4 58	20 4	1 1	11 20	1 30	26 46	3 47	14 21	0 56	21 11	0 23	14 45	0 25	7 45	1 33	2 35	15 48	20 56
T 11	14 26	3n21	4 36	20 4	0 51	10 53	1 30	26 45	3 45	14 23	0 56	21 10	0 23	14 45	0 25	7 45	1 34	2 36	15 47	20 54
F 12	14 7	8 35	3 56	20 2	0 41	10 25	1 30	26 44	3 44	14 26	0 56	21 9	0 23	14 45	0 25	7 45	1 34	2 36	15 47	20 53
S 13	13 47	13 12	3 2	19 59	0 31	9 57	1 30	26 43	3 43	14 29	0 56	21 8	0 23	14 46	0 25	7 44	1 34	2 36	15 47	20 52
S 14	13 27	16 57	1 58	19 56	0 21	9 29	1 30	26 42	3 41	14 32	0 56	21 7	0 22	14 46	0 25	7 44	1 34	2 37	15 46	20 51
M15	13 7	19 39	0 49	19 51	0 12	9 0	1 30	26 40	3 40	14 34	0 56	21 6	0 22	14 47	0 25	7 44	1 34	2 37	15 46	20 51
T 16	12 47	21 12	0s21	19 45	0 2	8 31	1 30	26 39	3 39	14 37	0 56	21 5	0 22	14 47	0 25	7 44	1 34	2 37	15 45	20 51
W17	12 26	21 35	1 28	19 37	0s 7	8 2	1 29	26 38	3 37	14 40	0 57	21 4	0 22	14 48	0 25	7 43	1 34	2 38	15 45	20 51
T 18	12 5	20 50	2 29	19 29	0 15	7 33	1 29	26 36	3 36	14 42	0 57	21 3	0 22	14 48	0 25	7 43	1 34	2 38	15 45	20 51
F 19	11 44	19 5	3 22	19 19	0 24	7 4	1 28	26 35	3 34	14 45	0 57	21 2	0 22	14 48	0 25	7 43	1 34	2 39	15 44	20 49
S 20	11 23	16 29	4 4	19 8	0 32	6 34	1 28	26 33	3 33	14 48	0 57	21 1	0 22	14 49	0 25	7 42	1 34	2 39	15 44	20 48
S 21	11 2	13 12	4 35	18 56	0 40	6 4	1 27	26 31	3 31	14 50	0 57	21 0	0 22	14 49	0 25	7 42	1 34	2 40	15 44	20 46
M22	10 40	9 25	4 54	18 43	0 48	5 34	1 26	26 29	3 30	14 53	0 57	20 59	0 22	14 50	0 25	7 42	1 34	2 40	15 43	20 43
T 23	10 18	5 18	4 59	18 28	0 55	5 4	1 25	26 28	3 28	14 55	0 57	20 58	0 22	14 51	0 25	7 41	1 34	2 40	15 43	20 40
W24	9 56	1 0	4 51	18 12	1 2	4 34	1 25	26 26	3 27	14 58	0 57	20 57	0 22	14 51	0 25	7 41	1 34	2 41	15 43	20 37
T 25	9 34	3s19	4 31	17 55	1 9	4 4	1 24	26 24	3 25	15 1	0 57	20 56	0 22	14 52	0 25	7 40	1 34	2 41	15 42	20 35
F 26	9 12	7 31	3 58	17 37	1 15	3 33	1 23	26 22	3 24	15 3	0 57	20 55	0 22	14 52	0 25	7 40	1 34	2 42	15 42	20 32
S 27	8 50	11 27	3 15	17 17	1 21	3 3	1 22	26 20	3 22	15 6	0 57	20 54	0 22	14 53	0 25	7 40	1 34	2 42	15 42	20 31
S 28	8 27	14 56	2 24	16 57	1 27	2 32	1 20	26 17	3 21	15 8	0 57	20 53	0 22	14 53	0 25	7 39	1 34	2 43	15 41	20 30
M29	8s 5	17s51	1s25	16s35	1s33	2s 2	1s19	26n15	3n19	15n10	0n57	20s52	0n22	14n54	0s25	7s39	1n34	2n43	15s41	20s29

Julian Day Number = 2673642.5, Delta T = 20m44s

Ecliptic obliquity = 23°21'33, Nutation = 0°00'17

Ayanamsha: Fagan/Bradley = 33°14'44, Lahiri = 32°21'44

## ASTRODIENST EPHEMERIS for the year 2608

MARCH 2608

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 35 33	10°14'50	28°11'4	20°22	29°12	10°40	21°R27	24°8	11°844	23°R31	20°45	1°D57	2°41	18°43	13°15	T 1
W 2	10 39 29	11°15'19	10°14	21°52	0°Y26	10°49	21°Q20	24°13	11°47	23°30	20°46	1°R57	2°38	18°49	13°18	W 2
T 3	10 43 26	12°15'47	23°40	23°23	1°41	10°59	21°13	24°19	11°49	23°29	20°46	1°56	2°35	18°56	13°21	T 3
F 4	10 47 22	13°16'14	7°3	24°54	2°56	11°10	21°6	24°24	11°51	23°28	20°47	1°54	2°32	19°3	13°25	F 4
S 5	10 51 19	14°16'39	21°2	26°27	4°10	11°22	20°59	24°30	11°53	23°27	20°47	1°50	2°29	19°10	13°28	S 5
S 6	10 55 16	15°17'03	5°28	28°1	5°25	11°34	20°52	24°35	11°55	23°25	20°48	1°43	2°26	19°16	13°31	S 6
M 7	10 59 12	16°17'26	20°20	29°36	6°39	11°46	20°45	24°40	11°57	23°24	20°49	1°34	2°22	19°23	13°34	M 7
T 8	11 3 9	17°17'47	5°32	1°12	7°54	11°59	20°39	24°45	12°0	23°23	20°49	1°23	2°19	19°30	13°38	T 8
W 9	11 7 5	18°18'07	20°52	2°49	9°8	12°12	20°33	24°51	12°2	23°22	20°50	1°12	2°16	19°36	13°41	W 9
T 10	11 11 2	19°18'24	6°Y11	4°27	10°23	12°26	20°26	24°56	12°4	23°20	20°51	1°2	2°13	19°43	13°44	T 10
F 11	11 14 58	20°18'40	21°15	6°6	11°37	12°41	20°20	25°1	12°7	23°19	20°52	0°55	2°10	19°50	13°47	F 11
S 12	11 18 55	21°18'54	5°57	7°46	12°51	12°56	20°14	25°6	12°9	23°18	20°52	0°50	2°6	19°57	13°51	S 12
S 13	11 22 51	22°19'06	20°12	9°27	14°6	13°11	20°8	25°10	12°12	23°16	20°53	0°47	2°3	20°3	13°54	S 13
M14	11 26 48	23°19'17	3°II59	11°9	15°20	13°27	20°3	25°15	12°14	23°15	20°54	0°D47	2°0	20°10	13°58	M14
T 15	11 30 45	24°19'25	17°18	12°52	16°34	13°44	19°57	25°20	12°17	23°14	20°55	0°47	1°57	20°17	14°1	T 15
W16	11 34 41	25°19'31	0°3	14°36	17°49	14°0	19°52	25°25	12°19	23°12	20°55	0°R48	1°54	20°23	14°4	W16
T 17	11 38 38	26°19'35	12°48	16°22	19°3	14°18	19°47	25°29	12°22	23°11	20°56	0°46	1°51	20°30	14°8	T 17
F 18	11 42 34	27°19'36	25°7	18°8	20°17	14°35	19°42	25°34	12°24	23°9	20°57	0°42	1°47	20°37	14°11	F 18
S 19	11 46 31	28°19'36	7°15	19°55	21°31	14°53	19°37	25°38	12°27	23°8	20°58	0°36	1°44	20°44	14°15	S 19
S 20	11 50 27	29°19'34	19°15	21°44	22°45	15°12	19°32	25°43	12°30	23°6	20°59	0°27	1°41	20°50	14°18	S 20
M21	11 54 24	0°Y19'29	1°10	23°34	23°59	15°31	19°27	25°47	12°32	23°5	21°0	0°17	1°38	20°57	14°22	M21
T 22	11 58 20	1°19'22	13°3	25°25	25°13	15°50	19°23	25°51	12°35	23°3	21°1	0°5	1°35	21°4	14°25	T 22
W23	12 2 17	2°19'14	24°55	27°17	26°27	16°9	19°19	25°55	12°38	23°2	21°2	29°15.4	1°32	21°10	14°29	W23
T 24	12 6 14	3°19'03	6°48	29°10	27°41	16°29	19°15	25°59	12°41	23°0	21°3	29°43	1°28	21°17	14°32	T 24
F 25	12 10 10	4°18'51	18°43	1°Y4	28°55	16°50	19°11	26°3	12°44	22°59	21°4	29°34	1°25	21°24	14°36	F 25
S 26	12 14 7	5°18'37	0°14.2	3°0	0°8	17°10	19°7	26°7	12°47	22°57	21°5	29°28	1°22	21°31	14°39	S 26
S 27	12 18 3	6°18'21	12°46	4°56	1°22	17°31	19°4	26°11	12°49	22°56	21°6	29°24	1°19	21°37	14°43	S 27
M28	12 22 0	7°18'03	24°59	6°54	2°36	17°53	19°0	26°15	12°52	22°54	21°7	29°D22	1°16	21°44	14°46	M28
T 29	12 25 56	8°17'44	7°24	8°52	3°50	18°14	18°57	26°19	12°55	22°53	21°8	29°22	1°12	21°51	14°50	T 29
W30	12 29 53	9°17'22	20°4	10°51	5°3	18°36	18°54	26°22	12°58	22°51	21°9	29°23	1°9	21°57	14°54	W30
T 31	12 33 49	10°Y17'00	3°2	12°Y51	6°17	18°58	18°51	26°26	13°8	22°50	21°10	29°15.4	1°6	22°14	14°Y57	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	7s42	20s0	0s21	16s12	1s38	1s31	1s18	26n13	3n18	15n13	0n57	20s52	0n22	14n55	0s25	7s38	1n34
W 2	7 19	21 13	0n46	15 47	1 42	1 0	1 17	26 11	3 16	15 15	0 57	20 51	0 22	14 55	0 25	7 38	1 34
T 3	6 56	21 20	1 52	15 22	1 47	0 29	1 15	26 8	3 15	15 17	0 57	20 50	0 22	14 56	0 25	7 37	1 35
F 4	6 33	20 16	2 55	14 55	1 51	0n 2	1 14	26 6	3 13	15 20	0 57	20 49	0 22	14 57	0 25	7 37	1 35
S 5	6 10	17 57	3 49	14 27	1 55	0 33	1 12	26 4	3 12	15 22	0 57	20 48	0 22	14 57	0 25	7 37	1 35
S 6	5 47	14 28	4 31	13 58	1 58	1 4	1 11	26 1	3 10	15 24	0 57	20 47	0 21	14 58	0 25	7 36	1 35
M 7	5 24	9 59	4 56	13 28	2 1	1 34	1 9	25 58	3 9	15 26	0 57	20 46	0 21	14 59	0 25	7 36	1 35
T 8	5 0	4 47	5 0	12 56	2 4	2 5	1 8	25 56	3 7	15 28	0 57	20 45	0 21	15 0	0 25	7 35	1 35
W 9	4 37	0n45	4 44	12 24	2 6	2 36	1 6	25 53	3 6	15 30	0 57	20 44	0 21	15 0	0 25	7 35	1 35
T 10	4 13	6 14	4 7	11 50	2 8	2 3	1 4	25 50	3 4	15 32	0 57	20 43	0 21	15 1	0 25	7 34	1 35
F 11	3 50	11 15	3 13	11 15	2 10	3 38	1 2	25 47	3 3	15 34	0 57	20 43	0 21	15 2	0 25	7 34	1 35
S 12	3 26	15 28	2 8	10 39	2 11	4 8	1 0	25 44	3 1	15 36	0 57	20 42	0 21	15 2	0 25	7 33	1 35
S 13	3 2	18 38	0 56	10 2	2 11	4 39	0 58	25 41	3 0	15 38	0 57	20 41	0 21	15 3	0 25	7 33	1 35
M14	2 39	20 36	0s17	9 23	2 12	5 9	0 56	25 38	2 58	15 40	0 57	20 40	0 21	15 4	0 25	7 32	1 35
T 15	2 15	21 19	1 27	8 44	2 11	5 40	0 54	25 35	2 57	15 41	0 57	20 39	0 21	15 5	0 24	7 31	1 35
W16	1 51	20 52	2 30	8 3	2 11	6 10	0 52	25 32	2 56	15 43	0 57	20 38	0 21	15 6	0 24	7 31	1 35
T 17	1 27	19 22	3 24	7 21	2 10	6 40	0 50	25 29	2 54	15 45	0 57	20 38	0 21	15 6	0 24	7 30	1 35
F 18	1 4	16 59	4 7	6 39	2 8	7 10	0 48	25 26	2 53	15 46	0 57	20 37	0 21	15 7	0 24	7 30	1 35
S 19	0 40	13 54	4 39	5 55	2 6	7 40	0 45	25 22	2 51	15 48	0 57	20 36	0 21	15 8	0 24	7 29	1 35
S 20	0 16	10 17	4 58	5 10	2 4	8 9	0 43	25 19	2 50	15 49	0 57	20 35	0 21	15 9	0 24	7 29	1 35
M21	0n 8	6 17	5 3	4 24	2 1	8 39	0 41	25 15	2 49	15 51	0 57	20 35	0 21	15 10	0 24	7 28	1 35
T 22	0 31	2 5	4 56	3 37	1 57	9 8	0 38	25 12	2 47	15 52	0 57	20 34	0 21	15 11	0 24	7 28	1 35
W23	0 55	2s12	4 36	2 49	1 53	9 37	0 36	25 8	2 46	15 53	0 57	20 33	0 21	15 11	0 24	7 27	1 35
T 24	1 19	6 25	4 3	2 0	1 49	10 6	0 33	25 4	2 45	15 54	0 57	20 32	0 21	15 12	0 24	7 26	1 35
F 25	1 43	10 23	3 20	1 10	1 44	10 34	0 31	25 0	2 43	15 56	0 57	20 32	0 21	15 13	0 24	7 26	1 35
S 26	2 6	13 59	2 28	0 19	1 38	11 3	0 28	24 56	2 42	15 57	0 57	20 31	0 21	15 14	0 24	7 25	1 35
S 27	2 30	17 1	1 28	0n33	1 32	11 31	0 26	24 52	2 41	15 58	0 57	20 30	0 21	15 15	0 24	7 25	1 35
M28	2 53	19 20	0 24	1 25	1 25	11 58	0 23	24 48	2 39	15 59	0 57	20 30	0 20	15 16	0 24	7 24	1 35
T 29	3 17	20 46	0n43	2 18	1 18	12 26	0 20	24 44	2 38	16 0	0 57	20 29	0 20	15 17	0 24	7 23	1 35
W30	3 40	21 10	1 49	3 12	1 11	12 53	0 18	24 40	2 37	16 1	0 57	20 28	0 20	15 18	0 24	7 23	1 35
T 31	4n 4	20s28	2n51	4n 6	1s 3	13n20	0s15	24n35	2n35	16n 1	0n57	20s28	0n20	15n19	0s24	7s22	1n35

Julian Day Number = 2673671.5, Delta T = 20m44s

Ecliptic obliquity = 23°21'33, Nutation = 0°00'16

Ayanamsha: Fagan/Bradley = 33°14'48, Lahiri = 32°21'48

## ASTRODIENST EPHEMERIS for the year 2608

APRIL 2608

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 37 46	11°16'35	16°23	14°52	7°31	19°21	18°49	26°29	13°8	22°R48	21°11	29°R24	1°3	22°11	15°1	F 1
S 2	12 41 43	12°16'09	0°9	16°53	8°44	19°44	18°46	26°32	13°7	22°46	21°12	29°R23	1°0	22°18	15°4	S 2
S 3	12 45 39	13°15'41	14°21	18°54	9°58	20°7	18°44	26°36	13°10	22°45	21°13	29°20	0°57	22°24	15°8	S 3
M 4	12 49 36	14°15'11	28°58	20°56	11°11	20°30	18°42	26°39	13°14	22°43	21°14	29°14	0°53	22°31	15°11	M 4
T 5	12 53 32	15°14'40	13°55	22°57	12°24	20°54	18°40	26°42	13°17	22°41	21°15	29°8	0°50	22°38	15°15	T 5
W 6	12 57 29	16°14'06	29°4	24°58	13°38	21°18	18°38	26°45	13°20	22°40	21°16	29°1	0°47	22°44	15°19	W 6
T 7	13 1 25	17°13'31	14°15	26°58	14°51	21°42	18°37	26°48	13°23	22°38	21°18	28°55	0°44	22°51	15°22	T 7
F 8	13 5 22	18°12'54	29°19	28°57	16°4	22°6	18°36	26°50	13°26	22°36	21°19	28°51	0°41	22°58	15°26	F 8
S 9	13 9 18	19°12'14	14°6	0°55	17°17	22°31	18°34	26°53	13°29	22°35	21°20	28°48	0°37	23°5	15°29	S 9
S 10	13 13 15	20°11'33	28°29	2°51	18°30	22°56	18°34	26°56	13°33	22°33	21°21	28°D47	0°34	23°11	15°33	S 10
M11	13 17 11	21°10'50	12°24	4°44	19°44	23°21	18°33	26°58	13°36	22°32	21°22	28°48	0°31	23°18	15°36	M11
T 12	13 21 8	22°10'04	25°53	6°35	20°57	23°47	18°32	27°1	13°39	22°30	21°23	28°49	0°28	23°25	15°40	T 12
W13	13 25 5	23°9'16	8°55	8°23	22°10	24°12	18°32	27°3	13°42	22°28	21°25	28°50	0°25	23°31	15°43	W13
T 14	13 29 1	24°8'25	31°34	10°8	23°22	24°38	18°D32	27°5	13°46	22°27	21°26	28°R51	0°22	23°38	15°47	T 14
F 15	13 32 58	25°7'33	3°56	11°49	24°35	25°4	18°32	27°8	13°49	22°25	21°27	28°51	0°18	23°45	15°51	F 15
S 16	13 36 54	26°6'38	16°3	13°25	25°48	25°31	18°32	27°10	13°52	22°23	21°28	28°49	0°15	23°51	15°54	S 16
S 17	13 40 51	27°5'40	28°2	14°58	27°1	25°57	18°33	27°12	13°56	22°22	21°30	28°46	0°12	23°58	15°58	S 17
M18	13 44 47	28°4'41	9°56	16°25	28°13	26°24	18°33	27°13	13°59	22°20	21°31	28°41	0°9	24°5	16°1	M18
T 19	13 48 44	29°3'39	21°46	17°48	29°26	26°51	18°34	27°15	14°2	22°18	21°32	28°36	0°6	24°12	16°5	T 19
W20	13 52 40	0°8'235	3°38	19°5	0°39	27°18	18°35	27°17	14°6	22°17	21°33	28°31	0°3	24°18	16°8	W20
T 21	13 56 37	1°1'29	15°33	20°18	1°51	27°45	18°36	27°18	14°9	22°15	21°35	28°26	29°M59	24°25	16°12	T 21
F 22	14 0 34	2°0'21	27°35	21°24	3°4	28°13	18°37	27°20	14°12	22°13	21°36	28°22	29°56	24°32	16°15	F 22
S 23	14 4 30	2°59'11	9°M43	22°25	4°16	28°40	18°39	27°21	14°16	22°12	21°37	28°20	29°53	24°38	16°19	S 23
S 24	14 8 27	3°57'59	22°0	23°20	5°28	29°8	18°41	27°23	14°19	22°10	21°39	28°18	29°50	24°45	16°22	S 24
M25	14 12 23	4°56'46	4°28	24°9	6°40	29°36	18°43	27°24	14°23	22°9	21°40	28°D18	29°47	24°52	16°25	M25
T 26	14 16 20	5°55'30	17°7	24°52	7°53	0°4	18°45	27°25	14°26	22°7	21°41	28°19	29°43	24°59	16°29	T 26
W27	14 20 16	6°54'13	29°59	25°28	9°5	0°33	18°47	27°26	14°29	22°5	21°42	28°21	29°40	25°5	16°32	W27
T 28	14 24 13	7°52'54	13°3	25°59	10°17	1°1	18°49	27°27	14°33	22°4	21°44	28°22	29°37	25°12	16°36	T 28
F 29	14 28 9	8°51'34	26°32	26°24	11°29	1°30	18°52	27°28	14°36	22°2	21°45	28°23	29°34	25°19	16°39	F 29
S 30	14 32 6	9°50'11	10°16	26°42	12°41	1°59	18°55	27°28	14°40	22°1	21°46	28°R24	29°M31	25°25	16°42	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
F 1	4n27	18s37	3n46	5n 1	0s54	13n47	0s12	24n31	2n34	16n 2	0n57	20s27	0n20	15n20	0s24	F 1
S 2	4 50	15 39	4 30	5 55	0 45	14 13	0 10	24 26	2 33	16 3	0 57	20 27	0 20	15 21	0 24	S 2
S 3	5 13	11 42	4 58	6 50	0 35	14 39	0 7	24 21	2 32	16 3	0 57	20 26	0 20	15 21	0 24	S 3
M 4	5 36	6 58	5 9	7 45	0 25	15 4	0 4	24 17	2 30	16 4	0 57	20 26	0 20	15 22	0 24	M 4
T 5	5 59	1 43	4 58	8 40	0 14	15 30	0 1	24 12	2 29	16 5	0 57	20 25	0 20	15 23	0 24	T 5
W 6	6 22	3n43	4 28	9 35	0 4	15 54	0n 2	24 7	2 28	16 5	0 56	20 24	0 20	15 24	0 24	W 6
T 7	6 45	8 57	3 38	10 29	0n 7	16 19	0 5	24 2	2 27	16 5	0 56	20 24	0 20	15 25	0 24	T 7
F 8	7 7	13 35	2 33	11 22	0 19	16 43	0 8	23 57	2 26	16 6	0 56	20 23	0 20	15 26	0 24	F 8
S 9	7 30	17 16	1 19	12 14	0 30	17 6	0 11	23 51	2 24	16 6	0 56	20 23	0 20	15 27	0 24	S 9
S 10	7 52	19 47	0 2	13 5	0 42	17 30	0 13	23 46	2 23	16 6	0 56	20 23	0 20	15 28	0 24	S 10
M11	8 14	21 0	1s14	13 54	0 54	17 52	0 16	23 41	2 22	16 6	0 56	20 22	0 20	15 29	0 24	M11
T 12	8 36	20 56	2 22	14 42	1 5	18 15	0 19	23 35	2 21	16 6	0 56	20 22	0 20	15 30	0 24	T 12
W13	8 58	19 43	3 21	15 28	1 17	18 36	0 22	23 30	2 20	16 6	0 56	20 21	0 20	15 31	0 24	W13
T 14	9 20	17 33	4 9	16 12	1 28	18 58	0 25	23 24	2 19	16 6	0 56	20 21	0 20	15 32	0 24	T 14
F 15	9 42	14 37	4 43	16 54	1 39	19 19	0 28	23 18	2 17	16 6	0 56	20 21	0 20	15 33	0 24	F 15
S 16	10 3	11 7	5 4	17 33	1 49	19 39	0 31	23 12	2 16	16 6	0 56	20 20	0 20	15 34	0 24	S 16
S 17	10 24	7 14	5 12	18 10	1 59	19 59	0 34	23 6	2 15	16 6	0 56	20 20	0 20	15 35	0 24	S 17
M18	10 45	3 6	5 6	18 45	2 9	20 18	0 37	23 0	2 14	16 6	0 56	20 20	0 20	15 36	0 24	M18
T 19	11 6	1s 9	4 47	19 17	2 17	20 37	0 40	22 53	2 13	16 5	0 55	20 19	0 20	15 37	0 24	T 19
W20	11 27	5 21	4 16	19 46	2 25	20 55	0 43	22 47	2 12	16 5	0 55	20 19	0 19	15 38	0 24	W20
T 21	11 47	9 23	3 33	20 12	2 32	21 13	0 46	22 41	2 11	16 5	0 55	20 19	0 19	15 39	0 24	T 21
F 22	12 8	8 13	2 41	20 36	2 39	21 30	0 49	22 34	2 10	16 4	0 55	20 18	0 19	15 40	0 24	F 22
S 23	12 28	16 16	1 40	20 57	2 44	21 46	0 52	22 27	2 9	16 4	0 55	20 18	0 19	15 41	0 24	S 23
S 24	12 48	18 46	0 35	21 15	2 48	22 2	0 55	22 21	2 8	16 3	0 55	20 18	0 19	15 42	0 24	S 24
M25	13 8	20 24	0n34	21 31	2 51	22 18	0 58	22 14	2 6	16 2	0 55	20 18	0 19	15 43	0 24	M25
T 26	13 27	21 3	1 42	21 43	2 53	22 33	1 0	22 7	2 5	16 2	0 55	20 18	0 19	15 44	0 24	T 26
W27	13 46	20 36	2 46	21 53	2 54	22 47	1 3	21 59	2 4	16 1	0 55	20 17	0 19	15 45	0 24	W27
T 28	14 5	19 1	3 43	22 0	2 54	23 0	1 6	21 52	2 3	16 0	0 55	20 17	0 19	15 46	0 24	T 28
F 29	14 24	16 23	4 28	22 5	2 53	23 13	1 9	21 45	2 2	15 59	0 55	20 17	0 19	15 47	0 24	F 29
S 30	14n43	12s47	5n 0	22n 6	2n50	23n25	1n12	21n37	2n 1	15n58	0n55	20s17	0n19	15n48	0s24	S 30

Julian Day Number = 2673702.5, Delta T = 20m44s

Ecliptic obliquity = 23°21'33, Nutation = 0°00'15

Ayanamsha: Fagan/Bradley = 33°14'52, Lahiri = 32°21'52

## ASTRODIENST EPHEMERIS for the year 2608

MAY 2608

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 36 3	10 <sup>8</sup> 48'47	24 <sup>28</sup> 19	26 <sup>8</sup> 54	13 <sup>11</sup> 52	2 <sup>0</sup> 27	18 <sup>0</sup> 58	27 <sup>3</sup> 29	14 <sup>8</sup> 43	21 <sup>0</sup> R59	21 <sup>8</sup> 48	28 <sup>0</sup> R23	29 <sup>11</sup> 28	25 <sup>10</sup> 32	16 <sup>17</sup> 46	S 1
M 2	14 39 59	11 <sup>0</sup> 47'22	8 <sup>1</sup> 39	27 <sup>0</sup> 1	15 <sup>0</sup> 4	2 <sup>5</sup> 57	19 <sup>0</sup> 1	27 <sup>0</sup> 29	14 <sup>0</sup> 47	21 <sup>1</sup> 58	21 <sup>0</sup> 49	28 <sup>11</sup> 22	29 <sup>0</sup> 24	25 <sup>0</sup> 39	16 <sup>0</sup> 49	M 2
T 3	14 43 56	12 <sup>0</sup> 45'55	23 <sup>0</sup> 15	27 <sup>0</sup> R 1	16 <sup>0</sup> 16	3 <sup>0</sup> 26	19 <sup>0</sup> 4	27 <sup>0</sup> 30	14 <sup>0</sup> 50	21 <sup>0</sup> 56	21 <sup>0</sup> 50	28 <sup>0</sup> 20	29 <sup>0</sup> 21	25 <sup>0</sup> 46	16 <sup>0</sup> 52	T 3
W 4	14 47 52	13 <sup>0</sup> 44'26	8 <sup>0</sup> Y 1	26 <sup>0</sup> 56	17 <sup>0</sup> 28	3 <sup>0</sup> 55	19 <sup>0</sup> 8	27 <sup>0</sup> 30	14 <sup>0</sup> 53	21 <sup>0</sup> 55	21 <sup>0</sup> 52	28 <sup>0</sup> 19	29 <sup>0</sup> 18	25 <sup>0</sup> 52	16 <sup>0</sup> 56	W 4
T 5	14 51 49	14 <sup>0</sup> 42'56	22 <sup>0</sup> 50	26 <sup>0</sup> 46	18 <sup>0</sup> 39	4 <sup>0</sup> 25	19 <sup>0</sup> 12	27 <sup>0</sup> 30	14 <sup>0</sup> 57	21 <sup>0</sup> 53	21 <sup>0</sup> 53	28 <sup>0</sup> 17	29 <sup>0</sup> 15	25 <sup>0</sup> 59	16 <sup>0</sup> 59	T 5
F 6	14 55 45	15 <sup>0</sup> 41'24	7 <sup>0</sup> 36	26 <sup>0</sup> 30	19 <sup>0</sup> 51	4 <sup>0</sup> 55	19 <sup>0</sup> 15	27 <sup>0</sup> 30	15 <sup>0</sup> 0	21 <sup>0</sup> 52	21 <sup>0</sup> 55	28 <sup>0</sup> 16	29 <sup>0</sup> 12	26 <sup>0</sup> 6	17 <sup>0</sup> 2	F 6
S 7	14 59 42	16 <sup>0</sup> 39'50	22 <sup>0</sup> 10	26 <sup>0</sup> 10	21 <sup>0</sup> 2	5 <sup>0</sup> 24	19 <sup>0</sup> 19	27 <sup>0</sup> R30	15 <sup>0</sup> 4	21 <sup>0</sup> 50	21 <sup>0</sup> 56	28 <sup>0</sup> D15	29 <sup>0</sup> 9	26 <sup>0</sup> 12	17 <sup>0</sup> 5	S 7
S 8	15 3 38	17 <sup>0</sup> 38'15	6 <sup>0</sup> 11	25 <sup>0</sup> 45	22 <sup>0</sup> 14	5 <sup>0</sup> 54	19 <sup>0</sup> 24	27 <sup>0</sup> 30	15 <sup>0</sup> 7	21 <sup>0</sup> 49	21 <sup>0</sup> 57	28 <sup>0</sup> 15	29 <sup>0</sup> 5	26 <sup>0</sup> 19	17 <sup>0</sup> 9	S 8
M 9	15 7 35	18 <sup>0</sup> 36'37	20 <sup>0</sup> 22	25 <sup>0</sup> 17	23 <sup>0</sup> 25	6 <sup>0</sup> 25	19 <sup>0</sup> 28	27 <sup>0</sup> 30	15 <sup>0</sup> 11	21 <sup>0</sup> 47	21 <sup>0</sup> 59	28 <sup>0</sup> 16	29 <sup>0</sup> 2	26 <sup>0</sup> 26	17 <sup>0</sup> 12	M 9
T 10	15 11 32	19 <sup>0</sup> 34'58	3 <sup>0</sup> 54	24 <sup>0</sup> 45	24 <sup>0</sup> 36	6 <sup>0</sup> 55	19 <sup>0</sup> 32	27 <sup>0</sup> 30	15 <sup>0</sup> 14	21 <sup>0</sup> 46	22 <sup>0</sup> 0	28 <sup>0</sup> 16	28 <sup>0</sup> 59	26 <sup>0</sup> 32	17 <sup>0</sup> 15	T 10
W 11	15 15 28	20 <sup>0</sup> 33'16	17 <sup>0</sup> 1	24 <sup>0</sup> 11	25 <sup>0</sup> 47	7 <sup>0</sup> 25	19 <sup>0</sup> 37	27 <sup>0</sup> 30	15 <sup>0</sup> 18	21 <sup>0</sup> 44	22 <sup>0</sup> 1	28 <sup>0</sup> 17	28 <sup>0</sup> 56	26 <sup>0</sup> 39	17 <sup>0</sup> 18	W 11
T 12	15 19 25	21 <sup>0</sup> 31'33	29 <sup>0</sup> 45	23 <sup>0</sup> 35	26 <sup>0</sup> 58	7 <sup>0</sup> 56	19 <sup>0</sup> 42	27 <sup>0</sup> 29	15 <sup>0</sup> 21	21 <sup>0</sup> 43	22 <sup>0</sup> 3	28 <sup>0</sup> 18	28 <sup>0</sup> 53	26 <sup>0</sup> 46	17 <sup>0</sup> 21	T 12
F 13	15 23 21	22 <sup>0</sup> 29'48	12 <sup>0</sup> 11	22 <sup>0</sup> 58	28 <sup>0</sup> 9	8 <sup>0</sup> 26	19 <sup>0</sup> 47	27 <sup>0</sup> 29	15 <sup>0</sup> 24	21 <sup>0</sup> 42	22 <sup>0</sup> 4	28 <sup>0</sup> 18	28 <sup>0</sup> 49	26 <sup>0</sup> 53	17 <sup>0</sup> 24	F 13
S 14	15 27 18	23 <sup>0</sup> 28'00	24 <sup>0</sup> 21	22 <sup>0</sup> 20	29 <sup>0</sup> 20	8 <sup>0</sup> 57	19 <sup>0</sup> 52	27 <sup>0</sup> 28	15 <sup>0</sup> 28	21 <sup>0</sup> 40	22 <sup>0</sup> 5	28 <sup>0</sup> R18	28 <sup>0</sup> 46	26 <sup>0</sup> 59	17 <sup>0</sup> 27	S 14
S 15	15 31 14	24 <sup>0</sup> 26'11	6 <sup>0</sup> 11	21 <sup>0</sup> 42	0 <sup>0</sup> 31	9 <sup>0</sup> 28	19 <sup>0</sup> 57	27 <sup>0</sup> 27	15 <sup>0</sup> 31	21 <sup>0</sup> 39	22 <sup>0</sup> 7	28 <sup>0</sup> 18	28 <sup>0</sup> 43	27 <sup>0</sup> 6	17 <sup>0</sup> 30	S 15
M 16	15 35 11	25 <sup>0</sup> 24'20	18 <sup>0</sup> 14	21 <sup>0</sup> 5	1 <sup>0</sup> 42	9 <sup>0</sup> 59	20 <sup>0</sup> 3	27 <sup>0</sup> 26	15 <sup>0</sup> 35	21 <sup>0</sup> 38	22 <sup>0</sup> 8	28 <sup>0</sup> 18	28 <sup>0</sup> 40	27 <sup>0</sup> 13	17 <sup>0</sup> 33	M 16
T 17	15 39 7	26 <sup>0</sup> 22'26	0 <sup>0</sup> 16	20 <sup>0</sup> 29	2 <sup>0</sup> 52	10 <sup>0</sup> 30	20 <sup>0</sup> 9	27 <sup>0</sup> 25	15 <sup>0</sup> 38	21 <sup>0</sup> 36	22 <sup>0</sup> 9	28 <sup>0</sup> 18	28 <sup>0</sup> 37	27 <sup>0</sup> 19	17 <sup>0</sup> 36	T 17
W 18	15 43 4	27 <sup>0</sup> 20'31	11 <sup>0</sup> 59	19 <sup>0</sup> 55	4 <sup>0</sup> 3	11 <sup>0</sup> 1	20 <sup>0</sup> 14	27 <sup>0</sup> 24	15 <sup>0</sup> 42	21 <sup>0</sup> 35	22 <sup>0</sup> 11	28 <sup>0</sup> 18	28 <sup>0</sup> 34	27 <sup>0</sup> 26	17 <sup>0</sup> 39	W 18
T 19	15 47 1	28 <sup>0</sup> 18'34	23 <sup>0</sup> 59	19 <sup>0</sup> 23	5 <sup>0</sup> 13	11 <sup>0</sup> 32	20 <sup>0</sup> 20	27 <sup>0</sup> 23	15 <sup>0</sup> 45	21 <sup>0</sup> 34	22 <sup>0</sup> 12	28 <sup>0</sup> D18	28 <sup>0</sup> 30	27 <sup>0</sup> 33	17 <sup>0</sup> 42	T 19
F 20	15 50 57	29 <sup>0</sup> 16'36	6 <sup>0</sup> 11	18 <sup>0</sup> 55	6 <sup>0</sup> 24	12 <sup>0</sup> 4	20 <sup>0</sup> 26	27 <sup>0</sup> 22	15 <sup>0</sup> 48	21 <sup>0</sup> 33	22 <sup>0</sup> 14	28 <sup>0</sup> 18	28 <sup>0</sup> 27	27 <sup>0</sup> 40	17 <sup>0</sup> 45	F 20
S 21	15 54 54	0 <sup>0</sup> 11'43	18 <sup>0</sup> 27	18 <sup>0</sup> 30	7 <sup>0</sup> 34	12 <sup>0</sup> 35	20 <sup>0</sup> 32	27 <sup>0</sup> 21	15 <sup>0</sup> 52	21 <sup>0</sup> 31	22 <sup>0</sup> 15	28 <sup>0</sup> 18	28 <sup>0</sup> 24	27 <sup>0</sup> 46	17 <sup>0</sup> 48	S 21
S 22	15 58 50	1 <sup>0</sup> 12'34	0 <sup>0</sup> 15	18 <sup>0</sup> 9	8 <sup>0</sup> 44	13 <sup>0</sup> 7	20 <sup>0</sup> 39	27 <sup>0</sup> 19	15 <sup>0</sup> 55	21 <sup>0</sup> 30	22 <sup>0</sup> 16	28 <sup>0</sup> R18	28 <sup>0</sup> 21	27 <sup>0</sup> 53	17 <sup>0</sup> 50	S 22
M 23	16 2 47	2 <sup>0</sup> 10'30	13 <sup>0</sup> 45	17 <sup>0</sup> 51	9 <sup>0</sup> 54	13 <sup>0</sup> 39	20 <sup>0</sup> 45	27 <sup>0</sup> 18	15 <sup>0</sup> 58	21 <sup>0</sup> 29	22 <sup>0</sup> 18	28 <sup>0</sup> 18	28 <sup>0</sup> 18	28 <sup>0</sup> 0	17 <sup>0</sup> 53	M 23
T 24	16 6 43	3 <sup>0</sup> 8'26	26 <sup>0</sup> 45	17 <sup>0</sup> 38	11 <sup>0</sup> 4	14 <sup>0</sup> 10	20 <sup>0</sup> 52	27 <sup>0</sup> 16	16 <sup>0</sup> 2	21 <sup>0</sup> 28	22 <sup>0</sup> 19	28 <sup>0</sup> 17	28 <sup>0</sup> 15	28 <sup>0</sup> 6	17 <sup>0</sup> 56	T 24
W 25	16 10 40	4 <sup>0</sup> 6'19	10 <sup>0</sup> 3	17 <sup>0</sup> 30	12 <sup>0</sup> 14	14 <sup>0</sup> 42	20 <sup>0</sup> 59	27 <sup>0</sup> 14	16 <sup>0</sup> 5	21 <sup>0</sup> 27	22 <sup>0</sup> 20	28 <sup>0</sup> 17	28 <sup>0</sup> 11	28 <sup>0</sup> 13	17 <sup>0</sup> 59	W 25
T 26	16 14 36	5 <sup>0</sup> 4'12	23 <sup>0</sup> 27	17 <sup>0</sup> D26	13 <sup>0</sup> 24	15 <sup>0</sup> 14	21 <sup>0</sup> 6	27 <sup>0</sup> 13	16 <sup>0</sup> 8	21 <sup>0</sup> 26	22 <sup>0</sup> 22	28 <sup>0</sup> 16	28 <sup>0</sup> 8	28 <sup>0</sup> 20	18 <sup>0</sup> 1	T 26
F 27	16 18 33	6 <sup>0</sup> 2'03	7 <sup>0</sup> 1	17 <sup>0</sup> 26	14 <sup>0</sup> 33	15 <sup>0</sup> 46	21 <sup>0</sup> 13	27 <sup>0</sup> 11	16 <sup>0</sup> 12	21 <sup>0</sup> 25	22 <sup>0</sup> 23	28 <sup>0</sup> 15	28 <sup>0</sup> 5	28 <sup>0</sup> 26	18 <sup>0</sup> 4	F 27
S 28	16 22 30	6 <sup>0</sup> 59'53	21 <sup>0</sup> 1	17 <sup>0</sup> 31	15 <sup>0</sup> 43	16 <sup>0</sup> 19	21 <sup>0</sup> 20	27 <sup>0</sup> 9	16 <sup>0</sup> 15	21 <sup>0</sup> 24	22 <sup>0</sup> 24	28 <sup>0</sup> 14	28 <sup>0</sup> 2	28 <sup>0</sup> 33	18 <sup>0</sup> 7	S 28
S 29	16 26 26	7 <sup>0</sup> 57'42	5 <sup>0</sup> 1	17 <sup>0</sup> 41	16 <sup>0</sup> 52	16 <sup>0</sup> 51	21 <sup>0</sup> 27	27 <sup>0</sup> 7	16 <sup>0</sup> 18	21 <sup>0</sup> 23	22 <sup>0</sup> 26	28 <sup>0</sup> D14	27 <sup>0</sup> 59	28 <sup>0</sup> 40	18 <sup>0</sup> 9	S 29
M 30	16 30 23	8 <sup>0</sup> 55'30	19 <sup>0</sup> 16	17 <sup>0</sup> 55	18 <sup>0</sup> 1	17 <sup>0</sup> 23	21 <sup>0</sup> 35	27 <sup>0</sup> 4	16 <sup>0</sup> 21	21 <sup>0</sup> 22	22 <sup>0</sup> 27	28 <sup>0</sup> 14	27 <sup>0</sup> 55	28 <sup>0</sup> 47	18 <sup>0</sup> 12	M 30
T 31	16 34 19	9 <sup>0</sup> 11'53	3 <sup>0</sup> Y35	18 <sup>0</sup> 14	19 <sup>0</sup> 51	17 <sup>0</sup> 56	21 <sup>0</sup> 42	27 <sup>0</sup> 3	16 <sup>0</sup> 25	21 <sup>0</sup> 21	22 <sup>0</sup> 28	28 <sup>0</sup> 15	27 <sup>0</sup> 52	28 <sup>0</sup> 53	18 <sup>0</sup> Y14	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	15n 1	8s25	5n15	22n 5	2n46	23n37	1n14	21n30	2n 0	15n57	0n54	20s17	0n19	15n49	0s24	7s 4
M 2	15 19	3 29	5 11	22 1	2 40	23 48	1 17	21 22	1 59	15 56	0 54	20 17	0 19	15 50	0 24	7 3
T 3	15 37	1n43	4 47	21 55	2 33	23 58	1 20	21 14	1 58	15 55	0 54	20 17	0 19	15 51	0 24	7 2
W 4	15 55	6 54	4 3	21 46	2 25	24 8	1 22	21 7	1 57	15 54	0 54	20 17	0 19	15 52	0 24	7 2
T 5	16 12	11 42	3 4	21 34	2 16	24 17	1 25	20 59	1 56	15 52	0 54	20 17	0 19	15 53	0 24	7 1
F 6	16 29	15 46	1 52	21 20	2 5	24 26	1 27	20 50	1 55	15 51	0 54	20 17	0 19	15 54	0 24	7 1
S 7	16 46	18 48	0 34	21 4	1 53	24 33	1 30	20 42	1 54	15 50	0 54	20 17	0 19	15 55	0 24	7 0
S 8	17 2	20 34	0s45	20 45	1 40	24 40	1 32	20 34	1 53	15 48	0 54	20 17	0 19	15 56	0 24	7 0
M 9	17 18	21 1	2 0	20 25	1 26	24 46	1 35	20 25	1 53	15 47	0 54	20 17	0 19	15 57	0 24	6 59
T 10	17 34	20 13	3 5	20 2	1 11	24 52	1 37	20 17	1 52	15 45	0 54	20 17	0 19	15 58	0 24	6 59
W 11	17 50	18 20	3 59	19 39	0 55	24 57	1 40	20 8	1 51	15 44	0 54	20 17	0 18	15 59	0 24	6 58
T 12	18 5	15 35	4 39	19 14	0 38	25 1	1 42	19 59	1 50	15 42	0 53	20 18	0 18	16 0	0 24	6 58
F 13	18 20	12 12	5 5	18 48	0 21	25 5	1 44	19 51	1 49	15 41	0 53	20 18	0 18	16 1	0 24	6 57
S 14	18 35	8 23	5 16	18 21	0 4	25 8	1 46	19 42	1 48	15 39	0 53	20 18	0 18	16 2	0 24	6 57
S 15	18 49	4 17	5 14	17 55	0s14	25 10	1 48	19 32	1 47	15 37	0 53	20 18	0 18	16 3	0 24	6 56
M 16	19 3	0 3	4 58	17 28	0 31	25 11	1 50	19 23	1 46	15 35	0 53	20 18	0 18	16 4	0 24	6 56
T 17	19 17	4s10	4 30	17 2	0 48	25 12	1 52	19 14	1 45	15 34	0 53	20 19	0 18	16 5	0 24	6 55
W 18	19 30	8 15	3 50	16 36	1 5	25 12	1 54	19 5	1 44	15 32	0 53	20 19	0 18	16 6	0 24	6 55
T 19	19 43	12 3	2 59	16 12	1 22	25 11	1 56	18 55	1 43	15 30	0 53	20 19	0 18	16 7	0 24	6 54
F 20	19 56	15 24	2 0	15 49	1 38	25 10	1 58	18 45	1 42	15 28	0 53	20 19	0 18	16 8	0 24	6 54
S 21	20 8	18 8	0 54	15 28	1 53	25 8	2 0	18 36	1 42	15 26	0 53	20 20	0 18	16 9	0 24	6 54
S 22	20 20	20 3	0n15	15 8	2 7	25 5	2 1	18 26	1 41	15 24	0 53	20 20	0 18	16 10	0 24	6 53
M 23	20 32	20 58	1 25	14 51	2 21	25 2	2 3	18 16	1 40	15 22	0 53	20 20	0 18	16 11	0 24	6 53
T 24	20 43	20 48	2 31	14 35	2 33	24 58	2 4	18 6	1 39	15 19	0 53	20 21	0 18	16 12	0 24	6 52</

# ASTRODIENST EPHEMERIS for the year 2608

JUNE 2608

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	16 38 16	10 <sup>II</sup> 51'03	17 <sup>VI</sup> 57	18 <sup>III</sup> 37	20 <sup>III</sup> 20	18 <sup>II</sup> 28	21 <sup>II</sup> 50	27°R 0	16 <sup>II</sup> 28	21°R20	22 <sup>II</sup> 30	28 <sup>III</sup> 16	27 <sup>III</sup> 49	29 <sup>III</sup> 0	18 <sup>VI</sup> 17	W 1
T 2	16 42 12	11°48'47	2 <sup>II</sup> 19	19° 4	21°29	19° 1	21°58	26 <sup>II</sup> 58	16°31	21 <sup>II</sup> 19	22°31	28°17	27°46	29° 7	18°19	T 2
F 3	16 46 9	12°46'31	16°38	19°36	22°38	19°34	22° 5	26°55	16°34	21°18	22°32	28°18	27°43	29°13	18°22	F 3
S 4	16 50 5	13°44'14	0 <sup>II</sup> 49	20°11	23°46	20° 7	22°14	26°53	16°37	21°17	22°33	28°R18	27°40	29°20	18°24	S 4
S 5	16 54 2	14°41'55	14°47	20°51	24°55	20°39	22°22	26°50	16°41	21°16	22°35	28°17	27°36	29°27	18°26	S 5
M 6	16 57 59	15°39'35	28°29	21°34	26° 4	21°12	22°30	26°47	16°44	21°15	22°36	28°16	27°33	29°34	18°28	M 6
T 7	17 1 55	16°37'14	11 <sup>III</sup> 53	22°21	27°12	21°46	22°38	26°44	16°47	21°14	22°37	28°14	27°30	29°40	18°31	T 7
W 8	17 5 52	17°34'52	24°57	23°12	28°20	22°19	22°47	26°42	16°50	21°14	22°38	28°11	27°27	29°47	18°33	W 8
T 9	17 9 48	18°32'29	7 <sup>II</sup> 41	24° 6	29°28	22°52	22°56	26°39	16°53	21°13	22°40	28° 8	27°24	29°54	18°35	T 9
F 10	17 13 45	19°30'04	20° 8	25° 3	0 <sup>II</sup> 37	23°25	23° 4	26°36	16°56	21°12	22°41	28° 5	27°21	0 <sup>II</sup> 0	18°37	F 10
S 11	17 17 41	20°27'37	2 <sup>III</sup> 20	26° 4	1°44	23°59	23°13	26°33	16°59	21°12	22°42	28° 3	27°17	0° 7	18°39	S 11
S 12	17 21 38	21°25'10	14°20	27° 8	2°52	24°32	23°22	26°29	17° 2	21°11	22°43	28° 2	27°14	0°14	18°41	S 12
M13	17 25 34	22°22'41	26°14	28°15	4° 0	25° 6	23°31	26°26	17° 5	21°10	22°45	28°D 2	27°11	0°20	18°43	M13
T 14	17 29 31	23°20'11	8 <sup>II</sup> 6	29°25	5° 7	25°39	23°40	26°23	17° 8	21°10	22°46	28° 3	27° 8	0°27	18°45	T 14
W15	17 33 28	24°17'39	20° 1	0 <sup>II</sup> 39	6°14	26°13	23°50	26°20	17°11	21° 9	22°47	28° 4	27° 5	0°34	18°47	W15
T 16	17 37 24	25°15'07	2 <sup>III</sup> 3	1°55	7°21	26°47	23°59	26°16	17°14	21° 9	22°48	28° 6	27° 1	0°41	18°49	T 16
F 17	17 41 21	26°12'33	14°16	3°14	8°28	27°21	24° 9	26°13	17°17	21° 8	22°49	28° 7	26°58	0°47	18°51	F 17
S 18	17 45 17	27° 9'58	26°45	4°37	9°35	27°55	24°18	26° 9	17°19	21° 8	22°51	28°R 8	26°55	0°54	18°52	S 18
S 19	17 49 14	28° 7'23	9 <sup>II</sup> 31	6° 2	10°42	28°28	24°28	26° 6	17°22	21° 7	22°52	28° 8	26°52	1° 1	18°54	S 19
M20	17 53 10	29° 4'46	22°35	7°30	11°48	29° 3	24°38	26° 2	17°25	21° 7	22°53	28° 6	26°49	1° 7	18°56	M20
T 21	17 57 7	0 <sup>III</sup> 2'09	5 <sup>III</sup> 59	9° 1	12°54	29°37	24°48	25°58	17°28	21° 7	22°54	28° 2	26°46	1°14	18°57	T 21
W22	18 1 3	0°59'31	19°39	10°34	14° 0	0 <sup>III</sup> 11	24°57	25°54	17°31	21° 6	22°55	27°58	26°42	1°21	18°59	W22
T 23	18 5 0	1°56'52	3 <sup>III</sup> 33	12°11	15° 6	0°45	25° 8	25°51	17°33	21° 6	22°56	27°53	26°39	1°27	19° 0	T 23
F 24	18 8 57	2°54'13	17°38	13°50	16°12	1°19	25°18	25°47	17°36	21° 6	22°57	27°48	26°36	1°34	19° 2	F 24
S 25	18 12 53	3°51'33	1 <sup>III</sup> 50	15°32	17°17	1°54	25°28	25°43	17°39	21° 5	22°58	27°43	26°33	1°41	19° 3	S 25
S 26	18 16 50	4°48'53	16° 5	17°17	18°23	2°28	25°38	25°39	17°41	21° 5	22°59	27°41	26°30	1°48	19° 5	S 26
M27	18 20 46	5°46'13	0 <sup>III</sup> 19	19° 5	19°28	3° 3	25°49	25°35	17°44	21° 5	23° 0	27°D39	26°27	1°54	19° 6	M27
T 28	18 24 43	6°43'32	14°30	20°55	20°33	3°37	25°59	25°31	17°46	21° 5	23° 2	27°39	26°23	2° 1	19° 7	T 28
W29	18 28 39	7°40'51	28°37	22°48	21°37	4°12	26°10	25°27	17°49	21° 5	23° 3	27°40	26°20	2° 8	19° 9	W29
T 30	18 32 36	8°38'10	12 <sup>III</sup> 37	24 <sup>III</sup> 43	22 <sup>II</sup> 42	4 <sup>III</sup> 47	26°II20	25°II23	17°II51	21°II 5	23°II 4	27°II42	26°II17	2°II14	19°II10	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	22n 0	10n11	3n25	13n51	3s36	24n 1	2n13	16n42	1n32	15n 0	0n52	20s24	0n17	16n20	0s24	6s50
T 2	22 8	14 25	2 19	13 55	3 39	23 51	2 14	16 31	1 31	14 58	0 52	20 25	0 17	16 21	0 24	6 49
F 3	22 15	17 47	1 4	14 1	3 41	23 41	2 15	16 20	1 30	14 55	0 52	20 25	0 17	16 21	0 24	6 49
S 4	22 22	20 1	0s14	14 9	3 43	23 30	2 15	16 9	1 30	14 52	0 52	20 26	0 17	16 22	0 24	6 49
S 5	22 29	21 0	1 30	14 19	3 43	23 18	2 16	15 58	1 29	14 50	0 52	20 26	0 17	16 23	0 24	6 48
M 6	22 35	20 42	2 39	14 30	3 43	23 5	2 16	15 46	1 28	14 47	0 52	20 27	0 17	16 24	0 24	6 48
T 7	22 41	19 13	3 38	14 43	3 42	22 52	2 16	15 35	1 27	14 44	0 52	20 28	0 17	16 25	0 24	6 48
W 8	22 47	16 45	4 24	14 57	3 40	22 39	2 16	15 23	1 26	14 41	0 52	20 28	0 17	16 26	0 24	6 48
T 9	22 52	13 32	4 55	15 13	3 37	22 25	2 16	15 12	1 26	14 38	0 51	20 29	0 17	16 27	0 24	6 47
F 10	22 57	9 47	5 12	15 30	3 34	22 10	2 16	15 0	1 25	14 35	0 51	20 30	0 17	16 28	0 24	6 47
S 11	23 1	5 43	5 14	15 48	3 30	21 55	2 16	14 48	1 24	14 32	0 51	20 30	0 17	16 28	0 24	6 47
S 12	23 5	1 29	5 2	16 7	3 25	21 39	2 16	14 36	1 23	14 29	0 51	20 31	0 17	16 29	0 24	6 47
M13	23 8	2s45	4 38	16 28	3 20	21 23	2 15	14 24	1 22	14 26	0 51	20 31	0 17	16 30	0 24	6 47
T 14	23 11	6 54	4 1	16 48	3 13	21 6	2 15	14 12	1 22	14 23	0 51	20 32	0 16	16 31	0 24	6 46
W15	23 14	10 48	3 14	17 10	3 7	20 49	2 14	14 0	1 21	14 20	0 51	20 33	0 16	16 32	0 24	6 46
T 16	23 16	14 19	2 18	17 32	3 0	20 31	2 14	13 48	1 20	14 17	0 51	20 34	0 16	16 33	0 24	6 46
F 17	23 18	17 16	1 15	17 55	2 52	20 13	2 13	13 36	1 19	14 14	0 51	20 34	0 16	16 33	0 24	6 46
S 18	23 20	19 29	0 8	18 18	2 44	19 55	2 12	13 23	1 18	14 11	0 51	20 35	0 16	16 34	0 24	6 46
S 19	23 21	20 47	1n 2	18 42	2 35	19 35	2 11	13 11	1 18	14 7	0 51	20 36	0 16	16 35	0 24	6 46
M20	23 21	20 59	2 10	19 5	2 26	19 16	2 10	12 58	1 17	14 4	0 51	20 37	0 16	16 36	0 24	6 46
T 21	23 22	20 2	3 12	19 29	2 16	18 56	2 8	12 46	1 16	14 1	0 51	20 37	0 16	16 36	0 24	6 45
W22	23 21	17 53	4 5	19 52	2 6	18 36	2 7	12 33	1 15	13 57	0 51	20 38	0 16	16 37	0 24	6 45
T 23	23 21	14 41	4 44	20 16	1 56	18 15	2 5	12 20	1 15	13 54	0 51	20 39	0 16	16 38	0 24	6 45
F 24	23 20	10 38	5 6	20 38	1 45	17 54	2 4	12 7	1 14	13 51	0 51	20 40	0 16	16 39	0 24	6 45
S 25	23 18	5 57	5 10	21 1	1 35	17 32	2 2	11 54	1 13	13 47	0 51	20 40	0 16	16 39	0 24	6 45
S 26	23 16	0 56	4 55	21 22	1 23	17 10	2 0	11 41	1 12	13 44	0 51	20 41	0 16	16 40	0 24	6 45
M27	23 14	4n 8	4 22	21 43	1 12	16 48	1 58	11 28	1 12	13 40	0 51	20 42	0 16	16 41	0 24	6 45
T 28	23 11	8 58	3 33	22 2	1 1	16 25	1 56	11 15	1 11	13 36	0 51	20 43	0 15	16 42	0 24	6 45
W29	23 8	13 18	2 31	22 21	0 49	16 2	1 53	11 2	1 10	13 33	0 51	20 44	0 15	16 42	0 24	6 45
T 30	23n 5	16n52	1n21	22n38	0s38	15n39	1n51	10n48	1n 9	13n29	0n50	20s44	0n15	16n43	0s24	6s45

Julian Day Number = 2673763.5, Delta T = 20m45s  
 Ecliptic obliquity = 23°21'32, Nutation = 0°00'14  
 Ayanamsha: Fagan/Bradley = 33°15'01, Lahiri = 32°22'01

## ASTRODIENST EPHEMERIS for the year 2608

JULY 2608

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18 36 32	9 <sup>53</sup> 35'28	26 <sup>8</sup> 30	26 <sup>II</sup> 41	23 <sup>Q</sup> 46	5 <sup>mp</sup> 21	26 <sup>Q</sup> 31	25 <sup>R</sup> 19	17 <sup>Q</sup> 54	21 <sup>R</sup> 5	23 <sup>Q</sup> 5	27 <sup>R</sup> 42	26 <sup>II</sup> 14	2 <sup>Q</sup> 21	19 <sup>Y</sup> 11	F 1
S 2	18 40 29	10 <sup>5</sup> 32'47	10 <sup>II</sup> 14	28 <sup>Q</sup> 41	24 <sup>Q</sup> 50	5 <sup>Q</sup> 56	26 <sup>Q</sup> 42	25 <sup>Q</sup> 14	17 <sup>Q</sup> 56	21 <sup>D</sup> 5	23 <sup>Q</sup> 6	27 <sup>II</sup> 42	26 <sup>Q</sup> 11	2 <sup>Q</sup> 28	19 <sup>Q</sup> 12	S 2
S 3	18 44 26	11 <sup>5</sup> 30'05	23 <sup>Q</sup> 47	0 <sup>Q</sup> 43	25 <sup>Q</sup> 54	6 <sup>Q</sup> 31	26 <sup>Q</sup> 53	25 <sup>Q</sup> 10	17 <sup>Q</sup> 58	21 <sup>Q</sup> 5	23 <sup>Q</sup> 7	27 <sup>Q</sup> 39	26 <sup>Q</sup> 7	2 <sup>Q</sup> 34	19 <sup>Q</sup> 13	S 3
M 4	18 48 22	12 <sup>5</sup> 27'23	7 <sup>Q</sup> 9	2 <sup>Q</sup> 47	26 <sup>Q</sup> 57	7 <sup>Q</sup> 6	27 <sup>Q</sup> 4	25 <sup>Q</sup> 6	18 <sup>Q</sup> 1	21 <sup>Q</sup> 5	23 <sup>Q</sup> 7	27 <sup>Q</sup> 34	26 <sup>Q</sup> 4	2 <sup>Q</sup> 41	19 <sup>Q</sup> 14	M 4
T 5	18 52 19	13 <sup>5</sup> 24'40	20 <sup>Q</sup> 16	4 <sup>Q</sup> 53	28 <sup>Q</sup> 1	7 <sup>Q</sup> 41	27 <sup>Q</sup> 15	25 <sup>Q</sup> 2	18 <sup>Q</sup> 3	21 <sup>Q</sup> 5	23 <sup>Q</sup> 8	27 <sup>Q</sup> 28	26 <sup>Q</sup> 1	2 <sup>Q</sup> 48	19 <sup>Q</sup> 15	T 5
W 6	18 56 15	14 <sup>5</sup> 21'57	3 <sup>Q</sup> 9	7 <sup>Q</sup> 1	29 <sup>Q</sup> 4	8 <sup>Q</sup> 16	27 <sup>Q</sup> 26	24 <sup>Q</sup> 57	18 <sup>Q</sup> 5	21 <sup>Q</sup> 5	23 <sup>Q</sup> 9	27 <sup>Q</sup> 20	25 <sup>Q</sup> 58	2 <sup>Q</sup> 54	19 <sup>Q</sup> 16	W 6
T 7	19 0 12	15 <sup>5</sup> 19'14	15 <sup>Q</sup> 46	9 <sup>Q</sup> 9	0 <sup>mp</sup> 7	8 <sup>Q</sup> 51	27 <sup>Q</sup> 37	24 <sup>Q</sup> 53	18 <sup>Q</sup> 8	21 <sup>Q</sup> 5	23 <sup>Q</sup> 10	27 <sup>Q</sup> 12	25 <sup>Q</sup> 55	3 <sup>Q</sup> 1	19 <sup>Q</sup> 17	T 7
F 8	19 4 8	16 <sup>5</sup> 16'30	28 <sup>Q</sup> 8	11 <sup>Q</sup> 19	1 <sup>Q</sup> 9	9 <sup>Q</sup> 26	27 <sup>Q</sup> 48	24 <sup>Q</sup> 49	18 <sup>Q</sup> 10	21 <sup>Q</sup> 5	23 <sup>Q</sup> 11	27 <sup>Q</sup> 3	25 <sup>Q</sup> 52	3 <sup>Q</sup> 8	19 <sup>Q</sup> 17	F 8
S 9	19 8 5	17 <sup>5</sup> 13'46	10 <sup>mp</sup> 18	13 <sup>Q</sup> 29	2 <sup>Q</sup> 11	10 <sup>Q</sup> 2	27 <sup>Q</sup> 59	24 <sup>Q</sup> 44	18 <sup>Q</sup> 12	21 <sup>Q</sup> 5	23 <sup>Q</sup> 12	26 <sup>Q</sup> 56	25 <sup>Q</sup> 48	3 <sup>Q</sup> 15	19 <sup>Q</sup> 18	S 9
S 10	19 12 2	18 <sup>5</sup> 11'02	22 <sup>Q</sup> 17	15 <sup>Q</sup> 40	3 <sup>Q</sup> 13	10 <sup>Q</sup> 37	28 <sup>Q</sup> 11	24 <sup>Q</sup> 40	18 <sup>Q</sup> 14	21 <sup>Q</sup> 5	23 <sup>Q</sup> 13	26 <sup>Q</sup> 51	25 <sup>Q</sup> 45	3 <sup>Q</sup> 21	19 <sup>Q</sup> 19	S 10
M 11	19 15 58	19 <sup>5</sup> 8'16	4 <sup>Q</sup> 10	17 <sup>Q</sup> 51	4 <sup>Q</sup> 15	11 <sup>Q</sup> 12	28 <sup>Q</sup> 22	24 <sup>Q</sup> 36	18 <sup>Q</sup> 16	21 <sup>Q</sup> 6	23 <sup>Q</sup> 14	26 <sup>Q</sup> 48	25 <sup>Q</sup> 42	3 <sup>Q</sup> 28	19 <sup>Q</sup> 19	M 11
T 12	19 19 55	20 <sup>5</sup> 5'31	16 <sup>Q</sup> 1	20 <sup>Q</sup> 2	5 <sup>Q</sup> 16	11 <sup>Q</sup> 48	28 <sup>Q</sup> 34	24 <sup>Q</sup> 31	18 <sup>Q</sup> 18	21 <sup>Q</sup> 6	23 <sup>Q</sup> 15	26 <sup>Q</sup> D47	25 <sup>Q</sup> 39	3 <sup>Q</sup> 35	19 <sup>Q</sup> 20	T 12
W 13	19 23 51	21 <sup>5</sup> 2'45	27 <sup>Q</sup> 54	22 <sup>Q</sup> 12	6 <sup>Q</sup> 17	12 <sup>Q</sup> 23	28 <sup>Q</sup> 45	24 <sup>Q</sup> 27	18 <sup>Q</sup> 20	21 <sup>Q</sup> 6	23 <sup>Q</sup> 15	26 <sup>Q</sup> 47	25 <sup>Q</sup> 36	3 <sup>Q</sup> 41	19 <sup>Q</sup> 21	W 13
T 14	19 27 48	21 <sup>5</sup> 59'59	9 <sup>mp</sup> 56	24 <sup>Q</sup> 22	7 <sup>Q</sup> 18	12 <sup>Q</sup> 59	28 <sup>Q</sup> 57	24 <sup>Q</sup> 22	18 <sup>Q</sup> 22	21 <sup>Q</sup> 7	23 <sup>Q</sup> 16	26 <sup>Q</sup> 48	25 <sup>Q</sup> 32	3 <sup>Q</sup> 48	19 <sup>Q</sup> 21	T 14
F 15	19 31 44	22 <sup>5</sup> 57'13	22 <sup>Q</sup> 11	26 <sup>Q</sup> 31	8 <sup>Q</sup> 18	13 <sup>Q</sup> 35	29 <sup>Q</sup> 9	24 <sup>Q</sup> 18	18 <sup>Q</sup> 24	21 <sup>Q</sup> 7	23 <sup>Q</sup> 17	26 <sup>Q</sup> R48	25 <sup>Q</sup> 29	3 <sup>Q</sup> 55	19 <sup>Q</sup> 21	F 15
S 16	19 35 41	23 <sup>5</sup> 54'26	4 <sup>Q</sup> 44	28 <sup>Q</sup> 39	9 <sup>Q</sup> 18	14 <sup>Q</sup> 10	29 <sup>Q</sup> 20	24 <sup>Q</sup> 13	18 <sup>Q</sup> 26	21 <sup>Q</sup> 8	23 <sup>Q</sup> 18	26 <sup>Q</sup> 48	25 <sup>Q</sup> 26	4 <sup>Q</sup> 1	19 <sup>Q</sup> 22	S 16
S 17	19 39 37	24 <sup>5</sup> 51'39	17 <sup>Q</sup> 38	0 <sup>Q</sup> 46	10 <sup>Q</sup> 18	14 <sup>Q</sup> 46	29 <sup>Q</sup> 32	24 <sup>Q</sup> 9	18 <sup>Q</sup> 28	21 <sup>Q</sup> 8	23 <sup>Q</sup> 18	26 <sup>Q</sup> 46	25 <sup>Q</sup> 23	4 <sup>Q</sup> 8	19 <sup>Q</sup> 22	S 17
M 18	19 43 34	25 <sup>5</sup> 48'53	0 <sup>Q</sup> 56	2 <sup>Q</sup> 51	11 <sup>Q</sup> 17	15 <sup>Q</sup> 22	29 <sup>Q</sup> 44	24 <sup>Q</sup> 5	18 <sup>Q</sup> 29	21 <sup>Q</sup> 9	23 <sup>Q</sup> 19	26 <sup>Q</sup> 42	25 <sup>Q</sup> 20	4 <sup>Q</sup> 15	19 <sup>Q</sup> 22	M 18
T 19	19 47 31	26 <sup>5</sup> 46'06	14 <sup>Q</sup> 38	4 <sup>Q</sup> 55	12 <sup>Q</sup> 16	15 <sup>Q</sup> 58	29 <sup>Q</sup> 56	24 <sup>Q</sup> 0	18 <sup>Q</sup> 31	21 <sup>Q</sup> 9	23 <sup>Q</sup> 20	26 <sup>Q</sup> 36	25 <sup>Q</sup> 17	4 <sup>Q</sup> 22	19 <sup>Q</sup> 23	T 19
W 20	19 51 27	27 <sup>5</sup> 43'19	28 <sup>Q</sup> 41	6 <sup>Q</sup> 57	13 <sup>Q</sup> 14	16 <sup>Q</sup> 33	0 <sup>mp</sup> 8	23 <sup>Q</sup> 56	18 <sup>Q</sup> 33	21 <sup>Q</sup> 10	23 <sup>Q</sup> 21	26 <sup>Q</sup> 27	25 <sup>Q</sup> 13	4 <sup>Q</sup> 28	19 <sup>Q</sup> 23	W 20
T 21	19 55 24	28 <sup>5</sup> 40'32	13 <sup>Q</sup> 2	8 <sup>Q</sup> 57	14 <sup>Q</sup> 12	17 <sup>Q</sup> 9	0 <sup>Q</sup> 20	23 <sup>Q</sup> 51	18 <sup>Q</sup> 34	21 <sup>Q</sup> 10	23 <sup>Q</sup> 21	26 <sup>Q</sup> 18	25 <sup>Q</sup> 10	4 <sup>Q</sup> 35	19 <sup>Q</sup> 23	T 21
F 22	19 59 20	29 <sup>5</sup> 37'45	27 <sup>Q</sup> 35	10 <sup>Q</sup> 56	15 <sup>Q</sup> 10	17 <sup>Q</sup> 45	0 <sup>Q</sup> 32	23 <sup>Q</sup> 47	18 <sup>Q</sup> 36	21 <sup>Q</sup> 11	23 <sup>Q</sup> 22	26 <sup>Q</sup> 8	25 <sup>Q</sup> 7	4 <sup>Q</sup> 42	19 <sup>Q</sup> R23	F 22
S 23	20 3 17	0 <sup>Q</sup> 34'59	12 <sup>Q</sup> 11	12 <sup>Q</sup> 53	16 <sup>Q</sup> 7	18 <sup>Q</sup> 21	0 <sup>Q</sup> 44	23 <sup>Q</sup> 43	18 <sup>Q</sup> 38	21 <sup>Q</sup> 11	23 <sup>Q</sup> 23	26 <sup>Q</sup> 0	25 <sup>Q</sup> 4	4 <sup>Q</sup> 48	19 <sup>Q</sup> 23	S 23
S 24	20 7 13	1 <sup>5</sup> 32'13	26 <sup>Q</sup> 46	14 <sup>Q</sup> 48	17 <sup>Q</sup> 4	18 <sup>Q</sup> 57	0 <sup>Q</sup> 56	23 <sup>Q</sup> 38	18 <sup>Q</sup> 39	21 <sup>Q</sup> 12	23 <sup>Q</sup> 23	25 <sup>Q</sup> 54	25 <sup>Q</sup> 1	4 <sup>Q</sup> 55	19 <sup>Q</sup> 23	S 24
M 25	20 11 10	2 <sup>5</sup> 29'28	11 <sup>Q</sup> Y12	16 <sup>Q</sup> 41	18 <sup>Q</sup> 0	19 <sup>Q</sup> 34	1 <sup>Q</sup> 8	23 <sup>Q</sup> 34	18 <sup>Q</sup> 41	21 <sup>Q</sup> 13	23 <sup>Q</sup> 24	25 <sup>Q</sup> 50	24 <sup>Q</sup> 58	5 <sup>Q</sup> 2	19 <sup>Q</sup> 23	M 25
T 26	20 15 6	3 <sup>5</sup> 26'43	25 <sup>Q</sup> 27	18 <sup>Q</sup> 33	18 <sup>Q</sup> 56	20 <sup>Q</sup> 10	1 <sup>Q</sup> 21	23 <sup>Q</sup> 29	18 <sup>Q</sup> 42	21 <sup>Q</sup> 14	23 <sup>Q</sup> 24	25 <sup>Q</sup> 48	24 <sup>Q</sup> 54	5 <sup>Q</sup> 8	19 <sup>Q</sup> 23	T 26
W 27	20 19 3	4 <sup>5</sup> 23'59	9 <sup>Q</sup> 29	20 <sup>Q</sup> 22	19 <sup>Q</sup> 51	20 <sup>Q</sup> 46	1 <sup>Q</sup> 33	23 <sup>Q</sup> 25	18 <sup>Q</sup> 43	21 <sup>Q</sup> 14	23 <sup>Q</sup> 25	25 <sup>Q</sup> D48	24 <sup>Q</sup> 51	5 <sup>Q</sup> 15	19 <sup>Q</sup> 22	W 27
T 28	20 23 0	5 <sup>5</sup> 21'16	23 <sup>Q</sup> 17	22 <sup>Q</sup> 10	20 <sup>Q</sup> 46	21 <sup>Q</sup> 22	1 <sup>Q</sup> 45	23 <sup>Q</sup> 21	18 <sup>Q</sup> 45	21 <sup>Q</sup> 15	23 <sup>Q</sup> 25	25 <sup>Q</sup> R48	24 <sup>Q</sup> 48	5 <sup>Q</sup> 22	19 <sup>Q</sup> 22	T 28
F 29	20 26 56	6 <sup>5</sup> 18'33	6 <sup>mp</sup> 52	23 <sup>Q</sup> 56	21 <sup>Q</sup> 40	21 <sup>Q</sup> 59	1 <sup>Q</sup> 58	23 <sup>Q</sup> 17	18 <sup>Q</sup> 46	21 <sup>Q</sup> 16	23 <sup>Q</sup> 26	25 <sup>Q</sup> 48	24 <sup>Q</sup> 45	5 <sup>Q</sup> 28	19 <sup>Q</sup> 22	F 29
S 30	20 30 53	7 <sup>5</sup> 15'51	20 <sup>Q</sup> 14	25 <sup>Q</sup> 40	22 <sup>Q</sup> 34	22 <sup>Q</sup> 35	2 <sup>Q</sup> 10	23 <sup>Q</sup> 12	18 <sup>Q</sup> 47	21 <sup>Q</sup> 17	23 <sup>Q</sup> 26	25 <sup>Q</sup> 46	24 <sup>Q</sup> 42	5 <sup>Q</sup> 35	19 <sup>Q</sup> 21	S 30
S 31	20 34 49	8 <sup>Q</sup> 13'10	3 <sup>Q</sup> 25	27 <sup>Q</sup> 22	23 <sup>mp</sup> 27	23 <sup>mp</sup> 12	2 <sup>mp</sup> 22	23 <sup>Q</sup> 8	18 <sup>Q</sup> 49	21 <sup>Q</sup> 18	23 <sup>Q</sup> 27	25 <sup>Q</sup> 41	24 <sup>Q</sup> 38	5 <sup>Q</sup> 42	19 <sup>Q</sup> Y21	S 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23n 1	19n25	0n 7	22n53	0s26	15n15	1n48	10n35	1n 9	13n26	0n50	20s45	0n15	16n44	0s24	6s45	1n33	3n25	15s32	19s35	19s15	4s45	8n59	1n37	
S 2	22 56	20 48	1s 7	23 7	0 15	14 52	1 46	10 21	1 8	13 22	0 50	20 46	0 15	16 44	0 24	6 45	1 33	3 25	15 32	19 35	19 14	4 47	8 59	1 37	
S 3	22 52	20 57	2 16	23 18	0 3	14 27	1 43	10 8	1 7	13 18	0 50	20 47	0 15	16 45	0 24	6 45	1 33	3 25	15 32	19 34	19 13	4 49	9 0	1 37	
M 4	22 47	19 53	3 17	23 27	0n 8	14 3	1 40	9 54	1 7	13 14	0 50	20 48	0 15	16 46	0 24	6 45	1 33	3 25	15 32	19 33	19 12	4 52	9 0	1 37	
T 5	22 41	17 47	4 5	23 35	0 18	13 38	1 37	9 41	1 6	13 11	0 50	20 49	0 15	16 46	0 24	6 45	1 33	3 25	15 32	19 32	19 12	4 54	9 1	1 37	
W 6	22 35	14 50	4 41	23 39	0 29	13 13	1 34	9 27	1 5	13 7	0 50	20 50	0 15	16 47	0 24	6 45	1 33	3 25	15 33	19 30	19 11	4 56	9 1	1 37	
T 7	22 29	11 15	5 1	23 41	0 39	12 48	1 30	9 13	1 4	13 3	0 50	20 50	0 15	16 47	0 24	6 46	1 33	3 25	15 33	19 28	19 10	4 58	9 1	1 37	
F 8	22 22	7 16	5 7	23 41	0 48	12 23	1 27	8 59	1 4	12 59	0 50	20 51	0 15	16 48	0 24	6 46	1 33	3 25	15 33	19 26	19 9	5 0	9 2	1 37	
S 9	22 15	3 4	4 59	23 38	0 57	11 57	1 23	8 45	1 3	12 55	0 50	20 52	0 15	16 49	0 24	6 46	1 33	3 25	15 33	19 25	19 9	5 2	9 2	1 37	
S 10	22 8	1s12	4 38	23 32	1 6	11 31	1 19	8 31	1 2	12 51	0 50	20 53	0 14	16 49	0 24	6 46	1 33	3 25	15 34	19 23	19 8	5 5	9 2	1 37	
M11	22 0	5 24	4 5	23 23	1 13	11 5	1 15	8 17	1 1	12 47	0 50	20 54	0 14	16 50	0 24	6 46	1 33	3 25	15 34	19 23	19 7	5 7	9 2	1 37	
T 12	21 52	9 22	3 21	23 12	1 20	10 39	1 11	8 3	1 1	12 43	0 50	20 55	0 14	16 50	0 24	6 46	1 33	3 25	15 34	19 22	19 6	5 9	9 3	1 37	
W13	21 43	13 1	2 29	22 58	1 27	10 13	1 7	7 49	1 0	12 39	0 50	20 56	0 14	16 51	0 24	6 46	1 33	3 25	15 34	19 22	19 6	5 11	9 3	1 37	
T 14	21 34	16 10	1 29	22 41	1 32	9 46	1 3	7 35	0 59	12 35	0 50	20 56	0 14	16 51	0 24	6 47	1 33	3 25	15 35	19 22	19 5	5 13	9 3	1 37	
F 15	21 25	18 39	0 25	22 22	1 37	9 20	0 58	7 20	0 59	12 31	0 50	20 57	0 14	16 52	0 24	6 47	1 33	3 25	15 35	19 23	19 4	5 15	9 3	1 37	
S 16	21 15	20 19	0n42	22 0	1 41	8 53	0 54	7 6	0 58	12 27	0 50	20 58	0 14	16 52	0 24	6 47	1 33	3 25	15 35	19 23	19 3	5 17	9 3	1 37	
S 17	21 5	20 58	1 49	21 37	1 44	8 26	0 49	6 52	0 57	12 23	0 50	20 59	0 14	16 53	0 24	6 47	1 33	3 25	15 35	19 22	19 3	5 20	9 3	1 37	
M18	20 55	20 29	2 52	21 11	1 47	7 59	0 44	6 37	0 57	12 19	0 50	21 0	0 14	16 53	0 24	6 47	1 33	3 25	15 36	19 21	19 2	5 22	9 4	1 37	
T 19	20 44	18 48	3 47	20 44	1 48	7 32	0 39	6 23	0 56	12 14	0 50	21 1	0 14	16 54	0 24	6 48	1 33	3 25	15 36	19 20	19 1	5 24	9 4	1 37	
W20	20 33	15 58	4 29	20 14	1 49	7 5	0 34	6 8	0 55	12 10	0 50	21 1	0 14	16 54	0 24	6 48	1 33	3 24	15 36	19 18	19 0	5 26	9 4	1 37	
T 21	20 21	12 7	4 56	19 43	1 50	6 38	0 28	5 54	0 55	12 6	0 50	21 2	0 14	16 55	0 24	6 48	1 32	3 24	15 36	19 16	19 0	5 28	9 4	1 37	
F 22	20 10	7 31	5 3	19 11	1 49	6 11	0 23	5 39	0 54	12 2	0 50	21 3	0 13	16 55	0 24	6 48	1 32	3 24	15 37	19 13	18 59	5 30	9 4	1 37	
S 23	19 57	2 28	4 52	18 37	1 48	5 44	0 17	5 24	0 53	11 57	0 50	21 4	0 13	16 56	0 24	6 49	1 32	3 24	15 37	19 11	18 58	5 32	9 4	1 37	
S 24	19 45	2n43	4 21	18 2	1 46	5 16	0 12	5 10	0 52	11 53	0 50	21 5	0 13	16 56	0 24	6 49	1 32	3 24	15 37	19 10	18 57	5 35	9 4	1 37	
M25	19 32	7 42	3 34	17 26	1 44	5 49	0 6	4 55	0 52	11 49	0 50	21 6	0 13	16 56	0 24	6 49	1 32	3 24	15 37	19 9	18 57	5 37	9 4	1 37	
T 26	19 19	12 12	2 34	16 49	1 41	4 22	0s 0	4 40	0 51	11 44	0 50	21 6	0 13	16 57	0 24	6 50	1 32	3 24	15 38	19 9	18 56	5 39	9 4	1 38	
W27	19 6	15 57	1 26	16 12	1 38	3 54	0 7	4 25	0 50	11 40	0 50	21 7	0 13	16 57	0 24	6 50	1 32	3 24	15 38	19 9	18 55	5 41	9 4	1 38	
T 28	18 52	18 45	0 13	15 33	1 34	3 27	0 13	4 10	0 50	11 36	0 50	21 8	0 13	16 57	0 24	6 50	1 32	3 23	15 38	19 9	18 54	5 43	9 4	1 38	
F 29	18 38	20 25	0s58	14 54	1 29	3 0	0 20	3 55	0 49	11 31	0 50	21 9	0 13	16 58	0 24	6 51	1 32	3 23	15 39	19 9	18 53	5 45	9 4	1 38	
S 30	18 24	20 55	2 6	14 14	1 24	2 32	0 26	3 40	0 48	11 27	0 50	21 10	0 13	16 58	0 24	6 51	1 32	3 23	15 39	19 8	18 53	5 47	9 3	1 38	
S 31	18n 9	20n14	3s 5	13n34	1n18	2n 5	0s33	3n25	0n48	11n22	0n50	21s11	0n13	16n58	0s24	6s51	1n32	3n23	15s39	19s 7	18s52	5s49	9n 3	1n38	

# ASTRODIENST EPHEMERIS for the year 2608

AUGUST 2608

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	20 38 46	9♏10'30	16♌25	29♏ 2	24♎20	23♎48	2♎35	23°R 4	18♌50	21♏19	23♏27	25°R34	24♎35	5♏48	19°R20	M 1
T 2	20 42 42	10° 7'50	29°13	0♎41	25°12	24°25	2°47	23♏ 0	18°51	21°20	23°28	25♎23	24°32	5°55	19°R20	T 2
W 3	20 46 39	11° 5'10	11♏49	2°18	26° 3	25° 2	3° 0	22°56	18°52	21°21	23°28	25°11	24°29	6° 2	19°19	W 3
T 4	20 50 35	12° 2'32	24°14	3°52	26°54	25°38	3°13	22°52	18°53	21°22	23°29	24°59	24°26	6° 9	19°19	T 4
F 5	20 54 32	12°59'53	6♎28	5°25	27°44	26°15	3°25	22°48	18°54	21°23	23°29	24°46	24°23	6°15	19°18	F 5
S 6	20 58 29	13°57'15	18°32	6°57	28°34	26°52	3°38	22°44	18°55	21°24	23°29	24°35	24°19	6°22	19°17	S 6
S 7	21 2 25	14°54'38	0♏27	8°26	29°22	27°29	3°51	22°40	18°56	21°25	23°30	24°25	24°16	6°29	19°17	S 7
M 8	21 6 22	15°52'01	12°17	9°53	0♏10	28° 6	4° 3	22°36	18°57	21°26	23°30	24°19	24°13	6°35	19°16	M 8
T 9	21 10 18	16°49'25	24° 6	11°19	0°57	28°43	4°16	22°32	18°57	21°27	23°30	24°15	24°10	6°42	19°15	T 9
W10	21 14 15	17°46'49	5♎58	12°42	1°44	29°20	4°29	22°28	18°58	21°28	23°31	24°13	24° 7	6°49	19°14	W10
T 11	21 18 11	18°44'14	17°58	14° 4	2°29	29°57	4°42	22°24	18°59	21°30	23°31	24°13	24° 4	6°55	19°13	T 11
F 12	21 22 8	19°41'40	0♏11	15°24	3°14	0♏34	4°54	22°21	18°59	21°31	23°31	24°13	24° 0	7° 2	19°12	F 12
S 13	21 26 4	20°39'06	12°43	16°41	3°58	1°11	5° 7	22°17	19° 0	21°32	23°31	24°12	23°57	7° 9	19°11	S 13
S 14	21 30 1	21°36'32	25°39	17°57	4°40	1°48	5°20	22°13	19° 0	21°33	23°32	24° 9	23°54	7°15	19°10	S 14
M15	21 33 58	22°34'00	9♏ 1	19°10	5°22	2°26	5°33	22°10	19° 1	21°35	23°32	24° 4	23°51	7°22	19° 9	M15
T 16	21 37 54	23°31'28	22°51	20°21	6° 3	3° 3	5°46	22° 7	19° 1	21°36	23°32	23°57	23°48	7°29	19° 7	T 16
W17	21 41 51	24°28'57	7♏ 9	21°30	6°43	3°40	5°59	22° 3	19° 2	21°37	23°32	23°47	23°44	7°35	19° 6	W17
T 18	21 45 47	25°26'26	12°48	22°37	7°21	4°18	6°12	22° 0	19° 2	21°39	23°32	23°36	23°41	7°42	19° 5	T 18
F 19	21 49 44	26°23'57	6♏43	23°41	7°59	4°55	6°25	21°57	19° 2	21°40	23°32	23°25	23°38	7°49	19° 3	F 19
S 20	21 53 40	27°21'28	21°44	24°42	8°35	5°33	6°38	21°53	19° 3	21°42	23°32	23°15	23°35	7°56	19° 2	S 20
S 21	21 57 37	28°19'01	6♏40	25°41	9°10	6°10	6°51	21°50	19° 3	21°43	23°32	23° 8	23°32	8° 2	19° 0	S 21
M22	22 1 33	29°16'36	21°25	26°37	9°44	6°48	7° 4	21°47	19° 3	21°45	23°32	23° 3	23°29	8° 9	18°59	M22
T 23	22 5 30	0♎14'11	5♏53	27°30	10°16	7°26	7°17	21°44	19° 3	21°46	23°R32	23° 0	23°25	8°16	18°57	T 23
W24	22 9 26	1°11'48	20° 1	28°20	10°47	8° 3	7°30	21°41	19°R 3	21°48	23°32	22°D59	23°22	8°22	18°56	W24
T 25	22 13 23	2° 9'27	3♏48	29° 7	11°17	8°41	7°43	21°38	19° 3	21°49	23°32	22°R59	23°19	8°29	18°54	T 25
F 26	22 17 20	3° 7'07	17°15	29°50	11°45	9°19	7°56	21°36	19° 3	21°51	23°32	22°59	23°16	8°36	18°53	F 26
S 27	22 21 16	4° 4'49	0♏26	0♏29	12°11	9°57	8° 9	21°33	19° 3	21°52	23°32	22°57	23°13	8°42	18°51	S 27
S 28	22 25 13	5° 2'32	13°21	1° 5	12°36	10°35	8°22	21°30	19° 3	21°54	23°32	22°52	23°10	8°49	18°49	S 28
M29	22 29 9	6° 0'17	26° 3	1°37	13° 0	11°13	8°35	21°28	19° 3	21°56	23°32	22°44	23° 6	8°56	18°47	M29
T 30	22 33 6	6°58'03	8♏34	2° 4	13°21	11°51	8°48	21°25	19° 2	21°57	23°32	22°34	23° 3	9° 2	18°45	T 30
W31	22 37 2	7♎55'51	20♏55	2♏27	13♏41	12♏29	9♎ 1	21♏23	19♏ 2	21♏59	23♏32	22♎22	23♎ 0	9♏ 9	18♏44	W31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	17n54	18n29	3s54	12n54	1n12	1n38	0s40	3n10	0n47	11n18	0n50	21s11	0n13	16n59	0s24	6s52	1n32	3n23	15s39	19s 5	18s51	5s52	9n 3	1n38						
T 2	17 39	15 50	4 30	12 13	1 6	1 11	0 47	2 55	0 46	11 13	0 50	21 12	0 12	16 59	0 24	6 52	1 32	3 23	15 40	19 3	18 50	5 54	9 3	1 38						
W 3	17 23	12 30	4 53	11 33	0 59	0 44	0 54	2 40	0 46	11 9	0 50	21 13	0 12	16 59	0 24	6 53	1 32	3 22	15 40	19 0	18 50	5 56	9 3	1 38						
T 4	17 7	8 40	5 1	10 52	0 52	0 17	1 2	2 25	0 45	11 4	0 50	21 14	0 12	17 0	0 24	6 53	1 32	3 22	15 40	18 57	18 49	5 58	9 2	1 38						
F 5	16 51	4 32	4 55	10 11	0 44	0s10	1 9	2 10	0 44	11 0	0 50	21 14	0 12	17 0	0 24	6 53	1 32	3 22	15 41	18 54	18 48	6 0	9 2	1 38						
S 6	16 35	0 18	4 35	9 30	0 37	0 36	1 17	1 55	0 44	10 55	0 50	21 15	0 12	17 0	0 24	6 54	1 32	3 22	15 41	18 51	18 47	6 2	9 2	1 38						
S 7	16 18	3s55	4 4	8 49	0 28	1 3	1 25	1 39	0 43	10 51	0 50	21 16	0 12	17 0	0 24	6 54	1 32	3 22	15 41	18 49	18 47	6 4	9 2	1 38						
M 8	16 2	7 57	3 23	8 8	0 20	1 29	1 33	1 24	0 42	10 46	0 50	21 17	0 12	17 1	0 24	6 55	1 32	3 21	15 42	18 47	18 46	6 6	9 1	1 38						
T 9	15 44	11 41	2 32	7 28	0 11	1 55	1 41	1 9	0 42	10 41	0 50	21 17	0 12	17 1	0 24	6 55	1 32	3 21	15 42	18 46	18 45	6 8	9 1	1 38						
W10	15 27	14 58	1 35	6 48	0 2	2 21	1 49	0 54	0 41	10 37	0 50	21 18	0 12	17 1	0 24	6 56	1 32	3 21	15 42	18 46	18 44	6 10	9 1	1 38						
T 11	15 10	17 39	0 33	6 8	0s 8	2 47	1 58	0 38	0 40	10 32	0 50	21 19	0 12	17 1	0 24	6 56	1 32	3 21	15 42	18 46	18 43	6 13	9 0	1 38						
F 12	14 52	19 36	0n32	5 28	0 17	3 13	2 6	0 23	0 40	10 28	0 50	21 19	0 11	17 1	0 24	6 57	1 32	3 20	15 43	18 46	18 43	6 15	9 0	1 38						
S 13	14 34	20 39	1 36	4 49	0 27	3 38	2 15	0 8	0 39	10 23	0 50	21 20	0 11	17 1	0 24	6 57	1 31	3 20	15 43	18 45	18 42	6 17	9 0	1 38						
S 14	14 15	20 39	2 38	4 11	0 37	4 3	2 24	0s 8	0 38	10 18	0 50	21 21	0 11	17 2	0 24	6 58	1 31	3 20	15 43	18 45	18 41	6 19	8 59	1 38						
M15	13 57	19 30	3 33	3 33	0 47	4 28	2 33	0 23	0 38	10 13	0 50	21 21	0 11	17 2	0 24	6 58	1 31	3 20	15 44	18 44	18 40	6 21	8 59	1 38						
T 16	13 38	17 11	4 18	2 56	0 57	4 52	2 42	0 38	0 37	10 9	0 50	21 22	0 11	17 2	0 24	6 59	1 31	3 19	15 44	18 42	18 40	6 23	8 58	1 38						
W17	13 19	13 46	4 48	2 19	1 8	5 17	2 51	0 54	0 36	10 4	0 50	21 23	0 11	17 2	0 24	6 59	1 31	3 19	15 44	18 39	18 39	6 25	8 58	1 38						
T 18	13 0	9 27	5 0	1 43	1 18	5 41	3 1	1 9	0 36	9 59	0 50	21 23	0 11	17 2	0 24	7 0	1 31	3 19	15 45	18 37	18 38	6 27	8 57	1 38						
F 19	12 41	4 29	4 53	1 8	1 29	6 4	3 10	1 25	0 35	9 55	0 50	21 24	0 11	17 2	0 24	7 0	1 31	3 19	15 45	18 34	18 37	6 29	8 57	1 38						
S 20	12 21	0n47	4 25	0 34	1 40	6 27	3 20	1 40	0 34	9 50	0 50	21 25	0 11	17 2	0 24	7 1	1 31	3 18	15 45	18 31	18 36	6 31	8 56	1 38						
S 21	12 1	5 59	3 39	0 1	1 51	6 50	3 30	1 56	0 34	9 45	0 50	21 25	0 11	17 2	0 24	7 2	1 31	3 18	15 45	18 30	18 36	6 33	8 56	1 38						
M22	11 41	10 47	2 39	0s31	2 2	7 12	3 40	2 11	0 33	9 40	0 51	21 26	0 11	17 2	0 24	7 2	1 31	3 18	15 46	18 28	18 35	6 35	8 55	1 38						
T 23	11 21	14 50	1 29	1 2	2 13	7 34	3 50	2 26	0 32	9 35	0 51	21 26	0 10	17 2	0 24	7 3	1 31	3 18	15 46	18 28	18 34	6 37	8 55	1 38						
W24	11 1	17 56	0 16	1 32	2 23	7 56	4 0	2 42	0 32	9 31	0 51	21 27	0 10	17 2	0 24	7 3	1 31	3 17	15 46	18 27	18 33	6 39	8 54	1 38						
T 25	10 40	19 54	0s57	2 0	2 34	8 17	4 10	2 57	0 31	9 26	0 51	21 27	0 10	17 2	0 24	7 4	1 31	3 17	15 47	18 27	18 32	6 42	8 53	1 38						
F 26	10 20	20 41	2 5	2 27	2 45	8 37	4 20	3 13	0 31	9 21	0 51	21 28	0 10	17 2	0 24	7 5	1 31	3 17	15 47	18 27	18 32	6 44	8 53	1 38						
S 27	9 59	20 17	3 4	2 53	2 55	8 57	4 31	3 28	0 30	9 16	0 51	21 28	0 10	17 2	0 24	7 5	1 31	3 16	15 47	18 27	18 31	6 46	8 52	1 38						
S 28	9 38	18 49	3 53	3 16	3 6	9 17	4 41	3 44	0 29	9 11	0 51	21 29	0 10	17 2	0 24	7 6	1 31	3 16	15 48	18 26	18 30	6 48	8 51	1 38						
M29	9 17	16 27	4 30	3 38	3 16	9 36	4 52	3 59	0 29	9 7	0 51	21 29	0 10	17 2	0 24	7 6	1 31	3 16	15 48	18 24	18 29	6 50	8 51	1 38						
T 30	8 55	13 21	4 52	3 58	3 26	9 54	5 2	4 14	0 28	9 2	0 51	21 30	0 10	17 2	0 24	7 7	1 31	3 15	15 48	18 21	18 28	6 52	8 50	1 38						
W31	8n34	9n43	5s 1	4s16	3s35	10s11	5s13	4s30	0n27	8n57	0n51	21s30	0n10	17n 2	0s24	7s 8	1n31	3n15	15s48	18s18	18s28	6s54	8n49	1n38						

## ASTRODIENST EPHEMERIS for the year 2608

SEPTEMBER 2608

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 40 59	8♍53'40	3♎ 7	2♊45	13♊59	13♊ 7	9♎14	21°R21	19°R 2	22♊ 1	23°R32	22°R 9	22♎57	9♊16	18°R42	T 1
F 2	22 44 55	9°51'30	15°11	2°58	14°16	13°46	9°27	21°R19	19°R 1	22° 3	23°R32	21°R56	22°54	9°22	18°R40	F 2
S 3	22 48 52	10°49'22	27° 7	3° 6	14°30	14°24	9°40	21°16	19° 1	22° 4	23°31	21°45	22°50	9°29	18°38	S 3
S 4	22 52 49	11°47'15	8♊59	3°R 9	14°42	15° 2	9°54	21°14	19° 0	22° 6	23°31	21°35	22°47	9°36	18°36	S 4
M 5	22 56 45	12°45'09	20°47	3° 5	14°52	15°41	10° 7	21°12	19° 0	22° 8	23°31	21°29	22°44	9°42	18°34	M 5
T 6	23 0 42	13°43'05	2♎34	2°56	15° 0	16°19	10°20	21°11	18°59	22°10	23°31	21°24	22°41	9°49	18°31	T 6
W 7	23 4 38	14°41'02	14°25	2°41	15° 6	16°58	10°33	21° 9	18°59	22°12	23°30	21°23	22°38	9°56	18°29	W 7
T 8	23 8 35	15°39'00	26°24	2°19	15°10	17°36	10°46	21° 7	18°58	22°13	23°30	21°D23	22°35	10° 2	18°27	T 8
F 9	23 12 31	16°37'00	8♊35	1°52	15°R11	18°15	10°59	21° 6	18°57	22°15	23°30	21°23	22°31	10° 9	18°25	F 9
S 10	23 16 28	17°35'01	21° 5	1°19	15°10	18°53	11°12	21° 4	18°56	22°17	23°29	21°R23	22°28	10°16	18°23	S 10
S 11	23 20 24	18°33'03	3♊57	0°40	15° 7	19°32	11°25	21° 3	18°56	22°19	23°29	21°22	22°25	10°23	18°20	S 11
M12	23 24 21	19°31'07	17°15	29♎56	15° 1	20°11	11°38	21° 1	18°55	22°21	23°28	21°19	22°22	10°29	18°18	M12
T 13	23 28 18	20°29'12	1♊ 4	29° 7	14°53	20°50	11°51	21° 0	18°54	22°23	23°28	21°14	22°19	10°36	18°16	T 13
W14	23 32 14	21°27'18	15°22	28°13	14°42	21°28	12° 4	20°59	18°53	22°25	23°28	21° 6	22°15	10°43	18°14	W14
T 15	23 36 11	22°25'26	0♎ 6	27°17	14°29	22° 7	12°17	20°58	18°52	22°27	23°27	20°58	22°12	10°49	18°11	T 15
F 16	23 40 7	23°23'35	15°10	26°19	14°14	22°46	12°30	20°57	18°51	22°29	23°27	20°49	22° 9	10°56	18° 9	F 16
S 17	23 44 4	24°21'46	0♎24	25°20	13°56	23°25	12°43	20°56	18°50	22°31	23°26	20°41	22° 6	11° 3	18° 6	S 17
S 18	23 48 0	25°19'59	15°37	24°21	13°36	24° 4	12°56	20°56	18°48	22°33	23°26	20°35	22° 3	11° 9	18° 4	S 18
M19	23 51 57	26°18'13	0♎40	23°24	13°14	24°44	13° 9	20°55	18°47	22°35	23°25	20°31	22° 0	11°16	18° 1	M19
T 20	23 55 53	27°16'30	15°24	22°29	12°50	25°23	13°21	20°54	18°46	22°37	23°25	20°D30	21°56	11°23	17°59	T 20
W21	23 59 50	28°14'48	29°44	21°40	12°24	26° 2	13°34	20°54	18°45	22°39	23°24	20°30	21°53	11°29	17°56	W21
T 22	0 3 47	29°13'09	13♎40	20°55	11°55	26°41	13°47	20°54	18°43	22°41	23°24	20°31	21°50	11°36	17°54	T 22
F 23	0 7 43	0♊11'32	27°10	20°18	11°25	27°21	14° 0	20°53	18°42	22°43	23°23	20°R31	21°47	11°43	17°51	F 23
S 24	0 11 40	1° 9'57	10♎19	19°48	10°54	28° 0	14°13	20°53	18°41	22°45	23°22	20°31	21°44	11°49	17°49	S 24
S 25	0 15 36	2° 8'23	23° 7	19°26	10°21	28°39	14°25	20°D53	18°39	22°47	23°22	20°29	21°41	11°56	17°46	S 25
M26	0 19 33	3° 6'52	5♎40	19°14	9°47	29°19	14°38	20°53	18°38	22°50	23°21	20°25	21°37	12° 3	17°43	M26
T 27	0 23 29	4° 5'23	18° 0	19°D11	9°12	29°59	14°51	20°53	18°36	22°52	23°20	20°18	21°34	12° 9	17°41	T 27
W28	0 27 26	5° 3'56	0♎ 9	19°17	8°36	0♎38	15° 4	20°54	18°35	22°54	23°20	20°11	21°31	12°16	17°38	W28
T 29	0 31 22	6° 2'32	12°10	19°33	7°59	1°18	15°16	20°54	18°33	22°56	23°19	20° 2	21°28	12°23	17°36	T 29
F 30	0 35 19	7♊ 1'09	24♎ 6	19°59	7♊22	1♎58	15°29	20°R54	18°R31	22°R58	23°R18	19°R54	21°R25	12°R29	17°R33	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	8n12	5n44	4s56	4s31	3s44	10s28	5s24	4s45	0n27	8n52	0n51	21s31	0n10	17n 2	0s24	7s 8
F 2	7 51	1 33	4 37	4 44	3 53	10 44	5 34	5 1	0 26	8 47	0 51	21 31	0 9	17 2	0 24	7 9
S 3	7 29	2s38	4 6	4 55	4 1	11 0	5 45	5 16	0 25	8 42	0 51	21 32	0 9	17 1	0 24	7 10
S 4	7 7	6 42	3 25	5 2	4 8	11 14	5 56	5 31	0 25	8 37	0 51	21 32	0 9	17 1	0 24	7 10
M 5	6 45	10 29	2 35	5 7	4 14	11 28	6 6	5 47	0 24	8 33	0 51	21 33	0 9	17 1	0 24	7 11
T 6	6 23	13 52	1 38	5 8	4 20	11 41	6 17	6 2	0 24	8 28	0 51	21 33	0 9	17 1	0 24	7 12
W 7	6 1	16 42	0 37	5 6	4 24	11 53	6 27	6 17	0 23	8 23	0 51	21 33	0 9	17 1	0 25	7 13
T 8	5 38	18 51	0n27	5 0	4 27	12 3	6 37	6 33	0 22	8 18	0 51	21 34	0 9	17 1	0 25	7 13
F 9	5 16	20 10	1 31	4 51	4 29	12 13	6 48	6 48	0 22	8 13	0 51	21 34	0 9	17 0	0 25	7 14
S 10	4 53	20 32	2 32	4 38	4 29	12 22	6 57	7 3	0 21	8 8	0 52	21 34	0 9	17 0	0 25	7 15
S 11	4 31	19 51	3 27	4 22	4 28	12 30	7 7	7 18	0 20	8 3	0 52	21 35	0 9	17 0	0 25	7 15
M12	4 8	18 4	4 13	4 2	4 25	12 36	7 17	7 33	0 20	7 58	0 52	21 35	0 9	17 0	0 25	7 16
T 13	3 45	15 11	4 47	3 38	4 20	12 41	7 26	7 49	0 19	7 54	0 52	21 35	0 8	16 59	0 25	7 17
W14	3 23	11 20	5 4	3 11	4 14	12 45	7 35	8 4	0 18	7 49	0 52	21 35	0 8	16 59	0 25	7 18
T 15	3 0	6 42	5 1	2 40	4 5	12 48	7 43	8 19	0 18	7 44	0 52	21 36	0 8	16 59	0 25	7 18
F 16	2 37	1 33	4 38	2 8	3 54	12 49	7 51	8 34	0 17	7 39	0 52	21 36	0 8	16 58	0 25	7 19
S 17	2 14	3n45	3 55	1 33	3 42	12 49	7 58	8 49	0 17	7 34	0 52	21 36	0 8	16 58	0 25	7 20
S 18	1 51	8 50	2 56	0 57	3 28	12 48	8 5	9 4	0 16	7 29	0 52	21 36	0 8	16 58	0 25	7 21
M19	1 28	13 18	1 45	0 20	3 12	12 45	8 12	9 18	0 15	7 24	0 52	21 37	0 8	16 58	0 25	7 21
T 20	1 5	16 50	0 27	0n17	2 55	12 41	8 17	9 33	0 15	7 20	0 52	21 37	0 8	16 57	0 25	7 22
W21	0 42	19 13	0s50	0 53	2 37	12 35	8 22	9 48	0 14	7 15	0 52	21 37	0 8	16 57	0 25	7 23
T 22	0 19	20 21	2 1	1 28	2 18	12 28	8 26	10 3	0 13	7 10	0 52	21 37	0 8	16 56	0 25	7 24
F 23	0s 5	20 15	3 4	2 1	1 59	12 19	8 30	10 18	0 13	7 5	0 53	21 37	0 7	16 56	0 25	7 25
S 24	0 28	19 2	3 56	2 31	1 39	12 9	8 33	10 32	0 12	7 0	0 53	21 37	0 7	16 56	0 25	7 25
S 25	0 51	16 53	4 34	2 57	1 19	11 58	8 34	10 47	0 12	6 55	0 53	21 37	0 7	16 55	0 25	7 26
M26	1 14	13 58	4 58	3 20	0 59	11 45	8 35	11 1	0 11	6 51	0 53	21 37	0 7	16 55	0 25	7 27
T 27	1 37	10 30	5 8	3 39	0 40	11 31	8 35	11 16	0 10	6 46	0 53	21 37	0 7	16 54	0 25	7 28
W28	2 0	6 38	5 4	3 53	0 22	11 16	8 34	11 30	0 10	6 41	0 53	21 38	0 7	16 54	0 25	7 29
T 29	2 24	2 34	4 46	4 3	0 4	11 0	8 32	11 45	0 9	6 36	0 53	21 38	0 7	16 54	0 25	7 29
F 30	2s47	1s35	4s16	4n 8	0n12	10s43	8s30	11s59	0n 9	6n31	0n53	21s38	0n 7	16n53	0s25	7s30

Julian Day Number = 2673855.5, Delta T = 20m46s

Ecliptic obliquity = 23°21'32, Nutation = 0°00'15

Ayanamsha: Fagan/Bradley = 33°15'13, Lahiri = 32°22'13



# ASTRODIENST EPHEMERIS for the year 2608

NOVEMBER 2608

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 41 29	8♈33'39	20♈24	8♈54	1♈10	23♈38	21♈46	21♈59	17°R24	24♈ 9	22°R48	19°D 9	19♈43	16♈ 3	16°R 7	T 1
W 2	2 45 25	9°33'21	2♈28	10°34	1°33	24°20	21°56	22° 3	17♈21	24°11	22♈47	19♈ 9	19°40	16°10	16°R 5	W 2
T 3	2 49 22	10°33'06	14°41	12°13	1°59	25° 1	22° 7	22° 6	17°19	24°13	22°46	19°10	19°37	16°16	16° 2	T 3
F 4	2 53 18	11°32'52	27° 5	13°52	2°25	25°43	22°17	22°10	17°16	24°15	22°45	19°10	19°33	16°23	16° 0	F 4
S 5	2 57 15	12°32'40	9♈42	15°30	2°54	26°25	22°28	22°14	17°14	24°18	22°44	19°11	19°30	16°30	15°58	S 5
S 6	3 1 11	13°32'29	22°36	17° 7	3°24	27° 7	22°38	22°18	17°11	24°20	22°43	19°12	19°27	16°36	15°55	S 6
M 7	3 5 8	14°32'21	5♈48	18°44	3°56	27°48	22°48	22°22	17° 9	24°22	22°42	19°12	19°24	16°43	15°53	M 7
T 8	3 9 5	15°32'13	19°22	20°20	4°29	28°30	22°59	22°26	17° 6	24°24	22°41	19°R12	19°21	16°50	15°51	T 8
W 9	3 13 1	16°32'08	3♈17	21°56	5° 3	29°12	23° 9	22°30	17° 4	24°26	22°40	19°12	19°18	16°56	15°48	W 9
T 10	3 16 58	17°32'04	17°34	23°32	5°39	29°54	23°19	22°34	17° 2	24°28	22°39	19°12	19°14	17° 3	15°46	T 10
F 11	3 20 54	18°32'01	2♈10	25° 7	6°16	0♈36	23°29	22°38	16°59	24°30	22°37	19°12	19°11	17°10	15°44	F 11
S 12	3 24 51	19°32'00	17° 2	26°41	6°55	1°18	23°38	22°43	16°57	24°32	22°36	19°D12	19° 8	17°16	15°42	S 12
S 13	3 28 47	20°32'01	2♈ 1	28°15	7°34	2° 1	23°48	22°47	16°54	24°34	22°35	19°12	19° 5	17°23	15°40	S 13
M14	3 32 44	21°32'04	17° 1	29°49	8°15	2°43	23°58	22°51	16°52	24°36	22°34	19°R12	19° 2	17°30	15°38	M14
T 15	3 36 40	22°32'08	1♈53	1♈22	8°57	3°25	24° 7	22°56	16°49	24°38	22°33	19°12	18°58	17°36	15°36	T 15
W16	3 40 37	23°32'14	16°29	2°55	9°40	4° 7	24°16	23° 1	16°47	24°40	22°32	19°11	18°55	17°43	15°34	W16
T 17	3 44 34	24°32'23	0♈43	4°28	10°25	4°50	24°26	23° 5	16°44	24°42	22°31	19°11	18°52	17°50	15°32	T 17
F 18	3 48 30	25°32'33	14°32	6° 0	11°10	5°32	24°35	23°10	16°42	24°44	22°30	19°10	18°49	17°56	15°30	F 18
S 19	3 52 27	26°32'45	27°54	7°32	11°56	6°15	24°44	23°15	16°40	24°46	22°28	19° 9	18°46	18° 3	15°28	S 19
S 20	3 56 23	27°32'59	10♈51	9° 3	12°43	6°57	24°53	23°20	16°37	24°48	22°27	19° 9	18°43	18°10	15°26	S 20
M21	4 0 20	28°33'15	23°26	10°34	13°31	7°40	25° 2	23°25	16°35	24°50	22°26	19°D 8	18°39	18°16	15°24	M21
T 22	4 4 16	29°33'33	5♈43	12° 5	14°20	8°23	25°10	23°30	16°32	24°52	22°25	19° 8	18°36	18°23	15°22	T 22
W23	4 8 13	0♈33'53	17°45	13°35	15°10	9° 5	25°19	23°35	16°30	24°54	22°24	19° 9	18°33	18°30	15°20	W23
T 24	4 12 9	1°34'14	29°39	15° 6	16° 1	9°48	25°27	23°40	16°28	24°56	22°23	19°10	18°30	18°36	15°19	T 24
F 25	4 16 6	2°34'38	11♈27	16°35	16°52	10°31	25°36	23°45	16°25	24°58	22°22	19°11	18°27	18°43	15°17	F 25
S 26	4 20 2	3°35'04	23°16	18° 5	17°44	11°14	25°44	23°51	16°23	25° 0	22°21	19°12	18°24	18°50	15°16	S 26
S 27	4 23 59	4°35'31	5♈ 7	19°33	18°37	11°57	25°52	23°56	16°21	25° 2	22°20	19°14	18°20	18°56	15°14	S 27
M28	4 27 56	5°36'00	17° 6	21° 2	19°31	12°40	26° 0	24° 1	16°18	25° 3	22°18	19°R14	18°17	19° 3	15°12	M28
T 29	4 31 52	6°36'30	29°13	22°30	20°25	13°23	26° 8	24° 7	16°16	25° 5	22°17	19°14	18°14	19°10	15°11	T 29
W30	4 35 49	7♈37'03	11♈30	23♈58	21♈20	14♈ 6	26♈15	24♈13	16♈14	25♈ 7	22♈16	19♈12	18♈11	19♈16	15°V10	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	14s19	17s41	0n 7	13s52	0n35	2s48	2s33	18s48	0s11	4n 8	0n57	21s30	0n 4	16n34	0s25	7s56
W 2	14 37	19 23	1 13	14 30	0 28	2 47	2 21	18 58	0 11	4 4	0 58	21 30	0 4	16 34	0 25	7 57
T 3	14 56	20 13	2 17	15 7	0 22	2 46	2 9	19 9	0 12	4 0	0 58	21 29	0 4	16 33	0 25	7 57
F 4	15 15	20 4	3 16	15 43	0 15	2 46	1 58	19 20	0 13	3 56	0 58	21 29	0 4	16 32	0 25	7 58
S 5	15 33	18 55	4 6	16 18	0 8	2 47	1 47	19 30	0 13	3 52	0 58	21 28	0 4	16 32	0 25	7 59
S 6	15 51	16 48	4 44	16 52	0 1	2 49	1 36	19 40	0 14	3 48	0 58	21 28	0 4	16 31	0 25	8 0
M 7	16 9	13 45	5 9	17 26	0s 6	2 52	1 25	19 50	0 14	3 44	0 58	21 27	0 4	16 30	0 25	8 1
T 8	16 26	9 55	5 18	17 58	0 12	2 55	1 15	20 0	0 15	3 41	0 59	21 27	0 3	16 30	0 25	8 1
W 9	16 43	5 28	5 8	18 30	0 19	3 0	1 5	20 10	0 16	3 37	0 59	21 26	0 3	16 29	0 25	8 2
T 10	17 0	0 36	4 40	19 1	0 26	3 5	0 55	20 19	0 16	3 33	0 59	21 25	0 3	16 28	0 25	8 3
F 11	17 17	4n25	3 53	19 30	0 33	3 10	0 45	20 29	0 17	3 29	0 59	21 25	0 3	16 27	0 25	8 4
S 12	17 33	9 17	2 50	19 59	0 39	3 17	0 36	20 38	0 17	3 26	0 59	21 24	0 3	16 27	0 25	8 4
S 13	17 49	13 37	1 34	20 27	0 46	3 24	0 27	20 47	0 18	3 22	1 0	21 23	0 3	16 26	0 25	8 5
M14	18 5	17 3	0 12	20 54	0 52	3 32	0 18	20 56	0 18	3 18	1 0	21 23	0 3	16 25	0 25	8 6
T 15	18 21	19 20	1s10	21 19	0 58	3 41	0 9	21 5	0 19	3 15	1 0	21 22	0 3	16 25	0 25	8 6
W16	18 36	20 15	2 26	21 44	1 5	3 50	0 1	21 13	0 20	3 11	1 0	21 21	0 3	16 24	0 25	8 7
T 17	18 50	19 50	3 31	22 7	1 11	3 59	0n 8	21 22	0 20	3 8	1 0	21 21	0 3	16 23	0 25	8 8
F 18	19 5	18 14	4 22	22 30	1 17	4 10	0 16	21 30	0 21	3 4	1 0	21 20	0 3	16 23	0 25	8 8
S 19	19 19	15 40	4 56	22 51	1 23	4 21	0 23	21 38	0 21	3 1	1 1	21 19	0 3	16 22	0 25	8 9
S 20	19 33	12 24	5 14	23 11	1 28	4 32	0 31	21 45	0 22	2 58	1 1	21 18	0 3	16 21	0 25	8 10
M21	19 46	8 40	5 17	23 30	1 34	4 44	0 38	21 53	0 22	2 54	1 1	21 18	0 2	16 21	0 25	8 11
T 22	19 59	4 40	5 4	23 48	1 39	4 56	0 45	22 0	0 23	2 51	1 1	21 17	0 2	16 20	0 25	8 11
W23	20 12	0 32	4 39	24 5	1 44	5 9	0 52	22 8	0 24	2 48	1 2	21 16	0 2	16 19	0 25	8 12
T 24	20 24	3s33	4 2	24 20	1 49	5 23	0 59	22 15	0 24	2 45	1 2	21 15	0 2	16 19	0 25	8 13
F 25	20 36	7 30	3 15	24 34	1 54	5 36	1 5	22 21	0 25	2 42	1 2	21 15	0 2	16 18	0 25	8 13
S 26	20 48	11 10	2 19	24 47	1 58	5 50	1 11	22 28	0 25	2 39	1 2	21 14	0 2	16 17	0 24	8 14
S 27	20 59	14 24	1 17	24 59	2 3	6 5	1 17	22 34	0 26	2 36	1 2	21 13	0 2	16 17	0 24	8 14
M28	21 10	17 4	0 12	25 10	2 6	6 20	1 23	22 40	0 26	2 33	1 3	21 12	0 2	16 16	0 24	8 15
T 29	21 20	19 1	0n55	25 19	2 10	6 35	1 28	22 46	0 27	2 30	1 3	21 11	0 2	16 15	0 24	8 16
W30	21s30	20s 6	2n 0	25s27	2s14	6s51	1n34	22s52	0s27	2n27	1n 3	21s10	0n 2	16n15	0s24	8s16

Julian Day Number = 2673916.5, Delta T = 20m47s  
 Ecliptic obliquity = 23°21'31", Nutation = 0°00'12"  
 Ayanamsha: Fagan/Bradley = 33°15'22", Lahiri = 32°22'22"

## ASTRODIENST EPHEMERIS for the year 2608

## DECEMBER 2608

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 39 45	8°37'36	24°00	25°25	22°15	14°49	26°23	24°18	16°R11	25°09	22°R15	19°R10	18°08	19°23	15°R 8	T 1
F 2	4 43 42	9°38'11	6°34	26°51	23°11	15°33	26°30	24°24	16°09	25°10	22°R14	19°07	18°04	19°30	15°07	F 2
S 3	4 47 38	10°38'48	19°38	28°17	24°08	16°16	26°38	24°30	16°07	25°12	22°13	19°04	18°01	19°36	15°06	S 3
S 4	4 51 35	11°39'25	2°47	29°42	25°05	16°59	26°45	24°35	16°05	25°14	22°12	19°01	17°58	19°43	15°04	S 4
M 5	4 55 32	12°40'04	16°10	1°37	26°03	17°43	26°52	24°41	16°03	25°15	22°11	18°58	17°55	19°50	15°03	M 5
T 6	4 59 28	13°40'44	29°46	2°30	27°01	18°26	26°59	24°47	16°01	25°17	22°10	18°56	17°52	19°56	15°02	T 6
W 7	5 3 25	14°41'25	13°36	3°52	28°00	19°10	27°05	24°53	15°59	25°19	22°09	18°D55	17°49	20°03	15°01	W 7
T 8	5 7 21	15°42'07	27°40	5°13	29°00	19°53	27°12	24°59	15°57	25°20	22°08	18°56	17°45	20°09	15°00	T 8
F 9	5 11 18	16°42'49	11°56	6°33	29°59	20°37	27°18	25°05	15°55	25°22	22°07	18°57	17°42	20°16	14°59	F 9
S 10	5 15 14	17°43'33	26°22	7°51	0°M59	21°20	27°24	25°11	15°53	25°23	22°06	18°58	17°39	20°23	14°58	S 10
S 11	5 19 11	18°44'18	10°56	9°07	2°00	22°04	27°31	25°17	15°51	25°25	22°05	18°59	17°36	20°29	14°57	S 11
M12	5 23 07	19°45'03	25°31	10°21	3°01	22°48	27°37	25°23	15°49	25°26	22°04	19°R 0	17°33	20°36	14°56	M12
T13	5 27 04	20°45'50	10°11	11°33	4°03	23°32	27°42	25°30	15°47	25°28	22°03	18°58	17°30	20°43	14°56	T13
W14	5 31 01	21°46'38	24°26	12°42	5°04	24°16	27°48	25°36	15°45	25°29	22°02	18°55	17°26	20°49	14°55	W14
T15	5 34 57	22°47'27	8°33	13°47	6°07	24°59	27°54	25°42	15°43	25°31	22°01	18°50	17°23	20°56	14°54	T15
F16	5 38 54	23°48'18	22°21	14°49	7°09	25°43	27°59	25°49	15°41	25°32	22°00	18°44	17°20	21°03	14°54	F16
S17	5 42 50	24°49'09	5°45	15°47	8°12	26°27	28°04	25°55	15°39	25°33	21°59	18°38	17°17	21°09	14°53	S17
S18	5 46 47	25°50'01	18°46	16°40	9°16	27°11	28°09	26°01	15°38	25°35	21°58	18°33	17°14	21°16	14°53	S18
M19	5 50 43	26°50'55	1°17	17°27	10°19	27°56	28°14	26°08	15°36	25°36	21°57	18°28	17°10	21°23	14°52	M19
T20	5 54 40	27°51'50	13°44	18°08	11°24	28°40	28°19	26°14	15°34	25°37	21°56	18°25	17°07	21°29	14°52	T20
W21	5 58 36	28°52'46	25°48	18°41	12°28	29°24	28°23	26°21	15°33	25°39	21°56	18°D24	17°04	21°36	14°51	W21
T22	6 2 33	29°53'43	7°42	19°07	13°33	0°08	28°27	26°27	15°31	25°40	21°55	18°24	17°01	21°43	14°51	T22
F23	6 6 30	0°54'41	19°31	19°24	14°37	0°53	28°32	26°34	15°30	25°41	21°54	18°26	16°58	21°49	14°51	F23
S24	6 10 26	1°55'40	1°M20	19°R31	15°43	1°37	28°36	26°41	15°28	25°42	21°53	18°27	16°55	21°56	14°51	S24
S25	6 14 23	2°56'41	13°13	19°28	16°48	2°21	28°39	26°47	15°27	25°43	21°52	18°R28	16°51	22°03	14°51	S25
M26	6 18 19	3°57'42	25°16	19°13	17°54	3°06	28°43	26°54	15°25	25°44	21°51	18°28	16°48	22°09	14°D51	M26
T27	6 22 16	4°58'44	7°33	18°47	19°00	3°51	28°47	27°01	15°24	25°45	21°51	18°26	16°45	22°16	14°51	T27
W28	6 26 12	5°59'47	20°04	18°09	20°06	4°35	28°50	27°08	15°23	25°46	21°50	18°22	16°42	22°23	14°51	W28
T29	6 30 09	7°00'51	2°52	17°20	21°13	5°20	28°53	27°14	15°21	25°47	21°49	18°15	16°39	22°29	14°51	T29
F30	6 34 05	8°01'55	15°58	16°21	22°20	6°04	28°56	27°21	15°20	25°48	21°48	18°07	16°36	22°36	14°51	F30
S31	6 38 02	9°03'00	29°318	15°32	23°M27	6°349	28°M59	27°328	15°019	25°49	21°48	17°M58	16°M32	22°43	14°Y51	S31

Day	☉	☾		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	21s40	20s13	3n 0	25s33	2s17	7s 6	1n39	22s58	0s28	2n24	1n 3	21s 9	0n 2	16n14	0s24	8s17	1n31	2n46	16s 0	17s27	17s10	9s51	7n20	1n30	
F 2	21 49	19 19	3 53	25 39	2 19	7 23	1 44	23 3	0 29	2 21	1 3	21 8	0 2	16 14	0 24	8 17	1 31	2 46	16 0	17 27	17 9	9 53	7 19	1 30	
S 3	21 58	17 24	4 34	25 42	2 22	7 39	1 48	23 8	0 29	2 19	1 4	21 7	0 2	16 13	0 24	8 18	1 31	2 46	16 0	17 26	17 9	9 55	7 19	1 30	
S 4	22 6	14 34	5 2	25 45	2 24	7 55	1 53	23 13	0 30	2 16	1 4	21 6	0 1	16 12	0 24	8 19	1 31	2 46	16 0	17 25	17 8	9 57	7 18	1 30	
M 5	22 14	10 56	5 14	25 46	2 25	8 12	1 57	23 18	0 30	2 14	1 4	21 6	0 1	16 12	0 24	8 19	1 31	2 46	16 0	17 24	17 7	9 59	7 17	1 30	
T 6	22 22	6 41	5 9	25 46	2 26	8 29	2 1	23 22	0 31	2 11	1 4	21 5	0 1	16 11	0 24	8 20	1 31	2 45	16 0	17 24	17 6	10 0	7 17	1 30	
W 7	22 29	2 1	4 46	25 45	2 27	8 47	2 5	23 26	0 31	2 9	1 5	21 4	0 1	16 11	0 24	8 20	1 32	2 45	15 59	17 23	17 5	10 2	7 16	1 29	
T 8	22 36	2n50	4 6	25 42	2 27	9 4	2 9	23 30	0 32	2 6	1 5	21 3	0 1	16 10	0 24	8 21	1 32	2 45	15 59	17 23	17 4	10 4	7 16	1 29	
F 9	22 42	7 37	3 10	25 38	2 26	9 22	2 13	23 34	0 32	2 4	1 5	21 2	0 1	16 9	0 24	8 21	1 32	2 45	15 59	17 24	17 3	10 6	7 15	1 29	
S 10	22 48	12 2	2 1	25 33	2 25	9 39	2 16	23 37	0 33	2 2	1 5	21 1	0 1	16 9	0 24	8 22	1 32	2 45	15 59	17 24	17 2	10 8	7 15	1 29	
S 11	22 53	15 45	0 44	25 26	2 24	9 57	2 19	23 41	0 33	1 59	1 6	20 59	0 1	16 8	0 24	8 22	1 32	2 45	15 59	17 25	17 1	10 9	7 14	1 29	
M12	22 58	18 30	0s36	25 18	2 21	10 15	2 22	23 44	0 34	1 57	1 6	20 58	0 1	16 8	0 24	8 23	1 32	2 45	15 59	17 25	17 1	10 11	7 14	1 29	
T13	23 2	20 1	1 53	25 9	2 18	10 33	2 25	23 46	0 34	1 55	1 6	20 57	0 1	16 7	0 24	8 23	1 32	2 45	15 58	17 24	17 0	10 13	7 13	1 29	
W14	23 6	20 13	3 2	24 59	2 14	10 51	2 28	23 49	0 35	1 53	1 6	20 56	0 1	16 7	0 24	8 24	1 32	2 45	15 58	17 23	16 59	10 15	7 13	1 28	
T15	23 10	19 7	3 58	24 48	2 9	11 9	2 30	23 51	0 36	1 51	1 7	20 55	0 1	16 6	0 24	8 24	1 32	2 45	15 58	17 22	16 58	10 16	7 13	1 28	
F16	23 13	16 55	4 39	24 35	2 4	11 27	2 32	23 53	0 36	1 49	1 7	20 54	0 1	16 6	0 24	8 25	1 32	2 45	15 58	17 20	16 57	10 18	7 12	1 28	
S17	23 15	13 52	5 4	24 22	1 57	11 45	2 34	23 55	0 37	1 48	1 7	20 53	0 1	16 5	0 24	8 25	1 32	2 45	15 58	17 19	16 56	10 20	7 12	1 28	
S18	23 18	10 13	5 11	24 8	1 49	12 3	2 36	23 57	0 37	1 46	1 7	20 52	0 0	16 5	0 24	8 26	1 32	2 45	15 57	17 17	16 55	10 22	7 12	1 28	
M19	23 19	6 12	5 3	23 53	1 41	12 22	2 38	23 58	0 38	1 44	1 8	20 51	0 0	16 4	0 24	8 26	1 32	2 45	15 57	17 16	16 54	10 23	7 11	1 28	
T20	23 20	2 2	4 42	23 38	1 31	12 40	2 40	23 59	0 38	1 42	1 8	20 50	0 0	16 4	0 24	8 26	1 32	2 45	15 57	17 15	16 53	10 25	7 11	1 28	
W21	23 21	2s 8	4 8	23 22	1 19	12 58	2 41	24 0	0 39	1 41	1 8	20 48	0 0	16 3	0 24	8 27	1 32	2 45	15 57	17 15	16 53	10 27	7 11	1 27	
T22	23 21	6 10	3 23	23 6	1 7	13 16	2 43	24 1	0 39	1 39	1 8	20 47	0 0	16 3	0 24	8 27	1 32	2 45	15 57	17 15	16 52	10 29	7 11	1 27	
F23	23 21	9 56	2 31	22 50	0 53	13 33	2 44	24 1	0 40	1 38	1 9	20 46	0 0	16 3	0 24	8 28	1 32	2 45	15 56	17 15	16 51	10 30	7 10	1 27	
S24	23 21	13 20	1 32	22 34	0 38	13 51	2 45	24 1	0 40	1 37	1 9	20 45	0 0	16 2	0 24	8 28	1 32	2 45	15 56	17 16	16 50	10 32	7 10	1 27	
S25	23 20	16 12	0 28	22 19	0 22	14 9	2 46	24 1	0 41	1 35	1 9	20 44	0s 0	16 2	0 24	8 28	1 32	2 45	15 56	17 16	16 49	10 34	7 10	1 27	
M26	23 18	18 25	0n37	22 3	0 4	14 26	2 47	24 0	0 41	1 34	1 9	20 42	0 0	16 1	0 24	8 29	1 32	2 45	15 56	17 16	16 48	10 36	7 10	1 27	
T27	23 16	19 50	1 41	21 49	0n14	14 44	2 47	24 0	0 42	1 33	1 10	20 41	0 0	16 1	0 24	8 29	1 33	2 45	15 55	17 15	16 47	10 37	7 10	1 27	
W28	23 13	20 17	2 42	21 35	0 34	15 1	2 48	23 59	0 42	1 32	1 10	20 40	0 0	16 1	0 24	8 29	1 33	2 45	15 55	17 14	16 46	10 39	7 10	1 26	
T29	23 10	19 43	3 36	21 21	0 53	15 18	2 48	23 58	0 43	1 31	1 10	20 39	0 0	16 0	0 24	8 30	1 33	2 45	15 55	17 12	16 45	10 41	7 9	1 26	
F30	23 7	18 6	4 20	21 9	1 13	15 35	2 48	23 56	0 43	1 30	1 10	20 38	0 0	16 0	0 24	8 30	1 33	2 45	15 55	17 10	16 44	10 43	7 9	1 26	
S31	23s 3	15s29	4n50	20s58	1n33	15s51	2n48	23s55	0s44	1n29	1n11	20s36	0s 0	16n 0	0s24	8s30	1n33	2n45	15s54	17s 8	16s44	10s44	7n 9	1n26	

## ASTRODIENST EPHEMERIS for the year 2609

JANUARY 2609

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day	
S 1	6 41 59	10°38'40"	12°52'52"	13°R57	24°M34	7°33'34"	29°M 1	27°33'35"	15°R18	25°52'50"	21°R47	17°R49	16°M29	22°52'49"	14°Y52	S 1	
M 2	6 45 55	11° 5'11"	26°37'30"	12°33'36"	25°41'10"	8°19' 4"	29° 4	27°42'15"	15°R17	25°51'25"	21°R46	17°M40	16°26'22"	22°56'14"	14°52'14"	M 2	
T 3	6 49 52	12° 6'17"	10°38'30"	11°14'10"	26°49' 9"	9° 4	29° 6	27°49'15"	15°16'25"	25°52'21"	21°46'17"	17°34'16"	16°23'23"	23° 3	14°52'14"	T 3	
W 4	6 53 48	13° 7'23"	24°29' 9"	9°52'27"	27°57' 9"	9°49'29"	29° 8	27°56'15"	15°15'25"	25°53'21"	21°45'17"	17°30'16"	16°20'23"	23° 9	14°53'14"	W 4	
T 5	6 57 45	14° 8'29"	8°Y32	8°33'29"	29° 5	10°34'29"	29°10	28° 3	15°14'25"	25°53'21"	21°44'17"	17°D28	16°16'23"	23°16'14"	14°53'14"	T 5	
F 6	7 1 41	15° 9'35"	22°38'7"	7°21' 0"	0°X13	11°19'29"	29°11	28°10'15"	15°13'25"	25°54'21"	21°44'17"	17°28'16"	16°13'23"	23°23'14"	14°54'14"	F 6	
S 7	7 5 38	16°10'41"	6°34'52"	6°16'12"	1°21'12"	12° 4	29°13	28°17'15"	15°12'25"	25°55'21"	21°43'17"	17°29'16"	16°10'23"	23°29'14"	14°55'14"	S 7	
S 8	7 9 34	17°11'47"	20°54'52"	5°20'23"	2°30'12"	12°49'29"	29°14	28°24'15"	15°11'25"	25°56'21"	21°43'17"	17°R29	16° 7	23°36'14"	14°55'14"	S 8	
M 9	7 13 31	18°12'53"	5°II 1	4°33'33"	3°38'13"	13°34'29"	29°15	28°31'15"	15°10'25"	25°56'21"	21°42'17"	17°28'16"	16° 4	23°43'14"	14°56'14"	M 9	
T 10	7 17 28	19°13'59"	19° 5	3°58'44"	4°47'14"	14°19'29"	29°16	28°38'15"	15°10'25"	25°57'21"	21°41'17"	17°24'16"	16° 1	23°49'14"	14°57'14"	T 10	
W 11	7 21 24	20°15'05"	3°33'33"	3°33'33"	5°56'15"	15° 4	29°16	28°45'15"	15° 9	25°57'21"	21°41'17"	17°18'15"	15°57'23"	23°56'14"	14°58'14"	W 11	
T 12	7 25 21	21°16'11"	16°49'31"	3°18' 7° 5	15°50'29"	15°50'29"	29°17	28°52'15"	15° 8	25°58'21"	21°40'17"	17° 8	15°54'24"	24° 3	14°58'14"	T 12	
F 13	7 29 17	22°17'17"	0°N22	3°D12	8°15'16"	16°35'29"	29°17	28°59'15"	15° 8	25°58'21"	21°40'16"	16°57'15"	15°51'24"	24° 9	14°59'14"	F 13	
S 14	7 33 14	23°18'23"	13°37'31"	3°16' 9°24	9°24'17"	17°20'29"	29°R17	29° 6	15° 7	25°59'21"	21°39'16"	16°45'15"	15°48'24"	24°16'15"	15° 0	S 14	
S 15	7 37 10	24°19'29"	26°33'32"	3°29'10"	10°34'18"	18° 6	29°17	29°13'15"	15° 7	25°59'21"	21°39'16"	16°34'15"	15°45'24"	24°23'15"	15° 2	S 15	
M 16	7 41 7	25°20'36"	9°M 10	3°49'11"	11°43'18"	18°51'29"	29°17	29°20'15"	15° 6	26° 0	21°39'16"	16°24'15"	15°42'24"	24°29'15"	15° 3	M 16	
T 17	7 45 4	26°21'42"	21°30'41"	4°16'12"	12°53'19"	19°37'29"	29°16	29°27'15"	15° 6	26° 0	21°38'16"	16°16'15"	15°38'24"	24°36'15"	15° 4	T 17	
W 18	7 49 0	27°22'49"	3°33'35"	4°49'14"	14° 3	20°22'29"	29°16	29°34'15"	15° 6	26° 0	21°38'16"	16°10'15"	15°35'24"	24°42'15"	15° 5	W 18	
T 19	7 52 57	28°23'55"	15°29'52"	5°29'15"	15°13'21"	21° 8	29°15	29°41'15"	15° 6	26° 1	21°37'16"	16° 8	15°32'24"	24°49'15"	15° 6	T 19	
F 20	7 56 53	29°25'02"	27°17'6"	6°13'16"	16°24'21"	21°53'29"	29°14	29°48'15"	15° 5	26° 1	21°37'16"	16°D 7	15°29'24"	24°56'15"	15° 8	F 20	
S 21	8 0 50	0°26'09"	9°M 6	7° 2	17°34'22"	22°39'29"	29°13	29°56'15"	15° 5	26° 1	21°37'16"	16° 7	15°26'25"	25° 2	15° 9	S 21	
S 22	8 4 46	1°27'15"	21° 0	7°55'18"	18°45'23"	23°25'29"	29°11	0°33'15"	15° 5	26° 1	21°36'16"	16°R 7	15°22'25"	25° 9	15°10'15"	S 22	
M 23	8 8 43	2°28'22"	3°X 4	8°51'19"	19°55'24"	24°10'29"	29°10	0°10'15"	15°D 5	26° 2	21°36'16"	16° 6	15°19'25"	25°16'15"	15°12'15"	M 23	
T 24	8 12 39	3°29'29"	15°25'9°51	9°51'21"	21° 6	24°56'29"	29° 8	0°17'15"	15° 5	26° 2	21°36'16"	16° 2	15°16'25"	25°22'15"	15°13'15"	T 24	
W 25	8 16 36	4°30'36"	28° 5	10°54'22"	17°25"	22°17'25"	29° 6	0°24'15"	15° 5	26° 2	21°36'15"	15°56'15"	15°13'25"	25°29'15"	15°15'15"	W 25	
T 26	8 20 33	5°31'42"	11°33'7"	12° 0	23°28'26"	26°28'29"	29° 3	0°31'15"	15° 5	26° 2	21°35'15"	15°47'15"	15°10'25"	25°36'15"	15°17'15"	T 26	
F 27	8 24 29	6°32'48"	24°30'13"	8	24°39'27"	14°29° 1	0°38'15"	15° 5	26°R 2	21°35'15"	15°36'15"	15° 7	25°42'15"	15°18'14"	15°18'14"	F 27	
S 28	8 28 26	7°33'54"	8°M15	14°18'25"	50	28° 0	28°58'0°45	15° 6	26° 2	21°35'15"	15°23'15"	15° 3	25°49'15"	15°20'14"	15°20'14"	S 28	
S 29	8 32 22	8°34'59"	22°16'15"	30	15°30'27"	1	28°46'28"	56	0°52'15"	6	26° 2	21°35'15"	15°10'15"	15° 0	25°56'15"	15°22'15"	S 29
M 30	8 36 19	9°36'03"	6°X30	16°44'28"	12	28°12'29"	32	28°53'0°59	15° 6	26° 2	21°35'14"	14°59'14"	14°57'26"	26° 2	15°24'15"	M 30	
T 31	8 40 15	10°37'07"	20°X49	18°33'0"	24	29°X24	0°18'28"	M50	1° 6	15°R 7	26°22	21°R35	14°M49	14°M54	26°22	15°Y25	T 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	22s59	12s 1	5n 5	20s47	1n51	16s 8	2n48	23s53	0s44	1n28	1n11	20s35	0s 1	15n59	0s24	8s30	1n33	2n45	15s54	17s 5	16s43	10s46	7n 9	1n26	
M 2	22 54	7 51	5 3	20 37	2 9	16 24	2 48	23 50	0 45	1 28	1 11	20 34	0 1	15 59	0 24	8 31	1 33	2 45	15 54	17 3	16 42	10 48	7 9	1 26	
T 3	22 49	3 15	4 42	20 29	2 25	16 40	2 48	23 48	0 45	1 27	1 11	20 32	0 1	15 59	0 24	8 31	1 33	2 46	15 54	17 1	16 41	10 50	7 9	1 25	
W 4	22 43	1n34	4 5	20 22	2 38	16 55	2 47	23 45	0 46	1 27	1 12	20 31	0 1	15 59	0 24	8 31	1 33	2 46	15 53	17 0	16 40	10 51	7 9	1 25	
T 5	22 37	6 20	3 13	20 16	2 49	17 10	2 47	23 42	0 46	1 26	1 12	20 30	0 1	15 58	0 24	8 31	1 33	2 46	15 53	16 59	16 39	10 53	7 9	1 25	
F 6	22 30	10 46	2 9	20 11	2 58	17 25	2 46	23 39	0 46	1 26	1 12	20 28	0 1	15 58	0 24	8 32	1 33	2 46	15 53	16 59	16 38	10 55	7 10	1 25	
S 7	22 23	14 38	0 57	20 9	3 4	17 40	2 45	23 36	0 47	1 25	1 13	20 27	0 1	15 58	0 24	8 32	1 33	2 46	15 52	17 0	16 37	10 56	7 10	1 25	
S 8	22 15	17 38	0s18	20 7	3 8	17 54	2 44	23 32	0 47	1 25	1 13	20 26	0 1	15 58	0 24	8 32	1 33	2 46	15 52	17 0	16 36	10 58	7 10	1 25	
M 9	22 7	19 33	1 32	20 7	3 10	18 8	2 43	23 28	0 48	1 25	1 13	20 24	0 1	15 57	0 24	8 32	1 33	2 46	15 52	16 59	16 35	11 0	7 10	1 25	
T 10	21 59	20 15	2 40	20 9	3 9	18 22	2 42	23 24	0 48	1 25	1 13	20 23	0 1	15 57	0 24	8 32	1 33	2 46	15 51	16 58	16 34	11 2	7 10	1 24	
W 11	21 50	19 41	3 38	20 12	3 7	18 35	2 41	23 19	0 49	1 25	1 14	20 22	0 1	15 57	0 23	8 33	1 33	2 47	15 51	16 56	16 34	11 3	7 10	1 24	
T 12	21 41	17 58	4 22	20 16	3 3	18 48	2 39	23 14	0 49	1 25	1 14	20 20	0 1	15 57	0 23	8 33	1 33	2 47	15 51	16 54	16 33	11 5	7 10	1 24	
F 13	21 31	15 16	4 50	20 21	2 58	19 1	2 38	23 9	0 50	1 25	1 14	20 19	0 1	15 57	0 23	8 33	1 33	2 47	15 51	16 51	16 32	11 7	7 11	1 24	
S 14	21 21	11 51	5 2	20 27	2 52	19 13	2 36	23 4	0 50	1 25	1 14	20 18	0 1	15 57	0 23	8 33	1 34	2 47	15 50	16 47	16 31	11 8	7 11	1 24	
S 15	21 11	7 56	4 58	20 34	2 45	19 24	2 35	22 58	0 50	1 26	1 15	20 16	0 2	15 57	0 23	8 33	1 34	2 47	15 50	16 44	16 30	11 10	7 11	1 24	
M 16	21 0	3 47	4 40	20 41	2 37	19 35	2 33	22 53	0 51	1 26	1 15	20 15	0 2	15 56	0 23	8 33	1 34	2 48	15 50	16 41	16 29	11 12	7 12	1 24	
T 17	20 49	0s27	4 8	20 49	2 29	19 46	2 31	22 47	0 51	1 26	1 15	20 13	0 2	15 56	0 23	8 33	1 34	2 48	15 49	16 39	16 28	11 13	7 12	1 23	
W 18	20 37	4 34	3 26	20 56	2 20	19 57	2 29	22 40	0 52	1 27	1 16	20 12	0 2	15 56	0 23	8 33	1 34	2 48	15 49	16 37	16 27	11 15	7 12	1 23	
T 19	20 25	8 28	2 35	21 4	2 11	20 6	2 27	22 34	0 52	1 27	1 16	20 11	0 2	15 56	0 23	8 33	1 34	2 48	15 49	16 36	16 26	11 17	7 13	1 23	
F 20	20 12	0	1 38	21 11	2 2	20 16	2 25	22 27	0 53	1 28	1 16	20 9	0 2	15 56	0 23	8 33	1 34	2 48	15 48	16 36	16 25	11 18	7 13	1 23	
S 21	19 59	15 4	0 37	21 18	1 52	20 25	2 23	22 20	0 53	1 29	1 16	20 8	0 2	15 56	0 23	8 33	1 34	2 49	15 48	16 36	16 24	11 20	7 13	1 23	
S 22	19 46	17 32	0n26	21 25	1 43	20 33	2 21	22 13	0 53	1 30	1 17	20 6	0 2	15 56	0 23	8 33	1 34	2 49	15 48	16 36	16 23	11 22	7 14	1 23	
M 23	19 32	19 15	1 29	21 31	1 33	20 41	2 18	22 5	0 54	1 31	1 17	20 5	0 2	15 56	0 23	8 33	1 34	2 49	15 47	16 36	16 22	11 23	7 14	1 23	
T 24	19 18	20 6	2 29	21 37	1 23	20 48	2 16	21 58	0 54	1 32	1 17	20 3	0 2	15 56	0 23	8 33	1 34	2 49	15 47	16 35	16 22	11 25	7 15	1 22	
W 25	19 4	19 58	3 23	21 41	1 14	20 55	2 13	21 50	0 55	1 33	1 17	20 2	0 2	15 56	0 23	8 33	1 34	2 50	15 47	16 33	16 21	11 27	7 15	1 22	
T 26	18 49	18 47	4 8	21 45	1 4	21 1	2 11	21 41	0 55	1 34	1 18	20 1	0 2	15 56	0 23	8 33	1 34	2 50	15 46	16 31	16 20	11 28	7 16	1 22	
F 27	18 34	16 32	4 41	21 48	0 55	21 7	2 8	21 33	0 55	1 35	1 18	19 59	0 2	15 56	0 23	8 33	1 34	2 50	15 46	16 27	16 19	11 30	7 16	1 22	
S 28	18 19	13 20	4 58	21 50	0 45	21 12	2 5	21 24	0 56	1 36	1 18	19 58	0 2	15 57	0 23	8 33	1 34	2 51	15 46	16 24	16 18	11 32	7 17	1 22	
S 29	18 3	9 20	4 58	21 52	0 36	21 17	2 3	21 15	0 56	1 38	1 18	19 56	0 3	15 57	0 23	8 33	1 34	2 51	15 45	16 20	16 17	11 33	7 17	1 22	
M 30	17 47	4 46	4 40	21 52	0 27	21 21	2 0	21 6	0 57	1 39	1 19	19 55	0 3	15 57	0 23	8 33	1 34	2 51	15 45	16 16	16 16	11 35	7 18	1 22	
T 31	17s31	0n 7	4n 4	21s51	0n18	21s24	1n57	20s57	0s57	1n40	1n19	19s53	0s 3	15n57	0s23	8s33	1m35	2n51	15s45	16s14	16s15	11s37	7n18	1n21	

# ASTRODIENST EPHEMERIS for the year 2609

FEBRUARY 2609

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 44 12	11°38'10"	5°9' 9"	19°31'17"	0°33'35"	1°44' 4"	28°R46	1°13'13"	15°8' 7"	26°R 2	21°R35	14°R43	14°M51	26°A16	15°Y27	W 1
T 2	8 48 8	12°39'11"	19°26' 0"	20°35'14"	1°46' 1"	1°50' 0"	28°M43	1°20' 0"	15°8' 8"	26°A 1	21°R35	14°M39	14°R48	26°22' 2"	15°29' 2"	T 2
F 3	8 52 5	13°40'12"	3°37' 1"	21°55'25"	2°58' 2"	2°36' 0"	28°39' 1"	1°27' 0"	15°8' 8"	26°1' 1"	21°34' 1"	14°38' 1"	14°44' 1"	26°29' 1"	15°31' 1"	F 3
S 4	8 56 1	14°41'12"	17°41' 1"	23°15'44"	4°10' 4"	3°22' 0"	28°35' 1"	1°34' 0"	15°9' 9"	26°1' 1"	21°D34	14°38' 1"	14°41' 1"	26°36' 1"	15°33' 1"	S 4
S 5	8 59 58	15°42'11"	1°11'36"	24°37'52"	5°21' 5"	4°9' 9"	28°31' 1"	1°41' 0"	15°9' 9"	26°1' 1"	21°34' 1"	14°38' 1"	14°38' 1"	26°42' 1"	15°35' 1"	S 5
M 6	9 3 55	16°43'09"	15°24' 0"	26°0' 6"	6°33' 4"	4°55' 2"	28°27' 1"	1°48' 0"	15°10' 0"	26°0' 0"	21°34' 1"	14°36' 1"	14°35' 1"	26°49' 1"	15°38' 1"	M 6
T 7	9 7 51	17°44'06"	29°3' 3"	27°24' 7"	7°45' 5"	5°41' 2"	28°23' 1"	1°55' 0"	15°11' 0"	26°0' 0"	21°35' 1"	14°31' 1"	14°32' 1"	26°56' 1"	15°40' 1"	T 7
W 8	9 11 48	18°45'01"	12°34'34"	28°49'08"	8°57' 6"	6°27' 2"	28°18' 2"	2°15'12"	15°12' 0"	26°0' 0"	21°35' 1"	14°23' 1"	14°28' 1"	27°2' 2"	15°42' 2"	W 8
T 9	9 15 44	19°45'56"	25°55'00"	28°15'10"	10°9' 7"	7°14' 2"	28°13' 2"	2°9' 15°12"	15°12' 0"	25°59' 21°35'	14°12' 14°25'	27°9' 15°44'				T 9
F 10	9 19 41	20°46'49"	9°8' 5"	1°42'11"	11°21' 8"	8°0' 28°8'	2°16'15°13'	25°59'21°35'	14°0'14°22'	27°16'15°47'						F 10
S 11	9 23 37	21°47'42"	22°1' 3"	3°9'12°33'	8°46'28°3'	2°23'15°14'	25°58'21°35'	13°46'14°19'	27°22'15°49'							S 11
S 12	9 27 34	22°48'33"	4°11'44"	4°38'13°45'	9°33'27°58'	2°30'15°15'	25°58'21°35'	13°32'14°16'	27°29'15°51'							S 12
M13	9 31 30	23°49'24"	17°12' 6"	6°7'14°57'	10°19'27°53'	2°36'15°16'	25°57'21°35'	13°20'14°13'	27°35'15°54'							M13
T 14	9 35 27	24°50'13"	29°25' 7"	7°37'16°10'	11°6'27°47'	2°43'15°17'	25°57'21°35'	13°11'14°9'	27°42'15°56'							T 14
W15	9 39 24	25°51'01"	11°12'27"	9°8'17°22'	11°52'27°42'	2°50'15°19'	25°56'21°36'	13°4'14°6'	27°49'15°59'							W15
T 16	9 43 20	26°51'49"	23°20'10°40'	18°34'12°39'	27°36'2°57'	15°20'25°55'	21°36'13°0'	14°3'27°55'	16°1'27°55'							T 16
F 17	9 47 17	27°52'36"	5°11' 8"	12°12'19°47'	13°25'27°30'	3°3'15°21'	25°55'21°36'	12°58'14°0'	28°2'16°4'							F 17
S 18	9 51 13	28°53'21"	16°55'13°45'	20°59'14°12'	27°24'3°10'	15°22'25°54'	21°36'12°D58'	13°57'28°9'	16°7'28°9'							S 18
S 19	9 55 10	29°54'06"	28°48'15°19'	22°12'14°59'	27°18'3°17'	15°24'25°53'	21°37'12°R58'	13°53'28°15'	16°9'28°15'							S 19
M20	9 59 6	0°54'50"	10°12'51"	16°54'23°25'	15°45'27°12'	3°23'15°25'	25°52'21°37'	12°57'13°50'	28°22'16°12'							M20
T 21	10 3 3	1°55'33"	23°11'18°30'	24°37'16°32'	27°5'3°30'	15°26'25°52'	21°37'12°55'	13°47'28°29'	16°15'28°29'							T 21
W22	10 6 59	2°56'15"	5°35'20"	6°25°50'	17°19'26°59'	3°36'15°28'	25°51'21°38'	12°51'13°44'	28°35'16°17'							W22
T 23	10 10 56	3°56'56"	18°57'21°44'	27°3'18°5'	26°52'3°43'	15°29'25°50'	21°38'12°44'	13°41'28°42'	16°20'28°42'							T 23
F 24	10 14 53	4°57'35"	2°22'23°22'	28°15'18°52'	26°45'3°49'	15°31'25°49'	21°39'12°35'	13°38'28°49'	16°23'28°49'							F 24
S 25	10 18 49	5°58'14"	16°27'25°1'	29°28'19°39'	26°38'3°56'	15°33'25°48'	21°39'12°24'	13°34'28°55'	16°26'28°55'							S 25
S 26	10 22 46	6°58'51"	0°47'26°41'	0°41'20°26'	26°31'4°2'	15°34'25°47'	21°40'12°13'	13°31'29°2'	16°29'29°2'							S 26
M27	10 26 42	7°59'26"	15°24'28°21'	1°54'21°12'	26°24'4°8'	15°36'25°46'	21°40'12°3'	13°28'29°9'	16°32'29°9'							M27
T 28	10 30 39	9°1'00"	0°10'10"	0°3'3"	3°7'21°59'	26°17'4°15'	15°38'25°45'	21°40'11°M55'	13°M25'	29°A15'	16°Y35'					T 28

Day	☉	☾	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	17s14	4n59	3n12	21s49	0n10	21s27	1n54	20s47	0s57	1n42	1n19	19s52	0s 3	15n57	0s23	8s33	1n35	2n52	15s44	16s12	16s14	11s38	7n19	1n21	
T 2	16 57	9 34	2 9	21 46	0 1	21 30	1 51	20 37	0 58	1 44	1 20	19 50	0 3	15 57	0 23	8 33	1 35	2 52	15 44	16 11	16 13	11 40	7 20	1 21	
F 3	16 40	13 35	0 58	21 42	0s 7	21 31	1 48	20 27	0 58	1 45	1 20	19 49	0 3	15 57	0 23	8 33	1 35	2 52	15 44	16 10	16 12	11 41	7 20	1 21	
S 4	16 22	16 47	0s16	21 37	0 15	21 32	1 45	20 17	0 58	1 47	1 20	19 47	0 3	15 58	0 23	8 33	1 35	2 53	15 43	16 10	16 11	11 43	7 21	1 21	
S 5	16 4	18 58	1 28	21 30	0 23	21 33	1 42	20 6	0 59	1 49	1 20	19 46	0 3	15 58	0 23	8 32	1 35	2 53	15 43	16 10	16 10	11 45	7 22	1 21	
M 6	15 46	20 0	2 35	21 23	0 31	21 33	1 39	19 56	0 59	1 51	1 20	19 44	0 3	15 58	0 23	8 32	1 35	2 53	15 43	16 10	16 9	11 46	7 22	1 21	
T 7	15 28	19 50	3 32	21 14	0 38	21 32	1 36	19 45	0 59	1 53	1 21	19 43	0 3	15 58	0 23	8 32	1 35	2 54	15 42	16 8	16 9	11 48	7 23	1 21	
W 8	15 9	18 31	4 16	21 4	0 45	21 31	1 33	19 34	1 0	1 55	1 21	19 42	0 3	15 59	0 23	8 32	1 35	2 54	15 42	16 6	16 8	11 49	7 24	1 20	
T 9	14 50	16 13	4 45	20 53	0 52	21 29	1 29	19 22	1 0	1 57	1 21	19 40	0 3	15 59	0 23	8 32	1 35	2 54	15 42	16 3	16 7	11 51	7 25	1 20	
F 10	14 31	13 7	4 59	20 40	0 59	21 27	1 26	19 11	1 0	1 59	1 21	19 39	0 3	15 59	0 23	8 31	1 35	2 55	15 41	15 59	16 6	11 53	7 25	1 20	
S 11	14 12	9 26	4 57	20 27	1 5	21 24	1 23	18 59	1 1	2 1	1 22	19 37	0 3	15 59	0 23	8 31	1 35	2 55	15 41	15 55	16 5	11 54	7 26	1 20	
S 12	13 52	5 23	4 40	20 12	1 11	21 20	1 20	18 47	1 1	2 3	1 22	19 36	0 4	16 0	0 23	8 31	1 35	2 56	15 41	15 51	16 4	11 56	7 27	1 20	
M13	13 32	1 12	4 10	19 56	1 17	21 16	1 16	18 35	1 1	2 6	1 22	19 34	0 4	16 0	0 23	8 31	1 35	2 56	15 40	15 47	16 3	11 58	7 28	1 20	
T 14	13 12	2s58	3 29	19 38	1 23	21 11	1 13	18 22	1 2	2 8	1 22	19 33	0 4	16 0	0 23	8 30	1 35	2 56	15 40	15 44	16 2	11 59	7 29	1 20	
W15	12 52	6 57	2 39	19 20	1 28	21 5	1 9	18 10	1 2	2 11	1 22	19 31	0 4	16 1	0 23	8 30	1 35	2 57	15 39	15 42	16 1	12 1	7 29	1 20	
T 16	12 31	10 37	1 42	19 0	1 33	20 59	1 6	17 57	1 2	2 13	1 23	19 30	0 4	16 1	0 22	8 30	1 35	2 57	15 39	15 41	16 0	12 2	7 30	1 19	
F 17	12 10	13 50	0 42	18 39	1 38	20 52	1 3	17 44	1 2	2 16	1 23	19 28	0 4	16 1	0 22	8 30	1 35	2 58	15 39	15 41	15 59	12 4	7 31	1 19	
S 18	11 49	16 30	0n21	18 16	1 42	20 45	0 59	17 31	1 3	2 18	1 23	19 27	0 4	16 2	0 22	8 29	1 35	2 58	15 38	15 41	15 58	12 5	7 32	1 19	
S 19	11 28	18 28	1 23	17 53	1 46	20 37	0 56	17 17	1 3	2 21	1 23	19 25	0 4	16 2	0 22	8 29	1 36	2 58	15 38	15 41	15 57	12 7	7 33	1 19	
M20	11 7	19 38	2 23	17 28	1 50	20 28	0 52	17 4	1 3	2 23	1 23	19 24	0 4	16 3	0 22	8 29	1 36	2 59	15 38	15 41	15 56	12 9	7 34	1 19	
T 21	10 45	19 54	3 17	17 2	1 53	20 19	0 49	16 50	1 3	2 26	1 24	19 23	0 4	16 3	0 22	8 28	1 36	2 59	15 37	15 40	15 55	12 10	7 35	1 19	
W22	10 24	19 11	4 3	16 34	1 57	20 10	0 46	16 36	1 4	2 29	1 24	19 21	0 4	16 4	0 22	8 28	1 36	3 0	15 37	15 39	15 54	12 12	7 36	1 19	
T 23	10 2	17 26	4 38	16 6	1 59	19 59	0 42	16 22	1 4	2 32	1 24	19 20	0 4	16 4	0 22	8 28	1 36	3 0	15 37	15 36	15 54	12 13	7 37	1 19	
F 24	9 40	14 41	4 58	15 36	2 2	19 48	0 39	16 8	1 4	2 34	1 24	19 18	0 4	16 5	0 22	8 27	1 36	3 0	15 36	15 34	15 53	12 15	7 38	1 19	
S 25	9 17	11 2	5 2	15 5	2 4	19 37	0 35	15 54	1 4	2 37	1 24	19 17	0 5	16 5	0 22	8 27	1 36	3 1	15 36	15 30	15 52	12 16	7 39	1 18	
S 26	8 55	6 40	4 48	14 33	2 5	19 25	0 32	15 39	1 5	2 40	1 24	19 15	0 5	16 6	0 22	8 27	1 36	3 1	15 36	15 27	15 51	12 18	7 40	1 18	
M27	8 33	1 50	4 14	13 59	2 7	19 12	0 29	15 24	1 5	2 43	1 25	19 14	0 5	16 6	0 22	8 26	1 36	3 2	15 35	15 24	15 50	12 20	7 41	1 18	
T 28	8s10	3n10	3n23	13s24	2s 7	18s59	0n25	15s10	1s 5	2n46	1n25	19s13	0s 5	16n 7	0s22	8s26	1n36	3n 2	15s35	15s21	15s49	12s21	7n42	1n18	

Julian Day Number = 2674008.5, Delta T = 20m48s  
 Ecliptic obliquity

## ASTRODIENST EPHEMERIS for the year 2609

MARCH 2609

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	10 34 35	10 <sup>h</sup> 0'33"	14 <sup>h</sup> 57'	1 <sup>h</sup> 46'	4 <sup>h</sup> 20'	22 <sup>h</sup> 46'	26°R10	4 <sup>h</sup> 21'	15 <sup>h</sup> 40'	25°R44	21 <sup>h</sup> 41'	11°R49	13 <sup>h</sup> 22'	29 <sup>h</sup> 22'	16 <sup>h</sup> 38'	W 1
T 2	10 38 32	11° 1'03"	29°37'	3°29'	5°33'	23°33'	26 <sup>h</sup> 13'	4°27'	15°41'	25 <sup>h</sup> 43'	21°42'	11 <sup>h</sup> 47'	13°19'	29°28'	16°41'	T 2
F 3	10 42 28	12° 1'32"	14 <sup>h</sup> 8'	5°13'	6°45'	24°20'	25°55'	4°33'	15°43'	25°42'	21°42'	11°D46	13°15'	29°35'	16°44'	F 3
S 4	10 46 25	13° 2'00"	28°20'	6°59'	7°58'	25° 7'	25°48'	4°39'	15°45'	25°41'	21°43'	11°47'	13°12'	29°42'	16°47'	S 4
S 5	10 50 22	14° 2'25"	12 <sup>h</sup> 18'	8°45'	9°12'	25°54'	25°40'	4°45'	15°47'	25°40'	21°43'	11°R47	13° 9'	29°48'	16°50'	S 5
M 6	10 54 18	15° 2'49"	26° 0'	10°32'	10°25'	26°41'	25°33'	4°51'	15°49'	25°39'	21°44'	11°47'	13° 6'	29°55'	16°53'	M 6
T 7	10 58 15	16° 3'10"	9 <sup>h</sup> 27'	12°21'	11°38'	27°27'	25°25'	4°57'	15°51'	25°38'	21°45'	11°44'	13° 3'	0 <sup>h</sup> 12'	16°56'	T 7
W 8	11 2 11	17° 3'30"	22°40'	14°10'	12°51'	28°14'	25°17'	5° 3'	15°54'	25°37'	21°45'	11°39'	12°59'	0° 8'	16°59'	W 8
T 9	11 6 8	18° 3'48"	5 <sup>h</sup> 40'	16° 0'	14° 4'	29° 1'	25°10'	5° 9'	15°56'	25°35'	21°46'	11°32'	12°56'	0°15'	17° 3'	T 9
F 10	11 10 4	19° 4'03"	18°27'	17°51'	15°17'	29°48'	25° 2'	5°15'	15°58'	25°34'	21°47'	11°23'	12°53'	0°22'	17° 6'	F 10
S 11	11 14 1	20° 4'17"	1 <sup>h</sup> 3'	19°43'	16°30'	0 <sup>h</sup> 35'	24°54'	5°20'	16° 0'	25°33'	21°47'	11°13'	12°50'	0°28'	17° 9'	S 11
S 12	11 17 57	21° 4'29"	13°28'	21°36'	17°43'	1°22'	24°46'	5°26'	16° 2'	25°32'	21°48'	11° 3'	12°47'	0°35'	17°12'	S 12
M13	11 21 54	22° 4'39"	25°42'	23°30'	18°57'	2° 9'	24°39'	5°32'	16° 5'	25°30'	21°49'	10°55'	12°44'	0°42'	17°16'	M13
T 14	11 25 51	23° 4'48"	7 <sup>h</sup> 47'	25°24'	20°10'	2°56'	24°31'	5°37'	16° 7'	25°29'	21°49'	10°48'	12°40'	0°48'	17°19'	T 14
W15	11 29 47	24° 4'55"	19°43'	27°19'	21°23'	3°43'	24°23'	5°43'	16° 9'	25°28'	21°50'	10°43'	12°37'	0°55'	17°22'	W15
T 16	11 33 44	25° 5'00"	1 <sup>h</sup> 33'	29°15'	22°36'	4°30'	24°15'	5°48'	16°12'	25°26'	21°51'	10°41'	12°34'	1° 2'	17°26'	T 16
F 17	11 37 40	26° 5'03"	13°20'	1°12'	23°50'	5°17'	24° 7'	5°54'	16°14'	25°25'	21°52'	10°D40	12°31'	1° 8'	17°29'	F 17
S 18	11 41 37	27° 5'05"	25° 7'	3° 8'	25° 3'	6° 4'	23°59'	5°59'	16°17'	25°24'	21°53'	10°41'	12°28'	1°15'	17°32'	S 18
S 19	11 45 33	28° 5'06"	7 <sup>h</sup> 0'	5° 5'	26°16'	6°51'	23°52'	6° 4'	16°19'	25°22'	21°54'	10°43'	12°24'	1°21'	17°36'	S 19
M20	11 49 30	29° 5'04"	19° 2'	7° 2'	27°30'	7°39'	23°44'	6° 9'	16°22'	25°21'	21°54'	10°44'	12°21'	1°28'	17°39'	M20
T 21	11 53 26	0 <sup>h</sup> 5'02"	1 <sup>h</sup> 19'	8°59'	28°43'	8°26'	23°36'	6°15'	16°24'	25°19'	21°55'	10°R45	12°18'	1°35'	17°43'	T 21
W22	11 57 23	1° 4'57"	13°56'	10°56'	29°56'	9°13'	23°28'	6°20'	16°27'	25°18'	21°56'	10°44'	12°15'	1°41'	17°46'	W22
T 23	12 1 19	2° 4'51"	26°58'	12°51'	1 <sup>h</sup> 10'	10° 0'	23°21'	6°25'	16°30'	25°16'	21°57'	10°41'	12°12'	1°48'	17°49'	T 23
F 24	12 5 16	3° 4'43"	10 <sup>h</sup> 27'	14°46'	2°23'	10°47'	23°13'	6°30'	16°32'	25°15'	21°58'	10°37'	12° 9'	1°55'	17°53'	F 24
S 25	12 9 13	4° 4'34"	24°24'	16°39'	3°37'	11°34'	23° 5'	6°34'	16°35'	25°13'	21°59'	10°32'	12° 5'	2° 1'	17°56'	S 25
S 26	12 13 9	5° 4'23"	8 <sup>h</sup> 48'	18°30'	4°50'	12°21'	22°58'	6°39'	16°38'	25°12'	22° 0'	10°26'	12° 2'	2° 8'	18° 0'	S 26
M27	12 17 6	6° 4'09"	23°34'	20°18'	6° 4'	13° 8'	22°50'	6°44'	16°41'	25°10'	22° 1'	10°21'	11°59'	2°15'	18° 3'	M27
T 28	12 21 2	7° 3'55"	8 <sup>h</sup> 34'	22° 4'	7°17'	13°55'	22°43'	6°49'	16°43'	25° 9'	22° 2'	10°17'	11°56'	2°21'	18° 7'	T 28
W29	12 24 59	8° 3'38"	23°41'	23°47'	8°30'	14°42'	22°35'	6°53'	16°46'	25° 7'	22° 3'	10°14'	11°53'	2°28'	18°10'	W29
T 30	12 28 55	9° 3'19"	8 <sup>h</sup> 44'	25°26'	9°44'	15°29'	22°28'	6°58'	16°49'	25° 6'	22° 4'	10°D13	11°50'	2°35'	18°14'	T 30
F 31	12 32 52	10 <sup>h</sup> 2'58"	23 <sup>h</sup> 35'	27 <sup>h</sup> 0'	10 <sup>h</sup> 57'	16 <sup>h</sup> 16'	22 <sup>h</sup> 21'	7 <sup>h</sup> 2'	16 <sup>h</sup> 52'	25 <sup>h</sup> 4'	22 <sup>h</sup> 5'	10 <sup>h</sup> 14'	11 <sup>h</sup> 46'	2 <sup>h</sup> 41'	18 <sup>h</sup> 17'	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	7s47	8n 0	2n18	12s48	2s 8	18s46	0n22	14s54	1s 5	2n49	1n25	19s11	0s 5	16n 7	0s22	8s25	1n36	3n 3	15s35	15s20	15s48	12s23	7n43	1n18			
T 2	7 25	12 18	1 5	12 11	2 8	18 31	0 18	14 39	1 5	2 52	1 25	19 10	0 5	16 8	0 22	8 25	1 36	3 3	15 34	15 19	15 47	12 24	7 44	1 18			
F 3	7 2	15 49	0s13	11 33	2 8	18 17	0 15	14 24	1 6	2 55	1 25	19 8	0 5	16 8	0 22	8 25	1 36	3 3	15 34	15 19	15 46	12 26	7 45	1 18			
S 4	6 39	18 18	1 28	10 53	2 7	18 1	0 12	14 8	1 6	2 58	1 25	19 7	0 5	16 9	0 22	8 24	1 36	3 4	15 34	15 19	15 45	12 27	7 46	1 18			
S 5	6 16	19 37	2 36	10 12	2 6	17 46	0 9	13 53	1 6	3 1	1 25	19 6	0 5	16 10	0 22	8 24	1 36	3 4	15 33	15 19	15 44	12 29	7 47	1 18			
M 6	5 52	19 44	3 34	9 30	2 4	17 29	0 5	13 37	1 6	3 4	1 26	19 4	0 5	16 10	0 22	8 23	1 36	3 5	15 33	15 19	15 43	12 30	7 48	1 17			
T 7	5 29	18 43	4 19	8 47	2 2	17 12	0 2	13 21	1 6	3 8	1 26	19 3	0 5	16 11	0 22	8 23	1 36	3 5	15 33	15 18	15 42	12 32	7 49	1 17			
W 8	5 6	16 42	4 50	8 2	1 59	16 55	0s 1	13 5	1 7	3 11	1 26	19 2	0 5	16 11	0 22	8 22	1 36	3 6	15 33	15 17	15 41	12 33	7 51	1 17			
T 9	4 42	13 52	5 5	7 17	1 56	16 37	0 4	12 49	1 7	3 14	1 26	19 0	0 5	16 12	0 22	8 22	1 36	3 6	15 32	15 14	15 40	12 35	7 52	1 17			
F 10	4 19	10 25	5 4	6 30	1 52	16 19	0 8	12 33	1 7	3 17	1 26	18 59	0 6	16 13	0 22	8 21	1 36	3 7	15 32	15 12	15 39	12 37	7 53	1 17			
S 11	3 55	6 34	4 48	5 43	1 48	16 0	0 11	12 16	1 7	3 20	1 26	18 58	0 6	16 13	0 22	8 21	1 36	3 7	15 32	15 9	15 38	12 38	7 54	1 17			
S 12	3 32	2 29	4 19	4 54	1 43	15 41	0 14	12 0	1 7	3 23	1 26	18 56	0 6	16 14	0 22	8 20	1 36	3 8	15 31	15 6	15 37	12 40	7 55	1 17			
M13	3 8	1s39	3 38	4 4	1 38	15 22	0 17	11 43	1 7	3 26	1 26	18 55	0 6	16 15	0 22	8 20	1 37	3 8	15 31	15 3	15 36	12 41	7 56	1 17			
T 14	2 44	5 39	2 48	3 14	1 32	15 2	0 20	11 26	1 7	3 30	1 26	18 54	0 6	16 15	0 22	8 19	1 37	3 8	15 31	15 1	15 35	12 43	7 57	1 17			
W15	2 21	9 24	1 51	2 22	1 25	14 41	0 23	11 10	1 7	3 33	1 26	18 52	0 6	16 16	0 22	8 19	1 37	3 9	15 30	14 59	15 34	12 44	7 59	1 17			
T 16	1 57	12 45	0 49	1 30	1 18	14 20	0 26	10 53	1 8	3 36	1 26	18 51	0 6	16 17	0 22	8 18	1 37	3 9	15 30	14 59	15 33	12 46	8 0	1 16			
F 17	1 33	15 33	0n14	0 36	1 11	13 59	0 28	10 35	1 8	3 39	1 26	18 50	0 6	16 17	0 22	8 18	1 37	3 10	15 30	14 58	15 32	12 47	8 1	1 16			
S 18	1 9	17 43	1 18	0n17	1 2	13 37	0 31	10 18	1 8	3 42	1 26	18 49	0 6	16 18	0 22	8 17	1 37	3 10	15 30	14 59	15 32	12 49	8 2	1 16			
S 19	0 46	19 8	2 18	1 12	0 54	13 15	0 34	10 1	1 8	3 45	1 26	18 48	0 6	16 19	0 22	8 17	1 37	3 11	15 29	14 59	15 31	12 50	8 3	1 16			
M20	0 22	19 42	3 13	2 6	0 44	12 53	0 37	9 44	1 8	3 48	1 26	18 46	0 6	16 20	0 22	8 16	1 37	3 11	15 29	15 0	15 30	12 52	8 5	1 16			
T 21	0n 2	19 20	4 1	3 1	0 35	12 30	0 39	9 26	1 8	3 51	1 26	18 45	0 6	16 20	0 22	8 16	1 37	3 12	15 29	15 0	15 29	12 53	8 6	1 16			
W22	0 26	18 1	4 38	3 56	0 24	12 7	0 42	9 9	1 8	3 54	1 26	18 44	0 6	16 21	0 22	8 15	1 37	3 12	15 28	15 0	15 28	12 55	8 7	1 16			
T 23	0 49	15 44	5 3	4 51	0 14	11 43	0 45	8 51	1 8	3 58	1 26	18 43	0 7	16 22	0 22	8 14	1 37	3 13	15 28	14 59	15 27	12 56	8 8	1 16			
F 24	1 13	12 33	5 11	5 46	0 2	11 19	0 47	8 33	1 8	4 1	1 26	18 42	0 7	16 23	0 22	8 14	1 37	3 13	15 28	14 57	15 26	12 57	8 10	1 16			
S 25	1 37	8 35	5 3	6 40	0n 9	10 55	0 50	8 15	1 8	4 4	1 26	18 41	0 7	16 24	0 22	8 13	1 37	3 14	15 28	14 56	15 25	12 59	8 11	1 16			
S 26	2 1	4 0	4 35	7 33	0 21	10 31	0 52	7 57	1 8	4 7	1 26	18 39	0 7	16 24	0 22	8 13	1 37	3 14	15 27	14 54	15 24	13 0	8 12	1 16			
M27	2 24	0n56	3 48	8 25	0 33	10 6	0 54	7 39	1 8	4 9	1 26	18 38	0 7	16 25	0 22	8 12	1 37	3 15	15 27	14 52	15 23	13 2	8 13	1 16			
T 28	2 48	5 55	2 45	9 17	0 46	9 41	0 57	7 21	1 8	4 12	1 26	18 37	0 7	16 26	0 22	8 12	1 37	3 15	15 27	14 51	15 22	13 3	8 15	1 15			
W29	3 11	10 33	1 29	10 6	0 58	9 16	0 59	7 3	1 8	4 15	1 26	18 36	0 7	16 27	0 22	8 11	1 37	3 16	15 27	14 50	15 21	13 5	8 16	1 15			
T 30	3 35	14 29	0 8	10 54	1 1	8 50	1 1	6 45	1 8	4 18	1 26	18 35	0 7	16 28	0 22	8 10	1 37	3 16	15 26	14 50	15 20	13 6	8 17	1 15			
F 31	3n58	17n26	1s13	11n40	1n23	8s25	1s 3	6s27	1s 8	4n21	1n26	18s34	0s 7	16n29	0s21	8s10	1n37	3n17	15s26	14s50	15s19	13s 8	8n18	1n19			

## ASTRODIENST EPHEMERIS for the year 2609

APRIL 2609

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 36 48	11° 2'35	8° 8	28° 31	12° 11	17° 3	22° 14	7° 6	16° 55	25° 2	22° 6	10° 15	11° 43	2° 48	18° 21	S 1
S 2	12 40 45	12° 2'09	22° 20	29° 56	13° 24	17° 50	22° 7	7° 11	16° 58	25° 1	22° 7	10° 17	11° 40	2° 55	18° 25	S 2
M 3	12 44 42	13° 1'42	6° 9	1° 15	14° 38	18° 38	22° 0	7° 15	17° 1	24° 59	22° 8	10° 18	11° 37	3° 1	18° 28	M 3
T 4	12 48 38	14° 1'12	19° 36	2° 29	15° 51	19° 25	21° 53	7° 19	17° 4	24° 58	22° 9	10° 18	11° 34	3° 8	18° 32	T 4
W 5	12 52 35	15° 0'39	2° 42	3° 36	17° 5	20° 12	21° 46	7° 23	17° 7	24° 56	22° 11	10° 17	11° 30	3° 14	18° 35	W 5
T 6	12 56 31	16° 0'05	15° 31	4° 37	18° 18	20° 59	21° 40	7° 27	17° 10	24° 54	22° 12	10° 14	11° 27	3° 21	18° 39	T 6
F 7	13 0 28	16° 59'28	28° 4	5° 31	19° 32	21° 46	21° 33	7° 31	17° 13	24° 53	22° 13	10° 11	11° 24	3° 28	18° 42	F 7
S 8	13 4 24	17° 58'49	10° 24	6° 19	20° 45	22° 33	21° 27	7° 35	17° 16	24° 51	22° 14	10° 7	11° 21	3° 34	18° 46	S 8
S 9	13 8 21	18° 58'07	22° 34	6° 59	21° 59	23° 20	21° 21	7° 39	17° 19	24° 50	22° 15	10° 4	11° 18	3° 41	18° 49	S 9
M10	13 12 17	19° 57'24	4° 36	7° 32	23° 12	24° 7	21° 14	7° 42	17° 22	24° 48	22° 16	10° 1	11° 15	3° 48	18° 53	M10
T 11	13 16 14	20° 56'38	16° 31	7° 57	24° 26	24° 54	21° 8	7° 46	17° 26	24° 46	22° 17	9° 58	11° 11	3° 54	18° 57	T 11
W12	13 20 11	21° 55'51	28° 21	8° 16	25° 40	25° 41	21° 2	7° 49	17° 29	24° 45	22° 19	9° 57	11° 8	4° 1	19° 0	W12
T 13	13 24 7	22° 55'01	10° 9	8° 27	26° 53	26° 28	20° 57	7° 53	17° 32	24° 43	22° 20	9° 56	11° 5	4° 8	19° 4	T 13
F 14	13 28 4	23° 54'10	21° 56	8° 31	28° 7	27° 14	20° 51	7° 56	17° 35	24° 41	22° 21	9° 57	11° 2	4° 14	19° 7	F 14
S 15	13 32 0	24° 53'16	3° 47	8° 28	29° 20	28° 1	20° 46	7° 59	17° 38	24° 40	22° 22	9° 58	10° 59	4° 21	19° 11	S 15
S 16	13 35 57	25° 52'21	15° 43	8° 18	0° 34	28° 48	20° 40	8° 2	17° 42	24° 38	22° 23	9° 59	10° 56	4° 28	19° 14	S 16
M17	13 39 53	26° 51'24	27° 48	8° 2	1° 47	29° 35	20° 35	8° 5	17° 45	24° 36	22° 25	10° 0	10° 52	4° 34	19° 18	M17
T 18	13 43 50	27° 50'26	10° 6	7° 40	3° 1	0° 22	20° 30	8° 8	17° 48	24° 35	22° 26	10° 1	10° 49	4° 41	19° 21	T 18
W19	13 47 46	28° 49'25	22° 42	7° 13	4° 14	1° 9	20° 25	8° 11	17° 52	24° 33	22° 27	10° 2	10° 46	4° 47	19° 25	W19
T 20	13 51 43	29° 48'23	5° 39	6° 41	5° 28	1° 56	20° 20	8° 14	17° 55	24° 31	22° 28	10° 2	10° 43	4° 54	19° 28	T 20
F 21	13 55 40	0° 34'19	19° 1	6° 5	6° 42	2° 43	20° 16	8° 17	17° 58	24° 30	22° 30	10° 2	10° 40	5° 1	19° 32	F 21
S 22	13 59 36	1° 46'14	2° 49	5° 26	7° 55	3° 29	20° 11	8° 19	18° 2	24° 28	22° 31	10° 1	10° 36	5° 7	19° 35	S 22
S 23	14 3 33	2° 45'06	17° 3	4° 44	9° 9	4° 16	20° 7	8° 22	18° 5	24° 27	22° 32	10° 0	10° 33	5° 14	19° 39	S 23
M24	14 7 29	3° 43'57	1° 42	4° 0	10° 22	5° 3	20° 3	8° 24	18° 8	24° 25	22° 34	9° 59	10° 30	5° 21	19° 42	M24
T 25	14 11 26	4° 42'46	16° 40	3° 16	11° 36	5° 50	19° 59	8° 27	18° 12	24° 23	22° 35	9° 59	10° 27	5° 27	19° 46	T 25
W26	14 15 22	5° 41'34	1° 50	2° 32	12° 49	6° 37	19° 55	8° 29	18° 15	24° 22	22° 36	9° 58	10° 24	5° 34	19° 49	W26
T 27	14 19 19	6° 40'19	17° 2	1° 48	14° 3	7° 23	19° 52	8° 31	18° 18	24° 20	22° 37	9° 58	10° 21	5° 41	19° 53	T 27
F 28	14 23 15	7° 39'03	2° 7	1° 6	15° 17	8° 10	19° 48	8° 33	18° 22	24° 18	22° 39	9° 59	10° 17	5° 47	19° 56	F 28
S 29	14 27 12	8° 37'44	16° 57	0° 27	16° 30	8° 57	19° 45	8° 35	18° 25	24° 17	22° 40	9° 59	10° 14	5° 54	20° 0	S 29
S 30	14 31 8	9° 36'23	1° 24	29° 50	17° 44	9° 43	19° 42	8° 37	18° 29	24° 15	22° 41	9° 59	10° 11	6° 1	20° 3	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	lat
S 1	4n21	19n10	2s27	12n24	1n35	7s59	1s 5	6s 9	1s 8	4n24	1n26	18s33	0s 7	16n29	0s21	8s 9	1n37	3n17	15s26	14s51
S 2	4 45	19 38	3 31	13 5	1 47	7 32	1 7	5 50	1 8	4 26	1 26	18 32	0 7	16 30	0 21	8 9	1 37	3 17	15 26	14 51
M 3	5 8	18 53	4 21	13 44	1 59	7 6	1 9	5 32	1 8	4 29	1 26	18 31	0 7	16 31	0 21	8 8	1 37	3 18	15 26	14 51
T 4	5 31	17 5	4 54	14 20	2 10	6 39	1 11	5 14	1 8	4 32	1 26	18 30	0 8	16 32	0 21	8 7	1 37	3 18	15 25	14 51
W 5	5 54	14 25	5 12	14 53	2 21	6 12	1 13	4 55	1 8	4 34	1 26	18 29	0 8	16 33	0 21	8 7	1 37	3 19	15 25	14 51
T 6	6 16	11 8	5 13	15 23	2 30	5 45	1 15	4 37	1 8	4 37	1 26	18 28	0 8	16 34	0 21	8 6	1 37	3 19	15 25	14 50
F 7	6 39	7 25	5 0	15 49	2 39	5 18	1 16	4 18	1 8	4 39	1 26	18 27	0 8	16 35	0 21	8 6	1 37	3 20	15 25	14 49
S 8	7 2	3 26	4 32	16 13	2 47	4 51	1 18	3 59	1 8	4 42	1 26	18 26	0 8	16 35	0 21	8 5	1 37	3 20	15 25	14 48
S 9	7 24	0s37	3 53	16 33	2 54	4 23	1 19	3 41	1 8	4 44	1 26	18 26	0 8	16 36	0 21	8 4	1 37	3 21	15 24	14 47
M10	7 47	4 37	3 3	16 49	3 0	3 56	1 21	3 22	1 8	4 46	1 26	18 25	0 8	16 37	0 21	8 4	1 37	3 21	15 24	14 46
T 11	8 9	8 25	2 6	17 2	3 5	3 28	1 22	3 4	1 8	4 49	1 25	18 24	0 8	16 38	0 21	8 3	1 37	3 22	15 24	14 45
W12	8 31	11 51	1 4	17 11	3 9	3 0	1 24	2 45	1 8	4 51	1 25	18 23	0 8	16 39	0 21	8 3	1 37	3 22	15 24	14 45
T 13	8 53	14 48	0n 1	17 17	3 11	2 32	1 25	2 26	1 8	4 53	1 25	18 22	0 8	16 40	0 21	8 2	1 37	3 23	15 24	14 45
F 14	9 15	17 8	1 6	17 19	3 12	2 4	1 26	2 8	1 8	4 55	1 25	18 22	0 8	16 41	0 21	8 1	1 37	3 23	15 23	14 45
S 15	9 36	18 44	2 8	17 17	3 11	1 36	1 27	1 49	1 7	4 57	1 25	18 21	0 9	16 42	0 21	8 1	1 37	3 23	15 23	14 45
S 16	9 58	19 31	3 6	17 12	3 9	1 8	1 28	1 30	1 7	4 59	1 25	18 20	0 9	16 43	0 21	8 0	1 37	3 24	15 23	14 46
M17	10 19	19 25	3 56	17 3	3 5	0 39	1 29	1 11	1 7	5 1	1 25	18 19	0 9	16 44	0 21	8 0	1 37	3 24	15 23	14 46
T 18	10 40	18 24	4 35	16 51	2 59	0 11	1 30	0 53	1 7	5 3	1 25	18 19	0 9	16 45	0 21	7 59	1 37	3 25	15 23	14 46
W19	11 1	16 28	5 3	16 35	2 52	0n17	1 31	0 34	1 7	5 5	1 25	18 18	0 9	16 45	0 21	7 58	1 37	3 25	15 23	14 47
T 20	11 22	13 40	5 17	16 17	2 44	0 46	1 32	0 15	1 7	5 7	1 24	18 17	0 9	16 46	0 21	7 58	1 37	3 26	15 22	14 47
F 21	11 43	10 6	5 14	15 55	2 34	1 14	1 32	0n 3	1 7	5 8	1 24	18 17	0 9	16 47	0 21	7 57	1 37	3 26	15 22	14 46
S 22	12 3	5 53	4 53	15 31	2 22	1 43	1 33	0 22	1 6	5 10	1 24	18 16	0 9	16 48	0 21	7 57	1 37	3 27	15 22	14 46
S 23	12 23	1 12	4 14	15 5	2 10	2 11	1 33	0 41	1 6	5 11	1 24	18 16	0 9	16 49	0 21	7 56	1 37	3 27	15 22	14 46
M24	12 43	3n42	3 17	14 38	1 56	2 39	1 34	0 59	1 6	5 13	1 24	18 15	0 9	16 50	0 21	7 55	1 37	3 27	15 22	14 46
T 25	13 3	8 28	2 6	14 9	1 41	3 8	1 34	1 18	1 6	5 14	1 24	18 15	0 9	16 51	0 21	7 55	1 37	3 28	15 22	14 45
W26	13 22	12 47	0 45	13 39	1 26	3 36	1 34	1 37	1 6	5 15	1 23	18 14	0 10	16 52	0 21	7 54	1 37	3 28	15 22	14 45
T 27	13 42	16 14	0s39	13 9	1 9	4 4	1 35	1 55	1 5	5 17	1 23	18 14	0 10	16 53	0 21	7 54	1 37	3 29	15 22	14 45
F 28	14 1	18 33	2 0	12 39	0 53	4 32	1 35	2 14	1 5	5 18	1 23	18 13	0 10	16 54	0 21	7 53	1 37	3 29	15 21	14 45
S 29	14 20	19 32	3 12	12 9	0 36	5 0	1 35	2 32	1 5	5 19	1 23	18 13	0 10	16 55	0 21	7 53	1 37	3 29	15 21	14 45
S 30	14n38	19n12	4s 9	11n40	0n19	5n28	1s35	2n51	1s 5	5n20	1n23	18s12	0s10	16n56	0s21	7s52	1n37	3n30	15s21	14s45

Julian Day Number = 2674067.5, Delta T = 20m48s

Ecliptic obliquity = 23°21'30, Nutation = 0°00'11

Ayanamsha: Fagan/Bradley = 33°15'43, Lahiri = 32°22'43

# ASTRODIENST EPHEMERIS for the year 2609

MAY 2609

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 35 5	10♈35'01	15♊25	29°R17	18°V57	10°Y30	19°R39	8♌39	18♈32	24°R14	22♊43	9°R59	10♌8	6♍7	20°V7	M 1
T 2	14 39 2	11°33'36	29° 1	28°Y48	20°11	11°16	19°R37	8°40	18°36	24♌12	22°44	9°R59	10° 5	6°14	20°10	T 2
W 3	14 42 58	12°32'08	12♊10	28°23	21°24	12° 3	19°34	8°42	18°39	24°11	22°45	9°D59	10° 2	6°21	20°13	W 3
T 4	14 46 55	13°30'39	24°57	28° 2	22°38	12°49	19°32	8°43	18°42	24° 9	22°47	9°59	9°58	6°27	20°17	T 4
F 5	14 50 51	14°29'07	7♎25	27°47	23°52	13°36	19°30	8°45	18°46	24° 8	22°48	9°59	9°55	6°34	20°20	F 5
S 6	14 54 48	15°27'33	19°38	27°36	25° 5	14°22	19°28	8°46	18°49	24° 6	22°49	9°59	9°52	6°40	20°23	S 6
S 7	14 58 44	16°25'58	1♊39	27°30	26°19	15° 9	19°26	8°47	18°53	24° 5	22°51	10° 0	9°49	6°47	20°27	S 7
M 8	15 2 41	17°24'20	13°32	27°D29	27°32	15°55	19°24	8°48	18°56	24° 3	22°52	10° 1	9°46	6°54	20°30	M 8
T 9	15 6 37	18°22'40	25°21	27°33	28°46	16°42	19°23	8°49	19° 0	24° 2	22°54	10° 1	9°42	7° 0	20°33	T 9
W10	15 10 34	19°20'59	7♌8	27°42	29°59	17°28	19°22	8°50	19° 3	24° 0	22°55	10°R 2	9°39	7° 7	20°36	W10
T 11	15 14 31	20°19'15	18°57	27°55	1♊13	18°14	19°21	8°51	19° 7	23°59	22°56	10° 2	9°36	7°14	20°39	T 11
F 12	15 18 27	21°17'30	0♈48	28°13	2°26	19° 0	19°20	8°52	19°10	23°57	22°58	10° 1	9°33	7°20	20°43	F 12
S 13	15 22 24	22°15'43	12°45	28°36	3°40	19°47	19°19	8°52	19°13	23°56	22°59	10° 0	9°30	7°27	20°46	S 13
S 14	15 26 20	23°13'55	24°50	29° 3	4°53	20°33	19°18	8°53	19°17	23°54	23° 0	9°58	9°27	7°34	20°49	S 14
M15	15 30 17	24°12'05	7♊4	29°34	6° 7	21°19	19°18	8°53	19°20	23°53	23° 2	9°56	9°23	7°40	20°52	M15
T 16	15 34 13	25°10'14	19°30	0♊9	7°20	22° 5	19°D18	8°54	19°24	23°52	23° 3	9°54	9°20	7°47	20°55	T 16
W17	15 38 10	26° 8'21	2♌11	0°48	8°34	22°51	19°18	8°54	19°27	23°50	23° 4	9°52	9°17	7°54	20°58	W17
T 18	15 42 6	27° 6'27	15° 9	1°31	9°47	23°37	19°18	8°54	19°31	23°49	23° 6	9°51	9°14	8° 0	21° 1	T 18
F 19	15 46 3	28° 4'31	28°27	2°17	11° 1	24°23	19°19	8°R54	19°34	23°48	23° 7	9°D51	9°11	8° 7	21° 4	F 19
S 20	15 50 0	29° 2'34	12♈6	3° 7	12°15	25° 9	19°19	8°54	19°38	23°46	23° 8	9°51	9° 7	8°13	21° 7	S 20
S 21	15 53 56	0♈35	26° 8	4° 1	13°28	25°55	19°20	8°54	19°41	23°45	23°10	9°52	9° 4	8°20	21°10	S 21
M22	15 57 53	0°58'36	10°Y31	4°57	14°42	26°41	19°21	8°53	19°44	23°44	23°11	9°53	9° 1	8°27	21°13	M22
T 23	16 1 49	1°56'35	25°14	5°57	15°55	27°27	19°22	8°53	19°48	23°43	23°12	9°54	8°58	8°33	21°16	T 23
W24	16 5 46	2°54'33	10♈12	6°59	17° 9	28°13	19°24	8°52	19°51	23°42	23°14	9°R55	8°55	8°40	21°19	W24
T 25	16 9 42	3°52'29	25°16	8° 4	18°22	28°59	19°25	8°52	19°55	23°40	23°15	9°54	8°52	8°47	21°22	T 25
F 26	16 13 39	4°50'24	10♈19	9°13	19°36	29°44	19°27	8°51	19°58	23°39	23°17	9°53	8°48	8°53	21°24	F 26
S 27	16 17 35	5°48'18	25°12	10°24	20°49	0♊30	19°29	8°51	20° 1	23°38	23°18	9°50	8°45	9° 0	21°27	S 27
S 28	16 21 32	6°46'10	9♊46	11°37	22° 3	1°16	19°31	8°50	20° 5	23°37	23°19	9°46	8°42	9° 7	21°30	S 28
M29	16 25 29	7°44'01	23°56	12°54	23°16	2° 1	19°33	8°49	20° 8	23°36	23°21	9°42	8°39	9°13	21°33	M29
T 30	16 29 25	8°41'49	7♎39	14°12	24°30	2°47	19°35	8°48	20°11	23°35	23°22	9°39	8°36	9°20	21°35	T 30
W31	16 33 22	9♈37	20♊55	15♈34	25♈43	3♈32	19°R38	8♌47	20♈15	23♌34	23♊23	9°R36	8°R33	9°R27	21°V38	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	14n57	17n41	4s49	11n13	0n 2	5n56	1s35	3n 9	1s 4	5n21	1n23	18s12	0s10	16n57	0s21	7s51
T 2	15 15	15 11	5 12	10 47	0s15	6 24	1 35	3 28	1 4	5 22	1 22	18 12	0 10	16 58	0 21	7 51
W 3	15 33	12 0	5 18	10 23	0 31	6 51	1 35	3 46	1 4	5 23	1 22	18 11	0 10	16 59	0 21	7 50
T 4	15 50	8 20	5 7	10 0	0 47	7 19	1 34	4 4	1 4	5 23	1 22	18 11	0 10	17 0	0 21	7 50
F 5	16 8	4 23	4 42	9 41	1 2	7 46	1 34	4 22	1 3	5 24	1 22	18 11	0 10	17 1	0 21	7 49
S 6	16 25	0 20	4 5	9 23	1 17	8 13	1 34	4 41	1 3	5 25	1 22	18 11	0 11	17 2	0 21	7 49
S 7	16 42	3s41	3 18	9 8	1 31	8 40	1 33	4 59	1 3	5 25	1 22	18 10	0 11	17 2	0 21	7 48
M 8	16 58	7 30	2 22	8 56	1 44	9 7	1 33	5 17	1 3	5 26	1 21	18 10	0 11	17 3	0 21	7 48
T 9	17 14	11 2	1 21	8 46	1 56	9 34	1 32	5 35	1 2	5 26	1 21	18 10	0 11	17 4	0 21	7 47
W10	17 30	14 6	0 16	8 38	2 7	10 0	1 31	5 53	1 2	5 26	1 21	18 10	0 11	17 5	0 21	7 47
T 11	17 46	16 36	0n49	8 33	2 18	10 26	1 31	6 11	1 2	5 27	1 21	18 10	0 11	17 6	0 21	7 46
F 12	18 1	18 25	1 53	8 30	2 28	10 52	1 30	6 28	1 1	5 27	1 21	18 10	0 11	17 7	0 21	7 46
S 13	18 16	19 25	2 52	8 30	2 36	11 18	1 29	6 46	1 1	5 27	1 20	18 10	0 11	17 8	0 21	7 45
S 14	18 31	19 32	3 44	8 32	2 44	11 43	1 28	7 4	1 1	5 27	1 20	18 10	0 11	17 9	0 21	7 45
M15	18 45	18 45	4 26	8 37	2 51	12 9	1 27	7 21	1 0	5 27	1 20	18 10	0 11	17 10	0 21	7 44
T 16	19 0	17 3	4 57	8 43	2 57	12 33	1 26	7 39	1 0	5 27	1 20	18 10	0 11	17 11	0 21	7 44
W17	19 13	14 31	5 14	8 51	3 3	12 58	1 25	7 56	0 59	5 27	1 20	18 10	0 12	17 12	0 21	7 43
T 18	19 27	11 13	5 15	9 2	3 7	13 22	1 24	8 14	0 59	5 26	1 19	18 10	0 12	17 13	0 21	7 43
F 19	19 40	7 17	5 0	9 14	3 11	13 46	1 23	8 31	0 59	5 26	1 19	18 10	0 12	17 14	0 21	7 42
S 20	19 53	2 52	4 28	9 28	3 14	14 10	1 21	8 48	0 58	5 26	1 19	18 10	0 12	17 15	0 21	7 42
S 21	20 5	1n49	3 39	9 44	3 16	14 33	1 20	9 5	0 58	5 25	1 19	18 10	0 12	17 16	0 21	7 41
M22	20 17	6 32	2 35	10 1	3 18	14 56	1 19	9 22	0 58	5 24	1 19	18 10	0 12	17 17	0 21	7 41
T 23	20 29	10 59	1 20	10 20	3 18	15 19	1 17	9 39	0 57	5 24	1 18	18 10	0 12	17 17	0 21	7 40
W24	20 40	14 48	0s 2	10 40	3 18	15 41	1 16	9 55	0 57	5 23	1 18	18 11	0 12	17 18	0 21	7 40
T 25	20 51	17 40	1 24	11 2	3 18	16 3	1 14	10 12	0 56	5 22	1 18	18 11	0 12	17 19	0 21	7 40
F 26	21 2	19 17	2 40	11 25	3 16	16 24	1 13	10 28	0 56	5 22	1 18	18 11	0 12	17 20	0 21	7 39
S 27	21 12	19 32	3 44	11 48	3 14	16 45	1 11	10 45	0 55	5 21	1 18	18 11	0 13	17 21	0 21	7 39
S 28	21 22	18 28	4 32	12 13	3 12	17 6	1 9	11 1	0 55	5 20	1 17	18 12	0 13	17 22	0 21	7 39
M29	21 31	16 17	5 2	12 39	3 9	17 26	1 8	11 17	0 55	5 19	1 17	18 12	0 13	17 23	0 21	7 38
T 30	21 41	13 14	5 14	13 6	3 5	17 46	1 6	11 33	0 54	5 17	1 17	18 12	0 13	17 24	0 21	7 38
W31	21n49	9n36	5s 8	13n34	3s 0	18n 5	1s 4	11n49	0s54	5n16	1n17	18s13	0s13	17n25	0s21	7s37

Julian Day Number = 2674097.5, Delta T = 20m49s  
 Ecliptic obliquity = 23°21'29, Nutation = 0°00'10  
 Ayanamsha: Fagan/Bradley = 33°15'47, Lahiri = 32°22'47

# ASTRODIENST EPHEMERIS for the year 2609

JUNE 2609

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 37 18	10 <sup>11</sup> 37'22	3 <sup>10</sup> 46	16 <sup>18</sup> 57	26 <sup>18</sup> 57	4 <sup>18</sup> 18	19 <sup>10</sup> 40	8°R45	20 <sup>18</sup> 18	23°R33	23 <sup>18</sup> 24	9°R35	8 <sup>10</sup> 29	9 <sup>10</sup> 33	21 <sup>10</sup> 41	T 1
F 2	16 41 15	11°35'06	16°14	18°24	28°10	5° 3	19°43	8°44	20°21	23°32	23°26	9°D34	8°26	9°40	21°43	F 2
S 3	16 45 11	12°32'48	28°25	19°52	29°24	5°49	19°46	8°43	20°24	23°31	23°27	9 <sup>10</sup> 35	8°23	9°46	21°46	S 3
S 4	16 49 8	13°30'29	10 <sup>10</sup> 23	21°23	0 <sup>11</sup> 38	6°34	19°50	8°41	20°28	23°30	23°28	9°37	8°20	9°53	21°48	S 4
M 5	16 53 4	14°28'08	22°13	22°57	1°51	7°19	19°53	8°39	20°31	23°29	23°30	9°39	8°17	10° 0	21°51	M 5
T 6	16 57 1	15°25'46	4 <sup>10</sup> 0	24°33	3° 5	8° 4	19°57	8°38	20°34	23°28	23°31	9°R40	8°13	10° 6	21°53	T 6
W 7	17 0 58	16°23'23	15°48	26°11	4°18	8°50	20° 0	8°36	20°37	23°27	23°32	9°40	8°10	10°13	21°55	W 7
T 8	17 4 54	17°20'58	27°40	27°51	5°32	9°35	20° 4	8°34	20°40	23°26	23°33	9°38	8° 7	10°20	21°58	T 8
F 9	17 8 51	18°18'32	9 <sup>10</sup> 38	29°34	6°45	10°20	20° 8	8°32	20°44	23°26	23°35	9°35	8° 4	10°26	22° 0	F 9
S 10	17 12 47	19°16'05	21°45	1 <sup>11</sup> 19	7°59	11° 5	20°13	8°30	20°47	23°25	23°36	9°30	8° 1	10°33	22° 2	S 10
S 11	17 16 44	20°13'37	4 <sup>11</sup> 3	3° 7	9°12	11°50	20°17	8°28	20°50	23°24	23°37	9°23	7°58	10°40	22° 4	S 11
M12	17 20 40	21°11'08	16°32	4°57	10°26	12°35	20°22	8°26	20°53	23°23	23°38	9°16	7°54	10°46	22° 7	M12
T 13	17 24 37	22° 8'38	29°14	6°49	11°39	13°20	20°26	8°23	20°56	23°23	23°40	9° 9	7°51	10°53	22° 9	T 13
W14	17 28 34	23° 6'07	12° 8	8°43	12°53	14° 4	20°31	8°21	20°59	23°22	23°41	9° 2	7°48	11° 0	22°11	W14
T 15	17 32 30	24° 3'36	25°16	10°40	14° 6	14°49	20°36	8°19	21° 2	23°21	23°42	8°57	7°45	11° 6	22°13	T 15
F 16	17 36 27	25° 1'03	8 <sup>11</sup> 38	12°39	15°20	15°34	20°41	8°16	21° 5	23°21	23°43	8°54	7°42	11°13	22°15	F 16
S 17	17 40 23	25°58'30	22°16	14°40	16°33	16°18	20°47	8°13	21° 8	23°20	23°44	8°D53	7°39	11°20	22°17	S 17
S 18	17 44 20	26°55'57	6 <sup>11</sup> 9	16°43	17°47	17° 3	20°52	8°11	21°11	23°20	23°46	8°53	7°35	11°26	22°19	S 18
M19	17 48 16	27°53'22	20°19	18°47	19° 1	17°48	20°58	8° 8	21°14	23°19	23°47	8°54	7°32	11°33	22°21	M19
T 20	17 52 13	28°50'48	4 <sup>12</sup> 43	20°54	20°14	18°32	21° 3	8° 5	21°17	23°19	23°48	8°R55	7°29	11°39	22°23	T 20
W21	17 56 9	29°48'13	19°20	23° 2	21°28	19°17	21° 9	8° 2	21°20	23°18	23°49	8°54	7°26	11°46	22°24	W21
T 22	18 0 6	0 <sup>12</sup> 45'37	4 <sup>12</sup> 5	25°11	22°41	20° 1	21°15	7°59	21°23	23°18	23°50	8°52	7°23	11°53	22°26	T 22
F 23	18 4 3	1°43'01	18°51	27°21	23°55	20°45	21°21	7°56	21°26	23°17	23°51	8°47	7°19	11°59	22°28	F 23
S 24	18 7 59	2°40'24	3 <sup>12</sup> 32	29°33	25° 9	21°29	21°28	7°53	21°28	23°17	23°52	8°41	7°16	12° 6	22°29	S 24
S 25	18 11 56	3°37'47	17°59	1 <sup>13</sup> 44	26°22	22°14	21°34	7°50	21°31	23°17	23°54	8°33	7°13	12°13	22°31	S 25
M26	18 15 52	4°35'08	2 <sup>13</sup> 6	3°56	27°36	22°58	21°41	7°46	21°34	23°16	23°55	8°24	7°10	12°19	22°33	M26
T 27	18 19 49	5°32'29	15°50	6° 8	28°49	23°42	21°48	7°43	21°37	23°16	23°56	8°15	7° 7	12°26	22°34	T 27
W28	18 23 45	6°29'49	29° 8	8°20	0 <sup>13</sup> 3	24°26	21°54	7°40	21°39	23°16	23°57	8° 8	7° 4	12°33	22°36	W28
T 29	18 27 42	7°27'09	12 <sup>13</sup> 1	10°31	1°17	25°10	22° 1	7°36	21°42	23°16	23°58	8° 3	7° 0	12°39	22°37	T 29
F 30	18 31 38	8°24'27	24 <sup>13</sup> 31	12°32	2 <sup>13</sup> 30	25°54	22 <sup>13</sup> 9	7°33	21°45	23°16	23°59	8 <sup>10</sup> 0	6 <sup>11</sup> 57	12 <sup>13</sup> 46	22°38	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	21n58	5n38	4s47	14n 2	2s55	18n24	1s 2	12n 5	0s53	5n15	1n17	18s13	0s13	17n26	0s21	7s37
F 2	22 6	1 32	4 12	14 31	2 50	18 42	1 0	12 20	0 53	5 14	1 16	18 14	0 13	17 26	0 21	7 37
S 3	22 13	2s32	3 27	15 1	2 44	19 0	0 58	12 36	0 52	5 12	1 16	18 14	0 13	17 27	0 21	7 36
S 4	22 21	6 27	2 34	15 31	2 37	19 18	0 56	12 51	0 52	5 11	1 16	18 15	0 13	17 28	0 21	7 36
M 5	22 27	10 5	1 34	16 2	2 30	19 34	0 54	13 6	0 51	5 9	1 16	18 15	0 14	17 29	0 21	7 36
T 6	22 34	13 18	0 31	16 32	2 22	19 51	0 52	13 21	0 51	5 8	1 16	18 16	0 14	17 30	0 21	7 36
W 7	22 40	15 59	0n33	17 3	2 14	20 6	0 50	13 36	0 50	5 6	1 15	18 16	0 14	17 31	0 21	7 35
T 8	22 46	18 0	1 37	17 34	2 6	20 22	0 48	13 51	0 50	5 4	1 15	18 17	0 14	17 32	0 21	7 35
F 9	22 51	19 15	2 36	18 5	1 57	20 36	0 46	14 5	0 49	5 3	1 15	18 17	0 14	17 32	0 21	7 35
S 10	22 56	19 38	3 29	18 36	1 48	20 51	0 44	14 20	0 49	5 1	1 15	18 18	0 14	17 33	0 21	7 35
S 11	23 0	19 5	4 13	19 6	1 38	21 4	0 42	14 34	0 48	4 59	1 15	18 19	0 14	17 34	0 21	7 34
M12	23 4	17 37	4 45	19 36	1 28	21 17	0 39	14 48	0 47	4 57	1 15	18 19	0 14	17 35	0 21	7 34
T 13	23 8	15 16	5 5	20 6	1 18	21 29	0 37	15 2	0 47	4 55	1 14	18 20	0 14	17 36	0 21	7 34
W14	23 11	12 9	5 9	20 34	1 7	21 41	0 35	15 16	0 46	4 53	1 14	18 21	0 14	17 36	0 21	7 34
T 15	23 14	8 23	4 57	21 2	0 57	21 52	0 33	15 30	0 46	4 51	1 14	18 22	0 15	17 37	0 21	7 33
F 16	23 16	4 9	4 29	21 29	0 46	22 3	0 30	15 43	0 45	4 49	1 14	18 22	0 15	17 38	0 21	7 33
S 17	23 18	0n23	3 45	21 54	0 35	22 13	0 28	15 57	0 45	4 46	1 14	18 23	0 15	17 39	0 21	7 33
S 18	23 19	5 0	2 48	22 18	0 24	22 22	0 26	16 10	0 44	4 44	1 13	18 24	0 15	17 40	0 21	7 33
M19	23 20	9 26	1 39	22 40	0 13	22 31	0 23	16 23	0 43	4 42	1 13	18 25	0 15	17 40	0 21	7 33
T 20	23 21	13 24	0 23	23 1	0 2	22 39	0 21	16 36	0 43	4 39	1 13	18 26	0 15	17 41	0 21	7 33
W21	23 21	16 36	0s56	23 19	0n 9	22 46	0 19	16 49	0 42	4 37	1 13	18 26	0 15	17 42	0 21	7 33
T 22	23 21	18 44	2 11	23 36	0 19	22 53	0 16	17 1	0 42	4 34	1 13	18 27	0 15	17 43	0 21	7 32
F 23	23 21	19 36	3 18	23 50	0 30	22 59	0 14	17 13	0 41	4 32	1 13	18 28	0 15	17 43	0 21	7 32
S 24	23 20	19 8	4 11	24 1	0 40	23 5	0 11	17 25	0 40	4 29	1 12	18 29	0 15	17 44	0 21	7 32
S 25	23 18	17 25	4 47	24 10	0 49	23 9	0 9	17 37	0 40	4 26	1 12	18 30	0 16	17 45	0 21	7 32
M26	23 17	14 41	5 4	24 16	0 58	23 14	0 7	17 49	0 39	4 24	1 12	18 31	0 16	17 45	0 21	7 32
T 27	23 15	11 12	5 3	24 19	1 6	23 17	0 4	18 1	0 38	4 21	1 12	18 32	0 16	17 46	0 21	7 32
W28	23 12	7 16	4 46	24 20	1 14	23 20	0 2	18 12	0 38	4 18	1 12	18 33	0 16	17 47	0 21	7 32
T 29	23 9	3 7	4 14	24 18	1 22	23 22	0n 1	18 23	0 37	4 15	1 11	18 34	0 16	17 47	0 21	7 32
F 30	23n 6	1s 4	3s31	24n13	1n28	23n23	0n 3	18n34	0s36	4n12	1n11	18s35	0s16	17n48	0s21	7s32

Julian Day Number = 2674128.5, Delta T = 20m49s  
 Ecliptic obliquity = 23°21'29, Nutation = 0°00'10  
 Ayanamsha: Fagan/Bradley = 33°15'51, Lahiri = 32°22'51

## ASTRODIENST EPHEMERIS for the year 2609

JULY 2609

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 35 35	9°21'45	6°43	14°51	3°44	26°37	22°16	7°R29	21°47	23°R15	24°0	7°D59	6°M54	12°M53	22°Y40	S 1
S 2	18 39 32	10°19'02	18°41	16°59	4°57	27°21	22°23	7°25	21°50	23°15	24°1	7°M59	6°51	12°59	22°41	S 2
M 3	18 43 28	11°16'18	0°M32	19°6	6°11	28°5	22°31	7°22	21°52	23°15	24°2	8°0	6°48	13°6	22°42	M 3
T 4	18 47 25	12°13'34	12°19	21°11	7°25	28°48	22°38	7°18	21°55	23°15	24°3	8°R0	6°45	13°12	22°43	T 4
W 5	18 51 21	13°10'49	24°9	23°15	8°38	29°32	22°46	7°14	21°57	23°D15	24°4	7°59	6°41	13°19	22°44	W 5
T 6	18 55 18	14°8'03	6°5	25°17	9°52	0°II16	22°54	7°10	22°0	23°15	24°5	7°55	6°38	13°26	22°46	T 6
F 7	18 59 14	15°5'18	18°12	27°17	11°6	0°59	23°2	7°6	22°2	23°15	24°6	7°49	6°35	13°32	22°47	F 7
S 8	19 3 11	16°2'31	0°330	29°14	12°19	1°42	23°10	7°3	22°4	23°15	24°7	7°41	6°32	13°39	22°48	S 8
S 9	19 7 7	16°59'45	13°4	1°10	13°33	2°26	23°18	6°59	22°7	23°16	24°7	7°31	6°29	13°46	22°49	S 9
M10	19 11 4	17°56'58	25°51	3°4	14°47	3°9	23°27	6°54	22°9	23°16	24°8	7°19	6°25	13°52	22°49	M10
T 11	19 15 1	18°54'11	8°53	4°56	16°1	3°52	23°35	6°50	22°11	23°16	24°9	7°7	6°22	13°59	22°50	T 11
W12	19 18 57	19°51'24	22°8	6°46	17°14	4°35	23°44	6°46	22°13	23°16	24°10	6°57	6°19	14°6	22°51	W12
T 13	19 22 54	20°48'37	5°34	8°34	18°28	5°18	23°52	6°42	22°16	23°16	24°11	6°48	6°16	14°12	22°52	T 13
F 14	19 26 50	21°45'50	19°31	10°19	19°42	6°1	24°1	6°38	22°18	23°17	24°12	6°42	6°13	14°19	22°52	F 14
S 15	19 30 47	22°43'03	2°Y57	12°3	20°55	6°44	24°10	6°34	22°20	23°17	24°12	6°39	6°10	14°26	22°53	S 15
S 16	19 34 43	23°40'17	16°52	13°44	22°9	7°27	24°19	6°29	22°22	23°17	24°13	6°38	6°6	14°32	22°54	S 16
M17	19 38 40	24°37'31	0°55	15°23	23°23	8°9	24°28	6°25	22°24	23°18	24°14	6°38	6°3	14°39	22°54	M17
T 18	19 42 36	25°34'45	15°6	17°1	24°37	8°52	24°37	6°21	22°26	23°18	24°15	6°37	6°0	14°46	22°55	T 18
W19	19 46 33	26°32'00	29°24	18°36	25°50	9°35	24°46	6°17	22°28	23°19	24°15	6°36	5°57	14°52	22°55	W19
T 20	19 50 30	27°29'15	13°II46	20°9	27°4	10°17	24°56	6°12	22°30	23°19	24°16	6°32	5°54	14°59	22°55	T 20
F 21	19 54 26	28°26'30	28°8	21°39	28°18	11°0	25°5	6°8	22°32	23°20	24°17	6°26	5°51	15°5	22°56	F 21
S 22	19 58 23	29°23'46	12°26	23°8	29°32	11°42	25°15	6°3	22°33	23°20	24°18	6°17	5°47	15°12	22°56	S 22
S 23	20 2 19	0°21'02	26°34	24°35	0°L46	12°25	25°24	5°59	22°35	23°21	24°18	6°6	5°44	15°19	22°56	S 23
M24	20 6 16	1°18'18	10°L27	25°59	2°0	13°7	25°34	5°55	22°37	23°21	24°19	5°54	5°41	15°25	22°56	M24
T 25	20 10 12	2°15'35	24°0	27°21	3°13	13°49	25°44	5°50	22°38	23°22	24°19	5°42	5°38	15°32	22°56	T 25
W26	20 14 9	3°12'51	7°II11	28°41	4°27	14°31	25°54	5°46	22°40	23°23	24°20	5°32	5°35	15°39	22°56	W26
T 27	20 18 5	4°10'08	20°1	29°59	5°41	15°13	26°4	5°41	22°42	23°23	24°21	5°24	5°31	15°45	22°56	T 27
F 28	20 22 2	5°7'25	2°L30	1°II14	6°55	15°55	26°14	5°37	22°43	23°24	24°21	5°19	5°28	15°52	22°56	F 28
S 29	20 25 59	6°4'42	14°41	2°27	8°9	16°37	26°24	5°32	22°45	23°25	24°22	5°16	5°25	15°59	22°56	S 29
S 30	20 29 55	7°1'59	26°40	3°37	9°23	17°19	26°35	5°28	22°46	23°25	24°22	5°15	5°22	16°5	22°56	S 30
M31	20 33 52	7°L59'17	8°II31	4°II45	10°L37	18°II0	26°II45	5°24	22°48	23°26	24°23	5°15	5°19	16°12	22°56	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	23n 2	5s 6	2s39	24n 5	1n34	23n24	0n 5	18n45	0s36	4n 9	1n11	18s36	0s16	17n49	0s21	7s32
S 2	22 58	8 52	1 42	23 55	1 39	23 24	0 8	18 56	0 35	4 6	1 11	18 37	0 16	17 49	0 21	7 32
M 3	22 53	12 15	0 40	23 42	1 43	23 23	0 10	19 6	0 34	4 3	1 11	18 38	0 16	17 50	0 21	7 32
T 4	22 48	15 7	0n23	23 27	1 47	23 22	0 12	19 17	0 34	4 0	1 11	18 39	0 16	17 51	0 21	7 32
W 5	22 42	17 22	1 25	23 10	1 50	23 19	0 15	19 27	0 33	3 56	1 10	18 40	0 17	17 51	0 21	7 32
T 6	22 37	18 53	2 24	22 50	1 52	23 17	0 17	19 36	0 32	3 53	1 10	18 41	0 17	17 52	0 21	7 32
F 7	22 30	19 34	3 17	22 29	1 53	23 13	0 20	19 46	0 32	3 50	1 10	18 42	0 17	17 53	0 21	7 32
S 8	22 24	19 20	4 2	22 6	1 54	23 9	0 22	19 56	0 31	3 47	1 10	18 43	0 17	17 53	0 21	7 32
S 9	22 17	18 9	4 35	21 41	1 54	23 4	0 24	20 5	0 30	3 43	1 10	18 44	0 17	17 54	0 21	7 32
M10	22 10	16 3	4 56	21 14	1 53	22 59	0 26	20 14	0 30	3 40	1 10	18 45	0 17	17 54	0 21	7 32
T 11	22 2	13 7	5 2	20 46	1 51	22 53	0 29	20 23	0 29	3 36	1 10	18 47	0 17	17 55	0 21	7 33
W12	21 54	9 29	4 52	20 17	1 49	22 46	0 31	20 31	0 28	3 33	1 9	18 48	0 17	17 55	0 21	7 33
T 13	21 45	5 19	4 45	19 46	1 46	22 38	0 33	20 40	0 27	3 29	1 9	18 49	0 17	17 56	0 21	7 33
F 14	21 36	0 50	3 44	19 15	1 43	22 30	0 35	20 48	0 27	3 26	1 9	18 50	0 17	17 57	0 21	7 33
S 15	21 27	3n45	2 49	18 42	1 39	22 21	0 37	20 56	0 26	3 22	1 9	18 51	0 17	17 57	0 21	7 33
S 16	21 18	8 11	1 43	18 9	1 34	22 12	0 40	21 4	0 25	3 18	1 9	18 52	0 18	17 58	0 21	7 33
M17	21 8	12 14	0 30	17 35	1 29	22 1	0 42	21 11	0 24	3 15	1 9	18 53	0 18	17 58	0 21	7 33
T 18	20 57	15 36	0s45	17 0	1 23	21 51	0 44	21 19	0 24	3 11	1 9	18 55	0 18	17 59	0 21	7 34
W19	20 47	18 2	1 58	16 25	1 17	21 39	0 46	21 26	0 23	3 7	1 8	18 56	0 18	17 59	0 21	7 34
T 20	20 36	19 21	3 3	15 50	1 10	21 27	0 48	21 33	0 22	3 3	1 8	18 57	0 18	18 0	0 21	7 34
F 21	20 24	19 24	3 57	15 14	1 3	21 14	0 50	21 40	0 21	2 59	1 8	18 58	0 18	18 0	0 21	7 34
S 22	20 12	18 12	4 36	14 38	0 55	21 1	0 52	21 46	0 21	2 55	1 8	18 59	0 18	18 0	0 21	7 35
S 23	20 0	15 55	4 57	14 2	0 47	20 47	0 53	21 53	0 20	2 52	1 8	19 0	0 18	18 1	0 21	7 35
M24	19 48	12 45	5 0	13 25	0 39	20 33	0 55	21 59	0 19	2 48	1 8	19 2	0 18	18 1	0 21	7 35
T 25	19 35	8 58	4 46	12 49	0 30	20 18	0 57	22 5	0 18	2 44	1 8	19 3	0 18	18 2	0 21	7 35
W26	19 22	4 52	4 17	12 13	0 20	20 2	0 59	22 10	0 17	2 40	1 8	19 4	0 19	18 2	0 21	7 36
T 27	19 9	0 38	3 35	11 37	0 11	19 46	1 1	22 16	0 17	2 35	1 7	19 5	0 19	18 3	0 21	7 36
F 28	18 55	3s30	2 44	11 1	0 1	19 29	1 2	22 21	0 16	2 31	1 7	19 6	0 19	18 3	0 21	7 36
S 29	18 41	7 25	1 47	10 25	0s10	19 12	1 4	22 26	0 15	2 27	1 7	19 7	0 19	18 3	0 21	7 37
S 30	18 27	10 57	0 45	9 50	0 20	18 54	1 5	22 31	0 14	2 23	1 7	19 9	0 19	18 4	0 21	7 37
M31	18n13	14s 1	0n17	9n15	0s31	18n35	1n 7	22n36	0s13	2n19	1n 7	19s10	0s19	18n 4	0s21	7s37

Julian Day Number = 2674158.5, Delta T = 20m49s

Ecliptic obliquity = 23°21'29, Nutation = 0°00'11

Ayanamsha: Fagan/Bradley = 33°15'55, Lahiri = 32°22'55

## ASTRODIENST EPHEMERIS for the year 2609

AUGUST 2609

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 37 48	8♌56°34	20♍19	5♍50	11♌51	18♏42	26♏56	5°R19	22♏49	23♏27	24♏23	5°R15	5♍16	16♍19	22°R56	T 1
W 2	20 41 45	9°53'52	2♌11	6°52	13° 5	19°24	27° 6	5♌15	22°50	23°28	24°24	5♍14	5°12	16°25	22°V55	W 2
T 3	20 45 41	10°51'11	14°11	7°52	14°18	20° 5	27°17	5°10	22°52	23°29	24°24	5°10	5° 9	16°32	22°55	T 3
F 4	20 49 38	11°48'29	26°23	8°48	15°32	20°46	27°27	5° 6	22°53	23°30	24°25	5° 4	5° 6	16°39	22°54	F 4
S 5	20 53 34	12°45'48	8♌51	9°42	16°46	21°28	27°38	5° 2	22°54	23°31	24°25	4°55	5° 3	16°45	22°54	S 5
S 6	20 57 31	13°43'08	21°38	10°32	18° 0	22° 9	27°49	4°57	22°55	23°32	24°25	4°45	5° 0	16°52	22°53	S 6
M 7	21 1 128	14°40'28	4♌43	11°19	19°14	22°50	28° 0	4°53	22°56	23°33	24°26	4°33	4°57	16°58	22°53	M 7
T 8	21 5 24	15°37'49	18° 5	12° 3	20°28	23°31	28°11	4°49	22°57	23°34	24°26	4°21	4°53	17° 5	22°52	T 8
W 9	21 9 21	16°35'10	1♌44	12°42	21°42	24°12	28°22	4°44	22°58	23°35	24°26	4°10	4°50	17°12	22°52	W 9
T 10	21 13 17	17°32'32	15°34	13°18	22°56	24°53	28°33	4°40	22°59	23°36	24°27	4° 1	4°47	17°18	22°51	T 10
F 11	21 17 14	18°29'55	29°34	13°51	24°10	25°34	28°44	4°36	23° 0	23°37	24°27	3°55	4°44	17°25	22°50	F 11
S 12	21 21 10	19°27'20	13°V38	14°18	25°24	26°15	28°55	4°31	23° 1	23°38	24°27	3°51	4°41	17°32	22°49	S 12
S 13	21 25 7	20°24'45	27°46	14°42	26°38	26°55	29° 7	4°27	23° 2	23°40	24°28	3°D50	4°37	17°38	22°48	S 13
M14	21 29 3	21°22'11	11♌54	15° 1	27°52	27°36	29°18	4°23	23° 3	23°41	24°28	3°50	4°34	17°45	22°47	M14
T 15	21 33 0	22°19'39	26° 2	15°15	29° 6	28°16	29°30	4°19	23° 3	23°42	24°28	3°R50	4°31	17°52	22°46	T 15
W16	21 36 57	23°17'08	10♏9	15°24	0♏20	28°57	29°41	4°15	23° 4	23°43	24°28	3°49	4°28	17°58	22°45	W16
T 17	21 40 53	24°14'38	24°13	15°R29	1°34	29°37	29°53	4°11	23° 5	23°45	24°28	3°46	4°25	18° 5	22°44	T 17
F 18	21 44 50	25°12'10	8♏12	15°28	2°48	0♏17	0♏4	4° 7	23° 5	23°46	24°29	3°40	4°22	18°12	22°43	F 18
S 19	21 48 46	26° 9'43	22° 4	15°21	4° 2	0°57	0°16	4° 3	23° 6	23°47	24°29	3°32	4°18	18°18	22°42	S 19
S 20	21 52 43	27° 7'17	5♌47	15°10	5°16	1°37	0°28	3°59	23° 6	23°49	24°29	3°22	4°15	18°25	22°41	S 20
M21	21 56 39	28° 4'52	19°17	14°53	6°30	2°17	0°39	3°55	23° 6	23°50	24°29	3°11	4°12	18°32	22°39	M21
T 22	22 0 36	29° 2'28	2♏31	14°30	7°44	2°57	0°51	3°51	23° 7	23°52	24°29	3° 1	4° 9	18°38	22°38	T 22
W23	22 4 32	0♏0'05	15°28	14° 3	8°58	3°37	1° 3	3°48	23° 7	23°53	24°29	2°51	4° 6	18°45	22°37	W23
T 24	22 8 29	0°57'44	28° 7	13°30	10°12	4°17	1°15	3°44	23° 7	23°55	24°R29	2°44	4° 2	18°51	22°35	T 24
F 25	22 12 26	1°55'23	10♏30	12°52	11°27	4°56	1°27	3°40	23° 8	23°56	24°29	2°39	3°59	18°58	22°34	F 25
S 26	22 16 22	2°53'04	22°38	12°11	12°41	5°36	1°39	3°37	23° 8	23°58	24°29	2°37	3°56	19° 5	22°32	S 26
S 27	22 20 19	3°50'45	4♏35	11°25	13°55	6°15	1°51	3°33	23° 8	23°59	24°29	2°D37	3°53	19°11	22°31	S 27
M28	22 24 15	4°48'28	16°25	10°37	15° 9	6°55	2° 3	3°30	23° 8	24° 1	24°29	2°37	3°50	19°18	22°29	M28
T 29	22 28 12	5°46'11	28°13	9°46	16°23	7°34	2°15	3°26	23°R 8	24° 2	24°29	2°38	3°47	19°25	22°28	T 29
W30	22 32 8	6°43'56	10♏5	8°55	17°37	8°13	2°28	3°23	23° 8	24° 4	24°29	2°R38	3°43	19°31	22°26	W30
T 31	22 36 5	7♏41'42	22♏5	8♏2	18♏51	8♏52	2♏40	3♏20	23♏8	24♏6	24♏28	2♏37	3♏40	19♏38	22°V24	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	17n58	16s30	1n19	8n41	0s42	18n16	1n 8	22n40	0s13	2n15	1n 7	19s11	0s19	18n 4	0s21	T 1
W 2	17 43	18 17	2 18	8 8	0 54	17 57	1 10	22 44	0 12	2 10	1 7	19 12	0 19	18 5	0 21	W 2
T 3	17 27	19 16	3 11	7 35	1 6	17 37	1 11	22 48	0 11	2 6	1 7	19 13	0 19	18 5	0 21	T 3
F 4	17 11	19 23	3 56	7 3	1 17	17 17	1 12	22 52	0 10	2 2	1 7	19 14	0 19	18 5	0 21	F 4
S 5	16 55	18 33	4 31	6 31	1 30	16 56	1 14	22 56	0 9	1 57	1 6	19 16	0 19	18 6	0 21	S 5
S 6	16 39	16 48	4 53	6 1	1 42	16 34	1 15	22 59	0 8	1 53	1 6	19 17	0 19	18 6	0 21	S 6
M 7	16 23	14 9	5 1	5 32	1 54	16 12	1 16	23 2	0 8	1 48	1 6	19 18	0 20	18 6	0 21	M 7
T 8	16 6	10 43	4 53	5 4	2 6	15 50	1 17	23 5	0 7	1 44	1 6	19 19	0 20	18 6	0 21	T 8
W 9	15 49	6 39	4 27	4 38	2 19	15 27	1 18	23 8	0 6	1 40	1 6	19 20	0 20	18 7	0 21	W 9
T 10	15 31	2 11	3 46	4 12	2 31	15 4	1 19	23 11	0 5	1 35	1 6	19 21	0 20	18 7	0 21	T 10
F 11	15 14	2n27	2 51	3 49	2 44	14 41	1 20	23 13	0 4	1 31	1 6	19 22	0 20	18 7	0 21	F 11
S 12	14 56	6 59	1 45	3 27	2 56	14 17	1 21	23 15	0 3	1 26	1 6	19 23	0 20	18 7	0 21	S 12
S 13	14 38	11 9	0 32	3 7	3 8	13 53	1 22	23 17	0 2	1 21	1 6	19 24	0 20	18 7	0 21	S 13
M14	14 20	14 41	0s43	2 48	3 20	13 28	1 22	23 19	0 1	1 17	1 6	19 25	0 20	18 8	0 21	M14
T 15	14 1	17 20	1 55	2 32	3 32	13 3	1 23	23 20	0 1	1 12	1 6	19 26	0 20	18 8	0 21	T 15
W16	13 43	18 55	3 0	2 18	3 43	12 37	1 24	23 22	0n 0	1 8	1 5	19 27	0 20	18 8	0 21	W16
T 17	13 24	19 20	3 54	2 7	3 54	12 12	1 24	23 23	0 1	1 3	1 5	19 29	0 20	18 8	0 21	T 17
F 18	13 5	18 33	4 34	1 58	4 4	11 46	1 25	23 24	0 2	0 58	1 5	19 30	0 20	18 8	0 21	F 18
S 19	12 45	16 40	4 57	1 51	4 13	11 19	1 25	23 24	0 3	0 54	1 5	19 31	0 20	18 8	0 21	S 19
S 20	12 26	13 52	5 3	1 48	4 22	10 52	1 26	23 25	0 4	0 49	1 5	19 32	0 20	18 8	0 21	S 20
M21	12 6	10 22	4 51	1 47	4 29	10 25	1 26	23 25	0 5	0 44	1 5	19 32	0 21	18 9	0 21	M21
T 22	11 46	6 25	4 24	1 50	4 36	9 58	1 26	23 25	0 6	0 39	1 5	19 33	0 21	18 9	0 21	T 22
W23	11 26	2 16	3 44	1 56	4 41	9 31	1 26	23 25	0 7	0 35	1 5	19 34	0 21	18 9	0 21	W23
T 24	11 6	1s55	2 54	2 4	4 45	9 3	1 26	23 25	0 8	0 30	1 5	19 35	0 21	18 9	0 21	T 24
F 25	10 45	5 55	1 56	2 16	4 48	8 35	1 26	23 25	0 9	0 25	1 5	19 36	0 21	18 9	0 21	F 25
S 26	10 25	9 36	0 53	2 31	4 49	8 7	1 26	23 24	0 10	0 20	1 5	19 37	0 21	18 9	0 21	S 26
S 27	10 4	12 50	0n11	2 49	4 48	7 38	1 26	23 23	0 11	0 15	1 5	19 38	0 21	18 9	0 21	S 27
M28	9 43	15 31	1 13	3 9	4 45	7 9	1 26	23 22	0 11	0 10	1 5	19 39	0 21	18 9	0 21	M28
T 29	9 22	17 32	2 13	3 33	4 41	6 40	1 26	23 21	0 12	0 6	1 5	19 40	0 21	18 9	0 21	T 29
W30	9 1	18 48	3 7	3 58	4 34	6 11	1 25	23 20	0 13	0 1	1 5	19 41	0 21	18 9	0 21	W30
T 31	8n39	19s14	3n54	4n25	4s26	5n42	1n25	23n18	0n14	0s 4	1n 5	19s41	0s21	18n 9	0s21	T 31

Julian Day Number = 2674189.5, Delta T = 20m50s

Ecliptic obliquity = 23°21'29", Nutation = 0°00'11"

Ayanamsha: Fagan/Bradley = 33°15'59", Lahiri = 32°22'59"

## ASTRODIENST EPHEMERIS for the year 2609

SEPTEMBER 2609

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 40 1	8♉39°29	4♊20	7°R11	20♉5	9♉31	2♊52	3°R16	23°R 8	24♊7	24°R28	2°R34	3♉37	19♉45	22°R22	F 1
S 2	22 43 58	9°37'17	16°52	6♉21	21°19	10°10	3° 5	3♉13	23♉8	24° 9	24♉28	2♉29	3°34	19°51	22°V21	S 2
S 3	22 47 54	10°35'06	29°45	5°34	22°33	10°48	3°17	3°10	23° 7	24°11	24°28	2°22	3°31	19°58	22°19	S 3
M 4	22 51 51	11°32'56	13°42	4°50	23°47	11°27	3°29	3° 7	23° 7	24°12	24°28	2°14	3°28	20° 5	22°17	M 4
T 5	22 55 48	12°30'48	26°40	4°12	25° 2	12° 5	3°42	3° 4	23° 7	24°14	24°28	2° 5	3°24	20°11	22°15	T 5
W 6	22 59 44	13°28'41	10♉39	3°39	26°16	12°44	3°54	3° 1	23° 6	24°16	24°27	1°58	3°21	20°18	22°13	W 6
T 7	23 3 41	14°26'35	24°53	3°13	27°30	13°22	4° 7	2°59	23° 6	24°18	24°27	1°52	3°18	20°25	22°11	T 7
F 8	23 7 37	15°24'31	9♉18	2°53	28°44	14° 0	4°19	2°56	23° 5	24°20	24°27	1°47	3°15	20°31	22° 9	F 8
S 9	23 11 34	16°22'29	23°48	2°42	29°58	14°38	4°32	2°53	23° 5	24°21	24°26	1°46	3°12	20°38	22° 7	S 9
S 10	23 15 30	17°20'29	8♉17	2°D38	1♊12	15°16	4°45	2°51	23° 4	24°23	24°26	1°D45	3° 8	20°45	22° 5	S 10
M11	23 19 27	18°18'30	22°41	2°43	2°26	15°54	4°57	2°48	23° 4	24°25	24°26	1°46	3° 5	20°51	22° 3	M11
T 12	23 23 23	19°16'33	6♉58	2°56	3°40	16°32	5°10	2°46	23° 3	24°27	24°25	1°48	3° 2	20°58	22° 0	T 12
W13	23 27 20	20°14'39	21° 4	3°18	4°54	17°10	5°23	2°44	23° 2	24°29	24°25	1°R48	2°59	21° 4	21°58	W13
T 14	23 31 17	21°12'46	5♉0	3°48	6° 8	17°47	5°35	2°42	23° 2	24°31	24°25	1°47	2°56	21°11	21°56	T 14
F 15	23 35 13	22°10'55	18°43	4°26	7°23	18°25	5°48	2°39	23° 1	24°33	24°24	1°45	2°53	21°18	21°54	F 15
S 16	23 39 10	23° 9'06	2♊15	5°13	8°37	19° 2	6° 1	2°37	23° 0	24°35	24°24	1°41	2°49	21°24	21°51	S 16
S 17	23 43 6	24° 7'19	15°34	6° 7	9°51	19°39	6°13	2°35	22°59	24°37	24°23	1°35	2°46	21°31	21°49	S 17
M18	23 47 3	25° 5'34	28°39	7° 9	11° 5	20°16	6°26	2°34	22°58	24°39	24°23	1°29	2°43	21°38	21°47	M18
T 19	23 50 59	26° 3'50	11♉31	8°17	12°19	20°53	6°39	2°32	22°57	24°41	24°22	1°23	2°40	21°44	21°44	T 19
W20	23 54 56	27° 2'09	24° 9	9°32	13°33	21°30	6°52	2°30	22°56	24°43	24°22	1°17	2°37	21°51	21°42	W20
T 21	23 58 52	28° 0'29	6♊34	10°52	14°47	22° 7	7° 5	2°29	22°55	24°45	24°21	1°14	2°34	21°58	21°40	T 21
F 22	0 2 49	28°58'51	18°46	12°18	16° 1	22°43	7°18	2°27	22°54	24°47	24°21	1°11	2°30	22° 4	21°37	F 22
S 23	0 6 46	29°57'15	0♉48	13°49	17°15	23°20	7°31	2°26	22°53	24°49	24°20	1°D10	2°27	22°11	21°35	S 23
S 24	0 10 42	0♊55'40	12°41	15°24	18°30	23°56	7°43	2°24	22°51	24°51	24°19	1°11	2°24	22°18	21°32	S 24
M25	0 14 39	1°54'07	24°29	17° 2	19°44	24°32	7°56	2°23	22°50	24°53	24°19	1°12	2°21	22°24	21°30	M25
T 26	0 18 35	2°52'36	6♉17	18°44	20°58	25° 8	8° 9	2°22	22°49	24°55	24°18	1°14	2°18	22°31	21°27	T 26
W27	0 22 32	3°51'06	18° 8	20°28	22°12	25°44	8°22	2°21	22°47	24°57	24°18	1°16	2°14	22°38	21°24	W27
T 28	0 26 28	4°49'38	0♉7	22°14	23°26	26°20	8°35	2°20	22°46	24°59	24°17	1°R17	2°11	22°44	21°22	T 28
F 29	0 30 25	5°48'12	12°20	24° 1	24°40	26°56	8°48	2°19	22°45	25° 1	24°16	1°17	2° 8	22°51	21°19	F 29
S 30	0 34 21	6♊46'47	24♉51	25♉50	25♊54	27♉31	9♊1	2♊19	22♉43	25♊4	24♉16	1♉15	2♉5	22♉58	21♉17	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	8n18	18s46	4n31	4n53	4s16	5n13	1n25	23n16	0n15	0s 9	1n 4	19s42	0s21	18n 9	0s21	7s53	1n32	3n34	15s42	12s19	12s41	16s14	9n47	1n11			
S 2	7 56	17 24	4 56	5 23	4 4	4 43	1 24	23 15	0 16	0 14	1 4	19 43	0 21	18 9	0 21	7 54	1 32	3 34	15 42	12 18	12 40	16 15	9 46	1 11			
S 3	7 34	15 8	5 7	5 52	3 50	4 14	1 24	23 12	0 17	0 19	1 4	19 44	0 21	18 9	0 21	7 55	1 32	3 34	15 42	12 15	12 39	16 16	9 46	1 11			
M 4	7 13	12 1	5 2	6 22	3 35	3 44	1 23	23 10	0 18	0 24	1 4	19 45	0 21	18 9	0 21	7 55	1 32	3 33	15 43	12 12	12 38	16 17	9 45	1 11			
T 5	6 51	8 12	4 40	6 51	3 19	3 14	1 22	23 8	0 19	0 29	1 4	19 45	0 22	18 8	0 21	7 56	1 32	3 33	15 43	12 9	12 37	16 18	9 44	1 11			
W 6	6 28	3 50	4 1	7 18	3 2	2 44	1 22	23 5	0 20	0 34	1 4	19 46	0 22	18 8	0 21	7 57	1 32	3 33	15 43	12 7	12 35	16 19	9 44	1 11			
T 7	6 6	0n49	3 6	7 44	2 44	2 14	1 21	23 3	0 21	0 39	1 4	19 47	0 22	18 8	0 21	7 57	1 32	3 32	15 44	12 5	12 34	16 20	9 43	1 11			
F 8	5 44	5 29	1 59	8 9	2 26	1 43	1 20	23 0	0 22	0 44	1 4	19 47	0 22	18 8	0 21	7 58	1 32	3 32	15 44	12 3	12 33	16 21	9 42	1 11			
S 9	5 22	9 52	0 43	8 30	2 7	1 13	1 19	22 57	0 23	0 49	1 4	19 48	0 22	18 8	0 22	7 59	1 32	3 32	15 44	12 3	12 32	16 21	9 41	1 11			
S 10	4 59	13 40	0s35	8 49	1 48	0 43	1 18	22 53	0 24	0 54	1 4	19 49	0 22	18 8	0 22	7 59	1 32	3 31	15 44	12 3	12 31	16 22	9 40	1 11			
M11	4 37	16 35	1 51	9 5	1 29	0 13	1 17	22 50	0 25	0 59	1 4	19 49	0 22	18 8	0 22	8 0	1 32	3 31	15 45	12 3	12 30	16 23	9 40	1 11			
T 12	4 14	18 27	2 59	9 18	1 11	0s18	1 16	22 47	0 26	1 4	1 4	19 50	0 22	18 8	0 22	8 1	1 32	3 30	15 45	12 3	12 29	16 24	9 39	1 11			
W13	3 51	19 8	3 56	9 27	0 52	0 48	1 14	22 43	0 27	1 9	1 4	19 50	0 22	18 7	0 22	8 2	1 32	3 30	15 45	12 4	12 28	16 25	9 38	1 11			
T 14	3 28	18 38	4 38	9 32	0 35	1 19	1 13	22 39	0 28	1 14	1 4	19 51	0 22	18 7	0 22	8 2	1 32	3 30	15 45	12 3	12 27	16 26	9 37	1 11			
F 15	3 5	17 3	5 3	9 34	0 18	1 49	1 12	22 35	0 29	1 19	1 4	19 51	0 22	18 7	0 22	8 3	1 32	3 29	15 46	12 2	12 26	16 27	9 36	1 11			
S 16	2 43	14 33	5 11	9 32	0 2	2 19	1 10	22 31	0 31	1 24	1 4	19 52	0 22	18 7	0 22	8 4	1 32	3 29	15 46	12 1	12 25	16 28	9 35	1 11			
S 17	2 20	11 18	5 2	9 26	0n13	2 50	1 9	22 27	0 32	1 29	1 4	19 52	0 22	18 6	0 22	8 5	1 32	3 29	15 46	11 59	12 24	16 29	9 34	1 11			
M18	1 57	7 34	4 37	9 17	0 27	3 20	1 7	22 22	0 33	1 34	1 4	19 53	0 22	18 6	0 22	8 5	1 32	3 28	15 47	11 57	12 22	16 30	9 33	1 11			
T 19	1 34	3 33	3 58	9 3	0 40	3 50	1 6	22 18	0 34	1 39	1 4	19 53	0 22	18 6	0 22	8 6	1 32	3 28	15 47	11 55	12 21	16 31	9 32	1 11			
W20	1 10	0s34	3 9	8 46	0 52	4 21	1 4	22 13	0 35	1 44	1 4	19 54	0 22	18 6	0 22	8 7	1 32	3 28	15 47	11 53	12 20	16 31	9 32	1 11			
T 21	0 47	4 36	2 11	8 26	1 3	4 51	1 3	22 8	0 36	1 49	1 4	19 54	0 22	18 5	0 22	8 8	1 32	3 27	15 47	11 52	12 19	16 32	9 31	1 11			
F 22	0 24	8 22	1 7	8 2	1 12	5 21	1 1	22 3	0 37	1 54	1 4	19 55	0 22	18 5	0 22	8 8	1 32	3 27	15 48	11 51	12 18	16 33	9 30	1 11			
S 23	0 1	11 45	0 2	7 35	1 21	5 51	0 59	21 58	0 38	2 0	1 4	19 55	0 22	18 5	0 22	8 9	1 32	3 26	15 48	11 51	12 17	16 34	9 29	1 11			
S 24	0s22	14 36	1n 3	7 5	1 28	6 20	0 57	21 53	0 39	2 5	1 4	19 55	0 23	18 4	0 22	8 10	1 32	3 26	15 48	11 51	12 16	16 35	9 28	1 11			
M25	0 45	16 49	2 5	6 33	1 34	6 50	0 55	21 48	0 40	2 10	1 4	19 56	0 23	18 4	0 22	8 11	1 32	3 26	15 48	11 51	12 15	16 36	9 27	1 11			
T 26	1 8	18 18	3 1	5 58	1 39	7 20	0 53	21 43	0 41	2 15	1 4	19 56	0 23	18 4	0 22	8 11	1 32	3 25	15 49	11 52	12 14	16 37	9 26	1 11			
W27	1 32	19 0	3 50	5 21	1 44	7 49	0 52	21 37	0 42	2 20	1 4	19 56	0 23	18 3	0 22	8 12	1 32	3 25	15 49	11 52	12 13	16 38	9 25	1 10			
T 28	1 55	18 52	4 30	4 42	1 47	8 18	0 49	21 32	0 44	2 25	1 4	19 56	0 23	18 3	0 22	8 13	1 32	3 25	15 49	11 53	12 12	16 38	9 24	1 10			
F 29	2 18	17 50	4 58	4 2	1 49	8 47	0 47	21 26	0 45	2 30	1 4	19 57	0 23	18 3	0 22	8 14	1 32	3 24	15 49	11 53	12 10	16 39	9 23	1 10			
S 30	2s41	15s57	5n13	3n20	1n50	9s16	0n45	21n20	0n46	2s35	1n 4	19s57	0s23	18n 2	0s22	8s14	1n32	3n24	15s49	11s52	12s 9	16s40	9n22	1n10			

## ASTRODIENST EPHEMERIS for the year 2609

OCTOBER 2609

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 38 18	7♂45'24	7♂43	27♂40	27♂ 8	28♂ 7	9♂14	2°R18	22°R42	25♂ 6	24°R15	1°R13	2♂ 2	23♂ 4	21°R14	S 1
M 2	0 42 14	8°44'02	21° 1	29°31	28°22	28°42	9°27	2°17	22°38	25° 8	24°14	1♂10	1°59	23°11	21°11	M 2
T 3	0 46 11	9°42'42	4♂44	1♂21	29°36	29°17	9°40	2°17	22°38	25°10	24°13	1° 7	1°55	23°18	21° 9	T 3
W 4	0 50 8	10°41'24	18°52	3°12	0♂50	29°52	9°53	2°17	22°37	25°12	24°13	1° 4	1°52	23°24	21° 6	W 4
T 5	0 54 4	11°40'08	3°V22	5° 3	2° 4	0♂27	10° 6	2°16	22°35	25°14	24°12	1° 2	1°49	23°31	21° 3	T 5
F 6	0 58 1	12°38'53	18° 7	6°53	3°18	1° 2	10°19	2°16	22°33	25°17	24°11	1° 1	1°46	23°37	21° 1	F 6
S 7	1 1 57	13°37'41	3♂ 1	8°43	4°32	1°36	10°32	2°D16	22°32	25°19	24°10	1°D 0	1°43	23°44	20°58	S 7
S 8	1 5 54	14°36'30	17°55	10°33	5°46	2°11	10°45	2°16	22°30	25°21	24° 9	1° 1	1°39	23°51	20°55	S 8
M 9	1 9 50	15°35'22	2♂43	12°22	7° 0	2°45	10°58	2°16	22°28	25°23	24° 9	1° 2	1°36	23°57	20°53	M 9
T 10	1 13 47	16°34'16	17°17	14°10	8°14	3°19	11°10	2°17	22°26	25°25	24° 8	1° 3	1°33	24° 4	20°50	T 10
W 11	1 17 43	17°33'13	1♂35	15°58	9°28	3°53	11°23	2°17	22°24	25°28	24° 7	1° 4	1°30	24°11	20°47	W 11
T 12	1 21 40	18°32'11	15°34	17°45	10°42	4°27	11°36	2°18	22°23	25°30	24° 6	1°R 4	1°27	24°17	20°44	T 12
F 13	1 25 37	19°31'12	29°13	19°31	11°56	5° 1	11°49	2°18	22°21	25°32	24° 5	1° 4	1°24	24°24	20°42	F 13
S 14	1 29 33	20°30'16	12♂32	21°16	13°10	5°34	12° 2	2°19	22°19	25°34	24° 4	1° 4	1°20	24°31	20°39	S 14
S 15	1 33 30	21°29'21	25°35	23° 1	14°24	6° 7	12°15	2°20	22°17	25°36	24° 3	1° 3	1°17	24°37	20°36	S 15
M 16	1 37 26	22°28'29	8♂21	24°44	15°38	6°41	12°28	2°20	22°15	25°39	24° 2	1° 1	1°14	24°44	20°33	M 16
T 17	1 41 23	23°27'39	20°53	26°27	16°52	7°14	12°41	2°21	22°13	25°41	24° 1	1° 0	1°11	24°51	20°31	T 17
W 18	1 45 19	24°26'51	3♂13	28° 9	18° 6	7°46	12°54	2°22	22°10	25°43	24° 0	0°59	1° 8	24°57	20°28	W 18
T 19	1 49 16	25°26'05	15°23	29°51	19°20	8°19	13° 6	2°24	22° 8	25°45	24° 0	0°59	1° 5	25° 4	20°25	T 19
F 20	1 53 12	26°25'21	27°24	1♂31	20°34	8°51	13°19	2°25	22° 6	25°48	23°59	0°D59	1° 1	25°11	20°22	F 20
S 21	1 57 9	27°24'39	9♂18	3°11	21°48	9°24	13°32	2°26	22° 4	25°50	23°58	0°59	0°58	25°17	20°20	S 21
S 22	2 1 6	28°23'59	21° 8	4°50	23° 2	9°56	13°45	2°28	22° 2	25°52	23°57	0°59	0°55	25°24	20°17	S 22
M 23	2 5 2	29°23'21	2♂56	6°28	24°16	10°27	13°57	2°29	22° 0	25°54	23°56	0°59	0°52	25°31	20°14	M 23
T 24	2 8 59	0♂22'45	14°44	8° 6	25°30	10°59	14°10	2°31	21°57	25°57	23°55	0°59	0°49	25°37	20°12	T 24
W 25	2 12 55	1°22'11	26°35	9°43	26°44	11°31	14°23	2°33	21°55	25°59	23°54	0°R59	0°45	25°44	20° 9	W 25
T 26	2 16 52	2°21'39	8♂35	11°19	27°58	12° 2	14°35	2°34	21°53	26° 1	23°53	0°59	0°42	25°51	20° 6	T 26
F 27	2 20 48	3°21'08	20°46	12°54	29°12	12°33	14°48	2°36	21°51	26° 3	23°52	0°59	0°39	25°57	20° 4	F 27
S 28	2 24 45	4°20'40	3♂13	14°29	0♂26	13° 4	15° 1	2°38	21°48	26° 5	23°50	0°D59	0°36	26° 4	20° 1	S 28
S 29	2 28 41	5°20'12	15°59	16° 4	1°40	13°34	15°13	2°40	21°46	26° 8	23°49	0°59	0°33	26°11	19°58	S 29
M 30	2 32 38	6°19'47	29°10	17°37	2°54	14° 5	15°26	2°43	21°44	26°10	23°48	0°59	0°30	26°17	19°56	M 30
T 31	2 36 35	7♂19'23	12♂47	19♂10	4♂ 7	14♂35	15♂38	2♂45	21♂41	26♂12	23♂47	1♂ 0	0♂26	26♂24	19♂53	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	3s 4	13s14	5n13	2n37	1n51	9s45	0n43	21n14	0n47	2s40	1n 4	19s57	0s23	18n 2	0s22	8s15	1n32
M 2	3 27	9 45	4 57	1 53	1 50	10 13	0 41	21 8	0 48	2 45	1 4	19 57	0 23	18 2	0 22	8 16	1 32
T 3	3 50	5 40	4 23	1 8	1 49	10 42	0 39	21 2	0 49	2 50	1 4	19 57	0 23	18 1	0 22	8 17	1 32
W 4	4 13	1 8	3 32	0 23	1 48	11 10	0 36	20 56	0 50	2 55	1 4	19 58	0 23	18 1	0 22	8 18	1 32
T 5	4 36	3n35	2 27	0s23	1 45	11 37	0 34	20 50	0 52	3 0	1 4	19 58	0 23	18 0	0 22	8 18	1 32
F 6	4 59	8 10	1 11	1 9	1 43	12 5	0 32	20 43	0 53	3 5	1 4	19 58	0 23	18 0	0 22	8 19	1 32
S 7	5 22	12 18	0s11	1 55	1 39	12 32	0 29	20 37	0 54	3 10	1 4	19 58	0 23	17 59	0 22	8 20	1 32
S 8	5 44	15 38	1 32	2 42	1 36	12 59	0 27	20 30	0 55	3 15	1 4	19 58	0 23	17 59	0 22	8 21	1 32
M 9	6 7	17 54	2 47	3 28	1 31	13 25	0 24	20 24	0 56	3 20	1 4	19 58	0 23	17 59	0 22	8 22	1 32
T 10	6 30	18 57	3 49	4 14	1 27	13 52	0 22	20 17	0 58	3 25	1 4	19 58	0 23	17 58	0 22	8 22	1 32
W 11	6 52	18 45	4 36	5 0	1 22	14 18	0 19	20 10	0 59	3 30	1 4	19 58	0 23	17 58	0 22	8 23	1 32
T 12	7 14	17 24	5 6	5 45	1 17	14 43	0 17	20 3	1 0	3 35	1 4	19 58	0 23	17 57	0 22	8 24	1 32
F 13	7 37	15 4	5 17	6 31	1 11	15 8	0 14	19 56	1 1	3 40	1 4	19 58	0 23	17 57	0 22	8 25	1 32
S 14	7 59	12 0	5 11	7 15	1 6	15 33	0 12	19 49	1 2	3 45	1 4	19 57	0 23	17 56	0 22	8 26	1 32
S 15	8 21	8 25	4 49	8 0	1 0	15 58	0 9	19 42	1 4	3 50	1 4	19 57	0 23	17 56	0 22	8 26	1 32
M 16	8 43	4 30	4 13	8 43	0 53	16 22	0 6	19 35	1 5	3 55	1 4	19 57	0 23	17 55	0 22	8 27	1 32
T 17	9 5	0 28	3 25	9 26	0 47	16 46	0 4	19 28	1 6	4 0	1 4	19 57	0 24	17 55	0 22	8 28	1 32
W 18	9 27	3s33	2 28	10 9	0 41	17 9	0 1	19 21	1 8	4 5	1 4	19 57	0 24	17 54	0 22	8 29	1 32
T 19	9 48	7 21	1 26	10 51	0 34	17 32	0s 2	19 14	1 9	4 10	1 4	19 57	0 24	17 53	0 22	8 30	1 32
F 20	10 10	10 49	0 20	11 32	0 28	17 54	0 5	19 7	1 10	4 15	1 4	19 56	0 24	17 53	0 22	8 30	1 32
S 21	10 31	13 49	0n46	12 12	0 21	18 16	0 7	18 59	1 11	4 20	1 4	19 56	0 24	17 52	0 22	8 31	1 32
S 22	10 52	16 13	1 50	12 52	0 14	18 38	0 10	18 52	1 13	4 25	1 4	19 56	0 24	17 52	0 22	8 32	1 32
M 23	11 13	17 55	2 49	13 31	0 7	18 59	0 13	18 45	1 14	4 30	1 5	19 55	0 24	17 51	0 22	8 33	1 32
T 24	11 34	18 50	3 40	14 9	0 0	19 19	0 16	18 37	1 15	4 35	1 5	19 55	0 24	17 51	0 22	8 34	1 32
W 25	11 55	18 56	4 23	14 47	0s 7	19 39	0 18	18 30	1 17	4 39	1 5	19 55	0 24	17 50	0 22	8 34	1 32
T 26	12 15	18 11	4 54	15 23	0 13	19 59	0 21	18 23	1 18	4 44	1 5	19 54	0 24	17 50	0 22	8 35	1 32
F 27	12 35	16 36	5 13	15 59	0 20	20 18	0 24	18 15	1 19	4 49	1 5	19 54	0 24	17 49	0 22	8 36	1 32
S 28	12 55	14 13	5 18	16 34	0 27	20 36	0 27	18 8	1 21	4 54	1 5	19 54	0 24	17 48	0 22	8 37	1 32
S 29	13 15	11 6	5 7	17 8	0 34	20 54	0 29	18 0	1 22	4 59	1 5	19 53	0 24	17 48	0 22	8 38	1 32
M 30	13 35	7 20	4 40	17 41	0 41	21 12	0 32	17 53	1 24	5 3	1 5	19 53	0 24	17 47	0 22	8 38	1 32
T 31	13s55	3s 5	3n57	18s13	0s48	21s28	0s35	17n45	1n25	5s 8	1n 5	19s52	0s24	17n47	0s22	8s39	1n32

Julian Day Number = 2674250.5, Delta T = 20m50s

Ecliptic obliquity = 23°21'29", Nutation = 0°00'09"

Ayanamsha: Fagan/Bradley = 33°16'08", Lahiri = 32°23'08"

## ASTRODIENST EPHEMERIS for the year 2609

NOVEMBER 2609

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 40 31	8♂19°01	26♂51	20♂43	5♂21	15♂5	15♂51	2♂47	21♂R39	26♂14	23♂R46	1♂1	0♂23	26♂31	19♂R51	W 1
T 2	2 44 28	9°18'40	11♂21	22°15	6°35	15°35	16° 3	2°50	21♂R36	26°16	23♂R45	1° 1	0°20	26°37	19♂R48	T 2
F 3	2 48 24	10°18'22	26°13	23°46	7°49	16° 4	16°16	2°52	21°34	26°19	23°44	1°R 1	0°17	26°44	19°46	F 3
S 4	2 52 21	11°18'05	11♂19	25°17	9° 3	16°34	16°28	2°55	21°32	26°21	23°43	1° 1	0°14	26°51	19°43	S 4
S 5	2 56 17	12°17'51	26°32	26°47	10°17	17° 3	16°40	2°58	21°29	26°23	23°42	1° 1	0°10	26°57	19°41	S 5
M 6	3 0 14	13°17'38	11♂40	28°17	11°30	17°31	16°52	3° 1	21°27	26°25	23°41	1° 0	0° 7	27° 4	19°38	M 6
T 7	3 4 10	14°17'27	26°36	29°46	12°44	18° 0	17° 5	3° 4	21°24	26°27	23°40	0°58	0° 4	27°11	19°36	T 7
W 8	3 8 7	15°17'19	11♂11	1♂14	13°58	18°28	17°17	3° 7	21°22	26°29	23°39	0°56	0° 1	27°17	19°33	W 8
T 9	3 12 4	16°17'13	25°22	2°42	15°12	18°56	17°29	3°10	21°19	26°32	23°37	0°55	29♂58	27°24	19°31	T 9
F 10	3 16 0	17°17'09	9♂7	4° 9	16°25	19°24	17°41	3°13	21°17	26°34	23°36	0°54	29°55	27°31	19°29	F 10
S 11	3 19 57	18°17'07	22°26	5°36	17°39	19°52	17°53	3°16	21°14	26°36	23°35	0°D54	29°51	27°37	19°26	S 11
S 12	3 23 53	19°17'07	5♂22	7° 2	18°53	20°19	18° 5	3°20	21°12	26°38	23°34	0°54	29°48	27°44	19°24	S 12
M13	3 27 50	20°17'09	17°58	8°28	20° 7	20°46	18°17	3°23	21° 9	26°40	23°33	0°56	29°45	27°50	19°22	M13
T 14	3 31 46	21°17'14	0♂18	9°52	21°20	21°13	18°29	3°27	21° 7	26°42	23°32	0°57	29°42	27°57	19°19	T 14
W15	3 35 43	22°17'20	12°25	11°16	22°34	21°39	18°41	3°31	21° 5	26°44	23°31	0°59	29°39	28° 4	19°17	W15
T 16	3 39 39	23°17'28	24°23	12°40	23°48	22° 5	18°52	3°34	21° 2	26°46	23°30	1° 0	29°36	28°10	19°15	T 16
F 17	3 43 36	24°17'39	6♂15	14° 2	25° 1	22°31	19° 4	3°38	21° 0	26°48	23°28	1°R 0	29°32	28°17	19°13	F 17
S 18	3 47 32	25°17'51	18° 5	15°23	26°15	22°57	19°16	3°42	20°57	26°50	23°27	0°59	29°29	28°24	19°11	S 18
S 19	3 51 29	26°18'05	29°53	16°44	27°29	23°22	19°27	3°46	20°55	26°52	23°26	0°56	29°26	28°30	19° 9	S 19
M20	3 55 26	27°18'20	11♂42	18° 3	28°42	23°47	19°39	3°50	20°52	26°54	23°25	0°52	29°23	28°37	19° 7	M20
T 21	3 59 22	28°18'38	23°33	19°21	29°56	24°11	19°50	3°54	20°50	26°56	23°24	0°48	29°20	28°44	19° 5	T 21
W22	4 3 19	29°18'57	5♂30	20°37	1♂10	24°35	20° 2	3°58	20°47	26°58	23°23	0°43	29°16	28°50	19° 3	W22
T 23	4 7 15	0♂19'17	17°34	21°52	2°23	24°59	20°13	4° 3	20°45	27° 0	23°22	0°37	29°13	28°57	19° 1	T 23
F 24	4 11 12	1°19'39	29°48	23° 5	3°37	25°23	20°24	4° 7	20°42	27° 2	23°21	0°33	29°10	29° 4	18°59	F 24
S 25	4 15 8	2°20'02	12♂15	24°17	4°50	25°46	20°36	4°12	20°40	27° 4	23°20	0°30	29° 7	29°10	18°57	S 25
S 26	4 19 5	3°20'27	24°58	25°25	6° 4	26° 9	20°47	4°16	20°38	27° 6	23°18	0°28	29° 4	29°17	18°55	S 26
M27	4 23 2	4°20'53	8♂1	26°32	7°17	26°31	20°58	4°21	20°35	27° 8	23°17	0°D28	29° 1	29°24	18°54	M27
T 28	4 26 58	5°21'20	21°26	27°35	8°31	26°53	21° 9	4°25	20°33	27°10	23°16	0°29	28°57	29°30	18°52	T 28
W29	4 30 55	6°21'48	5♂17	28°36	9°44	27°15	21°20	4°30	20°30	27°11	23°15	0°30	28°54	29°37	18°50	W29
T 30	4 34 51	7♂22'18	19♂34	29♂32	10♂58	27♂36	21♂30	4♂35	20♂28	27♂13	23♂14	0♂31	28♂51	29♂44	18♂49	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	14s14	1n29	2n59	18s45	0s54	21s44	0s38	17n38	1n26	5s13	1n 5	19s52	0s24	17n46	0s22	8s40
T 2	14 33	6 7	1 47	19 15	1 1	22 0	0 40	17 31	1 28	5 17	1 5	19 51	0 24	17 45	0 22	8 41
F 3	14 52	10 30	0 27	19 44	1 7	22 15	0 43	17 23	1 29	5 22	1 5	19 51	0 24	17 45	0 22	8 42
S 4	15 10	14 16	0s57	20 13	1 14	22 29	0 46	17 16	1 31	5 27	1 5	19 50	0 24	17 44	0 22	8 42
S 5	15 28	17 5	2 17	20 40	1 20	22 43	0 49	17 8	1 32	5 31	1 5	19 49	0 24	17 43	0 22	8 43
M 6	15 47	18 41	3 27	21 7	1 26	22 56	0 51	17 1	1 34	5 36	1 5	19 49	0 24	17 43	0 22	8 44
T 7	16 4	18 57	4 22	21 32	1 32	23 8	0 54	16 54	1 35	5 41	1 6	19 48	0 24	17 42	0 22	8 45
W 8	16 22	17 56	4 58	21 56	1 38	23 20	0 57	16 46	1 37	5 45	1 6	19 47	0 24	17 42	0 22	8 45
T 9	16 39	15 49	5 15	22 20	1 44	23 31	0 59	16 39	1 38	5 50	1 6	19 47	0 24	17 41	0 22	8 46
F 10	16 56	12 52	5 14	22 42	1 49	23 42	1 2	16 32	1 40	5 54	1 6	19 46	0 24	17 40	0 22	8 47
S 11	17 13	9 20	4 55	23 3	1 55	23 51	1 4	16 25	1 41	5 59	1 6	19 45	0 24	17 40	0 22	8 48
S 12	17 29	5 27	4 21	23 23	2 0	24 0	1 7	16 17	1 43	6 3	1 6	19 45	0 25	17 39	0 22	8 48
M13	17 45	1 25	3 36	23 42	2 5	24 9	1 9	16 10	1 44	6 8	1 6	19 44	0 25	17 38	0 22	8 49
T 14	18 1	2s35	2 42	23 59	2 9	24 16	1 12	16 3	1 46	6 12	1 6	19 43	0 25	17 38	0 22	8 50
W15	18 17	6 26	1 41	24 16	2 14	24 23	1 14	15 56	1 48	6 16	1 6	19 42	0 25	17 37	0 22	8 50
T 16	18 32	9 59	0 36	24 31	2 18	24 29	1 17	15 49	1 49	6 21	1 6	19 41	0 25	17 36	0 22	8 51
F 17	18 47	13 6	0n29	24 45	2 22	24 35	1 19	15 42	1 51	6 25	1 7	19 40	0 25	17 36	0 22	8 52
S 18	19 1	15 40	1 33	24 58	2 25	24 40	1 21	15 36	1 52	6 29	1 7	19 40	0 25	17 35	0 22	8 53
S 19	19 16	17 34	2 32	25 9	2 28	24 44	1 24	15 29	1 54	6 33	1 7	19 39	0 25	17 35	0 22	8 53
M20	19 29	18 43	3 25	25 20	2 31	24 47	1 26	15 22	1 56	6 38	1 7	19 38	0 25	17 34	0 22	8 54
T 21	19 43	19 3	4 10	25 29	2 33	24 50	1 28	15 16	1 57	6 42	1 7	19 37	0 25	17 33	0 22	8 55
W22	19 56	18 32	4 43	25 36	2 35	24 51	1 30	15 9	1 59	6 46	1 7	19 36	0 25	17 33	0 22	8 55
T 23	20 9	17 10	5 5	25 43	2 36	24 52	1 32	15 3	2 1	6 50	1 7	19 35	0 25	17 32	0 22	8 56
F 24	20 21	15 1	5 13	25 48	2 37	24 53	1 34	14 57	2 3	6 54	1 7	19 34	0 25	17 31	0 21	8 57
S 25	20 33	12 10	5 6	25 52	2 38	24 52	1 36	14 50	2 4	6 58	1 7	19 33	0 25	17 31	0 21	8 57
S 26	20 45	8 41	4 45	25 54	2 37	24 51	1 38	14 44	2 6	7 2	1 8	19 32	0 25	17 30	0 21	8 58
M27	20 56	4 42	4 8	25 55	2 36	24 49	1 40	14 38	2 8	7 6	1 8	19 31	0 25	17 30	0 21	8 59
T 28	21 7	0 21	3 17	25 55	2 35	24 47	1 42	14 32	2 10	7 10	1 8	19 30	0 25	17 29	0 21	8 59
W29	21 18	4n 8	2 13	25 54	2 33	24 43	1 44	14 27	2 12	7 14	1 8	19 29	0 25	17 28	0 21	9 0
T 30	21s28	8n33	0n59	25s51	2s29	24s39	1s45	14n21	2n13	7s18	1n 8	19s28	0s25	17n28	0s21	9s 0

Julian Day Number = 2674281.5, Delta T = 20m51s

Ecliptic obliquity = 23°21'28", Nutation = 0°00'07"

Ayanamsha: Fagan/Bradley = 33°16'12", Lahiri = 32°23'12"



## ASTRODIENST EPHEMERIS for the year 2610

JANUARY 2610

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	6 41 1	9♂49'10	27II48	18♂44	19♂49	4♂30	26♂24	7♂41	19°R27	27♂59	22°R44	28°R15	27♂9	3♂17	18°V24	M 1
T 2	6 44 58	10°50'13	12♂50	19°22	21° 1	4°33	26°31	7°47	19♂26	28° 0	22♂44	28♂4	27° 6	3°24	18°24	T 2
W 3	6 48 54	11°51'17	27°50	20° 6	22°13	4°35	26°38	7°54	19°25	28° 0	22°43	27°53	27° 3	3°31	18°25	W 3
T 4	6 52 51	12°52'21	12♂9	20°55	23°24	4°36	26°45	8° 1	19°24	28° 1	22°42	27°42	27° 0	3°37	18°25	T 4
F 5	6 56 47	13°53'25	26°12	21°49	24°36	4°R36	26°52	8° 7	19°23	28° 2	22°42	27°32	26°57	3°44	18°25	F 5
S 6	7 0 44	14°54'30	9♂46	22°47	25°48	4°36	26°59	8°14	19°21	28° 3	22°41	27°25	26°54	3°51	18°26	S 6
S 7	7 4 40	15°55'36	22°51	23°48	26°59	4°34	27° 5	8°21	19°20	28° 4	22°40	27°21	26°50	3°57	18°26	S 7
M 8	7 8 37	16°56'42	5♂30	24°53	28°11	4°32	27°12	8°28	19°19	28° 5	22°40	27°19	26°47	4° 0	18°26	M 8
T 9	7 12 33	17°57'48	17°48	26° 1	29°22	4°29	27°18	8°34	19°18	28° 5	22°39	27°D18	26°44	4°11	18°27	T 9
W10	7 16 30	18°58'55	29°51	27°11	0♂33	4°26	27°24	8°41	19°17	28° 6	22°39	27°R18	26°41	4°17	18°28	W10
T 11	7 20 27	20° 0'03	11♂43	28°23	1°45	4°21	27°30	8°48	19°17	28° 7	22°38	27°17	26°38	4°24	18°28	T 11
F 12	7 24 23	21° 1'11	23°31	29°37	2°56	4°16	27°35	8°55	19°16	28° 7	22°37	27°15	26°34	4°31	18°29	F 12
S 13	7 28 20	22° 2'19	5♂18	0♂53	4° 7	4°10	27°41	9° 2	19°15	28° 8	22°37	27°10	26°31	4°37	18°30	S 13
S 14	7 32 16	23° 3'28	17°10	2°11	5°18	4° 3	27°47	9° 9	19°14	28° 8	22°36	27° 2	26°28	4°44	18°30	S 14
M15	7 36 13	24° 4'36	29° 9	3°30	6°28	3°55	27°52	9°16	19°14	28° 9	22°36	26°51	26°25	4°51	18°31	M15
T 16	7 40 9	25° 5'45	11♂17	4°50	7°39	3°46	27°57	9°23	19°13	28° 9	22°36	26°38	26°22	4°57	18°32	T 16
W17	7 44 6	26° 6'54	23°37	6°12	8°50	3°37	28° 2	9°30	19°12	28°10	22°35	26°23	26°19	5° 4	18°33	W17
T 18	7 48 2	27° 8'03	6♂8	7°34	10° 0	3°27	28° 7	9°37	19°12	28°10	22°35	26° 8	26°15	5°11	18°34	T 18
F 19	7 51 59	28° 9'11	18°50	8°58	11°11	3°16	28°11	9°44	19°11	28°11	22°34	25°55	26°12	5°17	18°35	F 19
S 20	7 55 56	29°10'19	1♂43	10°22	12°21	3° 4	28°16	9°51	19°11	28°11	22°34	25°44	26° 9	5°24	18°36	S 20
S 21	7 59 52	0♂11'27	14°47	11°47	13°31	2°51	28°20	9°58	19°11	28°11	22°34	25°36	26° 6	5°31	18°38	S 21
M22	8 3 49	1°12'34	28° 1	13°13	14°41	2°38	28°24	10° 5	19°10	28°12	22°33	25°31	26° 3	5°37	18°39	M22
T 23	8 7 45	2°13'41	11°V27	14°40	15°51	2°24	28°28	10°12	19°10	28°12	22°33	25°29	26° 0	5°44	18°40	T 23
W24	8 11 42	3°14'47	25° 6	16° 7	17° 0	2° 9	28°32	10°19	19°10	28°12	22°33	25°28	25°56	5°51	18°41	W24
T 25	8 15 38	4°15'53	8♂59	17°35	18°10	1°53	28°35	10°26	19°10	28°12	22°32	25°28	25°53	5°57	18°43	T 25
F 26	8 19 35	5°16'58	23° 6	19° 4	19°19	1°36	28°39	10°33	19° 9	28°12	22°32	25°27	25°50	6° 4	18°44	F 26
S 27	8 23 31	6°18'02	7II27	20°33	20°28	1°19	28°42	10°40	19° 9	28°12	22°32	25°24	25°47	6°11	18°46	S 27
S 28	8 27 28	7°19'05	21°58	22° 3	21°37	1° 2	28°45	10°48	19°D 9	28°13	22°32	25°18	25°44	6°17	18°47	S 28
M29	8 31 25	8°20'08	6♂37	23°34	22°46	0°43	28°48	10°55	19° 9	28°13	22°32	25°10	25°40	6°24	18°49	M29
T 30	8 35 21	9°21'10	21°16	25° 5	23°55	0°24	28°51	11° 2	19°10	28°R13	22°31	24°59	25°37	6°31	18°50	T 30
W31	8 39 18	10°22'11	5♂47	26♂36	25♂3	0♂5	28♂53	11♂9	19♂10	28♂13	22♂31	24♂47	25♂34	6♂37	18°V52	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	23s 0	19n 0	4s21	20s18	2n35	16s41	1s58	12n57	3n21	9s 1	1n14	18s43	0s27	17n12	0s21	M 1
T 2	22 55	17 55	4 51	20 27	2 29	16 17	1 56	12 58	3 24	9 3	1 14	18 41	0 27	17 12	0 21	T 2
W 3	22 50	15 37	5 2	20 38	2 22	15 53	1 55	13 0	3 26	9 5	1 14	18 40	0 27	17 11	0 21	W 3
T 4	22 44	12 25	4 52	20 49	2 14	15 28	1 54	13 2	3 29	9 8	1 14	18 38	0 27	17 11	0 21	T 4
F 5	22 38	8 35	4 25	21 0	2 7	15 3	1 52	13 4	3 31	9 10	1 14	18 36	0 27	17 11	0 21	F 5
S 6	22 32	4 25	3 44	21 12	1 58	14 37	1 51	13 6	3 33	9 12	1 15	18 35	0 27	17 11	0 21	S 6
S 7	22 25	0 12	2 52	21 23	1 50	14 11	1 49	13 9	3 36	9 14	1 15	18 33	0 27	17 10	0 21	S 7
M 8	22 17	3s54	1 53	21 34	1 41	13 45	1 47	13 12	3 38	9 16	1 15	18 31	0 27	17 10	0 21	M 8
T 9	22 9	7 44	0 50	21 45	1 33	13 18	1 45	13 15	3 40	9 18	1 15	18 30	0 27	17 10	0 21	T 9
W10	22 1	11 10	0n13	21 55	1 24	12 51	1 43	13 19	3 43	9 20	1 15	18 28	0 27	17 10	0 21	W10
T 11	21 52	14 6	1 16	22 5	1 15	12 24	1 41	13 22	3 45	9 22	1 16	18 26	0 27	17 9	0 21	T 11
F 12	21 43	16 25	2 14	22 15	1 7	11 56	1 39	13 26	3 47	9 24	1 16	18 24	0 27	17 9	0 21	F 12
S 13	21 34	18 3	3 7	22 23	0 58	11 28	1 37	13 31	3 50	9 26	1 16	18 23	0 27	17 9	0 21	S 13
S 14	21 24	18 54	3 51	22 31	0 50	11 0	1 35	13 36	3 52	9 28	1 16	18 21	0 27	17 9	0 20	S 14
M15	21 13	18 55	4 26	22 38	0 41	10 32	1 32	13 40	3 54	9 29	1 17	18 19	0 27	17 9	0 20	M15
T 16	21 2	18 5	4 49	22 44	0 33	10 3	1 29	13 46	3 56	9 31	1 17	18 17	0 27	17 8	0 20	T 16
W17	20 51	16 23	4 59	22 49	0 24	9 34	1 27	13 51	3 59	9 32	1 17	18 15	0 28	17 8	0 20	W17
T 18	20 40	13 54	4 55	22 52	0 16	9 5	1 24	13 57	4 1	9 34	1 17	18 14	0 28	17 8	0 20	T 18
F 19	20 28	10 45	4 36	22 55	0 8	8 36	1 21	14 3	4 3	9 35	1 17	18 12	0 28	17 8	0 20	F 19
S 20	20 15	7 2	4 3	22 57	0 0	8 7	1 18	14 9	4 5	9 37	1 18	18 10	0 28	17 8	0 20	S 20
S 21	20 2	2 56	3 17	22 58	0s 8	7 37	1 15	14 16	4 7	9 38	1 18	18 8	0 28	17 8	0 20	S 21
M22	19 49	1n21	2 20	22 57	0 15	7 7	1 12	14 23	4 9	9 39	1 18	18 6	0 28	17 8	0 20	M22
T 23	19 36	5 39	1 13	22 56	0 23	6 37	1 8	14 29	4 11	9 40	1 18	18 4	0 28	17 8	0 20	T 23
W24	19 22	9 43	0 2	22 53	0 30	6 7	1 5	14 37	4 13	9 41	1 19	18 3	0 28	17 8	0 20	W24
T 25	19 8	13 19	1s11	22 49	0 37	5 37	1 2	14 44	4 15	9 42	1 19	18 1	0 28	17 8	0 20	T 25
F 26	18 53	16 13	2 21	22 44	0 44	5 6	0 58	14 52	4 17	9 43	1 19	17 59	0 28	17 8	0 20	F 26
S 27	18 38	18 9	3 23	22 37	0 50	4 36	0 54	14 59	4 18	9 44	1 19	17 57	0 28	17 8	0 20	S 27
S 28	18 23	18 55	4 12	22 29	0 57	4 5	0 50	15 7	4 20	9 45	1 20	17 55	0 28	17 8	0 20	S 28
M29	18 7	18 26	4 46	22 20	1 3	3 34	0 46	15 15	4 22	9 46	1 20	17 53	0 28	17 8	0 20	M29
T 30	17 51	16 44	5 0	22 10	1 9	3 4	0 42	15 23	4 23	9 47	1 20	17 51	0 28	17 8	0 20	T 30
W31	17s35	13n59	4s56	21s59	1s14	2s33	0s38	15n32	4n24	9s47	1n20	17s50	0s28	17n 8	0s20	W31

Julian Day Number = 2674342.5, Delta T = 20m51s

Ecliptic obliquity = 23°21'27", Nutation = 0°00'09"

Ayanamsha: Fagan/Bradley = 33°16'21", Lahiri = 32°23'20"

## ASTRODIENST EPHEMERIS for the year 2610

FEBRUARY 2610

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 43 14	11°23'12"	20°03'	28°08'	26°12'	29°R44	28°56'	11°16'	19°10'	28°R12	22°R31	24°R36	25°531	6°44	18°54	T 1
F 2	8 47 11	12°24'11"	3°19'59"	29°41'	27°20'	29°R24	28°58'	11°23'	19°10'	28°R12	22°R31	24°R26	25°28	6°51	18°56	F 2
S 3	8 51 7	13°25'11"	17°31'	1°15'	28°28'	29° 2	29° 0	11°30'	19°11'	28°12'	22°31'	24°18'	25°25	6°57	18°57	S 3
S 4	8 55 4	14°26'10"	0°238	2°49'	29°36'	28°41'	29° 2	11°37'	19°11'	28°12'	22°31'	24°13'	25°21	7° 4	18°59	S 4
M 5	8 59 0	15°27'08"	13°20'	4°23'	0°Y43	28°19'	29° 3	11°45'	19°11'	28°12'	22°31'	24°10'	25°18	7°11	19° 1	M 5
T 6	9 2 57	16°28'05"	25°42'	5°59'	1°50'	27°56'	29° 5	11°52'	19°12'	28°12'	22°D31	24°D10	25°15	7°18	19° 3	T 6
W 7	9 6 54	17°29'02"	7°148	7°34'	2°57'	27°33'	29° 6	11°59'	19°12'	28°11'	22°31'	24°10'	25°12	7°24	19° 5	W 7
T 8	9 10 50	18°29'59"	19°43'	9°11'	4° 4'	27°10'	29° 7	12° 6'	19°13'	28°11'	22°31'	24°R11	25° 9	7°31	19° 7	T 8
F 9	9 14 47	19°30'55"	1°232	10°48'	5°11'	26°47'	29° 8	12°13'	19°13'	28°11'	22°31'	24°10'	25° 6	7°38	19° 9	F 9
S 10	9 18 43	20°31'50"	13°22'	12°26'	6°17'	26°23'	29° 8	12°20'	19°14'	28°10'	22°31'	24° 7	25° 2	7°44	19°12	S 10
S 11	9 22 40	21°32'45"	25°16'	14° 5'	7°24'	25°59'	29° 9	12°27'	19°15'	28°10'	22°31'	24° 1	24°59	7°51	19°14	S 11
M12	9 26 36	22°33'39"	7°319	15°44'	8°30'	25°35'	29° 9	12°34'	19°16'	28°10'	22°31'	23°54	24°56	7°58	19°16	M12
T13	9 30 33	23°34'32"	19°35'	17°24'	9°35'	25°11'	29°R 9	12°41'	19°16'	28° 9	22°31'	23°44	24°53	8° 4	19°18	T13
W14	9 34 29	24°35'24"	2°26	19° 5'	10°41'	24°47'	29° 9	12°48'	19°17'	28° 9	22°32'	23°33	24°50	8°11	19°21	W14
T15	9 38 26	25°36'15"	14°52'	20°46'	11°46'	24°23'	29° 9	12°55'	19°18'	28° 8	22°32'	23°22	24°46	8°18	19°23	T15
F16	9 42 23	26°37'05"	27°53'	22°28'	12°51'	23°59'	29° 8	13° 2'	19°19'	28° 7	22°32'	23°11	24°43	8°24	19°25	F16
S17	9 46 19	27°37'54"	11°18	24°11'	13°55'	23°35'	29° 8	13° 9'	19°20'	28° 7	22°32'	23° 3	24°40	8°31	19°28	S17
S18	9 50 16	28°38'41"	24°35'	25°55'	15° 0'	23°12'	29° 7	13°16'	19°21'	28° 6	22°33'	22°57	24°37	8°38	19°30	S18
M19	9 54 12	29°39'28"	8°Y13	27°40'	16° 4'	22°48'	29° 6	13°23'	19°23'	28° 6	22°33'	22°53	24°34	8°44	19°33	M19
T20	9 58 9	0°40'12"	21°59'	29°25'	17° 7'	22°25'	29° 5	13°30'	19°24'	28° 5	22°33'	22°D52	24°31	8°51	19°35	T20
W21	10 2 5	1°40'56"	5°53	1°11'	18°11'	22° 2	29° 3	13°37'	19°25'	28° 4	22°33'	22°53	24°27	8°58	19°38	W21
T22	10 6 2	2°41'37"	19°52'	2°58'	19°14'	21°39'	29° 2	13°44'	19°26'	28° 3	22°34'	22°54	24°24	9° 4	19°41	T22
F23	10 9 58	3°42'18"	3°158	4°45'	20°16'	21°17'	29° 0	13°51'	19°28'	28° 3	22°34'	22°R54	24°21	9°11	19°43	F23
S24	10 13 55	4°42'56"	18° 7'	6°34'	21°18'	20°55'	28°58'	13°58'	19°29'	28° 2	22°35'	22°54	24°18	9°18	19°46	S24
S25	10 17 52	5°43'33"	2°219	8°23'	22°20'	20°34'	28°56'	14° 4'	19°30'	28° 1	22°35'	22°51	24°15	9°24	19°49	S25
M26	10 21 48	6°44'08"	16°32'	10°13'	23°22'	20°13'	28°53'	14°11'	19°32'	28° 0	22°35'	22°46	24°11	9°31	19°51	M26
T27	10 25 45	7°44'42"	0°242	12° 3'	24°23'	19°53'	28°51'	14°18'	19°33'	27°59'	22°36'	22°39	24° 8	9°38	19°54	T27
W28	10 29 41	8°45'14"	14°244	13°54	25°Y24	19°R33	28°48'	14°25'	19°35'	27°58'	22°36'	22°32	24° 5	9°45	19°57	W28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	17s18	10n26	4s32	21s46	1s20	2s 2	0s34	15n40	4n26	9s48	1n21	17s48	0s29	17n 8	0s20	9s18
F 2	17 1	6 23	3 53	21 32	1 25	1 31	0 30	15 49	4 27	9 49	1 21	17 46	0 29	17 8	0 20	9 18
S 3	16 44	2 8	3 2	21 17	1 30	1 0	0 26	15 57	4 28	9 49	1 21	17 44	0 29	17 8	0 20	9 18
S 4	16 27	2s 7	2 2	21 0	1 35	0 29	0 21	16 6	4 29	9 49	1 21	17 42	0 29	17 8	0 20	9 18
M 5	16 9	6 8	0 57	20 42	1 39	0n 2	0 16	16 15	4 30	9 50	1 21	17 40	0 29	17 9	0 20	9 18
T 6	15 51	9 46	0n 8	20 23	1 43	0 33	0 12	16 23	4 31	9 50	1 22	17 38	0 29	17 9	0 20	9 18
W 7	15 32	12 56	1 12	20 2	1 47	1 4	0 7	16 32	4 32	9 50	1 22	17 36	0 29	17 9	0 20	9 18
T 8	15 14	15 29	2 12	19 40	1 50	1 35	0 2	16 41	4 32	9 50	1 22	17 34	0 29	17 9	0 20	9 17
F 9	14 55	17 22	3 6	19 17	1 53	2 6	0n 3	16 49	4 33	9 50	1 22	17 32	0 29	17 9	0 20	9 17
S 10	14 36	18 30	3 51	18 52	1 56	2 36	0 8	16 58	4 33	9 50	1 23	17 31	0 29	17 9	0 20	9 17
S 11	14 16	18 49	4 27	18 27	1 59	3 7	0 13	17 6	4 34	9 50	1 23	17 29	0 29	17 10	0 20	9 17
M12	13 57	18 18	4 52	17 59	2 1	3 38	0 18	17 15	4 34	9 50	1 23	17 27	0 29	17 10	0 20	9 17
T13	13 37	16 56	5 3	17 31	2 3	4 8	0 23	17 23	4 34	9 50	1 23	17 25	0 29	17 10	0 20	9 17
W14	13 17	14 44	5 1	17 1	2 4	4 39	0 28	17 31	4 34	9 50	1 24	17 23	0 29	17 10	0 20	9 16
T15	12 57	11 48	4 43	16 30	2 5	5 9	0 34	17 39	4 34	9 50	1 24	17 21	0 30	17 11	0 20	9 16
F16	12 36	8 14	4 11	15 58	2 6	5 40	0 39	17 47	4 34	9 49	1 24	17 19	0 30	17 11	0 20	9 16
S17	12 15	4 13	3 24	15 24	2 6	6 10	0 45	17 55	4 33	9 49	1 24	17 17	0 30	17 11	0 20	9 16
S18	11 54	0n 5	2 26	14 49	2 6	6 40	0 50	18 2	4 33	9 48	1 25	17 15	0 30	17 12	0 20	9 15
M19	11 33	4 27	1 18	14 12	2 5	7 10	0 56	18 9	4 32	9 48	1 25	17 13	0 30	17 12	0 20	9 15
T20	11 12	8 37	0 5	13 35	2 4	7 39	1 2	18 16	4 32	9 47	1 25	17 11	0 30	17 12	0 20	9 15
W21	10 50	12 21	1s10	12 56	2 3	8 9	1 8	18 23	4 31	9 46	1 25	17 10	0 30	17 13	0 20	9 14
T22	10 29	15 24	2 20	12 16	2 1	8 38	1 13	18 30	4 30	9 45	1 26	17 8	0 30	17 13	0 20	9 14
F23	10 7	17 33	3 23	11 34	1 58	9 7	1 19	18 36	4 29	9 45	1 26	17 6	0 30	17 13	0 19	9 14
S24	9 45	18 37	4 14	10 52	1 55	9 36	1 25	18 42	4 28	9 44	1 26	17 4	0 30	17 14	0 19	9 13
S25	9 23	18 31	4 49	10 8	1 52	10 5	1 31	18 48	4 27	9 43	1 26	17 2	0 30	17 14	0 19	9 13
M26	9 1	17 16	5 6	9 23	1 48	10 33	1 38	18 54	4 26	9 42	1 26	17 0	0 30	17 15	0 19	9 13
T27	8 38	14 58	5 5	8 37	1 43	11 2	1 44	18 59	4 24	9 41	1 27	16 58	0 31	17 15	0 19	9 12
W28	8s16	11n48	4s46	7s49	1s38	11n30	1n50	19n 4	4n23	9s39	1n27	16s56	0s31	17n15	0s19	9s12

Julian Day Number = 2674373.5, Delta T = 20m52s

Ecliptic obliquity = 23°21'28", Nutation = 0°00'09"

Ayanamsha: Fagan/Bradley = 33°16'25", Lahiri = 32°23'25"

## ASTRODIENST EPHEMERIS for the year 2610

MARCH 2610

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 33 38	9°45'44"	28°03'35"	15°46'24"	26°47'24"	19°R14	28°R45	14°31'31"	19°03'37"	27°R57	22°03'37"	22°R24	24°02'24"	9°57'51"	20°47'00"	T 1
F 2	10 37 34	10°46'12"	12°07'10"	17°37'29"	27°24'29"	18°05'55"	28°04'42"	14°38'45"	19°38'45"	27°05'56"	22°37'29"	22°05'18"	23°59'05"	9°58'20"	20°3'20"	F 2
S 3	10 41 31	11°46'39"	25°27'29"	19°29'29"	28°23'29"	18°37'29"	28°39'29"	14°45'29"	19°40'29"	27°55'29"	22°38'29"	22°13'29"	23°56'29"	10°5'29"	20°6'29"	S 3
S 4	10 45 27	12°47'05"	8°02'25"	21°22'29"	29°22'29"	18°20'29"	28°35'29"	14°51'29"	19°42'29"	27°54'29"	22°38'29"	22°10'29"	23°52'29"	10°11'29"	20°9'29"	S 4
M 5	10 49 24	13°47'29"	21°3'29"	23°14'29"	0°08'20"	18°3'29"	28°32'29"	14°58'29"	19°44'29"	27°53'29"	22°39'29"	22°D 9	23°49'29"	10°18'29"	20°12'29"	M 5
T 6	10 53 21	14°47'51"	3°03'24"	25°5'29"	1°18'29"	17°47'29"	28°28'29"	15°4'29"	19°45'29"	27°52'29"	22°40'29"	22°10'29"	23°46'29"	10°25'29"	20°15'29"	T 6
W 7	10 57 17	15°48'13"	15°31'29"	26°56'29"	2°15'29"	17°32'29"	28°24'29"	15°11'29"	19°47'29"	27°51'29"	22°40'29"	22°11'29"	23°43'29"	10°31'29"	20°18'29"	W 7
T 8	11 1 14	16°48'33"	27°28'29"	28°47'29"	3°12'29"	17°18'29"	28°20'29"	15°17'29"	19°49'29"	27°50'29"	22°41'29"	22°13'29"	23°40'29"	10°38'29"	20°21'29"	T 8
F 9	11 5 10	17°48'51"	9°07'20"	0°47'36"	4°8'29"	17°4'29"	28°16'29"	15°24'29"	19°51'29"	27°49'29"	22°41'29"	22°14'29"	23°37'29"	10°45'29"	20°24'29"	F 9
S 10	11 9 7	18°49'08"	21°11'29"	2°23'29"	5°4'29"	16°51'29"	28°11'29"	15°30'29"	19°53'29"	27°48'29"	22°42'29"	22°R15	23°33'29"	10°51'29"	20°27'29"	S 10
S 11	11 13 3	19°49'24"	3°03'6"	4°9'29"	5°59'29"	16°39'29"	28°6'29"	15°36'29"	19°55'29"	27°47'29"	22°43'29"	22°14'29"	23°30'29"	10°58'29"	20°30'29"	S 11
M12	11 17 0	20°49'38"	15°11'29"	5°52'29"	6°53'29"	16°27'29"	28°2'29"	15°43'29"	19°57'29"	27°45'29"	22°44'29"	22°11'29"	23°27'29"	11°5'29"	20°33'29"	M12
T13	11 20 56	21°49'51"	27°29'29"	7°31'29"	7°47'29"	16°16'29"	27°57'29"	15°49'29"	19°59'29"	27°44'29"	22°44'29"	22°8'29"	23°24'29"	11°11'29"	20°37'29"	T13
W14	11 24 53	22°50'02"	10°05'5"	9°8'29"	8°40'29"	16°6'29"	27°52'29"	15°55'29"	20°2'29"	27°43'29"	22°45'29"	22°3'29"	23°21'29"	11°18'29"	20°40'29"	W14
T 15	11 28 50	23°50'12"	23°0'29"	10°40'29"	9°33'29"	15°57'29"	27°46'29"	16°1'29"	20°4'29"	27°42'29"	22°46'29"	21°58'29"	23°17'29"	11°25'29"	20°43'29"	T 15
F 16	11 32 46	24°50'20"	6°41'14"	12°8'29"	10°24'29"	15°49'29"	27°41'29"	16°7'29"	20°6'29"	27°40'29"	22°47'29"	21°54'29"	23°14'29"	11°32'29"	20°46'29"	F 16
S 17	11 36 43	25°50'26"	19°48'29"	13°30'29"	11°15'29"	15°41'29"	27°36'29"	16°13'29"	20°8'29"	27°39'29"	22°47'29"	21°50'29"	23°11'29"	11°38'29"	20°50'29"	S 17
S 18	11 40 39	26°50'30"	3°47'40"	14°47'29"	12°6'29"	15°35'29"	27°30'29"	16°19'29"	20°11'29"	27°38'29"	22°48'29"	21°48'29"	23°8'29"	11°45'29"	20°53'29"	S 18
M19	11 44 36	27°50'33"	17°44'29"	15°58'29"	12°55'29"	15°29'29"	27°24'29"	16°25'29"	20°13'29"	27°36'29"	22°49'29"	21°D47	23°5'29"	11°52'29"	20°56'29"	M19
T 20	11 48 32	28°50'33"	1°05'58"	17°1'29"	13°44'29"	15°24'29"	27°18'29"	16°31'29"	20°16'29"	27°35'29"	22°50'29"	21°47'29"	23°2'29"	11°58'29"	21°0'29"	T 20
W21	11 52 29	29°50'32"	16°17'29"	17°58'29"	14°31'29"	15°19'29"	27°12'29"	16°37'29"	20°18'29"	27°33'29"	22°51'29"	21°48'29"	22°58'29"	12°5'29"	21°3'29"	W21
T 22	11 56 25	0°47'50'28"	0°11'36"	18°47'29"	15°18'29"	15°16'29"	27°6'29"	16°43'29"	20°20'29"	27°32'29"	22°52'29"	21°50'29"	22°55'29"	12°12'29"	21°6'29"	T 22
F 23	12 0 22	1°50'23"	14°56'29"	19°27'29"	16°4'29"	15°13'29"	27°0'29"	16°49'29"	20°23'29"	27°31'29"	22°52'29"	21°51'29"	22°52'29"	12°18'29"	21°10'29"	F 23
S 24	12 4 18	2°50'15"	29°9'29"	20°0'29"	16°49'29"	15°11'29"	26°53'29"	16°54'29"	20°26'29"	27°29'29"	22°53'29"	21°R51	22°49'29"	12°25'29"	21°13'29"	S 24
S 25	12 8 15	3°50'05"	13°05'14"	20°24'29"	17°33'29"	15°10'29"	26°47'29"	17°0'29"	20°28'29"	27°28'29"	22°54'29"	21°51'29"	22°46'29"	12°32'29"	21°17'29"	S 25
M26	12 12 12	4°49'52"	27°11'29"	20°39'29"	18°16'29"	15°D 9	26°40'29"	17°5'29"	20°31'29"	27°26'29"	22°55'29"	21°50'29"	22°43'29"	12°38'29"	21°20'29"	M26
T 27	12 16 8	5°49'38"	10°05'58"	20°R46	18°58'29"	15°9'29"	26°33'29"	17°11'29"	20°33'29"	27°25'29"	22°56'29"	21°48'29"	22°39'29"	12°45'29"	21°23'29"	T 27
W28	12 20 5	6°49'21"	24°33'29"	20°45'29"	19°38'29"	15°10'29"	26°27'29"	17°16'29"	20°36'29"	27°23'29"	22°57'29"	21°46'29"	22°36'29"	12°52'29"	21°27'29"	W28
T 29	12 24 1	7°49'02"	7°07'56"	20°35'29"	20°18'29"	15°12'29"	26°20'29"	17°22'29"	20°39'29"	27°22'29"	22°58'29"	21°44'29"	22°33'29"	12°58'29"	21°30'29"	T 29
F 30	12 27 58	8°48'41"	21°5'29"	20°18'29"	20°56'29"	15°14'29"	26°13'29"	17°27'29"	20°42'29"	27°20'29"	22°59'29"	21°43'29"	22°30'29"	13°5'29"	21°34'29"	F 30
S 31	12 31 54	9°48'18"	4°0'29"	19°47'53"	21°03'33"	15°01'17"	26°06'29"	17°03'32"	20°04'44"	27°01'19"	23°0'29"	21°04'41"	22°02'27"	13°07'12"	21°07'37"	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	7s53	8n 1	4s 9	7s 1	1s32	11n57	1n56	19n 8	4n21	9s38	1n27	16s55	0s31	17n16	0s19	T 1
F 2	7 30	3 54	3 20	6 12	1 26	12 25	2 2	19 13	4 20	9 37	1 27	16 53	0 31	17 16	0 19	F 2
S 3	7 7	0s20	2 20	5 21	1 19	12 52	2 9	19 17	4 18	9 35	1 28	16 51	0 31	17 17	0 19	S 3
S 4	6 44	4 28	1 14	4 30	1 11	13 19	2 15	19 21	4 16	9 34	1 28	16 49	0 31	17 17	0 19	S 4
M 5	6 21	8 17	0 6	3 39	1 3	13 46	2 22	19 24	4 15	9 33	1 28	16 47	0 31	17 18	0 19	M 5
T 6	5 58	11 39	1n 1	2 47	0 54	14 12	2 28	19 27	4 13	9 31	1 28	16 45	0 31	17 18	0 19	T 6
W 7	5 35	14 27	2 4	1 54	0 45	14 38	2 34	19 30	4 11	9 29	1 28	16 44	0 31	17 19	0 19	W 7
T 8	5 11	16 36	3 1	1 1	0 35	15 4	2 41	19 33	4 9	9 28	1 29	16 42	0 31	17 19	0 19	T 8
F 9	4 48	18 0	3 49	0 8	0 24	15 29	2 47	19 35	4 7	9 26	1 29	16 40	0 31	17 20	0 19	F 9
S 10	4 25	18 36	4 28	0n45	0 13	15 54	2 54	19 37	4 5	9 24	1 29	16 38	0 32	17 21	0 19	S 10
S 11	4 1	18 24	4 56	1 38	0 1	16 19	3 1	19 39	4 3	9 23	1 29	16 36	0 32	17 21	0 19	S 11
M12	3 37	17 21	5 10	2 30	0n11	16 43	3 7	19 41	4 1	9 21	1 29	16 35	0 32	17 22	0 19	M12
T13	3 14	15 30	5 11	3 21	0 24	17 7	3 14	19 42	3 59	9 19	1 30	16 33	0 32	17 22	0 19	T13
W14	2 50	12 53	4 58	4 10	0 37	17 30	3 20	19 43	3 56	9 17	1 30	16 31	0 32	17 23	0 19	W14
T 15	2 26	9 34	4 28	4 59	0 50	17 53	3 27	19 43	3 54	9 15	1 30	16 29	0 32	17 24	0 19	T 15
F 16	2 3	5 43	3 44	5 46	1 4	18 16	3 34	19 44	3 52	9 13	1 30	16 28	0 32	17 24	0 19	F 16
S 17	1 39	1 28	2 47	6 30	1 17	18 39	3 40	19 44	3 50	9 11	1 30	16 26	0 32	17 25	0 19	S 17
S 18	1 15	2n57	1 38	7 12	1 31	19 0	3 47	19 44	3 47	9 8	1 30	16 24	0 32	17 25	0 19	S 18
M19	0 51	7 17	0 22	7 52	1 45	19 22	3 53	19 43	3 45	9 6	1 30	16 23	0 32	17 26	0 19	M19
T 20	0 28	11 15	0s56	8 29	1 58	19 43	4 0	19 43	3 43	9 4	1 31	16 21	0 33	17 27	0 19	T 20
W21	0 4	14 34	2 11	9 2	2 11	20 4	4 6	19 42	3 41	9 2	1 31	16 19	0 33	17 27	0 19	W21
T 22	0n20	16 59	3 18	9 32	2 23	20 24	4 13	19 41	3 38	8 59	1 31	16 18	0 33	17 28	0 19	T 22
F 23	0 44	18 19	4 13	9 58	2 35	20 44	4 19	19 39	3 36	8 57	1 31	16 16	0 33	17 29	0 19	F 23
S 24	1 7	18 30	4 51	10 21	2 45	21 3	4 26	19 38	3 34	8 55	1 31	16 14	0 33	17 30	0 19	S 24
S 25	1 31	17 31	5 12	10 39	2 55	21 22	4 32	19 36	3 31	8 52	1 31	16 13	0 33	17 30	0 19	S 25
M26	1 55	15 30	5 14	10 53	3 4	21 40	4 39	19 34	3 29	8 50	1 31	16 11	0 33	17 31	0 19	M26
T 27	2 18	12 38	4 58	11 3	3 12	21 58	4 45	19 32	3 27	8 47	1 32	16 10	0 33	17 32	0 19	T 27
W28	2 42	9 7	4 26	11 8	3 18	22 15	4 51	19 29	3 24	8 45	1 32	16 8	0 33	17 32	0 19	W28
T 29	3 5	5 10	3 39	11 8	3 23	22 32	4 57	19 26	3 22	8 42	1 32	16 7	0 34	17 33	0 19	T 29
F 30	3 29	1 3	2 41	11 5	3 26	22 48	5 3	19 23	3 20	8 39	1 32	16 5	0 34	17 34	0 19	F 30
S 31	3n52	3s 4	1s36	10n57	3n27	23n 4	5n 9	19n20	3n17	8s37	1n32	16s 4	0s34	17n35	0s19	S 31

Julian Day Number = 2674401.5, Delta T = 20m52s

Ecliptic obliquity = 23°21'28", Nutation = 0°00'08"

Ayanamsha: Fagan/Bradley = 33°16'29", Lahiri = 32°23'29"

# ASTRODIENST EPHEMERIS for the year 2610

APRIL 2610

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 35 51	10°47'52	16°41	19°R22	22°8 9	15°21	25°R58	17°38	20°47	27°R17	23°8 1	21°D41	22°23	13°19	21°41	S 1
M 2	12 39 47	11°47'25	29° 8	18°Y45	22°43	15°25	25°A51	17°43	20°50	27°A15	23° 2	21°A41	22°20	13°25	21°44	M 2
T 3	12 43 44	12°46'56	11°M22	18° 2	23°16	15°31	25°44	17°48	20°53	27°14	23° 3	21°42	22°17	13°32	21°48	T 3
W 4	12 47 41	13°46'25	23°26	17°16	23°47	15°36	25°36	17°53	20°56	27°12	23° 4	21°42	22°14	13°39	21°51	W 4
T 5	12 51 37	14°45'53	5°X22	16°27	24°17	15°43	25°29	17°58	20°59	27°11	23° 6	21°43	22°11	13°45	21°55	T 5
F 6	12 55 34	15°45'18	17°14	15°36	24°45	15°50	25°22	18° 3	21° 2	27° 9	23° 7	21°44	22° 8	13°52	21°59	F 6
S 7	12 59 30	16°44'42	29° 6	14°44	25°12	15°57	25°14	18° 7	21° 5	27° 7	23° 8	21°44	22° 4	13°59	22° 2	S 7
S 8	13 3 27	17°44'04	11°B 1	13°52	25°37	16° 5	25° 6	18°12	21° 8	27° 6	23° 9	21°45	22° 1	14° 5	22° 6	S 8
M 9	13 7 23	18°43'25	23° 5	13° 2	26° 0	16°14	24°59	18°17	21°11	27° 4	23°10	21°R45	21°58	14°12	22° 9	M 9
T 10	13 11 20	19°42'43	5°A22	12°13	26°21	16°24	24°51	18°21	21°14	27° 3	23°11	21°44	21°55	14°19	22°13	T 10
W 11	13 15 16	20°42'00	17°56	11°28	26°41	16°34	24°44	18°26	21°17	27° 1	23°12	21°44	21°52	14°25	22°16	W 11
T 12	13 19 13	21°41'15	0°H52	10°46	26°58	16°44	24°36	18°30	21°20	26°59	23°14	21°D44	21°48	14°32	22°20	T 12
F 13	13 23 9	22°40'28	14°10	10° 9	27°14	16°55	24°28	18°35	21°23	26°58	23°15	21°44	21°45	14°39	22°23	F 13
S 14	13 27 6	23°39'39	27°53	9°36	27°27	17° 7	24°20	18°39	21°26	26°56	23°16	21°44	21°42	14°46	22°27	S 14
S 15	13 31 3	24°38'49	11°Y59	9° 9	27°39	17°19	24°13	18°43	21°29	26°54	23°17	21°45	21°39	14°52	22°31	S 15
M 16	13 34 59	25°37'56	26°24	8°47	27°48	17°32	24° 5	18°47	21°32	26°53	23°18	21°R45	21°36	14°59	22°34	M 16
T 17	13 38 56	26°37'02	11°B 4	8°30	27°55	17°45	23°57	18°51	21°36	26°51	23°20	21°44	21°33	15° 6	22°38	T 17
W 18	13 42 52	27°36'05	25°51	8°19	27°59	17°59	23°50	18°55	21°39	26°49	23°21	21°44	21°29	15°12	22°41	W 18
T 19	13 46 49	28°35'07	10°H38	8°13	28°R 2	18°13	23°42	18°59	21°42	26°48	23°22	21°43	21°26	15°19	22°45	T 19
F 20	13 50 45	29°34'06	25°19	8°D13	28° 2	18°28	23°34	19° 3	21°45	26°46	23°23	21°42	21°23	15°26	22°48	F 20
S 21	13 54 42	0°B33'03	9°B47	8°18	27°59	18°43	23°27	19° 7	21°49	26°45	23°25	21°42	21°20	15°32	22°52	S 21
S 22	13 58 38	1°31'58	23°59	8°28	27°54	18°58	23°19	19°10	21°52	26°43	23°26	21°41	21°17	15°39	22°55	S 22
M 23	14 2 35	2°30'50	7°L53	8°43	27°47	19°14	23°11	19°14	21°55	26°41	23°27	21°D41	21°14	15°46	22°59	M 23
T 24	14 6 32	3°29'40	21°28	9° 3	27°37	19°31	23° 4	19°18	21°59	26°40	23°28	21°42	21°10	15°53	23° 2	T 24
W 25	14 10 28	4°28'28	4°M46	9°28	27°24	19°48	22°56	19°21	22° 2	26°38	23°30	21°43	21° 7	15°59	23° 6	W 25
T 26	14 14 25	5°27'13	17°48	9°57	27° 9	20° 5	22°49	19°24	22° 5	26°36	23°31	21°44	21° 4	16° 6	23° 9	T 26
F 27	14 18 21	6°25'57	0°A35	10°30	26°52	20°23	22°42	19°28	22° 9	26°35	23°32	21°45	21° 1	16°13	23°13	F 27
S 28	14 22 18	7°24'38	13° 8	11° 7	26°32	20°41	22°34	19°31	22°12	26°33	23°34	21°46	20°58	16°19	23°16	S 28
S 29	14 26 14	8°23'17	25°31	11°48	26°10	21° 0	22°27	19°34	22°15	26°32	23°35	21°R46	20°54	16°26	23°20	S 29
M 30	14 30 11	9°B21'54	7°M44	12°Y33	25°B46	21°L19	22°A20	19°A37	22°B19	26°A30	23°B36	21°A45	20°A51	16°A33	23°Y23	M 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	4n16	6s58	0s28	10n44	3n26	23n19	5n15	19n17	3n15	8s34	1n32	16s 2	0s34	17n35	0s19	8s56
M 2	4 39	10 29	0n41	10 28	3 24	23 33	5 21	19 14	3 13	8 32	1 32	16 1	0 34	17 36	0 19	8 56
T 3	5 2	13 30	1 47	10 8	3 20	23 47	5 27	19 10	3 11	8 29	1 32	15 59	0 34	17 37	0 19	8 55
W 4	5 25	15 52	2 47	9 45	3 14	24 1	5 32	19 6	3 8	8 26	1 32	15 58	0 34	17 38	0 19	8 54
T 5	5 48	17 31	3 39	9 19	3 6	24 14	5 38	19 2	3 6	8 23	1 32	15 56	0 34	17 38	0 19	8 54
F 6	6 11	18 24	4 22	8 51	2 57	24 26	5 43	18 58	3 4	8 21	1 32	15 55	0 34	17 39	0 19	8 53
S 7	6 34	18 28	4 53	8 21	2 46	24 37	5 48	18 53	3 2	8 18	1 32	15 54	0 35	17 40	0 19	8 53
S 8	6 56	17 43	5 12	7 49	2 34	24 48	5 53	18 49	2 59	8 15	1 32	15 52	0 35	17 41	0 19	8 52
M 9	7 19	16 10	5 17	7 17	2 21	24 58	5 57	18 44	2 57	8 12	1 32	15 51	0 35	17 42	0 19	8 52
T 10	7 41	13 52	5 9	6 45	2 6	25 8	6 2	18 39	2 55	8 9	1 32	15 50	0 35	17 42	0 19	8 51
W 11	8 3	10 53	4 45	6 14	1 51	25 17	6 6	18 34	2 53	8 7	1 32	15 48	0 35	17 43	0 19	8 50
T 12	8 25	7 17	4 7	5 43	1 36	25 25	6 10	18 29	2 51	8 4	1 32	15 47	0 35	17 44	0 18	8 50
F 13	8 47	3 13	3 14	5 14	1 20	25 32	6 14	18 24	2 49	8 1	1 32	15 46	0 35	17 45	0 18	8 49
S 14	9 9	1n 8	2 9	4 46	1 3	25 38	6 17	18 18	2 47	7 58	1 32	15 45	0 35	17 46	0 18	8 49
S 15	9 31	5 33	0 54	4 20	0 47	25 44	6 20	18 12	2 45	7 55	1 32	15 44	0 36	17 47	0 18	8 48
M 16	9 53	9 45	0s26	4 37	0 31	25 49	6 23	18 6	2 43	7 53	1 32	15 42	0 36	17 47	0 18	8 47
T 17	10 14	13 26	1 45	3 56	0 15	25 53	6 25	18 0	2 41	7 50	1 32	15 41	0 36	17 48	0 18	8 47
W 18	10 35	16 16	2 58	3 17	0s 0	25 56	6 27	17 54	2 39	7 47	1 32	15 40	0 36	17 49	0 18	8 46
T 19	10 56	18 1	3 59	3 1	0 15	25 58	6 29	17 48	2 37	7 44	1 32	15 39	0 36	17 50	0 18	8 46
F 20	11 17	18 32	4 44	2 47	0 30	25 59	6 30	17 42	2 35	7 41	1 32	15 38	0 36	17 51	0 18	8 45
S 21	11 38	17 50	5 10	2 37	0 44	25 59	6 31	17 35	2 33	7 39	1 32	15 37	0 36	17 52	0 18	8 44
S 22	11 58	16 2	5 17	2 28	0 57	25 58	6 31	17 28	2 31	7 36	1 32	15 36	0 36	17 53	0 18	8 44
M 23	12 18	13 20	5 5	2 23	1 10	25 56	6 31	17 21	2 29	7 33	1 32	15 35	0 37	17 53	0 18	8 43
T 24	12 38	9 57	4 35	2 19	1 22	25 53	6 30	17 14	2 27	7 31	1 32	15 34	0 37	17 54	0 18	8 43
W 25	12 58	6 8	3 52	2 19	1 33	25 49	6 29	17 7	2 25	7 28	1 32	15 33	0 37	17 55	0 18	8 42
T 26	13 18	2 5	2 57	2 20	1 43	25 43	6 27	17 0	2 23	7 25	1 32	15 32	0 37	17 56	0 18	8 41
F 27	13 37	1s59	1 55	2 24	1 53	25 37	6 24	16 53	2 21	7 23	1 32	15 31	0 37	17 57	0 18	8 41
S 28	13 56	5 54	0 48	2 30	2 2	25 29	6 21	16 45	2 19	7 20	1 32	15 30	0 37	17 58	0 18	8 40
S 29	14 15	9 31	0n21	2 39	2 11	25 20	6 17	16 37	2 18	7 17	1 32	15 30	0 37	17 59	0 18	8 40
M 30	14n34	12s40	1n27	2n49	2s18	25n 9	6n12	16n30	2n16	7s15	1n32	15s29	0s38	17n59	0s18	8s39

Julian Day Number = 2674432.5, Delta T = 20m52s  
 Ecliptic obliquity = 23°21'28", Nutation = 0°00'06"  
 Ayanamsha: Fagan/Bradley = 33°16'33", Lahiri = 32°23'33"

## ASTRODIENST EPHEMERIS for the year 2610

MAY 2610

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 34 7	10°20'30	19°49	13°21	25°R20	21°38	22°R13	19°40	22°22	26°R28	23°38	21°R43	20°48	16°39	23°27	T 1
W 2	14 38 4	11°19'03	1°47	14°13	24°51	21°58	22°6	19°42	22°25	26°27	23°39	21°41	20°45	16°46	23°30	W 2
T 3	14 42 1	12°17'35	13°41	15° 7	24°21	22°18	21°59	19°45	22°29	26°25	23°40	21°38	20°42	16°53	23°34	T 3
F 4	14 45 57	13°16'05	25°32	16° 5	23°49	22°38	21°52	19°48	22°32	26°24	23°42	21°34	20°39	16°59	23°37	F 4
S 5	14 49 54	14°14'34	7°24	17° 6	23°16	22°59	21°46	19°50	22°36	26°22	23°43	21°31	20°35	17° 6	23°40	S 5
S 6	14 53 50	15°13'00	19°19	18° 9	22°41	23°20	21°39	19°53	22°39	26°21	23°44	21°28	20°32	17°13	23°44	S 6
M 7	14 57 47	16°11'26	1°22	19°15	22° 6	23°41	21°32	19°55	22°43	26°19	23°46	21°26	20°29	17°20	23°47	M 7
T 8	15 1 143	17° 9'49	13°37	20°24	21°29	24° 3	21°26	19°57	22°46	26°17	23°47	21°D25	20°26	17°26	23°51	T 8
W 9	15 5 40	18° 8'11	26° 8	21°35	20°52	24°25	21°20	19°59	22°50	26°16	23°48	21°25	20°23	17°33	23°54	W 9
T 10	15 9 36	19° 6'31	8°58	22°49	20°14	24°47	21°14	20° 1	22°53	26°14	23°50	21°26	20°19	17°40	23°57	T 10
F 11	15 13 33	20° 4'50	22°13	24° 4	19°37	25°10	21° 8	20° 3	22°56	26°13	23°51	21°28	20°16	17°46	24° 0	F 11
S 12	15 17 30	21° 3'08	5°54	25°23	18°59	25°32	21° 2	20° 5	23° 0	26°12	23°52	21°29	20°13	17°53	24° 4	S 12
S 13	15 21 26	22° 1'24	20° 2	26°43	18°22	25°56	20°56	20° 7	23° 3	26°10	23°54	21°R30	20°10	18° 0	24° 7	S 13
M14	15 25 23	22°59'38	4°35	28° 6	17°45	26°19	20°50	20° 9	23° 7	26° 9	23°55	21°29	20° 7	18° 6	24°10	M14
T 15	15 29 19	23°57'51	19°28	29°31	17° 9	26°43	20°45	20°10	23°10	26° 7	23°56	21°27	20° 4	18°13	24°13	T 15
W16	15 33 16	24°56'02	4°34	0°57	16°34	27° 7	20°39	20°12	23°14	26° 6	23°58	21°24	20° 0	18°20	24°17	W16
T 17	15 37 12	25°54'12	19°44	2°26	16° 1	27°31	20°34	20°13	23°17	26° 4	23°59	21°19	19°57	18°27	24°20	T 17
F 18	15 41 9	26°52'20	4°46	3°57	15°29	27°56	20°29	20°15	23°21	26° 3	24° 0	21°14	19°54	18°33	24°23	F 18
S 19	15 45 5	27°50'26	19°34	5°30	14°58	28°21	20°24	20°16	23°24	26° 2	24° 2	21° 9	19°51	18°40	24°26	S 19
S 20	15 49 2	28°48'30	4°0	7° 5	14°30	28°46	20°19	20°17	23°28	26° 0	24° 3	21° 5	19°48	18°47	24°29	S 20
M21	15 52 59	29°46'32	18° 1	8°43	14° 3	29°11	20°15	20°18	23°31	25°59	24° 5	21° 3	19°45	18°53	24°32	M21
T 22	15 56 55	0°44'32	1°37	10°22	13°38	29°37	20°10	20°19	23°34	25°58	24° 6	21°D 3	19°41	19° 0	24°35	T 22
W23	16 0 52	1°42'30	14°48	12° 3	13°16	0°37	20° 6	20°20	23°38	25°56	24° 7	21° 3	19°38	19° 7	24°38	W23
T 24	16 4 48	2°40'27	27°39	13°46	12°55	0°29	20° 2	20°20	23°41	25°55	24° 9	21° 5	19°35	19°14	24°41	T 24
F 25	16 8 45	3°38'22	10°12	15°31	12°37	0°55	19°58	20°21	23°45	25°54	24°10	21° 6	19°32	19°20	24°44	F 25
S 26	16 12 41	4°36'15	22°32	17°18	12°21	1°21	19°54	20°21	23°48	25°53	24°11	21°R 6	19°29	19°27	24°47	S 26
S 27	16 16 38	5°34'06	4°41	19° 7	12° 8	1°48	19°50	20°22	23°52	25°52	24°13	21° 5	19°25	19°34	24°50	S 27
M28	16 20 34	6°31'56	16°42	20°59	11°57	2°15	19°47	20°22	23°55	25°50	24°14	21° 2	19°22	19°40	24°53	M28
T 29	16 24 31	7°29'44	28°38	22°52	11°49	2°42	19°43	20°22	23°58	25°49	24°15	20°57	19°19	19°47	24°56	T 29
W30	16 28 28	8°27'31	10°31	24°47	11°43	3° 9	19°40	20°23	24° 2	25°48	24°17	20°50	19°16	19°54	24°58	W30
T 31	16 32 24	9°25'17	22°23	26°44	11°39	3°37	19°43	20°R23	24° 5	25°47	24°18	20°42	19°13	20°27	25° 1	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	14n52	15s14	2n29	3n 1	2s25	24n57	6n 7	16n22	2n14	7s12	1n31	15s28	0s38	18n 0	0s18	T 1
W 2	15 10	17 8	3 23	3 15	2 32	24 44	6 0	16 14	2 12	7 10	1 31	15 27	0 38	18 1	0 18	W 2
T 3	15 28	18 15	4 8	3 31	2 37	24 30	5 54	16 6	2 11	7 7	1 31	15 27	0 38	18 2	0 18	T 3
F 4	15 46	18 34	4 43	3 49	2 42	24 15	5 46	15 57	2 9	7 5	1 31	15 26	0 38	18 3	0 18	F 4
S 5	16 4	18 5	5 5	4 8	2 46	23 58	5 38	15 49	2 7	7 3	1 31	15 25	0 38	18 4	0 18	S 5
S 6	16 21	16 47	5 14	4 28	2 50	23 41	5 29	15 40	2 6	7 0	1 31	15 25	0 38	18 5	0 18	S 6
M 7	16 38	14 45	5 10	4 51	2 53	23 22	5 19	15 32	2 4	6 58	1 31	15 24	0 38	18 6	0 18	M 7
T 8	16 54	12 2	4 51	5 14	2 55	23 2	5 9	15 23	2 2	6 56	1 30	15 23	0 39	18 6	0 18	T 8
W 9	17 10	8 42	4 19	5 39	2 57	22 42	4 58	15 14	2 1	6 54	1 30	15 23	0 39	18 7	0 18	W 9
T 10	17 26	4 54	3 32	6 5	2 58	22 20	4 46	15 5	1 59	6 52	1 30	15 22	0 39	18 8	0 18	T 10
F 11	17 42	0 43	2 34	6 33	2 58	21 58	4 34	14 56	1 57	6 49	1 30	15 22	0 39	18 9	0 18	F 11
S 12	17 58	3n38	1 25	7 1	2 58	21 36	4 22	14 47	1 56	6 47	1 30	15 21	0 39	18 10	0 18	S 12
S 13	18 13	7 56	0 8	7 31	2 57	21 13	4 8	14 38	1 54	6 45	1 30	15 21	0 39	18 11	0 18	S 13
M14	18 27	11 53	1s11	8 1	2 56	20 49	3 55	14 28	1 53	6 43	1 29	15 21	0 39	18 12	0 18	M14
T 15	18 42	15 11	2 27	8 33	2 54	20 26	3 41	14 19	1 51	6 42	1 29	15 20	0 40	18 13	0 18	T 15
W16	18 56	17 29	3 34	9 5	2 51	20 3	3 27	14 9	1 50	6 40	1 29	15 20	0 40	18 13	0 18	W16
T 17	19 10	18 33	4 26	9 38	2 48	19 39	3 13	13 59	1 48	6 38	1 29	15 20	0 40	18 14	0 18	T 17
F 18	19 23	18 18	4 59	10 12	2 45	19 16	2 59	13 49	1 47	6 36	1 29	15 19	0 40	18 15	0 18	F 18
S 19	19 37	16 48	5 11	10 47	2 41	18 53	2 44	13 39	1 45	6 35	1 29	15 19	0 40	18 16	0 18	S 19
S 20	19 50	14 16	5 3	11 22	2 36	18 31	2 30	13 29	1 44	6 33	1 28	15 19	0 40	18 17	0 18	S 20
M21	20 2	10 58	4 38	11 58	2 31	18 9	2 15	13 19	1 42	6 31	1 28	15 19	0 40	18 18	0 18	M21
T 22	20 14	7 10	3 57	12 35	2 25	17 48	2 1	13 9	1 41	6 30	1 28	15 18	0 41	18 19	0 18	T 22
W23	20 26	3 8	3 4	13 12	2 19	17 27	1 46	12 58	1 39	6 29	1 28	15 18	0 41	18 20	0 18	W23
T 24	20 37	0s58	2 4	13 49	2 12	17 8	1 32	12 48	1 38	6 27	1 27	15 18	0 41	18 20	0 18	T 24
F 25	20 48	4 56	0 59	14 26	2 5	16 49	1 18	12 37	1 37	6 26	1 27	15 18	0 41	18 21	0 18	F 25
S 26	20 59	8 37	0n 8	15 4	1 57	16 31	1 4	12 26	1 35	6 25	1 27	15 18	0 41	18 22	0 18	S 26
S 27	21 10	11 54	1 13	15 41	1 49	16 14	0 51	12 16	1 34	6 23	1 27	15 18	0 41	18 23	0 18	S 27
M28	21 20	14 38	2 14	16 19	1 41	15 58	0 38	12 5	1 33	6 22	1 27	15 18	0 42	18 24	0 18	M28
T 29	21 29	16 43	3 9	16 56	1 32	15 43	0 25	11 54	1 31	6 21	1 26	15 18	0 42	18 25	0 18	T 29
W30	21 38	18 5	3 55	17 34	1 23	15 30	0 12	11 43	1 30	6 20	1 26	15 18	0 42	18 25	0 18	W30
T 31	21n47	18s39	4n30	18n10	1s13	15n17	0n 0	11n31	1n29	6s19	1n26	15s19	0s42	18n26	0s18	T 31

Julian Day Number = 2674462.5, Delta T = 20m53s

Ecliptic obliquity = 23°21'27", Nutation = 0°00'05"

Ayanamsha: Fagan/Bradley = 33°16'37", Lahiri = 32°23'37"

## ASTRODIENST EPHEMERIS for the year 2610

JUNE 2610

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 36 21	10 <sup>II</sup> 23'01	4 <sup>☾</sup> 15	28 <sup>♂</sup> 43	11°D38	4 <sup>♂</sup> 5	19°R34	20°R23	24 <sup>♂</sup> 9	25°R46	24 <sup>♂</sup> 19	20°R32	19 <sup>♂</sup> 10	20 <sup>♂</sup> 7	25 <sup>♂</sup> 4	F 1
S 2	16 40 17	11°20'44	16° 9	0 <sup>II</sup> 44	11 <sup>♂</sup> 39	4°33	19 <sup>♂</sup> 32	20 <sup>♂</sup> 22	24°12	25 <sup>♂</sup> 45	24°21	20 <sup>♂</sup> 23	19° 6	20°14	25° 7	S 2
S 3	16 44 14	12°18'26	28° 8	2°47	11°42	5° 1	19°29	20°22	24°15	25°44	24°22	20°15	19° 3	20°21	25° 9	S 3
M 4	16 48 10	13°16'07	10 <sup>♂</sup> 13	4°51	11°48	5°29	19°27	20°22	24°19	25°43	24°23	20° 8	19° 0	20°27	25°12	M 4
T 5	16 52 7	14°13'47	22°28	6°58	11°56	5°57	19°25	20°21	24°22	25°42	24°24	20° 3	18°57	20°34	25°14	T 5
W 6	16 56 3	15°11'26	4 <sup>♂</sup> 57	9° 5	12° 6	6°26	19°23	20°21	24°25	25°41	24°26	20° 1	18°54	20°41	25°17	W 6
T 7	17 0 0	16° 9'04	17°44	11°14	12°18	6°55	19°21	20°20	24°28	25°40	24°27	20°D 0	18°51	20°47	25°19	T 7
F 8	17 3 57	17° 6'41	0 <sup>♂</sup> 52	13°24	12°32	7°24	19°20	20°19	24°32	25°39	24°28	20° 1	18°47	20°54	25°22	F 8
S 9	17 7 53	18° 4'17	14°25	15°35	12°49	7°53	19°18	20°19	24°35	25°38	24°30	20°R 2	18°44	21° 1	25°24	S 9
S 10	17 11 50	19° 1'52	28°26	17°47	13° 7	8°22	19°17	20°18	24°38	25°37	24°31	20° 1	18°41	21° 7	25°27	S 10
M11	17 15 46	19°59'27	12 <sup>♂</sup> 54	19°59	13°27	8°52	19°16	20°17	24°41	25°37	24°32	20° 0	18°38	21°14	25°29	M11
T 12	17 19 43	20°57'01	27°46	22°11	13°48	9°22	19°15	20°16	24°45	25°36	24°33	19°55	18°35	21°21	25°32	T 12
W13	17 23 39	21°54'33	12 <sup>II</sup> 56	24°23	14°12	9°51	19°14	20°14	24°48	25°35	24°35	19°49	18°31	21°28	25°34	W13
T 14	17 27 36	22°52'05	28°14	26°35	14°37	10°21	19°14	20°13	24°51	25°34	24°36	19°40	18°28	21°34	25°36	T 14
F 15	17 31 32	23°49'36	13 <sup>♂</sup> 28	28°46	15° 4	10°52	19°14	20°12	24°54	25°34	24°37	19°31	18°25	21°41	25°38	F 15
S 16	17 35 29	24°47'06	28°30	0 <sup>♂</sup> 56	15°32	11°22	19°D13	20°10	24°57	25°33	24°38	19°22	18°22	21°48	25°41	S 16
S 17	17 39 26	25°44'35	13 <sup>♂</sup> 8	3° 5	16° 2	11°52	19°13	20° 8	25° 0	25°32	24°39	19°14	18°19	21°54	25°43	S 17
M18	17 43 22	26°42'02	27°19	5°12	16°33	12°23	19°14	20° 7	25° 3	25°32	24°41	19° 9	18°16	22° 1	25°45	M18
T 19	17 47 19	27°39'29	11 <sup>♂</sup> 1	7°18	17° 5	12°54	19°14	20° 5	25° 6	25°31	24°42	19° 6	18°12	22° 8	25°47	T 19
W20	17 51 15	28°36'54	24°15	9°22	17°39	13°25	19°15	20° 3	25° 9	25°31	24°43	19°D 4	18° 9	22°15	25°49	W20
T 21	17 55 12	29°34'18	7 <sup>♂</sup> 4	11°24	18°14	13°56	19°15	20° 1	25°12	25°30	24°44	19° 5	18° 6	22°21	25°51	T 21
F 22	17 59 8	0 <sup>♂</sup> 31'41	19°33	13°25	18°51	14°27	19°16	19°59	25°15	25°30	24°45	19°R 5	18° 3	22°28	25°53	F 22
S 23	18 3 5	1°29'03	1 <sup>♂</sup> 46	15°23	19°28	14°58	19°17	19°57	25°18	25°29	24°46	19° 4	18° 0	22°35	25°55	S 23
S 24	18 7 1	2°26'24	13°48	17°19	20° 7	15°30	19°19	19°55	25°21	25°29	24°47	19° 2	17°57	22°41	25°56	S 24
M25	18 10 58	3°23'45	25°43	19°12	20°47	16° 1	19°20	19°53	25°24	25°28	24°49	18°57	17°53	22°48	25°58	M25
T 26	18 14 55	4°21'04	7 <sup>♂</sup> 34	21° 4	21°27	16°33	19°22	19°50	25°27	25°28	24°50	18°49	17°50	22°55	26° 0	T 26
W27	18 18 51	5°18'23	19°25	22°53	22° 9	17° 5	19°24	19°48	25°30	25°28	24°51	18°38	17°47	23° 2	26° 2	W27
T 28	18 22 48	6°15'41	1 <sup>♂</sup> 17	24°39	22°52	17°37	19°26	19°45	25°33	25°27	24°52	18°26	17°44	23° 8	26° 3	T 28
F 29	18 26 44	7°12'59	13°13	26°24	23°36	18° 9	19°28	19°43	25°36	25°27	24°53	18°13	17°41	23°15	26° 5	F 29
S 30	18 30 41	8 <sup>♂</sup> 10'16	25 <sup>♂</sup> 12	28 <sup>♂</sup> 5	24 <sup>♂</sup> 20	18 <sup>♂</sup> 41	19 <sup>♂</sup> 30	19 <sup>♂</sup> 40	25 <sup>♂</sup> 38	25 <sup>♂</sup> 27	24 <sup>♂</sup> 54	18 <sup>♂</sup> 0	17 <sup>♂</sup> 37	23 <sup>♂</sup> 22	26 <sup>♂</sup> 6	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	21n56	18s23	4n54	18n46	1s 3	15n 5	0s12	11n20	1n27	6s19	1n26	15s19	0s42	18n27	0s18	8s24	1n38	3n59	15s14	8s 0	7s29	18s30	10n25	0n48					
S 2	22 4	17 20	5 5	19 22	0 53	14 55	0 23	11 9	1 26	6 18	1 25	15 19	0 42	18 28	0 18	8 24	1 38	3 59	15 14	7 56	7 27	18 30	10 26	0 48					
S 3	22 12	15 30	5 3	19 57	0 43	14 45	0 34	10 57	1 25	6 17	1 25	15 19	0 42	18 29	0 18	8 23	1 38	3 59	15 14	7 53	7 26	18 30	10 27	0 48					
M 4	22 19	13 0	4 48	20 30	0 32	14 37	0 45	10 46	1 23	6 16	1 25	15 19	0 43	18 30	0 18	8 23	1 38	4 0	15 14	7 51	7 25	18 30	10 28	0 48					
T 5	22 26	9 53	4 19	21 2	0 22	14 30	0 55	10 34	1 22	6 16	1 25	15 20	0 43	18 30	0 18	8 23	1 38	4 0	15 14	7 49	7 24	18 30	10 29	0 48					
W 6	22 32	6 17	3 37	21 33	0 11	14 23	1 5	10 22	1 21	6 15	1 24	15 20	0 43	18 31	0 18	8 22	1 38	4 0	15 15	7 48	7 23	18 30	10 29	0 48					
T 7	22 38	2 19	2 44	22 2	0 1	14 18	1 14	10 11	1 20	6 15	1 24	15 20	0 43	18 32	0 18	8 22	1 38	4 0	15 15	7 48	7 21	18 30	10 30	0 48					
F 8	22 44	1n53	1 41	22 30	0n10	14 13	1 23	9 59	1 18	6 15	1 24	15 21	0 43	18 33	0 18	8 22	1 38	4 0	15 15	7 48	7 20	18 30	10 31	0 48					
S 9	22 49	6 8	0 30	22 55	0 20	14 10	1 32	9 47	1 17	6 14	1 24	15 21	0 43	18 34	0 18	8 22	1 38	4 1	15 15	7 48	7 19	18 30	10 32	0 48					
S 10	22 54	10 11	0s45	23 18	0 31	14 7	1 40	9 35	1 16	6 14	1 23	15 21	0 43	18 34	0 18	8 21	1 38	4 1	15 15	7 48	7 18	18 30	10 33	0 48					
M11	22 59	13 46	1 59	23 39	0 41	14 6	1 48	9 23	1 15	6 14	1 23	15 22	0 44	18 35	0 18	8 21	1 38	4 1	15 15	7 47	7 17	18 30	10 34	0 48					
T 12	23 3	16 33	3 7	23 58	0 50	14 5	1 56	9 10	1 14	6 14	1 23	15 22	0 44	18 36	0 18	8 21	1 38	4 1	15 15	7 46	7 15	18 30	10 35	0 48					
W13	23 7	18 15	4 3	24 14	0 59	14 5	2 3	8 58	1 13	6 14	1 23	15 23	0 44	18 37	0 18	8 21	1 38	4 1	15 15	7 43	7 14	18 30	10 35	0 48					
T 14	23 10	18 38	4 43	24 27	1 8	14 6	2 10	8 46	1 11	6 14	1 22	15 24	0 44	18 37	0 18	8 20	1 38	4 1	15 15	7 40	7 13	18 30	10 36	0 48					
F 15	23 13	17 40	5 2	24 37	1 16	14 7	2 17	8 33	1 10	6 14	1 22	15 24	0 44	18 38	0 18	8 20	1 37	4 2	15 16	7 37	7 12	18 30	10 37	0 48					
S 16	23 15	15 30	5 0	24 45	1 24	14 9	2 23	8 21	1 9	6 14	1 22	15 25	0 44	18 39	0 18	8 20	1 37	4 2	15 16	7 33	7 11	18 31	10 38	0 47					
S 17	23 17	12 22	4 38	24 50	1 30	14 12	2 29	8 8	1 8	6 14	1 22	15 25	0 44	18 40	0 18	8 20	1 37	4 2	15 16	7 30	7 9	18 31	10 38	0 47					
M18	23 19	8 37	3 59	24 52	1 37	14 15	2 35	7 55	1 7	6 15	1 21	15 26	0 45	18 40	0 18	8 20	1 37	4 2	15 16	7 28	7 8	18 31	10 39	0 47					
T 19	23 20	4 30	3 8	24 51	1 42	14 19	2 40	7 42	1 6	6 15	1 21	15 27	0 45	18 41	0 18	8 19	1 37	4 2	15 16	7 27	7 7	18 31	10 40	0 47					
W20	23 21	0 19	2 8	24 48	1 47	14 24	2 45	7 30	1 5	6 16	1 21	15 27	0 45	18 42	0 18	8 19	1 37	4 2	15 16	7 27	7 6	18 30	10 41	0 47					
T 21	23 21	3s46	1 3	24 43	1 51	14 29	2 49	7 17	1 3	6 16	1 21	15 28	0 45	18 43	0 18	8 19	1 37	4 2	15 16	7 27	7 5	18 30	10 41	0 47					
F 22	23 21	7 35	0n 2	24 35	1 54	14 35	2 54	7 4	1 2	6 17	1 20	15 29	0 45	18 43	0 18	8 19	1 37	4 2	15 17	7 27	7 3	18 30	10 42	0 47					
S 23	23 21	11 0	1 7	24 24	1 57	14 41	2 58	6 51	1 1	6 17	1 20	15 30	0 45	18 44	0 18	8 19	1 37	4 3	15 17	7 27	7 2	18 30	10 43	0 47					
S 24	23 20	13 54	2 7	24 12	1 58	14 47	3 2	6 37	1 0	6 18	1 20	15 31	0 45	18 45	0 18	8 19	1 37	4 3	15 17	7 26	7 1	18 30	10 43	0 47					
M25	23 19	16 11	3 1	23 57	1 59	14 54	3 5	6 24	0 59	6 19	1 20	15 31	0 46	18 45	0 18	8 19	1 37	4 3	15 17	7 24	7 0	18 30	10 44	0 47					
T 26	23 17	17 46	3 47	23 41	1 59	15 2	3 9	6 11	0 58	6 20	1 19	15 32	0 46	18 46	0 18	8 19	1 37	4 3	15 17	7 21	6 59	18 30	10 44	0 47					
W27	23 15	18 34	4 23	23 23	1 59	15 9	3 12	5 58	0 57	6 21	1 19	15 33	0 46	18 47	0 18	8 18	1 37	4 3	15 17	7 17	6 57	18 30	10 45	0 47					
T 28	23 13	18 34	4 47	23 3	1 58	15 17	3 14	5 44	0 56	6 22	1 19	15 34	0 46	18 47	0 18	8 18	1 37	4 3	15 18	7 12	6 56	18 30	10 46	0 47					
F 29	23 10	17 45	4 59	22 42	1 56	15 25	3 17	5 31	0 55	6 23	1 19	15 35	0 46	18 48	0 18	8 18	1 37	4 3	15 18	7 7	6 55	18 30	10 46	0 47					
S 30	23n 6	16s 8	4n58	22n19	1n53	15n34	3s19	5n17	0n54	6s24	1n18	15s36	0s46	18n49	0s18	8s18	1n37	4n 3	15s18	7s 2	6s54	18s30	10n47	0n47					

Julian Day Number = 2674493.5, Delta T = 20m53s

Ecliptic obliquity = 23°21'27", Nutation = 0°00'05

Ayanamsha: Fagan/Bradley = 33°16'41", Lahiri = 32°23'41"

## ASTRODIENST EPHEMERIS for the year 2610

JULY 2610

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 34 37	9°57'32	7°17'17	29°45'25	25°58'6	19°17'14	19°43'33	19°R37	25°41'25	25°R27	24°55'24	17°R47	17°43'34	23°28'23	26°58'8	S 1
M 2	18 38 34	10° 4'49	19°30'0	1°12'22	25°52'25	19°46'19	19°35'33	19°33'41	25°44'25	25°26'24	24°56'17	17°37'31	17°31'31	23°35'26	26° 9'9	M 2
T 3	18 42 31	11° 2'05	1°18'51	2°56'26	26°39'20	19°38'20	19°38'31	19°31'25	25°46'24	25°26'24	24°57'17	17°30'30	17°28'31	23°42'26	26°11'11	T 3
W 4	18 46 27	11°59'20	14°25'4	4°29'27	27°27'20	20°51'19	19°41'28	19°28'25	25°49'25	25°26'24	24°58'17	17°25'25	17°25'25	23°49'26	26°12'12	W 4
T 5	18 50 24	12°56'36	27°13'5	5°58'28	28°16'21	21°24'19	19°44'25	19°25'25	25°52'25	25°26'24	24°59'17	17°23'23	17°22'23	23°55'26	26°14'14	T 5
F 6	18 54 20	13°53'51	10°19'19	7°25'29	29° 5'21	21°57'19	19°48'22	19°22'25	25°54'25	25°26'25	25° 0'17	17°23'23	17°18'23	24° 2'26	26°15'15	F 6
S 7	18 58 17	14°51'07	23°46'8	8°50'29	29°55'22	22°30'19	19°51'16	19°19'25	25°57'25	25°D26	25° 1'17	17°23'23	17°15'23	24° 9'26	26°16'16	S 7
S 8	19 2 13	15°48'22	7°38'10	10°12'0	0°11'46	23° 3'19	19°55'16	19°16'25	25°59'25	25°26'25	25° 2'17	17°22'23	17°12'23	24°15'26	26°17'17	S 8
M 9	19 6 10	16°45'38	21°54'11	11°32'1	1°37'23	23°37'19	19°59'12	19°12'26	2° 2'25	25°26'25	25° 3'17	17°19'17	17° 9'24	24°22'26	26°18'18	M 9
T 10	19 10 6	17°42'54	6°11'34	12°49'2	2°29'24	24°10'20	20° 3'19	19° 9'26	2° 4'25	25°26'25	25° 4'17	17°14'17	17° 6'24	24°29'26	26°19'19	T 10
W 11	19 14 3	18°40'09	21°33'14	3° 3'22	3°22'24	24°43'20	20° 7'19	19° 6'26	2° 7'25	25°26'25	25° 5'17	17° 6'17	17° 3'24	24°36'26	26°20'20	W 11
T 12	19 18 0	19°37'25	6°43'15	4°15'4	4°15'25	25°17'20	20°11'19	19° 2'26	2° 9'25	25°26'25	25° 5'16	16°57'16	16°59'16	24°42'26	26°21'21	T 12
F 13	19 21 56	20°34'41	21°54'16	5° 9'25	5° 9'25	25°51'20	20°16'18	18°58'26	2°11'25	25°27'25	25° 6'16	16°46'16	16°56'16	24°49'26	26°22'22	F 13
S 14	19 25 53	21°31'56	6°12'55	17°29'6	6° 3'26	26°25'20	20°20'18	18°55'26	2°14'25	25°27'25	25° 7'16	16°35'16	16°53'16	24°56'26	26°23'23	S 14
S 15	19 29 49	22°29'12	21°37'18	32'18	6°58'26	26°59'20	20°25'18	18°51'26	2°16'25	25°27'25	25° 8'16	16°26'16	16°50'16	25° 2'26	26°24'24	S 15
M 16	19 33 46	23°26'27	5°17'53	19°32'7	7°53'27	27°33'20	20°30'18	18°47'26	2°18'25	25°27'25	25° 9'16	16°19'16	16°47'16	25° 9'26	26°25'25	M 16
T 17	19 37 42	24°23'42	19°40'20	29'8	8°48'28	28° 7'20	20°35'18	18°44'26	2°20'25	25°28'25	25° 9'16	16°15'16	16°43'16	25°16'26	26°26'26	T 17
W 18	19 41 39	25°20'57	2°45'58	21°22'9	9°45'28	28°41'20	20°40'18	18°40'26	2°23'25	25°28'25	25°10'16	16°13'16	16°40'16	25°23'26	26°26'26	W 18
T 19	19 45 35	26°18'11	15°51'22	12'10	10°41'29	29°15'20	20°46'18	18°36'26	2°25'25	25°28'25	25°11'16	16°D12'16	16°37'16	25°29'26	26°27'27	T 19
F 20	19 49 32	27°15'25	28°20'22	59'11	11°38'29	29°50'20	20°51'18	18°32'26	2°27'25	25°29'25	25°12'16	16°R12'16	16°34'16	25°36'26	26°27'27	F 20
S 21	19 53 29	28°12'40	10°11'33	23'42	12°36'0	0°42'24	20°57'18	18°28'26	2°29'25	25°29'25	25°12'16	16°12'16	16°31'16	25°43'26	26°28'28	S 21
S 22	19 57 25	29° 9'54	22°34'24	24'21	13°34'0	0°59'21	21° 3'18	18°24'26	3°1'25	25°29'25	25°13'16	16° 9'16	16°28'16	25°49'26	26°28'28	S 22
M 23	20 1 22	0°12'7	4°17'58	24'56	14°32'1	1°34'21	21° 9'18	18°20'26	3°3'25	25°30'25	25°14'16	16° 5'16	16°24'16	25°56'26	26°29'29	M 23
T 24	20 5 18	1° 4'22	16°18'25	28'15	15°30'2	2° 9'21	21°15'18	18°16'26	3°5'25	25°31'25	25°14'15	15°58'15	16°21'15	26° 3'26	26°29'29	T 24
W 25	20 9 15	2° 1'36	28°10'25	55'16	16°29'2	2°44'21	21°21'18	18°11'26	3°7'25	25°31'25	25°15'15	15°48'15	16°18'15	26°10'26	26°29'29	W 25
T 26	20 13 11	2°58'51	10°13'5	26'18	17°29'3	3°19'21	21°28'18	18° 7'26	3°8'25	25°32'25	25°16'15	15°37'15	16°15'15	26°16'26	26°30'30	T 26
F 27	20 17 8	3°56'05	22° 6'26	36'18	18°28'3	3°54'21	21°34'18	18° 3'26	4°0'25	25°32'25	25°16'15	15°25'15	16°12'15	26°23'26	26°30'30	F 27
S 28	20 21 4	4°53'20	4°41'26	50'19	19°29'2	4°29'21	21°41'17	17°59'26	4°2'25	25°33'25	25°17'15	15°12'15	16° 9'26	26°30'30	26°30'30	S 28
S 29	20 25 1	5°50'35	16°30'26	59'20	20°29'5	5° 4'21	21°48'17	17°54'26	4°4'25	25°34'25	25°17'15	15° 1'16	16° 5'26	26°36'36	26°30'30	S 29
M 30	20 28 58	6°47'51	28°55'27	R 3	21°30'5	5°40'21	21°55'17	17°50'26	4°45'25	25°34'25	25°18'15	14°51'15	16° 2'26	26°43'43	26°R30	M 30
T 31	20 32 54	7°14'50	11°18'30	27°12	22°11'31	6°15'22	22°42'17	17°46'26	4°47'25	25°35'25	25°18'14	14°44'15	15°49'25	26°45'50	26°Y30	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	23n 3	13s49	4n43	21n55	1n49	15n43	3s21	5n 4	0n53	6s25	1n18	15s37	0s46	18n49	0s18	8s18
M 2	22 59	10 52	4 16	21 30	1 45	15 52	3 23	4 50	0 52	6 26	1 18	15 38	0 47	18 50	0 18	8 18
T 3	22 54	7 25	3 36	21 4	1 41	16 1	3 25	4 36	0 51	6 28	1 18	15 39	0 47	18 51	0 18	8 18
W 4	22 49	3 35	2 45	20 37	1 35	16 10	3 27	4 23	0 50	6 29	1 17	15 40	0 47	18 51	0 18	8 18
T 5	22 44	0n30	1 44	20 10	1 29	16 20	3 28	4 9	0 49	6 30	1 17	15 41	0 47	18 52	0 18	8 18
F 6	22 38	4 39	0 37	19 41	1 23	16 29	3 29	3 55	0 48	6 32	1 17	15 42	0 47	18 53	0 18	8 18
S 7	22 32	8 40	0s34	19 12	1 16	16 39	3 30	3 41	0 47	6 33	1 17	15 44	0 47	18 53	0 18	8 18
S 8	22 25	12 21	1 45	18 43	1 8	16 48	3 30	3 27	0 46	6 35	1 16	15 45	0 47	18 54	0 18	8 18
M 9	22 19	15 25	2 52	18 13	1 0	16 58	3 31	3 13	0 45	6 37	1 16	15 46	0 47	18 54	0 18	8 18
T 10	22 11	17 34	3 49	17 43	0 51	17 8	3 31	2 59	0 44	6 38	1 16	15 47	0 48	18 55	0 18	8 18
W 11	22 4	18 34	4 31	17 13	0 42	17 18	3 31	2 45	0 43	6 40	1 16	15 48	0 48	18 55	0 18	8 19
T 12	21 56	18 16	4 56	16 43	0 32	17 27	3 31	2 31	0 42	6 42	1 15	15 49	0 48	18 56	0 18	8 19
F 13	21 47	16 39	4 59	16 13	0 21	17 37	3 31	2 16	0 41	6 44	1 15	15 51	0 48	18 56	0 18	8 19
S 14	21 38	13 56	4 42	15 43	0 11	17 47	3 31	2 2	0 40	6 46	1 15	15 52	0 48	18 57	0 18	8 19
S 15	21 29	10 22	4 6	15 13	0s 1	17 56	3 30	1 48	0 39	6 48	1 15	15 53	0 48	18 58	0 18	8 19
M 16	21 20	6 17	3 16	14 43	0 12	18 6	3 30	1 34	0 38	6 50	1 14	15 54	0 48	18 58	0 18	8 19
T 17	21 10	2 0	2 15	14 14	0 24	18 15	3 29	1 19	0 37	6 52	1 14	15 56	0 48	18 59	0 18	8 19
W 18	21 0	2s15	1 9	13 45	0 37	18 24	3 28	1 5	0 36	6 54	1 14	15 57	0 49	18 59	0 18	8 19
T 19	20 49	6 15	0 2	13 17	0 49	18 33	3 27	0 50	0 36	6 57	1 14	15 58	0 49	19 0	0 18	8 20
F 20	20 38	9 51	1n 4	12 50	1 2	18 42	3 26	0 36	0 35	6 59	1 13	16 0	0 49	19 0	0 18	8 20
S 21	20 27	12 57	2 5	12 23	1 16	18 51	3 25	0 21	0 34	7 1	1 13	16 1	0 49	19 0	0 18	8 20
S 22	20 15	15 27	3 0	11 57	1 29	18 59	3 23	0 7	0 33	7 4	1 13	16 2	0 49	19 1	0 18	8 20
M 23	20 3	17 15	3 46	11 33	1 43	19 8	3 22	0s 8	0 32	7 6	1 13	16 4	0 49	19 1	0 18	8 20
T 24	19 51	18 18	4 22	11 9	1 57	19 16	3 20	0 23	0 31	7 8	1 12	16 5	0 49	19 2	0 18	8 21
W 25	19 38	18 33	4 44	10 47	2 11	19 23	3 18	0 37	0 30	7 11	1 12	16 7	0 49	19 2	0 18	8 21
T 26	19 26	18 0	5 0	10 26	2 25	19 31	3 16	0 52	0 29	7 14	1 12	16 8	0 49	19 3	0 18	8 21
F 27	19 12	16 38	4 59	10 6	2 40	19 38	3 14	1 7	0 28	7 16	1 12	16 9	0 50	19 3	0 18	8 21
S 28	18 59	14 31	4 45	9 48	2 54	19 45	3 12	1 21	0 28	7 19	1 12	16 11	0 50	19 3	0 18	8 22
S 29	18 45	11 44	4 18	9 32	3 7	19 52	3 10	1 36	0 27	7 22	1 11	16 12	0 50	19 4	0 18	8 22
M 30	18 31	8 24	3 38	9 18	3 21	19 58	3 8	1 51	0 26	7 24	1 11	16 14	0 50	19 4	0 18	8 22
T 31	18n16	4s39	2n47	9n 6	3s34	20n 4	3s 5	2s 6	0n25	7s27	1n11	16s15	0s50	19n 5	0s18	8s23

Julian Day Number = 2674523.5, Delta T = 20m53s

Ecliptic obliquity = 23°21'27", Nutation = 0°00'06"

Ayanamsha: Fagan/Bradley = 33°16'46", Lahiri = 32°23'45"

## ASTRODIENST EPHEMERIS for the year 2610

AUGUST 2610

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 36 51	8♂42'24	24♂16	26°R57	23♂32	6♂51	22♂9	17°R41	26♂48	25♂36	25♂19	14°R40	15♂56	26♂57	26°R30	W 1
T 2	20 40 47	9°39'41	7♂14	26♂46	24°34	7°26	22°16	17♂37	26°50	25°37	25°19	14♂38	15°53	27°3	26°Y30	T 2
F 3	20 44 44	10°37'00	20°26	26°31	25°36	8°2	22°24	17°33	26°51	25°37	25°20	14°D38	15°49	27°10	26°30	F 3
S 4	20 48 40	11°34'19	3♂56	26°10	26°38	8°38	22°31	17°28	26°53	25°38	25°20	14°39	15°46	27°17	26°30	S 4
S 5	20 52 37	12°31'39	17°43	25°46	27°40	9°14	22°39	17°24	26°54	25°39	25°21	14°R39	15°43	27°23	26°29	S 5
M 6	20 56 33	13°29'00	1♂49	25°16	28°43	9°50	22°47	17°19	26°56	25°40	25°21	14°38	15°40	27°30	26°29	M 6
T 7	21 0 30	14°26'22	16°14	24°43	29°46	10°26	22°55	17°15	26°57	25°41	25°22	14°34	15°37	27°37	26°29	T 7
W 8	21 4 27	15°23'45	0♂54	24°7	0♂49	11°2	23°3	17°10	26°58	25°42	25°22	14°28	15°34	27°44	26°28	W 8
T 9	21 8 23	16°21'09	15°44	23°27	1°53	11°39	23°11	17°6	26°59	25°43	25°22	14°21	15°30	27°50	26°28	T 9
F 10	21 12 20	17°18'34	0♂36	22°45	2°57	12°15	23°19	17°2	27°1	25°44	25°23	14°12	15°27	27°57	26°27	F 10
S 11	21 16 16	18°16'00	15°22	22°1	4°1	12°51	23°28	16°57	27°2	25°45	25°23	14°4	15°24	28°4	26°27	S 11
S 12	21 20 13	19°13'26	29°53	21°15	5°5	13°28	23°36	16°53	27°3	25°46	25°23	13°56	15°21	28°10	26°26	S 12
M13	21 24 9	20°10'53	14♂4	20°30	6°9	14°5	23°45	16°48	27°4	25°47	25°24	13°51	15°18	28°17	26°25	M13
T 14	21 28 6	21°8'21	27°49	19°45	7°14	14°41	23°53	16°44	27°5	25°49	25°24	13°48	15°15	28°24	26°25	T 14
W15	21 32 2	22°5'50	11♂8	19°1	8°19	15°18	24°2	16°39	27°6	25°50	25°24	13°D46	15°11	28°31	26°24	W15
T 16	21 35 59	23°3'19	24°3	18°20	9°24	15°55	24°11	16°35	27°7	25°51	25°24	13°47	15°8	28°37	26°23	T 16
F 17	21 39 55	24°0'50	6♂35	17°42	10°29	16°32	24°20	16°30	27°7	25°52	25°24	13°48	15°5	28°44	26°22	F 17
S 18	21 43 52	24°58'20	18°51	17°7	11°34	17°9	24°29	16°26	27°8	25°53	25°25	13°49	15°2	28°51	26°21	S 18
S 19	21 47 49	25°55'52	0♂53	16°37	12°40	17°46	24°39	16°22	27°9	25°55	25°25	13°R49	14°59	28°57	26°20	S 19
M20	21 51 45	26°53'24	12°48	16°12	13°46	18°23	24°48	16°17	27°10	25°56	25°25	13°47	14°55	29°4	26°19	M20
T 21	21 55 42	27°50'58	24°40	15°53	14°52	19°1	24°57	16°13	27°10	25°57	25°25	13°44	14°52	29°11	26°18	T 21
W22	21 59 38	28°48'32	6♂34	15°40	15°58	19°38	25°7	16°9	27°11	25°59	25°25	13°39	14°49	29°18	26°17	W22
T 23	22 3 35	29°46'07	18°32	15°D34	17°4	20°15	25°17	16°4	27°11	26°0	25°25	13°32	14°46	29°24	26°16	T 23
F 24	22 7 31	0♂43'43	0♂39	15°34	18°11	20°53	25°26	16°0	27°12	26°2	25°25	13°25	14°43	29°31	26°14	F 24
S 25	22 11 28	1°41'20	12°56	15°42	19°18	21°31	25°36	15°56	27°12	26°3	25°25	13°17	14°40	29°38	26°13	S 25
S 26	22 15 24	2°38'58	25°25	15°56	20°25	22°8	25°46	15°52	27°13	26°5	25°R25	13°10	14°36	29°44	26°12	S 26
M27	22 19 21	3°36'37	8♂6	16°18	21°32	22°46	25°56	15°48	27°13	26°6	25°25	13°5	14°33	29°51	26°10	M27
T 28	22 23 18	4°34'18	20°59	16°48	22°39	23°24	26°6	15°44	27°13	26°8	25°25	13°1	14°30	29°58	26°9	T 28
W29	22 27 14	5°32'00	4♂5	17°24	23°46	24°2	26°16	15°40	27°14	26°9	25°25	12°59	14°27	0♂5	26°7	W29
T 30	22 31 11	6°29'43	17°23	18°8	24°54	24°40	26°27	15°35	27°14	26°11	25°25	12°D58	14°24	0°11	26°6	T 30
F 31	22 35 7	7♂27'28	0♂52	18♂59	26♂1	25♂18	26♂37	15♂32	27♂14	26♂12	25♂25	12♂59	14♂20	0♂18	26♂Y4	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	18n 1	0s39	1n46	8n56	3s47	20n10	3s 3	2s20	0n24	7s30	1n11	16s16	0s50	19n 5	0s18	8s23	1n35	4n 1	15s26	5s46	6s15	18s27	10n54	0n46			
T 2	17 46	3n28	0 39	8 48	3 59	20 15	3 0	2 35	0 23	7 33	1 11	16 18	0 50	19 5	0 18	8 23	1 35	4 1	15 26	5 45	6 14	18 27	10 54	0 46			
F 3	17 31	7 29	0s31	8 42	4 11	20 20	2 57	2 50	0 22	7 36	1 10	16 19	0 50	19 6	0 18	8 24	1 35	4 1	15 26	5 45	6 12	18 27	10 54	0 46			
S 4	17 15	11 12	1 41	8 39	4 21	20 24	2 55	3 5	0 22	7 39	1 10	16 21	0 50	19 6	0 18	8 24	1 35	4 1	15 26	5 45	6 11	18 27	10 54	0 46			
S 5	16 59	14 23	2 47	8 38	4 31	20 28	2 52	3 20	0 21	7 42	1 10	16 22	0 50	19 6	0 18	8 24	1 35	4 0	15 27	5 45	6 10	18 27	10 54	0 46			
M 6	16 43	16 48	3 44	8 40	4 39	20 32	2 49	3 35	0 20	7 45	1 10	16 24	0 51	19 7	0 18	8 25	1 35	4 0	15 27	5 45	6 9	18 27	10 54	0 46			
T 7	16 27	18 12	4 29	8 44	4 47	20 36	2 46	3 49	0 19	7 48	1 9	16 25	0 51	19 7	0 18	8 25	1 35	4 0	15 27	5 43	6 8	18 27	10 54	0 46			
W 8	16 10	18 25	4 56	8 50	4 52	20 38	2 43	4 4	0 18	7 51	1 9	16 26	0 51	19 7	0 18	8 26	1 35	4 0	15 28	5 41	6 6	18 26	10 54	0 46			
T 9	15 53	17 23	5 5	8 59	4 57	20 41	2 40	4 19	0 18	7 54	1 9	16 28	0 51	19 7	0 18	8 26	1 35	4 0	15 28	5 38	6 5	18 26	10 53	0 46			
F 10	15 36	15 11	4 53	9 10	4 59	20 43	2 37	4 34	0 17	7 58	1 9	16 29	0 51	19 8	0 18	8 26	1 35	3 59	15 28	5 35	6 4	18 26	10 53	0 46			
S 11	15 18	12 1	4 21	9 23	5 0	20 45	2 33	4 49	0 16	8 1	1 9	16 31	0 51	19 8	0 18	8 27	1 35	3 59	15 28	5 32	6 3	18 26	10 53	0 46			
S 12	15 0	8 9	3 33	9 38	4 59	20 46	2 30	5 4	0 15	8 4	1 8	16 32	0 51	19 8	0 18	8 27	1 35	3 59	15 29	5 29	6 1	18 26	10 53	0 46			
M13	14 42	3 54	2 33	9 55	4 57	20 46	2 27	5 19	0 14	8 8	1 8	16 34	0 51	19 8	0 18	8 28	1 35	3 59	15 29	5 27	6 0	18 26	10 52	0 46			
T 14	14 24	0s26	1 25	10 13	4 52	20 47	2 23	5 34	0 14	8 11	1 8	16 35	0 51	19 9	0 18	8 28	1 35	3 58	15 29	5 25	5 59	18 25	10 52	0 46			
W15	14 6	4 37	0 14	10 32	4 46	20 46	2 20	5 49	0 13	8 14	1 8	16 36	0 51	19 9	0 18	8 29	1 35	3 58	15 30	5 25	5 58	18 25	10 52	0 46			
T 16	13 47	8 27	0n55	10 52	4 38	20 46	2 16	6 3	0 12	8 18	1 8	16 38	0 51	19 9	0 18	8 29	1 35	3 58	15 30	5 25	5 57	18 25	10 51	0 46			
F 17	13 28	11 47	2 0	11 13	4 28	20 44	2 13	6 18	0 11	8 21	1 8	16 39	0 51	19 9	0 18	8 30	1 35	3 58	15 30	5 26	5 55	18 25	10 51	0 46			
S 18	13 9	14 31	2 58	11 34	4 17	20 43	2 9	6 33	0 10	8 25	1 7	16 41	0 52	19 9	0 18	8 30	1 34	3 58	15 31	5 26	5 54	18 25	10 51	0 46			
S 19	12 50	16 34	3 46	11 55	4 5	20 40	2 6	6 48	0 10	8 28	1 7	16 42	0 52	19 10	0 18	8 31	1 34	3 57	15 31	5 26	5 53	18 24	10 50	0 46			
M20	12 30	17 53	4 25	12 15	3 51	20 38	2 2	7 3	0 9	8 32	1 7	16 43	0 52	19 10	0 18	8 31	1 34	3 57	15 31	5 25	5 52	18 24	10 50	0 46			
T 21	12 11	18 24	4 52	12 35	3 36	20 34	1 58	7 18	0 8	8 36	1 7	16 45	0 52	19 10	0 18	8 32	1 34	3 57	15 31	5 24	5 50	18 24	10 49	0 46			
W22	11 51	18 6	5 6	12 54	3 20	20 31	1 54	7 33	0 7	8 39	1 7	16 46	0 52	19 10	0 18	8 32	1 34	3 56	15 32	5 22	5 49	18 24	10 49	0 45			
T 23	11 31	17 0	5 7	13 11	3 4	20 26	1 51	7 47	0 7	8 43	1 7	16 47	0 52	19 10	0 18	8 33	1 34	3 56	15 32	5 19	5 48	18 24	10 49	0 45			
F 24	11 11	15 9	4 55	13 27	2 47	20 22	1 47	8 2	0 6	8 47	1 6	16 49	0 52	19 10	0 18	8 33	1 34	3 56	15 32	5 17	5 47	18 23	10 48	0 45			
S 25	10 50	12 35	4 29	13 42	2 30	20 16	1 43	8 17	0 5	8 50	1 6	16 50	0 52	19 10	0 18	8 34	1 34	3 56	15 33	5 14	5 46	18 23	10 48	0 45			
S 26	10 30	9 24	3 49	13 54	2 12	20 11	1 39	8 32	0 4	8 54	1 6	16 51	0 52	19 10	0 18	8 34	1 34	3 55	15 33	5 11	5 44	18 23	10 47	0 45			
M27	10 9	5 45	2 58	14 4	1 55	20 4	1 35	8 46	0 4	8 58	1 6	16 53	0 52	19 10	0 18	8 35	1 34	3 55	15 33	5 9	5 43	18 23	10 47	0 45			
T 28	9 48	1 46	1 57	14 12	1 37	19 57	1 32	9 1	0 3	9 2	1 6	16 54	0 52	19 10	0 18	8 36	1 34	3 55	15 33	5 7	5 42	18 23	10 46	0 45			
W29	9 27	2n21	0 48	14 18	1 20	19 50	1 28	9 16	0 2	9 5	1 6	16 55	0 52	19 11	0 18	8 36	1 34	3 54	15 34	5 7	5 41	18 22	10 45	0 45			
T 30	9 6	6 26	0s24	14 21	1 3	19 42	1 24	9 30	0 1	9 9	1 5	16 56	0 52	19 11	0 18	8 37	1 34	3 54	15 34	5 6	5 39	18 22	10 45	0 45			
F 31	8n45	10n14	1s36	14n21	0s46	19n34	1s20	9s45	0n 1	9s13	1n 5	16s58	0s52	19n11	0s18	8s37	1m34	3n54	15s34	5s 7	5s38	18s22	10m44	0n45			

## ASTRODIENST EPHEMERIS for the year 2610

SEPTEMBER 2610

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 39 4	8♐25'14	14♌34	19♏57	27♌9	25♏56	26♏48	15°R28	27♌14	26♏14	25°R25	13♏1	14♏17	0♌25	26°R 3	S 1
S 2	22 43 0	9°23'02	28°27	21° 1	28°17	26°34	26°58	15°24	27°R14	26°16	25°R25	13° 2	14°14	0°31	26°Y 1	S 2
M 3	22 46 57	10°20'52	12♐31	22°12	29°25	27°13	27° 9	15°20	27°14	26°17	25°25	13°R 3	14°11	0°38	26° 0	M 3
T 4	22 50 53	11°18'44	26°46	23°29	0♌34	27°51	27°19	15°16	27°14	26°19	25°24	13° 2	14° 8	0°45	25°58	T 4
W 5	22 54 50	12°16'37	11♌8	24°51	1°42	28°29	27°30	15°12	27°14	26°21	25°24	12°59	14° 5	0°52	25°56	W 5
T 6	22 58 47	13°14'32	25°34	26°19	2°51	29° 8	27°41	15° 9	27°14	26°22	25°24	12°56	14° 1	0°58	25°54	T 6
F 7	23 2 43	14°12'29	10♏0	27°51	3°59	29°47	27°52	15° 5	27°13	26°24	25°24	12°52	13°58	1° 5	25°52	F 7
S 8	23 6 40	15°10'28	24°20	29°28	5° 8	0♌25	28° 3	15° 2	27°13	26°26	25°23	12°48	13°55	1°12	25°50	S 8
S 9	23 10 36	16° 8'28	8♐28	1♐9	6°17	1° 4	28°14	14°58	27°13	26°28	25°23	12°44	13°52	1°18	25°49	S 9
M10	23 14 33	17° 6'29	22°21	2°53	7°26	1°43	28°25	14°55	27°13	26°29	25°23	12°42	13°49	1°25	25°47	M10
T 11	23 18 29	18° 4'33	5♏54	4°40	8°36	2°22	28°36	14°51	27°12	26°31	25°22	12°41	13°46	1°32	25°45	T 11
W12	23 22 26	19° 2'37	19° 7	6°29	9°45	3° 1	28°48	14°48	27°12	26°33	25°22	12°D41	13°42	1°39	25°43	W12
T 13	23 26 22	20° 0'43	1♌58	8°21	10°55	3°40	28°59	14°45	27°11	26°35	25°22	12°42	13°39	1°45	25°40	T 13
F 14	23 30 19	20°58'51	14°31	10°14	12° 4	4°19	29°10	14°42	27°11	26°37	25°21	12°43	13°36	1°52	25°38	F 14
S 15	23 34 16	21°57'00	26°47	12° 8	13°14	4°58	29°22	14°38	27°10	26°39	25°21	12°45	13°33	1°59	25°36	S 15
S 16	23 38 12	22°55'11	8♏51	14° 3	14°24	5°38	29°33	14°35	27° 9	26°41	25°21	12°46	13°30	2° 6	25°34	S 16
M17	23 42 9	23°53'23	20°47	15°58	15°34	6°17	29°45	14°32	27° 9	26°43	25°20	12°R46	13°26	2°12	25°32	M17
T 18	23 46 5	24°51'36	2♌30	17°54	16°44	6°56	29°57	14°30	27° 8	26°45	25°20	12°46	13°23	2°19	25°30	T 18
W19	23 50 2	25°49'51	14°35	19°50	17°54	7°36	0♌8	14°27	27° 7	26°46	25°19	12°45	13°20	2°26	25°27	W19
T 20	23 53 58	26°48'08	26°36	21°45	19° 4	8°16	0°20	14°24	27° 6	26°48	25°19	12°44	13°17	2°32	25°25	T 20
F 21	23 57 55	27°46'26	8♏46	23°41	20°15	8°55	0°32	14°22	27° 5	26°50	25°18	12°42	13°14	2°39	25°23	F 21
S 22	0 1 51	28°44'45	21°10	25°35	21°25	9°35	0°44	14°19	27° 4	26°52	25°18	12°40	13°11	2°46	25°20	S 22
S 23	0 5 48	29°43'06	3♐49	27°29	22°36	10°15	0°56	14°16	27° 3	26°54	25°17	12°38	13° 7	2°53	25°18	S 23
M24	0 9 44	0♏41'29	16°44	29°22	23°46	10°55	1° 8	14°14	27° 2	26°57	25°16	12°36	13° 4	2°59	25°15	M24
T 25	0 13 41	1°39'53	29°57	1♏14	24°57	11°35	1°20	14°12	27° 1	26°59	25°16	12°35	13° 1	3° 6	25°13	T 25
W26	0 17 38	2°38'19	13♐26	3° 6	26° 8	12°15	1°32	14°10	27° 0	27° 1	25°15	12°D35	12°58	3°13	25°11	W26
T 27	0 21 34	3°36'48	27°10	4°56	27°19	12°55	1°44	14° 7	26°59	27° 3	25°15	12°35	12°55	3°19	25° 8	T 27
F 28	0 25 31	4°35'18	11♌5	6°46	28°30	13°35	1°56	14° 5	26°58	27° 5	25°14	12°36	12°51	3°26	25° 6	F 28
S 29	0 29 27	5°33'50	25° 9	8°34	29°42	14°15	2° 8	14° 3	26°57	27° 7	25°13	12°37	12°48	3°33	25° 3	S 29
S 30	0 33 24	6♏32'25	9♐20	10♏22	0♐53	14♌55	2♌21	14°22	26°55	27° 9	25°13	12°37	12°45	3°40	25°Y 0	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	8n23	13n33	2s44	14n18	0s30	19n25	1s16	9s59	0s 0	9s17	1n 5	16s59	0s52	19n11	0s18	8s38	1n34	3n54	15s35	5s 7	5s37	18s22	10n44	0n45	
S 2	8 1	16 7	3 43	14 12	0 15	19 15	1 12	10 14	0 1	9 21	1 5	17 0	0 52	19 11	0 18	8 39	1 34	3 53	15 35	5 8	5 36	18 21	10 43	0 45	
M 3	7 40	17 46	4 29	14 3	0 0	19 5	1 8	10 28	0 2	9 25	1 5	17 1	0 52	19 11	0 18	8 39	1 34	3 53	15 35	5 8	5 34	18 21	10 42	0 45	
T 4	7 18	18 19	5 0	13 52	0n14	18 55	1 4	10 42	0 2	9 29	1 5	17 2	0 52	19 11	0 18	8 40	1 34	3 53	15 36	5 8	5 33	18 21	10 42	0 45	
W 5	6 56	17 42	5 12	13 37	0 27	18 44	1 1	10 57	0 3	9 33	1 4	17 3	0 52	19 11	0 18	8 40	1 34	3 52	15 36	5 7	5 32	18 21	10 41	0 45	
T 6	6 34	15 57	5 5	13 19	0 39	18 32	0 57	11 11	0 4	9 37	1 4	17 4	0 52	19 11	0 18	8 41	1 34	3 52	15 36	5 5	5 31	18 20	10 40	0 45	
F 7	6 12	13 12	4 38	12 57	0 50	18 20	0 53	11 25	0 4	9 41	1 4	17 6	0 53	19 10	0 18	8 42	1 34	3 52	15 36	5 4	5 30	18 20	10 40	0 45	
S 8	5 49	9 41	3 55	12 33	1 0	18 8	0 49	11 40	0 5	9 45	1 4	17 7	0 53	19 10	0 18	8 42	1 34	3 51	15 37	5 2	5 28	18 20	10 39	0 45	
S 9	5 27	5 38	2 57	12 6	1 9	17 55	0 45	11 54	0 6	9 49	1 4	17 8	0 53	19 10	0 18	8 43	1 34	3 51	15 37	5 1	5 27	18 20	10 38	0 45	
M10	5 4	1 21	1 49	11 37	1 17	17 41	0 41	12 8	0 6	9 53	1 4	17 9	0 53	19 10	0 18	8 44	1 34	3 51	15 37	5 0	5 26	18 19	10 37	0 45	
T 11	4 42	2s54	0 37	11 5	1 24	17 27	0 37	12 22	0 7	9 57	1 4	17 10	0 53	19 10	0 18	8 44	1 34	3 50	15 37	5 0	5 25	18 19	10 37	0 45	
W12	4 19	6 55	0n35	10 30	1 30	17 12	0 34	12 36	0 8	10 1	1 4	17 11	0 53	19 10	0 18	8 45	1 34	3 50	15 38	4 59	5 23	18 19	10 36	0 45	
T 13	3 57	10 29	1 44	9 53	1 36	16 57	0 30	12 50	0 9	10 5	1 3	17 12	0 53	19 10	0 18	8 46	1 34	3 50	15 38	5 0	5 22	18 19	10 35	0 45	
F 14	3 34	13 29	2 46	9 15	1 40	16 42	0 26	13 4	0 9	10 9	1 3	17 13	0 53	19 10	0 18	8 47	1 34	3 49	15 38	5 0	5 21	18 18	10 34	0 45	
S 15	3 11	15 48	3 40	8 34	1 43	16 26	0 22	13 17	0 10	10 14	1 3	17 14	0 53	19 10	0 18	8 47	1 34	3 49	15 39	5 1	5 20	18 18	10 33	0 44	
S 16	2 48	17 23	4 22	7 53	1 45	16 10	0 19	13 31	0 11	10 18	1 3	17 15	0 53	19 9	0 18	8 48	1 34	3 49	15 39	5 2	5 18	18 18	10 32	0 44	
M17	2 25	18 10	4 53	7 9	1 47	15 53	0 15	13 45	0 11	10 22	1 3	17 15	0 53	19 9	0 18	8 49	1 33	3 48	15 39	5 2	5 17	18 18	10 32	0 44	
T 18	2 2	18 9	5 11	6 25	1 48	15 35	0 11	13 58	0 12	10 26	1 3	17 16	0 53	19 9	0 18	8 49	1 33	3 48	15 39	5 2	5 16	18 17	10 31	0 44	
W19	1 39	17 20	5 15	5 40	1 47	15 18	0 8	14 12	0 13	10 30	1 3	17 17	0 53	19 9	0 18	8 50	1 33	3 47	15 40	5 1	5 15	18 17	10 30	0 44	
T 20	1 16	15 45	5 6	4 54	1 47	14 59	0 4	14 25	0 13	10 34	1 3	17 18	0 53	19 9	0 18	8 51	1 33	3 47	15 40	5 1	5 14	18 17	10 29	0 44	
F 21	0 53	13 26	4 44	4 7	1 45	14 41	0 1	14 39	0 14	10 39	1 2	17 19	0 53	19 9	0 18	8 52	1 33	3 47	15 40	5 0	5 12	18 16	10 28	0 44	
S 22	0 30	10 29	4 7	3 20	1 43	14 22	0n 3	14 52	0 15	10 43	1 2	17 19	0 53	19 8	0 18	8 52	1 33	3 46	15 40	4 59	5 11	18 16	10 27	0 44	
S 23	0 7	7 0	3 18	2 32	1 41	14 2	0 6	15 5	0 15	10 47	1 2	17 20	0 53	19 8	0 18	8 53	1 33	3 46	15 41	4 58	5 10	18 16	10 26	0 44	
M24	0s16	3 6	2 18	1 45	1 38	13 42	0 10	15 18	0 16	10 51	1 2	17 21	0 53	19 8	0 18	8 54	1 33	3 46	15 41	4 58	5 9	18 16	10 25	0 44	
T 25	0 40	1n 3	1 9	0 57	1 34	13 22	0 13	15 31	0 17	10 56	1 2	17 21	0 53	19 8	0 18	8 55	1 33	3 45	15 41	4 57	5 7	18 15	10 24	0 44	
W26	1 3	5 13	0s 5	0 9	1 30	13 1	0 16	15 44	0 17	11 0	1 2	17 22	0 53	19 7	0 18	8 55	1 33	3 45	15 41	4 57	5 6	18 15	10 23	0 44	
T 27	1 26	9 11	1 20	0s38	1 26	12 40	0 20	15 57	0 18	11 4	1 2	17 23	0 53	19 7	0 18	8 56	1 33	3 45	15 42	4 57	5 5	18 15	10 22	0 44	
F 28	1 49	12 42	2 31	1 26	1 21	12 19	0 23	16 9	0 18	11 8	1 2	17 23	0 53	19 7	0 18	8 57	1 33	3 44	15 42	4 58	5 4	18 14	10 22	0 44	
S 29	2 12	15 31	3 35	2 13	1 16	11 57	0 26	16 22	0 19	11 13	1 2	17 24	0 53	19 6	0 18	8 58	1 33	3 44	15 42	4 58	5 2	18 14	10 21	0 44	
S 30	2s35	17n24	4s25	3s 0	1n11	11n35	0n29	16s34	0s20	11s17	1n 1	17s24	0s53	19n 6	0s18	8s58	1n33	3n43	15s42	4s58	5s 1	18s14	10n20	0n44	

## ASTRODIENST EPHEMERIS for the year 2610

OCTOBER 2610

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 37 20	7♂31'01	23♂33	12♂ 8	2♂ 4	15♂36	2♂33	14°R 0	26°R54	27♂11	25°R12	12♂38	12♂42	3♂46	24°R58	M 1
T 2	0 41 17	8°29'40	7♂47	13°54	3°16	16°16	2°45	13♂58	26♂51	27°13	25♂11	12°R38	12°39	3°53	24°V55	T 2
W 3	0 45 13	9°28'21	21°59	15°38	4°27	16°57	2°58	13°57	26°51	27°15	25°11	12°38	12°36	4° 0	24°53	W 3
T 4	0 49 10	10°27'05	6♂ 7	17°22	5°39	17°37	3°10	13°55	26°50	27°18	25°10	12°38	12°32	4° 6	24°50	T 4
F 5	0 53 7	11°25'50	20° 8	19° 5	6°51	18°18	3°23	13°54	26°48	27°20	25° 9	12°37	12°29	4°13	24°47	F 5
S 6	0 57 3	12°24'38	4♂ 0	20°46	8° 3	18°59	3°35	13°52	26°47	27°22	25° 8	12°D37	12°26	4°20	24°45	S 6
S 7	1 1 0	13°23'27	17°40	22°27	9°15	19°40	3°48	13°51	26°45	27°24	25° 7	12°37	12°23	4°27	24°42	S 7
M 8	1 4 56	14°22'19	1♂ 8	24° 7	10°27	20°21	4° 0	13°50	26°44	27°26	25° 7	12°37	12°20	4°33	24°39	M 8
T 9	1 8 53	15°21'13	14°21	25°45	11°39	21° 2	4°13	13°49	26°42	27°28	25° 6	12°R37	12°17	4°40	24°37	T 9
W10	1 12 49	16°20'09	27°19	27°23	12°51	21°43	4°26	13°48	26°40	27°31	25° 5	12°37	12°13	4°47	24°34	W10
T 11	1 16 46	17°19'07	10♂ 0	29° 0	14° 4	22°24	4°38	13°47	26°38	27°33	25° 4	12°37	12°10	4°54	24°31	T 11
F 12	1 20 42	18°18'07	22°28	0♂37	15°16	23° 5	4°51	13°47	26°37	27°35	25° 3	12°36	12° 7	5° 0	24°29	F 12
S 13	1 24 39	19°17'08	4♂41	2°12	16°29	23°46	5° 4	13°46	26°35	27°37	25° 2	12°36	12° 4	5° 7	24°26	S 13
S 14	1 28 36	20°16'12	16°45	3°47	17°41	24°28	5°16	13°45	26°33	27°39	25° 2	12°35	12° 1	5°14	24°23	S 14
M15	1 32 32	21°15'17	28°41	5°20	18°54	25° 9	5°29	13°45	26°31	27°42	25° 1	12°34	11°57	5°20	24°20	M15
T 16	1 36 29	22°14'24	10♂33	6°53	20° 6	25°50	5°42	13°45	26°29	27°44	25° 0	12°33	11°54	5°27	24°18	T 16
W17	1 40 25	23°13'32	22°27	8°25	21°19	26°32	5°55	13°44	26°27	27°46	24°59	12°D33	11°51	5°34	24°15	W17
T 18	1 44 22	24°12'43	4♂26	9°57	22°32	27°14	6° 8	13°44	26°25	27°48	24°58	12°33	11°48	5°41	24°12	T 18
F 19	1 48 18	25°11'55	16°36	11°27	23°45	27°55	6°21	13°D44	26°23	27°51	24°57	12°34	11°45	5°47	24° 9	F 19
S 20	1 52 15	26°11'09	29° 0	12°57	24°58	28°37	6°34	13°44	26°21	27°53	24°56	12°35	11°42	5°54	24° 7	S 20
S 21	1 56 11	27°10'25	11♂43	14°26	26°11	29°19	6°46	13°45	26°19	27°55	24°55	12°36	11°38	6° 1	24° 4	S 21
M22	2 0 8	28° 9'42	24°47	15°54	27°24	0♂ 1	6°59	13°45	26°17	27°57	24°54	12°37	11°35	6° 7	24° 1	M22
T 23	2 4 4	29° 9'01	8°V13	17°22	28°37	0°43	7°12	13°45	26°15	27°59	24°53	12°R38	11°32	6°14	23°58	T 23
W24	2 8 1	0♂ 8'22	22° 2	18°48	29°51	1°25	7°25	13°46	26°13	28° 2	24°52	12°38	11°29	6°21	23°56	W24
T 25	2 11 58	1° 7'46	6♂10	20°14	1♂ 4	2° 7	7°38	13°46	26°11	28° 4	24°51	12°37	11°26	6°28	23°53	T 25
F 26	2 15 54	2° 7'11	20°34	21°39	2°17	2°49	7°51	13°47	26° 9	28° 6	24°50	12°35	11°23	6°34	23°50	F 26
S 27	2 19 51	3° 6'38	5♂ 7	23° 3	3°31	3°31	8° 4	13°48	26° 6	28° 8	24°49	12°32	11°19	6°41	23°48	S 27
S 28	2 23 47	4° 6'08	19°44	24°26	4°44	4°13	8°17	13°49	26° 4	28°11	24°48	12°29	11°16	6°48	23°45	S 28
M29	2 27 44	5° 5'40	4♂18	25°49	5°58	4°56	8°30	13°50	26° 2	28°13	24°47	12°26	11°13	6°55	23°42	M29
T 30	2 31 40	6° 5'14	18°44	27°10	7°11	5°38	8°43	13°51	26° 0	28°15	24°46	12°24	11°10	7° 1	23°40	T 30
W31	2 35 37	7♂ 4'50	2♂58	28♂30	8♂25	6♂21	8♂56	13♂52	25♂57	28♂17	24♂45	12°D24	11♂ 7	7♂ 8	23°V37	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	2s58	18n13	5s 0	3s47	1n 5	11n12	0n32	16s47	0s20	11s21	1n 1	17s25	0s53	19n 6	0s18	M 1
T 2	3 21	17 52	5 16	4 33	0 59	10 49	0 35	16 59	0 21	11 26	1 1	17 25	0 53	19 6	0 19	T 2
W 3	3 44	16 25	5 13	5 19	0 53	10 26	0 38	17 11	0 22	11 30	1 1	17 26	0 53	19 5	0 19	W 3
T 4	4 7	13 59	4 51	6 4	0 47	10 3	0 41	17 23	0 22	11 34	1 1	17 26	0 53	19 5	0 19	T 4
F 5	4 30	10 44	4 12	6 49	0 41	9 39	0 44	17 35	0 23	11 38	1 1	17 27	0 53	19 5	0 19	F 5
S 6	4 53	6 56	3 18	7 33	0 34	9 15	0 47	17 47	0 23	11 43	1 1	17 27	0 53	19 4	0 19	S 6
S 7	5 16	2 48	2 14	8 17	0 27	8 51	0 50	17 59	0 24	11 47	1 1	17 27	0 53	19 4	0 19	S 7
M 8	5 39	1s25	1 3	9 0	0 20	8 26	0 52	18 10	0 25	11 51	1 1	17 28	0 53	19 3	0 19	M 8
T 9	6 2	5 30	0n10	9 43	0 13	8 1	0 55	18 21	0 25	11 56	1 1	17 28	0 53	19 3	0 19	T 9
W10	6 24	9 14	1 21	10 24	0 6	7 36	0 57	18 33	0 26	12 0	1 1	17 28	0 53	19 3	0 19	W10
T 11	6 47	12 27	2 26	11 6	0s 1	7 10	1 0	18 44	0 26	12 4	1 1	17 29	0 53	19 2	0 19	T 11
F 12	7 9	15 3	3 23	11 46	0 8	6 45	1 2	18 55	0 27	12 9	1 0	17 29	0 53	19 2	0 19	F 12
S 13	7 31	16 54	4 10	12 26	0 15	6 19	1 5	19 6	0 28	12 13	1 0	17 29	0 53	19 1	0 19	S 13
S 14	7 54	17 58	4 45	13 5	0 22	5 53	1 7	19 17	0 28	12 17	1 0	17 29	0 53	19 1	0 19	S 14
M15	8 16	18 14	5 7	13 43	0 29	5 26	1 9	19 27	0 29	12 22	1 0	17 29	0 53	19 1	0 19	M15
T 16	8 38	17 41	5 16	14 20	0 36	5 0	1 11	19 38	0 29	12 26	1 0	17 29	0 53	19 0	0 19	T 16
W17	9 0	16 22	5 12	14 57	0 43	4 33	1 13	19 48	0 30	12 30	1 0	17 29	0 53	19 0	0 19	W17
T 18	9 21	14 19	4 54	15 33	0 50	4 6	1 15	19 58	0 30	12 34	1 0	17 29	0 53	18 59	0 19	T 18
F 19	9 43	11 38	4 23	16 8	0 57	3 39	1 17	20 8	0 31	12 39	1 0	17 29	0 53	18 59	0 19	F 19
S 20	10 5	8 22	3 38	16 42	1 4	3 12	1 19	20 18	0 32	12 43	1 0	17 29	0 53	18 58	0 19	S 20
S 21	10 26	4 38	2 43	17 15	1 11	2 45	1 21	20 27	0 32	12 47	1 0	17 29	0 53	18 58	0 19	S 21
M22	10 47	0 35	1 37	17 47	1 18	2 17	1 22	20 37	0 33	12 51	1 0	17 29	0 53	18 57	0 19	M22
T 23	11 8	3n37	0 24	18 19	1 25	1 50	1 24	20 46	0 33	12 56	1 0	17 29	0 53	18 57	0 19	T 23
W24	11 29	7 45	0s52	18 49	1 31	1 22	1 25	20 55	0 34	13 0	1 0	17 29	0 53	18 56	0 19	W24
T 25	11 50	11 33	2 6	19 19	1 38	0 54	1 27	21 4	0 34	13 4	1 0	17 29	0 53	18 56	0 19	T 25
F 26	12 10	14 43	3 14	19 47	1 44	0 27	1 28	21 13	0 35	13 8	1 0	17 29	0 53	18 55	0 19	F 26
S 27	12 30	16 59	4 10	20 15	1 50	0s 1	1 29	21 22	0 35	13 13	1 0	17 28	0 53	18 55	0 19	S 27
S 28	12 51	18 8	4 50	20 42	1 56	0 29	1 31	21 30	0 36	13 17	1 0	17 28	0 53	18 54	0 19	S 28
M29	13 11	18 6	5 11	21 7	2 2	0 57	1 32	21 39	0 36	13 21	1 0	17 28	0 53	18 54	0 19	M29
T 30	13 30	16 54	5 12	21 32	2 8	1 25	1 33	21 47	0 37	13 25	1 0	17 27	0 53	18 53	0 19	T 30
W31	13s50	14n39	4s54	21s55	2s13	1s53	1n34	21s55	0s38	13s29	0n59	17s27	0s53	18n53	0s19	W31

Julian Day Number = 2674615.5, Delta T = 20m54s

Ecliptic obliquity = 23°21'27", Nutation = 0°00'03

Ayanamsha: Fagan/Bradley = 33°16'58", Lahiri = 32°23'58"

## ASTRODIENST EPHEMERIS for the year 2610

NOVEMBER 2610

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 39 33	8 <sup>m</sup> 4'29	16 <sup>m</sup> 57	29 <sup>m</sup> 49	9 <sup>m</sup> 39	7 <sup>m</sup> 3	9 <sup>m</sup> 9	13 <sup>m</sup> 53	25 <sup>m</sup> 55	28 <sup>m</sup> 20	24 <sup>m</sup> 44	12 <sup>m</sup> 24	11 <sup>m</sup> 3	7 <sup>m</sup> 15	23 <sup>m</sup> 34	T 1
F 2	2 43 30	9° 4'10	0 <sup>m</sup> 42	1 <sup>m</sup> 7	10° 53	7° 46	9° 23	13° 55	25° 53	28° 22	24° 43	12° 25	11° 0	7° 21	23° 32	F 2
S 3	2 47 27	10° 3'53	14° 12	2° 24	12° 7	8° 28	9° 36	13° 56	25° 50	28° 24	24° 42	12° 26	10° 57	7° 28	23° 29	S 3
S 4	2 51 23	11° 3'38	27° 28	3° 39	13° 20	9° 11	9° 49	13° 58	25° 48	28° 26	24° 41	12° 28	10° 54	7° 35	23° 26	S 4
M 5	2 55 20	12° 3'25	10 <sup>m</sup> 31	4° 53	14° 34	9° 54	10° 2	13° 59	25° 46	28° 28	24° 39	12° 29	10° 51	7° 42	23° 24	M 5
T 6	2 59 16	13° 3'15	23° 21	6° 5	15° 48	10° 37	10° 15	14° 1	25° 43	28° 30	24° 38	12° 28	10° 48	7° 48	23° 21	T 6
W 7	3 3 13	14° 3'06	6 <sup>m</sup> 0	7° 16	17° 2	11° 20	10° 28	14° 3	25° 41	28° 33	24° 37	12° 26	10° 44	7° 55	23° 19	W 7
T 8	3 7 9	15° 3'00	18° 27	8° 24	18° 17	12° 3	10° 41	14° 5	25° 38	28° 35	24° 36	12° 22	10° 41	8° 2	23° 16	T 8
F 9	3 11 6	16° 2'55	0 <sup>m</sup> 45	9° 31	19° 31	12° 46	10° 54	14° 7	25° 36	28° 37	24° 35	12° 17	10° 38	8° 8	23° 14	F 9
S 10	3 15 2	17° 2'52	12° 53	10° 35	20° 45	13° 29	11° 7	14° 9	25° 33	28° 39	24° 34	12° 11	10° 35	8° 15	23° 11	S 10
S 11	3 18 59	18° 2'51	24° 53	11° 36	21° 59	14° 13	11° 20	14° 11	25° 31	28° 41	24° 33	12° 4	10° 32	8° 22	23° 9	S 11
M 12	3 22 56	19° 2'52	6 <sup>m</sup> 47	12° 34	23° 13	14° 56	11° 33	14° 14	25° 29	28° 43	24° 32	11° 57	10° 28	8° 29	23° 6	M 12
T 13	3 26 52	20° 2'54	18° 38	13° 29	24° 28	15° 39	11° 46	14° 16	25° 26	28° 46	24° 31	11° 52	10° 25	8° 35	23° 4	T 13
W 14	3 30 49	21° 2'58	0 <sup>m</sup> 30	14° 20	25° 42	16° 23	11° 59	14° 19	25° 24	28° 48	24° 29	11° 48	10° 22	8° 42	23° 2	W 14
T 15	3 34 45	22° 3'04	12° 26	15° 8	26° 57	17° 6	12° 12	14° 21	25° 21	28° 50	24° 28	11° 46	10° 19	8° 49	22° 59	T 15
F 16	3 38 42	23° 3'11	24° 32	15° 50	28° 11	17° 50	12° 25	14° 24	25° 19	28° 52	24° 27	11° 45	10° 16	8° 56	22° 57	F 16
S 17	3 42 38	24° 3'19	6 <sup>m</sup> 52	16° 28	29° 25	18° 33	12° 38	14° 27	25° 16	28° 54	24° 26	11° 46	10° 13	9° 2	22° 55	S 17
S 18	3 46 35	25° 3'29	19° 31	16° 59	0 <sup>m</sup> 40	19° 17	12° 51	14° 30	25° 14	28° 56	24° 25	11° 47	10° 9	9° 9	22° 53	S 18
M 19	3 50 31	26° 3'41	2 <sup>m</sup> 33	17° 24	1° 54	20° 1	13° 4	14° 33	25° 11	28° 58	24° 24	11° 48	10° 6	9° 16	22° 50	M 19
T 20	3 54 28	27° 3'54	16° 2	17° 43	3° 9	20° 44	13° 16	14° 36	25° 9	29° 0	24° 23	11° 49	10° 3	9° 22	22° 48	T 20
W 21	3 58 25	28° 4'08	29° 59	17° 53	4° 24	21° 28	13° 29	14° 39	25° 6	29° 2	24° 22	11° 47	10° 0	9° 29	22° 46	W 21
T 22	4 2 21	29° 4'24	14 <sup>m</sup> 21	17° 55	5° 38	22° 12	13° 42	14° 42	25° 4	29° 4	24° 20	11° 44	9° 57	9° 36	22° 44	T 22
F 23	4 6 18	0 <sup>m</sup> 47	29° 6	17° 48	6° 53	22° 56	13° 55	14° 46	25° 1	29° 6	24° 19	11° 38	9° 54	9° 43	22° 42	F 23
S 24	4 10 14	1° 5'42	14 <sup>m</sup> 5	17° 31	8° 8	23° 40	14° 8	14° 49	24° 59	29° 8	24° 18	11° 31	9° 50	9° 49	22° 40	S 24
S 25	4 14 11	2° 5'22	29° 10	17° 4	9° 22	24° 24	14° 21	14° 53	24° 56	29° 10	24° 17	11° 23	9° 47	9° 56	22° 38	S 25
M 26	4 18 7	3° 5'45	14 <sup>m</sup> 9	16° 27	10° 37	25° 8	14° 33	14° 56	24° 54	29° 12	24° 16	11° 15	9° 44	10° 3	22° 36	M 26
T 27	4 22 4	4° 6'10	28° 56	15° 40	11° 52	25° 53	14° 46	15° 0	24° 51	29° 14	24° 15	11° 9	9° 41	10° 10	22° 34	T 27
W 28	4 26 0	5° 6'36	13 <sup>m</sup> 23	14° 43	13° 7	26° 37	14° 59	15° 4	24° 49	29° 16	24° 14	11° 4	9° 38	10° 16	22° 32	W 28
T 29	4 29 57	6° 7'05	27° 28	13° 37	14° 22	27° 21	15° 11	15° 8	24° 47	29° 18	24° 13	11° 2	9° 34	10° 23	22° 30	T 29
F 30	4 33 54	7 <sup>m</sup> 7'35	11 <sup>m</sup> 9	12 <sup>m</sup> 24	15 <sup>m</sup> 37	28 <sup>m</sup> 6	15 <sup>m</sup> 24	15 <sup>m</sup> 12	24 <sup>m</sup> 44	29 <sup>m</sup> 19	24 <sup>m</sup> 12	11° 2	9° 31	10° 30	22° 29	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	14s 9	11n35	4s19	22s18	2s18	2s21	1n35	22s 2	0s38	13s34	0n59	17s27	0s53	18n52	0s19	9s23
F 2	14 28	7 55	3 29	22 39	2 23	2 49	1 36	22 10	0 39	13 38	0 59	17 26	0 53	18 52	0 19	9 24
S 3	14 47	3 54	2 29	22 59	2 28	3 17	1 36	22 17	0 39	13 42	0 59	17 26	0 53	18 51	0 18	9 25
S 4	15 6	0s14	1 21	23 18	2 32	3 46	1 37	22 24	0 40	13 46	0 59	17 25	0 53	18 51	0 18	9 26
M 5	15 24	4 19	0 11	23 36	2 36	4 13	1 38	22 31	0 40	13 50	0 59	17 25	0 53	18 50	0 18	9 26
T 6	15 42	8 7	0n59	23 52	2 40	4 41	1 38	22 38	0 41	13 54	0 59	17 24	0 53	18 49	0 18	9 27
W 7	16 0	11 30	2 5	24 7	2 43	5 9	1 38	22 44	0 41	13 58	0 59	17 24	0 53	18 49	0 18	9 28
T 8	16 18	14 19	3 4	24 21	2 46	5 37	1 39	22 51	0 42	14 2	0 59	17 23	0 53	18 48	0 18	9 29
F 9	16 35	16 26	3 53	24 34	2 48	6 5	1 39	22 57	0 42	14 6	0 59	17 23	0 53	18 48	0 18	9 29
S 10	16 52	17 47	4 31	24 45	2 50	6 32	1 39	23 3	0 42	14 10	0 59	17 22	0 53	18 47	0 18	9 30
S 11	17 9	18 19	4 57	24 55	2 51	7 0	1 39	23 8	0 43	14 14	0 59	17 21	0 53	18 47	0 18	9 31
M 12	17 25	18 3	5 9	25 4	2 51	7 27	1 39	23 14	0 43	14 18	0 59	17 21	0 53	18 46	0 18	9 32
T 13	17 42	16 59	5 8	25 10	2 51	7 54	1 39	23 19	0 44	14 22	0 59	17 20	0 53	18 45	0 18	9 32
W 14	17 57	15 11	4 54	25 16	2 51	8 22	1 39	23 24	0 44	14 26	0 59	17 19	0 53	18 45	0 18	9 33
T 15	18 13	12 44	4 27	25 20	2 49	8 48	1 39	23 29	0 45	14 30	0 59	17 18	0 53	18 44	0 18	9 34
F 16	18 28	9 43	3 48	25 22	2 47	9 15	1 39	23 33	0 45	14 34	0 59	17 18	0 52	18 44	0 18	9 35
S 17	18 43	6 12	2 58	25 23	2 43	9 42	1 38	23 38	0 46	14 38	0 59	17 17	0 52	18 43	0 18	9 35
S 18	18 58	2 20	1 58	25 21	2 39	10 8	1 38	23 42	0 46	14 42	0 59	17 16	0 52	18 42	0 18	9 36
M 19	19 12	1n47	0 50	25 18	2 33	10 34	1 38	23 45	0 47	14 46	0 59	17 15	0 52	18 42	0 18	9 37
T 20	19 26	5 56	0s23	25 13	2 26	11 0	1 37	23 49	0 47	14 50	0 59	17 14	0 52	18 41	0 18	9 37
W 21	19 40	9 55	1 37	25 6	2 18	11 26	1 36	23 52	0 48	14 54	0 59	17 13	0 52	18 41	0 18	9 38
T 22	19 53	13 27	2 46	24 57	2 9	11 51	1 36	23 56	0 48	14 57	0 59	17 12	0 52	18 40	0 18	9 39
F 23	20 6	16 12	3 47	24 45	1 57	12 16	1 35	23 58	0 48	15 1	0 59	17 11	0 52	18 40	0 18	9 39
S 24	20 18	17 54	4 32	24 31	1 45	12 41	1 34	24 1	0 49	15 5	0 59	17 10	0 52	18 39	0 18	9 40
S 25	20 31	18 22	5 0	24 14	1 31	13 6	1 33	24 4	0 49	15 9	0 59	17 9	0 52	18 38	0 18	9 41
M 26	20 42	17 32	5 6	23 55	1 15	13 30	1 32	24 6	0 50	15 12	0 59	17 8	0 52	18 38	0 18	9 41
T 27	20 54	15 32	4 52	23 33	0 58	13 54	1 31	24 8	0 50	15 16	0 59	17 7	0 52	18 37	0 18	9 42
W 28	21 5	12 36	4 19	23 8	0 39	14 17	1 30	24 9	0 50	15 20	0 59	17 6	0 52	18 37	0 18	9 43
T 29	21 15	9 0	3 32	22 41	0 20	14 41	1 29	24 11	0 51	15 23	0 59	17 5	0 52	18 36	0 18	9 43
F 30	21s26	5n 0	2s33	22s12	0n 0	15s 4	1n28	24s12	0s51	15s27	0n59	17s 3	0s52	18n36	0s18	9s44

Julian Day Number = 2674646.5, Delta T = 20m55s

Ecliptic obliquity = 23°21'27", Nutation = 0°00'02

Ayanamsha: Fagan/Bradley = 33°17'03", Lahiri = 32°24'02

## ASTRODIENST EPHEMERIS for the year 2610

DECEMBER 2610

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 37 50	8♂ 8'07	24♂29	11°R 5	16♂52	28♂50	15♂36	15♂16	24°R42	29♂21	24°R11	11♂ 3	9♂28	10♂36	22°R27	S 1
S 2	4 41 47	9° 8'40	7♂30	9♂44	18° 6	29°35	15°49	15°20	24♂39	29°23	24♂ 9	11°R 3	9°25	10°43	22°Y25	S 2
M 3	4 45 43	10° 9'16	20°15	8°23	19°21	0♂19	16° 1	15°24	24°37	29°25	24° 8	11° 3	9°22	10°50	22°24	M 3
T 4	4 49 40	11° 9'52	2♂47	7° 3	20°36	1° 4	16°14	15°28	24°35	29°27	24° 7	11° 1	9°19	10°57	22°22	T 4
W 5	4 53 36	12°10'31	15° 9	5°49	21°51	1°49	16°26	15°33	24°32	29°29	24° 6	10°55	9°15	11° 3	22°20	W 5
T 6	4 57 33	13°11'11	27°22	4°43	23° 6	2°33	16°39	15°37	24°30	29°30	24° 5	10°47	9°12	11°10	22°19	T 6
F 7	5 1 29	14°11'53	9♂28	3°45	24°22	3°18	16°51	15°42	24°28	29°32	24° 4	10°37	9° 9	11°17	22°18	F 7
S 8	5 5 26	15°12'36	21°29	2°59	25°37	4° 3	17° 3	15°46	24°25	29°34	24° 3	10°25	9° 6	11°23	22°16	S 8
S 9	5 9 23	16°13'20	3♂25	2°23	26°52	4°48	17°16	15°51	24°23	29°35	24° 2	10°11	9° 3	11°30	22°15	S 9
M10	5 13 19	17°14'05	15°17	1°59	28° 7	5°33	17°28	15°56	24°21	29°37	24° 1	9°58	9° 0	11°37	22°13	M10
T 11	5 17 16	18°14'52	27° 8	1°47	29°22	6°18	17°40	16° 0	24°19	29°39	24° 0	9°47	8°56	11°44	22°12	T 11
W12	5 21 12	19°15'39	8♂59	1°D45	0♂37	7° 3	17°52	16° 5	24°16	29°40	23°59	9°37	8°53	11°50	22°11	W12
T 13	5 25 9	20°16'27	20°54	1°54	1°52	7°48	18° 4	16°10	24°14	29°42	23°58	9°31	8°50	11°57	22°10	T 13
F 14	5 29 5	21°17'17	2♂57	2°12	3° 7	8°33	18°16	16°15	24°12	29°43	23°57	9°27	8°47	12° 4	22° 9	F 14
S 15	5 33 2	22°18'07	15°13	2°40	4°23	9°19	18°28	16°20	24°10	29°45	23°56	9°25	8°44	12°11	22° 8	S 15
S 16	5 36 58	23°18'58	27°45	3°15	5°38	10° 4	18°40	16°25	24° 8	29°46	23°55	9°D25	8°40	12°17	22° 7	S 16
M17	5 40 55	24°19'49	10°Y40	3°57	6°53	10°49	18°52	16°31	24° 6	29°48	23°54	9°R25	8°37	12°24	22° 6	M17
T 18	5 44 52	25°20'42	24° 1	4°45	8° 8	11°35	19° 3	16°36	24° 4	29°49	23°53	9°24	8°34	12°31	22° 5	T 18
W19	5 48 48	26°21'35	7♂52	5°39	9°23	12°20	19°15	16°41	24° 2	29°51	23°52	9°22	8°31	12°37	22° 4	W19
T 20	5 52 45	27°22'29	22°14	6°37	10°39	13° 6	19°27	16°47	24° 0	29°52	23°51	9°16	8°28	12°44	22° 3	T 20
F 21	5 56 41	28°23'23	7♂ 2	7°40	11°54	13°51	19°38	16°52	23°58	29°54	23°50	9° 8	8°25	12°51	22° 2	F 21
S 22	6 0 38	29°24'19	22°12	8°46	13° 9	14°37	19°50	16°58	23°56	29°55	23°50	8°58	8°21	12°58	22° 2	S 22
S 23	6 4 34	0♂25'15	7♂32	9°56	14°25	15°22	20° 1	17° 3	23°54	29°56	23°49	8°46	8°18	13° 4	22° 1	S 23
M24	6 8 31	1°26'12	22°52	11° 8	15°40	16° 8	20°12	17° 9	23°52	29°58	23°48	8°35	8°15	13°11	22° 0	M24
T 25	6 12 28	2°27'10	7♂59	12°23	16°55	16°54	20°24	17°15	23°51	29°59	23°47	8°25	8°12	13°18	22° 0	T 25
W26	6 16 24	3°28'09	22°44	13°40	18°10	17°40	20°35	17°21	23°49	0♂ 0	23°46	8°18	8° 9	13°25	21°59	W26
T 27	6 20 21	4°29'09	7♂ 3	14°58	19°26	18°25	20°46	17°26	23°47	0° 1	23°45	8°13	8° 6	13°31	21°59	T 27
F 28	6 24 17	5°30'09	20°53	16°19	20°41	19°11	20°57	17°32	23°45	0° 2	23°45	8°12	8° 2	13°38	21°59	F 28
S 29	6 28 14	6°31'11	4♂16	17°40	21°56	19°57	21° 8	17°38	23°44	0° 4	23°44	8°11	7°59	13°45	21°58	S 29
S 30	6 32 10	7°32'14	17°14	19° 3	23°12	20°43	21°19	17°44	23°42	0° 5	23°43	8°11	7°56	13°51	21°58	S 30
M31	6 36 7	8♂33'17	29♂53	20♂27	24♂27	21♂29	21♂30	17♂50	23♂41	0♂ 6	23♂42	8♂10	7♂53	13♂58	21♂58	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	21s35	0n50	1s28	21s41	0n21	15s26	1n26	24s13	0s52	15s31	0n59	17s 2	0s52	18n35	0s18	9s44
S 2	21 45	3s16	0 19	21 9	0 41	15 48	1 25	24 13	0 52	15 34	0 59	17 1	0 52	18 34	0 18	9 45
M 3	21 54	7 8	0n49	20 37	1 1	16 10	1 24	24 14	0 52	15 38	0 59	17 0	0 52	18 34	0 18	9 46
T 4	22 2	10 37	1 53	20 6	1 19	16 31	1 22	24 14	0 53	15 41	0 59	16 59	0 52	18 33	0 18	9 46
W 5	22 10	13 35	2 51	19 37	1 36	16 52	1 21	24 14	0 53	15 45	0 59	16 57	0 52	18 33	0 18	9 47
T 6	22 18	15 55	3 41	19 11	1 52	17 13	1 19	24 13	0 53	15 48	0 59	16 56	0 52	18 32	0 18	9 47
F 7	22 26	17 31	4 19	18 47	2 5	17 33	1 17	24 13	0 54	15 52	0 59	16 55	0 52	18 32	0 18	9 48
S 8	22 32	18 20	4 46	18 28	2 16	17 52	1 16	24 12	0 54	15 55	0 59	16 53	0 52	18 31	0 18	9 49
S 9	22 39	18 19	5 0	18 12	2 25	18 11	1 14	24 11	0 55	15 59	1 0	16 52	0 52	18 31	0 18	9 49
M10	22 45	17 31	5 0	18 1	2 31	18 30	1 12	24 9	0 55	16 2	1 0	16 50	0 52	18 30	0 18	9 50
T 11	22 50	15 57	4 48	17 54	2 36	18 48	1 10	24 8	0 55	16 5	1 0	16 49	0 52	18 29	0 18	9 50
W12	22 55	13 42	4 24	17 51	2 39	19 5	1 9	24 6	0 56	16 9	1 0	16 48	0 52	18 29	0 18	9 51
T 13	23 0	10 53	3 47	17 52	2 40	19 23	1 7	24 4	0 56	16 12	1 0	16 46	0 52	18 28	0 18	9 51
F 14	23 4	7 35	3 1	17 56	2 39	19 39	1 5	24 1	0 56	16 15	1 0	16 45	0 52	18 28	0 18	9 52
S 15	23 8	3 53	2 5	18 2	2 38	19 55	1 3	23 58	0 57	16 18	1 0	16 43	0 52	18 27	0 18	9 52
S 16	23 11	0n 3	1 1	18 12	2 35	20 10	1 1	23 55	0 57	16 22	1 0	16 41	0 52	18 27	0 18	9 53
M17	23 14	4 6	0s 7	17 23	2 31	20 25	0 59	23 52	0 57	16 25	1 0	16 40	0 52	18 26	0 18	9 53
T 18	23 17	8 6	1 17	18 37	2 27	20 40	0 57	23 49	0 57	16 28	1 0	16 38	0 52	18 26	0 18	9 54
W19	23 18	11 48	2 25	18 51	2 21	20 53	0 54	23 45	0 58	16 31	1 0	16 37	0 52	18 26	0 18	9 54
T 20	23 20	14 57	3 26	19 7	2 16	21 6	0 52	23 41	0 58	16 34	1 0	16 35	0 52	18 25	0 18	9 54
F 21	23 21	17 13	4 15	19 23	2 9	21 19	0 50	23 36	0 58	16 37	1 0	16 33	0 52	18 25	0 18	9 55
S 22	23 21	18 20	4 48	19 40	2 3	21 31	0 48	23 32	0 59	16 40	1 0	16 32	0 52	18 24	0 18	9 55
S 23	23 21	18 9	5 0	19 57	1 56	21 42	0 45	23 27	0 59	16 43	1 0	16 30	0 52	18 24	0 18	9 56
M24	23 21	16 38	4 51	20 15	1 48	21 52	0 43	23 22	0 59	16 46	1 0	16 28	0 52	18 23	0 18	9 56
T 25	23 20	13 59	4 22	20 32	1 41	22 2	0 41	23 17	0 59	16 49	1 0	16 27	0 52	18 23	0 18	9 57
W26	23 19	10 30	3 35	20 49	1 33	22 12	0 39	23 11	1 0	16 52	1 0	16 25	0 52	18 22	0 18	9 57
T 27	23 17	6 28	2 36	21 6	1 25	22 20	0 36	23 5	1 0	16 55	1 1	16 23	0 52	18 22	0 18	9 57
F 28	23 15	2 13	1 30	21 22	1 17	22 28	0 34	22 59	1 0	16 57	1 1	16 21	0 52	18 22	0 18	9 58
S 29	23 12	2s 0	0 21	21 38	1 9	22 35	0 31	22 53	1 0	17 0	1 1	16 20	0 52	18 21	0 18	9 58
S 30	23 9	6 1	0n48	21 53	1 1	22 42	0 29	22 46	1 1	17 3	1 1	16 18	0 52	18 21	0 18	9 58
M31	23s 5	9s39	1n52	22s 8	0n53	22s48	0n27	22s39	1s 1	17s 6	1n 1	16s16	0s52	18n20	0s18	9s59

Julian Day Number = 2674676.5, Delta T = 20m55s

Ecliptic obliquity = 23°21'26, Nutation = 0°00'02

Ayanamsha: Fagan/Bradley = 33°17'07, Lahiri = 32°24'07

## ASTRODIENST EPHEMERIS for the year 2611

JANUARY 2611

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 40 3	9♂34'21	12♂16	21♂52	25♂43	22♂15	21♂41	17♂56	23°R39	0♂ 7	23°R41	8°R 7	7♂50	14♂5	21°R58	T 1
W 2	6 44 0	10°35'26	24°27	23°17	26°58	23° 1	21°51	18° 2	23♂38	0° 8	23♂41	8♂ 1	7°46	14°12	21°V58	W 2
T 3	6 47 57	11°36'32	6♂30	24°44	28°13	23°48	22° 2	18° 9	23°36	0° 9	23°40	7°51	7°43	14°18	21°D58	T 3
F 4	6 51 53	12°37'38	18°27	26°11	29°29	24°34	22°12	18°15	23°35	0°10	23°39	7°39	7°40	14°25	21°58	F 4
S 5	6 55 50	13°38'45	0♂21	27°39	0♂44	25°20	22°23	18°21	23°33	0°11	23°39	7°25	7°37	14°32	21°58	S 5
S 6	6 59 46	14°39'52	12°14	29° 7	2° 0	26° 6	22°33	18°27	23°32	0°12	23°38	7°10	7°34	14°38	21°58	S 6
M 7	7 3 43	15°41'00	24° 6	0♂36	3°15	26°53	22°43	18°34	23°31	0°12	23°37	6°55	7°31	14°45	21°58	M 7
T 8	7 7 39	16°42'08	5♂59	2° 5	4°30	27°39	22°53	18°40	23°30	0°13	23°37	6°41	7°27	14°52	21°58	T 8
W 9	7 11 36	17°43'15	17°54	3°34	5°46	28°25	23° 3	18°47	23°28	0°14	23°36	6°30	7°24	14°59	21°59	W 9
T 10	7 15 32	18°44'23	29°53	5° 5	7° 1	29°12	23°13	18°53	23°27	0°15	23°35	6°22	7°21	15° 5	21°59	T 10
F 11	7 19 29	19°45'31	11♂59	6°35	8°17	29°58	23°23	19° 0	23°26	0°16	23°35	6°17	7°18	15°12	22° 0	F 11
S 12	7 23 26	20°46'39	24°16	8° 6	9°32	0♂45	23°33	19° 6	23°25	0°16	23°34	6°14	7°15	15°19	22° 0	S 12
S 13	7 27 22	21°47'47	6°V47	9°37	10°47	1°31	23°42	19°13	23°24	0°17	23°34	6°D14	7°12	15°26	22° 1	S 13
M14	7 31 19	22°48'54	19°36	11° 9	12° 3	2°18	23°52	19°20	23°23	0°18	23°33	6°R14	7° 8	15°32	22° 1	M14
T 15	7 35 15	23°50'01	2♂49	12°41	13°18	3° 5	24° 1	19°26	23°22	0°18	23°33	6°14	7° 5	15°39	22° 2	T 15
W16	7 39 12	24°51'08	16°29	14°13	14°34	3°51	24°10	19°33	23°22	0°19	23°32	6°12	7° 2	15°46	22° 2	W16
T 17	7 43 8	25°52'15	0♂17	15°46	15°49	4°38	24°19	19°40	23°21	0°19	23°32	6° 7	6°59	15°52	22° 3	T 17
F 18	7 47 5	26°53'21	3♂37	17°19	17° 5	5°25	24°29	19°46	23°20	0°20	23°31	6° 1	6°56	15°59	22° 4	F 18
S 19	7 51 1	27°54'27	0♂13	18°53	18°20	6°11	24°37	19°53	23°19	0°20	23°31	5°52	6°52	16° 6	22° 5	S 19
S 20	7 54 58	28°55'32	15°29	20°27	19°35	6°58	24°46	20° 0	23°19	0°21	23°31	5°41	6°49	16°13	22° 6	S 20
M21	7 58 55	29°56'37	0♂50	22° 1	20°51	7°45	24°55	20° 7	23°18	0°21	23°30	5°31	6°46	16°19	22° 7	M21
T 22	8 2 51	0♂57'42	16° 4	23°36	22° 6	8°32	25° 4	20°14	23°18	0°21	23°30	5°22	6°43	16°26	22° 8	T 22
W23	8 6 48	1°58'47	1♂ 0	25°11	23°22	9°19	25°12	20°21	23°17	0°22	23°30	5°15	6°40	16°33	22° 9	W23
T 24	8 10 44	2°59'52	15°32	26°47	24°37	10° 6	25°20	20°28	23°17	0°22	23°29	5°11	6°37	16°39	22°10	T 24
F 25	8 14 41	4° 0'56	29°34	28°23	25°52	10°52	25°29	20°35	23°16	0°22	23°29	5°D10	6°33	16°46	22°11	F 25
S 26	8 18 37	5° 2'00	13♂ 7	29°59	27° 8	11°39	25°37	20°42	23°16	0°23	23°29	5°10	6°30	16°53	22°13	S 26
S 27	8 22 34	6° 3'04	26°13	1♂37	28°23	12°26	25°45	20°49	23°16	0°23	23°29	5°10	6°27	17° 0	22°14	S 27
M28	8 26 30	7° 4'08	8♂55	3°15	29°39	13°13	25°52	20°56	23°15	0°23	23°28	5°R11	6°24	17° 6	22°15	M28
T 29	8 30 27	8° 5'12	21°18	4°53	0♂54	14° 0	26° 0	21° 3	23°15	0°23	23°28	5°10	6°21	17°13	22°17	T 29
W30	8 34 24	9° 6'16	3♂27	6°32	2° 9	14°47	26° 8	21°10	23°15	0°23	23°28	5° 6	6°18	17°20	22°18	W30
T 31	8 38 20	10° 7'19	15♂26	8♂11	3♂25	15♂35	26♂15	21♂17	23♂15	0♂23	23♂28	5♂ 1	6♂14	17♂27	22°V19	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	23s 1	12s46	2n49	22s21	0n45	22s53	0n24	22s32	1s 1	17s 8	1n 1	16s14	0s52	18n20	0s18	T 1
W 2	22 56	15 17	3 38	22 34	0 38	22 58	0 22	22 25	1 1	17 11	1 1	16 12	0 52	18 20	0 18	W 2
T 3	22 51	17 6	4 16	22 45	0 30	23 2	0 19	22 17	1 2	17 14	1 1	16 10	0 52	18 19	0 18	T 3
F 4	22 46	18 9	4 43	22 56	0 22	23 5	0 17	22 9	1 2	17 16	1 1	16 8	0 52	18 19	0 18	F 4
S 5	22 40	18 24	4 57	23 6	0 14	23 7	0 14	22 1	1 2	17 19	1 1	16 7	0 53	18 19	0 18	S 5
S 6	22 33	17 51	4 58	23 15	0 7	23 9	0 12	21 52	1 2	17 21	1 1	16 5	0 53	18 19	0 18	S 6
M 7	22 26	16 31	4 46	23 22	0s 1	23 10	0 9	21 44	1 2	17 24	1 1	16 3	0 53	18 18	0 18	M 7
T 8	22 19	14 29	4 22	23 29	0 8	23 10	0 7	21 35	1 3	17 26	1 1	16 1	0 53	18 18	0 18	T 8
W 9	22 11	11 50	3 46	23 34	0 15	23 10	0 4	21 26	1 3	17 29	1 2	15 59	0 53	18 18	0 18	W 9
T 10	22 3	8 40	3 0	23 38	0 22	23 9	0 2	21 16	1 3	17 31	1 2	15 57	0 53	18 17	0 18	T 10
F 11	21 54	5 7	2 5	23 41	0 29	23 7	0s 1	21 7	1 3	17 33	1 2	15 55	0 53	18 17	0 18	F 11
S 12	21 45	1 18	1 3	23 43	0 36	23 4	0 3	20 57	1 3	17 36	1 2	15 53	0 53	18 17	0 17	S 12
S 13	21 36	2n38	0s 3	23 43	0 43	23 1	0 6	20 47	1 3	17 38	1 2	15 51	0 53	18 17	0 17	S 13
M14	21 26	6 33	1 10	23 42	0 49	22 57	0 8	20 37	1 3	17 40	1 2	15 49	0 53	18 16	0 17	M14
T 15	21 16	10 16	2 16	23 40	0 55	22 52	0 10	20 26	1 4	17 42	1 2	15 47	0 53	18 16	0 17	T 15
W16	21 5	13 34	3 16	23 37	1 1	22 47	0 13	20 15	1 4	17 45	1 2	15 44	0 53	18 16	0 17	W16
T 17	20 54	16 11	4 7	23 32	1 7	22 41	0 15	20 4	1 4	17 47	1 2	15 42	0 53	18 16	0 17	T 17
F 18	20 42	17 51	4 43	23 26	1 13	22 34	0 18	19 53	1 4	17 49	1 2	15 40	0 53	18 16	0 17	F 18
S 19	20 31	18 20	5 1	23 19	1 18	22 26	0 20	19 42	1 4	17 51	1 3	15 38	0 53	18 16	0 17	S 19
S 20	20 18	17 32	4 58	23 11	1 23	22 18	0 22	19 30	1 4	17 53	1 3	15 36	0 53	18 15	0 17	S 20
M21	20 6	15 27	4 34	23 1	1 28	22 9	0 25	19 18	1 4	17 55	1 3	15 34	0 53	18 15	0 17	M21
T 22	19 53	12 18	3 50	22 49	1 33	22 0	0 27	19 6	1 4	17 57	1 3	15 32	0 53	18 15	0 17	T 22
W23	19 39	8 24	2 51	22 37	1 37	21 50	0 29	18 54	1 4	17 59	1 3	15 30	0 53	18 15	0 17	W23
T 24	19 25	4 6	1 43	22 23	1 41	21 39	0 32	18 42	1 5	18 1	1 3	15 28	0 53	18 15	0 17	T 24
F 25	19 11	0s17	0 30	22 8	1 45	21 27	0 34	18 29	1 5	18 2	1 3	15 25	0 53	18 15	0 17	F 25
S 26	18 57	4 31	0n42	21 51	1 48	21 15	0 36	18 16	1 5	18 4	1 3	15 23	0 53	18 15	0 17	S 26
S 27	18 42	8 22	1 50	21 33	1 52	21 2	0 38	18 3	1 5	18 6	1 4	15 21	0 53	18 15	0 17	S 27
M28	18 27	11 44	2 50	21 13	1 55	20 49	0 40	17 50	1 5	18 8	1 4	15 19	0 53	18 15	0 17	M28
T 29	18 11	14 28	3 41	20 53	1 57	20 35	0 42	17 36	1 5	18 9	1 4	15 17	0 53	18 15	0 17	T 29
W30	17 55	16 30	4 20	20 30	2 0	20 20	0 45	17 23	1 5	18 11	1 4	15 14	0 53	18 15	0 17	W30
T 31	17s39	17s47	4n48	20s 7	2s 2	20s 5	0s47	17s 9	1s 5	18s13	1n 4	15s12	0s53	18n15	0s17	T 31

Julian Day Number = 2674707.5, Delta T = 20m55s

Ecliptic obliquity = 23°21'26, Nutation = 0°00'03

Ayanamsha: Fagan/Bradley = 33°17'11, Lahiri = 32°24'11

# ASTRODIENST EPHEMERIS for the year 2611

FEBRUARY 2611

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8 42 17	11 <sup>h</sup> 8'22"	27 <sup>h</sup> 19'	9 <sup>h</sup> 51'	4 <sup>h</sup> 40'	16 <sup>h</sup> 22'	26 <sup>h</sup> 22'	21 <sup>h</sup> 24'	23 <sup>h</sup> D15	0 <sup>h</sup> R23	23 <sup>h</sup> R28	4 <sup>h</sup> R53	6 <sup>h</sup> 11'	17 <sup>h</sup> 33'	22 <sup>h</sup> Y21	F 1
S 2	8 46 13	12 <sup>h</sup> 9'24"	9 <sup>h</sup> 310'	11 <sup>h</sup> 32'	5 <sup>h</sup> 56'	17 <sup>h</sup> 9'	26 <sup>h</sup> 30'	21 <sup>h</sup> 31'	23 <sup>h</sup> 815'	0 <sup>h</sup> M23	23 <sup>h</sup> 827'	4 <sup>h</sup> 443'	6 <sup>h</sup> 8'	17 <sup>h</sup> 40'	22 <sup>h</sup> 23'	S 2
S 3	8 50 10	13 <sup>h</sup> 10'26"	21 <sup>h</sup> 2'	13 <sup>h</sup> 13'	7 <sup>h</sup> 11'	17 <sup>h</sup> 56'	26 <sup>h</sup> 37'	21 <sup>h</sup> 38'	23 <sup>h</sup> 15'	0 <sup>h</sup> 23	23 <sup>h</sup> 27	4 <sup>h</sup> 33	6 <sup>h</sup> 5'	17 <sup>h</sup> 47'	22 <sup>h</sup> 24'	S 3
M 4	8 54 6	14 <sup>h</sup> 11'27"	2 <sup>h</sup> 56'	14 <sup>h</sup> 55'	8 <sup>h</sup> 27'	18 <sup>h</sup> 43'	26 <sup>h</sup> 43'	21 <sup>h</sup> 45'	23 <sup>h</sup> 15'	0 <sup>h</sup> 23	23 <sup>h</sup> 27	4 <sup>h</sup> 22	6 <sup>h</sup> 2'	17 <sup>h</sup> 53'	22 <sup>h</sup> 26'	M 4
T 5	8 58 3	15 <sup>h</sup> 12'28"	14 <sup>h</sup> 53'	16 <sup>h</sup> 37'	9 <sup>h</sup> 42'	19 <sup>h</sup> 30'	26 <sup>h</sup> 50'	21 <sup>h</sup> 52'	23 <sup>h</sup> 15'	0 <sup>h</sup> 23	23 <sup>h</sup> 27	4 <sup>h</sup> 12	5 <sup>h</sup> 58'	18 <sup>h</sup> 0'	22 <sup>h</sup> 28'	T 5
W 6	9 1 59	16 <sup>h</sup> 13'27"	26 <sup>h</sup> 56'	18 <sup>h</sup> 20'	10 <sup>h</sup> 57'	20 <sup>h</sup> 18'	26 <sup>h</sup> 57'	21 <sup>h</sup> 59'	23 <sup>h</sup> 16'	0 <sup>h</sup> 23	23 <sup>h</sup> 27	4 <sup>h</sup> 5	5 <sup>h</sup> 55'	18 <sup>h</sup> 7'	22 <sup>h</sup> 30'	W 6
T 7	9 5 56	17 <sup>h</sup> 14'26"	9 <sup>h</sup> 5	20 <sup>h</sup> 4'	12 <sup>h</sup> 13'	21 <sup>h</sup> 5	27 <sup>h</sup> 3	22 <sup>h</sup> 7	23 <sup>h</sup> 16'	0 <sup>h</sup> 23	23 <sup>h</sup> D27	3 <sup>h</sup> 59	5 <sup>h</sup> 52	18 <sup>h</sup> 14'	22 <sup>h</sup> 31'	T 7
F 8	9 9 53	18 <sup>h</sup> 15'24"	21 <sup>h</sup> 22'	21 <sup>h</sup> 48'	13 <sup>h</sup> 28'	21 <sup>h</sup> 52'	27 <sup>h</sup> 9	22 <sup>h</sup> 14	23 <sup>h</sup> 16'	0 <sup>h</sup> 22	23 <sup>h</sup> 27	3 <sup>h</sup> 56	5 <sup>h</sup> 49	18 <sup>h</sup> 20'	22 <sup>h</sup> 33'	F 8
S 9	9 13 49	19 <sup>h</sup> 16'21"	3 <sup>h</sup> Y49	23 <sup>h</sup> 32'	14 <sup>h</sup> 43'	22 <sup>h</sup> 39'	27 <sup>h</sup> 16	22 <sup>h</sup> 21	23 <sup>h</sup> 17'	0 <sup>h</sup> 22	23 <sup>h</sup> 27	3 <sup>h</sup> D55	5 <sup>h</sup> 46	18 <sup>h</sup> 27'	22 <sup>h</sup> 35'	S 9
S 10	9 17 46	20 <sup>h</sup> 17'16"	16 <sup>h</sup> 29'	25 <sup>h</sup> 18'	15 <sup>h</sup> 59'	23 <sup>h</sup> 27'	27 <sup>h</sup> 22	22 <sup>h</sup> 28	23 <sup>h</sup> 17'	0 <sup>h</sup> 22	23 <sup>h</sup> 27	3 <sup>h</sup> 56	5 <sup>h</sup> 43	18 <sup>h</sup> 34'	22 <sup>h</sup> 37'	S 10
M11	9 21 42	21 <sup>h</sup> 18'11"	29 <sup>h</sup> 24'	27 <sup>h</sup> 3	17 <sup>h</sup> 14'	24 <sup>h</sup> 14'	27 <sup>h</sup> 27	22 <sup>h</sup> 35	23 <sup>h</sup> 18'	0 <sup>h</sup> 22	23 <sup>h</sup> 27	3 <sup>h</sup> 57	5 <sup>h</sup> 39	18 <sup>h</sup> 40'	22 <sup>h</sup> 39'	M11
T 12	9 25 39	22 <sup>h</sup> 19'04"	12 <sup>h</sup> 837'	28 <sup>h</sup> 49'	18 <sup>h</sup> 30'	25 <sup>h</sup> 1	27 <sup>h</sup> 33	22 <sup>h</sup> 42	23 <sup>h</sup> 18'	0 <sup>h</sup> 21	23 <sup>h</sup> 28	3 <sup>h</sup> 59	5 <sup>h</sup> 36	18 <sup>h</sup> 47'	22 <sup>h</sup> 41'	T 12
W13	9 29 35	23 <sup>h</sup> 19'56"	26 <sup>h</sup> 10	0 <sup>h</sup> 36'	19 <sup>h</sup> 45'	25 <sup>h</sup> 49'	27 <sup>h</sup> 39	22 <sup>h</sup> 49	23 <sup>h</sup> 19'	0 <sup>h</sup> 21	23 <sup>h</sup> 28	3 <sup>h</sup> R59	5 <sup>h</sup> 33	18 <sup>h</sup> 54'	22 <sup>h</sup> 43'	W13
T 14	9 33 32	24 <sup>h</sup> 20'47"	10 <sup>h</sup> II 6	2 <sup>h</sup> 22	21 <sup>h</sup> 0	26 <sup>h</sup> 36'	27 <sup>h</sup> 44	22 <sup>h</sup> 57	23 <sup>h</sup> 20'	0 <sup>h</sup> 20	23 <sup>h</sup> 28	3 <sup>h</sup> 58	5 <sup>h</sup> 30	19 <sup>h</sup> 1	22 <sup>h</sup> 46'	T 14
F 15	9 37 28	25 <sup>h</sup> 21'36"	24 <sup>h</sup> 25'	4 <sup>h</sup> 9	22 <sup>h</sup> 15'	27 <sup>h</sup> 23	27 <sup>h</sup> 49	23 <sup>h</sup> 4	23 <sup>h</sup> 20'	0 <sup>h</sup> 20	23 <sup>h</sup> 28	3 <sup>h</sup> 55	5 <sup>h</sup> 27	19 <sup>h</sup> 7	22 <sup>h</sup> 48'	F 15
S 16	9 41 25	26 <sup>h</sup> 22'24"	9 <sup>h</sup> 4	5 <sup>h</sup> 56'	23 <sup>h</sup> 31'	28 <sup>h</sup> 11'	27 <sup>h</sup> 54	23 <sup>h</sup> 11	23 <sup>h</sup> 21'	0 <sup>h</sup> 19	23 <sup>h</sup> 28	3 <sup>h</sup> 50	5 <sup>h</sup> 23	19 <sup>h</sup> 14'	22 <sup>h</sup> 50'	S 16
S 17	9 45 22	27 <sup>h</sup> 23'10"	23 <sup>h</sup> 58'	7 <sup>h</sup> 43	24 <sup>h</sup> 46'	28 <sup>h</sup> 58'	27 <sup>h</sup> 59	23 <sup>h</sup> 18	23 <sup>h</sup> 22'	0 <sup>h</sup> 19	23 <sup>h</sup> 28	3 <sup>h</sup> 45	5 <sup>h</sup> 20	19 <sup>h</sup> 21'	22 <sup>h</sup> 52'	S 17
M18	9 49 18	28 <sup>h</sup> 23'55"	9 <sup>h</sup> 0	9 <sup>h</sup> 30	26 <sup>h</sup> 1	29 <sup>h</sup> 45	28 <sup>h</sup> 4	23 <sup>h</sup> 25	23 <sup>h</sup> 23	0 <sup>h</sup> 18	23 <sup>h</sup> 29	3 <sup>h</sup> 39	5 <sup>h</sup> 17	19 <sup>h</sup> 27'	22 <sup>h</sup> 55'	M18
T 19	9 53 15	29 <sup>h</sup> 24'39"	24 <sup>h</sup> 0	11 <sup>h</sup> 16	27 <sup>h</sup> 17	0 <sup>h</sup> 33	28 <sup>h</sup> 8	23 <sup>h</sup> 32	23 <sup>h</sup> 24	0 <sup>h</sup> 18	23 <sup>h</sup> 29	3 <sup>h</sup> 35	5 <sup>h</sup> 14	19 <sup>h</sup> 34'	22 <sup>h</sup> 57'	T 19
W20	9 57 11	0 <sup>h</sup> 25'22"	8 <sup>h</sup> 50	13 <sup>h</sup> 1	28 <sup>h</sup> 32'	1 <sup>h</sup> 20	28 <sup>h</sup> 13	23 <sup>h</sup> 40	23 <sup>h</sup> 25	0 <sup>h</sup> 17	23 <sup>h</sup> 29	3 <sup>h</sup> 31	5 <sup>h</sup> 11	19 <sup>h</sup> 41'	22 <sup>h</sup> 59'	W20
T 21	10 1 8	1 <sup>h</sup> 26'03"	23 <sup>h</sup> 21'	14 <sup>h</sup> 46'	29 <sup>h</sup> 47'	2 <sup>h</sup> 7	28 <sup>h</sup> 17	23 <sup>h</sup> 47	23 <sup>h</sup> 26	0 <sup>h</sup> 17	23 <sup>h</sup> 29	3 <sup>h</sup> 29	5 <sup>h</sup> 8	19 <sup>h</sup> 48'	23 <sup>h</sup> 2	T 21
F 22	10 5 4	2 <sup>h</sup> 26'43"	7 <sup>h</sup> 28	16 <sup>h</sup> 29	1 <sup>h</sup> 2	2 <sup>h</sup> 55	28 <sup>h</sup> 21	23 <sup>h</sup> 54	23 <sup>h</sup> 27	0 <sup>h</sup> 16	23 <sup>h</sup> 30	3 <sup>h</sup> D29	5 <sup>h</sup> 4	19 <sup>h</sup> 54'	23 <sup>h</sup> 4	F 22
S 23	10 9 1	3 <sup>h</sup> 27'22"	21 <sup>h</sup> 8	18 <sup>h</sup> 10	2 <sup>h</sup> 18	3 <sup>h</sup> 42	28 <sup>h</sup> 25	24 <sup>h</sup> 1	23 <sup>h</sup> 28	0 <sup>h</sup> 15	23 <sup>h</sup> 30	3 <sup>h</sup> 30	5 <sup>h</sup> 1	20 <sup>h</sup> 1	23 <sup>h</sup> 7	S 23
S 24	10 12 57	4 <sup>h</sup> 28'00"	4 <sup>h</sup> 122	19 <sup>h</sup> 49	3 <sup>h</sup> 33	4 <sup>h</sup> 30	28 <sup>h</sup> 28	24 <sup>h</sup> 8	23 <sup>h</sup> 29	0 <sup>h</sup> 14	23 <sup>h</sup> 30	3 <sup>h</sup> 31	4 <sup>h</sup> 58	20 <sup>h</sup> 8	23 <sup>h</sup> 9	S 24
M25	10 16 54	5 <sup>h</sup> 28'36"	17 <sup>h</sup> 12	21 <sup>h</sup> 26	4 <sup>h</sup> 48	5 <sup>h</sup> 17	28 <sup>h</sup> 32	24 <sup>h</sup> 15	23 <sup>h</sup> 30	0 <sup>h</sup> 14	23 <sup>h</sup> 31	3 <sup>h</sup> 33	4 <sup>h</sup> 55	20 <sup>h</sup> 15	23 <sup>h</sup> 12	M25
T 26	10 20 50	6 <sup>h</sup> 29'12"	29 <sup>h</sup> 41	22 <sup>h</sup> 59	6 <sup>h</sup> 3	6 <sup>h</sup> 4	28 <sup>h</sup> 35	24 <sup>h</sup> 22	23 <sup>h</sup> 31	0 <sup>h</sup> 13	23 <sup>h</sup> 31	3 <sup>h</sup> 34	4 <sup>h</sup> 52	20 <sup>h</sup> 21	23 <sup>h</sup> 15	T 26
W27	10 24 47	7 <sup>h</sup> 29'46"	11 <sup>h</sup> 53	24 <sup>h</sup> 28	7 <sup>h</sup> 18	6 <sup>h</sup> 52	28 <sup>h</sup> 38	24 <sup>h</sup> 29	23 <sup>h</sup> 33	0 <sup>h</sup> 12	23 <sup>h</sup> 32	3 <sup>h</sup> R34	4 <sup>h</sup> 49	20 <sup>h</sup> 28	23 <sup>h</sup> 17	W27
T 28	10 28 44	8 <sup>h</sup> 30'20"	23 <sup>h</sup> 54	25 <sup>h</sup> 53	8 <sup>h</sup> 34	7 <sup>h</sup> 39	28 <sup>h</sup> 41	24 <sup>h</sup> 36	23 <sup>h</sup> 34	0 <sup>h</sup> 11	23 <sup>h</sup> 32	3 <sup>h</sup> 43	4 <sup>h</sup> 45	20 <sup>h</sup> 35	23 <sup>h</sup> Y20	T 28

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
F 1	17s22	18s17	5n 3	19s42	2s 3	19s49	0s49	16s55	1 s 5	18s14	1n 4	15s10	0s53	18n15	0s17	10s 3	1n37	3n30	15s32	1 s56	2s27	17s12	9n10	0n32				
S 2	17 5	17 59	5 4	19 16	2 5	19 33	0 51	16 41	1 5	18 16	1 4	15 8	0 54	18 15	0 17	10 3	1 37	3 31	15 31	1 52	2 26	17 12	9 11	0 32				
S 3	16 48	16 53	4 53	18 48	2 5	19 15	0 52	16 26	1 5	18 17	1 4	15 5	0 54	18 15	0 17	10 3	1 37	3 31	15 31	1 48	2 24	17 11	9 11	0 32				
M 4	16 31	15 4	4 29	18 19	2 6	18 58	0 54	16 12	1 5	18 19	1 5	15 3	0 54	18 15	0 17	10 3	1 37	3 31	15 31	1 44	2 23	17 10	9 12	0 32				
T 5	16 13	12 36	3 53	17 48	2 6	18 40	0 56	15 57	1 5	18 20	1 5	15 1	0 54	18 15	0 17	10 3	1 37	3 32	15 30	1 40	2 22	17 10	9 12	0 32				
W 6	15 55	9 35	3 6	17 16	2 6	18 21	0 58	15 42	1 5	18 21	1 5	14 59	0 54	18 15	0 17	10 3	1 38	3 32	15 30	1 37	2 21	17 9	9 13	0 32				
T 7	15 37	6 8	2 10	16 43	2 5	18 2	1 0	15 27	1 5	18 23	1 5	14 56	0 54	18 15	0 17	10 2	1 38	3 32	15 30	1 35	2 19	17 8	9 14	0 32				
F 8	15 18	2 23	1 7	16 8	2 3	17 42	1 1	15 12	1 5	18 24	1 5	14 54	0 54	18 15	0 17	10 2	1 38	3 33	15 29	1 34	2 18	17 8	9 14	0 32				
S 9	14 59	1n31	0 1	15 32	2 2	17 22	1 3	14 56	1 5	18 25	1 5	14 52	0 54	18 15	0 17	10 2	1 38	3 33	15 29	1 33	2 17	17 7	9 15	0 31				
S 10	14 40	5 25	1s 8	14 55	1 59	17 1	1 5	14 41	1 5	18 26	1 5	14 50	0 54	18 16	0 17	10 2	1 38	3 33	15 28	1 33	2 16	17 6	9 15	0 31				
M11	14 21	9 8	2 14	14 17	1 57	16 40	1 6	14 25	1 5	18 28	1 6	14 47	0 54	18 16	0 17	10 2	1 38	3 34	15 28	1 34	2 14	17 6	9 16	0 31				
T 12	14 2	12 29	3 14	13 37	1 53	16 18	1 8	14 9	1 5	18 29	1 6	14 45	0 54	18 16	0 17	10 2	1 38	3 34	15 28	1 35	2 13	17 5	9 17	0 31				
W13	13 42	15 15	4 6	12 56	1 49	15 56	1 9	13 53	1 5	18 30	1 6	14 43	0 54	18 16	0 17	10 2	1 38	3 34	15 27	1 35	2 12	17 4	9 17	0 31				
T 14	13 22	17 12	4 44	12 13	1 45	15 34	1 11	13 37	1 5	18 31	1 6	14 41	0 54	18 16	0 17	10 1	1 38	3 35	15 27	1 34	2 11	17 3	9 18	0 31				
F 15	13 1	18 8	5 6	11 30	1 40	15 11	1 12	13 21	1 5	18 32	1 6	14 38	0 54	18 16	0 17	10 1	1 38	3 35	15 27	1 33	2 9	17 3	9 19	0 31				
S 16	12 41	17 54	5 9	10 45	1 34	14 47	1 13	13 5	1 5	18 33	1 6	14 36	0 54	18 17	0 17	10 1	1 38	3 36	15 26	1 31	2 8	17 2	9 20	0 31				
S 17	12 20	16 27	4 52	10 0	1 28	14 23	1 14	12 48	1 4	18 34	1 6	14 34	0 54	18 17	0 17	10 1	1 38	3 36	15 26	1 29	2 7	17 1	9 20	0 31				
M18	11 59	13 52	4 14	9 14	1 21	13 59	1 16	12 31	1 4	18 35	1 7	14 31	0 55	18 17	0 17	10 0	1 38	3 36	15 26	1 27	2 6	17 1	9 21	0 31				
T 19	11 38	10 21	3 19	8 26	1 13	13 35	1 17	12 15	1 4	18 36	1 7	14 29	0 55	18 17	0 17	10 0	1 38	3 37	15 25	1 25	2 4	17 0	9 22	0 31				
W20	11 17	6 13	2 11	7 38	1 4	13 10	1 18	11 58	1 4	18 36	1 7	14 27	0 55	18 18	0 17	10 0	1 38	3 37	15 25	1 24	2 3	16 59	9 23	0 30				
T 21	10 56	1 47	0 55	6 50	0 55	12 44	1 19	11 41	1 4	18 37	1 7	14 25	0 55	18 18	0 17	10 0	1 38	3 37	15 25	1 23	2 2	16 59	9 24	0 30				
F 22	10 34	2s37	0n22	6 1	0 45	12 19	1 20	11 24	1 4	18 38	1 7	14 22	0 55	18 18	0 17	9 59	1 38	3 38	15 24	1 23	2 1	16 58	9 24	0 30				
S 23	10 12	6 45	1 35	5 12	0 35	11 53	1 21	11 6	1 4	18 39	1 7	14 20	0 55	18 19	0 17	9 59	1 38	3 38	15 24	1 23	1 59	16 57	9 25	0 30				
S 24	9 50	10 24	2 41	4 23	0 24	11 26	1 21	10 49	1 4	18 39	1 7	14 18	0 55	18 19	0 17	9 59	1 39	3 39	15 24	1 24	1 58	16 56	9 26	0 30				
M25	9 28	13 26	3 37	3 34	0 12	11 0	1 22	10 32	1 3	18 40	1 8	14 16	0 55	18 19	0 16	9 58	1 39	3 39	15 23	1 24	1 57	16 56	9 27	0 30				
T 26	9 6	15 46	4 21	2 46	0n 1	10 33	1 23	10 14	1 3	18 41	1 8	14 13	0 55	18 19	0 16	9 58	1 39	3 40	15 23	1 25	1 56	16 55	9 28	0 30				
W27	8 44	17 19	4 52	1 59	0 14	10 5	1 24	9 56	1 3	18 41	1 8	14 11	0 55	18 20	0 16	9 58	1 39	3 40	15 23	1 25	1 54	16 54	9 29	0 30				
T 28	8s21	18s 4	5n10	1s13	0n27	9s38	1s24	9s39	1s 3	18s42	1n 8	14s 9	0s55	18n20	0s16	9s57	1n39	3n40	15s22	1s24	1s53	16s53	9n30	0n30				

## ASTRODIENST EPHEMERIS for the year 2611

MARCH 2611

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	10 32 40	9 <sup>h</sup> 30'52"	5 <sup>h</sup> 34'47"	27 <sup>h</sup> 13'	9 <sup>h</sup> 49'	8 <sup>h</sup> 27'	28 <sup>h</sup> 44'	24 <sup>h</sup> 43'	23 <sup>h</sup> 36'	0 <sup>h</sup> 10'	23 <sup>h</sup> 33'	3 <sup>h</sup> 03'	4 <sup>h</sup> 42'	20 <sup>h</sup> 34'	23 <sup>h</sup> 23'	F 1
S 2	10 36 37	10 <sup>h</sup> 31'23"	17 <sup>h</sup> 38'	28 <sup>h</sup> 27'	11 <sup>h</sup> 4'	9 <sup>h</sup> 14'	28 <sup>h</sup> 47'	24 <sup>h</sup> 50'	23 <sup>h</sup> 37'	0 <sup>h</sup> 11'	23 <sup>h</sup> 33'	3 <sup>h</sup> 02'	4 <sup>h</sup> 39'	20 <sup>h</sup> 48'	23 <sup>h</sup> 26'	S 2
S 3	10 40 33	11 <sup>h</sup> 31'52"	29 <sup>h</sup> 30'	29 <sup>h</sup> 35'	12 <sup>h</sup> 19'	10 <sup>h</sup> 2'	28 <sup>h</sup> 49'	24 <sup>h</sup> 57'	23 <sup>h</sup> 39'	0 <sup>h</sup> 8'	23 <sup>h</sup> 34'	3 <sup>h</sup> 24'	4 <sup>h</sup> 36'	20 <sup>h</sup> 55'	23 <sup>h</sup> 28'	S 3
M 4	10 44 30	12 <sup>h</sup> 32'21"	11 <sup>h</sup> 27'	0 <sup>h</sup> 36'	13 <sup>h</sup> 34'	10 <sup>h</sup> 49'	28 <sup>h</sup> 52'	25 <sup>h</sup> 4'	23 <sup>h</sup> 40'	0 <sup>h</sup> 8'	23 <sup>h</sup> 34'	3 <sup>h</sup> 20'	4 <sup>h</sup> 33'	21 <sup>h</sup> 2'	23 <sup>h</sup> 31'	M 4
T 5	10 48 26	13 <sup>h</sup> 32'47"	23 <sup>h</sup> 30'	1 <sup>h</sup> 29'	14 <sup>h</sup> 49'	11 <sup>h</sup> 36'	28 <sup>h</sup> 54'	25 <sup>h</sup> 11'	23 <sup>h</sup> 42'	0 <sup>h</sup> 7'	23 <sup>h</sup> 35'	3 <sup>h</sup> 17'	4 <sup>h</sup> 29'	21 <sup>h</sup> 8'	23 <sup>h</sup> 34'	T 5
W 6	10 52 23	14 <sup>h</sup> 33'12"	5 <sup>h</sup> 43'	2 <sup>h</sup> 13'	16 <sup>h</sup> 5'	12 <sup>h</sup> 24'	28 <sup>h</sup> 56'	25 <sup>h</sup> 18'	23 <sup>h</sup> 43'	0 <sup>h</sup> 6'	23 <sup>h</sup> 35'	3 <sup>h</sup> 14'	4 <sup>h</sup> 26'	21 <sup>h</sup> 15'	23 <sup>h</sup> 37'	W 6
T 7	10 56 19	15 <sup>h</sup> 33'36"	18 <sup>h</sup> 5'	2 <sup>h</sup> 49'	17 <sup>h</sup> 20'	13 <sup>h</sup> 11'	28 <sup>h</sup> 57'	25 <sup>h</sup> 25'	23 <sup>h</sup> 45'	0 <sup>h</sup> 4'	23 <sup>h</sup> 36'	3 <sup>h</sup> 13'	4 <sup>h</sup> 23'	21 <sup>h</sup> 22'	23 <sup>h</sup> 40'	T 7
F 8	11 0 16	16 <sup>h</sup> 33'58"	0 <sup>h</sup> 39'	3 <sup>h</sup> 16'	18 <sup>h</sup> 35'	13 <sup>h</sup> 59'	28 <sup>h</sup> 59'	25 <sup>h</sup> 32'	23 <sup>h</sup> 47'	0 <sup>h</sup> 3'	23 <sup>h</sup> 36'	3 <sup>h</sup> 01'	4 <sup>h</sup> 20'	21 <sup>h</sup> 28'	23 <sup>h</sup> 43'	F 8
S 9	11 4 13	17 <sup>h</sup> 34'18"	13 <sup>h</sup> 25'	3 <sup>h</sup> 33'	19 <sup>h</sup> 50'	14 <sup>h</sup> 46'	29 <sup>h</sup> 0'	25 <sup>h</sup> 39'	23 <sup>h</sup> 49'	0 <sup>h</sup> 2'	23 <sup>h</sup> 37'	3 <sup>h</sup> 12'	4 <sup>h</sup> 17'	21 <sup>h</sup> 35'	23 <sup>h</sup> 46'	S 9
S 10	11 8 9	18 <sup>h</sup> 34'37"	26 <sup>h</sup> 24'	3 <sup>h</sup> 40'	21 <sup>h</sup> 5'	15 <sup>h</sup> 34'	29 <sup>h</sup> 1'	25 <sup>h</sup> 45'	23 <sup>h</sup> 50'	0 <sup>h</sup> 1'	23 <sup>h</sup> 38'	3 <sup>h</sup> 13'	4 <sup>h</sup> 14'	21 <sup>h</sup> 42'	23 <sup>h</sup> 49'	S 10
M 11	11 12 6	19 <sup>h</sup> 34'53"	9 <sup>h</sup> 36'	3 <sup>h</sup> 38'	22 <sup>h</sup> 20'	16 <sup>h</sup> 21'	29 <sup>h</sup> 2'	25 <sup>h</sup> 52'	23 <sup>h</sup> 52'	0 <sup>h</sup> 0'	23 <sup>h</sup> 38'	3 <sup>h</sup> 14'	4 <sup>h</sup> 10'	21 <sup>h</sup> 49'	23 <sup>h</sup> 52'	M 11
T 12	11 16 2	20 <sup>h</sup> 35'08"	23 <sup>h</sup> 2'	3 <sup>h</sup> 26'	23 <sup>h</sup> 35'	17 <sup>h</sup> 8'	29 <sup>h</sup> 3'	25 <sup>h</sup> 59'	23 <sup>h</sup> 54'	29 <sup>h</sup> 59'	23 <sup>h</sup> 39'	3 <sup>h</sup> 15'	4 <sup>h</sup> 7'	21 <sup>h</sup> 55'	23 <sup>h</sup> 55'	T 12
W 13	11 19 59	21 <sup>h</sup> 35'20"	6 <sup>h</sup> 12'	3 <sup>h</sup> 5'	24 <sup>h</sup> 50'	17 <sup>h</sup> 56'	29 <sup>h</sup> 4'	26 <sup>h</sup> 6'	23 <sup>h</sup> 56'	29 <sup>h</sup> 58'	23 <sup>h</sup> 40'	3 <sup>h</sup> 16'	4 <sup>h</sup> 4'	22 <sup>h</sup> 2'	23 <sup>h</sup> 58'	W 13
T 14	11 23 55	22 <sup>h</sup> 35'31"	20 <sup>h</sup> 36'	2 <sup>h</sup> 35'	26 <sup>h</sup> 5'	18 <sup>h</sup> 43'	29 <sup>h</sup> 4'	26 <sup>h</sup> 12'	23 <sup>h</sup> 58'	29 <sup>h</sup> 57'	23 <sup>h</sup> 40'	3 <sup>h</sup> 17'	4 <sup>h</sup> 1'	22 <sup>h</sup> 9'	24 <sup>h</sup> 1'	T 14
F 15	11 27 52	23 <sup>h</sup> 35'40"	4 <sup>h</sup> 24'	1 <sup>h</sup> 58'	27 <sup>h</sup> 20'	19 <sup>h</sup> 31'	29 <sup>h</sup> 4'	26 <sup>h</sup> 19'	24 <sup>h</sup> 0'	29 <sup>h</sup> 55'	23 <sup>h</sup> 41'	3 <sup>h</sup> 16'	3 <sup>h</sup> 58'	22 <sup>h</sup> 15'	24 <sup>h</sup> 5'	F 15
S 16	11 31 48	24 <sup>h</sup> 35'46"	19 <sup>h</sup> 4'	1 <sup>h</sup> 13'	28 <sup>h</sup> 35'	20 <sup>h</sup> 18'	29 <sup>h</sup> 4'	26 <sup>h</sup> 26'	24 <sup>h</sup> 2'	29 <sup>h</sup> 54'	23 <sup>h</sup> 42'	3 <sup>h</sup> 16'	3 <sup>h</sup> 55'	22 <sup>h</sup> 22'	24 <sup>h</sup> 8'	S 16
S 17	11 35 45	25 <sup>h</sup> 35'51"	3 <sup>h</sup> 03'	0 <sup>h</sup> 23'	29 <sup>h</sup> 50'	21 <sup>h</sup> 5'	29 <sup>h</sup> 4'	26 <sup>h</sup> 32'	24 <sup>h</sup> 4'	29 <sup>h</sup> 53'	23 <sup>h</sup> 43'	3 <sup>h</sup> 15'	3 <sup>h</sup> 51'	22 <sup>h</sup> 29'	24 <sup>h</sup> 11'	S 17
M 18	11 39 42	26 <sup>h</sup> 35'53"	18 <sup>h</sup> 7'	29 <sup>h</sup> 29'	1 <sup>h</sup> 5'	21 <sup>h</sup> 53'	29 <sup>h</sup> 4'	26 <sup>h</sup> 39'	24 <sup>h</sup> 7'	29 <sup>h</sup> 51'	23 <sup>h</sup> 44'	3 <sup>h</sup> 14'	3 <sup>h</sup> 48'	22 <sup>h</sup> 36'	24 <sup>h</sup> 14'	M 18
T 19	11 43 38	27 <sup>h</sup> 35'53"	2 <sup>h</sup> 10'	28 <sup>h</sup> 31'	2 <sup>h</sup> 20'	22 <sup>h</sup> 40'	29 <sup>h</sup> 3'	26 <sup>h</sup> 45'	24 <sup>h</sup> 9'	29 <sup>h</sup> 50'	23 <sup>h</sup> 44'	3 <sup>h</sup> 14'	3 <sup>h</sup> 45'	22 <sup>h</sup> 42'	24 <sup>h</sup> 17'	T 19
W 20	11 47 35	28 <sup>h</sup> 35'51"	17 <sup>h</sup> 6'	27 <sup>h</sup> 31'	3 <sup>h</sup> 34'	23 <sup>h</sup> 27'	29 <sup>h</sup> 2'	26 <sup>h</sup> 52'	24 <sup>h</sup> 11'	29 <sup>h</sup> 49'	23 <sup>h</sup> 45'	3 <sup>h</sup> 13'	3 <sup>h</sup> 42'	22 <sup>h</sup> 49'	24 <sup>h</sup> 21'	W 20
T 21	11 51 31	29 <sup>h</sup> 35'48"	1 <sup>h</sup> 20'	26 <sup>h</sup> 32'	4 <sup>h</sup> 49'	24 <sup>h</sup> 14'	29 <sup>h</sup> 1'	26 <sup>h</sup> 58'	24 <sup>h</sup> 13'	29 <sup>h</sup> 47'	23 <sup>h</sup> 46'	3 <sup>h</sup> 01'	3 <sup>h</sup> 39'	22 <sup>h</sup> 56'	24 <sup>h</sup> 24'	T 21
F 22	11 55 28	0 <sup>h</sup> 35'42"	15 <sup>h</sup> 16'	25 <sup>h</sup> 33'	6 <sup>h</sup> 4'	25 <sup>h</sup> 2'	29 <sup>h</sup> 0'	27 <sup>h</sup> 5'	24 <sup>h</sup> 16'	29 <sup>h</sup> 46'	23 <sup>h</sup> 47'	3 <sup>h</sup> 13'	3 <sup>h</sup> 35'	23 <sup>h</sup> 2'	24 <sup>h</sup> 27'	F 22
S 23	11 59 24	1 <sup>h</sup> 35'35"	28 <sup>h</sup> 53'	24 <sup>h</sup> 36'	7 <sup>h</sup> 19'	25 <sup>h</sup> 49'	28 <sup>h</sup> 59'	27 <sup>h</sup> 11'	24 <sup>h</sup> 18'	29 <sup>h</sup> 45'	23 <sup>h</sup> 48'	3 <sup>h</sup> 13'	3 <sup>h</sup> 32'	23 <sup>h</sup> 9'	24 <sup>h</sup> 31'	S 23
S 24	12 3 21	2 <sup>h</sup> 35'26"	12 <sup>h</sup> 7'	23 <sup>h</sup> 43'	8 <sup>h</sup> 34'	26 <sup>h</sup> 36'	28 <sup>h</sup> 58'	27 <sup>h</sup> 17'	24 <sup>h</sup> 20'	29 <sup>h</sup> 43'	23 <sup>h</sup> 49'	3 <sup>h</sup> 13'	3 <sup>h</sup> 29'	23 <sup>h</sup> 16'	24 <sup>h</sup> 34'	S 24
M 25	12 7 17	3 <sup>h</sup> 35'15"	25 <sup>h</sup> 0'	22 <sup>h</sup> 53'	9 <sup>h</sup> 49'	27 <sup>h</sup> 23'	28 <sup>h</sup> 56'	27 <sup>h</sup> 23'	24 <sup>h</sup> 23'	29 <sup>h</sup> 42'	23 <sup>h</sup> 50'	3 <sup>h</sup> 01'	3 <sup>h</sup> 26'	23 <sup>h</sup> 23'	24 <sup>h</sup> 37'	M 25
T 26	12 11 14	4 <sup>h</sup> 35'02"	7 <sup>h</sup> 33'	22 <sup>h</sup> 9'	11 <sup>h</sup> 3'	28 <sup>h</sup> 11'	28 <sup>h</sup> 54'	27 <sup>h</sup> 30'	24 <sup>h</sup> 25'	29 <sup>h</sup> 40'	23 <sup>h</sup> 50'	3 <sup>h</sup> 13'	3 <sup>h</sup> 23'	23 <sup>h</sup> 29'	24 <sup>h</sup> 41'	T 26
W 27	12 15 10	5 <sup>h</sup> 34'48"	19 <sup>h</sup> 50'	21 <sup>h</sup> 30'	12 <sup>h</sup> 18'	28 <sup>h</sup> 58'	28 <sup>h</sup> 52'	27 <sup>h</sup> 36'	24 <sup>h</sup> 28'	29 <sup>h</sup> 39'	23 <sup>h</sup> 51'	3 <sup>h</sup> 13'	3 <sup>h</sup> 20'	23 <sup>h</sup> 36'	24 <sup>h</sup> 44'	W 27
T 28	12 19 7	6 <sup>h</sup> 34'32"	1 <sup>h</sup> 34'	20 <sup>h</sup> 57'	13 <sup>h</sup> 33'	29 <sup>h</sup> 45'	28 <sup>h</sup> 50'	27 <sup>h</sup> 42'	24 <sup>h</sup> 30'	29 <sup>h</sup> 37'	23 <sup>h</sup> 52'	3 <sup>h</sup> 01'	3 <sup>h</sup> 16'	23 <sup>h</sup> 43'	24 <sup>h</sup> 48'	T 28
F 29	12 23 4	7 <sup>h</sup> 34'15"	13 <sup>h</sup> 49'	20 <sup>h</sup> 30'	14 <sup>h</sup> 47'	0 <sup>h</sup> 32'	28 <sup>h</sup> 47'	27 <sup>h</sup> 48'	24 <sup>h</sup> 33'	29 <sup>h</sup> 36'	23 <sup>h</sup> 53'	3 <sup>h</sup> 13'	3 <sup>h</sup> 13'	23 <sup>h</sup> 49'	24 <sup>h</sup> 51'	F 29
S 30	12 27 0	8 <sup>h</sup> 33'56"	25 <sup>h</sup> 41'	20 <sup>h</sup> 10'	16 <sup>h</sup> 2'	1 <sup>h</sup> 19'	28 <sup>h</sup> 45'	27 <sup>h</sup> 54'	24 <sup>h</sup> 36'	29 <sup>h</sup> 34'	23 <sup>h</sup> 54'	3 <sup>h</sup> 13'	3 <sup>h</sup> 10'	23 <sup>h</sup> 56'	24 <sup>h</sup> 54'	S 30
S 31	12 30 57	9 <sup>h</sup> 33'35"	7 <sup>h</sup> 34'	19 <sup>h</sup> 55'	17 <sup>h</sup> 17'	2 <sup>h</sup> 6'	28 <sup>h</sup> 42'	28 <sup>h</sup> 0'	24 <sup>h</sup> 38'	29 <sup>h</sup> 33'	23 <sup>h</sup> 55'	3 <sup>h</sup> 14'	3 <sup>h</sup> 7'	24 <sup>h</sup> 3 3'	24 <sup>h</sup> 58'	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
-----	---	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--

# ASTRODIENST EPHEMERIS for the year 2611

APRIL 2611

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	12 34 53	10°Y33'12	19°33	19°R47	18°Y31	2°Y53	28°R39	28°6	24°841	29°R31	23°56	3°14	3°4	24°310	25°Y 1	M 1
T 2	12 38 50	11°32'48	1°41	19°D45	19°46	3°40	28°M36	28°12	24°44	29°30	23°57	3°15	3° 0	24°16	25° 5	T 2
W 3	12 42 46	12°32'21	14° 1	19°49	21° 1	4°27	28°33	28°18	24°46	29°28	23°58	3°16	2°57	24°23	25° 8	W 3
T 4	12 46 43	13°31'53	26°36	19°58	22°15	5°14	28°29	28°23	24°49	29°27	23°59	3°17	2°54	24°30	25°12	T 4
F 5	12 50 39	14°31'23	9°Y28	20°13	23°30	6° 1	28°26	28°29	24°52	29°25	24° 1	3°R17	2°51	24°36	25°15	F 5
S 6	12 54 36	15°30'51	22°36	20°33	24°44	6°48	28°22	28°35	24°55	29°24	24° 2	3°16	2°48	24°43	25°19	S 6
S 7	12 58 33	16°30'17	5°859	20°57	25°59	7°35	28°18	28°40	24°58	29°22	24° 3	3°15	2°45	24°50	25°22	S 7
M 8	13 2 29	17°29'41	19°37	21°27	27°13	8°22	28°14	28°46	25° 1	29°20	24° 4	3°13	2°41	24°57	25°26	M 8
T 9	13 6 26	18°29'02	3°II27	22° 0	28°28	9° 9	28° 9	28°51	25° 4	29°19	24° 5	3°11	2°38	25° 3	25°30	T 9
W10	13 10 22	19°28'22	17°27	22°38	29°42	9°56	28° 5	28°57	25° 6	29°17	24° 6	3° 9	2°35	25°10	25°33	W10
T 11	13 14 19	20°27'39	1°33	23°19	0°857	10°43	28° 0	29° 2	25° 9	29°16	24° 7	3° 7	2°32	25°17	25°37	T 11
F 12	13 18 15	21°26'54	15°43	24° 5	2°11	11°30	27°56	29° 7	25°12	29°14	24° 8	3°D 7	2°29	25°23	25°40	F 12
S 13	13 22 12	22°26'07	29°55	24°53	3°25	12°16	27°51	29°13	25°15	29°12	24°10	3° 7	2°26	25°30	25°44	S 13
S 14	13 26 8	23°25'17	14°8 7	25°45	4°40	13° 3	27°46	29°18	25°19	29°11	24°11	3° 8	2°22	25°37	25°47	S 14
M15	13 30 5	24°24'25	28°16	26°41	5°54	13°50	27°40	29°23	25°22	29° 9	24°12	3° 9	2°19	25°44	25°51	M15
T 16	13 34 2	25°23'31	12°21	27°39	7° 8	14°36	27°35	29°28	25°25	29° 7	24°13	3°10	2°16	25°50	25°55	T 16
W17	13 37 58	26°22'34	26°18	28°39	8°22	15°23	27°29	29°33	25°28	29° 6	24°14	3°R11	2°13	25°57	25°58	W17
T 18	13 41 55	27°21'36	10°5 5	29°43	9°37	16°10	27°24	29°38	25°31	29° 4	24°16	3°11	2°10	26° 4	26° 2	T 18
F 19	13 45 51	28°20'35	23°40	0°Y49	10°51	16°56	27°18	29°43	25°34	29° 3	24°17	3°10	2° 6	26°10	26° 5	F 19
S 20	13 49 48	29°19'32	7°M 0	1°57	12° 5	17°43	27°12	29°47	25°37	29° 1	24°18	3° 7	2° 3	26°17	26° 9	S 20
S 21	13 53 44	0°818'27	20° 4	3° 8	13°19	18°29	27° 6	29°52	25°40	28°59	24°19	3° 4	2° 0	26°24	26°12	S 21
M22	13 57 41	1°17'21	2°252	4°21	14°33	19°16	27° 0	29°57	25°44	28°58	24°21	2°59	1°57	26°30	26°16	M22
T 23	14 1 37	2°16'12	15°23	5°36	15°47	20° 2	26°54	0°8 1	25°47	28°56	24°22	2°54	1°54	26°37	26°19	T 23
W24	14 5 34	3°15'02	27°39	6°53	17° 1	20°48	26°47	0° 6	25°50	28°54	24°23	2°50	1°51	26°44	26°23	W24
T 25	14 9 31	4°13'50	9°344	8°13	18°15	21°35	26°41	0°10	25°53	28°53	24°24	2°46	1°47	26°51	26°27	T 25
F 26	14 13 27	5°12'37	21°40	9°34	19°29	22°21	26°34	0°15	25°57	28°51	24°26	2°44	1°44	26°57	26°30	F 26
S 27	14 17 24	6°11'22	3°333	10°57	20°43	23° 7	26°28	0°19	26° 0	28°49	24°27	2°D43	1°41	27° 4	26°34	S 27
S 28	14 21 20	7°10'05	15°26	12°22	21°57	23°54	26°21	0°23	26° 3	28°48	24°28	2°43	1°38	27°11	26°37	S 28
M29	14 25 17	8° 8'46	27°24	13°49	23°11	24°40	26°14	0°27	26° 7	28°46	24°30	2°44	1°35	27°17	26°41	M29
T 30	14 29 13	9°8 7'26	9°833	15°Y18	24°825	25°Y26	26°M 7	0°831	26°810	28°845	24°831	2°46	1°32	27°324	26°Y44	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	4n10	11s26	3n39	3s11	0n55	6n10	1s 9	0n19	0s54	18s37	1n13	13s 1	0s59	18n37	0s16	9s42
T 2	4 33	8 15	2 46	3 25	0 40	6 39	1 8	0 38	0 54	18 36	1 13	12 59	0 59	18 38	0 16	9 42
W 3	4 56	4 39	1 45	3 37	0 26	7 9	1 6	0 57	0 54	18 35	1 13	12 57	0 59	18 39	0 16	9 41
T 4	5 19	0 47	0 37	3 47	0 12	7 38	1 5	1 16	0 53	18 34	1 13	12 55	0 59	18 39	0 16	9 41
F 5	5 42	3n13	0s34	3 54	0s 2	8 7	1 3	1 35	0 53	18 33	1 13	12 53	0 59	18 40	0 16	9 40
S 6	6 5	7 8	1 45	3 58	0 15	8 36	1 2	1 53	0 52	18 32	1 13	12 51	0 59	18 41	0 16	9 40
S 7	6 28	10 47	2 51	4 0	0 28	9 4	1 0	2 12	0 52	18 31	1 13	12 50	1 0	18 41	0 16	9 39
M 8	6 51	13 54	3 49	4 0	0 40	9 33	0 58	2 31	0 52	18 30	1 13	12 48	1 0	18 42	0 16	9 38
T 9	7 13	16 17	4 34	3 57	0 52	10 1	0 56	2 50	0 51	18 29	1 14	12 46	1 0	18 43	0 16	9 38
W10	7 36	17 43	5 4	3 52	1 3	10 29	0 54	3 9	0 51	18 28	1 14	12 44	1 0	18 43	0 16	9 37
T 11	7 58	18 5	5 15	3 46	1 13	10 57	0 52	3 27	0 50	18 27	1 14	12 42	1 0	18 44	0 16	9 37
F 12	8 20	17 20	5 8	3 37	1 23	11 24	0 51	3 46	0 50	18 26	1 14	12 41	1 0	18 45	0 16	9 36
S 13	8 42	15 30	4 42	3 26	1 32	11 51	0 49	4 5	0 49	18 25	1 14	12 39	1 0	18 46	0 16	9 36
S 14	9 4	12 44	3 58	3 13	1 41	12 18	0 47	4 23	0 49	18 23	1 14	12 37	1 1	18 46	0 16	9 35
M15	9 26	9 12	3 1	2 59	1 49	12 45	0 44	4 42	0 48	18 22	1 14	12 36	1 1	18 47	0 16	9 34
T 16	9 47	5 10	1 52	2 43	1 56	13 11	0 42	5 0	0 48	18 21	1 14	12 34	1 1	18 48	0 16	9 34
W17	10 9	0 53	0 38	2 25	2 3	13 37	0 40	5 18	0 48	18 20	1 14	12 33	1 1	18 49	0 16	9 33
T 18	10 30	3s24	0n38	2 6	2 10	14 2	0 38	5 37	0 47	18 18	1 14	12 31	1 1	18 49	0 16	9 33
F 19	10 51	7 27	1 50	1 45	2 15	14 28	0 36	5 55	0 47	18 17	1 14	12 29	1 1	18 50	0 15	9 32
S 20	11 12	11 3	2 55	1 23	2 21	14 53	0 34	6 13	0 46	18 16	1 14	12 28	1 1	18 51	0 15	9 31
S 21	11 32	14 1	3 49	0 59	2 25	15 17	0 31	6 31	0 46	18 14	1 14	12 26	1 2	18 52	0 15	9 31
M22	11 53	16 14	4 31	0 34	2 29	15 41	0 29	6 49	0 45	18 13	1 14	12 25	1 2	18 52	0 15	9 30
T 23	12 13	17 37	4 58	0 7	2 33	16 5	0 27	7 7	0 45	18 11	1 15	12 23	1 2	18 53	0 15	9 30
W24	12 33	18 9	5 11	0n20	2 36	16 28	0 24	7 25	0 44	18 10	1 15	12 22	1 2	18 54	0 15	9 29
T 25	12 53	17 51	5 10	0 49	2 38	16 51	0 22	7 43	0 44	18 8	1 15	12 21	1 2	18 55	0 15	9 29
F 26	13 13	16 45	4 56	1 19	2 40	17 14	0 20	8 0	0 43	18 7	1 15	12 19	1 2	18 56	0 15	9 28
S 27	13 32	14 56	4 29	1 51	2 41	17 36	0 17	8 18	0 43	18 5	1 15	12 18	1 2	18 56	0 15	9 27
S 28	13 52	12 29	3 50	2 23	2 42	17 57	0 15	8 35	0 42	18 4	1 15	12 17	1 3	18 57	0 15	9 27
M29	14 11	9 30	3 1	2 56	2 42	18 19	0 12	8 53	0 42	18 2	1 15	12 15	1 3	18 58	0 15	9 26
T 30	14n29	6s 3	2n 3	3n31	2s42	18n39	0s10	9n10	0s41	18s 0	1n15	12s14	1s 3	18n59	0s15	9s26

Julian Day Number = 2674797.5, Delta T = 20m56s  
 Ecliptic obliquity = 23°21'27", Nutation = 0°00'01  
 Ayanamsha: Fagan/Bradley = 33°17'23", Lahiri = 32°24'23

## ASTRODIENST EPHEMERIS for the year 2611

MAY 2611

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	14 33 10	10♈ 6'04	21♋ 57	16♊ 48	25♈ 39	26♊ 12	26°R 0	0♈ 35	26♈ 13	28°R 43	24♈ 32	2♈ 47	1♈ 28	27♈ 31	26♊ 48	W 1
T 2	14 37 6	11° 4'40	4♊ 40	18° 21	26° 53	26° 58	25♈ 53	0° 39	26° 17	28♈ 41	24° 34	2° R 48	1° 25	27° 38	26° 51	T 2
F 3	14 41 3	12° 3'14	17° 44	19° 55	28° 7	27° 44	25° 46	0° 43	26° 20	28° 40	24° 35	2° 47	1° 22	27° 44	26° 55	F 3
S 4	14 44 59	13° 1'47	1♈ 10	21° 30	29° 21	28° 30	25° 39	0° 46	26° 24	28° 38	24° 36	2° 44	1° 19	27° 51	26° 58	S 4
S 5	14 48 56	14° 0'18	14° 57	23° 8	0♈ 34	29° 16	25° 31	0° 50	26° 27	28° 37	24° 38	2° 39	1° 16	27° 58	27° 2	S 5
M 6	14 52 53	14° 58'48	29° 2	24° 47	1° 48	0♈ 2	25° 24	0° 53	26° 30	28° 35	24° 39	2° 33	1° 12	28° 4	27° 5	M 6
T 7	14 56 49	15° 57'15	13♈ 21	26° 28	3° 2	0° 48	25° 16	0° 57	26° 34	28° 33	24° 40	2° 26	1° 9	28° 11	27° 8	T 7
W 8	15 0 46	16° 55'41	27° 47	28° 11	4° 16	1° 34	25° 9	1° 0	26° 37	28° 32	24° 42	2° 19	1° 6	28° 18	27° 12	W 8
T 9	15 4 42	17° 54'04	12♈ 15	29° 55	5° 29	2° 19	25° 1	1° 3	26° 41	28° 30	24° 43	2° 14	1° 3	28° 25	27° 15	T 9
F 10	15 8 39	18° 52'25	26° 40	1♈ 42	6° 43	3° 5	24° 54	1° 7	26° 44	28° 29	24° 44	2° 10	1° 0	28° 31	27° 19	F 10
S 11	15 12 35	19° 50'45	10♈ 57	3° 30	7° 57	3° 51	24° 46	1° 10	26° 48	28° 27	24° 46	2° 8	0° 57	28° 38	27° 22	S 11
S 12	15 16 32	20° 49'02	25° 4	5° 20	9° 10	4° 36	24° 39	1° 13	26° 51	28° 26	24° 47	2° D 8	0° 53	28° 45	27° 25	S 12
M13	15 20 28	21° 47'17	9♈ 0	7° 11	10° 24	5° 22	24° 31	1° 16	26° 54	28° 24	24° 48	2° 8	0° 50	28° 51	27° 29	M13
T 14	15 24 25	22° 45'30	22° 44	9° 4	11° 37	6° 8	24° 23	1° 19	26° 58	28° 23	24° 50	2° 9	0° 47	28° 58	27° 32	T 14
W15	15 28 22	23° 43'41	6♈ 17	11° 0	12° 51	6° 53	24° 16	1° 21	27° 1	28° 21	24° 51	2° R 10	0° 44	29° 5	27° 35	W15
T 16	15 32 18	24° 41'50	19° 39	12° 56	14° 4	7° 38	24° 8	1° 24	27° 5	28° 20	24° 52	2° 8	0° 41	29° 11	27° 39	T 16
F 17	15 36 15	25° 39'58	2♈ 49	14° 55	15° 18	8° 24	24° 0	1° 26	27° 8	28° 19	24° 54	2° 5	0° 37	29° 18	27° 42	F 17
S 18	15 40 11	26° 38'03	15° 48	16° 55	16° 31	9° 9	23° 53	1° 29	27° 12	28° 17	24° 55	1° 58	0° 34	29° 25	27° 45	S 18
S 19	15 44 8	27° 36'07	28° 36	18° 57	17° 44	9° 54	23° 45	1° 31	27° 15	28° 16	24° 56	1° 50	0° 31	29° 32	27° 48	S 19
M20	15 48 4	28° 34'10	11♈ 10	21° 1	18° 58	10° 40	23° 38	1° 34	27° 19	28° 14	24° 58	1° 40	0° 28	29° 38	27° 51	M20
T 21	15 52 1	29° 32'11	23° 33	23° 6	20° 11	11° 25	23° 30	1° 36	27° 22	28° 13	24° 59	1° 30	0° 25	29° 45	27° 55	T 21
W22	15 55 57	0♈ 30'10	5♈ 45	25° 12	21° 24	12° 10	23° 22	1° 38	27° 26	28° 12	25° 1	1° 19	0° 22	29° 52	27° 58	W22
T 23	15 59 54	1° 28'08	17° 46	27° 20	22° 38	12° 55	23° 15	1° 40	27° 29	28° 10	25° 2	1° 10	0° 18	29° 58	28° 1	T 23
F 24	16 3 51	2° 26'05	29° 41	29° 29	23° 51	13° 40	23° 7	1° 42	27° 33	28° 9	25° 3	1° 3	0° 15	0♈ 5	28° 4	F 24
S 25	16 7 47	3° 24'00	11♈ 32	1♈ 39	25° 4	14° 25	23° 0	1° 44	27° 36	28° 8	25° 5	0° 59	0° 12	0° 12	28° 7	S 25
S 26	16 11 44	4° 21'54	23° 24	3° 49	26° 17	15° 10	22° 53	1° 45	27° 39	28° 6	25° 6	0° 56	0° 9	0° 19	28° 10	S 26
M27	16 15 40	5° 19'47	5♈ 21	6° 0	27° 30	15° 55	22° 45	1° 47	27° 43	28° 5	25° 7	0° D 55	0° 6	0° 25	28° 13	M27
T 28	16 19 37	6° 17'38	17° 28	8° 12	28° 43	16° 40	22° 38	1° 49	27° 46	28° 4	25° 9	0° 56	0° 3	0° 32	28° 16	T 28
W29	16 23 33	7° 15'29	29° 52	10° 23	29° 57	17° 25	22° 31	1° 50	27° 50	28° 3	25° 10	0° R 56	29° 59	0° 39	28° 19	W29
T 30	16 27 30	8° 13'18	12♈ 36	12° 34	1♈ 10	18° 9	22° 24	1° 51	27° 53	28° 2	25° 11	0° 56	29° 56	0° 45	28° 22	T 30
F 31	16 31 26	9♈ 11'06	25° 45	14♈ 45	2♈ 23	18° 54	22° 16	1° 53	27° 57	28° 0	25° 13	0° 53	29° 53	0♈ 52	28° 25	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	14n48	2s17	0n59	4n 6	2s41	18n59	0s 7	9n27	0s41	17s59	1n15	12s13	1s 3	19n 0	0s15	9s25	1n40	4n 8	15s 8	1s 6	0s35	16s 3	10n41	0n25				
T 2	15 6	1n42	0s10	4 42	2 40	19 19	0 5	9 44	0 40	17 57	1 15	12 12	1 3	19 0	0 15	9 25	1 40	4 8	15 8	1 6	0 34	16 2	10 42	0 25				
F 3	15 24	5 42	1 20	5 19	2 38	19 38	0 2	10 1	0 39	17 55	1 15	12 10	1 3	19 1	0 15	9 24	1 40	4 9	15 8	1 6	0 32	16 1	10 44	0 25				
S 4	15 42	9 32	2 28	5 57	2 36	19 57	0n 0	10 18	0 39	17 54	1 15	12 9	1 4	19 2	0 15	9 24	1 40	4 9	15 8	1 5	0 31	16 0	10 45	0 25				
S 5	15 59	12 56	3 28	6 36	2 33	20 15	0 3	10 35	0 38	17 52	1 15	12 8	1 4	19 3	0 15	9 23	1 40	4 9	15 8	1 3	0 30	15 59	10 46	0 25				
M 6	16 16	15 41	4 18	7 15	2 29	20 32	0 5	10 51	0 38	17 50	1 15	12 7	1 4	19 4	0 15	9 22	1 40	4 10	15 8	1 1	0 29	15 58	10 47	0 25				
T 7	16 33	17 30	4 52	7 55	2 25	20 49	0 8	11 8	0 37	17 49	1 15	12 6	1 4	19 4	0 15	9 22	1 40	4 10	15 8	0 58	0 27	15 57	10 48	0 25				
W 8	16 50	18 13	5 7	8 36	2 21	21 6	0 11	11 24	0 37	17 47	1 15	12 5	1 4	19 5	0 15	9 21	1 40	4 11	15 7	0 55	0 26	15 57	10 50	0 25				
T 9	17 6	17 45	5 4	9 17	2 16	21 22	0 13	11 40	0 36	17 45	1 15	12 4	1 4	19 6	0 15	9 21	1 40	4 11	15 7	0 53	0 25	15 56	10 51	0 25				
F 10	17 23	16 9	4 41	9 59	2 10	21 37	0 16	11 56	0 36	17 43	1 15	12 3	1 5	19 7	0 15	9 20	1 40	4 11	15 7	0 51	0 24	15 55	10 52	0 25				
S 11	17 38	13 34	4 1	10 41	2 4	21 52	0 18	12 12	0 35	17 41	1 14	12 2	1 5	19 8	0 15	9 20	1 40	4 12	15 7	0 51	0 22	15 54	10 53	0 25				
S 12	17 54	10 12	3 6	11 24	1 58	22 6	0 21	12 28	0 34	17 40	1 14	12 1	1 5	19 8	0 15	9 19	1 40	4 12	15 7	0 51	0 21	15 53	10 54	0 25				
M13	18 9	6 17	2 2	12 7	1 51	22 19	0 23	12 44	0 34	17 38	1 14	12 0	1 5	19 9	0 15	9 19	1 40	4 12	15 7	0 51	0 20	15 52	10 55	0 24				
T 14	18 24	2 6	0 51	12 50	1 43	22 32	0 26	13 0	0 33	17 36	1 14	11 59	1 5	19 10	0 15	9 18	1 40	4 13	15 7	0 51	0 19	15 51	10 56	0 24				
W15	18 38	2s 9	0n22	13 33	1 36	22 44	0 28	13 15	0 33	17 34	1 14	11 59	1 6	19 11	0 15	9 18	1 40	4 13	15 7	0 51	0 17	15 50	10 58	0 24				
T 16	18 53	6 14	1 33	14 17	1 27	22 55	0 31	13 30	0 32	17 33	1 14	11 58	1 6	19 12	0 15	9 17	1 40	4 13	15 7	0 51	0 16	15 49	10 59	0 24				
F 17	19 7	9 57	2 37	15 0	1 19	23 6	0 34	13 46	0 31	17 31	1 14	11 57	1 6	19 12	0 15	9 17	1 40	4 14	15 7	0 49	0 15	15 48	11 0	0 24				
S 18	19 20	13 8	3 32	15 43	1 10	23 16	0 36	14 1	0 31	17 29	1 14	11 56	1 6	19 13	0 15	9 16	1 40	4 14	15 7	0 47	0 14	15 47	11 1	0 24				
S 19	19 33	15 37	4 15	16 26	1 0	23 26	0 39	14 15	0 30	17 27	1 14	11 56	1 6	19 14	0 15	9 16	1 40	4 14	15 7	0 44	0 12	15 46	11 2	0 24				
M20	19 46	17 20	4 45	17 8	0 51	23 35	0 41	14 30	0 30	17 25	1 14	11 55	1 6	19 15	0 15	9 15	1 40	4 15	15 7	0 40	0 11	15 45	11 3	0 24				
T 21	19 59	18 11	5 1	17 50	0 41	23 43	0 43	14 45	0 29	17 24	1 14	11 54	1 7	19 16	0 15	9 15	1 40	4 15	15 7	0 36	0 10	15 45	11 4	0 24				
W22	20 11	18 11	5 3	18 30	0 31	23 51	0 46	14 59	0 28	17 22	1 14	11 54	1 7	19 16	0 15	9 14	1 40	4 15	15 7	0 31	0 9	15 44	11 5	0 24				
T 23	20 23	17 21	4 52	19 10	0 20	23 57	0 48	15 13	0 28	17 20	1 14	11 53	1 7	19 17	0 15	9 14	1 40	4 15	15 7	0 28	0 7	15 43	11 6	0 24				
F 24	20 35	15 47	4 28	19 49	0 10	24 4	0 51	15 27	0 27	17 18	1 13	11 53	1 7	19 18	0 15	9 14	1 40	4 16	15 7	0 25	0 6	15 42	11 7	0 24				
S 25	20 46	13 33	3 52	20 26	0n 1	24 9	0 53	15 41	0 27	17 17	1 13	11 52	1 7	19 19	0 15	9 13	1 40	4 16	15 7	0 23	0 5	15 41	11 8	0 24				
S 26	20 57	10 44	3 6	21 2	0 11	24 14	0 55	15 55	0 26	17 15	1 13	11 52	1 8	19 19	0 15	9 13	1 40	4 16	15 7	0 22	0 4	15 40	11 9	0 24				
M27	21 7	7 28	2 12	21 36	0 22	24 18	0 58	16 9	0 25	17 13	1 13	11 52	1 8	19 20	0 15	9 12	1 40	4 17	15 7	0 22	0 2	15 39	11 10	0 24				
T 28	21 17	3 50	1 11	22 8	0 32	24 21	1 0	16 22	0 25	17 11	1 13	11 51	1 8	19 21	0 15	9 12	1 40	4 17	15 7	0 22	0 1	15 38	11 11	0 24				
W29	21 27	0n 2	0 6	22 37	0 42	24 24	1 2	16 35	0 24	17 10	1 13	11 51	1 8	19 22	0 15	9 12	1 40	4 17	15 7	0 22	0n 0	15 37	11 12	0 24				
T 30	21 36	4 1	1s 2	23 5	0 52	24 26	1 4	16 48	0 23	17 8	1 13	11 50	1 8	19 23	0 15	9 11	1 40	4 17	15 7	0 22	0 2	15 36	11 13	0 24				
F 31	21n45	7n56	2s 8	23n30	1n 1	24n27	1n 7	17n 1	0s23	17s 6	1n13	11s50	1s 8	19n23	0s15	9s11	1n40	4n18	15s 7	0s21	0n 3	15s35	11n14	0n23				

## ASTRODIENST EPHEMERIS for the year 2611

JUNE 2611

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 35 23	10II 8'54	9B20	16II54	3B36	19B39	22°R 9	1K54	28B 0	27°R59	25B14	0°R48	29B50	0A59	28Y28	S 1
S 2	16 39 20	11° 6'40	23°22	19° 3	4°49	20°23	22M 3	1°55	28° 3	27A58	25°15	0A41	29°47	1° 5	28°30	S 2
M 3	16 43 16	12° 4'24	7II47	21°10	6° 1	21° 8	21°56	1°56	28° 7	27°57	25°17	0°32	29°43	1°12	28°33	M 3
T 4	16 47 13	13° 2'08	22°29	23°16	7°14	21°52	21°49	1°57	28°10	27°56	25°18	0°21	29°40	1°19	28°36	T 4
W 5	16 51 9	13°59'50	7B21	25°20	8°27	22°37	21°42	1°57	28°14	27°55	25°19	0°11	29°37	1°26	28°39	W 5
T 6	16 55 6	14°57'31	22°14	27°22	9°40	23°21	21°36	1°58	28°17	27°54	25°20	0° 2	29°34	1°32	28°41	T 6
F 7	16 59 2	15°55'11	7B 0	29°21	10°53	24° 6	21°29	1°59	28°20	27°53	25°22	29B55	29°31	1°39	28°44	F 7
S 8	17 2 59	16°52'49	21°31	1B18	12° 6	24°50	21°23	1°59	28°24	27°52	25°23	29°50	29°28	1°46	28°47	S 8
S 9	17 6 56	17°50'25	5B45	3°13	13°18	25°34	21°17	1°59	28°27	27°51	25°24	29°49	29°24	1°52	28°49	S 9
M10	17 10 52	18°48'00	19°39	5° 6	14°31	26°18	21°11	2° 0	28°30	27°50	25°26	29°D48	29°21	1°59	28°52	M10
T 11	17 14 49	19°45'34	3A15	6°55	15°44	27° 2	21° 5	2° 0	28°34	27°49	25°27	29°R48	29°18	2° 6	28°54	T 11
W12	17 18 45	20°43'06	16°35	8°42	16°56	27°46	20°59	2°R 0	28°37	27°49	25°28	29°47	29°15	2°12	28°57	W12
T 13	17 22 42	21°40'37	29°39	10°27	18° 9	28°30	20°53	2° 0	28°40	27°48	25°29	29°45	29°12	2°19	28°59	T 13
F 14	17 26 38	22°38'07	12M30	12° 8	19°21	29°14	20°47	2° 0	28°43	27°47	25°31	29°39	29° 9	2°26	29° 2	F 14
S 15	17 30 35	23°35'36	25°10	13°47	20°34	29°58	20°42	1°59	28°47	27°46	25°32	29°31	29° 5	2°33	29° 4	S 15
S 16	17 34 31	24°33'04	7A40	15°23	21°46	0II42	20°37	1°59	28°50	27°45	25°33	29°20	29° 2	2°39	29° 7	S 16
M17	17 38 28	25°30'30	20° 0	16°56	22°59	1°26	20°31	1°59	28°53	27°45	25°34	29° 8	28°59	2°46	29° 9	M17
T 18	17 42 25	26°27'56	2B12	18°27	24°11	2° 9	20°26	1°58	28°56	27°44	25°35	28°54	28°56	2°53	29°11	T 18
W19	17 46 21	27°25'21	14°15	19°54	25°24	2°53	20°21	1°58	28°59	27°43	25°37	28°41	28°53	2°59	29°13	W19
T 20	17 50 18	28°22'45	26°12	21°19	26°36	3°37	20°17	1°57	29° 3	27°43	25°38	28°29	28°49	3° 6	29°16	T 20
F 21	17 54 14	29°20'08	8A 4	22°40	27°48	4°20	20°12	1°56	29° 6	27°42	25°39	28°19	28°46	3°13	29°18	F 21
S 22	17 58 11	0B17'31	19°53	23°59	29° 0	5° 4	20° 8	1°55	29° 9	27°42	25°40	28°12	28°43	3°19	29°20	S 22
S 23	18 2 7	1°14'53	1K44	25°14	0B13	5°47	20° 3	1°54	29°12	27°41	25°41	28° 8	28°40	3°26	29°22	S 23
M24	18 6 4	2°12'15	13°40	26°26	1°25	6°30	19°59	1°53	29°15	27°41	25°42	28° 6	28°37	3°33	29°24	M24
T 25	18 10 0	3° 9'36	25°46	27°36	2°37	7°14	19°55	1°52	29°18	27°40	25°43	28° 5	28°34	3°40	29°26	T 25
W26	18 13 57	4° 6'57	8Y 7	28°42	3°49	7°57	19°51	1°51	29°21	27°40	25°45	28° 5	28°30	3°46	29°28	W26
T 27	18 17 54	5° 4'17	20°49	29°45	5° 1	8°40	19°48	1°49	29°24	27°39	25°46	28° 5	28°27	3°53	29°30	T 27
F 28	18 21 50	6° 1'37	3B56	0B44	6°13	9°23	19°44	1°48	29°27	27°39	25°47	28° 2	28°24	4° 0	29°31	F 28
S 29	18 25 47	6°58'57	17°31	1°40	7°25	10° 6	19°41	1°46	29°30	27°38	25°48	27°58	28°21	4° 6	29°33	S 29
S 30	18 29 43	7B56'17	1II36	2B33	8B37	10II49	19M38	1K45	29B33	27A38	25B49	27B50	28B18	4A13	29Y35	S 30

Day	☉	☾			♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	21n54	11n34	3s 9	23n53	1n10	24n27	1n 9	17n14	0s22	17s 5	1n12	11s50	1s 9	19n24	0s15	9s10	1n40	4n18	15s 7	0s19	0n 4	15s34	11n15	0n23					
S 2	22 2	14 40	4 1	24 13	1 19	24 27	1 11	17 26	0 22	17 3	1 12	11 50	1 9	19 25	0 15	9 10	1 39	4 18	15 7	0 16	0 5	15 33	11 16	0 23					
M 3	22 10	16 57	4 39	24 30	1 27	24 26	1 13	17 39	0 21	17 2	1 12	11 50	1 9	19 26	0 15	9 10	1 39	4 18	15 7	0 13	0 7	15 32	11 17	0 23					
T 4	22 17	18 10	4 59	24 45	1 34	24 24	1 15	17 51	0 20	17 0	1 12	11 49	1 9	19 26	0 15	9 9	1 39	4 18	15 7	0 8	0 8	15 31	11 18	0 23					
W 5	22 24	18 10	4 59	24 57	1 41	24 22	1 17	18 3	0 20	16 58	1 12	11 49	1 9	19 27	0 15	9 9	1 39	4 19	15 8	0 4	0 9	15 30	11 19	0 23					
T 6	22 31	16 56	4 40	25 6	1 47	24 19	1 19	18 15	0 19	16 57	1 12	11 49	1 10	19 28	0 15	9 9	1 39	4 19	15 8	0 1	0 10	15 29	11 20	0 23					
F 7	22 37	14 34	4 1	25 13	1 52	24 15	1 21	18 26	0 18	16 55	1 11	11 49	1 10	19 29	0 15	9 8	1 39	4 19	15 8	0n 2	0 12	15 28	11 21	0 23					
S 8	22 43	11 19	3 8	25 17	1 56	24 11	1 22	18 38	0 18	16 54	1 11	11 49	1 10	19 29	0 15	9 8	1 39	4 19	15 8	0 4	0 13	15 27	11 22	0 23					
S 9	22 48	7 27	2 4	25 19	2 0	24 5	1 24	18 49	0 17	16 53	1 11	11 49	1 10	19 30	0 15	9 8	1 39	4 19	15 8	0 5	0 14	15 26	11 23	0 23					
M10	22 53	3 16	0 54	25 18	2 3	24 0	1 26	19 0	0 16	16 51	1 11	11 49	1 10	19 31	0 15	9 7	1 39	4 20	15 8	0 5	0 15	15 25	11 24	0 23					
T 11	22 58	1s 1	0n18	25 16	2 5	23 53	1 28	19 11	0 16	16 50	1 11	11 50	1 11	19 32	0 15	9 7	1 39	4 20	15 8	0 5	0 17	15 24	11 24	0 23					
W12	23 2	5 9	1 28	25 11	2 6	23 46	1 29	19 21	0 15	16 48	1 10	11 50	1 11	19 32	0 15	9 7	1 39	4 20	15 8	0 5	0 18	15 23	11 25	0 23					
T 13	23 6	8 57	2 31	25 4	2 7	23 38	1 31	19 32	0 14	16 47	1 10	11 50	1 11	19 33	0 15	9 7	1 39	4 20	15 8	0 6	0 19	15 22	11 26	0 23					
F 14	23 9	12 17	3 25	24 55	2 7	23 29	1 32	19 42	0 14	16 46	1 10	11 50	1 11	19 34	0 15	9 6	1 39	4 20	15 8	0 8	0 20	15 21	11 27	0 23					
S 15	23 12	14 58	4 8	24 44	2 6	23 20	1 34	19 52	0 13	16 45	1 10	11 50	1 11	19 34	0 15	9 6	1 39	4 20	15 9	0 11	0 22	15 20	11 28	0 23					
S 16	23 15	16 55	4 39	24 32	2 4	23 10	1 35	20 2	0 12	16 43	1 10	11 51	1 11	19 35	0 15	9 6	1 39	4 21	15 9	0 16	0 23	15 19	11 28	0 23					
M17	23 17	18 4	4 56	24 18	2 1	22 59	1 36	20 11	0 12	16 42	1 9	11 51	1 12	19 36	0 15	9 6	1 39	4 21	15 9	0 21	0 24	15 18	11 29	0 23					
T 18	23 19	18 21	4 59	24 3	1 58	22 48	1 37	20 21	0 11	16 41	1 9	11 51	1 12	19 37	0 15	9 6	1 39	4 21	15 9	0 26	0 25	15 17	11 30	0 23					
W19	23 20	17 48	4 49	23 46	1 54	22 36	1 39	20 30	0 10	16 40	1 9	11 52	1 12	19 37	0 15	9 5	1 39	4 21	15 9	0 31	0 27	15 16	11 31	0 22					
T 20	23 21	16 29	4 26	23 28	1 49	22 24	1 40	20 39	0 9	16 39	1 9	11 52	1 12	19 38	0 15	9 5	1 39	4 21	15 9	0 36	0 28	15 15	11 31	0 22					
F 21	23 21	14 27	3 52	23 10	1 44	22 11	1 41	20 48	0 9	16 38	1 9	11 53	1 12	19 39	0 15	9 5	1 39	4 21	15 9	0 40	0 29	15 14	11 32	0 22					
S 22	23 21	11 50	3 7	22 50	1 37	21 57	1 42	20 56	0 8	16 37	1 8	11 53	1 13	19 39	0 15	9 5	1 39	4 21	15 9	0 43	0 30	15 13	11 33	0 22					
S 23	23 21	8 43	2 15	22 30	1 30	21 42	1 43	21 5	0 7	16 36	1 8	11 54	1 13	19 40	0 15	9 5	1 39	4 21	15 10	0 45	0 32	15 12	11 33	0 22					
M24	23 20	5 14	1 16	22 9	1 23	21 28	1 43	21 13	0 7	16 35	1 8	11 54	1 13	19 41	0 15	9 5	1 39	4 22	15 10	0 45	0 33	15 11	11 34	0 22					
T 25	23 19	1 29	0 12	21 47	1 14	21 12	1 44	21 21	0 6	16 34	1 8	11 55	1 13	19 41	0 15	9 4	1 39	4 22	15 10	0 46	0 34	15 10	11 35	0 22					
W26	23 18	2n24	0s53	21 25	1 5	20 56	1 45	21 28	0 5	16 34	1 7	11 55	1 13	19 42	0 15	9 4	1 38	4 22	15 10	0 46	0 36	15 9	11 35	0 22					
T 27	23 16	6 17	1 57	21 2	0 55	20 39	1 46	21 36	0 5	16 33	1 7	11 56	1 14	19 43	0 15	9 4	1 38	4 22	15 10	0 46	0 37	15 8	11 36	0 22					
F 28	23 13	10 0	2 58	20 39	0 45	20 22	1 46	21 43	0 4	16 32	1 7	11 57	1 14	19 43	0 15	9 4	1 38	4 22	15 10	0 47	0 38	15 7	11 37	0 22					
S 29	23 10	13 19	3 50	20 16	0 34	20 4	1 46	21 50	0 3	16 31	1 7	11 58	1 14	19 44	0 15	9 4	1 38	4 22	15 11	0 49	0 39	15 6	11 37	0 22					
S 30	23n 7	15n59	4s31	19n53	0n23	19n46	1n47	21n57	0s 3	16s31	1n 6	11s58	1s14	19n44	0s15	9s 4	1n38	4n22	15s11	0n51	0n41	15s 5	11n38	0n22					

Julian Day Number = 2674858.5, Delta T = 20m57s

Ecliptic obliquity = 23°21'26", Nutation = - 0°00'01"

Ayanamsha: Fagan/Bradley = 33°17'32", Lahiri = 32°24'32"



## ASTRODIENST EPHEMERIS for the year 2611

AUGUST 2611

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 35 53	8♂28'33	9♂52	28°R31	16♂29	3♂14	19♂31	0°R10	0♂48	27♂45	26♂15	25°R 1	26♂36	7♂47	0♂ 5	T 1
F 2	20 39 50	9°25'52	25° 5	28♂11	17°39	3°55	19°33	0°H 6	0°50	27°45	26°15	24♂56	26°33	7°54	0° 5	F 2
S 3	20 43 46	10°23'12	10♂4	27°56	18°48	4°36	19°36	0° 2	0°52	27°46	26°16	24°54	26°30	8° 1	0°R 5	S 3
S 4	20 47 43	11°20'33	24°43	27°47	19°58	5°17	19°39	29♂58	0°53	27°47	26°16	24°D53	26°27	8° 7	0° 5	S 4
M 5	20 51 39	12°17'54	8♂57	27°D43	21° 8	5°58	19°42	29°54	0°55	27°48	26°17	24°53	26°23	8°14	0° 5	M 5
T 6	20 55 36	13°15'15	22°43	27°45	22°18	6°39	19°46	29°50	0°57	27°49	26°17	24°55	26°20	8°21	0° 5	T 6
W 7	20 59 32	14°12'36	6♂4	27°53	23°27	7°19	19°49	29°45	0°58	27°49	26°17	24°56	26°17	8°27	0° 5	W 7
T 8	21 3 29	15° 9'58	19° 2	28° 7	24°36	8° 0	19°53	29°41	1° 0	27°50	26°18	24°R56	26°14	8°34	0° 5	T 8
F 9	21 7 25	16° 7'21	1♂40	28°26	25°46	8°41	19°57	29°37	1° 1	27°51	26°18	24°55	26°11	8°41	0° 4	F 9
S 10	21 11 22	17° 4'44	14° 2	28°53	26°55	9°21	20° 1	29°32	1° 2	27°52	26°19	24°52	26° 7	8°47	0° 4	S 10
S 11	21 15 19	18° 2'07	26°12	29°25	28° 4	10° 2	20° 5	29°28	1° 4	27°53	26°19	24°47	26° 4	8°54	0° 4	S 11
M12	21 19 15	18°59'31	8♂13	0♂4	29°13	10°42	20°10	29°24	1° 5	27°54	26°19	24°42	26° 1	9° 1	0° 3	M12
T13	21 23 12	19°56'56	20° 8	0°48	0♂22	11°22	20°14	29°19	1° 6	27°55	26°19	24°36	25°58	9° 7	0° 3	T13
W14	21 27 8	20°54'21	1♂59	1°39	1°31	12° 3	20°19	29°15	1° 7	27°56	26°20	24°29	25°55	9°14	0° 2	W14
T15	21 31 5	21°51'47	13°50	2°36	2°40	12°43	20°24	29°11	1° 9	27°58	26°20	24°24	25°52	9°21	0° 2	T15
F16	21 35 1	22°49'14	25°41	3°38	3°48	13°23	20°29	29° 6	1°10	27°59	26°20	24°20	25°48	9°28	0° 1	F16
S17	21 38 58	23°46'42	7♂35	4°47	4°57	14° 3	20°34	29° 2	1°11	28° 0	26°20	24°17	25°45	9°34	0° 0	S17
S18	21 42 54	24°44'11	19°34	6° 1	6° 5	14°43	20°39	28°57	1°12	28° 1	26°21	24°D16	25°42	9°41	29°V59	S18
M19	21 46 51	25°41'41	1°V39	7°20	7°14	15°23	20°45	28°53	1°13	28° 2	26°21	24°16	25°39	9°48	29°59	M19
T20	21 50 48	26°39'13	13°55	8°44	8°22	16° 3	20°50	28°48	1°14	28° 4	26°21	24°17	25°36	9°54	29°58	T20
W21	21 54 44	27°36'45	26°23	10°14	9°30	16°43	20°56	28°44	1°14	28° 5	26°21	24°19	25°32	10° 1	29°57	W21
T22	21 58 41	28°34'19	9♂7	11°47	10°38	17°22	21° 2	28°39	1°15	28° 6	26°21	24°20	25°29	10° 8	29°56	T22
F23	22 2 37	29°31'54	22°11	13°26	11°46	18° 2	21° 8	28°35	1°16	28° 7	26°21	24°21	25°26	10°14	29°55	F23
S24	22 6 34	0♂29'31	5♂38	15° 8	12°54	18°42	21°14	28°30	1°17	28° 9	26°21	24°R21	25°23	10°21	29°54	S24
S25	22 10 30	1°27'09	19°28	16°53	14° 1	19°21	21°20	28°26	1°17	28°10	26°21	24°20	25°20	10°28	29°53	S25
M26	22 14 27	2°24'49	3♂43	18°42	15° 9	20° 1	21°27	28°21	1°18	28°12	26°21	24°19	25°17	10°34	29°52	M26
T27	22 18 23	3°22'30	18°20	20°34	16°16	20°40	21°34	28°17	1°19	28°13	26°R21	24°16	25°13	10°41	29°51	T27
W28	22 22 20	4°20'13	3♂14	22°28	17°23	21°19	21°40	28°13	1°19	28°14	26°21	24°13	25°10	10°48	29°50	W28
T29	22 26 17	5°17'57	18°18	24°24	18°30	21°59	21°47	28° 8	1°20	28°16	26°21	24°11	25° 7	10°54	29°48	T29
F30	22 30 13	6°15'42	3♂24	26°22	19°37	22°38	21°54	28° 4	1°20	28°17	26°21	24° 9	25° 4	11° 1	29°47	F30
S31	22 34 10	7♂13'29	18♂22	28♂20	20♂44	23♂17	22♂1	27♂59	1♂20	28♂19	26♂21	24°D 9	25♂1	11♂8	29°V45	S31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	18n 5	14n12	3s39	15n49	4s40	6n28	1n14	23n40	0n20	16s37	0n58	12s37	1s19	20n 0	0s15	9s 8	1n37
F 2	17 50	10 42	2 34	16 1	4 31	5 58	1 12	23 39	0 21	16 38	0 58	12 38	1 19	20 1	0 15	9 8	1 37
S 3	17 35	6 32	1 19	16 14	4 22	5 29	1 9	23 39	0 22	16 39	0 58	12 40	1 19	20 1	0 15	9 8	1 37
S 4	17 19	2 5	0 1	16 26	4 10	4 59	1 7	23 38	0 23	16 40	0 58	12 41	1 20	20 1	0 15	9 9	1 37
M 5	17 3	2s22	1n16	16 39	3 58	4 29	1 4	23 37	0 23	16 41	0 57	12 43	1 20	20 2	0 15	9 9	1 36
T 6	16 47	6 33	2 25	16 52	3 45	3 59	1 1	23 36	0 24	16 42	0 57	12 44	1 20	20 2	0 15	9 9	1 36
W 7	16 31	10 16	3 25	17 4	3 31	3 29	0 58	23 34	0 25	16 43	0 57	12 46	1 20	20 2	0 15	9 10	1 36
T 8	16 14	13 22	4 12	17 15	3 17	2 59	0 55	23 33	0 26	16 44	0 57	12 48	1 20	20 3	0 15	9 10	1 36
F 9	15 57	15 45	4 46	17 26	3 2	2 29	0 52	23 31	0 26	16 46	0 56	12 49	1 20	20 3	0 15	9 11	1 36
S10	15 40	17 21	5 5	17 36	2 46	1 58	0 49	23 29	0 27	16 47	0 56	12 51	1 20	20 3	0 15	9 11	1 36
S11	15 22	18 8	5 11	17 45	2 31	1 28	0 46	23 27	0 28	16 48	0 56	12 52	1 20	20 3	0 15	9 11	1 36
M12	15 5	18 4	5 2	17 52	2 15	0 58	0 43	23 24	0 29	16 50	0 56	12 54	1 20	20 4	0 15	9 12	1 36
T13	14 47	17 13	4 41	17 58	1 59	0 27	0 39	23 22	0 29	16 51	0 56	12 56	1 21	20 4	0 15	9 12	1 36
W14	14 29	15 38	4 7	18 3	1 43	0s 3	0 36	23 19	0 30	16 53	0 55	12 57	1 21	20 4	0 15	9 13	1 36
T15	14 10	13 22	3 23	18 6	1 27	0 34	0 32	23 16	0 31	16 54	0 55	12 59	1 21	20 4	0 15	9 13	1 36
F16	13 52	10 33	2 30	18 7	1 11	1 4	0 29	23 13	0 32	16 56	0 55	13 1	1 21	20 5	0 15	9 13	1 36
S17	13 33	7 18	1 30	18 6	0 56	1 35	0 25	23 9	0 32	16 57	0 55	13 2	1 21	20 5	0 15	9 14	1 36
S18	13 14	3 43	0 26	18 3	0 41	2 5	0 21	23 6	0 33	16 59	0 54	13 4	1 21	20 5	0 15	9 14	1 36
M19	12 55	0n 2	0s41	17 57	0 26	2 35	0 18	23 2	0 34	17 0	0 54	13 6	1 21	20 5	0 15	9 15	1 36
T20	12 35	3 50	1 46	17 49	0 12	3 6	0 14	22 58	0 35	17 2	0 54	13 7	1 21	20 5	0 15	9 15	1 36
W21	12 16	7 33	2 48	17 38	0n 1	3 36	0 10	22 54	0 35	17 4	0 54	13 9	1 21	20 6	0 15	9 16	1 36
T22	11 56	10 58	3 42	17 25	0 14	4 6	0 6	22 50	0 36	17 6	0 53	13 10	1 21	20 6	0 15	9 16	1 36
F23	11 36	13 57	4 27	17 9	0 26	4 37	0 2	22 45	0 37	17 7	0 53	13 12	1 21	20 6	0 15	9 17	1 36
S24	11 16	16 16	4 59	16 51	0 38	5 7	0s 2	22 41	0 37	17 9	0 53	13 14	1 22	20 6	0 15	9 17	1 36
S25	10 55	17 43	5 14	16 29	0 48	5 37	0 7	22 36	0 38	17 11	0 53	13 15	1 22	20 6	0 15	9 18	1 36
M26	10 35	18 8	5 11	16 5	0 58	6 7	0 11	22 31	0 39	17 13	0 53	13 17	1 22	20 6	0 15	9 18	1 36
T27	10 14	17 21	4 48	15 38	1 7	6 37	0 15	22 26	0 40	17 15	0 52	13 19	1 22	20 6	0 15	9 19	1 36
W28	9 53	15 23	4 5	15 9	1 15	7 6	0 19	22 20	0 40	17 17	0 52	13 20	1 22	20 6	0 15	9 20	1 35
T29	9 32	12 21	3 5	14 38	1 22	7 36	0 24	22 15	0 41	17 19	0 52	13 22	1 22	20 7	0 15	9 20	1 35
F30	9 11	8 29	1 52	14 4	1 28	8 5	0 28	22 9	0 42	17 21	0 52	13 23	1 22	20 7	0 15	9 21	1 35
S31	8n50	4n 6	0s32	13n28	1n33	8s35	0s33	22n 3	0n43	17s23	0n51	13s25	1s22	20n 7	0s15	9s21	1n35

Julian Day Number = 2674919.5, Delta T = 20m58s

Ecliptic obliquity = 23°21'26, Nutation = 0°00'00

Ayanamsha: Fagan/Bradley = 33°17'40, Lahiri = 32°24'40

# ASTRODIENST EPHEMERIS for the year 2611

SEPTEMBER 2611

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 38 6	8♐11'17	3♌4	0♈20	21♌51	23♌56	22♌9	27°R55	1♐21	28♌21	26°R21	24♐9	24♐58	11♌14	29°R44	S 1
M 2	22 42 3	9° 9'06	17°24	2°20	22°57	24°35	22°16	27°46	1°21	28°22	26°R21	24° 9	24°54	11°21	29°Y43	M 2
T 3	22 45 59	10° 6'57	1♐18	4°20	24° 4	25°14	22°24	27°46	1°21	28°24	26°21	24°11	24°51	11°28	29°41	T 3
W 4	22 49 56	11° 4'48	14°46	6°21	25°10	25°53	22°31	27°42	1°21	28°25	26°21	24°12	24°48	11°34	29°40	W 4
T 5	22 53 52	12° 2'41	27°49	8°21	26°16	26°32	22°39	27°38	1°21	28°27	26°21	24°12	24°45	11°41	29°38	T 5
F 6	22 57 49	13° 0'35	10♌29	10°20	27°22	27°11	22°47	27°33	1°21	28°29	26°20	24°R13	24°42	11°48	29°36	F 6
S 7	23 1 45	13°58'31	22°52	12°19	28°28	27°49	22°55	27°29	1°R21	28°30	26°20	24°13	24°38	11°55	29°35	S 7
S 8	23 5 42	14°56'27	5♌0	14°17	29°33	28°28	23° 3	27°25	1°21	28°32	26°20	24°12	24°35	12° 1	29°33	S 8
M 9	23 9 39	15°54'25	16°58	16°14	0♐39	29° 6	23°12	27°21	1°21	28°34	26°20	24°11	24°32	12° 8	29°31	M 9
T 10	23 13 35	16°52'24	28°50	18°10	1°44	29°45	23°20	27°17	1°21	28°36	26°19	24°10	24°29	12°15	29°29	T 10
W 11	23 17 32	17°50'24	10♌40	20° 6	2°49	0♐23	23°29	27°13	1°21	28°37	26°19	24° 9	24°26	12°21	29°27	W 11
T 12	23 21 28	18°48'26	22°32	22° 0	3°54	1° 1	23°37	27° 9	1°21	28°39	26°19	24° 9	24°23	12°28	29°25	T 12
F 13	23 25 25	19°46'30	4♌27	23°53	4°58	1°40	23°46	27° 5	1°20	28°41	26°18	24° 8	24°19	12°35	29°24	F 13
S 14	23 29 21	20°44'35	16°28	25°44	6° 3	2°18	23°55	27° 1	1°20	28°43	26°18	24° 8	24°16	12°41	29°22	S 14
S 15	23 33 18	21°42'41	28°37	27°35	7° 7	2°56	24° 4	26°57	1°20	28°45	26°18	24°D 8	24°13	12°48	29°20	S 15
M 16	23 37 14	22°40'49	10♐56	29°24	8°11	3°34	24°13	26°53	1°19	28°47	26°17	24° 8	24°10	12°55	29°18	M 16
T 17	23 41 11	23°38'59	23°27	1♌12	9°15	4°12	24°22	26°49	1°19	28°48	26°17	24°R 8	24° 7	13° 1	29°15	T 17
W 18	23 45 8	24°37'11	6♌10	2°59	10°18	4°50	24°31	26°46	1°18	28°50	26°16	24° 8	24° 3	13° 8	29°13	W 18
T 19	23 49 4	25°35'25	19° 7	4°45	11°21	5°28	24°41	26°42	1°18	28°52	26°16	24° 8	24° 0	13°15	29°11	T 19
F 20	23 53 1	26°33'40	2♐20	6°30	12°24	6° 5	24°50	26°38	1°17	28°54	26°15	24° 8	23°57	13°21	29° 9	F 20
S 21	23 56 57	27°31'58	15°50	8°13	13°27	6°43	25° 0	26°35	1°16	28°56	26°15	24° 8	23°54	13°28	29° 7	S 21
S 22	0 0 54	28°30'18	29°37	9°55	14°30	7°21	25°10	26°31	1°16	28°58	26°14	24°D 7	23°51	13°35	29° 4	S 22
M 23	0 4 50	29°28'40	13♌40	11°37	15°32	7°58	25°20	26°28	1°15	29° 0	26°14	24° 8	23°48	13°41	29° 2	M 23
T 24	0 8 47	0♌27'04	28° 0	13°17	16°34	8°35	25°30	26°25	1°14	29° 2	26°13	24° 8	23°44	13°48	29° 0	T 24
W 25	0 12 43	1°25'30	12♌33	14°56	17°36	9°13	25°40	26°21	1°13	29° 4	26°13	24° 9	23°41	13°55	28°58	W 25
T 26	0 16 40	2°23'58	27°15	16°34	18°37	9°50	25°50	26°18	1°12	29° 6	26°12	24° 9	23°38	14° 1	28°55	T 26
F 27	0 20 37	3°22'29	12♐0	18°10	19°38	10°27	26° 0	26°15	1°11	29° 8	26°12	24°10	23°35	14° 8	28°53	F 27
S 28	0 24 33	4°21'01	26°42	19°46	20°39	11° 4	26°10	26°12	1°10	29°10	26°11	24°R10	23°32	14°15	28°50	S 28
S 29	0 28 30	5°19'35	11♌13	21°21	21°39	11°41	26°21	26° 9	1° 9	29°12	26°10	24°10	23°29	14°21	28°48	S 29
M 30	0 32 26	6♌18'11	25♌28	22°55	22♐40	12♌18	26♐31	26° 6	1♐ 8	29°14	26°10	24° 9	23°25	14°28	28°Y45	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	8n28	0s28	0n49	12n50	1n37	9s 4	0s37	21n58	0n43	17s25	0n51	13s26	1s22	20n 7	0s15	9s22
M 2	8 7	4 53	2 5	12 10	1 40	9 33	0 42	21 51	0 44	17 27	0 51	13 28	1 22	20 7	0 15	9 22
T 3	7 45	8 53	3 12	11 29	1 43	10 2	0 47	21 45	0 45	17 29	0 51	13 30	1 22	20 7	0 15	9 23
W 4	7 23	12 18	4 5	10 46	1 45	10 30	0 51	21 39	0 46	17 31	0 51	13 31	1 22	20 7	0 15	9 24
T 5	7 1	14 59	4 44	10 3	1 46	10 59	0 56	21 32	0 46	17 33	0 50	13 33	1 22	20 7	0 15	9 24
F 6	6 39	16 52	5 8	9 18	1 46	11 27	1 1	21 25	0 47	17 36	0 50	13 34	1 22	20 7	0 15	9 25
S 7	6 17	17 53	5 17	8 32	1 45	11 55	1 6	21 19	0 48	17 38	0 50	13 36	1 22	20 7	0 15	9 25
S 8	5 55	18 5	5 11	7 46	1 44	12 23	1 11	21 12	0 49	17 40	0 50	13 37	1 22	20 7	0 15	9 26
M 9	5 32	17 27	4 52	6 59	1 42	12 50	1 16	21 4	0 49	17 42	0 50	13 38	1 22	20 7	0 15	9 27
T 10	5 10	16 4	4 21	6 12	1 40	13 18	1 20	20 57	0 50	17 45	0 49	13 40	1 22	20 7	0 15	9 27
W 11	4 47	13 59	3 39	5 24	1 37	13 45	1 25	20 50	0 51	17 47	0 49	13 41	1 22	20 7	0 15	9 28
T 12	4 25	11 20	2 47	4 36	1 34	14 11	1 30	20 42	0 52	17 49	0 49	13 43	1 22	20 7	0 15	9 29
F 13	4 2	8 11	1 47	3 48	1 30	14 38	1 35	20 35	0 53	17 52	0 49	13 44	1 22	20 7	0 15	9 29
S 14	3 39	4 40	0 42	3 0	1 26	15 4	1 40	20 27	0 53	17 54	0 49	13 45	1 22	20 7	0 15	9 30
S 15	3 17	0 56	0s25	2 12	1 21	15 30	1 45	20 19	0 54	17 56	0 49	13 47	1 22	20 6	0 15	9 31
M 16	2 54	2n54	1 32	1 24	1 16	15 56	1 50	20 11	0 55	17 59	0 48	13 48	1 22	20 6	0 15	9 31
T 17	2 31	6 40	2 36	0 37	1 11	16 21	1 56	20 3	0 56	18 1	0 48	13 49	1 22	20 6	0 15	9 32
W 18	2 8	10 11	3 33	0s11	1 5	16 46	2 1	19 54	0 56	18 4	0 48	13 51	1 22	20 6	0 15	9 33
T 19	1 45	13 16	4 20	0 58	1 0	17 11	2 6	19 46	0 57	18 6	0 48	13 52	1 22	20 6	0 15	9 33
F 20	1 22	15 44	4 55	1 45	0 54	17 35	2 11	19 37	0 58	18 9	0 48	13 53	1 22	20 6	0 15	9 34
S 21	0 59	17 24	5 14	2 31	0 47	17 59	2 16	19 29	0 59	18 11	0 47	13 54	1 22	20 6	0 15	9 35
S 22	0 36	18 5	5 16	3 18	0 41	18 23	2 21	19 20	0 59	18 14	0 47	13 55	1 22	20 6	0 15	9 36
M 23	0 12	17 42	4 59	4 3	0 34	18 46	2 26	19 11	1 0	18 16	0 47	13 57	1 22	20 5	0 15	9 36
T 24	0s11	16 11	4 24	4 48	0 27	19 9	2 31	19 2	1 1	18 19	0 47	13 58	1 22	20 5	0 15	9 37
W 25	0 34	13 36	3 31	5 33	0 20	19 31	2 36	18 53	1 2	18 21	0 47	13 59	1 22	20 5	0 15	9 38
T 26	0 57	10 8	2 24	6 17	0 13	19 53	2 41	18 44	1 2	18 24	0 47	14 0	1 22	20 5	0 15	9 39
F 27	1 20	6 0	1 7	7 1	0 6	20 15	2 46	18 34	1 3	18 26	0 46	14 1	1 22	20 5	0 15	9 39
S 28	1 43	1 31	0n14	7 44	0s 1	20 36	2 51	18 25	1 4	18 29	0 46	14 2	1 22	20 5	0 15	9 40
S 29	2 7	3s 0	1 33	8 26	0 9	20 57	2 56	18 16	1 5	18 31	0 46	14 3	1 22	20 4	0 15	9 41
M 30	2s30	7s15	2n45	9s 8	0s16	21s18	3s 1	18n 6	1n 6	18s34	0n46	14s 4	1s22	20n 4	0s15	9s41

Julian Day Number = 2674950.5, Delta T = 20m58s  
 Ecliptic obliquity = 23°21'27", Nutation = - 0°00'01"  
 Ayanamsha: Fagan/Bradley = 33°17'44", Lahiri = 32°24'44"

## ASTRODIENST EPHEMERIS for the year 2611

OCTOBER 2611

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 36 23	7♂16'48	9♂22	24♂28	23♂40	12♂55	26♂42	26°R 3	1°R 7	29♂17	26°R 9	24°R 7	23♂22	14♂35	28°R43	T 1
W 2	0 40 19	8°15'28	22°53	25°59	24°39	13°32	26°52	26°R 1	1°R 6	29°19	26°R 8	24°R 5	23°19	14°41	28°R40	W 2
T 3	0 44 16	9°14'09	5♂59	27°30	25°38	14° 9	27° 3	25°58	1° 5	29°21	26° 8	24° 3	23°16	14°48	28°R38	T 3
F 4	0 48 12	10°12'52	18°44	29° 0	26°37	14°45	27°14	25°55	1° 3	29°23	26° 7	24° 2	23°13	14°55	28°R35	F 4
S 5	0 52 9	11°11'37	1♂8	0♂29	27°35	15°22	27°25	25°53	1° 2	29°25	26° 6	24° 1	23° 9	15° 1	28°R33	S 5
S 6	0 56 5	12°10'23	13°18	1°57	28°33	15°58	27°36	25°50	1° 1	29°27	26° 5	24°D 0	23° 6	15° 8	28°R30	S 6
M 7	1 0 2	13° 9'11	25°16	3°23	29°31	16°35	27°47	25°48	0°59	29°29	26° 5	24° 1	23° 3	15°15	28°R27	M 7
T 8	1 3 59	14° 8'01	7♂7	4°49	0♂28	17°11	27°58	25°46	0°58	29°31	26° 4	24° 2	23° 0	15°22	28°R25	T 8
W 9	1 7 55	15° 6'52	18°57	6°14	1°25	17°47	28° 9	25°44	0°56	29°34	26° 3	24° 3	22°57	15°28	28°R22	W 9
T 10	1 11 52	16° 5'45	0♂50	7°37	2°21	18°23	28°20	25°42	0°55	29°36	26° 2	24° 5	22°54	15°35	28°R19	T 10
F 11	1 15 48	17° 4'40	12°49	9° 0	3°16	18°59	28°32	25°40	0°53	29°38	26° 1	24° 6	22°50	15°42	28°R17	F 11
S 12	1 19 45	18° 3'36	24°59	10°21	4°11	19°35	28°43	25°38	0°52	29°40	26° 1	24°R 7	22°47	15°48	28°R14	S 12
S 13	1 23 41	19° 2'35	7♂21	11°41	5° 6	20°11	28°55	25°36	0°50	29°42	26° 0	24° 6	22°44	15°55	28°R11	S 13
M14	1 27 38	20° 1'36	19°57	13° 0	6° 0	20°46	29° 6	25°34	0°48	29°45	25°59	24° 4	22°41	16° 2	28° 9	M14
T 15	1 31 34	21° 0'38	2♂48	14°18	6°54	21°22	29°18	25°33	0°47	29°47	25°58	24° 1	22°38	16° 8	28° 6	T 15
W16	1 35 31	21°59'43	15°53	15°34	7°47	21°58	29°30	25°31	0°45	29°49	25°57	23°57	22°35	16°15	28° 3	W16
T 17	1 39 28	22°58'49	29°13	16°49	8°39	22°33	29°41	25°30	0°43	29°51	25°56	23°52	22°31	16°22	28° 0	T 17
F 18	1 43 24	23°57'58	12♂45	18° 3	9°31	23° 8	29°53	25°29	0°41	29°53	25°55	23°48	22°28	16°28	27°58	F 18
S 19	1 47 21	24°57'10	26°29	19°14	10°22	23°44	0♂5	25°27	0°39	29°56	25°54	23°44	22°25	16°35	27°55	S 19
S 20	1 51 17	25°56'23	10♂22	20°24	11°12	24°19	0°17	25°26	0°37	29°58	25°53	23°42	22°22	16°42	27°52	S 20
M21	1 55 14	26°55'39	24°24	21°32	12° 2	24°54	0°29	25°25	0°35	0♂0	25°52	23°D41	22°19	16°48	27°49	M21
T 22	1 59 10	27°54'57	8♂23	22°39	12°50	25°29	0°41	25°24	0°34	0° 2	25°51	23°41	22°15	16°55	27°47	T 22
W23	2 3 7	28°54'18	22°46	23°43	13°39	26° 4	0°53	25°23	0°32	0° 5	25°50	23°42	22°12	17° 2	27°44	W23
T 24	2 7 3	29°53'40	7♂4	24°44	14°26	26°38	1° 5	25°23	0°30	0° 7	25°50	23°44	22° 9	17° 8	27°41	T 24
F 25	2 11 0	0♂53'05	21°22	25°43	15°12	27°13	1°18	25°22	0°27	0° 9	25°49	23°R45	22° 6	17°15	27°38	F 25
S 26	2 14 57	1°52'32	5♂38	26°39	15°58	27°48	1°30	25°22	0°25	0°11	25°47	23°44	22° 3	17°22	27°36	S 26
S 27	2 18 53	2°52'01	19°46	27°32	16°43	28°22	1°42	25°21	0°23	0°14	25°46	23°42	22° 0	17°28	27°33	S 27
M28	2 22 50	3°51'33	3♂44	28°22	17°27	28°56	1°55	25°21	0°21	0°16	25°45	23°37	21°56	17°35	27°30	M28
T 29	2 26 46	4°51'06	17°26	29° 7	18° 9	29°31	2° 7	25°21	0°19	0°18	25°44	23°31	21°53	17°42	27°27	T 29
W30	2 30 43	5°50'42	0♂50	29°49	18°51	0♂5	2°20	25°20	0°17	0°20	25°43	23°24	21°50	17°48	27°25	W30
T 31	2 34 39	6♂50'19	13♂54	0♂26	19♂32	0♂39	2♂32	25°D20	0♂15	0♂22	25♂42	23♂16	21♂47	17♂55	27♂22	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
T 1	2s53	11s 0	3n45	9s49	0s24	21s38	3s 6	17n56	1n 6	18s36	0n46	14s 5	1s22	20n 4	0s15	9s42
W 2	3 16	14 4	4 31	10 30	0 31	21 57	3 11	17 47	1 7	18 39	0 46	14 6	1 22	20 4	0 15	9 43
T 3	3 39	16 18	5 1	11 9	0 39	22 16	3 16	17 37	1 8	18 42	0 45	14 7	1 22	20 3	0 15	9 44
F 4	4 2	17 39	5 15	11 48	0 46	22 35	3 21	17 27	1 9	18 44	0 45	14 7	1 22	20 3	0 15	9 45
S 5	4 25	18 7	5 14	12 27	0 54	22 53	3 26	17 17	1 10	18 47	0 45	14 8	1 22	20 3	0 15	9 46
S 6	4 48	17 45	4 59	13 4	1 1	23 11	3 30	17 7	1 10	18 50	0 45	14 9	1 22	20 3	0 15	9 46
M 7	5 11	16 35	4 31	13 41	1 9	23 29	3 35	16 57	1 11	18 52	0 45	14 10	1 22	20 2	0 15	9 47
T 8	5 33	14 42	3 51	14 17	1 16	23 45	3 40	16 47	1 12	18 55	0 45	14 11	1 22	20 2	0 15	9 48
W 9	5 56	12 12	3 2	14 52	1 24	24 2	3 44	16 36	1 13	18 57	0 45	14 11	1 22	20 2	0 15	9 48
T 10	6 19	9 12	2 5	15 26	1 31	24 18	3 49	16 26	1 14	19 0	0 44	14 12	1 22	20 1	0 15	9 49
F 11	6 41	5 46	1 2	16 0	1 38	24 33	3 53	16 16	1 14	19 3	0 44	14 13	1 22	20 1	0 15	9 50
S 12	7 4	2 4	0s 5	16 32	1 45	24 48	3 58	16 5	1 15	19 5	0 44	14 13	1 22	20 1	0 15	9 51
S 13	7 26	1n48	1 12	17 4	1 52	25 2	4 2	15 55	1 16	19 8	0 44	14 14	1 22	20 0	0 15	9 51
M14	7 48	5 39	2 17	17 35	1 59	25 16	4 6	15 44	1 17	19 11	0 44	14 14	1 22	20 0	0 15	9 52
T 15	8 10	9 19	3 17	18 4	2 5	25 30	4 10	15 33	1 18	19 13	0 44	14 15	1 22	20 0	0 15	9 53
W16	8 32	12 36	4 7	18 33	2 12	25 43	4 14	15 23	1 18	19 16	0 44	14 15	1 22	19 59	0 15	9 54
T 17	8 54	15 17	4 44	19 1	2 18	25 55	4 18	15 12	1 19	19 18	0 43	14 16	1 22	19 59	0 15	9 55
F 18	9 16	17 10	5 7	19 27	2 24	26 7	4 22	15 1	1 20	19 21	0 43	14 16	1 22	19 59	0 15	9 55
S 19	9 38	18 6	5 12	19 53	2 30	26 18	4 26	14 50	1 21	19 24	0 43	14 16	1 22	19 58	0 15	9 56
S 20	9 59	17 59	5 0	20 17	2 35	26 29	4 29	14 39	1 22	19 26	0 43	14 17	1 21	19 58	0 15	9 57
M21	10 21	16 45	4 29	20 40	2 41	26 40	4 33	14 28	1 22	19 29	0 43	14 17	1 21	19 57	0 15	9 58
T 22	10 42	14 29	3 42	21 2	2 46	26 49	4 36	14 17	1 23	19 32	0 43	14 17	1 21	19 57	0 15	9 58
W23	11 3	11 20	2 41	21 23	2 50	26 59	4 39	14 6	1 24	19 34	0 43	14 17	1 21	19 57	0 15	9 59
T 24	11 24	7 30	1 30	21 42	2 54	27 8	4 42	13 55	1 25	19 37	0 43	14 18	1 21	19 56	0 15	10 0
F 25	11 45	3 13	0 13	22 0	2 58	27 16	4 45	13 44	1 26	19 39	0 42	14 18	1 21	19 56	0 15	10 1
S 26	12 5	1s15	1n 4	22 17	3 1	27 24	4 48	13 33	1 27	19 42	0 42	14 18	1 21	19 55	0 15	10 1
S 27	12 25	5 36	2 17	22 32	3 4	27 31	4 51	13 22	1 27	19 45	0 42	14 18	1 21	19 55	0 15	10 2
M28	12 46	9 35	3 20	22 45	3 6	27 38	4 53	13 11	1 28	19 47	0 42	14 18	1 21	19 54	0 15	10 3
T 29	13 6	12 58	4 10	22 57	3 8	27 44	4 55	13 0	1 29	19 50	0 42	14 18	1 21	19 54	0 15	10 4
W30	13 25	15 36	4 46	23 7	3 9	27 50	4 57	12 49	1 30	19 52	0 42	14 18	1 21	19 53	0 15	10 5
T 31	13s45	17s21	5n 5	23s15	3s 9	27s55	4s59	12n38	1n31	19s55	0n42	14s18	1s21	19n53	0s15	10s 5

Julian Day Number = 2674980.5, Delta T = 20m58s

Ecliptic obliquity = 23°21'27", Nutation = - 0°00'03"

Ayanamsha: Fagan/Bradley = 33°17'49", Lahiri = 32°24'49"

# ASTRODIENST EPHEMERIS for the year 2611

NOVEMBER 2611

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	2 38 36	7♈49'58	26♈38	0♈58	20♈12	1♈12	2♈45	25♈21	0♈R12	0♈L25	25°R41	23°R 9	21♈44	18♈2	27°R19	F 1
S 2	2 42 32	8°49'39	9♈3	1°24	20°50	1°46	2°57	25°21	0♈II10	0°27	25♈40	23♈3	21°40	18°8	27°V17	S 2
S 3	2 46 29	9°49'21	21°13	1°44	21°28	2°20	3°10	25°21	0°8	0°29	25°39	22°59	21°37	18°15	27°14	S 3
M 4	2 50 25	10°49'05	3♈11	1°57	22°4	2°53	3°23	25°21	0°6	0°31	25°38	22°57	21°34	18°22	27°11	M 4
T 5	2 54 22	11°48'51	15°2	2°R 3	22°38	3°27	3°36	25°22	0°3	0°34	25°37	22°D57	21°31	18°28	27°9	T 5
W 6	2 58 19	12°48'39	26°51	2°1	23°12	4°0	3°48	25°22	0°1	0°36	25°36	22°58	21°28	18°35	27°6	W 6
T 7	3 2 15	13°48'28	8♈45	1°51	23°44	4°33	4°1	25°23	29♈58	0°38	25°35	22°59	21°25	18°42	27°3	T 7
F 8	3 6 12	14°48'19	20°46	1°32	24°14	5°6	4°14	25°24	29°56	0°40	25°34	23°R 0	21°21	18°48	27°1	F 8
S 9	3 10 8	15°48'11	3♈1	1°3	24°43	5°39	4°27	25°25	29°54	0°42	25°33	22°59	21°18	18°55	26°58	S 9
S 10	3 14 5	16°48'05	15°33	0°25	25°11	6°12	4°40	25°26	29°51	0°44	25°31	22°57	21°15	19°2	26°56	S 10
M11	3 18 1	17°48'01	28°24	29♈38	25°36	6°44	4°53	25°27	29°49	0°47	25°30	22°52	21°12	19°8	26°53	M11
T 12	3 21 58	18°47'59	11♈35	28°43	26°0	7°17	5°6	25°28	29°46	0°49	25°29	22°45	21°9	19°15	26°51	T 12
W13	3 25 54	19°47'59	25°5	27°39	26°23	7°49	5°19	25°29	29°44	0°51	25°28	22°36	21°6	19°22	26°48	W13
T 14	3 29 51	20°48'00	8♈II5	26°28	26°43	8°21	5°32	25°31	29°42	0°53	25°27	22°26	21°2	19°28	26°46	T 14
F 15	3 33 48	21°48'04	22°51	25°13	27°1	8°53	5°45	25°32	29°39	0°55	25°26	22°16	20°59	19°35	26°43	F 15
S 16	3 37 44	22°48'09	6♈59	23°54	27°18	9°25	5°58	25°34	29°37	0°57	25°25	22°7	20°56	19°42	26°41	S 16
S 17	3 41 41	23°48'17	21°10	22°36	27°32	9°57	6°11	25°36	29°34	0°59	25°24	22°1	20°53	19°48	26°38	S 17
M18	3 45 37	24°48'26	5♈Ω23	21°19	27°45	10°28	6°24	25°38	29°32	1°2	25°23	21°57	20°50	19°55	26°36	M18
T 19	3 49 34	25°48'38	19°32	20°7	27°55	11°0	6°38	25°39	29°29	1°4	25°21	21°55	20°46	20°2	26°34	T 19
W20	3 53 30	26°48'51	3♈38	19°1	28°3	11°31	6°51	25°41	29°27	1°6	25°20	21°D55	20°43	20°8	26°31	W20
T 21	3 57 27	27°49'07	17°39	18°4	28°9	12°2	7°4	25°44	29°24	1°8	25°19	21°R56	20°40	20°15	26°29	T 21
F 22	4 1 23	28°49'24	1♈35	17°18	28°12	12°33	7°17	25°46	29°22	1°10	25°18	21°55	20°37	20°22	26°27	F 22
S 23	4 5 20	29°49'43	15°24	16°42	28°R14	13°4	7°30	25°48	29°19	1°12	25°17	21°53	20°34	20°28	26°25	S 23
S 24	4 9 17	0♈50'05	29°6	16°18	28°12	13°35	7°44	25°50	29°17	1°14	25°16	21°48	20°31	20°35	26°23	S 24
M25	4 13 13	1°50'28	12♈39	16°6	28°9	14°5	7°57	25°53	29°14	1°16	25°15	21°40	20°27	20°42	26°20	M25
T 26	4 17 10	2°50'53	26°0	16°D 6	28°3	14°35	8°10	25°55	29°12	1°18	25°14	21°30	20°24	20°48	26°18	T 26
W27	4 21 6	3°51'19	9♈8	16°16	27°54	15°6	8°24	25°58	29°9	1°20	25°12	21°18	20°21	20°55	26°16	W27
T 28	4 25 3	4°51'48	22°0	16°36	27°43	15°36	8°37	26°1	29°7	1°22	25°11	21°4	20°18	21°2	26°14	T 28
F 29	4 28 59	5°52'17	4♈37	17°6	27°30	16°5	8°50	26°4	29°4	1°24	25°10	20°52	20°15	21°8	26°12	F 29
S 30	4 32 56	6♈52'48	16♈58	17♈43	27♈14	16♈35	9♈4	26°8	29°8	1°26	25°9	20°41	20°12	21°15	26°V10	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14s 4	18s11	5n 8	23s21	3s 8	28s 0	5s 1	12n26	1n32	19s57	0n42	14s18	1s21	19n53	0s15	F 1
S 2	14 24	18 7	4 57	23 24	3 6	28 4	5 2	12 15	1 33	20 0	0 41	14 18	1 21	19 52	0 15	S 2
S 3	14 42	17 12	4 32	23 26	3 3	28 8	5 3	12 4	1 34	20 3	0 41	14 18	1 21	19 52	0 15	S 3
M 4	15 1	15 33	3 56	23 25	2 59	28 11	5 4	11 53	1 34	20 5	0 41	14 17	1 21	19 51	0 15	M 4
T 5	15 20	13 14	3 10	23 21	2 54	28 14	5 5	11 41	1 35	20 8	0 41	14 17	1 20	19 51	0 15	T 5
W 6	15 38	10 23	2 16	23 14	2 48	28 16	5 6	11 30	1 36	20 10	0 41	14 17	1 20	19 50	0 15	W 6
T 7	15 56	7 5	1 16	23 4	2 39	28 18	5 6	11 19	1 37	20 13	0 41	14 17	1 20	19 50	0 15	T 7
F 8	16 13	3 28	0 12	22 51	2 30	28 19	5 6	11 8	1 38	20 15	0 41	14 16	1 20	19 49	0 15	F 8
S 9	16 31	0n22	0s54	22 34	2 19	28 20	5 5	10 56	1 39	20 17	0 41	14 16	1 20	19 49	0 15	S 9
S 10	16 48	4 17	1 58	22 13	2 6	28 21	5 5	10 45	1 40	20 20	0 41	14 16	1 20	19 48	0 15	S 10
M11	17 5	8 5	2 58	21 49	1 51	28 21	5 4	10 34	1 41	20 22	0 41	14 15	1 20	19 48	0 15	M11
T 12	17 21	11 36	3 50	21 21	1 35	28 20	5 2	10 23	1 41	20 25	0 40	14 15	1 20	19 47	0 15	T 12
W13	17 38	14 35	4 30	20 49	1 17	28 19	5 1	10 12	1 42	20 27	0 40	14 14	1 20	19 47	0 15	W13
T 14	17 54	16 50	4 56	20 15	0 58	28 17	4 59	10 0	1 43	20 30	0 40	14 14	1 20	19 46	0 15	T 14
F 15	18 9	18 6	5 4	19 37	0 38	28 15	4 56	9 49	1 44	20 32	0 40	14 13	1 20	19 46	0 15	F 15
S 16	18 25	18 17	4 54	18 58	0 18	28 13	4 53	9 38	1 45	20 34	0 40	14 12	1 20	19 45	0 15	S 16
S 17	18 40	17 19	4 26	18 19	0n 3	28 10	4 50	9 27	1 46	20 37	0 40	14 12	1 20	19 45	0 15	S 17
M18	18 54	15 16	3 42	17 39	0 23	28 6	4 46	9 16	1 47	20 39	0 40	14 11	1 20	19 44	0 15	M18
T 19	19 9	12 19	2 44	17 1	0 43	28 2	4 42	9 5	1 48	20 41	0 40	14 10	1 20	19 44	0 15	T 19
W20	19 23	8 39	1 36	16 26	1 1	27 58	4 37	8 54	1 49	20 44	0 40	14 10	1 19	19 43	0 15	W20
T 21	19 36	4 31	0 23	15 54	1 18	27 52	4 32	8 43	1 50	20 46	0 40	14 9	1 19	19 43	0 15	T 21
F 22	19 50	0 9	0n51	15 27	1 33	27 47	4 26	8 32	1 51	20 48	0 40	14 8	1 19	19 42	0 15	F 22
S 23	20 3	4s11	2 1	15 4	1 46	27 41	4 20	8 21	1 52	20 50	0 39	14 7	1 19	19 41	0 15	S 23
S 24	20 15	8 15	3 4	14 47	1 57	27 34	4 13	8 10	1 53	20 53	0 39	14 6	1 19	19 41	0 15	S 24
M25	20 28	11 51	3 55	14 35	2 7	27 26	4 6	7 59	1 54	20 55	0 39	14 5	1 19	19 40	0 15	M25
T 26	20 39	14 46	4 32	14 27	2 14	27 19	3 58	7 49	1 55	20 57	0 39	14 4	1 19	19 40	0 15	T 26
W27	20 51	16 53	4 55	14 25	2 19	27 10	3 50	7 38	1 56	20 59	0 39	14 4	1 19	19 39	0 15	W27
T 28	21 2	18 6	5 1	14 27	2 23	27 1	3 41	7 27	1 57	21 1	0 39	14 3	1 19	19 39	0 15	T 28
F 29	21 13	18 24	4 53	14 33	2 25	26 51	3 31	7 17	1 58	21 3	0 39	14 1	1 19	19 38	0 15	F 29
S 30	21s23	17s48	4n31	14s43	2n26	26s40	3s21	7n 6	1n59	21s 5	0n39	14s 0	1s19	19n38	0s15	S 30

Julian Day Number = 2675011.5, Delta T = 20m59s  
 Ecliptic obliquity = 23°21'26", Nutation = - 0°00'04"  
 Ayanamsha: Fagan/Bradley = 33°17'53", Lahiri = 32°24'53"

## ASTRODIENST EPHEMERIS for the year 2611

DECEMBER 2611

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 36 52	7°53'21	29°35' 5	18°29	26°R56	17°4 4	9°17	26°10	28°R59	1°27	25°R 8	20°R32	20°8	21°22	26°R 8	S 1
M 2	4 40 49	8°53'54	11°18 1	19°21	26°36	17°33	9°30	26°13	28°57	1°29	25°8 7	20°26	20° 5	21°28	26°V 7	M 2
T 3	4 44 46	9°54'29	22°51	20°19	26°13	18° 2	9°44	26°16	28°55	1°31	25° 6	20°23	20° 2	21°35	26° 5	T 3
W 4	4 48 42	10°55'05	4°39	21°22	25°48	18°31	9°57	26°19	28°52	1°33	25° 5	20°22	19°59	21°42	26° 3	W 4
T 5	4 52 39	11°55'42	16°30	22°29	25°21	19° 0	10°10	26°23	28°50	1°35	25° 4	20°22	19°56	21°48	26° 1	T 5
F 6	4 56 35	12°56'20	28°30	23°40	24°53	19°28	10°24	26°26	28°47	1°37	25° 3	20°22	19°52	21°55	26° 0	F 6
S 7	5 0 32	13°57'00	10°46	24°54	24°22	19°56	10°37	26°30	28°45	1°38	25° 2	20°20	19°49	22° 2	25°58	S 7
S 8	5 4 28	14°57'40	23°20	26°11	23°50	20°24	10°50	26°34	28°43	1°40	25° 1	20°17	19°46	22° 8	25°56	S 8
M 9	5 8 25	15°58'21	6°18	27°31	23°17	20°52	11° 3	26°37	28°40	1°42	25° 0	20°11	19°43	22°15	25°55	M 9
T 10	5 12 21	16°59'04	19°41	28°52	22°42	21°19	11°17	26°41	28°38	1°44	24°59	20° 2	19°40	22°22	25°53	T 10
W 11	5 16 18	17°59'48	3°29	0°16	22° 7	21°47	11°30	26°45	28°36	1°45	24°57	19°51	19°37	22°28	25°52	W 11
T 12	5 20 15	19° 0'32	17°38	1°40	21°31	22°14	11°43	26°49	28°33	1°47	24°56	19°38	19°33	22°35	25°50	T 12
F 13	5 24 11	20° 1'18	2°5	3° 6	20°55	22°40	11°57	26°53	28°31	1°49	24°55	19°26	19°30	22°42	25°49	F 13
S 14	5 28 8	21° 2'06	16°41	4°33	20°18	23° 7	12°10	26°57	28°29	1°50	24°54	19°15	19°27	22°48	25°48	S 14
S 15	5 32 4	22° 2'54	1°20	6° 1	19°42	23°33	12°23	27° 2	28°27	1°52	24°53	19° 6	19°24	22°55	25°46	S 15
M 16	5 36 1	23° 3'44	15°54	7°30	19° 5	23°59	12°36	27° 6	28°24	1°53	24°53	19° 1	19°21	23° 2	25°45	M 16
T 17	5 39 57	24° 4'35	0°19	8°59	18°30	24°25	12°50	27°10	28°22	1°55	24°52	18°58	19°18	23° 8	25°44	T 17
W 18	5 43 54	25° 5'27	14°31	10°29	17°55	24°51	13° 3	27°15	28°20	1°56	24°51	18°57	19°14	23°15	25°43	W 18
T 19	5 47 51	26° 6'21	28°29	11°59	17°22	25°16	13°16	27°20	28°18	1°58	24°50	18°57	19°11	23°21	25°42	T 19
F 20	5 51 47	27° 7'16	12°14	13°30	16°50	25°41	13°29	27°24	28°16	1°59	24°49	18°56	19° 8	23°28	25°41	F 20
S 21	5 55 44	28° 8'12	25°46	15° 1	16°19	26° 6	13°42	27°29	28°14	2° 1	24°48	18°54	19° 5	23°35	25°40	S 21
S 22	5 59 40	29° 9'09	9°16	16°32	15°50	26°30	13°56	27°34	28°12	2° 2	24°47	18°49	19° 2	23°41	25°39	S 22
M 23	6 3 37	0°10'08	22°16	18° 4	15°23	26°54	14° 9	27°39	28°10	2° 4	24°46	18°40	18°58	23°48	25°38	M 23
T 24	6 7 33	1°11'07	5°14	19°35	14°58	27°18	14°22	27°43	28° 8	2° 5	24°45	18°29	18°55	23°55	25°37	T 24
W 25	6 11 30	2°12'08	18° 1	21° 7	14°35	27°42	14°35	27°48	28° 6	2° 6	24°44	18°16	18°52	24° 1	25°37	W 25
T 26	6 15 26	3°13'09	0°36	22°39	14°14	28° 5	14°48	27°54	28° 4	2° 8	24°43	18° 2	18°49	24° 8	25°36	T 26
F 27	6 19 23	4°14'11	13° 0	24°12	13°56	28°28	15° 1	27°59	28° 2	2° 9	24°43	17°49	18°46	24°15	25°35	F 27
S 28	6 23 20	5°15'14	25°12	25°44	13°40	28°51	15°14	28° 4	28° 0	2°10	24°42	17°37	18°43	24°21	25°35	S 28
S 29	6 27 16	6°16'17	7°13	27°17	13°26	29°13	15°27	28° 9	27°58	2°11	24°41	17°28	18°39	24°28	25°34	S 29
M 30	6 31 13	7°17'21	19° 6	28°50	13°15	29°35	15°40	28°15	27°56	2°13	24°40	17°21	18°36	24°35	25°34	M 30
T 31	6 35 9	8°18'25	0°54	0°23	13°16	29°56	15°53	28°20	27°55	2°14	24°39	17°17	18°33	24°41	25°33	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	21s33	16s25	3n57	14s56	2n26	26s29	3s10	6n56	2n 0	21s 8	0n39	13s59	1s19	19n37	0s15	S 1
M 2	21 42	14 19	3 13	15 11	2 24	26 17	2 59	6 45	2 1	21 10	0 39	13 58	1 19	19 37	0 15	M 2
T 3	21 52	11 38	2 20	15 29	2 22	26 5	2 47	6 35	2 2	21 12	0 39	13 57	1 19	19 36	0 15	T 3
W 4	22 0	8 30	1 22	15 48	2 19	25 52	2 34	6 25	2 3	21 14	0 39	13 56	1 19	19 36	0 15	W 4
T 5	22 9	5 0	0 21	15 9	2 15	25 38	2 21	6 14	2 4	21 16	0 39	13 55	1 19	19 35	0 15	T 5
F 6	22 16	1 15	0s43	16 31	2 10	25 23	2 8	6 4	2 5	21 18	0 39	13 53	1 18	19 35	0 15	F 6
S 7	22 24	2n37	1 46	16 54	2 5	25 8	1 54	5 54	2 6	21 20	0 38	13 52	1 18	19 34	0 15	S 7
S 8	22 31	6 29	2 45	17 18	1 59	24 53	1 40	5 44	2 7	21 22	0 38	13 51	1 18	19 34	0 15	S 8
M 9	22 37	10 9	3 38	17 42	1 53	24 37	1 25	5 34	2 8	21 23	0 38	13 49	1 18	19 33	0 15	M 9
T 10	22 43	13 25	4 20	18 6	1 47	24 20	1 10	5 24	2 9	21 25	0 38	13 48	1 18	19 33	0 15	T 10
W 11	22 49	16 3	4 48	18 30	1 40	24 3	0 55	5 15	2 10	21 27	0 38	13 47	1 18	19 32	0 15	W 11
T 12	22 54	17 48	5 0	18 54	1 33	23 45	0 40	5 5	2 11	21 29	0 38	13 45	1 18	19 32	0 15	T 12
F 13	22 59	18 27	4 53	19 18	1 26	23 27	0 24	4 56	2 12	21 31	0 38	13 44	1 18	19 31	0 15	F 13
S 14	23 3	17 54	4 27	19 41	1 19	23 9	0 9	4 46	2 13	21 33	0 38	13 42	1 18	19 31	0 15	S 14
S 15	23 7	16 10	3 43	20 3	1 12	22 51	0n 7	4 37	2 15	21 34	0 38	13 41	1 18	19 30	0 15	S 15
M 16	23 11	13 23	2 45	20 25	1 5	22 32	0 22	4 27	2 16	21 36	0 38	13 39	1 18	19 30	0 15	M 16
T 17	23 14	9 49	1 37	20 47	0 57	22 14	0 38	4 18	2 17	21 38	0 38	13 38	1 18	19 29	0 15	T 17
W 18	23 16	5 43	0 23	21 7	0 50	21 56	0 53	4 9	2 18	21 40	0 38	13 36	1 18	19 29	0 15	W 18
T 19	23 18	1 22	0n50	21 27	0 42	21 38	1 8	4 0	2 19	21 41	0 38	13 35	1 18	19 28	0 15	T 19
F 20	23 20	2s59	2 0	21 46	0 35	21 20	1 23	3 51	2 20	21 43	0 38	13 33	1 18	19 28	0 15	F 20
S 21	23 21	7 6	3 2	22 4	0 27	21 3	1 37	3 43	2 21	21 45	0 38	13 31	1 18	19 27	0 15	S 21
S 22	23 21	10 49	3 52	22 21	0 20	20 46	1 51	3 34	2 23	21 46	0 38	13 30	1 18	19 27	0 15	S 22
M 23	23 21	13 55	4 30	22 37	0 13	20 30	2 5	3 26	2 24	21 48	0 38	13 28	1 18	19 27	0 15	M 23
T 24	23 21	16 18	4 53	22 52	0 5	20 14	2 18	3 17	2 25	21 49	0 38	13 26	1 18	19 26	0 15	T 24
W 25	23 20	17 50	5 1	23 5	0s 2	19 59	2 30	3 9	2 26	21 51	0 38	13 24	1 17	19 26	0 15	W 25
T 26	23 19	18 28	4 54	23 18	0 9	19 45	2 42	3 1	2 27	21 52	0 37	13 23	1 17	19 25	0 15	T 26
F 27	23 17	18 12	4 33	23 29	0 16	19 31	2 54	2 53	2 29	21 54	0 37	13 21	1 17	19 25	0 15	F 27
S 28	23 15	17 6	4 0	23 40	0 22	19 18	3 5	2 45	2 30	21 55	0 37	13 19	1 17	19 25	0 15	S 28
S 29	23 13	15 15	3 16	23 49	0 29	19 6	3 15	2 37	2 31	21 57	0 37	13 17	1 17	19 24	0 15	S 29
M 30	23 9	12 46	2 24	23 57	0 36	18 55	3 25	2 30	2 32	21 58	0 37	13 15	1 17	19 24	0 15	M 30
T 31	23s 6	9s47	1n26	24s 4	0s42	18s45	3n34	2n23	2n34	22s 0	0n37	13s13	1s17	19n23	0s15	T 31

Julian Day Number = 2675041.5, Delta T = 20m59s

Ecliptic obliquity = 23°21'26", Nutation = - 0°00'04"

Ayanamsha: Fagan/Bradley = 33°17'57", Lahiri = 32°24'57"

## ASTRODIENST EPHEMERIS for the year 2612

JANUARY 2612

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	6 39 6	9°19'29	12°40	1°56	13°R 0	0°17	16°5	28°25	27°R53	2°15	24°R39	17°D16	18°30	24°48	25°R33	W 1
T 2	6 43 2	10°20'34	24°29	3°30	12°R56	0°38	16°18	28°31	27°R51	2°16	24°R38	17°D16	18°27	24°55	25°R33	T 2
F 3	6 46 59	11°21'39	6°Y27	5° 3	12°D55	0°59	16°31	28°37	27°50	2°17	24°37	17°R16	18°24	25° 1	25°33	F 3
S 4	6 50 55	12°22'44	18°39	6°37	12°56	1°19	16°44	28°42	27°48	2°18	24°36	17°16	18°20	25° 8	25°32	S 4
S 5	6 54 52	13°23'49	1°810	8°11	13° 0	1°38	16°56	28°48	27°47	2°19	24°36	17°15	18°17	25°15	25°32	S 5
M 6	6 58 49	14°24'54	14° 5	9°45	13° 6	1°58	17° 9	28°54	27°45	2°20	24°35	17°11	18°14	25°21	25°32	M 6
T 7	7 2 45	15°25'59	27°28	11°20	13°14	2°17	17°22	29° 0	27°44	2°21	24°34	17° 4	18°11	25°28	25°D32	T 7
W 8	7 6 42	16°27'05	11°II20	12°54	13°24	2°35	17°34	29° 5	27°42	2°22	24°34	16°56	18° 8	25°35	25°32	W 8
T 9	7 10 38	17°28'11	25°39	14°29	13°37	2°53	17°47	29°11	27°41	2°23	24°33	16°46	18° 4	25°41	25°32	T 9
F 10	7 14 35	18°29'16	10°E21	16° 5	13°52	3°11	17°59	29°17	27°39	2°24	24°32	16°37	18° 1	25°48	25°33	F 10
S 11	7 18 31	19°30'22	25°18	17°40	14° 9	3°28	18°11	29°23	27°38	2°24	24°32	16°28	17°58	25°55	25°33	S 11
S 12	7 22 28	20°31'28	10°Q21	19°16	14°28	3°45	18°24	29°30	27°37	2°25	24°31	16°21	17°55	26° 1	25°33	S 12
M13	7 26 24	21°32'34	25°21	20°53	14°49	4° 1	18°36	29°36	27°36	2°26	24°31	16°17	17°52	26° 8	25°33	M13
T 14	7 30 21	22°33'41	10°II 9	22°29	15°11	4°17	18°48	29°42	27°35	2°27	24°30	16°D15	17°49	26°15	25°34	T 14
W15	7 34 18	23°34'47	24°39	24° 6	15°36	4°32	19° 0	29°48	27°34	2°27	24°30	16°15	17°45	26°21	25°34	W15
T 16	7 38 14	24°35'54	8°A49	25°44	16° 2	4°47	19°12	29°54	27°32	2°28	24°29	16°16	17°42	26°28	25°35	T 16
F 17	7 42 11	25°37'01	22°39	27°21	16°30	5° 2	19°24	0°H 1	27°31	2°29	24°29	16°R17	17°39	26°35	25°35	F 17
S 18	7 46 7	26°38'09	6°II 8	28°59	17° 0	5°16	19°36	0° 7	27°31	2°29	24°28	16°16	17°36	26°41	25°36	S 18
S 19	7 50 4	27°39'16	19°18	0°A38	17°31	5°29	19°48	0°14	27°30	2°30	24°28	16°14	17°33	26°48	25°36	S 19
M20	7 54 0	28°40'24	2°A13	2°17	18° 4	5°42	20° 0	0°20	27°29	2°30	24°27	16° 9	17°30	26°55	25°37	M20
T 21	7 57 57	29°41'32	14°54	3°56	18°39	5°54	20°12	0°27	27°28	2°31	24°27	16° 3	17°26	27° 1	25°38	T 21
W22	8 1 53	0°A24'40	27°22	5°36	19°14	6° 6	20°24	0°33	27°27	2°31	24°27	15°55	17°23	27° 8	25°39	W22
T 23	8 5 50	1°43'47	9°B21	7°16	19°51	6°17	20°35	0°40	27°26	2°32	24°26	15°46	17°20	27°14	25°40	T 23
F 24	8 9 47	2°44'55	21°49	8°57	20°30	6°28	20°47	0°46	27°26	2°32	24°26	15°37	17°17	27°21	25°41	F 24
S 25	8 13 43	3°46'02	3°A50	10°38	21° 9	6°38	20°58	0°53	27°25	2°32	24°26	15°30	17°14	27°28	25°42	S 25
S 26	8 17 40	4°47'09	15°45	12°19	21°50	6°47	21°10	1° 0	27°25	2°33	24°25	15°24	17°10	27°34	25°43	S 26
M27	8 21 36	5°48'15	27°34	14° 0	22°32	6°56	21°21	1° 6	27°24	2°33	24°25	15°20	17° 7	27°41	25°44	M27
T 28	8 25 33	6°49'21	9°H21	15°42	23°15	7° 4	21°33	1°13	27°24	2°33	24°25	15°18	17° 4	27°48	25°45	T 28
W29	8 29 29	7°50'26	21° 7	17°24	23°59	7°12	21°44	1°20	27°23	2°33	24°25	15°D18	17° 1	27°54	25°46	W29
T 30	8 33 26	8°51'30	2°Y58	19° 5	24°44	7°19	21°55	1°27	27°23	2°33	24°24	15°19	16°58	28° 1	25°47	T 30
F 31	8 37 22	9°A52'33	14°Y55	20°A47	25°A30	7°A25	22°A 6	1°H34	27°B23	2°M34	24°B24	15°M21	16°M55	28°A 8	25°Y49	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	23s 2	6s24	0n25	24s 9	0s48	18s36	3n43	2n15	2n35	22s 1	0n37	13s11	1s17	19n23	0s15	10n 9
T 2	22 57	2 46	0s38	24 13	0 54	18 27	3 51	2 8	2 36	22 2	0 37	13 9	1 17	19 23	0 15	9 59
F 3	22 52	1n 1	1 41	24 16	1 0	18 19	3 59	2 1	2 37	22 4	0 37	13 7	1 17	19 22	0 14	9 59
S 4	22 47	4 49	2 39	24 18	1 6	18 13	4 6	1 54	2 39	22 5	0 37	13 5	1 17	19 22	0 14	9 59
S 5	22 41	8 31	3 32	24 18	1 12	18 7	4 12	1 48	2 40	22 6	0 37	13 3	1 17	19 22	0 14	9 59
M 6	22 35	11 56	4 16	24 17	1 17	18 1	4 18	1 41	2 41	22 7	0 37	13 1	1 17	19 21	0 14	9 59
T 7	22 28	14 52	4 47	24 14	1 22	17 57	4 24	1 35	2 43	22 9	0 37	12 59	1 17	19 21	0 14	9 59
W 8	22 21	17 3	5 3	24 11	1 27	17 53	4 29	1 29	2 44	22 10	0 37	12 57	1 17	19 21	0 14	9 59
T 9	22 13	18 16	5 1	24 6	1 32	17 50	4 33	1 23	2 45	22 11	0 37	12 55	1 17	19 20	0 14	9 59
F 10	22 5	18 19	4 39	23 59	1 36	17 48	4 37	1 17	2 47	22 12	0 37	12 53	1 17	19 20	0 14	9 59
S 11	21 57	17 6	3 58	23 51	1 40	17 46	4 41	1 12	2 48	22 13	0 37	12 51	1 17	19 20	0 14	9 59
S 12	21 48	14 41	3 0	23 42	1 44	17 45	4 44	1 6	2 49	22 14	0 37	12 49	1 17	19 20	0 14	9 59
M13	21 38	11 18	1 50	23 31	1 48	17 44	4 47	1 1	2 51	22 15	0 37	12 47	1 17	19 19	0 14	9 59
T 14	21 29	7 14	0 33	23 19	1 51	17 44	4 50	0 56	2 52	22 16	0 37	12 44	1 17	19 19	0 14	9 59
W15	21 18	2 48	0n45	23 6	1 55	17 45	4 52	0 51	2 53	22 18	0 37	12 42	1 17	19 19	0 14	9 59
T 16	21 8	1s40	1 59	22 51	1 57	17 46	4 53	0 47	2 55	22 19	0 37	12 40	1 17	19 19	0 14	9 59
F 17	20 57	5 56	3 3	22 35	2 0	17 47	4 55	0 42	2 56	22 19	0 37	12 38	1 17	19 19	0 14	9 59
S 18	20 45	9 48	3 56	22 17	2 2	17 49	4 56	0 38	2 58	22 20	0 37	12 36	1 17	19 18	0 14	9 59
S 19	20 34	13 5	4 35	21 58	2 4	17 51	4 56	0 34	2 59	22 21	0 37	12 33	1 17	19 18	0 14	9 59
M20	20 21	15 39	4 59	21 37	2 5	17 54	4 57	0 31	3 1	22 22	0 37	12 31	1 17	19 18	0 14	9 59
T 21	20 9	17 24	5 8	21 15	2 6	17 56	4 57	0 27	3 2	22 23	0 37	12 29	1 17	19 18	0 14	9 59
W22	19 56	18 18	5 2	20 51	2 7	17 59	4 57	0 24	3 3	22 24	0 37	12 26	1 17	19 18	0 14	9 59
T 23	19 42	18 19	4 42	20 27	2 7	18 3	4 56	0 21	3 5	22 25	0 37	12 24	1 17	19 18	0 14	9 59
F 24	19 29	17 29	4 9	20 0	2 7	18 6	4 56	0 18	3 6	22 26	0 37	12 22	1 17	19 17	0 14	9 59
S 25	19 15	15 53	3 26	19 32	2 6	18 10	4 55	0 15	3 8	22 26	0 37	12 19	1 17	19 17	0 14	9 59
S 26	19 0	13 37	2 34	19 3	2 5	18 13	4 54	0 13	3 9	22 27	0 37	12 17	1 17	19 17	0 14	9 59
M27	18 45	10 47	1 35	18 33	2 4	18 17	4 52	0 11	3 11	22 28	0 37	12 15	1 17	19 17	0 14	9 59
T 28	18 30	7 32	0 32	18 1	2 2	18 21	4 51	0 9	3 12	22 29	0 37	12 12	1 17	19 17	0 14	9 59
W29	18 15	4 0	0s32	17 27	1 59	18 25	4 49	0 7	3 13	22 29	0 37	12 10	1 17	19 17	0 14	9 59
T 30	17 59	0 17	1 35	16 53	1 56	18 29	4 47	0 6	3 15	22 30	0 37	12 7	1 17	19 17	0 14	9 59
F 31	17s43	3n29	2s35	16s17	1s52	18s32	4n45	0n 5	3n16	22s31	0n37	12s 5	1s17	19n17	0s14	10s47

Julian Day Number = 2675072.5, Delta T = 20m59s

Ecliptic obliquity = 23°21'26", Nutation = - 0°00'03"

Ayanamsha: Fagan/Bradley = 33°18'01", Lahiri = 32°25'01"



## ASTRODIENST EPHEMERIS for the year 2612

MARCH 2612

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 35 39	10°16'55	18°43	11°R37	23°38	4°R50	26°50	5°H 7	27°38	2°R22	24°29	14°55	15°19	1°H27	26°50	S 1
M 2	10 39 36	11°17'25	1°11	10°H30	24°41	4°H33	26°57	5°15	27°39	2°M21	24°29	14°56	15°16	1°34	26°53	M 2
T 3	10 43 32	12°17'52	14°40	9°23	25°44	4°16	27° 5	5°22	27°41	2°20	24°30	14°R56	15°13	1°40	26°56	T 3
W 4	10 47 29	13°18'18	28°13	8°17	26°48	3°58	27°12	5°29	27°42	2°19	24°30	14°55	15°10	1°47	26°58	W 4
T 5	10 51 25	14°18'43	12°51	7°14	27°52	3°39	27°19	5°36	27°44	2°18	24°31	14°55	15° 7	1°54	27° 1	T 5
F 6	10 55 22	15°19'05	26°35	6°15	28°56	3°20	27°27	5°43	27°45	2°18	24°31	14°D55	15° 3	2° 0	27° 4	F 6
S 7	10 59 18	16°19'25	11°20	5°20	0° 1	3° 0	27°33	5°50	27°47	2°17	24°32	14°56	15° 0	2° 7	27° 7	S 7
S 8	11 3 15	17°19'44	26°22	4°32	1° 5	2°40	27°40	5°58	27°48	2°15	24°33	14°56	14°57	2°14	27°10	S 8
M 9	11 7 11	18°20'00	11°33	3°50	2°10	2°19	27°47	6° 5	27°50	2°14	24°33	14°R56	14°54	2°20	27°13	M 9
T 10	11 11 8	19°20'15	26°43	3°15	3°15	1°57	27°53	6°12	27°52	2°13	24°34	14°56	14°51	2°27	27°16	T 10
W 11	11 15 5	20°20'28	11°43	2°47	4°21	1°36	28° 0	6°19	27°53	2°12	24°34	14°55	14°47	2°34	27°19	W 11
T 12	11 19 1	21°20'40	26°25	2°27	5°26	1°14	28° 6	6°26	27°55	2°11	24°35	14°55	14°44	2°40	27°22	T 12
F 13	11 22 58	22°20'50	10°42	2°13	6°32	0°51	28°12	6°33	27°57	2°10	24°36	14°54	14°41	2°47	27°25	F 13
S 14	11 26 54	23°20'58	24°33	2° 6	7°38	0°28	28°18	6°40	27°59	2° 9	24°37	14°53	14°38	2°54	27°28	S 14
S 15	11 30 51	24°21'05	7°56	2°D 6	8°44	0° 5	28°23	6°47	28° 1	2° 8	24°37	14°52	14°35	3° 0	27°31	S 15
M 16	11 34 47	25°21'11	20°53	2°12	9°51	29°42	28°29	6°54	28° 3	2° 6	24°38	14°D52	14°32	3° 7	27°34	M 16
T 17	11 38 44	26°21'15	3°38	2°24	10°57	29°19	28°34	7° 1	28° 5	2° 5	24°39	14°52	14°28	3°14	27°37	T 17
W 18	11 42 40	27°21'18	15°44	2°42	12° 4	28°55	28°40	7° 8	28° 7	2° 4	24°40	14°52	14°25	3°20	27°40	W 18
T 19	11 46 37	28°21'19	27°46	3° 4	13°11	28°31	28°45	7°15	28° 9	2° 3	24°40	14°54	14°22	3°27	27°43	T 19
F 20	11 50 34	29°21'18	9°40	3°32	14°18	28° 8	28°50	7°22	28°11	2° 1	24°41	14°55	14°19	3°33	27°47	F 20
S 21	11 54 30	0°Y21'15	21°27	4° 5	15°26	27°44	28°54	7°29	28°13	2° 0	24°42	14°56	14°16	3°40	27°50	S 21
S 22	11 58 27	1°21'11	3°H 14	4°42	16°33	27°20	28°59	7°35	28°15	1°59	24°43	14°57	14°12	3°47	27°53	S 22
M 23	12 2 23	2°21'05	15° 2	5°23	17°41	26°57	29° 3	7°42	28°17	1°57	24°44	14°R58	14° 9	3°53	27°57	M 23
T 24	12 6 20	3°20'57	26°54	6° 8	18°48	26°33	29° 8	7°49	28°20	1°56	24°45	14°57	14° 6	4° 0	28° 0	T 24
W 25	12 10 16	4°20'47	8°Y53	6°56	19°56	26°10	29°12	7°56	28°22	1°54	24°46	14°56	14° 3	4° 7	28° 3	W 25
T 26	12 14 13	5°20'36	21° 0	7°48	21° 4	25°47	29°16	8° 2	28°24	1°53	24°47	14°53	14° 0	4°13	28° 7	T 26
F 27	12 18 9	6°20'22	3°H 18	8°42	22°12	25°24	29°19	8° 9	28°27	1°52	24°47	14°50	13°57	4°20	28°10	F 27
S 28	12 22 6	7°20'06	15°46	9°40	23°21	25° 2	29°23	8°16	28°29	1°50	24°48	14°46	13°53	4°27	28°13	S 28
S 29	12 26 2	8°19'49	28°28	10°40	24°29	24°40	29°26	8°22	28°32	1°49	24°49	14°43	13°50	4°33	28°17	S 29
M 30	12 29 59	9°19'29	11°H24	11°43	25°37	24°18	29°29	8°29	28°34	1°47	24°50	14°40	13°47	4°40	28°20	M 30
T 31	12 33 56	10°Y19'06	24°H36	12°H49	26°46	23°H57	29°32	8°H35	28°H37	1°M46	24°H51	14°H38	13°H44	4°H47	28°Y24	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	7s41	12n45	4s46	3s46	3n41	18s36	2n44	1n37	3n51	22s42	0n37	10s49	1s18	19n21	0s13	S 1
M 2	7 18	15 20	5 10	4 11	3 41	18 30	2 39	1 44	3 52	22 43	0 37	10 46	1 18	19 21	0 13	M 2
T 3	6 55	17 13	5 18	4 38	3 40	18 24	2 34	1 52	3 52	22 43	0 37	10 44	1 18	19 22	0 13	T 3
W 4	6 32	18 11	5 10	5 6	3 36	18 17	2 29	1 59	3 52	22 43	0 37	10 41	1 18	19 22	0 13	W 4
T 5	6 9	18 6	4 43	5 34	3 30	18 10	2 24	2 7	3 53	22 43	0 37	10 39	1 19	19 22	0 13	T 5
F 6	5 46	16 52	3 58	6 3	3 22	18 2	2 19	2 15	3 53	22 43	0 37	10 36	1 19	19 23	0 13	F 6
S 7	5 23	14 29	2 56	6 32	3 13	17 53	2 14	2 23	3 53	22 43	0 37	10 33	1 19	19 23	0 13	S 7
S 8	4 59	11 5	1 42	6 59	3 2	17 45	2 9	2 31	3 53	22 43	0 37	10 31	1 19	19 23	0 13	S 8
M 9	4 36	6 55	0 19	7 25	2 50	17 36	2 4	2 39	3 53	22 43	0 37	10 28	1 19	19 24	0 13	M 9
T 10	4 12	2 18	1n 5	7 49	2 38	17 26	1 59	2 47	3 53	22 44	0 37	10 26	1 19	19 24	0 13	T 10
W 11	3 49	2s25	2 24	8 12	2 25	17 16	1 54	2 56	3 53	22 44	0 37	10 23	1 19	19 25	0 13	W 11
T 12	3 25	6 53	3 31	8 32	2 11	17 5	1 49	3 4	3 52	22 44	0 37	10 21	1 19	19 25	0 13	T 12
F 13	3 2	10 49	4 23	8 50	1 57	16 54	1 44	3 12	3 52	22 44	0 37	10 18	1 19	19 25	0 13	F 13
S 14	2 38	14 1	4 58	9 5	1 43	16 42	1 39	3 21	3 51	22 44	0 37	10 16	1 19	19 26	0 13	S 14
S 15	2 14	16 22	5 15	9 19	1 29	16 30	1 34	3 30	3 51	22 44	0 37	10 13	1 19	19 26	0 13	S 15
M 16	1 50	17 47	5 16	9 30	1 15	16 18	1 29	3 38	3 50	22 44	0 37	10 11	1 19	19 27	0 13	M 16
T 17	1 27	18 18	5 1	9 38	1 1	16 5	1 24	3 47	3 49	22 44	0 37	10 8	1 20	19 27	0 13	T 17
W 18	1 3	17 55	4 33	9 45	0 47	15 51	1 19	3 55	3 48	22 44	0 37	10 6	1 20	19 28	0 13	W 18
T 19	0 39	16 44	3 53	9 49	0 34	15 37	1 14	4 4	3 47	22 44	0 37	10 3	1 20	19 28	0 13	T 19
F 20	0 15	14 49	3 4	9 51	0 21	15 23	1 9	4 12	3 46	22 44	0 37	10 1	1 20	19 29	0 13	F 20
S 21	0n 8	12 18	2 7	9 50	0 9	15 8	1 4	4 20	3 45	22 44	0 37	9 58	1 20	19 29	0 13	S 21
S 22	0 32	9 17	1 5	9 48	0s 3	14 53	0 59	4 29	3 44	22 44	0 37	9 56	1 20	19 30	0 13	S 22
M 23	0 56	5 53	0s 0	9 44	0 15	14 37	0 55	4 37	3 42	22 44	0 37	9 54	1 20	19 30	0 13	M 23
T 24	1 20	2 14	1 6	9 38	0 26	14 21	0 50	4 45	3 41	22 44	0 37	9 51	1 20	19 31	0 13	T 24
W 25	1 43	1n32	2 9	9 30	0 37	14 4	0 45	4 53	3 40	22 44	0 37	9 49	1 20	19 31	0 13	W 25
T 26	2 7	5 17	3 6	9 21	0 47	13 47	0 40	5 0	3 38	22 44	0 37	9 46	1 21	19 32	0 13	T 26
F 27	2 31	8 52	3 56	9 9	0 57	13 30	0 36	5 8	3 36	22 44	0 37	9 44	1 21	19 32	0 13	F 27
S 28	2 54	12 6	4 36	8 56	1 6	13 12	0 31	5 15	3 34	22 44	0 37	9 42	1 21	19 33	0 13	S 28
S 29	3 18	14 50	5 2	8 41	1 15	12 54	0 27	5 22	3 33	22 44	0 37	9 39	1 21	19 33	0 13	S 29
M 30	3 41	16 53	5 14	8 25	1 23	12 35	0 22	5 29	3 31	22 44	0 37	9 37	1 21	19 34	0 13	M 30
T 31	4n 4	18n 5	5s10	8s 8	1s31	12s16	0n18	5n36	3n29	22s44	0n37	9s35	1s21	19n34	0s13	T 31

Julian Day Number = 2675132.5, Delta T = 21m00s

Ecliptic obliquity = 23°21'27", Nutation = - 0°00'04"

Ayanamsha: Fagan/Bradley = 33°18'10", Lahiri = 32°25'10"

# ASTRODIENST EPHEMERIS for the year 2612

APRIL 2612

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 37 52	11°18'42"	8°5'5"	13°57'	27°55'	23°R36	29°535	8°42'	28°39'	1°R44	24°52'	14°D37	13°41'	4°53'	28°Y27	W 1
T 2	12 41 49	12°18'15"	21°54'	15° 7'	29° 3'	23°16'	29°38'	8°48'	28°42'	1°M43	24°53'	14°37'	13°38'	5° 0'	28°30'	T 2
F 3	12 45 45	13°17'46"	6°19'	16°19'	0°12'	22°56'	29°40'	8°55'	28°45'	1°41'	24°54'	14°38'	13°34'	5° 7'	28°34'	F 3
S 4	12 49 42	14°17'15"	20°26'	17°33'	1°21'	22°37'	29°43'	9° 1'	28°47'	1°40'	24°56'	14°40'	13°31'	5°13'	28°37'	S 4
S 5	12 53 38	15°16'41"	5°11'6"	18°49'	2°30'	22°18'	29°45'	9° 7'	28°50'	1°38'	24°57'	14°41'	13°28'	5°20'	28°41'	S 5
M 6	12 57 35	16°16'05"	19°56'	20° 7'	3°40'	22° 0'	29°47'	9°14'	28°53'	1°36'	24°58'	14°R41	13°25'	5°26'	28°44'	M 6
T 7	13 1 131	17°15'27"	4°51'	21°27'	4°49'	21°43'	29°48'	9°20'	28°55'	1°35'	24°59'	14°40'	13°22'	5°33'	28°48'	T 7
W 8	13 5 28	18°14'47"	19°42'	22°48'	5°58'	21°26'	29°50'	9°26'	28°58'	1°33'	25° 0'	14°37'	13°18'	5°40'	28°52'	W 8
T 9	13 9 25	19°14'05"	4°11'21"	24°11'	7° 8'	21°10'	29°51'	9°32'	29° 1'	1°32'	25° 1'	14°32'	13°15'	5°46'	28°55'	T 9
F 10	13 13 21	20°13'21"	18°41'	25°36'	8°17'	20°55'	29°53'	9°38'	29° 4'	1°30'	25° 2'	14°27'	13°12'	5°53'	28°59'	F 10
S 11	13 17 18	21°12'35"	2°57'37"	27° 2'	9°27'	20°40'	29°54'	9°44'	29° 7'	1°29'	25° 3'	14°21'	13° 9'	6° 0'	29° 2'	S 11
S 12	13 21 14	22°11'48"	16° 7'	28°31'	10°37'	20°26'	29°54'	9°50'	29°10'	1°27'	25° 4'	14°16'	13° 6'	6° 6'	29° 6'	S 12
M13	13 25 11	23°10'58"	29°10'	0°Y 0'	11°47'	20°13'	29°55'	9°56'	29°13'	1°25'	25° 6'	14°12'	13° 3'	6°13'	29° 9'	M13
T 14	13 29 7	24°10'07"	11°39'49"	1°31'	12°56'	20° 1'	29°55'	10° 2'	29°16'	1°24'	25° 7'	14° 9'	12°59'	6°20'	29°13'	T 14
W15	13 33 4	25° 9'14"	24° 8'	3° 4'	14° 6'	19°49'	29°56'	10° 8'	29°19'	1°22'	25° 8'	14°D 8'	12°56'	6°26'	29°16'	W15
T 16	13 37 0	26° 8'20"	6°51'11"	4°38'	15°17'	19°38'	29°R56'	10°13'	29°22'	1°20'	25° 9'	14° 9'	12°53'	6°33'	29°20'	T 16
F 17	13 40 57	27° 7'23"	18° 4'	6°14'	16°27'	19°28'	29°56'	10°19'	29°25'	1°19'	25°10'	14°10'	12°50'	6°40'	29°24'	F 17
S 18	13 44 54	28° 6'25"	29°51'	7°51'	17°37'	19°19'	29°55'	10°25'	29°28'	1°17'	25°12'	14°12'	12°47'	6°46'	29°27'	S 18
S 19	13 48 50	29° 5'25"	11°38'38"	9°30'	18°47'	19°10'	29°55'	10°30'	29°31'	1°15'	25°13'	14°R13'	12°44'	6°53'	29°31'	S 19
M20	13 52 47	0°5'42'23"	23°29'	11°10'	19°57'	19° 3'	29°54'	10°36'	29°34'	1°14'	25°14'	14°12'	12°40'	6°59'	29°34'	M20
T 21	13 56 43	1° 3'20"	5°Y27'	12°52'	21° 8'	18°56'	29°53'	10°41'	29°37'	1°12'	25°15'	14°10'	12°37'	7° 6'	29°38'	T 21
W22	14 0 40	2° 2'14"	17°36'	14°36'	22°18'	18°50'	29°52'	10°47'	29°40'	1°11'	25°17'	14° 5'	12°34'	7°13'	29°42'	W22
T 23	14 4 36	3° 1'07"	29°57'	16°20'	23°29'	18°44'	29°51'	10°52'	29°43'	1° 9'	25°18'	13°58'	12°31'	7°19'	29°45'	T 23
F 24	14 8 33	3°59'58"	12°31'	18° 7'	24°39'	18°40'	29°49'	10°57'	29°47'	1° 7'	25°19'	13°50'	12°28'	7°26'	29°49'	F 24
S 25	14 12 29	4°58'46"	25°19'	19°55'	25°50'	18°36'	29°48'	11° 3'	29°50'	1° 6'	25°20'	13°41'	12°24'	7°33'	29°52'	S 25
S 26	14 16 26	5°57'33"	8°II21'	21°44'	27° 1'	18°33'	29°46'	11° 8'	29°53'	1° 4'	25°22'	13°32'	12°21'	7°39'	29°56'	S 26
M27	14 20 23	6°56'18"	21°35'	23°35'	28°11'	18°31'	29°44'	11°13'	29°56'	1° 2'	25°23'	13°24'	12°18'	7°46'	29°59'	M27
T 28	14 24 19	7°55'00"	5°5'1'	25°28'	29°32'	18°29'	29°42'	11°18'	29°59'	1° 1'	25°24'	13°17'	12°15'	7°53'	0° 3'	T 28
W29	14 28 16	8°53'41"	18°38'	27°22'	0°Y33'	18°D28'	29°39'	11°23'	0°II 3'	0°59'	25°26'	13°13'	12°12'	7°59'	0° 7'	W29
T 30	14 32 12	9°52'19"	2°II27'	29°Y18'	1°Y44'	18°11'28"	29°537'	11°28'	0°II 6'	0°M57'	25°527'	13°11'	12°11'	8°11'	0°10'	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	4n28	18n18	4s49	7s48	1s38	11s57	0n13	5n42	3n27	22s44	0n37	9s32	1s21	19n35	0s13	10s27
T 2	4 51	17 28	4 11	7 28	1 45	11 37	0 9	5 48	3 25	22 44	0 37	9 30	1 21	19 36	0 13	10 27
F 3	5 14	15 32	3 17	7 6	1 51	11 17	0 5	5 54	3 23	22 44	0 37	9 28	1 22	19 36	0 13	10 26
S 4	5 37	12 35	2 9	6 42	1 57	10 57	0 1	5 59	3 20	22 44	0 37	9 25	1 22	19 37	0 13	10 26
S 5	6 0	8 48	0 52	6 18	2 3	10 36	0s 4	6 5	3 18	22 44	0 37	9 23	1 22	19 37	0 13	10 25
M 6	6 23	4 25	0n29	5 52	2 8	10 15	0 8	6 10	3 16	22 44	0 37	9 21	1 22	19 38	0 13	10 24
T 7	6 45	0s16	1 48	5 24	2 12	9 54	0 12	6 14	3 13	22 44	0 37	9 19	1 22	19 39	0 13	10 24
W 8	7 8	4 54	3 0	4 56	2 16	9 32	0 16	6 19	3 11	22 44	0 37	9 17	1 22	19 39	0 13	10 23
T 9	7 30	9 11	3 59	4 26	2 19	9 10	0 20	6 23	3 9	22 44	0 37	9 14	1 22	19 40	0 13	10 23
F 10	7 53	12 49	4 41	3 55	2 22	8 48	0 23	6 27	3 6	22 44	0 37	9 12	1 22	19 41	0 13	10 22
S 11	8 15	15 37	5 5	3 53	2 25	8 25	0 27	6 30	3 4	22 44	0 38	9 10	1 23	19 41	0 13	10 22
S 12	8 37	17 28	5 11	2 50	2 27	8 2	0 31	6 33	3 1	22 44	0 38	9 8	1 23	19 42	0 13	10 21
M13	8 59	18 20	5 1	2 16	2 28	7 39	0 34	6 36	2 59	22 44	0 38	9 6	1 23	19 42	0 13	10 21
T 14	9 21	18 15	4 36	1 41	2 30	7 16	0 38	6 39	2 56	22 44	0 38	9 4	1 23	19 43	0 13	10 20
W15	9 42	17 17	3 59	1 5	2 30	6 52	0 41	6 41	2 54	22 44	0 38	9 2	1 23	19 44	0 13	10 19
T 16	10 4	15 34	3 12	0 28	2 30	6 28	0 45	6 43	2 51	22 44	0 38	9 0	1 23	19 44	0 13	10 19
F 17	10 25	13 11	2 17	0n10	2 30	6 4	0 48	6 44	2 48	22 44	0 38	8 58	1 24	19 45	0 13	10 18
S 18	10 46	10 17	1 17	0 49	2 29	5 40	0 51	6 45	2 46	22 44	0 38	8 56	1 24	19 46	0 12	10 18
S 19	11 7	6 58	0 14	1 29	2 27	5 15	0 54	6 46	2 43	22 44	0 38	8 54	1 24	19 46	0 12	10 17
M20	11 28	3 21	0s50	2 10	2 26	4 51	0 57	6 47	2 41	22 44	0 38	8 52	1 24	19 47	0 12	10 17
T 21	11 48	0n26	1 52	2 52	2 23	4 26	1 0	6 47	2 38	22 44	0 38	8 50	1 24	19 48	0 12	10 16
W22	12 8	4 15	2 51	3 35	2 20	4 1	1 3	6 47	2 35	22 44	0 38	8 48	1 24	19 49	0 12	10 15
T 23	12 29	7 57	3 41	4 18	2 17	3 35	1 6	6 47	2 33	22 44	0 38	8 46	1 24	19 49	0 12	10 15
F 24	12 49	11 22	4 22	5 2	2 13	3 10	1 9	6 47	2 30	22 44	0 38	8 44	1 25	19 50	0 12	10 14
S 25	13 8	14 19	4 51	5 47	2 8	2 45	1 11	6 46	2 28	22 44	0 38	8 42	1 25	19 51	0 12	10 14
S 26	13 28	16 36	5 5	6 32	2 4	2 19	1 14	6 44	2 25	22 44	0 38	8 41	1 25	19 51	0 12	10 13
M27	13 47	18 3	5 3	7 18	1 58	1 53	1 16	6 43	2 22	22 44	0 38	8 39	1 25	19 52	0 12	10 13
T 28	14 6	18 31	4 45	8 4	1 52	1 27	1 19	6 41	2 20	22 44	0 38	8 37	1 25	19 53	0 12	10 12
W29	14 25	17 56	4 10	8 51	1 46	1 1	1 21	6 39	2 17	22 44	0 38	8 35	1 25	19 53	0 12	10 11
T 30	14n43	16n17	3s21	9n39	1s39	0s35	1s23	6n37	2n15	22s44	0n38	8s34	1s26	19n54	0s12	10s11

Julian Day Number = 2675163.5, Delta T = 21m00s  
 Ecliptic obliquity = 23°21'27", Nutation = - 0°00'05"  
 Ayanamsha: Fagan/Bradley = 33°18'14", Lahiri = 32°25'14"

# ASTRODIENST EPHEMERIS for the year 2612

MAY 2612

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14 36 9	10♌50'55	16♌27	1♌15	2♌55	18♌29	29°R34	11♌33	0♌10	0°R56	25♌28	13°D11	12♌5	8♌13	0♌14	F 1
S 2	14 40 5	11°49'29	0♌37	3°14	4°6	18°31	29°31	11°37	0°13	0♌54	25°30	13°12	12°2	8°19	0°17	S 2
S 3	14 44 2	12°48'00	14°56	5°15	5°17	18°33	29°28	11°42	0°16	0°53	25°31	13°R12	11°59	8°26	0°21	S 3
M 4	14 47 58	13°46'29	29°22	7°17	6°28	18°36	29°25	11°47	0°20	0°51	25°32	13°11	11°56	8°33	0°24	M 4
T 5	14 51 55	14°44'57	13♌52	9°20	7°39	18°39	29°22	11°51	0°23	0°49	25°33	13°8	11°53	8°39	0°28	T 5
W 6	14 55 52	15°43'22	28°20	11°25	8°50	18°44	29°18	11°56	0°26	0°48	25°35	13°2	11°49	8°46	0°31	W 6
T 7	14 59 48	16°41'45	12♌41	13°30	10°1	18°49	29°14	12°0	0°30	0°46	25°36	12°54	11°46	8°52	0°35	T 7
F 8	15 3 45	17°40'07	26°48	15°37	11°12	18°54	29°10	12°4	0°33	0°45	25°38	12°44	11°43	8°59	0°38	F 8
S 9	15 7 41	18°38'27	10♌36	17°45	12°23	19°1	29°6	12°9	0°37	0°43	25°39	12°33	11°40	9°6	0°42	S 9
S 10	15 11 38	19°36'45	24°3	19°54	13°35	19°8	29°2	12°13	0°40	0°42	25°40	12°23	11°37	9°12	0°45	S 10
M11	15 15 34	20°35'02	7♌6	22°3	14°46	19°15	28°58	12°17	0°43	0°40	25°42	12°14	11°34	9°19	0°49	M11
T 12	15 19 31	21°33'17	19°46	24°13	15°57	19°23	28°53	12°21	0°47	0°39	25°43	12°8	11°30	9°26	0°52	T 12
W13	15 23 27	22°31'30	2♌7	26°22	17°9	19°32	28°48	12°25	0°50	0°37	25°44	12°4	11°27	9°32	0°55	W13
T 14	15 27 24	23°29'42	14°11	28°32	18°20	19°42	28°43	12°28	0°54	0°36	25°46	12°2	11°24	9°39	0°59	T 14
F 15	15 31 21	24°27'53	26°5	0♌41	19°32	19°52	28°38	12°32	0°57	0°34	25°47	12°D 1	11°21	9°46	1°2	F 15
S 16	15 35 17	25°26'02	7♌54	2°49	20°43	20°2	28°33	12°36	1°1	0°33	25°48	12°R 2	11°18	9°52	1°5	S 16
S 17	15 39 14	26°24'10	19°42	4°57	21°55	20°13	28°28	12°40	1°4	0°31	25°50	12°1	11°15	9°59	1°9	S 17
M18	15 43 10	27°22'16	1♌36	7°3	23°6	20°25	28°22	12°43	1°8	0°30	25°51	12°0	11°11	10°6	1°12	M18
T 19	15 47 7	28°20'21	13°39	9°7	24°18	20°37	28°17	12°46	1°11	0°28	25°52	11°56	11°8	10°12	1°15	T 19
W20	15 51 3	29°18'25	25°57	11°9	25°29	20°50	28°11	12°50	1°15	0°27	25°54	11°50	11°5	10°19	1°19	W20
T 21	15 55 0	0♌16'27	8♌30	13°10	26°41	21°3	28°5	12°53	1°18	0°26	25°55	11°40	11°2	10°25	1°22	T 21
F 22	15 58 56	1°14'27	21°21	15°8	27°53	21°17	27°59	12°56	1°22	0°24	25°56	11°29	10°59	10°32	1°25	F 22
S 23	16 2 53	2°12'27	4♌30	17°3	29°4	21°32	27°53	12°59	1°25	0°23	25°58	11°17	10°55	10°39	1°28	S 23
S 24	16 6 50	3°10'24	17°54	18°56	0♌16	21°46	27°47	13°2	1°28	0°21	25°59	11°5	10°52	10°45	1°31	S 24
M25	16 10 46	4°8'21	1♌33	20°46	1°28	22°2	27°41	13°5	1°32	0°20	26°1	10°53	10°49	10°52	1°35	M25
T 26	16 14 43	5°6'15	15°21	22°33	2°40	22°18	27°34	13°8	1°35	0°19	26°2	10°44	10°46	10°59	1°38	T 26
W27	16 18 39	6°4'08	29°17	24°16	3°51	22°34	27°28	13°11	1°39	0°18	26°3	10°38	10°43	11°5	1°41	W27
T 28	16 22 36	7°1'59	13♌18	25°57	5°3	22°51	27°21	13°13	1°42	0°16	26°5	10°35	10°40	11°12	1°44	T 28
F 29	16 26 32	7°59'49	27°23	27°35	6°15	23°8	27°14	13°16	1°46	0°15	26°6	10°34	10°36	11°19	1°47	F 29
S 30	16 30 29	8°57'37	11♌29	29°9	7°27	23°26	27°7	13°18	1°49	0°14	26°7	10°33	10°33	11°25	1°50	S 30
S 31	16 34 25	9♌55'23	25♌37	0♌39	8♌39	23♌44	27°0	13♌21	1♌53	0♌13	26°8	10♌33	10♌30	11♌32	1♌53	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	15n 2	13n39	2s18	10n26	1s32	0s9	1s25	6n34	2n12	22s44	0n38	8s32	1s26	19n55	0s12	10s10
S 2	15 20	10 10	1 7	11 14	0n17	1 27	6 31	2 10	22 44	0 38	8 30	1 26	19 56	0 12	10 10	1 41
S 3	15 38	6 3	0n 9	12 2	1 16	0 43	1 29	6 28	2 7	22 44	0 38	8 29	1 26	19 56	0 12	10 9
M 4	15 55	1 33	1 25	12 50	1 7	1 10	1 31	6 25	2 5	22 44	0 37	8 27	1 26	19 57	0 12	10 9
T 5	16 12	3s 3	2 36	13 38	0 58	1 36	1 33	6 21	2 3	22 44	0 37	8 26	1 27	19 58	0 12	10 8
W 6	16 29	7 28	3 37	14 26	0 49	2 2	1 35	6 17	2 0	22 44	0 37	8 24	1 27	19 58	0 12	10 8
T 7	16 46	11 25	4 23	15 13	0 39	2 29	1 36	6 13	1 58	22 44	0 37	8 23	1 27	19 59	0 12	10 7
F 8	17 3	14 38	4 52	16 0	0 29	2 55	1 38	6 9	1 55	22 44	0 37	8 21	1 27	20 0	0 12	10 7
S 9	17 19	16 57	5 3	16 46	0 19	3 21	1 39	6 4	1 53	22 44	0 37	8 20	1 27	20 1	0 12	10 6
S 10	17 35	18 16	4 57	17 31	0 8	3 48	1 41	5 59	1 51	22 44	0 37	8 18	1 28	20 1	0 12	10 6
M11	17 50	18 35	4 36	18 15	0n 2	4 14	1 42	5 54	1 49	22 44	0 37	8 17	1 28	20 2	0 12	10 5
T 12	18 5	17 56	4 1	18 58	0 13	4 40	1 43	5 49	1 46	22 44	0 37	8 16	1 28	20 3	0 12	10 4
W13	18 20	16 26	3 16	19 39	0 23	5 7	1 44	5 43	1 44	22 44	0 37	8 14	1 28	20 3	0 12	10 4
T 14	18 35	14 14	2 23	20 19	0 34	5 33	1 45	5 38	1 42	22 44	0 37	8 13	1 28	20 4	0 12	10 3
F 15	18 49	11 28	1 24	20 57	0 44	5 59	1 46	5 32	1 40	22 44	0 37	8 12	1 28	20 5	0 12	10 3
S 16	19 3	8 14	0 22	21 32	0 54	6 25	1 47	5 26	1 37	22 44	0 37	8 11	1 29	20 6	0 12	10 3
S 17	19 17	4 41	0s41	22 6	1 4	6 51	1 47	5 19	1 35	22 44	0 37	8 9	1 29	20 6	0 12	10 2
M18	19 30	0 56	1 42	22 37	1 13	7 17	1 48	5 13	1 33	22 44	0 37	8 8	1 29	20 7	0 12	10 2
T 19	19 43	2n55	2 40	23 6	1 22	7 42	1 49	5 6	1 31	22 44	0 37	8 7	1 29	20 8	0 12	10 1
W20	19 56	6 43	3 31	23 32	1 31	8 8	1 49	4 59	1 29	22 44	0 37	8 6	1 29	20 8	0 12	10 1
T 21	20 8	10 18	4 13	23 56	1 39	8 33	1 49	4 52	1 27	22 44	0 37	8 5	1 30	20 9	0 12	10 0
F 22	20 20	13 29	4 43	24 17	1 46	8 59	1 50	4 45	1 25	22 44	0 37	8 4	1 30	20 10	0 12	10 0
S 23	20 32	16 4	4 59	24 36	1 52	9 24	1 50	4 37	1 23	22 44	0 37	8 3	1 30	20 11	0 12	9 59
S 24	20 43	17 51	4 59	24 52	1 58	9 49	1 50	4 29	1 21	22 44	0 37	8 2	1 30	20 11	0 12	9 59
M25	20 54	18 39	4 42	25 5	2 3	10 13	1 50	4 22	1 19	22 44	0 37	8 1	1 31	20 12	0 12	9 58
T 26	21 5	18 22	4 8	25 16	2 8	10 38	1 50	4 14	1 17	22 43	0 37	8 0	1 31	20 13	0 12	9 58
W27	21 15	16 58	3 20	25 25	2 11	11 2	1 50	4 5	1 15	22 43	0 37	7 59	1 31	20 13	0 12	9 58
T 28	21 25	14 33	2 19	25 32	2 14	11 26	1 50	3 57	1 13	22 43	0 36	7 59	1 31	20 14	0 12	9 57
F 29	21 34	11 15	1 9	25 36	2 16	11 50	1 49	3 49	1 11	22 43	0 36	7 58	1 31	20 15	0 12	9 57
S 30	21 43	7 18	0n 5	25 38	2 17	12 14	1 49	3 40	1 9	22 43	0 36	7 57	1 32	20 16	0 12	9 56
S 31	21n52	2n57	1n19	25n38	2n17	12n37	1s49	3n31	1n 8	22s43	0n36	7s56	1s32	20n16	0s12	9s56

Julian Day Number = 2675193.5, Delta T = 21m01s  
Ecliptic obliquity = 23°21'26, Nutation = - 0°00'06  
Ayanamsha: Fagan/Bradley = 33°18'18, Lahiri = 32°25'18

# ASTRODIENST EPHEMERIS for the year 2612

JUNE 2612

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 38 22	10♂53'07	9♂45	2♂7	9♂51	24♂2	26°R53	13♂23	1♂56	0°R12	26♂10	10°R31	10♂27	11♂39	1♂56	M 1
T 2	16 42 19	11°50'50	23°51	3°31	11°3	24°21	26♂46	13°25	2°0	0♂10	26°11	10♂27	10°24	11°45	1°59	T 2
W 3	16 46 15	12°48'31	7♂54	4°51	12°14	24°41	26°39	13°27	2°3	0°9	26°12	10°20	10°21	11°52	2°2	W 3
T 4	16 50 12	13°46'11	21°49	6°8	13°26	25°0	26°32	13°29	2°7	0°8	26°14	10°11	10°17	11°58	2°5	T 4
F 5	16 54 8	14°43'50	5♂33	7°22	14°38	25°21	26°25	13°31	2°10	0°7	26°15	9°59	10°14	12°5	2°8	F 5
S 6	16 58 5	15°41'27	19°2	8°31	15°50	25°41	26°17	13°33	2°13	0°6	26°16	9°47	10°11	12°12	2°10	S 6
S 7	17 2 1	16°39'04	2♂14	9°37	17°2	26°2	26°10	13°34	2°17	0°5	26°18	9°35	10°8	12°18	2°13	S 7
M 8	17 5 58	17°36'39	15°8	10°40	18°15	26°23	26°2	13°36	2°20	0°4	26°19	9°25	10°5	12°25	2°16	M 8
T 9	17 9 54	18°34'13	27°42	11°38	19°27	26°45	25°55	13°38	2°24	0°3	26°20	9°17	10°1	12°32	2°19	T 9
W10	17 13 51	19°31'46	10♂0	12°33	20°39	27°7	25°47	13°39	2°27	0°2	26°21	9°11	9°58	12°38	2°21	W10
T 11	17 17 48	20°29'18	22°4	13°23	21°51	27°29	25°40	13°40	2°30	0°1	26°23	9°8	9°55	12°45	2°24	T 11
F 12	17 21 44	21°26'50	3♂58	14°10	23°3	27°52	25°32	13°41	2°34	0°0	26°24	9°7	9°52	12°52	2°27	F 12
S 13	17 25 41	22°24'20	15°46	14°53	24°15	28°15	25°25	13°43	2°37	29♂59	26°25	9°D 7	9°49	12°58	2°29	S 13
S 14	17 29 37	23°21'50	27°36	15°31	25°27	28°38	25°17	13°44	2°40	29°59	26°26	9°R 7	9°46	13°5	2°32	S 14
M15	17 33 34	24°19'20	9♂31	16°5	26°40	29°2	25°9	13°45	2°44	29°58	26°28	9°6	9°42	13°12	2°34	M15
T 16	17 37 30	25°16'48	21°37	16°35	27°52	29°26	25°2	13°45	2°47	29°57	26°29	9°3	9°39	13°18	2°37	T 16
W17	17 41 27	26°14'16	3♂59	17°0	29°4	29°50	24°54	13°46	2°50	29°56	26°30	8°58	9°36	13°25	2°39	W17
T 18	17 45 23	27°11'43	16°40	17°21	0♂16	0♂14	24°46	13°47	2°53	29°56	26°31	8°50	9°33	13°32	2°41	T 18
F 19	17 49 20	28°9'10	29°43	17°37	1°29	0°39	24°39	13°47	2°57	29°55	26°33	8°41	9°30	13°38	2°44	F 19
S 20	17 53 17	29°6'36	13♂8	17°49	2°41	1°4	24°31	13°48	3°0	29°54	26°34	8°30	9°27	13°45	2°46	S 20
S 21	17 57 13	0♂4'01	26°53	17°56	3°54	1°30	24°24	13°48	3°3	29°54	26°35	8°19	9°23	13°51	2°48	S 21
M22	18 1 10	1°1'25	10♂55	17°R58	5°6	1°55	24°16	13°48	3°6	29°53	26°36	8°9	9°20	13°58	2°51	M22
T 23	18 5 6	1°58'49	25°9	17°56	6°18	2°21	24°8	13°48	3°9	29°52	26°37	8°1	9°17	14°5	2°53	T 23
W24	18 9 3	2°56'12	9♂29	17°50	7°31	2°48	24°1	13°R48	3°12	29°52	26°38	7°56	9°14	14°11	2°55	W24
T 25	18 12 59	3°53'34	23°52	17°39	8°43	3°14	23°53	13°48	3°16	29°51	26°39	7°53	9°11	14°18	2°57	T 25
F 26	18 16 56	4°50'55	8♂12	17°24	9°56	3°41	23°46	13°48	3°19	29°51	26°41	7°D52	9°7	14°25	2°59	F 26
S 27	18 20 52	5°48'15	22°27	17°6	11°8	4°8	23°39	13°48	3°22	29°50	26°42	7°53	9°4	14°31	3°1	S 27
S 28	18 24 49	6°45'34	6♂35	16°43	12°21	4°35	23°31	13°47	3°25	29°50	26°43	7°R53	9°1	14°38	3°3	S 28
M29	18 28 46	7°42'53	20°35	16°18	13°33	5°3	23°24	13°47	3°28	29°50	26°44	7°52	8°58	14°45	3°5	M29
T 30	18 32 42	8°40'10	4♂26	15°49	14°46	5♂31	23°17	13♂46	3♂31	29♂49	26♂45	7♂50	8♂55	14♂51	3♂7	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	22n 0	1s35	2n28	25n37	2n16	13n 0	1s48	3n22	1n 6	22s43	0n36	7s56	1s32	20n17	0s12	9s56
T 2	22 8	6 0	3 28	25 33	2 15	13 23	1 47	3 13	1 4	22 43	0 36	7 55	1 32	20 18	0 12	9 55
W 3	22 15	10 5	4 14	25 28	2 12	13 46	1 47	3 4	1 2	22 43	0 36	7 54	1 32	20 18	0 12	9 55
T 4	22 22	13 33	4 46	25 22	2 9	14 8	1 46	2 54	1 1	22 43	0 36	7 54	1 33	20 19	0 12	9 55
F 5	22 29	16 14	5 0	25 14	2 5	14 30	1 45	2 45	0 59	22 43	0 36	7 53	1 33	20 20	0 12	9 54
S 6	22 36	17 59	4 57	25 5	2 0	14 52	1 44	2 35	0 57	22 43	0 36	7 53	1 33	20 20	0 12	9 54
S 7	22 41	18 42	4 38	24 54	1 54	15 13	1 43	2 25	0 55	22 42	0 36	7 52	1 33	20 21	0 12	9 54
M 8	22 47	18 27	4 5	24 43	1 47	15 34	1 42	2 15	0 54	22 42	0 36	7 52	1 34	20 22	0 12	9 53
T 9	22 52	17 16	3 21	24 30	1 40	15 54	1 41	2 5	0 52	22 42	0 35	7 52	1 34	20 22	0 12	9 53
W10	22 57	15 18	2 28	24 17	1 31	16 15	1 40	1 55	0 51	22 42	0 35	7 51	1 34	20 23	0 12	9 53
T 11	23 1	12 42	1 29	24 3	1 22	16 34	1 39	1 45	0 49	22 42	0 35	7 51	1 34	20 24	0 12	9 52
F 12	23 5	9 36	0 27	23 48	1 12	16 54	1 38	1 34	0 47	22 42	0 35	7 51	1 34	20 24	0 12	9 52
S 13	23 8	6 8	0s35	23 32	1 1	17 13	1 36	1 24	0 46	22 42	0 35	7 51	1 35	20 25	0 12	9 52
S 14	23 11	2 26	1 37	23 16	0 49	17 32	1 35	1 13	0 44	22 42	0 35	7 50	1 35	20 26	0 12	9 52
M15	23 14	1n24	2 34	23 0	0 37	17 50	1 33	1 2	0 43	22 41	0 35	7 50	1 35	20 26	0 12	9 51
T 16	23 16	5 13	3 26	22 44	0 24	18 7	1 32	0 52	0 41	22 41	0 35	7 50	1 35	20 27	0 12	9 51
W17	23 18	8 54	4 9	22 27	0 10	18 25	1 30	0 41	0 40	22 41	0 35	7 50	1 36	20 28	0 12	9 51
T 18	23 20	12 16	4 41	22 10	0s 4	18 42	1 29	0 29	0 38	22 41	0 34	7 50	1 36	20 28	0 12	9 51
F 19	23 21	15 9	4 59	21 53	0 19	18 58	1 27	0 18	0 37	22 41	0 34	7 50	1 36	20 29	0 12	9 50
S 20	23 21	17 18	5 2	21 36	0 35	19 14	1 25	0 7	0 35	22 41	0 34	7 50	1 36	20 29	0 12	9 50
S 21	23 21	18 32	4 47	21 19	0 51	19 29	1 23	0s 4	0 34	22 40	0 34	7 50	1 36	20 30	0 12	9 50
M22	23 21	18 40	4 15	21 3	1 7	19 44	1 21	0 16	0 33	22 40	0 34	7 50	1 37	20 31	0 12	9 50
T 23	23 21	17 38	3 27	20 46	1 24	19 59	1 20	0 27	0 31	22 40	0 34	7 50	1 37	20 31	0 12	9 50
W24	23 19	15 29	2 25	20 30	1 41	20 13	1 18	0 39	0 30	22 40	0 34	7 51	1 37	20 32	0 12	9 50
T 25	23 18	12 21	1 14	20 15	1 58	20 26	1 16	0 51	0 28	22 40	0 33	7 51	1 37	20 32	0 12	9 49
F 26	23 16	8 30	0n 2	20 0	2 15	20 39	1 14	1 3	0 27	22 39	0 33	7 51	1 38	20 33	0 12	9 49
S 27	23 14	4 10	1 17	19 46	2 31	20 51	1 12	1 15	0 26	22 39	0 33	7 51	1 38	20 34	0 12	9 49
S 28	23 11	0s21	2 27	19 33	2 48	21 3	1 9	1 27	0 24	22 39	0 33	7 52	1 38	20 34	0 12	9 49
M29	23 8	4 48	3 28	19 20	3 3	21 14	1 7	1 39	0 23	22 39	0 33	7 52	1 38	20 35	0 12	9 49
T 30	23n 4	8s56	4n15	19n 8	3s19	21n25	1s 5	1s51	0n22	22s39	0n33	7s53	1s38	20n35	0s12	9s49

Julian Day Number = 2675224.5, Delta T = 21m01s  
 Ecliptic obliquity = 23°21'26, Nutation = - 0°00'07  
 Ayanamsha: Fagan/Bradley = 33°18'22, Lahiri = 32°25'22

## ASTRODIENST EPHEMERIS for the year 2612

JULY 2612

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	18 36 39	9°37'27"	18°11' 8	15°R19	15°II58	5°59	23°R10	13°R46	3°II34	29°R49	26°D46	7°R45	8°II52	14°H58	3°R 9	W 1
T 2	18 40 35	10°34'43"	1°39	14°346	17°11	6°27	23°3 3	13°H45	3°37	29°D49	26°47	7°II38	8°48	15° 5	3°11	T 2
F 3	18 44 32	11°31'59"	14°58	14°12	18°23	6°55	22°56	13°44	3°40	29°48	26°48	7°29	8°45	15°11	3°12	F 3
S 4	18 48 28	12°29'14"	28° 4	13°37	19°36	7°24	22°49	13°43	3°43	29°48	26°49	7°20	8°42	15°18	3°14	S 4
S 5	18 52 25	13°26'28"	10°357	13° 2	20°49	7°53	22°42	13°42	3°45	29°48	26°50	7°10	8°39	15°24	3°16	S 5
M 6	18 56 21	14°23'43"	23°34	12°27	22° 1	8°22	22°36	13°41	3°48	29°48	26°51	7° 2	8°36	15°31	3°18	M 6
T 7	19 0 18	15°20'57"	5°357	11°53	23°14	8°52	22°29	13°40	3°51	29°47	26°52	6°56	8°33	15°38	3°19	T 7
W 8	19 4 15	16°18'10"	18° 7	11°21	24°27	9°21	22°23	13°39	3°54	29°47	26°53	6°52	8°29	15°44	3°21	W 8
T 9	19 8 11	17°15'24"	0°H 7	10°51	25°39	9°51	22°16	13°37	3°57	29°47	26°54	6°50	8°26	15°51	3°22	T 9
F 10	19 12 8	18°12'38"	11°58	10°24	26°52	10°21	22°10	13°36	3°59	29°47	26°55	6°D50	8°23	15°58	3°24	F 10
S 11	19 16 4	19° 9'51"	23°47	10° 0	28° 5	10°51	22° 4	13°34	4° 2	29°D47	26°56	6°51	8°20	16° 4	3°25	S 11
S 12	19 20 1	20° 7'05"	5°Y36	9°39	29°18	11°21	21°58	13°32	4° 5	29°47	26°56	6°53	8°17	16°11	3°26	S 12
M13	19 23 57	21° 4'19"	17°31	9°22	0°31	11°52	21°52	13°31	4° 7	29°47	26°57	6°R54	8°13	16°18	3°28	M13
T 14	19 27 54	22° 1'33"	29°37	9°10	1°44	12°23	21°46	13°29	4°10	29°47	26°58	6°53	8°10	16°24	3°29	T 14
W15	19 31 50	22°58'47"	12°B 0	9° 2	2°57	12°54	21°41	13°27	4°12	29°47	26°59	6°51	8° 7	16°31	3°30	W15
T 16	19 35 47	23°56'01"	24°43	8°D59	4° 9	13°25	21°35	13°25	4°15	29°48	27° 0	6°48	8° 4	16°38	3°31	T 16
F 17	19 39 44	24°53'16"	7°II50	9° 1	5°22	13°56	21°30	13°23	4°17	29°48	27° 1	6°43	8° 1	16°44	3°32	F 17
S 18	19 43 40	25°50'31"	21°21	9° 7	6°35	14°28	21°24	13°20	4°20	29°48	27° 1	6°37	7°58	16°51	3°33	S 18
S 19	19 47 37	26°47'47"	5°318	9°19	7°48	14°59	21°19	13°18	4°22	29°48	27° 2	6°30	7°54	16°58	3°34	S 19
M20	19 51 33	27°45'02"	19°36	9°37	9° 1	15°31	21°14	13°16	4°25	29°48	27° 3	6°25	7°51	17° 4	3°35	M20
T 21	19 55 30	28°42'18"	4°Q10	9°59	10°15	16° 3	21°10	13°13	4°27	29°49	27° 4	6°20	7°48	17°11	3°36	T 21
W22	19 59 26	29°39'34"	18°54	10°27	11°28	16°35	21° 5	13°11	4°29	29°49	27° 4	6°17	7°45	17°17	3°37	W22
T 23	20 3 23	0°Q36'50"	3°II41	11° 0	12°41	17° 8	21° 1	13° 8	4°32	29°49	27° 5	6°D16	7°42	17°24	3°38	T 23
F 24	20 7 19	1°34'06"	18°23	11°38	13°54	17°40	20°56	13° 5	4°34	29°50	27° 6	6°17	7°39	17°31	3°38	F 24
S 25	20 11 16	2°31'21"	2°55	12°21	15° 7	18°13	20°52	13° 2	4°36	29°50	27° 7	6°18	7°35	17°37	3°39	S 25
S 26	20 15 13	3°28'37"	17°14	13° 9	16°20	18°46	20°48	12°59	4°38	29°51	27° 7	6°19	7°32	17°44	3°40	S 26
M27	20 19 9	4°25'53"	1°II17	14° 3	17°33	19°19	20°44	12°57	4°41	29°51	27° 8	6°R20	7°29	17°51	3°40	M27
T 28	20 23 6	5°23'09"	15° 4	15° 1	18°47	19°52	20°41	12°53	4°43	29°52	27° 8	6°20	7°26	17°57	3°41	T 28
W29	20 27 2	6°20'26"	28°34	16° 5	20° 0	20°26	20°37	12°50	4°45	29°52	27° 9	6°18	7°23	18° 4	3°41	W29
T 30	20 30 59	7°17'42"	11°J48	17°13	21°13	20°59	20°34	12°47	4°47	29°53	27°10	6°15	7°19	18°11	3°42	T 30
F 31	20 34 55	8°Q14'59"	24°J47	18°26	22°26	21°53	20°31	12°H44	4°II49	29°53	27°10	6°II11	7°II16	18°H17	3°H42	F 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	23n 1	12s33	4n48	18n57	3s33	21n35	1s 3	2s 3	0n21	22s38	0n33	7s53	1s39	20n36	0s12	W 1
T 2	22 56	15 27	5 4	18 47	3 47	21 44	1 1	2 15	0 19	22 38	0 32	7 54	1 39	20 36	0 12	T 2
F 3	22 52	17 30	5 3	18 38	3 59	21 53	0 58	2 28	0 18	22 38	0 32	7 54	1 39	20 37	0 12	F 3
S 4	22 46	18 35	4 46	18 31	4 10	22 1	0 56	2 40	0 17	22 38	0 32	7 55	1 39	20 38	0 12	S 4
S 5	22 41	18 41	4 15	18 24	4 20	22 9	0 54	2 53	0 16	22 37	0 32	7 55	1 40	20 38	0 12	S 5
M 6	22 35	17 50	3 31	18 19	4 29	22 16	0 51	3 5	0 14	22 37	0 32	7 56	1 40	20 39	0 12	M 6
T 7	22 29	16 9	2 39	18 15	4 36	22 22	0 49	3 18	0 13	22 37	0 32	7 57	1 40	20 39	0 12	T 7
W 8	22 22	13 46	1 39	18 12	4 42	22 28	0 46	3 31	0 12	22 37	0 31	7 57	1 40	20 40	0 12	W 8
T 9	22 15	10 50	0 36	18 10	4 46	22 33	0 44	3 43	0 11	22 37	0 31	7 58	1 40	20 40	0 12	T 9
F 10	22 7	7 29	0s28	18 10	4 48	22 38	0 41	3 56	0 10	22 36	0 31	7 59	1 41	20 41	0 12	F 10
S 11	22 0	3 51	1 30	18 11	4 49	22 42	0 39	4 9	0 9	22 36	0 31	8 0	1 41	20 41	0 12	S 11
S 12	21 51	0 4	2 29	18 13	4 49	22 45	0 36	4 22	0 7	22 36	0 31	8 0	1 41	20 42	0 12	S 12
M13	21 43	3n44	3 22	18 16	4 47	22 47	0 34	4 35	0 6	22 36	0 31	8 1	1 41	20 42	0 12	M13
T 14	21 34	7 26	4 7	18 20	4 43	22 49	0 31	4 48	0 5	22 36	0 30	8 2	1 42	20 43	0 12	T 14
W15	21 24	10 55	4 42	18 25	4 39	22 51	0 29	5 1	0 4	22 36	0 30	8 3	1 42	20 43	0 12	W15
T 16	21 15	13 58	5 3	18 31	4 33	22 51	0 26	5 14	0 3	22 35	0 30	8 4	1 42	20 44	0 12	T 16
F 17	21 5	16 26	5 10	18 38	4 25	22 51	0 24	5 27	0 2	22 35	0 30	8 5	1 42	20 44	0 12	F 17
S 18	20 54	18 5	5 0	18 46	4 17	22 50	0 21	5 40	0 1	22 35	0 30	8 6	1 42	20 45	0 12	S 18
S 19	20 44	18 43	4 32	18 54	4 8	22 49	0 19	5 53	0s 0	22 35	0 30	8 7	1 43	20 45	0 12	S 19
M20	20 32	18 11	3 47	19 3	3 58	22 47	0 16	6 7	0 1	22 35	0 29	8 8	1 43	20 45	0 12	M20
T 21	20 21	16 27	2 46	19 12	3 47	22 44	0 13	6 20	0 2	22 35	0 29	8 9	1 43	20 46	0 12	T 21
W22	20 9	13 37	1 33	19 22	3 36	22 41	0 11	6 33	0 3	22 35	0 29	8 11	1 43	20 46	0 12	W22
T 23	19 57	9 54	0 14	19 32	3 23	22 37	0 8	6 46	0 4	22 34	0 29	8 12	1 43	20 47	0 12	T 23
F 24	19 45	5 35	1n 6	19 41	3 11	22 32	0 6	7 0	0 5	22 34	0 29	8 13	1 44	20 47	0 12	F 24
S 25	19 32	1 0	2 21	19 50	2 57	22 27	0 3	7 13	0 6	22 34	0 28	8 14	1 44	20 48	0 12	S 25
S 26	19 19	3s35	3 26	19 59	2 44	22 21	0 1	7 26	0 7	22 34	0 28	8 16	1 44	20 48	0 12	S 26
M27	19 5	7 52	4 17	20 8	2 30	22 14	0n 2	7 40	0 8	22 34	0 28	8 17	1 44	20 48	0 12	M27
T 28	18 51	11 38	4 52	20 16	2 16	22 7	0 4	7 53	0 9	22 34	0 28	8 18	1 44	20 49	0 12	T 28
W29	18 37	14 43	5 10	20 23	2 2	21 59	0 7	8 7	0 10	22 34	0 28	8 20	1 44	20 49	0 12	W29
T 30	18 23	16 58	5 12	20 29	1 47	21 51	0 9	8 20	0 11	22 34	0 28	8 21	1 45	20 49	0 12	T 30
F 31	18n 8	18s18	4n57	20n34	1s33	21n42	0n12	8s34	0s12	22s34	0n27	8s22	1s45	20n50	0s12	F 31

Julian Day Number = 2675254.5, Delta T = 21m01s

Ecliptic obliquity = 23°21'26", Nutation = - 0°00'06"

Ayanamsha: Fagan/Bradley = 33°18'26", Lahiri = 32°25'26"

## ASTRODIENST EPHEMERIS for the year 2612

AUGUST 2612

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 38 52	9♏12'16	7♊33	19♊44	23♊40	22♏ 7	20°R28	12°R41	4♏51	29♏54	27♏11	6°R 7	7♏13	18♏24	3♏42	S 1
S 2	20 42 48	10° 9'33	20° 5	21° 6	24°53	22°41	20♊25	12♏37	4°52	29°55	27°11	6♏ 3	7°10	18°31	3°43	S 2
M 3	20 46 45	11° 6'50	2♏26	22°33	26° 6	23°15	20°22	12°34	4°54	29°56	27°12	5°59	7° 7	18°37	3°43	M 3
T 4	20 50 42	12° 4'09	14°36	24° 5	27°20	23°49	20°20	12°30	4°56	29°56	27°12	5°57	7° 4	18°44	3°43	T 4
W 5	20 54 38	13° 1'27	26°36	25°40	28°33	24°24	20°18	12°27	4°58	29°57	27°13	5°55	7° 0	18°51	3°43	W 5
T 6	20 58 35	13°58'47	8♏30	27°19	29°47	24°58	20°15	12°23	5° 0	29°58	27°13	5°D55	6°57	18°57	3°R43	T 6
F 7	21 2 31	14°56'07	20°19	29° 2	1♏ 0	25°33	20°14	12°19	5° 1	29°59	27°14	5°56	6°54	19° 4	3°43	F 7
S 8	21 6 28	15°53'28	2°V 7	0♏49	2°14	26° 8	20°12	12°16	5° 3	29°59	27°14	5°57	6°51	19°10	3°43	S 8
S 9	21 10 24	16°50'50	13°56	2°39	3°27	26°43	20°10	12°12	5° 5	0♏ 0	27°14	5°59	6°48	19°17	3°43	S 9
M10	21 14 21	17°48'13	25°52	4°32	4°41	27°18	20° 9	12° 8	5° 6	0° 1	27°15	6° 0	6°44	19°24	3°43	M10
T 11	21 18 17	18°45'37	7♊58	6°27	5°55	27°53	20° 8	12° 4	5° 8	0° 2	27°15	6° 1	6°41	19°30	3°43	T 11
W12	21 22 14	19°43'02	20°19	8°25	7° 8	28°28	20° 7	12° 0	5° 9	0° 3	27°15	6°R 1	6°38	19°37	3°42	W12
T 13	21 26 11	20°40'28	2♏59	10°25	8°22	29° 4	20° 6	11°56	5°10	0° 4	27°16	6° 1	6°35	19°44	3°42	T 13
F 14	21 30 7	21°37'56	16° 3	12°26	9°36	29°40	20° 5	11°52	5°12	0° 5	27°16	6° 0	6°32	19°50	3°42	F 14
S 15	21 34 4	22°35'25	29°33	14°29	10°49	0♏15	20° 5	11°48	5°13	0° 6	27°16	5°58	6°29	19°57	3°41	S 15
S 16	21 38 0	23°32'54	13♊29	16°32	12° 3	0°51	20° 5	11°44	5°14	0° 8	27°16	5°57	6°25	20° 4	3°41	S 16
M17	21 41 57	24°30'25	27°51	18°36	13°17	1°27	20°D 5	11°40	5°16	0° 9	27°17	5°55	6°22	20°10	3°40	M17
T 18	21 45 53	25°27'58	12♏35	20°41	14°31	2° 4	20° 5	11°35	5°17	0°10	27°17	5°54	6°19	20°17	3°40	T 18
W19	21 49 50	26°25'31	27°33	22°45	15°44	2°40	20° 5	11°31	5°18	0°11	27°17	5°54	6°16	20°24	3°39	W19
T 20	21 53 46	27°23'05	12♏37	24°49	16°58	3°16	20° 5	11°27	5°19	0°12	27°17	5°D54	6°13	20°30	3°38	T 20
F 21	21 57 43	28°20'40	27°40	26°52	18°12	3°53	20° 6	11°22	5°20	0°13	27°17	5°54	6°10	20°37	3°37	F 21
S 22	22 1 40	29°18'16	12♏32	28°55	19°26	4°30	20° 7	11°18	5°21	0°15	27°17	5°55	6° 6	20°44	3°37	S 22
S 23	22 5 36	0♏15'53	27° 8	0♏57	20°40	5° 6	20° 8	11°14	5°22	0°16	27°17	5°55	6° 3	20°50	3°36	S 23
M24	22 9 33	1°13'31	11♏22	2°58	21°54	5°43	20° 9	11° 9	5°23	0°17	27°18	5°56	6° 0	20°57	3°35	M24
T 25	22 13 29	2°11'09	25°14	4°58	23° 8	6°20	20°11	11° 5	5°24	0°19	27°18	5°56	5°57	21° 3	3°34	T 25
W26	22 17 26	3° 8'49	8♏42	6°56	24°22	6°57	20°12	11° 0	5°24	0°20	27°18	5°R56	5°54	21°10	3°33	W26
T 27	22 21 22	4° 6'30	21°49	8°54	25°36	7°35	20°14	10°56	5°25	0°21	27°R18	5°56	5°50	21°17	3°32	T 27
F 28	22 25 19	5° 4'12	4♊36	10°50	26°50	8°12	20°16	10°52	5°26	0°23	27°18	5°56	5°47	21°23	3°31	F 28
S 29	22 29 15	6° 1'54	17° 7	12°45	28° 4	8°50	20°18	10°47	5°27	0°24	27°18	5°D56	5°44	21°30	3°30	S 29
S 30	22 33 12	6°59'38	29°25	14°38	29°18	9°27	20°20	10°43	5°27	0°26	27°18	5°56	5°41	21°37	3°28	S 30
M31	22 37 9	7♏57'23	11♏31	16♏30	0♏32	10♏ 5	20°♊23	10♏38	5♏28	0♏27	27♏17	5♏56	5♏38	21♏43	3♏27	M31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	17n54	18s41	4n28	20n37	1s18	21n32	0n14	8s47	0s13	22s34	0n27	8s24	1s45	20n50	0s12	9s52
S 2	17 38	18 8	3 46	20 39	1 4	21 21	0 17	9 1	0 14	22 34	0 27	8 25	1 45	20 50	0 12	9 52
M 3	17 23	16 43	2 54	20 39	0 50	21 10	0 19	9 14	0 15	22 34	0 27	8 27	1 45	20 51	0 12	9 53
T 4	17 7	14 34	1 55	20 38	0 36	20 59	0 22	9 27	0 16	22 34	0 27	8 28	1 45	20 51	0 12	9 53
W 5	16 51	11 48	0 51	20 34	0 23	20 46	0 24	9 41	0 17	22 34	0 26	8 30	1 46	20 51	0 12	9 53
T 6	16 35	8 35	0s14	20 28	0 10	20 33	0 26	9 54	0 18	22 34	0 26	8 31	1 46	20 52	0 12	9 54
F 7	16 18	5 2	1 19	20 20	0n 3	20 20	0 29	10 8	0 18	22 34	0 26	8 33	1 46	20 52	0 12	9 54
S 8	16 1	1 18	2 20	20 9	0 15	20 6	0 31	10 21	0 19	22 34	0 26	8 34	1 46	20 52	0 12	9 54
S 9	15 44	2n29	3 15	19 56	0 26	19 51	0 33	10 35	0 20	22 34	0 26	8 36	1 46	20 53	0 12	9 55
M10	15 27	6 11	4 2	19 40	0 37	19 36	0 35	10 48	0 21	22 34	0 26	8 38	1 46	20 53	0 12	9 55
T 11	15 9	9 42	4 40	19 21	0 47	19 20	0 38	11 2	0 22	22 34	0 25	8 39	1 47	20 53	0 12	9 56
W12	14 51	12 51	5 5	19 0	0 57	19 4	0 40	11 15	0 23	22 34	0 25	8 41	1 47	20 53	0 12	9 56
T 13	14 33	15 30	5 16	18 37	1 5	18 47	0 42	11 28	0 24	22 34	0 25	8 43	1 47	20 54	0 12	9 56
F 14	14 15	17 27	5 12	18 11	1 13	18 30	0 44	11 42	0 24	22 35	0 25	8 44	1 47	20 54	0 12	9 57
S 15	13 56	18 31	4 51	17 42	1 20	18 12	0 46	11 55	0 25	22 35	0 25	8 46	1 47	20 54	0 12	9 57
S 16	13 37	18 30	4 12	17 12	1 26	17 54	0 48	12 8	0 26	22 35	0 24	8 48	1 47	20 54	0 12	9 58
M17	13 18	17 19	3 16	16 39	1 31	17 35	0 50	12 22	0 27	22 35	0 24	8 49	1 47	20 55	0 12	9 58
T 18	12 59	14 58	2 6	16 4	1 36	17 15	0 52	12 35	0 28	22 35	0 24	8 51	1 48	20 55	0 12	9 58
W19	12 40	11 34	0 46	15 27	1 39	16 55	0 54	12 48	0 28	22 36	0 24	8 53	1 48	20 55	0 12	9 59
T 20	12 20	7 22	0n37	14 48	1 42	16 35	0 56	13 1	0 29	22 36	0 24	8 55	1 48	20 55	0 12	9 59
F 21	12 1	2 44	1 58	14 8	1 44	16 14	0 58	13 14	0 30	22 36	0 23	8 56	1 48	20 55	0 12	10 0
S 22	11 41	2s 1	3 10	13 27	1 45	15 53	0 59	13 27	0 31	22 36	0 23	8 58	1 48	20 56	0 12	10 0
S 23	11 20	6 33	4 8	12 44	1 45	15 31	1 1	13 40	0 31	22 36	0 23	9 0	1 48	20 56	0 12	10 1
M24	11 0	10 36	4 49	12 1	1 45	15 9	1 3	13 53	0 32	22 37	0 23	9 2	1 48	20 56	0 12	10 1
T 25	10 40	13 57	5 12	11 17	1 44	14 46	1 4	14 6	0 33	22 37	0 23	9 3	1 48	20 56	0 12	10 2
W26	10 19	16 27	5 17	10 31	1 43	14 23	1 6	14 19	0 34	22 37	0 23	9 5	1 48	20 56	0 12	10 2
T 27	9 58	18 1	5 6	9 46	1 40	14 0	1 7	14 32	0 34	22 38	0 22	9 7	1 48	20 56	0 12	10 3
F 28	9 37	18 38	4 39	8 59	1 38	13 36	1 9	14 45	0 35	22 38	0 22	9 9	1 49	20 56	0 12	10 3
S 29	9 16	18 18	4 0	8 13	1 35	13 12	1 10	14 57	0 36	22 38	0 22	9 10	1 49	20 57	0 12	10 4
S 30	8 55	17 7	3 10	7 26	1 31	12 48	1 11	15 10	0 36	22 39	0 22	9 12	1 49	20 57	0 12	10 4
M31	8n33	15s 9	2n12	6n39	1n27	12n23	1n13	15s23	0s37	22s39	0n22	9s14	1s49	20n57	0s12	10s 5

Julian Day Number = 2675285.5, Delta T = 21m02s

Ecliptic obliquity = 23°21'26, Nutation = - 0°00'06

Ayanamsha: Fagan/Bradley = 33°18'31, Lahiri = 32°25'31

# ASTRODIENST EPHEMERIS for the year 2612

SEPTEMBER 2612

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 41 5	8♍55'09	23♋30	18♍21	1♍46	10♍43	20♌26	10°R33	5♈28	0♍29	27°R17	5♍56	5♍35	21♋50	3°R26	T 1
W 2	22 45 2	9°52'57	5♋23	20°10	3° 0	11°21	20°28	10°R29	5°29	0°30	27°R17	5°R56	5°31	21°57	3°R25	W 2
T 3	22 48 58	10°50'45	17°12	21°58	4°15	11°59	20°31	10°24	5°29	0°32	27°17	5°56	5°28	22° 3	3°23	T 3
F 4	22 52 55	11°48'36	29° 0	23°44	5°29	12°37	20°35	10°20	5°29	0°34	27°17	5°56	5°25	22°10	3°22	F 4
S 5	22 56 51	12°46'27	10°V49	25°30	6°43	13°15	20°38	10°15	5°30	0°35	27°17	5°55	5°22	22°17	3°20	S 5
S 6	23 0 48	13°44'21	22°41	27°14	7°57	13°54	20°42	10°11	5°30	0°37	27°17	5°54	5°19	22°23	3°19	S 6
M 7	23 4 44	14°42'16	4♌40	28°56	9°11	14°32	20°45	10° 6	5°30	0°38	27°16	5°53	5°16	22°30	3°17	M 7
T 8	23 8 41	15°40'13	16°49	0♌37	10°26	15°11	20°49	10° 2	5°30	0°40	27°16	5°52	5°12	22°37	3°16	T 8
W 9	23 12 37	16°38'11	29°11	2°17	11°40	15°50	20°53	9°57	5°30	0°42	27°16	5°51	5° 9	22°43	3°14	W 9
T 10	23 16 34	17°36'12	11♈49	3°56	12°54	16°28	20°57	9°53	5°R30	0°44	27°16	5°D50	5° 6	22°50	3°12	T 10
F 11	23 20 31	18°34'14	24°48	5°34	14° 9	17° 7	21° 2	9°49	5°30	0°45	27°15	5°50	5° 3	22°57	3°11	F 11
S 12	23 24 27	19°32'18	8♌10	7°10	15°23	17°46	21° 6	9°44	5°30	0°47	27°15	5°51	5° 0	23° 3	3° 9	S 12
S 13	23 28 24	20°30'24	21°58	8°45	16°38	18°25	21°11	9°40	5°30	0°49	27°15	5°52	4°56	23°10	3° 7	S 13
M14	23 32 20	21°28'32	6♌12	10°18	17°52	19° 5	21°16	9°35	5°30	0°51	27°14	5°53	4°53	23°16	3° 5	M14
T 15	23 36 17	22°26'42	20°50	11°51	19° 6	19°44	21°21	9°31	5°30	0°52	27°14	5°54	4°50	23°23	3° 3	T 15
W16	23 40 13	23°24'54	5♍47	13°22	20°21	20°23	21°26	9°27	5°30	0°54	27°14	5°R54	4°47	23°30	3° 1	W16
T 17	23 44 10	24°23'07	20°57	14°52	21°35	21° 3	21°32	9°22	5°29	0°56	27°13	5°54	4°44	23°36	2°59	T 17
F 18	23 48 6	25°21'23	6♌10	16°21	22°50	21°43	21°37	9°18	5°29	0°58	27°13	5°52	4°41	23°43	2°57	F 18
S 19	23 52 3	26°19'39	21°16	17°49	24° 4	22°22	21°43	9°14	5°28	1° 0	27°12	5°50	4°37	23°50	2°55	S 19
S 20	23 56 0	27°17'58	6♍ 6	19°15	25°19	23° 2	21°49	9°10	5°28	1° 2	27°12	5°47	4°34	23°56	2°53	S 20
M21	23 59 56	28°16'18	20°34	20°40	26°33	23°42	21°55	9° 5	5°27	1° 4	27°11	5°44	4°31	24° 3	2°51	M21
T 22	0 3 53	29°14'40	4♌36	22° 4	27°48	24°22	22° 1	9° 1	5°27	1° 6	27°11	5°42	4°28	24°10	2°49	T 22
W23	0 7 49	0♌13'03	18° 9	23°26	29° 3	25° 3	22° 7	8°57	5°26	1° 8	27°10	5°40	4°25	24°16	2°46	W23
T 24	0 11 46	1°11'28	1♌17	24°48	0♌17	25°43	22°13	8°53	5°26	1°10	27°10	5°D40	4°21	24°23	2°44	T 24
F 25	0 15 42	2° 9'54	14° 1	26° 7	1°32	26°23	22°20	8°49	5°25	1°12	27° 9	5°40	4°18	24°30	2°42	F 25
S 26	0 19 39	3° 8'22	26°25	27°26	2°46	27° 4	22°27	8°45	5°24	1°14	27° 9	5°42	4°15	24°36	2°40	S 26
S 27	0 23 35	4° 6'51	8♌34	28°43	4° 1	27°44	22°34	8°42	5°23	1°16	27° 8	5°44	4°12	24°43	2°37	S 27
M28	0 27 32	5° 5'22	20°33	29°58	5°16	28°25	22°41	8°38	5°23	1°18	27° 7	5°45	4° 9	24°50	2°35	M28
T 29	0 31 29	6° 3'55	2♌24	1♍12	6°30	29° 5	22°48	8°34	5°22	1°20	27° 7	5°R46	4° 6	24°56	2°33	T 29
W30	0 35 25	7♌ 2'29	14♌12	2♍24	7♌45	29♍46	22°55	8°30	5♈21	1♍22	27°R 6	5♍46	4♍ 2	25♋ 3	2♌30	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	8n12	12s34	1n 9	5n51	1n22	11n58	1n14	15s35	0s38	22s39	0n22	9s16	1s49	20n57	0s12	10s 6
W 2	7 50	9 28	0 3	5 4	1 17	11 32	1 15	15 48	0 39	22 40	0 21	9 18	1 49	20 57	0 12	10 6
T 3	7 28	6 0	1s 2	4 17	1 12	11 6	1 16	16 0	0 39	22 40	0 21	9 19	1 49	20 57	0 12	10 7
F 4	7 7	2 18	2 5	3 30	1 7	10 40	1 17	16 12	0 40	22 40	0 21	9 21	1 49	20 57	0 12	10 7
S 5	6 45	1n28	3 2	2 43	1 1	10 14	1 18	16 25	0 41	22 41	0 21	9 23	1 49	20 57	0 12	10 8
S 6	6 22	5 13	3 52	1 56	0 55	9 47	1 19	16 37	0 41	22 41	0 21	9 25	1 49	20 57	0 12	10 9
M 7	6 0	8 46	4 32	1 9	0 48	9 20	1 20	16 49	0 42	22 42	0 20	9 26	1 49	20 57	0 12	10 9
T 8	5 38	12 0	5 0	0 23	0 41	8 53	1 21	17 1	0 42	22 42	0 20	9 28	1 49	20 57	0 12	10 10
W 9	5 15	14 47	5 15	0s23	0 34	8 25	1 21	17 12	0 43	22 43	0 20	9 30	1 49	20 57	0 12	10 10
T 10	4 53	16 55	5 15	1 8	0 27	7 57	1 22	17 24	0 44	22 43	0 20	9 32	1 49	20 57	0 12	10 11
F 11	4 30	18 16	5 0	1 54	0 20	7 29	1 23	17 36	0 44	22 44	0 20	9 33	1 49	20 57	0 12	10 12
S 12	4 8	18 39	4 28	2 38	0 13	7 1	1 23	17 48	0 45	22 44	0 20	9 35	1 49	20 57	0 12	10 12
S 13	3 45	17 57	3 40	3 23	0 5	6 33	1 24	17 59	0 46	22 44	0 19	9 37	1 49	20 57	0 12	10 13
M14	3 22	16 7	2 37	4 6	0s 3	6 4	1 24	18 10	0 46	22 45	0 19	9 38	1 49	20 57	0 12	10 14
T 15	2 59	13 12	1 23	4 50	0 10	5 35	1 24	18 22	0 47	22 45	0 19	9 40	1 50	20 57	0 12	10 14
W16	2 36	9 21	0 1	5 32	0 18	5 7	1 25	18 33	0 47	22 46	0 19	9 42	1 50	20 57	0 12	10 15
T 17	2 13	4 50	1n22	6 15	0 26	4 37	1 25	18 44	0 48	22 46	0 19	9 43	1 50	20 57	0 12	10 16
F 18	1 50	0 0	2 40	6 56	0 34	4 8	1 25	18 55	0 49	22 47	0 19	9 45	1 50	20 57	0 12	10 16
S 19	1 27	4s47	3 45	7 37	0 42	3 39	1 25	19 5	0 49	22 47	0 19	9 46	1 50	20 57	0 12	10 17
S 20	1 4	9 12	4 34	8 17	0 50	3 10	1 25	19 16	0 50	22 48	0 18	9 48	1 50	20 57	0 12	10 18
M21	0 41	12 56	5 4	8 57	0 58	2 40	1 25	19 27	0 50	22 49	0 18	9 50	1 50	20 57	0 12	10 18
T 22	0 18	15 49	5 15	9 36	1 7	2 10	1 25	19 37	0 51	22 49	0 18	9 51	1 50	20 57	0 12	10 19
W23	0s 5	17 43	5 8	10 14	1 15	1 41	1 25	19 47	0 51	22 50	0 18	9 53	1 50	20 56	0 12	10 20
T 24	0 28	18 37	4 44	10 51	1 23	1 11	1 25	19 58	0 52	22 50	0 18	9 54	1 50	20 56	0 12	10 20
F 25	0 51	18 31	4 7	11 28	1 31	0 41	1 24	20 8	0 52	22 51	0 18	9 56	1 50	20 56	0 12	10 21
S 26	1 15	17 32	3 20	12 4	1 39	0 11	1 24	20 18	0 53	22 51	0 17	9 57	1 49	20 56	0 12	10 22
S 27	1 38	15 44	2 24	12 38	1 47	0s19	1 23	20 27	0 53	22 52	0 17	9 59	1 49	20 56	0 12	10 23
M28	2 1	13 17	1 23	13 12	1 54	0 49	1 23	20 37	0 54	22 52	0 17	10 0	1 49	20 56	0 12	10 23
T 29	2 24	10 18	0 18	13 45	2 2	1 19	1 22	20 46	0 54	22 53	0 17	10 1	1 49	20 56	0 12	10 24
W30	2s47	6s54	0s46	14s18	2s10	1s49	1n22	20s56	0s55	22s53	0n17	10s 3	1s49	20n55	0s12	10s25

Julian Day Number = 2675316.5, Delta T = 21m02s  
 Ecliptic obliquity = 23°21'27", Nutation = - 0°00'06  
 Ayanamsha: Fagan/Bradley = 33°18'35", Lahiri = 32°25'35"

## ASTRODIENST EPHEMERIS for the year 2612

OCTOBER 2612

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 39 22	8♌ 1°06'	26♋ 0°	3♉ 34	9♏ 0°	0♈ 27	23♈ 3	8°R27	5°R20	1♉ 24	27°R 5	5°R44	3♏ 59	25♋ 10	2°R28	T 1
F 2	0 43 18	8°59'44"	7°V50	4°42'	10°14'	1° 8'	23°10'	8♋ 23	5♉ 19	1°26'	27°R 5	5♏ 40	3°56'	25°16'	2♌ 25	F 2
S 3	0 47 15	9°58'24"	19°44'	5°48'	11°29'	1°49'	23°18'	8°20'	5°18'	1°28'	27° 4'	5°35'	3°53'	25°23'	2°23'	S 3
S 4	0 51 11	10°57'06"	1♌ 44	6°53'	12°44'	2°30'	23°26'	8°16'	5°16'	1°30'	27° 3'	5°29'	3°50'	25°30'	2°20'	S 4
M 5	0 55 8	11°55'50"	13°52'	7°54'	13°58'	3°12'	23°34'	8°13'	5°15'	1°32'	27° 3'	5°23'	3°47'	25°36'	2°18'	M 5
T 6	0 59 4	12°54'36"	26° 9'	8°54'	15°13'	3°53'	23°42'	8° 9'	5°14'	1°35'	27° 2'	5°16'	3°43'	25°43'	2°15'	T 6
W 7	1 3 1	13°53'24"	8♉ 37	9°51'	16°28'	4°34'	23°50'	8° 6'	5°13'	1°37'	27° 1'	5°11'	3°40'	25°50'	2°13'	W 7
T 8	1 6 57	14°52'15"	21°19'	10°45'	17°43'	5°16'	23°58'	8° 3'	5°11'	1°39'	27° 0'	5° 7'	3°37'	25°56'	2°10'	T 8
F 9	1 10 54	15°51'07"	4♌ 17	11°35'	18°57'	5°58'	24° 7'	8° 0'	5°10'	1°41'	26°59'	5° 4'	3°34'	26° 3'	2° 7'	F 9
S 10	1 14 51	16°50'03"	17°34'	12°23'	20°12'	6°39'	24°15'	7°57'	5° 9'	1°43'	26°59'	5°D 3	3°31'	26° 9'	2° 5'	S 10
S 11	1 18 47	17°49'00"	1♏ 12	13° 7'	21°27'	7°21'	24°24'	7°54'	5° 7'	1°45'	26°58'	5° 4'	3°27'	26°16'	2° 2'	S 11
M 12	1 22 44	18°48'00"	15°12'	13°47'	22°42'	8° 3'	24°33'	7°51'	5° 6'	1°48'	26°57'	5° 5'	3°24'	26°23'	1°59'	M 12
T 13	1 26 40	19°47'01"	29°35'	14°22'	23°57'	8°45'	24°42'	7°48'	5° 4'	1°50'	26°56'	5°R 6	3°21'	26°29'	1°57'	T 13
W 14	1 30 37	20°46'05"	14♏ 17	14°53'	25°11'	9°27'	24°51'	7°46'	5° 3'	1°52'	26°55'	5° 6'	3°18'	26°36'	1°54'	W 14
T 15	1 34 33	21°45'12"	29°16'	15°19'	26°26'	10° 9'	25° 0'	7°43'	5° 1'	1°54'	26°54'	5° 4'	3°15'	26°43'	1°51'	T 15
F 16	1 38 30	22°44'20"	14♌ 23	15°39'	27°41'	10°51'	25°10'	7°40'	5° 0'	1°56'	26°53'	5° 0'	3°12'	26°49'	1°49'	F 16
S 17	1 42 26	23°43'31"	29°28'	15°53'	28°56'	11°34'	25°19'	7°38'	4°58'	1°59'	26°53'	4°53'	3° 8'	26°56'	1°46'	S 17
S 18	1 46 23	24°42'43"	14♏ 23	16° 1'	0♏ 11	12°16'	25°29'	7°36'	4°56'	2° 1'	26°52'	4°46'	3° 5'	27° 3'	1°43'	S 18
M 19	1 50 20	25°41'58"	28°58'	16°R 2	1°26'	12°59'	25°38'	7°33'	4°54'	2° 3'	26°51'	4°38'	3° 2'	27° 9'	1°40'	M 19
T 20	1 54 16	26°41'14"	13♌ 7	15°55'	2°41'	13°41'	25°48'	7°31'	4°53'	2° 5'	26°50'	4°30'	2°59'	27°16'	1°38'	T 20
W 21	1 58 13	27°40'32"	26°48'	15°41'	3°56'	14°24'	25°58'	7°29'	4°51'	2° 7'	26°49'	4°24'	2°56'	27°23'	1°35'	W 21
T 22	2 2 9	28°39'52"	10♌ 0	15°18'	5°10'	15° 7'	26° 8'	7°27'	4°49'	2°10'	26°48'	4°20'	2°53'	27°29'	1°32'	T 22
F 23	2 6 6	29°39'14"	22°46'	14°47'	6°25'	15°49'	26°18'	7°25'	4°47'	2°12'	26°47'	4°19'	2°49'	27°36'	1°29'	F 23
S 24	2 10 2	0♏ 38'37"	5♌ 10	14° 8'	7°40'	16°32'	26°28'	7°23'	4°45'	2°14'	26°46'	4°D 18	2°46'	27°43'	1°26'	S 24
S 25	2 13 59	1°38'02"	17°18'	13°20'	8°55'	17°15'	26°39'	7°22'	4°43'	2°16'	26°45'	4°19'	2°43'	27°49'	1°24'	S 25
M 26	2 17 55	2°37'29"	29°13'	12°25'	10°10'	17°58'	26°49'	7°20'	4°41'	2°19'	26°44'	4°R 20	2°40'	27°56'	1°21'	M 26
T 27	2 21 52	3°36'57"	11♌ 2	11°23'	11°25'	18°42'	26°59'	7°19'	4°39'	2°21'	26°43'	4°20'	2°37'	28° 3'	1°18'	T 27
W 28	2 25 49	4°36'28"	22°49'	10°16'	12°40'	19°25'	27°10'	7°17'	4°37'	2°23'	26°42'	4°18'	2°33'	28° 9'	1°15'	W 28
T 29	2 29 45	5°36'00"	4♏ 38	9° 4'	13°55'	20° 8'	27°21'	7°16'	4°35'	2°25'	26°41'	4°14'	2°30'	28°16'	1°13'	T 29
F 30	2 33 42	6°35'34"	16°33'	7°50'	15°10'	20°51'	27°31'	7°15'	4°33'	2°28'	26°40'	4° 7'	2°27'	28°23'	1°10'	F 30
S 31	2 37 38	7♏ 35'09"	28♏ 35	6♏ 35	16♏ 25	21♌ 35	27♌ 42	7♋ 13	4♏ 31	2♏ 30	26♌ 39	3♏ 57	2♏ 24	28♋ 29	1♌ 7	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	3s10	3s15	1s49	14s49	2s17	2s19	1n21	21s 5	0s55	22s54	0n17	10s 4	1s49	20n55	0s12	10s25	1n36
F 2	3 33	0n33	2 46	15 19	2 24	2 49	1 20	21 14	0 56	22 54	0 17	10 5	1 49	20 55	0 12	10 26	1 36
S 3	3 56	4 20	3 37	15 48	2 31	3 18	1 19	21 22	0 56	22 55	0 16	10 7	1 49	20 55	0 12	10 27	1 36
S 4	4 19	7 59	4 19	16 15	2 38	3 48	1 19	21 31	0 57	22 55	0 16	10 8	1 49	20 55	0 12	10 28	1 36
M 5	4 42	11 20	4 49	16 42	2 45	4 18	1 18	21 40	0 57	22 56	0 16	10 9	1 49	20 55	0 12	10 28	1 36
T 6	5 5	14 15	5 7	17 7	2 51	4 48	1 17	21 48	0 58	22 57	0 16	10 10	1 49	20 54	0 12	10 29	1 36
W 7	5 28	16 34	5 10	17 31	2 57	5 17	1 16	21 56	0 58	22 57	0 16	10 11	1 49	20 54	0 12	10 30	1 36
T 8	5 50	18 7	4 58	17 53	3 3	5 47	1 14	22 4	0 59	22 58	0 16	10 13	1 49	20 54	0 12	10 31	1 36
F 9	6 13	18 46	4 31	18 14	3 8	6 16	1 13	22 12	0 59	22 58	0 16	10 14	1 49	20 54	0 12	10 31	1 36
S 10	6 36	18 25	3 49	18 34	3 13	6 45	1 12	22 19	0 59	22 59	0 15	10 15	1 49	20 53	0 12	10 32	1 36
S 11	6 58	17 0	2 53	18 51	3 17	7 14	1 11	22 27	1 0	22 59	0 15	10 16	1 49	20 53	0 12	10 33	1 36
M 12	7 20	14 32	1 46	19 7	3 21	7 43	1 9	22 34	1 0	23 0	0 15	10 17	1 49	20 53	0 12	10 34	1 36
T 13	7 43	11 7	0 30	19 21	3 24	8 12	1 8	22 41	1 1	23 0	0 15	10 18	1 49	20 53	0 12	10 34	1 36
W 14	8 5	6 55	0n50	19 32	3 27	8 41	1 7	22 48	1 1	23 1	0 15	10 19	1 49	20 52	0 12	10 35	1 36
T 15	8 27	2 14	2 7	19 42	3 28	9 9	1 5	22 55	1 1	23 1	0 15	10 20	1 49	20 52	0 12	10 36	1 36
F 16	8 49	2s38	3 16	19 48	3 29	9 37	1 4	23 1	1 2	23 2	0 15	10 20	1 48	20 52	0 12	10 37	1 36
S 17	9 11	7 20	4 11	19 52	3 29	10 5	1 2	23 7	1 2	23 2	0 14	10 21	1 48	20 51	0 12	10 37	1 36
S 18	9 32	11 30	4 48	19 53	3 28	10 33	1 0	23 13	1 3	23 3	0 14	10 22	1 48	20 51	0 12	10 38	1 36
M 19	9 54	14 53	5 6	19 51	3 26	11 1	0 59	23 19	1 3	23 3	0 14	10 23	1 48	20 51	0 12	10 39	1 36
T 20	10 15	17 16	5 4	19 46	3 22	11 28	0 57	23 25	1 3	23 3	0 14	10 24	1 48	20 51	0 12	10 40	1 36
W 21	10 37	18 35	4 44	19 37	3 17	11 55	0 55	23 30	1 4	23 4	0 14	10 24	1 48	20 50	0 12	10 40	1 36
T 22	10 58	18 50	4 10	19 24	3 10	12 22	0 53	23 35	1 4	23 4	0 14	10 25	1 48	20 50	0 12	10 41	1 36
F 23	11 19	18 5	3 24	19 7	3 2	12 48	0 51	23 40	1 4	23 5	0 14	10 26	1 48	20 50	0 12	10 42	1 36
S 24	11 40	16 29	2 30	18 46	2 52	13 14	0 50	23 45	1 5	23 5	0 14	10 26	1 48	20 49	0 12	10 43	1 36
S 25	12 0	14 10	1 30	18 20	2 40	13 40	0 48	23 50	1 5	23 5	0 13	10 27	1 48	20 49	0 12	10 44	1 36
M 26	12 21	11 17	0 27	17 50	2 27	14 6	0 46	23 54	1 5	23 6	0 13	10 27	1 48	20 48	0 12	10 44	1 36
T 27	12 41	7 57	0s36	17 17	2 11	14 31	0 44	23 58	1 6	23 6	0 13	10 28	1 47	20 48	0 12	10 45	1 36
W 28	13 1	4 20	1 37	16 39	1 54	14 56	0 41	24 2	1 6	23 7	0 13	10 28	1 47	20 48	0 12	10 46	1 36
T 29	13 21	0 32	2 35	15 59	1 36	15 20	0 39	24 6	1 6	23 7	0 13	10 29	1 47	20 47	0 12	10 47	1 36
F 30	13 40	3n19	3 25	15 17	1 17	15 44	0 37	24 9	1 7	23 7	0 13	10 29	1 47	20 47	0 12	10 47	1 36
S 31	14s 0	7n 4	4s 8	14s33	0s56	16s 8	0n35	24s12	1s 7	23s 8	0n13	10s29	1s47	20n47	0s12	10s48	1n36

Julian Day Number = 2675346.5, Delta T = 21m02s

Ecliptic obliquity = 23°21'27", Nutation = - 0°00'08"

Ayanamsha: Fagan/Bradley = 33°18'39", Lahiri = 32°25'39"

## ASTRODIENST EPHEMERIS for the year 2612

NOVEMBER 2612

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 41 35	8♉34°47'	10♈46°	5°R22	17♉39	22♈18	27♈53	7°R12	4°R29	2♉32	26°R38	3°R46	2♉21	28♈36	1°R 4	S 1
M 2	2 45 31	9°34'27"	23° 8'	4♉14	18°54'	23° 2'	28° 4'	7♈11	4♉27	2°34	26°R37	3♉34	2°18	28°43'	1°R 2	M 2
T 3	2 49 28	10°34'09"	5♉40	3°12'	20° 9'	23°46'	28°15'	7°11'	4°24'	2°36'	26°36'	3°21'	2°14'	28°49'	0°59'	T 3
W 4	2 53 24	11°33'53"	18°23'	2°17'	21°24'	24°29'	28°27'	7°10'	4°22'	2°39'	26°34'	3°11'	2°11'	28°56'	0°56'	W 4
T 5	2 57 21	12°33'39"	1♉18	1°32'	22°39'	25°13'	28°38'	7° 9'	4°20'	2°41'	26°33'	3° 2'	2° 8'	29° 3'	0°53'	T 5
F 6	3 1 18	13°33'27"	14°24'	0°58'	23°54'	25°57'	28°49'	7° 9'	4°18'	2°43'	26°32'	2°56'	2° 5'	29° 9'	0°51'	F 6
S 7	3 5 14	14°33'18"	27°44'	0°35'	25° 9'	26°41'	29° 1'	7° 8'	4°15'	2°45'	26°31'	2°53'	2° 2'	29°16'	0°48'	S 7
S 8	3 9 11	15°33'11"	11♉19	0°24'	26°24'	27°25'	29°12'	7° 8'	4°13'	2°47'	26°30'	2°D51	1°58'	29°23'	0°45'	S 8
M 9	3 13 7	16°33'05"	25° 9'	0°D24	27°39'	28° 9'	29°24'	7° 8'	4°11'	2°50'	26°29'	2°R51	1°55'	29°29'	0°43'	M 9
T 10	3 17 4	17°33'02"	9♉16	0°35'	28°54'	28°53'	29°36'	7° 8'	4° 8'	2°52'	26°28'	2°51'	1°52'	29°36'	0°40'	T 10
W 11	3 21 0	18°33'01"	23°39'	0°56'	0♈9	29°37'	29°47'	7°D 8	4° 6'	2°54'	26°27'	2°50'	1°49'	29°43'	0°38'	W 11
T 12	3 24 57	19°33'03"	8♉16	1°28'	1°24'	0♈22	29°59'	7° 8'	4° 4'	2°56'	26°26'	2°46'	1°46'	29°49'	0°35'	T 12
F 13	3 28 53	20°33'06"	23° 2'	2° 8'	2°39'	1° 6'	0♈11	7° 8'	4° 1'	2°58'	26°25'	2°40'	1°43'	29°56'	0°32'	F 13
S 14	3 32 50	21°33'11"	7♉50	2°55'	3°54'	1°51'	0°23'	7° 8'	3°59'	3° 0'	26°23'	2°30'	1°39'	0°Y 3	0°30'	S 14
S 15	3 36 47	22°33'19"	22°32'	3°51'	5° 9'	2°35'	0°35'	7° 8'	3°56'	3° 3'	26°22'	2°19'	1°36'	0° 9'	0°27'	S 15
M 16	3 40 43	23°33'28"	7♈0	4°52'	6°24'	3°20'	0°47'	7° 9'	3°54'	3° 5'	26°21'	2° 7'	1°33'	0°16'	0°25'	M 16
T 17	3 44 40	24°33'39"	21° 7'	5°59'	7°39'	4° 4'	1° 0'	7°10'	3°51'	3° 7'	26°20'	1°55'	1°30'	0°23'	0°22'	T 17
W 18	3 48 36	25°33'51"	4♈49	7°10'	8°54'	4°49'	1°12'	7°10'	3°49'	3° 9'	26°19'	1°45'	1°27'	0°29'	0°20'	W 18
T 19	3 52 33	26°34'05"	18° 4'	8°26'	10° 9'	5°34'	1°24'	7°11'	3°46'	3°11'	26°18'	1°38'	1°24'	0°36'	0°17'	T 19
F 20	3 56 29	27°34'21"	0♈53	9°45'	11°24'	6°19'	1°37'	7°12'	3°44'	3°13'	26°17'	1°34'	1°20'	0°43'	0°15'	F 20
S 21	4 0 26	28°34'38"	13°20'	11° 6'	12°39'	7° 4'	1°49'	7°13'	3°41'	3°15'	26°16'	1°31'	1°17'	0°49'	0°13'	S 21
S 22	4 4 22	29°34'56"	25°29'	12°31'	13°54'	7°49'	2° 1'	7°14'	3°39'	3°17'	26°15'	1°31'	1°14'	0°56'	0°10'	S 22
M 23	4 8 19	0♈35'16"	7♈15	13°57'	15° 9'	8°34'	2°14'	7°15'	3°36'	3°19'	26°13'	1°31'	1° 8'	0° 8'	0° 8'	M 23
T 24	4 12 16	1°35'37"	19°24'	15°25'	16°24'	9°19'	2°27'	7°17'	3°34'	3°21'	26°12'	1°30'	1° 8'	0° 9'	0° 6'	T 24
W 25	4 16 12	2°36'00"	1°Y 2	16°55'	17°39'	10° 4'	2°39'	7°18'	3°31'	3°23'	26°11'	1°28'	1° 4'	0°16'	0° 3'	W 25
T 26	4 20 9	3°36'24"	12°54'	18°25'	18°54'	10°49'	2°52'	7°20'	3°29'	3°25'	26°10'	1°23'	1° 1'	1°22'	0° 1'	T 26
F 27	4 24 5	4°36'49"	24°53'	19°57'	20° 9'	11°34'	3° 5'	7°21'	3°26'	3°27'	26° 9'	1°15'	0°58'	1°29'	29°Y59	F 27
S 28	4 28 2	5°37'16"	7♈3	21°29'	21°24'	12°20'	3°18'	7°23'	3°24'	3°29'	26° 8'	1° 4'	0°55'	1°36'	29°57'	S 28
S 29	4 31 58	6°37'44"	19°26'	23° 2'	22°39'	13° 5'	3°31'	7°25'	3°21'	3°31'	26° 7'	0°52'	0°52'	1°42'	29°55'	S 29
M 30	4 35 55	7°38'13"	2♉3	24♉35	23♈54	13♈51	3♈43	7♈27	3♉19	3♉33	26♈6	0♉38	0♉49	1°Y49	29°Y53	M 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	14s19	10n35	4s39	13s50	0s36	16s31	0n33	24s15	1s 7	23s 8	0n13	10s29	1s47	20n46	0s12	10s49
M 2	14 38	13 41	4 58	13 7	0 15	16 54	0 31	24 18	1 7	23 8	0 12	10 30	1 47	20 46	0 12	10 50
T 3	14 57	16 13	5 2	12 27	0n 5	17 16	0 28	24 20	1 8	23 8	0 12	10 30	1 47	20 45	0 12	10 50
W 4	15 15	18 0	4 52	11 51	0 25	17 38	0 26	24 22	1 8	23 9	0 12	10 30	1 47	20 45	0 12	10 51
T 5	15 33	18 54	4 27	11 18	0 43	17 59	0 24	24 24	1 8	23 9	0 12	10 30	1 47	20 45	0 12	10 52
F 6	15 51	18 49	3 47	10 51	0 59	18 20	0 21	24 26	1 8	23 9	0 12	10 30	1 46	20 44	0 12	10 53
S 7	16 9	17 41	2 55	10 28	1 15	18 41	0 19	24 28	1 9	23 9	0 12	10 30	1 46	20 44	0 12	10 53
S 8	16 26	15 32	1 52	10 12	1 28	19 1	0 17	24 29	1 9	23 10	0 12	10 30	1 46	20 43	0 12	10 54
M 9	16 44	12 27	0 41	10 1	1 40	19 20	0 14	24 30	1 9	23 10	0 12	10 30	1 46	20 43	0 12	10 55
T 10	17 1	8 36	0n34	9 56	1 49	19 39	0 12	24 31	1 9	23 10	0 11	10 30	1 46	20 42	0 12	10 55
W 11	17 17	4 10	1 48	9 56	1 57	19 58	0 9	24 31	1 10	23 10	0 11	10 30	1 46	20 42	0 12	10 56
T 12	17 34	0s34	2 56	10 0	2 4	20 15	0 7	24 31	1 10	23 10	0 11	10 30	1 46	20 42	0 12	10 57
F 13	17 50	5 19	3 53	10 9	2 9	20 33	0 5	24 31	1 10	23 10	0 11	10 30	1 46	20 41	0 12	10 58
S 14	18 5	9 45	4 34	10 23	2 12	20 49	0 2	24 31	1 10	23 10	0 11	10 30	1 45	20 41	0 12	10 58
S 15	18 21	13 33	4 57	10 39	2 14	21 5	0s 0	24 30	1 10	23 10	0 11	10 29	1 45	20 40	0 12	10 59
M 16	18 36	16 29	5 0	10 59	2 15	21 21	0 3	24 29	1 10	23 10	0 11	10 29	1 45	20 40	0 12	11 0
T 17	18 51	18 20	4 44	11 21	2 15	21 36	0 5	24 28	1 11	23 11	0 11	10 29	1 45	20 39	0 12	11 0
W 18	19 5	19 4	4 13	11 45	2 13	21 50	0 8	24 27	1 11	23 11	0 11	10 28	1 45	20 39	0 12	11 1
T 19	19 19	18 42	3 28	12 11	2 11	22 4	0 10	24 25	1 11	23 10	0 10	10 28	1 45	20 38	0 12	11 2
F 20	19 33	17 23	2 35	12 39	2 9	22 17	0 13	24 23	1 11	23 10	0 10	10 28	1 45	20 38	0 12	11 2
S 21	19 46	15 15	1 35	13 8	2 5	22 29	0 15	24 21	1 11	23 10	0 10	10 27	1 45	20 38	0 12	11 3
S 22	20 0	12 29	0 32	13 37	2 1	22 41	0 18	24 19	1 11	23 10	0 10	10 27	1 45	20 37	0 12	11 4
M 23	20 12	9 14	0s31	14 7	1 56	22 52	0 20	24 16	1 12	23 10	0 10	10 26	1 44	20 37	0 12	11 4
T 24	20 25	5 40	1 32	14 38	1 51	23 3	0 23	24 13	1 12	23 10	0 10	10 25	1 44	20 36	0 12	11 5
W 25	20 37	1 53	2 30	15 8	1 46	23 12	0 25	24 10	1 12	23 10	0 10	10 25	1 44	20 36	0 12	11 6
T 26	20 48	2n 0	3 20	15 39	1 40	23 21	0 28	24 7	1 12	23 10	0 10	10 24	1 44	20 35	0 12	11 6
F 27	20 59	5 50	4 3	16 9	1 34	23 30	0 30	24 3	1 12	23 10	0 10	10 23	1 44	20 35	0 12	11 7
S 28	21 10	9 29	4 35	16 40	1 28	23 37	0 33	23 59	1 12	23 9	0 10	10 23	1 44	20 34	0 12	11 8
S 29	21 21	12 48	4 54	17 9	1 21	23 44	0 35	23 55	1 12	23 9	0 9	10 22	1 44	20 34	0 12	11 8
M 30	21s31	15n36	5s 0	17s39	1n15	23s50	0s37	23s50	1s12	23s 9	0n 9	10s21	1s44	20n33	0s12	11s 9

Julian Day Number = 2675377.5, Delta T = 21m03s

Ecliptic obliquity = 23°21'27", Nutation = - 0°00'10"

Ayanamsha: Fagan/Bradley = 33°18'43", Lahiri = 32°25'43"

## ASTRODIENST EPHEMERIS for the year 2612

DECEMBER 2612

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 39 51	8♂38'45	14♂54	26♂ 9	25♂ 9	14♂36	3♂56	7♂29	3♂R16	3♂M35	26♂R 5	0♂R24	0♂M45	1♂Y56	29♂R51	T 1
W 2	4 43 48	9♂39'17	27♂58	27♂43	26♂23	15♂22	4♂ 9	7♂31	3♂II14	3♂37	26♂R 3	0♂M12	0♂42	2♂ 2	29♂Y49	W 2
T 3	4 47 45	10♂39'51	11♂54	29♂17	27♂38	16♂ 7	4♂23	7♂33	3♂12	3♂39	26♂ 2	0♂ 2	0♂39	2♂ 9	29♂47	T 3
F 4	4 51 41	11♂40'27	24♂40	0♂♂52	28♂53	16♂53	4♂36	7♂35	3♂ 9	3♂41	26♂ 1	29♂Ω55	0♂36	2♂16	29♂45	F 4
S 5	4 55 38	12♂41'05	8♂Ω15	2♂26	0♂R 8	17♂39	4♂49	7♂38	3♂ 7	3♂43	26♂ 0	29♂51	0♂33	2♂22	29♂43	S 5
S 6	4 59 34	13♂41'43	21♂59	4♂ 0	1♂23	18♂24	5♂ 2	7♂40	3♂ 4	3♂44	25♂59	29♂49	0♂30	2♂29	29♂41	S 6
M 7	5 3 31	14♂42'24	5♂M52	5♂35	2♂38	19♂10	5♂15	7♂43	3♂ 2	3♂46	25♂58	29♂D49	0♂26	2♂36	29♂39	M 7
T 8	5 7 27	15♂43'06	19♂52	7♂ 9	3♂53	19♂56	5♂28	7♂46	2♂59	3♂48	25♂57	29♂R49	0♂23	2♂42	29♂38	T 8
W 9	5 11 24	16♂43'50	4♂ 1	8♂43	5♂ 8	20♂42	5♂42	7♂48	2♂57	3♂50	25♂56	29♂48	0♂20	2♂49	29♂36	W 9
T 10	5 15 20	17♂44'35	18♂17	10♂18	6♂23	21♂28	5♂55	7♂51	2♂54	3♂52	25♂55	29♂45	0♂17	2♂56	29♂34	T 10
F 11	5 19 17	18♂45'22	2♂M38	11♂52	7♂38	22♂14	6♂ 8	7♂54	2♂52	3♂53	25♂54	29♂39	0♂14	3♂ 2	29♂33	F 11
S 12	5 23 14	19♂46'10	16♂59	13♂26	8♂53	23♂ 0	6♂22	7♂57	2♂50	3♂55	25♂53	29♂30	0♂10	3♂ 9	29♂31	S 12
S 13	5 27 10	20♂47'00	1♂♂16	15♂ 0	10♂ 8	23♂46	6♂35	8♂ 1	2♂47	3♂57	25♂52	29♂19	0♂ 7	3♂16	29♂30	S 13
M14	5 31 7	21♂47'51	15♂22	16♂35	11♂23	24♂32	6♂49	8♂ 4	2♂45	3♂58	25♂51	29♂ 8	0♂ 4	3♂22	29♂28	M14
T 15	5 35 3	22♂48'43	29♂12	18♂ 9	12♂38	25♂19	7♂ 2	8♂ 7	2♂43	4♂ 0	25♂50	28♂57	0♂ 1	3♂29	29♂27	T 15
W16	5 39 0	23♂49'36	12♂♂43	19♂43	13♂53	26♂ 5	7♂16	8♂11	2♂40	4♂ 2	25♂49	28♂47	29♂Ω58	3♂36	29♂26	W16
T 17	5 42 56	24♂50'30	25♂52	21♂17	15♂ 8	26♂51	7♂29	8♂14	2♂38	4♂ 3	25♂48	28♂40	29♂55	3♂42	29♂24	T 17
F 18	5 46 53	25♂51'25	8♂♂39	22♂51	16♂23	27♂38	7♂43	8♂18	2♂36	4♂ 5	25♂47	28♂35	29♂51	3♂49	29♂23	F 18
S 19	5 50 49	26♂52'20	21♂ 6	24♂25	17♂38	28♂24	7♂57	8♂22	2♂34	4♂ 6	25♂46	28♂33	29♂48	3♂56	29♂22	S 19
S 20	5 54 46	27♂53'17	3♂♂16	25♂59	18♂53	29♂11	8♂10	8♂25	2♂31	4♂ 8	25♂45	28♂D33	29♂45	4♂ 3	29♂21	S 20
M21	5 58 43	28♂54'14	15♂14	27♂34	20♂ 8	29♂57	8♂24	8♂29	2♂29	4♂ 9	25♂44	28♂34	29♂42	4♂ 9	29♂20	M21
T 22	6 2 39	29♂55'11	27♂ 5	29♂ 8	21♂22	0♂♂44	8♂37	8♂33	2♂27	4♂11	25♂43	28♂R35	29♂39	4♂16	29♂18	T 22
W23	6 6 36	0♂♂56'09	8♂Y54	0♂♂42	22♂37	1♂30	8♂51	8♂37	2♂25	4♂12	25♂42	28♂34	29♂36	4♂23	29♂17	W23
T 24	6 10 32	1♂57'08	20♂46	2♂17	23♂52	2♂17	9♂ 5	8♂41	2♂23	4♂13	25♂41	28♂32	29♂32	4♂29	29♂17	T 24
F 25	6 14 29	2♂58'07	2♂♂48	3♂51	25♂ 7	3♂ 3	9♂18	8♂46	2♂21	4♂15	25♂41	28♂28	29♂29	4♂36	29♂16	F 25
S 26	6 18 25	3♂59'07	15♂ 2	5♂26	26♂22	3♂50	9♂32	8♂50	2♂19	4♂16	25♂40	28♂21	29♂26	4♂43	29♂15	S 26
S 27	6 22 22	5♂ 0'07	27♂32	7♂ 1	27♂37	4♂37	9♂46	8♂54	2♂17	4♂17	25♂39	28♂12	29♂23	4♂49	29♂14	S 27
M28	6 26 18	6♂ 1'08	10♂II20	8♂35	28♂52	5♂23	10♂ 0	8♂59	2♂15	4♂19	25♂38	28♂ 3	29♂20	4♂56	29♂13	M28
T 29	6 30 15	7♂ 2'09	23♂28	10♂11	0♂♂ 7	6♂10	10♂13	9♂ 3	2♂13	4♂20	25♂37	27♂53	29♂16	5♂ 3	29♂13	T 29
W30	6 34 12	8♂ 3'11	6♂♂53	11♂46	1♂21	6♂57	10♂27	9♂ 8	2♂11	4♂21	25♂36	27♂45	29♂13	5♂ 9	29♂12	W30
T 31	6 38 8	9♂♂ 4'14	20♂♂33	13♂♂21	2♂♂36	7♂♂44	10♂♂41	9♂♂13	2♂II 9	4♂M22	25♂♂36	27♂Ω38	29♂Ω10	5♂Y16	29♂Y11	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	21s40	17n41	4s51	18s 8	1n 8	23s56	0s40	23s45	1s12	23s 9	0n 9	10s20	1s43	20n33	0s12	T 1
W 2	21 49	18 54	4 26	18 36	1 1	24 1	0 42	23 40	1 12	23 8	0 9	10 19	1 43	20 32	0 12	W 2
T 3	21 58	19 7	3 47	19 3	0 54	24 5	0 44	23 35	1 12	23 8	0 9	10 18	1 43	20 32	0 12	T 3
F 4	22 7	18 15	2 55	19 30	0 47	24 8	0 47	23 30	1 12	23 8	0 9	10 17	1 43	20 32	0 12	F 4
S 5	22 14	16 20	1 52	19 56	0 40	24 10	0 49	23 24	1 12	23 7	0 9	10 16	1 43	20 31	0 12	S 5
S 6	22 22	13 29	0 41	20 20	0 33	24 12	0 51	23 18	1 12	23 7	0 9	10 15	1 43	20 31	0 12	S 6
M 7	22 29	9 50	0n32	20 44	0 26	24 13	0 53	23 11	1 12	23 7	0 9	10 14	1 43	20 30	0 12	M 7
T 8	22 36	5 36	1 44	21 8	0 19	24 14	0 56	23 5	1 12	23 6	0 9	10 13	1 43	20 30	0 12	T 8
W 9	22 42	1 1	2 51	21 30	0 11	24 13	0 58	22 58	1 12	23 6	0 8	10 12	1 43	20 29	0 12	W 9
T 10	22 48	3s38	3 47	21 51	0 4	24 12	1 0	22 51	1 12	23 5	0 8	10 11	1 42	20 29	0 12	T 10
F 11	22 53	8 7	4 30	22 10	0s 2	24 10	1 2	22 43	1 12	23 5	0 8	10 9	1 42	20 28	0 11	F 11
S 12	22 58	12 8	4 55	22 29	0 9	24 8	1 4	22 36	1 12	23 4	0 8	10 8	1 42	20 28	0 11	S 12
S 13	23 2	15 25	5 2	22 47	0 16	24 4	1 6	22 28	1 12	23 4	0 8	10 7	1 42	20 27	0 11	S 13
M14	23 6	17 45	4 50	23 4	0 23	24 0	1 8	22 20	1 12	23 3	0 8	10 6	1 42	20 27	0 11	M14
T 15	23 10	19 0	4 22	23 19	0 29	23 55	1 10	22 11	1 12	23 2	0 8	10 4	1 42	20 27	0 11	T 15
W16	23 13	19 7	3 39	23 33	0 36	23 50	1 12	22 3	1 12	23 2	0 8	10 3	1 42	20 26	0 11	W16
T 17	23 15	18 12	2 45	23 46	0 42	23 43	1 14	21 54	1 12	23 1	0 8	10 1	1 42	20 26	0 11	T 17
F 18	23 18	16 21	1 44	23 58	0 48	23 36	1 15	21 45	1 12	23 0	0 8	10 0	1 42	20 25	0 11	F 18
S 19	23 19	13 47	0 40	24 9	0 54	23 29	1 17	21 35	1 12	23 0	0 7	9 59	1 41	20 25	0 11	S 19
S 20	23 20	10 40	0s25	24 18	1 0	23 20	1 19	21 26	1 12	22 59	0 7	9 57	1 41	20 24	0 11	S 20
M21	23 21	7 9	1 28	24 26	1 6	23 11	1 21	21 16	1 12	22 58	0 7	9 55	1 41	20 24	0 11	M21
T 22	23 21	3 24	2 27	24 33	1 12	23 1	1 22	21 6	1 12	22 57	0 7	9 54	1 41	20 24	0 11	T 22
W23	23 21	0n28	3 19	24 38	1 17	22 51	1 24	20 55	1 12	22 57	0 7	9 52	1 41	20 23	0 11	W23
T 24	23 21	4 20	4 3	24 43	1 22	22 39	1 25	20 45	1 12	22 56	0 7	9 51	1 41	20 23	0 11	T 24
F 25	23 19	8 4	4 36	24 45	1 27	22 27	1 27	20 34	1 12	22 55	0 7	9 49	1 41	20 22	0 11	F 25
S 26	23 18	11 32	4 58	24 47	1 32	22 15	1 28	20 23	1 11	22 54	0 7	9 47	1 41	20 22	0 11	S 26
S 27	23 16	14 34	5 6	24 47	1 37	22 1	1 29	20 12	1 11	22 53	0 7	9 45	1 41	20 22	0 11	S 27
M28	23 13	16 59	4 59	24 46	1 41	21 48	1 30	20 0	1 11	22 52	0 7	9 44	1 41	20 21	0 11	M28
T 29	23 10	18 35	4 37	24 43	1 45	21 33	1 32	19 49	1 11	22 51	0 7	9 42	1 40	20 21	0 11	T 29
W30	23 7	19 13	3 58	24 39	1 49	21 18	1 33	19 37	1 11	22 50	0 6	9 40	1 40	20 21	0 11	W30
T 31	23s 3	18n44	3s 6	24s33	1s53	21s 2	1s34	19s25	1s11	22s49	0n 6	9s38	1s40	20n20	0s11	T 31

Julian Day Number = 2675407.5, Delta T = 21m03s

Ecliptic obliquity = 23°21'26", Nutation = - 0°00'10"

Ayanamsha: Fagan/Bradley = 33°18'48", Lahiri = 32°25'47"

## ASTRODIENST EPHEMERIS for the year 2613

JANUARY 2613

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	6 42 5	10 <sup>3</sup> 5'17	4 <sup>2</sup> 25	14 <sup>3</sup> 57	3 <sup>3</sup> 51	8 <sup>3</sup> 31	10 <sup>3</sup> 55	9 <sup>3</sup> 18	2°R 7	4 <sup>3</sup> 24	25°R35	27°R33	29 <sup>3</sup> 7	5 <sup>3</sup> 23	29°R11	F 1
S 2	6 46 1	11° 6'20	18°27	16°33	5° 6	9°18	11° 8	9°22	2 <sup>3</sup> II 6	4°25	25°34	27°31	29° 4	5°29	29°V10	S 2
S 3	6 49 58	12° 7'24	2 <sup>3</sup> 33	18° 9	6°20	10° 5	11°22	9°27	2° 4	4°26	25°33	27°D30	29° 1	5°36	29°10	S 3
M 4	6 53 54	13° 8'29	16°42	19°45	7°35	10°52	11°36	9°32	2° 2	4°27	25°33	27°31	28°57	5°43	29°10	M 4
T 5	6 57 51	14° 9'35	0 <sup>3</sup> 52	21°21	8°50	11°39	11°50	9°37	2° 0	4°28	25°32	27°33	28°54	5°49	29° 9	T 5
W 6	7 1 47	15°10'41	15° 0	22°58	10° 5	12°26	12° 3	9°42	1°59	4°29	25°31	27°R33	28°51	5°56	29° 9	W 6
T 7	7 5 44	16°11'48	29° 6	24°34	11°19	13°13	12°17	9°48	1°57	4°30	25°31	27°33	28°48	6° 3	29° 9	T 7
F 8	7 9 41	17°12'55	13 <sup>3</sup> 8	26°11	12°34	14° 0	12°31	9°53	1°56	4°31	25°30	27°30	28°45	6° 9	29° 9	F 8
S 9	7 13 37	18°14'03	27° 4	27°48	13°49	14°47	12°45	9°58	1°54	4°32	25°29	27°25	28°42	6°16	29° 9	S 9
S 10	7 17 34	19°15'11	10 <sup>3</sup> 52	29°25	15° 3	15°34	12°58	10° 4	1°53	4°33	25°29	27°20	28°38	6°23	29°D 9	S 10
M11	7 21 30	20°16'20	24°30	1 <sup>3</sup> 3	16°18	16°21	13°12	10° 9	1°51	4°34	25°28	27°13	28°35	6°29	29° 9	M11
T 12	7 25 27	21°17'29	7 <sup>3</sup> 54	2°40	17°33	17° 8	13°26	10°15	1°50	4°34	25°28	27° 7	28°32	6°36	29° 9	T 12
W13	7 29 23	22°18'38	21° 4	4°17	18°47	17°55	13°39	10°20	1°48	4°35	25°27	27° 1	28°29	6°43	29° 9	W13
T 14	7 33 20	23°19'47	3 <sup>3</sup> 57	5°54	20° 2	18°43	13°53	10°26	1°47	4°36	25°27	26°57	28°26	6°49	29° 9	T 14
F 15	7 37 17	24°20'57	16°34	7°30	21°16	19°30	14° 7	10°32	1°46	4°37	25°26	26°55	28°22	6°56	29°10	F 15
S 16	7 41 13	25°22'05	28°56	9° 6	22°31	20°17	14°20	10°37	1°45	4°37	25°26	26°D55	28°19	7° 3	29°10	S 16
S 17	7 45 10	26°23'14	11 <sup>3</sup> 3	10°42	23°45	21° 4	14°34	10°43	1°44	4°38	25°25	26°56	28°16	7° 9	29°10	S 17
M18	7 49 6	27°24'22	23° 1	12°17	25° 0	21°52	14°48	10°49	1°42	4°39	25°25	26°57	28°13	7°16	29°11	M18
T 19	7 53 3	28°25'30	4 <sup>3</sup> 52	13°51	26°14	22°39	15° 1	10°55	1°41	4°39	25°24	26°59	28°10	7°23	29°11	T 19
W20	7 56 59	29°26'38	16°41	15°24	27°29	23°26	15°15	11° 1	1°40	4°40	25°24	27° 1	28° 7	7°29	29°12	W20
T 21	8 0 56	0 <sup>3</sup> 27'45	28°33	16°55	28°43	24°14	15°29	11° 7	1°39	4°40	25°23	27°R 1	28° 3	7°36	29°13	T 21
F 22	8 4 52	1°28'52	10 <sup>3</sup> 34	18°25	29°58	25° 1	15°42	11°13	1°38	4°41	25°23	27° 1	28° 0	7°43	29°13	F 22
S 23	8 8 49	2°29'58	22°47	19°52	1 <sup>3</sup> 12	25°48	15°56	11°20	1°38	4°41	25°23	26°59	27°57	7°49	29°14	S 23
S 24	8 12 46	3°31'03	5 <sup>3</sup> II 7	21°17	2°26	26°36	16° 9	11°26	1°37	4°42	25°22	26°57	27°54	7°56	29°15	S 24
M25	8 16 42	4°32'08	18° 8	22°38	3°40	27°23	16°23	11°32	1°36	4°42	25°22	26°54	27°51	8° 3	29°16	M25
T 26	8 20 39	5°33'12	1 <sup>3</sup> 22	23°56	4°55	28°10	16°36	11°38	1°35	4°43	25°22	26°50	27°48	8° 9	29°17	T 26
W27	8 24 35	6°34'16	14°59	25° 9	6° 9	28°58	16°49	11°45	1°35	4°43	25°21	26°47	27°44	8°16	29°18	W27
T 28	8 28 32	7°35'19	28°57	26°18	7°23	29°45	17° 3	11°51	1°34	4°43	25°21	26°45	27°41	8°23	29°19	T 28
F 29	8 32 28	8°36'22	13 <sup>3</sup> 13	27°20	8°37	0 <sup>3</sup> 33	17°16	11°58	1°33	4°43	25°21	26°43	27°38	8°29	29°20	F 29
S 30	8 36 25	9°37'24	27°42	28°15	9°51	1°20	17°29	12° 4	1°33	4°44	25°21	26°D43	27°35	8°36	29°21	S 30
S 31	8 40 21	10 <sup>3</sup> 38'25	12 <sup>3</sup> 18	29 <sup>3</sup> 3	11 <sup>3</sup> 5	2 <sup>3</sup> 8	17 <sup>3</sup> 43	12 <sup>3</sup> 11	1 <sup>3</sup> II 32	4 <sup>3</sup> 44	25°320	26°343	27°32	8°43	29°V22	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	22s59	17n 7	2s 1	24s26	1s56	20s46	1s35	19s13	1s11	22s48	0n 6	9s36	1s40	20n20	0s11	11s25
S 2	22 54	14 28	0 49	24 18	1 59	20 29	1 36	19 0	1 10	22 47	0 6	9 34	1 40	20 20	0 11	11 25
S 3	22 48	10 57	0n27	24 18	2 2	20 11	1 37	18 47	1 10	22 46	0 6	9 33	1 40	20 19	0 11	11 25
M 4	22 43	6 48	1 42	23 57	2 4	19 53	1 37	18 34	1 10	22 45	0 6	9 31	1 40	20 19	0 11	11 25
T 5	22 36	2 16	2 51	23 45	2 6	19 34	1 38	18 21	1 10	22 44	0 6	9 29	1 40	20 19	0 11	11 26
W 6	22 30	2s22	3 49	23 30	2 8	19 15	1 39	18 8	1 10	22 43	0 6	9 27	1 40	20 18	0 11	11 26
T 7	22 23	6 51	4 33	23 15	2 9	18 55	1 39	17 54	1 10	22 42	0 6	9 25	1 40	20 18	0 11	11 26
F 8	22 15	10 57	5 1	22 58	2 10	18 34	1 40	17 41	1 9	22 41	0 6	9 23	1 40	20 18	0 11	11 27
S 9	22 7	14 24	5 10	22 39	2 10	18 14	1 40	17 27	1 9	22 39	0 6	9 20	1 40	20 17	0 11	11 27
S 10	21 59	17 1	5 2	22 19	2 10	17 52	1 41	17 13	1 9	22 38	0 5	9 18	1 39	20 17	0 11	11 27
M11	21 50	18 39	4 36	21 58	2 10	17 30	1 41	16 58	1 9	22 37	0 5	9 16	1 39	20 17	0 11	11 27
T 12	21 41	19 12	3 56	21 35	2 9	17 8	1 41	16 44	1 8	22 36	0 5	9 14	1 39	20 17	0 11	11 28
W13	21 31	18 42	3 3	21 11	2 7	16 45	1 41	16 29	1 8	22 34	0 5	9 12	1 39	20 16	0 11	11 28
T 14	21 21	17 13	2 2	20 46	2 6	16 22	1 41	16 15	1 8	22 33	0 5	9 10	1 39	20 16	0 11	11 28
F 15	21 10	14 55	0 56	20 19	2 3	15 58	1 41	16 0	1 8	22 32	0 5	9 7	1 39	20 16	0 11	11 28
S 16	21 0	11 59	0s11	19 51	2 0	15 34	1 41	15 44	1 7	22 30	0 5	9 5	1 39	20 16	0 11	11 28
S 17	20 48	8 35	1 17	19 21	1 56	15 9	1 41	15 29	1 7	22 29	0 5	9 3	1 39	20 15	0 11	11 29
M18	20 36	4 53	2 18	18 51	1 52	14 44	1 41	15 14	1 7	22 28	0 5	9 1	1 39	20 15	0 11	11 29
T 19	20 24	1 2	3 14	18 19	1 47	14 18	1 41	14 58	1 7	22 26	0 5	8 58	1 39	20 15	0 11	11 29
W20	20 12	2n50	4 0	17 46	1 41	13 53	1 40	14 42	1 6	22 25	0 5	8 56	1 39	20 15	0 11	11 29
T 21	19 59	6 36	4 37	17 12	1 34	13 26	1 40	14 26	1 6	22 23	0 4	8 54	1 39	20 15	0 11	11 29
F 22	19 46	10 9	5 2	16 38	1 27	13 0	1 39	14 10	1 6	22 22	0 4	8 51	1 39	20 15	0 11	11 29
S 23	19 32	13 20	5 14	16 3	1 19	12 33	1 39	13 54	1 5	22 20	0 4	8 49	1 39	20 14	0 11	11 29
S 24	19 18	16 0	5 11	15 27	1 9	12 6	1 38	13 38	1 5	22 19	0 4	8 46	1 39	20 14	0 11	11 29
M25	19 4	17 57	4 54	14 52	0 59	11 38	1 37	13 21	1 5	22 17	0 4	8 44	1 39	20 14	0 11	11 29
T 26	18 49	19 1	4 20	14 16	0 49	11 10	1 36	13 4	1 4	22 16	0 4	8 42	1 39	20 14	0 11	11 29
W27	18 34	19 2	3 30	13 40	0 37	10 42	1 35	12 48	1 4	22 14	0 4	8 39	1 38	20 14	0 11	11 30
T 28	18 19	17 54	2 27	13 5	0 24	10 14	1 34	12 31	1 4	22 13	0 4	8 37	1 38	20 14	0 11	11 30
F 29	18 3	15 37	1 14	12 31	0 10	9 45	1 33	12 14	1 3	22 11	0 4	8 34	1 38	20 14	0 11	11 30
S 30	17 47	12 19	0n 6	11 58	0n 4	9 16	1 32	11 57	1 3	22 9	0 4	8 32	1 38	20 14	0 11	11 30
S 31	17s30	8n14	1n25	11s27	0n20	8s47	1s31	11s39	1s 3	22s 8	0n 4	8s29	1s38	20n13	0s11	11s30

Julian Day Number = 2675438.5, Delta T = 21m03s

Ecliptic obliquity = 23°21'26, Nutation = - 0°00'08

Ayanamsha: Fagan/Bradley = 33°18'52, Lahiri = 32°25'52

## ASTRODIENST EPHEMERIS for the year 2613

FEBRUARY 2613

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	8 44 18	11 <sup>39</sup> 26	26 <sup>17</sup> 55	29 <sup>33</sup> 43	12 <sup>18</sup> 19	2 <sup>18</sup> 55	17 <sup>35</sup> 56	12 <sup>18</sup> 17	1 <sup>18</sup> 32	4 <sup>18</sup> 44	25 <sup>20</sup> 20	26 <sup>20</sup> 44	27 <sup>20</sup> 28	8 <sup>17</sup> 50	29 <sup>29</sup> 23	M 1
T 2	8 48 15	12 <sup>40</sup> 27	11 <sup>12</sup> 27	0 <sup>18</sup> 13	13 <sup>33</sup> 33	3 <sup>42</sup> 42	18 <sup>22</sup> 9	12 <sup>24</sup> 12	1 <sup>18</sup> 32	4 <sup>44</sup> 44	25 <sup>20</sup> 20	26 <sup>20</sup> 45	27 <sup>20</sup> 25	8 <sup>56</sup> 56	29 <sup>24</sup> 24	T 2
W 3	8 52 11	13 <sup>41</sup> 27	25 <sup>49</sup> 03	0 <sup>34</sup> 34	14 <sup>47</sup> 47	4 <sup>30</sup> 30	18 <sup>22</sup> 10	12 <sup>30</sup> 10	1 <sup>31</sup> 31	4 <sup>44</sup> 44	25 <sup>20</sup> 20	26 <sup>20</sup> 46	27 <sup>20</sup> 22	9 <sup>3</sup> 3	29 <sup>26</sup> 26	W 3
T 4	8 56 8	14 <sup>42</sup> 26	10 <sup>18</sup> 0	0 <sup>43</sup> 43	16 <sup>1</sup> 1	5 <sup>17</sup> 17	18 <sup>35</sup> 35	12 <sup>37</sup> 37	1 <sup>31</sup> 31	4 <sup>44</sup> 44	25 <sup>20</sup> 20	26 <sup>20</sup> 47	27 <sup>20</sup> 19	9 <sup>10</sup> 10	29 <sup>27</sup> 27	T 4
F 5	9 0 4	15 <sup>43</sup> 26	23 <sup>57</sup> 07	0 <sup>41</sup> 41	17 <sup>15</sup> 15	6 <sup>5</sup> 5	18 <sup>48</sup> 48	12 <sup>44</sup> 44	1 <sup>31</sup> 31	4 <sup>44</sup> 44	25 <sup>20</sup> 20	26 <sup>20</sup> 47	27 <sup>20</sup> 16	9 <sup>16</sup> 16	29 <sup>29</sup> 29	F 5
S 6	9 4 1	16 <sup>44</sup> 25	7 <sup>17</sup> 39	0 <sup>28</sup> 28	18 <sup>29</sup> 29	6 <sup>52</sup> 52	19 <sup>1</sup> 1	12 <sup>51</sup> 51	1 <sup>31</sup> 31	4 <sup>44</sup> 44	25 <sup>20</sup> 20	26 <sup>20</sup> 46	27 <sup>20</sup> 13	9 <sup>23</sup> 23	29 <sup>30</sup> 30	S 6
S 7	9 7 57	17 <sup>45</sup> 23	21 <sup>6</sup> 6	0 <sup>4</sup> 4	19 <sup>42</sup> 42	7 <sup>39</sup> 39	19 <sup>14</sup> 14	12 <sup>57</sup> 57	1 <sup>30</sup> 30	4 <sup>44</sup> 44	25 <sup>20</sup> 20	26 <sup>20</sup> 45	27 <sup>20</sup> 9	9 <sup>30</sup> 30	29 <sup>32</sup> 32	S 7
M 8	9 11 54	18 <sup>46</sup> 21	4 <sup>19</sup> 19	29 <sup>28</sup> 28	20 <sup>56</sup> 56	8 <sup>27</sup> 27	19 <sup>27</sup> 27	13 <sup>4</sup> 4	1 <sup>30</sup> 30	4 <sup>44</sup> 44	25 <sup>20</sup> 20	26 <sup>20</sup> 44	27 <sup>20</sup> 6	9 <sup>36</sup> 36	29 <sup>33</sup> 33	M 8
T 9	9 15 50	19 <sup>47</sup> 18	17 <sup>18</sup> 18	28 <sup>43</sup> 43	22 <sup>10</sup> 10	9 <sup>14</sup> 14	19 <sup>40</sup> 40	13 <sup>11</sup> 11	1 <sup>30</sup> 30	4 <sup>44</sup> 44	25 <sup>20</sup> 20	26 <sup>20</sup> 43	27 <sup>20</sup> 3	9 <sup>43</sup> 43	29 <sup>35</sup> 35	T 9
W 10	9 19 47	20 <sup>48</sup> 14	0 <sup>4</sup> 4	27 <sup>48</sup> 48	23 <sup>23</sup> 23	10 <sup>2</sup> 2	19 <sup>53</sup> 53	13 <sup>18</sup> 18	1 <sup>30</sup> 30	4 <sup>44</sup> 44	25 <sup>20</sup> 20	26 <sup>20</sup> 42	27 <sup>20</sup> 0	9 <sup>50</sup> 50	29 <sup>36</sup> 36	W 10
T 11	9 23 44	21 <sup>49</sup> 09	12 <sup>37</sup> 37	26 <sup>46</sup> 46	24 <sup>37</sup> 37	10 <sup>49</sup> 49	20 <sup>6</sup> 6	13 <sup>25</sup> 25	1 <sup>31</sup> 31	4 <sup>44</sup> 44	25 <sup>20</sup> 20	26 <sup>20</sup> 42	26 <sup>20</sup> 57	9 <sup>56</sup> 56	29 <sup>38</sup> 38	T 11
F 12	9 27 40	22 <sup>50</sup> 03	24 <sup>59</sup> 59	25 <sup>38</sup> 38	25 <sup>50</sup> 50	11 <sup>37</sup> 37	20 <sup>18</sup> 18	13 <sup>32</sup> 32	1 <sup>31</sup> 31	4 <sup>43</sup> 43	25 <sup>20</sup> 20	26 <sup>20</sup> 42	26 <sup>20</sup> 54	10 <sup>3</sup> 3	29 <sup>40</sup> 40	F 12
S 13	9 31 37	23 <sup>50</sup> 57	7 <sup>18</sup> 18	24 <sup>26</sup> 26	27 <sup>4</sup> 4	12 <sup>24</sup> 24	20 <sup>31</sup> 31	13 <sup>39</sup> 39	1 <sup>31</sup> 31	4 <sup>43</sup> 43	25 <sup>20</sup> 20	26 <sup>20</sup> 42	26 <sup>20</sup> 50	10 <sup>10</sup> 10	29 <sup>42</sup> 42	S 13
S 14	9 35 33	24 <sup>51</sup> 49	19 <sup>11</sup> 11	23 <sup>12</sup> 12	28 <sup>17</sup> 17	13 <sup>11</sup> 11	20 <sup>44</sup> 44	13 <sup>46</sup> 46	1 <sup>31</sup> 31	4 <sup>43</sup> 43	25 <sup>20</sup> 20	26 <sup>20</sup> 42	26 <sup>20</sup> 47	10 <sup>16</sup> 16	29 <sup>44</sup> 44	S 14
M 15	9 39 30	25 <sup>52</sup> 40	1 <sup>19</sup> 19	22 <sup>0</sup> 0	29 <sup>31</sup> 31	13 <sup>59</sup> 59	20 <sup>56</sup> 56	13 <sup>53</sup> 53	1 <sup>32</sup> 32	4 <sup>42</sup> 42	25 <sup>20</sup> 20	26 <sup>20</sup> 42	26 <sup>20</sup> 44	10 <sup>23</sup> 23	29 <sup>46</sup> 46	M 15
T 16	9 43 26	26 <sup>53</sup> 29	12 <sup>56</sup> 56	20 <sup>49</sup> 49	0 <sup>19</sup> 44	14 <sup>46</sup> 46	21 <sup>9</sup> 9	14 <sup>0</sup> 0	1 <sup>32</sup> 32	4 <sup>42</sup> 42	25 <sup>20</sup> 20	26 <sup>20</sup> 42	26 <sup>20</sup> 41	10 <sup>30</sup> 30	29 <sup>48</sup> 48	T 16
W 17	9 47 23	27 <sup>54</sup> 17	24 <sup>45</sup> 45	19 <sup>43</sup> 43	1 <sup>57</sup> 57	15 <sup>34</sup> 34	21 <sup>21</sup> 21	14 <sup>7</sup> 7	1 <sup>32</sup> 32	4 <sup>42</sup> 42	25 <sup>21</sup> 21	26 <sup>20</sup> 42	26 <sup>20</sup> 38	10 <sup>36</sup> 36	29 <sup>50</sup> 50	W 17
T 18	9 51 19	28 <sup>55</sup> 04	6 <sup>18</sup> 37	18 <sup>42</sup> 42	3 <sup>10</sup> 10	16 <sup>21</sup> 21	21 <sup>33</sup> 33	14 <sup>14</sup> 14	1 <sup>33</sup> 33	4 <sup>41</sup> 41	25 <sup>21</sup> 21	26 <sup>20</sup> 42	26 <sup>20</sup> 34	10 <sup>43</sup> 43	29 <sup>52</sup> 52	T 18
F 19	9 55 16	29 <sup>55</sup> 50	18 <sup>36</sup> 36	17 <sup>48</sup> 48	4 <sup>23</sup> 23	17 <sup>8</sup> 8	21 <sup>46</sup> 46	14 <sup>21</sup> 21	1 <sup>33</sup> 33	4 <sup>41</sup> 41	25 <sup>21</sup> 21	26 <sup>20</sup> 42	26 <sup>20</sup> 31	10 <sup>50</sup> 50	29 <sup>54</sup> 54	F 19
S 20	9 59 12	0 <sup>18</sup> 56	0 <sup>18</sup> 46	17 <sup>1</sup> 1	5 <sup>36</sup> 36	17 <sup>56</sup> 56	21 <sup>58</sup> 58	14 <sup>28</sup> 28	1 <sup>34</sup> 34	4 <sup>40</sup> 40	25 <sup>21</sup> 21	26 <sup>20</sup> 42	26 <sup>20</sup> 28	10 <sup>56</sup> 56	29 <sup>56</sup> 56	S 20
S 21	10 3 9	1 <sup>57</sup> 16	13 <sup>12</sup> 12	16 <sup>22</sup> 22	6 <sup>49</sup> 49	18 <sup>43</sup> 43	22 <sup>10</sup> 10	14 <sup>35</sup> 35	1 <sup>35</sup> 35	4 <sup>40</sup> 40	25 <sup>22</sup> 22	26 <sup>20</sup> 42	26 <sup>20</sup> 25	11 <sup>3</sup> 3	29 <sup>58</sup> 58	S 21
M 22	10 7 6	2 <sup>57</sup> 57	25 <sup>58</sup> 58	15 <sup>51</sup> 51	8 <sup>2</sup> 2	19 <sup>30</sup> 30	22 <sup>22</sup> 22	14 <sup>43</sup> 43	1 <sup>35</sup> 35	4 <sup>39</sup> 39	25 <sup>22</sup> 22	26 <sup>20</sup> 42	26 <sup>20</sup> 22	11 <sup>10</sup> 10	0 <sup>8</sup> 8	M 22
T 23	10 11 2	3 <sup>58</sup> 36	9 <sup>58</sup> 58	15 <sup>28</sup> 28	9 <sup>15</sup> 15	20 <sup>18</sup> 18	22 <sup>34</sup> 34	14 <sup>50</sup> 50	1 <sup>36</sup> 36	4 <sup>39</sup> 39	25 <sup>22</sup> 22	26 <sup>20</sup> 43	26 <sup>20</sup> 19	11 <sup>16</sup> 16	0 <sup>3</sup> 3	T 23
W 24	10 14 59	4 <sup>59</sup> 14	22 <sup>44</sup> 44	15 <sup>13</sup> 13	10 <sup>28</sup> 28	21 <sup>5</sup> 5	22 <sup>46</sup> 46	14 <sup>57</sup> 57	1 <sup>37</sup> 37	4 <sup>38</sup> 38	25 <sup>22</sup> 22	26 <sup>20</sup> 44	26 <sup>20</sup> 15	11 <sup>23</sup> 23	0 <sup>5</sup> 5	W 24
T 25	10 18 55	5 <sup>59</sup> 50	6 <sup>18</sup> 46	15 <sup>6</sup> 6	11 <sup>40</sup> 40	21 <sup>52</sup> 52	22 <sup>58</sup> 58	15 <sup>4</sup> 4	1 <sup>38</sup> 38	4 <sup>37</sup> 37	25 <sup>23</sup> 23	26 <sup>20</sup> 44	26 <sup>20</sup> 12	11 <sup>30</sup> 30	0 <sup>7</sup> 7	T 25
F 26	10 22 52	7 <sup>0</sup> 25	21 <sup>13</sup> 13	15 <sup>5</sup> 5	12 <sup>53</sup> 53	22 <sup>40</sup> 40	23 <sup>10</sup> 10	15 <sup>11</sup> 11	1 <sup>38</sup> 38	4 <sup>37</sup> 37	25 <sup>23</sup> 23	26 <sup>20</sup> 45	26 <sup>20</sup> 9	11 <sup>37</sup> 37	0 <sup>10</sup> 10	F 26
S 27	10 26 48	8 <sup>0</sup> 58	6 <sup>18</sup> 0	15 <sup>12</sup> 12	14 <sup>5</sup> 5	23 <sup>27</sup> 27	23 <sup>22</sup> 22	15 <sup>19</sup> 19	1 <sup>39</sup> 39	4 <sup>36</sup> 36	25 <sup>24</sup> 24	26 <sup>20</sup> 45	26 <sup>20</sup> 6	11 <sup>43</sup> 43	0 <sup>12</sup> 12	S 27
S 28	10 30 45	9 <sup>18</sup> 18	20 <sup>18</sup> 59	15 <sup>26</sup> 26	15 <sup>18</sup> 18	24 <sup>18</sup> 18	23 <sup>33</sup> 33	15 <sup>26</sup> 26	1 <sup>40</sup> 40	4 <sup>35</sup> 35	25 <sup>24</sup> 24	26 <sup>20</sup> 44	26 <sup>20</sup> 3	11 <sup>50</sup> 50	0 <sup>15</sup> 15	S 28

Day	☉	☾	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	17s14	3n40	2n40	10s58	0n36	8s18	1s30	11s22	1s 2	22s 6	0n 4	8s27	1s38	20n13	0s11	11s30	1n39	4n 9
T 2	16 57	1s 5	3 43	10 32	0 53	7 48	1 28	11 5	1 2	22 5	0 3	8 24	1 38	20 13	0 11	11 30	1 39	4 10
W 3	16 40	5 43	4 32	10 9	1 10	7 18	1 27	10 47	1 2	22 3	0 3	8 22	1 38	20 13	0 11	11 30	1 39	4 10
T 4	16 22	9 57	5 4	9 49	1 28	6 48	1 25	10 29	1 1	22 1	0 3	8 19	1 38	20 13	0 11	11 30	1 40	4 10
F 5	16 4	13 35	5 17	9 33	1 45	6 18	1 24	10 12	1 1	21 59	0 3	8 16	1 38	20 13	0 11	11 29	1 40	4 11
S 6	15 46	16 23	5 11	9 21	2 3	5 48	1 22	9 54	1 0	21 58	0 3	8 14	1 38	20 13	0 11	11 29	1 40	4 11
S 7	15 27	18 15	4 49	9 14	2 20	5 17	1 20	9 36	1 0	21 56	0 3	8 11	1 38	20 13	0 11	11 29	1 40	4 11
M 8	15 9	19 6	4 12	9 11	2 36	4 47	1 18	9 18	1 0	21 54	0 3	8 9	1 38	20 13	0 11	11 29	1 40	4 11
T 9	14 50	18 54	3 22	9 13	2 51	4 16	1 16	9 0	0 59	21 53	0 3	8 6	1 38	20 13	0 11	11 29	1 40	4 12
W10	14 31	17 45	2 23	9 19	3 4	3 45	1 14	8 41	0 59	21 51	0 3	8 3	1 38	20 13	0 11	11 29	1 40	4 12
T 11	14 11	15 43	1 17	9 29	3 16	3 14	1 12	8 23	0 58	21 49	0 3	8 1	1 38	20 13	0 10	11 29	1 40	4 12
F 12	13 51	13 0	0 10	9 43	3 25	2 43	1 10	8 5	0 58	21 47	0 3	7 58	1 38	20 13	0 10	11 29	1 40	4 13
S 13	13 32	9 45	0s58	10 0	3 32	2 12	1 8	7 46	0 57	21 45	0 2	7 55	1 38	20 13	0 10	11 29	1 40	4 13
S 14	13 11	6 8	2 2	10 19	3 37	1 41	1 6	7 28	0 57	21 44	0 2	7 53	1 38	20 13	0 10	11 29	1 40	4 14
M15	12 51	2 19	3 0	10 41	3 39	1 10	1 3	7 9	0 57	21 42	0 2	7 50	1 38	20 14	0 10	11 28	1 40	4 14
T 16	12 30	1n34	3 50	11 3	3 38	0 38	1 1	6 50	0 56	21 40	0 2	7 47	1 38	20 14	0 10	11 28	1 40	4 14
W17	12 10	5 22	4 30	11 26	3 36	0 7	0 58	6 32	0 56	21 38	0 2	7 44	1 38	20 14	0 10	11 28	1 40	4 15
T 18	11 49	8 59	4 58	11 49	3 31	0n24	0 56	6 13	0 55	21 36	0 2	7 42	1 38	20 14	0 10	11 28	1 40	4 15
F 19	11 27	12 15	5 15	12 12	3 25	0 56	0 53	5 54	0 55	21 34	0 2	7 39	1 38	20 14	0 10	11 28	1 40	4 15
S 20	11 6	15 4	5 17	12 34	3 16	1 27	0 50	5 35	0 54	21 33	0 2	7 36	1 38	20 14	0 10	11 27	1 40	4 16
S 21	10 45	17 16	5 5	12 54	3 7	1 58	0 48	5 16	0 54	21 31	0 2	7 33	1 38	20 14	0 10	11 27	1 41	4 16
M22	10 23	18 41	4 37	13 13	2 57	2 29	0 45	4 57	0 53	21 29	0 2	7 31	1 38	20 14	0 10	11 27	1 41	4 17
T 23	10 1	19 8	3 55	13 31	2 45	3 1	0 42	4 38	0 53	21 27	0 2	7 28	1 38	20 15	0 10	11 27	1 41	4 17
W24	9 39	18 31	2 58	13 46	2 33	3 32	0 39	4 19	0 52	21 25	0 1	7 25	1 38	20 15	0 10	11 26	1 41	4 17
T 25	9 17	16 46	1 49	14 0	2 21	4 3	0 36	4 0	0 52	21 23	0 1	7 22	1 38	20 15	0 10	11 26	1 41	4 18
F 26	8 55	13 54	0 31	14 13	2 8	4 34	0 33	3 41	0 51	21 21	0 1	7 20	1 38	20 15	0 10	11 26	1 41	4 18
S 27	8 32	10 4	0n51	14 23	1 56	5 5	0 30	3 22	0 51	21 20	0 1	7 17	1 38	20 15	0 10	11 26	1 41	4 19
S 28	8s10	5n34	2n10	14s31	1n43	5n36	0s27	3s 3	0s50	21s18	0n 1	7s14	1s38	20n16	0s10	11s25	1n41	4n19

# ASTRODIENST EPHEMERIS for the year 2613

MARCH 2613

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	10 34 41	10° 1'59	6° 2	15° 45	16° 30	25° 1	23° 45	15° 33	11° 41	4° 35	25° 24	26° 43	25° 59	11° 57	0° 17	M 1
T 2	10 38 38	11° 2'27	21° 1	16° 10	17° 42	25° 48	23° 56	15° 40	1° 43	4° 34	25° 25	26° 41	25° 56	12° 3	0° 20	T 2
W 3	10 42 35	12° 2'55	5° 14	16° 40	18° 55	26° 35	24° 8	15° 48	1° 44	4° 33	25° 25	26° 39	25° 53	12° 10	0° 23	W 3
T 4	10 46 31	13° 3'21	20° 14	17° 14	20° 7	27° 23	24° 19	15° 55	1° 45	4° 32	25° 26	26° 37	25° 50	12° 17	0° 25	T 4
F 5	10 50 28	14° 3'45	4° 19	17° 54	21° 19	28° 10	24° 30	16° 2	1° 46	4° 31	25° 26	26° 36	25° 47	12° 23	0° 28	F 5
S 6	10 54 24	15° 4'09	18° 1	18° 37	22° 31	28° 57	24° 41	16° 9	1° 47	4° 30	25° 27	26° 36	25° 44	12° 30	0° 31	S 6
S 7	10 58 21	16° 4'31	1° 21	19° 24	23° 42	29° 44	24° 52	16° 17	1° 49	4° 29	25° 27	26° 37	25° 40	12° 37	0° 33	S 7
M 8	11 2 17	17° 4'52	14° 20	20° 15	24° 54	0° 31	25° 3	16° 24	1° 50	4° 28	25° 28	26° 38	25° 37	12° 43	0° 36	M 8
T 9	11 6 14	18° 5'11	27° 2	21° 9	26° 6	1° 18	25° 14	16° 31	1° 52	4° 27	25° 29	26° 40	25° 34	12° 50	0° 39	T 9
W10	11 10 10	19° 5'29	9° 30	22° 6	27° 17	2° 5	25° 25	16° 39	1° 53	4° 26	25° 29	26° 41	25° 31	12° 57	0° 42	W10
T 11	11 14 7	20° 5'46	21° 45	23° 5	28° 29	2° 52	25° 36	16° 46	1° 55	4° 25	25° 30	26° 42	25° 28	13° 3	0° 45	T 11
F 12	11 18 4	21° 6'00	3° 52	24° 8	29° 40	3° 39	25° 46	16° 53	1° 56	4° 24	25° 31	26° 42	25° 25	13° 10	0° 48	F 12
S 13	11 22 0	22° 6'13	15° 52	25° 12	0° 51	4° 26	25° 57	17° 0	1° 58	4° 23	25° 31	26° 40	25° 21	13° 17	0° 51	S 13
S 14	11 25 57	23° 6'25	27° 46	26° 19	2° 3	5° 13	26° 7	17° 8	1° 59	4° 22	25° 32	26° 38	25° 18	13° 24	0° 54	S 14
M15	11 29 53	24° 6'34	9° 37	27° 28	3° 14	6° 0	26° 17	17° 15	2° 1	4° 21	25° 33	26° 34	25° 15	13° 30	0° 57	M15
T 16	11 33 50	25° 6'42	21° 27	28° 40	4° 25	6° 46	26° 28	17° 22	2° 3	4° 20	25° 33	26° 28	25° 12	13° 37	1° 0	T 16
W17	11 37 46	26° 6'47	3° 18	29° 53	5° 35	7° 33	26° 38	17° 29	2° 5	4° 19	25° 34	26° 23	25° 9	13° 44	1° 3	W17
T 18	11 41 43	27° 6'51	15° 12	1° 8	6° 46	8° 20	26° 48	17° 37	2° 7	4° 17	25° 35	26° 18	25° 5	13° 50	1° 6	T 18
F 19	11 45 39	28° 6'53	27° 12	2° 24	7° 57	9° 7	26° 58	17° 44	2° 9	4° 16	25° 36	26° 13	25° 2	13° 57	1° 9	F 19
S 20	11 49 36	29° 6'52	9° 21	3° 43	9° 7	9° 53	27° 7	17° 51	2° 10	4° 15	25° 37	26° 10	24° 59	14° 4	1° 12	S 20
S 21	11 53 32	0° 6'50	21° 43	5° 3	10° 18	10° 40	27° 17	17° 58	2° 12	4° 14	25° 37	26° 8	24° 56	14° 10	1° 15	S 21
M22	11 57 29	1° 6'45	4° 24	6° 24	11° 28	11° 27	27° 26	18° 5	2° 14	4° 12	25° 38	26° 8	24° 53	14° 17	1° 18	M22
T 23	12 1 26	2° 6'38	17° 25	7° 47	12° 38	12° 13	27° 36	18° 12	2° 17	4° 11	25° 39	26° 9	24° 50	14° 24	1° 22	T 23
W24	12 5 22	3° 6'29	0° 52	9° 12	13° 48	13° 0	27° 45	18° 20	2° 19	4° 10	25° 40	26° 10	24° 46	14° 30	1° 25	W24
T 25	12 9 19	4° 6'18	14° 47	10° 37	14° 58	13° 47	27° 54	18° 27	2° 21	4° 8	25° 41	26° 11	24° 43	14° 37	1° 28	T 25
F 26	12 13 15	5° 6'05	29° 8	12° 5	16° 7	14° 33	28° 3	18° 34	2° 23	4° 7	25° 42	26° 12	24° 40	14° 44	1° 32	F 26
S 27	12 17 12	6° 5'49	13° 55	13° 33	17° 17	15° 19	28° 12	18° 41	2° 25	4° 5	25° 43	26° 11	24° 37	14° 50	1° 35	S 27
S 28	12 21 8	7° 5'31	29° 1	15° 3	18° 26	16° 6	28° 21	18° 48	2° 28	4° 4	25° 44	26° 7	24° 34	14° 57	1° 38	S 28
M29	12 25 5	8° 5'12	14° 18	16° 34	19° 36	16° 52	28° 30	18° 55	2° 30	4° 3	25° 45	26° 2	24° 30	15° 4	1° 42	M29
T 30	12 29 1	9° 4'50	29° 35	18° 7	20° 45	17° 39	28° 38	19° 2	2° 32	4° 1	25° 45	25° 56	24° 27	15° 11	1° 45	T 30
W31	12 32 58	10° 4'27	14° 41	19° 41	21° 54	18° 25	28° 47	19° 9	2° 35	4° 0	25° 46	25° 49	24° 24	15° 17	1° 48	W31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	7s47	0n41	3n21	14s38	1n30	6n 6	0s24	2s44	0s50	21s16	0n 1	7s11	1s38	20n16	0s10	11s25	1n41	4n19	15s 8	12n34	12n49	1n18	11n13	0s20	
T 2	7 24	4s12	4 17	14 43	1 17	6 37	0 20	2 25	0 49	21 14	0 1	7 9	1 38	20 16	0 10	11 25	1 41	4 20	15 8	12 35	12 50	1 20	11 14	0 20	
W 3	7 1	8 45	4 56	14 46	1 5	7 7	0 17	2 6	0 49	21 12	0 1	7 6	1 38	20 16	0 10	11 24	1 41	4 20	15 7	12 35	12 51	1 22	11 15	0 20	
T 4	6 38	12 41	5 14	14 47	0 53	7 37	0 14	1 47	0 48	21 10	0 1	7 3	1 39	20 17	0 10	11 24	1 41	4 21	15 7	12 36	12 52	1 24	11 16	0 20	
F 5	6 15	15 48	5 13	14 46	0 41	8 8	0 10	1 27	0 48	21 8	0 1	7 0	1 39	20 17	0 10	11 24	1 41	4 21	15 7	12 36	12 53	1 26	11 17	0 20	
S 6	5 52	17 56	4 55	14 44	0 29	8 37	0 7	1 8	0 47	21 6	0 0	6 57	1 39	20 17	0 10	11 23	1 41	4 21	15 6	12 36	12 54	1 28	11 17	0 21	
S 7	5 28	19 1	4 20	14 40	0 18	9 7	0 3	0 49	0 47	21 5	0 0	6 55	1 39	20 17	0 10	11 23	1 41	4 22	15 6	12 36	12 55	1 30	11 18	0 21	
M 8	5 5	19 3	3 33	14 35	0 7	9 37	0n 0	0 30	0 46	21 3	0 0	6 52	1 39	20 18	0 10	11 23	1 41	4 22	15 6	12 36	12 56	1 32	11 19	0 21	
T 9	4 42	18 7	2 37	14 28	0s 4	10 6	0 4	0 11	0 45	21 1	0 0	6 49	1 39	20 18	0 10	11 22	1 41	4 23	15 5	12 35	12 57	1 34	11 20	0 21	
W10	4 18	16 19	1 34	14 20	0 14	10 35	0 7	0n 8	0 45	20 59	0 0	6 46	1 39	20 18	0 10	11 22	1 41	4 23	15 5	12 35	12 58	1 36	11 21	0 21	
T 11	3 55	13 47	0 27	14 10	0 24	11 4	0 11	0 27	0 44	20 57	0s 0	6 44	1 39	20 19	0 10	11 21	1 41	4 24	15 5	12 34	12 59	1 38	11 22	0 21	
F 12	3 31	10 40	0s39	13 58	0 34	11 33	0 15	0 46	0 44	20 55	0 0	6 41	1 39	20 19	0 10	11 21	1 41	4 24	15 5	12 34	13 0	1 40	11 23	0 21	
S 13	3 7	7 9	1 44	13 45	0 43	12 1	0 18	1 6	0 43	20 53	0 0	6 38	1 39	20 19	0 10	11 21	1 42	4 25	15 4	12 35	13 2	1 42	11 24	0 21	
S 14	2 44	3 22	2 43	13 31	0 52	12 29	0 22	1 25	0 43	20 52	0 0	6 35	1 39	20 20	0 10	11 20	1 42	4 25	15 4	12 36	13 3	1 44	11 25	0 21	
M15	2 20	0n31	3 34	13 15	1 0	12 57	0 26	1 44	0 42	20 50	0 0	6 33	1 39	20 20	0 10	11 20	1 42	4 25	15 4	12 37	13 4	1 46	11 26	0 21	
T 16	1 56	4 22	4 16	12 58	1 8	13 25	0 29	2 3	0 42	20 48	0 1	6 30	1 39	20 20	0 10	11 19	1 42	4 26	15 3	12 39	13 5	1 48	11 27	0 21	
W17	1 32	8 4	4 48	12 39	1 16	13 52	0 33	2 22	0 41	20 46	0 1	6 27	1 39	20 21	0 10	11 19	1 42	4 26	15 3	12 41	13 6	1 50	11 28	0 21	
T 18	1 9	11 27	5 7	12 20	1 23	14 19	0 37	2 40	0 40	20 44	0 1	6 24	1 39	20 21	0 10	11 19	1 42	4 27	15 3	12 43	13 7	1 52	11 29	0 21	
F 19	0 45	14 24	5 12	11 59	1 30	14 45	0 41	2 59	0 40	20 43	0 1	6 22	1 39	20 22	0 10	11 18	1 42	4 27	15 3	12 44	13 8	1 54	11 30	0 21	
S 20	0 21	16 46	5 4	11 36	1 36	15 12	0 45	3 18	0 39	20 41	0 1	6 19	1 39	20 22	0 10	11 18	1 42	4 28	15 2	12 45	13 9	1 56	11 31	0 21	
S 21	0n 3	18 25	4 42	11 13	1 42	15 38	0 49	3 37	0 39	20 39	0 1	6 16	1 40	20 22	0 10	11 17	1 42	4 28	15 2	12 46	13 10	1 58	11 32	0 21	
M22	0 26	19 12	4 6	10 48	1 48	16 3	0 52	3 56	0 38	20 37	0 1	6 13	1 40	20 23	0 10	11 17	1 42	4 29	15 2	12 46	13 11	2 0	11 33	0 21	
T 23	0 50	19 0	3 16	10 22	1 53	16 28	0 56	4 14	0 37	20 35	0 1	6 11	1 40	20 23	0 10	11 16	1 42	4 29	15 1	12 46	13 12	2 2	11 34	0 22	
W24	1 14	17 43	2 14	9 55	1 57	16 53	1 0	4 33	0 37	20 34	0 1	6 8	1 40	20 24	0 10	11 16	1 42	4 29	15 1	12 45	13 13	2 4	11 35	0 22	
T 25	1 38	15 22	1 2	9 26	2 2	17 17	1 4	4 52	0 36	20 32	0 1	6 5	1 40	20 24	0 10	11 15	1 42	4 30	15 1	12 45	13 14	2 6	11 36	0 22	
F 26	2 1	11 59	0n16	8 57	2 6	17 41	1 8	5 10	0 36	20 30	0 2	6 3	1 40	20 24	0 10	11 15	1 42	4 30	15 1	12 45	13 15	2 8	11 38	0 22	
S 27	2 25	7 46	1 35	8 26	2 9	18 5	1 12	5 28	0 35	20 29	0 2	6 0	1 40	20 25	0 10	11 14	1 42	4 31	15 0	12 45	13 16	2 10	11 39	0 22	
S 28	2 48	2 58	2 49	7 54	2 12	18 28	1 16	5 47	0 34	20 27	0 2	5 57	1 40	20 25	0 10	11 14	1 42	4 31	15 0	12 46	13 17	2 12	11 40	0 22	
M29	3 12	2s 4	3 51	7 21	2 15	18 51	1 20	6 5	0 34	20 25	0 2	5 55	1 40	20 26	0 10	11 13	1 42	4 32	15 0	12 48	13 18	2 14	11 41	0 22	
T 30	3 35	6 57	4 37	6 47	2 17	19 13	1 24	6 23	0 33	20 24	0 2	5 52	1 40	20 26	0 10	11 13	1 42	4 32	15 0	12 50	13 20	2 17	11 42	0 22	
W31	3n59	11s21	5n 3	6s12	2s19	19n35	1n27	6n42	0s33	20s22	0s 2	5s49	1s40	20n27	0s10	11s12	1n42	4n33	14s59	12n52	13n21	2n19	11n43	0s22	

# ASTRODIENST EPHEMERIS for the year 2613

APRIL 2613

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 36 55	11° 40' 1	29° 26'	21° 16'	23° 8' 3	19° 11'	28° 55'	19° 16'	21° 37'	3° 58'	25° 47'	25° 43'	24° 21'	15° 24'	1° 52'	T 1
F 2	12 40 51	12° 3' 35	13° 46'	22° 53'	24° 11'	19° 57'	29° 3'	19° 23'	2° 39'	3° 57'	25° 48'	25° 38'	24° 18'	15° 31'	1° 55'	F 2
S 3	12 44 48	13° 3' 06	27° 38'	24° 31'	25° 20'	20° 44'	29° 11'	19° 30'	2° 42'	3° 55'	25° 49'	25° 35'	24° 15'	15° 37'	1° 59'	S 3
S 4	12 48 44	14° 2' 36	11° 3'	26° 10'	26° 28'	21° 30'	29° 19'	19° 36'	2° 44'	3° 54'	25° 51'	25° D34	24° 11'	15° 44'	2° 2'	S 4
M 5	12 52 41	15° 2' 04	23° 58'	27° 50'	27° 36'	22° 16'	29° 27'	19° 43'	2° 47'	3° 52'	25° 52'	25° 34'	24° 8'	15° 51'	2° 6'	M 5
T 6	12 56 37	16° 1' 30	6° 34'	29° 32'	28° 44'	23° 2'	29° 35'	19° 50'	2° 50'	3° 51'	25° 53'	25° 35'	24° 5'	15° 57'	2° 9'	T 6
W 7	13 0 34	17° 0' 54	18° 52'	1° 15'	29° 52'	23° 48'	29° 42'	19° 57'	2° 52'	3° 49'	25° 54'	25° 36'	24° 2'	16° 4'	2° 13'	W 7
T 8	13 4 30	18° 0' 17	0° 58'	3° 0'	1° 11'	24° 34'	29° 49'	20° 4'	2° 55'	3° 48'	25° 55'	25° R36	23° 59'	16° 11'	2° 16'	T 8
F 9	13 8 27	18° 59' 38	12° 55'	4° 45'	2° 7'	25° 20'	29° 57'	20° 10'	2° 58'	3° 46'	25° 56'	25° 35'	23° 56'	16° 17'	2° 20'	F 9
S 10	13 12 24	19° 58' 57	24° 47'	6° 33'	3° 14'	26° 6'	0° 44'	20° 17'	3° 0'	3° 44'	25° 57'	25° 31'	23° 52'	16° 24'	2° 23'	S 10
S 11	13 16 20	20° 58' 14	6° 37'	8° 21'	4° 21'	26° 52'	0° 11'	20° 24'	3° 3'	3° 43'	25° 58'	25° 24'	23° 49'	16° 31'	2° 27'	S 11
M 12	13 20 17	21° 57' 29	18° 27'	10° 11'	5° 28'	27° 38'	0° 17'	20° 30'	3° 6'	3° 41'	25° 59'	25° 15'	23° 46'	16° 38'	2° 30'	M 12
T 13	13 24 13	22° 56' 42	0° 18'	12° 2'	6° 35'	28° 23'	0° 24'	20° 37'	3° 9'	3° 40'	26° 0'	25° 4'	23° 43'	16° 44'	2° 34'	T 13
W 14	13 28 10	23° 55' 53	12° 13'	13° 55'	7° 41'	29° 9'	0° 30'	20° 43'	3° 12'	3° 38'	26° 2'	24° 53'	23° 40'	16° 51'	2° 37'	W 14
T 15	13 32 6	24° 55' 02	24° 12'	15° 49'	8° 48'	29° 55'	0° 37'	20° 50'	3° 15'	3° 36'	26° 3'	24° 41'	23° 36'	16° 58'	2° 41'	T 15
F 16	13 36 3	25° 54' 09	6° 18'	17° 45'	9° 54'	0° 41'	0° 43'	20° 56'	3° 17'	3° 35'	26° 4'	24° 31'	23° 33'	17° 4'	2° 45'	F 16
S 17	13 39 59	26° 53' 13	18° 32'	19° 42'	11° 0'	1° 26'	0° 49'	21° 3'	3° 20'	3° 33'	26° 5'	24° 23'	23° 30'	17° 11'	2° 48'	S 17
S 18	13 43 56	27° 52' 16	0° 58'	21° 40'	12° 5'	2° 12'	0° 55'	21° 9'	3° 23'	3° 32'	26° 6'	24° 17'	23° 27'	17° 18'	2° 52'	S 18
M 19	13 47 53	28° 51' 16	13° 37'	23° 40'	13° 11'	2° 57'	1° 0'	21° 15'	3° 26'	3° 30'	26° 8'	24° 14'	23° 24'	17° 24'	2° 55'	M 19
T 20	13 51 49	29° 50' 14	26° 35'	25° 41'	14° 16'	3° 43'	1° 6'	21° 21'	3° 29'	3° 28'	26° 9'	24° D12	23° 21'	17° 31'	2° 59'	T 20
W 21	13 55 46	0° 49' 10	9° 54'	27° 43'	15° 21'	4° 28'	1° 11'	21° 28'	3° 32'	3° 27'	26° 10'	24° 13'	23° 17'	17° 38'	3° 3'	W 21
T 22	13 59 42	1° 48' 03	23° 37'	29° 46'	16° 25'	5° 14'	1° 16'	21° 34'	3° 35'	3° 25'	26° 11'	24° R13	23° 14'	17° 45'	3° 6'	T 22
F 23	14 3 39	2° 46' 54	7° 46'	1° 50'	17° 30'	5° 59'	1° 21'	21° 40'	3° 39'	3° 23'	26° 13'	24° 12'	23° 11'	17° 51'	3° 10'	F 23
S 24	14 7 35	3° 45' 43	22° 20'	3° 55'	18° 34'	6° 44'	1° 26'	21° 46'	3° 42'	3° 22'	26° 14'	24° 10'	23° 8'	17° 58'	3° 13'	S 24
S 25	14 11 32	4° 44' 30	7° 17'	6° 1'	19° 38'	7° 29'	1° 31'	21° 52'	3° 45'	3° 20'	26° 15'	24° 4'	23° 5'	18° 5'	3° 17'	S 25
M 26	14 15 28	5° 43' 14	22° 28'	8° 8'	20° 41'	8° 15'	1° 36'	21° 58'	3° 48'	3° 18'	26° 16'	23° 57'	23° 2'	18° 11'	3° 21'	M 26
T 27	14 19 25	6° 41' 57	7° 45'	10° 15'	21° 44'	9° 0'	1° 40'	22° 4'	3° 51'	3° 17'	26° 18'	23° 47'	22° 58'	18° 18'	3° 24'	T 27
W 28	14 23 21	7° 40' 37	22° 56'	12° 22'	22° 47'	9° 45'	1° 44'	22° 10'	3° 54'	3° 15'	26° 19'	23° 36'	22° 55'	18° 25'	3° 28'	W 28
T 29	14 27 18	8° 39' 16	7° 50'	14° 29'	23° 50'	10° 30'	1° 48'	22° 15'	3° 58'	3° 14'	26° 20'	23° 26'	22° 52'	18° 31'	3° 31'	T 29
F 30	14 31 15	9° 37' 53	22° 47'	16° 36'	24° 52'	11° 15'	1° 52'	22° 21'	4° 11'	3° 12'	26° 22'	23° 18'	22° 49'	18° 38'	3° 35'	F 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	4n22	14s56	5n 8	5s36	2s20	19n56	1n31	7n 0	0s32	20s21	0s 2	5s47	1s41	20n27	0s10	11s12	1n42	4n33	14s59	12n54	13n22	2n21	11n44	0s22			
F 2	4 45	17 31	4 54	4 58	2 21	20 17	1 35	7 18	0 31	20 19	0 2	5 44	1 41	20 28	0 10	11 11	1 42	4 34	14 59	12 56	13 23	2 23	11 45	0 22			
S 3	5 8	18 58	4 22	4 20	2 21	20 38	1 39	7 35	0 31	20 17	0 2	5 41	1 41	20 28	0 10	11 11	1 42	4 34	14 59	12 57	13 24	2 25	11 46	0 22			
S 4	5 31	19 18	3 37	3 41	2 21	20 58	1 43	7 53	0 30	20 16	0 3	5 39	1 41	20 29	0 10	11 10	1 42	4 34	14 58	12 57	13 25	2 27	11 48	0 22			
M 5	5 54	18 34	2 42	3 0	2 20	21 17	1 46	8 11	0 30	20 14	0 3	5 36	1 41	20 29	0 10	11 10	1 42	4 35	14 58	12 57	13 26	2 29	11 49	0 22			
T 6	6 17	16 56	1 41	2 19	2 19	21 36	1 50	8 29	0 29	20 13	0 3	5 34	1 41	20 30	0 10	11 9	1 42	4 35	14 58	12 57	13 27	2 31	11 50	0 22			
W 7	6 40	14 32	0 36	1 37	2 18	21 54	1 54	8 46	0 28	20 12	0 3	5 31	1 41	20 30	0 10	11 9	1 42	4 36	14 58	12 56	13 28	2 33	11 51	0 22			
T 8	7 2	11 33	0s29	0 54	2 16	22 12	1 58	9 4	0 28	20 10	0 3	5 29	1 41	20 31	0 10	11 8	1 42	4 36	14 58	12 56	13 29	2 35	11 52	0 22			
F 9	7 25	8 6	1 32	0 10	2 13	22 30	2 1	9 21	0 27	20 9	0 3	5 26	1 41	20 31	0 10	11 7	1 42	4 37	14 57	12 57	13 30	2 37	11 53	0 23			
S 10	7 47	4 22	2 30	0n35	2 10	22 46	2 5	9 38	0 26	20 7	0 3	5 24	1 42	20 32	0 10	11 7	1 42	4 37	14 57	12 58	13 31	2 39	11 54	0 23			
S 11	8 9	0 28	3 22	1 21	2 7	23 3	2 8	9 55	0 26	20 6	0 3	5 21	1 42	20 32	0 9	11 6	1 42	4 38	14 57	13 1	13 32	2 41	11 56	0 23			
M 12	8 32	3n26	4 4	2 8	2 3	23 18	2 12	10 12	0 25	20 5	0 4	5 19	1 42	20 33	0 9	11 6	1 42	4 38	14 57	13 4	13 33	2 43	11 57	0 23			
T 13	8 53	7 13	4 36	2 55	1 59	23 33	2 15	10 29	0 24	20 3	0 4	5 16	1 42	20 34	0 9	11 5	1 42	4 38	14 57	13 7	13 34	2 45	11 58	0 23			
W 14	9 15	10 44	4 56	3 43	1 54	23 48	2 19	10 46	0 24	20 2	0 4	5 14	1 42	20 34	0 9	11 5	1 42	4 39	14 56	13 11	13 35	2 47	11 59	0 23			
T 15	9 37	13 51	5 4	4 32	1 48	24 2	2 22	11 3	0 23	20 1	0 4	5 11	1 42	20 35	0 9	11 4	1 42	4 39	14 56	13 15	13 36	2 49	12 0	0 23			
F 16	9 58	16 24	4 57	5 22	1 42	24 15	2 25	11 19	0 23	20 0	0 4	5 9	1 42	20 35	0 9	11 4	1 42	4 40	14 56	13 18	13 37	2 51	12 1	0 23			
S 17	10 20	18 15	4 38	6 12	1 36	24 28	2 29	11 35	0 22	19 58	0 4	5 7	1 43	20 36	0 9	11 3	1 43	4 40	14 56	13 21	13 38	2 53	12 3	0 23			
S 18	10 41	19 17	4 4	7 3	1 29	24 40	2 32	11 52	0 21	19 57	0 4	5 4	1 43	20 36	0 9	11 2	1 43	4 41	14 56	13 23	13 39	2 55	12 4	0 23			
M 19	11 2	19 22	3 19	7 54	1 22	24 52	2 35	12 8	0 21	19 56	0 4	5 2	1 43	20 37	0 9	11 2	1 43	4 41	14 55	13 24	13 40	2 57	12 5	0 23			
T 20	11 23	18 27	2 22	8 45	1 14	25 3	2 38	12 24	0 20	19 55	0 4	5 0	1 43	20 38	0 9	11 1	1 43	4 41	14 55	13 24	13 42	2 59	12 6	0 23			
W 21	11 43	16 30	1 16	9 36	1 5	25 14	2 41	12 40	0 19	19 54	0 5	4 57	1 43	20 38	0 9	11 1	1 43	4 42	14 55	13 24	13 43	3 2	12 7	0 23			
T 22	12 4	13 33	0 3	10 28	0 57	25 23	2 44	12 56	0 19	19 53	0 5	4 55	1 43	20 39	0 9	11 0	1 43	4 42	14 55	13 24	13 44	3 4	12 8	0 23			
F 23	12 24	9 44	1n11	11 20	0 47	25 33	2 47	13 11	0 18	19 52	0 5	4 53	1 43	20 39	0 9	11 0	1 43	4 43	14 55	13 24	13 45	3 6	12 9	0 23			
S 24	12 44	5 14	2 24	12 11	0 38	25 41	2 50	13 27	0 17	19 51	0 5	4 51	1 44	20 40	0 9	10 59	1 43	4 43	14 55	13 25	13 46	3 8	12 11	0 24			
S 25	13 3	0 18	3 28	13 3	0 28	25 49	2 53	13 42	0 17	19 50	0 5	4 48	1 44	20 41	0 9	10 59	1 43	4 43	14 55	13 27	13 47	3 10	12 12	0 24			
M 26	13 23	4s43	4 18	13 54	0 18	25 57	2 55	13 57	0 16	19 49	0 5	4 46	1 44	20 41	0 9	10 58	1 43	4 44	14 54	13 30	13 48	3 12	12 13	0 24			
T 27	13 42	9 28	4 50	14 44	0 7	26 3	2 58	14 12	0 15	19 49	0 5	4 44	1 44	20 42	0 9	10 57	1 43	4 44	14 54	13 33	13 49	3 14	12 14	0 24			
W 28	14 1	13 34	5 2	15 33	0n 3	26 10	3 0	14 27	0 15	19 48	0 6	4 42	1 44	20 42	0 9	10 57	1 43	4 45	14 54	13 36	13 50	3 16	12 15	0 24			
T 29	14 20	16 44	4 52	16 21	0 14	26 15	3 3	14 42	0 14	19 47	0 6	4 40	1 44	20 43	0 9	10 56	1 43	4 45	14 54	13 40	13 51	3 18	12 16	0 24			
F 30	14n39	18s44	4n24	17n 8	0m25	26n20	3n 5	14n56	0s13	19s46	0s 6	4s38	1s45	20n44	0s 9	10s56	1n43	4n45	14s54	13n42	13n52	3n20	12n18	0s24			

## ASTRODIENST EPHEMERIS for the year 2613

MAY 2613

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 35 11	10°36'29	6°32'21	18°42'18	25°11'54	12°08'00	1°55'56	22°32'27	4°11'44	3°10'10	26°23'23	23°11'11	22°04'46	18°54'45	3°38'39	S 1
S 2	14 39 8	11°35'03	19°51'19	20°47'26	26°56'12	12°45'19	1°59'22	22°32'40	4°7'30	3°10'09	26°24'23	23°08'22	22°42'18	18°51'34	3°42'18	S 2
M 3	14 43 4	12°33'35	2°53'22	22°50'27	27°57'13	13°29'20	2°2'22	22°38'40	4°11'30	3°7'26	26°25'23	23°6'22	22°39'18	18°58'34	3°46'18	M 3
T 4	14 47 1	13°32'05	15°31'24	24°52'28	28°58'14	14°14'20	2°6'22	22°43'41	4°14'30	3°5'26	26°27'23	23°6'22	22°36'19	19°5'34	3°49'19	T 4
W 5	14 50 57	14°30'34	27°49'26	26°52'29	29°58'14	14°59'20	2°9'22	22°49'41	4°17'30	3°4'26	26°28'23	23°6'22	22°33'19	19°12'34	3°53'19	W 5
T 6	14 54 54	15°29'02	9°52'28	28°50'00	28°58'15	14°44'20	2°11'22	22°54'40	4°21'30	3°2'26	26°29'23	23°5'22	22°30'19	19°18'34	3°57'19	T 6
F 7	14 58 50	16°27'27	21°47'00	28°46'15	28°58'16	14°28'20	2°14'22	22°59'40	4°24'30	3°1'26	26°31'23	23°2'22	22°27'19	19°25'40	4°0'19	F 7
S 8	15 2 47	17°25'51	3°36'20	28°38'25	28°58'17	14°13'20	2°16'23	23°5'40	4°27'20	2°59'26	26°32'23	22°57'22	22°23'19	19°32'40	4°4'19	S 8
S 9	15 6 44	18°24'14	15°25'42	27°15'6	27°57'17	14°42'20	2°18'23	23°10'40	4°31'30	2°57'26	26°33'23	22°48'22	22°20'19	19°38'40	4°7'19	S 9
M10	15 10 40	19°22'35	27°15'6	27°57'17	27°57'18	14°42'20	2°21'23	23°15'40	4°34'30	2°56'26	26°35'23	22°37'22	22°17'19	19°45'40	4°11'19	M10
T 11	15 14 37	20°20'54	9°11'7	27°56'55	27°57'19	14°26'20	2°22'23	23°20'40	4°37'30	2°54'26	26°36'23	22°24'22	22°14'19	19°52'40	4°14'19	T 11
W12	15 18 33	21°19'11	21°12'9	27°56'6	27°57'20	14°11'20	2°24'23	23°25'40	4°41'30	2°53'26	26°38'23	22°10'22	22°11'19	19°58'40	4°18'19	W12
T 13	15 22 30	22°17'27	3°11'11	27°58'7	27°57'20	14°55'20	2°26'23	23°30'40	4°44'30	2°51'26	26°39'23	21°56'22	22°7'20	20°5'42	4°21'19	T 13
F 14	15 26 26	23°15'41	15°38'12	27°43'8	27°57'21	14°39'20	2°27'23	23°35'40	4°48'30	2°50'26	26°40'23	21°44'22	22°4'20	20°12'42	4°25'19	F 14
S 15	15 30 23	24°13'54	28°4'14	27°10'9	27°57'22	14°24'20	2°28'23	23°39'40	4°51'30	2°48'26	26°42'23	21°33'22	22°1'20	20°19'42	4°28'19	S 15
S 16	15 34 19	25°12'04	10°40'15	27°34'10	27°57'23	14°8'20	2°29'23	23°44'40	4°55'30	2°47'26	26°43'23	21°26'22	21°58'20	20°25'42	4°32'19	S 16
M17	15 38 16	26°10'13	23°28'16	27°34'11	27°57'24	14°32'20	2°30'23	23°49'40	4°58'30	2°45'26	26°44'23	21°21'22	21°55'20	20°32'42	4°35'19	M17
T 18	15 42 13	27°8'19	6°13'18	27°26'12	27°57'25	14°26'20	2°30'23	23°53'40	5°1'30	2°44'26	26°46'23	21°19'22	21°52'20	20°39'42	4°38'19	T 18
W19	15 46 9	28°6'24	19°50'19	27°26'13	27°57'26	14°20'20	2°30'23	23°58'40	5°5'30	2°42'26	26°47'23	21°18'22	21°48'20	20°45'42	4°42'19	W19
T 20	15 50 6	29°4'27	3°17'20	27°26'14	27°57'27	14°14'20	2°30'23	24°2'40	5°8'30	2°41'26	26°48'23	21°18'22	21°45'20	20°52'42	4°45'19	T 20
F 21	15 54 2	0°11'28	17°26'21	27°26'15	27°57'28	14°8'20	2°31'23	24°7'40	5°12'30	2°39'26	26°50'23	21°17'22	21°42'20	20°59'42	4°49'19	F 21
S 22	15 57 59	1°0'27	1°45'22	27°26'16	27°57'29	14°2'20	2°30'23	24°11'40	5°15'30	2°38'26	26°51'23	21°15'22	21°39'20	21°6'42	4°52'19	S 22
S 23	16 1 55	1°58'24	16°24'23	27°26'17	27°57'30	14°50'20	2°30'23	24°15'40	5°19'30	2°37'26	26°52'23	21°10'22	21°36'20	21°12'42	4°55'19	S 23
M24	16 5 52	2°56'19	1°17'24	27°26'18	27°57'31	14°44'20	2°29'23	24°19'40	5°22'30	2°35'26	26°54'23	21°2'22	21°33'20	21°19'42	4°58'19	M24
T 25	16 9 48	3°54'13	16°17'24	27°26'19	27°57'32	14°38'20	2°29'23	24°23'40	5°26'30	2°34'26	26°55'23	20°52'22	21°29'20	21°26'42	5°2'19	T 25
W26	16 13 45	4°52'05	1°15'25	27°26'20	27°57'33	14°32'20	2°28'23	24°27'40	5°29'30	2°33'26	26°56'23	20°42'22	21°26'20	21°32'42	5°5'19	W26
T 27	16 17 42	5°49'56	16°1'26	27°26'21	27°57'34	14°26'20	2°26'23	24°31'40	5°33'30	2°31'26	26°58'23	20°31'22	21°23'20	21°39'42	5°8'19	T 27
F 28	16 21 38	6°47'45	0°32'28	27°26'22	27°57'35	14°20'20	2°25'23	24°35'40	5°36'30	2°30'26	26°59'23	20°22'22	21°20'20	21°46'42	5°11'19	F 28
S 29	16 25 35	7°45'34	14°29'27	27°26'23	27°57'36	14°14'20	2°23'23	24°38'40	5°40'30	2°29'26	27°0'23	20°15'22	21°17'20	21°52'42	5°15'19	S 29
S 30	16 29 31	8°43'21	28°3'27	27°26'24	27°57'37	14°8'20	2°22'23	24°42'40	5°43'30	2°27'26	27°2'23	20°11'22	21°13'20	21°59'42	5°18'19	S 30
M31	16 33 28	9°41'06	11°8'9	27°26'25	27°57'38	14°2'20	2°20'23	24°45'40	5°47'30	2°26'26	27°3'23	20°0'22	21°0'20	22°0'42	5°21'19	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14n57	19s32	3n41	17n54	0n36	26n25	3n 7	15n11	0s13	19s46	0s 6	4s36	1s45	20n44	0s 9	10s55	1n43	4n46	14s54	13n45	13n53	3n22	12n19	0s24					
S 2	15 15	19 9	2 46	18 38	0 47	26 28	3 9	15 25	0 12	19 45	0 6	4 33	1 45	20 45	0 9	10 55	1 43	4 46	14 54	13 46	13 54	3 24	12 20	0 24					
M 3	15 33	17 45	1 45	19 20	0 57	26 31	3 11	15 39	0 11	19 44	0 6	4 31	1 45	20 45	0 9	10 54	1 43	4 47	14 54	13 46	13 55	3 26	12 21	0 24					
T 4	15 51	15 29	0 40	20 1	1 7	26 34	3 13	15 53	0 11	19 44	0 6	4 29	1 45	20 46	0 9	10 54	1 43	4 47	14 53	13 46	13 56	3 28	12 22	0 24					
W 5	16 8	12 35	0s25	20 39	1 17	26 36	3 15	16 7	0 10	19 43	0 6	4 27	1 45	20 47	0 9	10 53	1 43	4 47	14 53	13 46	13 57	3 30	12 23	0 24					
T 6	16 25	9 12	1 28	21 15	1 27	26 37	3 16	16 20	0 10	19 43	0 7	4 26	1 46	20 47	0 9	10 53	1 43	4 48	14 53	13 47	13 58	3 32	12 24	0 24					
F 7	16 42	5 29	2 26	21 48	1 36	26 38	3 18	16 34	0 9	19 42	0 7	4 24	1 46	20 48	0 9	10 52	1 43	4 48	14 53	13 48	13 59	3 34	12 26	0 24					
S 8	16 59	1 35	3 17	22 20	1 45	26 38	3 19	16 47	0 8	19 42	0 7	4 22	1 46	20 49	0 9	10 51	1 43	4 48	14 53	13 49	14 0	3 36	12 27	0 25					
S 9	17 15	2n22	3 59	22 48	1 53	26 38	3 20	17 0	0 8	19 42	0 7	4 20	1 46	20 49	0 9	10 51	1 42	4 49	14 53	13 52	14 1	3 38	12 28	0 25					
M10	17 31	6 14	4 31	23 15	2 0	26 37	3 21	17 13	0 7	19 41	0 7	4 18	1 46	20 50	0 9	10 50	1 42	4 49	14 53	13 56	14 2	3 41	12 29	0 25					
T 11	17 46	9 53	4 52	23 38	2 7	26 36	3 22	17 26	0 6	19 41	0 7	4 16	1 47	20 50	0 9	10 50	1 42	4 49	14 53	14 0	14 3	3 43	12 30	0 25					
W12	18 2	13 11	5 0	24 0	2 12	26 34	3 23	17 38	0 6	19 41	0 7	4 14	1 47	20 51	0 9	10 49	1 42	4 50	14 53	14 4	14 4	3 45	12 31	0 25					
T 13	18 17	15 57	4 54	24 19	2 17	26 31	3 24	17 51	0 5	19 40	0 8	4 13	1 47	20 52	0 9	10 49	1 42	4 50	14 53	14 9	14 5	3 47	12 32	0 25					
F 14	18 31	18 2	4 34	24 35	2 22	26 28	3 24	18 3	0 4	19 40	0 8	4 11	1 47	20 52	0 9	10 48	1 42	4 50	14 53	14 13	14 6	3 49	12 33	0 25					
S 15	18 46	19 19	4 2	24 49	2 25	26 25	3 25	18 15	0 4	19 40	0 8	4 9	1 47	20 53	0 9	10 48	1 42	4 51	14 53	14 16	14 7	3 51	12 34	0 25					
S 16	19 0	19 40	3 17	25 1	2 27	26 21	3 25	18 27	0 3	19 40	0 8	4 8	1 48	20 54	0 9	10 47	1 42	4 51	14 53	14 19	14 8	3 53	12 36	0 25					
M17	19 14	19 0	2 21	25 11	2 29	26 16	3 25	18 38	0 2	19 40	0 8	4 6	1 48	20 54	0 9	10 47	1 42	4 51	14 53	14 20	14 9	3 55	12 37	0 25					
T 18	19 27	17 20	1 17	25 19	2 30	26 11	3 25	18 50	0 2	19 40	0 8	4 4	1 48	20 55	0 9	10 46	1 42	4 52	14 53	14 21	14 10	3 57	12 38	0 25					
W19	19 40	14 42	0 8	25 24	2 29	26 5	3 25	19 1	0 1	19 40	0 8	4 3	1 48	20 55	0 9	10 46	1 42	4 52	14 53	14 21	14 11	3 59	12 39	0 25					
T 20	19 53	11 12	1n 4	25 28	2 28	25 59	3 24	19 12	0 0	19 40	0 9	4 1	1 48	20 56	0 9	10 45	1 42	4 52	14 53	14 21	14 12	4 1	12 40	0 25					
F 21	20 5	7 0	2 13	25 30	2 25	25 53	3 24	19 23	0n 0	19 40	0 9	4 0	1 49	20 57	0 9	10 45	1 42	4 53	14 53	14 21	14 13	4 3	12 41	0 25					
S 22	20 17	2 19	3 16	25 30	2 22	25 46	3 23	19 33	0 1	19 41	0 9	3 58	1 49	20 57	0 9	10 45	1 42	4 53	14 53	14 22	14 14	4 5	12 42	0 26					
S 23	20 29	2s36	4 8	25 29	2 18	25 39	3 22	19 44	0 2	19 41	0 9	3 57	1 49	20 58	0 9	10 44	1 42	4 53	14 53	14 24	14 15	4 7	12 43	0 26					
M24	20 40	7 26	4 44	25 26	2 12	25 31	3 21	19 54	0 2	19 41	0 9	3 55	1 49	20 59	0 9	10 44	1 42	4 54	14 53	14 26	14 17	4 9	12 44	0 26					
T 25	20 51	11 51	5 0	25 21	2 6	25 23	3 20	20 4	0 3	19 42	0 9	3 54	1 49	20 59	0 9	10 43	1 42	4 54	14 53	14 29	14 18	4 11	12 45	0 26					
W26	21 2	15 30	4 56	25 16	1 59	25 14	3 18	20 14	0 4	19 42	0 10	3 53	1 50	21 0	0 9	10 43	1 42	4 54	14 53	14 33	14 19	4 13	12 46	0 26					
T 27	21 12	18 7	4 32	25 8	1 50	25 5	3 16	20 24	0 4	19 42	0 10	3 51	1 50	21 0	0 9	10 42	1 42	4 54	14 53	14 36	14 20	4 16	12 47	0 26					
F 28	21 22	19 30	3 51	25 0	1 41	24 56	3 14	20 33	0 5	19 43	0 10	3 50	1 50	21 1	0 9	10 42	1 42	4 55	14 53	14 39	14 21	4 18	12 48	0 26					
S 29	21 32	19 38	2 57	24 50	1 30	24 47	3 12	20 42	0 6	19 43	0 10	3 49	1 50	21 2	0 9	10 42	1 42	4 55	14 53	14 41	14 22	4 20	12 49	0 26					
S 30	21 41	18 37	1 55	24 39	1 19	24 37	3 10	20 51	0 6	19 44	0 10	3 48	1 51	21 2	0 9	10 41	1 42	4 55	14 53	14 42	14 23	4 22	12 50	0 26					
M31	21n50	16s36	0n48	24n27	1n 7	24n26	3n 7	21n 0	0n 7	19s44	0s10	3s46	1s51	21n 3	0s 9	10s41	1n42	4n55	14s53	14n43	14n24	4n24	12n51	0s26					

## ASTRODIENST EPHEMERIS for the year 2613

JUNE 2613

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 37 24	10 <sup>11</sup> 38'51	23 <sup>38</sup> 50	27 <sup>11</sup> 47	23 <sup>38</sup> 58	4 <sup>11</sup> 48	2°R18	24 <sup>11</sup> 49	5 <sup>11</sup> 50	2°R25	27 <sup>11</sup> 4	20°D 9	21 <sup>11</sup> 7	22 <sup>11</sup> 13	5 <sup>11</sup> 24	T 1
W 2	16 41 21	11°36'35	6 <sup>11</sup> 12	27°53	24°41	5°31	2 <sup>11</sup> 15	24°52	5°54	2 <sup>11</sup> 24	27° 6	20°R 9	21° 4	22°19	5°27	W 2
T 3	16 45 18	12°34'17	18°17	27°R53	25°23	6°14	2°13	24°55	5°57	2°23	27° 7	20°R 9	21° 1	22°26	5°30	T 3
F 4	16 49 14	13°31'59	0 <sup>11</sup> 13	27°50	26° 5	6°57	2°10	24°59	6° 1	2°21	27° 8	20° 8	20°58	22°33	5°33	F 4
S 5	16 53 11	14°29'39	12° 4	27°41	26°45	7°40	2° 8	25° 2	6° 4	2°20	27°10	20° 4	20°54	22°39	5°36	S 5
S 6	16 57 7	15°27'19	23°54	27°29	27°24	8°24	2° 5	25° 5	6° 8	2°19	27°11	19°58	20°51	22°46	5°39	S 6
M 7	17 1 4	16°24'57	5 <sup>11</sup> 48	27°13	28° 2	9° 7	2° 1	25° 7	6°11	2°18	27°12	19°50	20°48	22°53	5°42	M 7
T 8	17 5 0	17°22'35	17°48	26°52	28°38	9°50	1°58	25°10	6°14	2°17	27°14	19°40	20°45	22°59	5°45	T 8
W 9	17 8 57	18°20'11	29°58	26°29	29°14	10°32	1°54	25°13	6°18	2°16	27°15	19°29	20°42	23° 6	5°48	W 9
T 10	17 12 53	19°17'47	12 <sup>11</sup> 18	26° 3	29°48	11°15	1°51	25°16	6°21	2°15	27°16	19°18	20°39	23°13	5°51	T 10
F 11	17 16 50	20°15'21	24°49	25°34	0 <sup>11</sup> 20	11°58	1°47	25°18	6°25	2°14	27°17	19° 8	20°35	23°20	5°53	F 11
S 12	17 20 47	21°12'55	7 <sup>11</sup> 32	25° 3	0°52	12°41	1°43	25°21	6°28	2°13	27°19	19° 0	20°32	23°26	5°56	S 12
S 13	17 24 43	22°10'27	20°26	24°31	1°22	13°24	1°39	25°23	6°32	2°12	27°20	18°54	20°29	23°33	5°59	S 13
M14	17 28 40	23° 7'59	3 <sup>11</sup> 31	23°57	1°50	14° 6	1°34	25°25	6°35	2°11	27°21	18°51	20°26	23°40	6° 2	M14
T 15	17 32 36	24° 5'29	16°49	23°24	2°17	14°49	1°30	25°27	6°38	2°10	27°22	18°D49	20°23	23°46	6° 4	T 15
W16	17 36 33	25° 2'57	0 <sup>11</sup> 19	22°51	2°42	15°31	1°25	25°30	6°42	2° 9	27°24	18°50	20°19	23°53	6° 7	W16
T 17	17 40 29	26° 0'25	14° 2	22°18	3° 6	16°14	1°20	25°31	6°45	2° 9	27°25	18°51	20°16	24° 0	6°10	T 17
F 18	17 44 26	26°57'51	27°59	21°47	3°27	16°56	1°15	25°33	6°48	2° 8	27°26	18°R51	20°13	24° 7	6°12	F 18
S 19	17 48 22	27°55'17	12 <sup>11</sup> 9	21°18	3°47	17°39	1°10	25°35	6°52	2° 7	27°27	18°50	20°10	24°13	6°15	S 19
S 20	17 52 19	28°52'41	26°31	20°51	4° 5	18°21	1° 5	25°37	6°55	2° 6	27°28	18°47	20° 7	24°20	6°17	S 20
M21	17 56 16	29°50'04	11 <sup>11</sup> 3	20°27	4°22	19° 3	0°59	25°38	6°58	2° 6	27°30	18°43	20° 4	24°27	6°20	M21
T 22	18 0 12	0 <sup>11</sup> 47'26	25°38	20° 6	4°36	19°46	0°54	25°40	7° 1	2° 5	27°31	18°36	20° 0	24°33	6°22	T 22
W23	18 4 9	1°44'47	10 <sup>11</sup> 12	19°49	4°48	20°28	0°48	25°41	7° 5	2° 4	27°32	18°29	19°57	24°40	6°24	W23
T 24	18 8 5	2°42'07	24°36	19°36	4°58	21°10	0°42	25°43	7° 8	2° 4	27°33	18°22	19°54	24°47	6°27	T 24
F 25	18 12 2	3°39'27	8 <sup>11</sup> 45	19°27	5° 6	21°52	0°36	25°44	7°11	2° 3	27°34	18°16	19°51	24°54	6°29	F 25
S 26	18 15 58	4°36'46	22°35	19°22	5°11	22°34	0°30	25°45	7°14	2° 3	27°35	18°12	19°48	25° 0	6°31	S 26
S 27	18 19 55	5°34'05	6 <sup>11</sup> 2	19°D21	5°15	23°16	0°24	25°46	7°18	2° 2	27°37	18° 9	19°45	25° 7	6°34	S 27
M28	18 23 51	6°31'23	19° 6	19°25	5°R16	23°58	0°17	25°47	7°21	2° 1	27°38	18°D 9	19°41	25°14	6°36	M28
T 29	18 27 48	7°28'40	1 <sup>11</sup> 47	19°34	5°14	24°40	0°11	25°48	7°24	2° 1	27°39	18° 9	19°38	25°20	6°38	T 29
W30	18 31 45	8 <sup>11</sup> 25'58	14 <sup>11</sup> 10	19°11	5°11	25°11	0°11	25°48	7°24	2° 1	27°40	18°11	19°35	25°27	6°40	W30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	21n58	13s50	0s20	24n14	0n54	24n16	3n 4	21n 9	0n 7	19s45	0s10	3s45	1s51	21n 4	0s 9	10s40
W 2	22 6	10 31	1 24	24 0	0 40	24 5	3 1	21 17	0 8	19 46	0 11	3 44	1 51	21 4	0 9	10 40
T 3	22 14	6 49	2 24	23 45	0 25	23 54	2 58	21 25	0 9	19 46	0 11	3 43	1 51	21 5	0 9	10 40
F 4	22 21	2 55	3 16	23 30	0 9	23 43	2 54	21 33	0 9	19 47	0 11	3 42	1 52	21 5	0 9	10 39
S 5	22 28	1n 4	4 0	23 13	0s 7	23 31	2 50	21 41	0 10	19 48	0 11	3 41	1 52	21 6	0 9	10 39
S 6	22 34	5 1	4 33	22 56	0 24	23 20	2 46	21 48	0 11	19 49	0 11	3 40	1 52	21 7	0 9	10 39
M 7	22 40	8 46	4 54	22 39	0 41	23 8	2 42	21 56	0 11	19 50	0 11	3 39	1 52	21 7	0 9	10 38
T 8	22 46	12 13	5 3	22 21	0 58	22 56	2 37	22 3	0 12	19 51	0 12	3 38	1 53	21 8	0 9	10 38
W 9	22 51	15 13	4 58	22 3	1 16	22 43	2 32	22 10	0 13	19 51	0 12	3 37	1 53	21 8	0 9	10 38
T 10	22 56	17 34	4 40	21 45	1 33	22 31	2 27	22 16	0 13	19 52	0 12	3 37	1 53	21 9	0 9	10 37
F 11	23 0	19 8	4 7	21 26	1 51	22 19	2 21	22 23	0 14	19 53	0 12	3 36	1 53	21 10	0 9	10 37
S 12	23 4	19 47	3 22	21 8	2 8	22 6	2 15	22 29	0 14	19 54	0 12	3 35	1 54	21 10	0 9	10 37
S 13	23 8	19 24	2 26	20 50	2 24	21 53	2 9	22 35	0 15	19 56	0 12	3 34	1 54	21 11	0 9	10 36
M14	23 11	17 59	1 21	20 33	2 40	21 41	2 3	22 40	0 16	19 57	0 12	3 34	1 54	21 11	0 9	10 36
T 15	23 14	15 34	0 11	20 16	2 56	21 28	1 56	22 46	0 16	19 58	0 13	3 33	1 54	21 12	0 9	10 36
W16	23 16	12 17	1n 1	20 0	3 10	21 15	1 49	22 51	0 17	19 59	0 13	3 32	1 55	21 12	0 9	10 36
T 17	23 18	8 17	2 11	19 45	3 23	21 2	1 41	22 56	0 18	20 0	0 13	3 32	1 55	21 13	0 9	10 35
F 18	23 19	3 47	3 14	19 31	3 36	20 50	1 33	23 1	0 18	20 2	0 13	3 31	1 55	21 14	0 9	10 35
S 19	23 20	1s 0	4 7	19 18	3 47	20 37	1 25	23 6	0 19	20 3	0 13	3 31	1 55	21 14	0 9	10 35
S 20	23 21	5 46	4 45	19 7	3 56	20 24	1 16	23 10	0 19	20 4	0 13	3 30	1 56	21 15	0 9	10 35
M21	23 21	10 15	5 5	18 57	4 5	20 12	1 8	23 15	0 20	20 5	0 14	3 30	1 56	21 15	0 9	10 35
T 22	23 21	14 10	5 5	18 48	4 12	19 59	0 58	23 18	0 21	20 7	0 14	3 30	1 56	21 16	0 9	10 34
W23	23 21	17 11	4 46	18 41	4 17	19 47	0 48	23 22	0 21	20 8	0 14	3 29	1 56	21 16	0 9	10 34
T 24	23 20	19 7	4 9	18 36	4 22	19 35	0 38	23 26	0 22	20 10	0 14	3 29	1 57	21 17	0 9	10 34
F 25	23 18	19 48	3 17	18 32	4 25	19 23	0 28	23 29	0 23	20 11	0 14	3 29	1 57	21 17	0 9	10 34
S 26	23 17	19 16	2 14	18 30	4 26	19 11	0 17	23 32	0 23	20 13	0 14	3 29	1 57	21 18	0 9	10 34
S 27	23 14	17 39	1 5	18 30	4 27	18 59	0 6	23 35	0 24	20 14	0 15	3 28	1 57	21 19	0 9	10 34
M28	23 12	15 8	0s 5	18 31	4 26	18 48	0s 6	23 38	0 24	20 16	0 15	3 28	1 58	21 19	0 9	10 33
T 29	23 9	11 57	1 13	18 34	4 24	18 37	0 17	23 40	0 25	20 17	0 15	3 28	1 58	21 20	0 9	10 33
W30	23n 5	8s19	2s17	18n38	4s21	18n26	0s30	23n42	0n26	20s19	0s15	3s28	1s58	21n20	0s 9	10s33

Julian Day Number = 2675589.5, Delta T = 21m05s

Ecliptic obliquity = 23°21'27", Nutation = - 0°00'12"

Ayanamsha: Fagan/Bradley = 33°19'13", Lahiri = 32°26'13"



## ASTRODIENST EPHEMERIS for the year 2613

AUGUST 2613

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 37 54	8♂58'02	9♂58	2♂40	20°R23	17♂14	26°R 6	25°R20	8♂52	2♂ 3	28♂ 6	17°R36	17♂53	29♂ 2	7♂22	S 1
M 2	20 41 51	9°55'20	21°56	4°47	20♂ 2	17°54	25♂59	25♂17	8°54	2° 4	28° 7	17♂36	17°50	29° 9	7°23	M 2
T 3	20 45 47	10°52'40	4♂ 2	6°55	19°44	18°34	25°52	25°15	8°56	2° 4	28° 7	17°35	17°47	29°15	7°23	T 3
W 4	20 49 44	11°50'00	16°21	9° 2	19°29	19°14	25°45	25°12	8°58	2° 5	28° 8	17°35	17°44	29°22	7°24	W 4
T 5	20 53 41	12°47'21	28°56	11° 9	19°15	19°54	25°37	25° 9	9° 0	2° 6	28° 8	17°34	17°41	29°29	7°24	T 5
F 6	20 57 37	13°44'42	11♂49	13°16	19° 5	20°34	25°30	25° 7	9° 2	2° 6	28° 9	17°34	17°37	29°36	7°24	F 6
S 7	21 1 34	14°42'05	25° 3	15°22	18°56	21°14	25°23	25° 4	9° 4	2° 7	28° 9	17°33	17°34	29°42	7°24	S 7
S 8	21 5 30	15°39'28	8♂37	17°28	18°50	21°54	25°17	25° 1	9° 6	2° 8	28°10	17°33	17°31	29°49	7°24	S 8
M 9	21 9 27	16°36'52	22°29	19°32	18°46	22°34	25°10	24°58	9° 7	2° 9	28°10	17°D33	17°28	29°56	7°25	M 9
T 10	21 13 23	17°34'17	6♂36	21°35	18°D45	23°14	25° 3	24°55	9° 9	2°10	28°10	17°R33	17°25	0♂ 2	7°R25	T 10
W 11	21 17 20	18°31'42	20°54	23°37	18°46	23°53	24°57	24°52	9°11	2°10	28°11	17°33	17°22	0° 9	7°25	W 11
T 12	21 21 16	19°29'08	5♂19	25°37	18°49	24°33	24°50	24°48	9°12	2°11	28°11	17°33	17°18	0°16	7°25	T 12
F 13	21 25 13	20°26'35	19°45	27°36	18°54	25°13	24°44	24°45	9°14	2°12	28°11	17°33	17°15	0°23	7°24	F 13
S 14	21 29 10	21°24'02	4♂ 8	29°34	19° 2	25°52	24°38	24°42	9°16	2°13	28°12	17°32	17°12	0°29	7°24	S 14
S 15	21 33 6	22°21'30	18°25	1♂30	19°11	26°32	24°32	24°38	9°17	2°14	28°12	17°D32	17° 9	0°36	7°24	S 15
M 16	21 37 3	23°18'59	2♂33	3°24	19°23	27°12	24°26	24°35	9°19	2°15	28°12	17°32	17° 6	0°43	7°24	M 16
T 17	21 40 59	24°16'28	16°29	5°17	19°37	27°51	24°20	24°31	9°20	2°16	28°13	17°33	17° 2	0°49	7°24	T 17
W 18	21 44 56	25°13'58	0♂13	7° 9	19°53	28°30	24°14	24°28	9°22	2°17	28°13	17°33	16°59	0°56	7°23	W 18
T 19	21 48 52	26°11'29	13°44	8°59	20°10	29°10	24° 9	24°24	9°23	2°18	28°13	17°34	16°56	1° 3	7°23	T 19
F 20	21 52 49	27° 9'00	27° 2	10°47	20°30	29°49	24° 3	24°20	9°24	2°20	28°13	17°35	16°53	1°10	7°22	F 20
S 21	21 56 45	28° 6'33	10♂ 6	12°34	20°51	0♂28	23°58	24°16	9°25	2°21	28°13	17°35	16°50	1°16	7°22	S 21
S 22	22 0 42	29° 4'06	22°57	14°19	21°14	1° 8	23°53	24°13	9°27	2°22	28°13	17°R35	16°47	1°23	7°21	S 22
M 23	22 4 39	0♂ 1'41	5♂34	16° 3	21°39	1°47	23°48	24° 9	9°28	2°23	28°14	17°35	16°43	1°30	7°20	M 23
T 24	22 8 35	0°59'16	17°59	17°45	22° 5	2°26	23°43	24° 5	9°29	2°24	28°14	17°33	16°40	1°36	7°20	T 24
W 25	22 12 32	1°56'53	0♂13	19°26	22°33	3° 5	23°39	24° 1	9°30	2°26	28°14	17°32	16°37	1°43	7°19	W 25
T 26	22 16 28	2°54'31	12°17	21° 5	23° 3	3°44	23°34	23°57	9°31	2°27	28°14	17°29	16°34	1°50	7°18	T 26
F 27	22 20 25	3°52'11	24°14	22°43	23°34	4°23	23°30	23°53	9°32	2°28	28°14	17°27	16°31	1°57	7°17	F 27
S 28	22 24 21	4°49'52	6♂ 7	24°19	24° 6	5° 2	23°26	23°48	9°33	2°30	28°R14	17°25	16°28	2° 3	7°17	S 28
S 29	22 28 18	5°47'34	18° 0	25°54	24°40	5°41	23°22	23°44	9°34	2°31	28°14	17°23	16°24	2°10	7°16	S 29
M 30	22 32 14	6°45'19	29°56	27°27	25°15	6°20	23°18	23°40	9°35	2°33	28°14	17°22	16°21	2°17	7°15	M 30
T 31	22 36 11	7♂43'04	12♂ 1	28♂59	25♂51	6♂59	23♂14	23♂36	9♂35	2♂34	28♂14	17°D22	16♂18	2♂23	7♂14	T 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17n57	9n47	5s14	20n40	1n12	15n26	6s27	22n59	0n44	21s11	0s19	3s47	2s 6	21n34	0s 9	10s36	1n39	4n58	15s 3	15n30	15n25	6n32	13n25	0s32			
M 2	17 42	13 6	5 16	20 17	1 19	15 26	6 30	22 54	0 45	21 12	0 20	3 48	2 6	21 34	0 9	10 36	1 39	4 58	15 3	15 30	15 26	6 34	13 25	0 32			
T 3	17 27	15 54	5 4	19 51	1 25	15 27	6 32	22 49	0 45	21 13	0 20	3 49	2 6	21 34	0 9	10 36	1 39	4 58	15 4	15 31	15 27	6 36	13 25	0 32			
W 4	17 11	18 3	4 38	19 23	1 30	15 27	6 33	22 44	0 46	21 15	0 20	3 50	2 6	21 35	0 9	10 36	1 39	4 58	15 4	15 31	15 28	6 38	13 25	0 32			
T 5	16 55	19 23	3 58	18 53	1 35	15 28	6 35	22 39	0 46	21 16	0 20	3 51	2 7	21 35	0 9	10 37	1 39	4 57	15 4	15 31	15 29	6 40	13 25	0 32			
F 6	16 39	19 45	3 5	18 21	1 39	15 29	6 35	22 34	0 47	21 18	0 20	3 53	2 7	21 35	0 9	10 37	1 39	4 57	15 5	15 31	15 30	6 42	13 25	0 33			
S 7	16 22	19 3	2 2	17 47	1 42	15 30	6 35	22 28	0 47	21 19	0 20	3 54	2 7	21 35	0 9	10 37	1 39	4 57	15 5	15 31	15 31	6 44	13 25	0 33			
S 8	16 5	17 15	0 49	17 12	1 44	15 32	6 34	22 22	0 48	21 20	0 20	3 55	2 7	21 36	0 9	10 38	1 39	4 57	15 5	15 31	15 32	6 46	13 25	0 33			
M 9	15 48	14 24	0n27	16 35	1 45	15 33	6 33	22 16	0 48	21 22	0 20	3 57	2 8	21 36	0 9	10 38	1 39	4 57	15 5	15 31	15 33	6 48	13 25	0 33			
T 10	15 31	10 40	1 44	15 56	1 46	15 35	6 32	22 10	0 49	21 23	0 21	3 58	2 8	21 36	0 9	10 38	1 39	4 57	15 6	15 31	15 34	6 51	13 25	0 33			
W 11	15 13	6 16	2 55	15 16	1 46	15 37	6 30	22 4	0 49	21 24	0 21	4 0	2 8	21 37	0 9	10 39	1 39	4 56	15 6	15 31	15 35	6 53	13 25	0 33			
T 12	14 56	1 30	3 55	14 35	1 45	15 39	6 28	21 58	0 50	21 26	0 21	4 1	2 8	21 37	0 9	10 39	1 39	4 56	15 6	15 31	15 36	6 55	13 25	0 33			
F 13	14 38	3s22	4 41	13 53	1 44	15 40	6 25	21 51	0 51	21 27	0 21	4 2	2 8	21 37	0 9	10 39	1 38	4 56	15 7	15 31	15 37	6 57	13 25	0 33			
S 14	14 19	8 1	5 8	13 11	1 42	15 42	6 22	21 44	0 51	21 28	0 21	4 4	2 8	21 37	0 9	10 40	1 38	4 56	15 7	15 31	15 38	6 59	13 25	0 33			
S 15	14 1	12 10	5 17	12 27	1 39	15 45	6 18	21 37	0 52	21 29	0 21	4 6	2 9	21 38	0 9	10 40	1 38	4 56	15 7	15 32	15 39	7 1	13 24	0 33			
M 16	13 42	15 35	5 6	11 43	1 36	15 47	6 15	21 30	0 52	21 30	0 21	4 7	2 9	21 38	0 9	10 40	1 38	4 55	15 7	15 31	15 40	7 3	13 24	0 34			
T 17	13 23	18 4	4 37	10 59	1 33	15 49	6 11	21 23	0 53	21 31	0 21	4 9	2 9	21 38	0 9	10 41	1 38	4 55	15 8	15 31	15 41	7 5	13 24	0 34			
W 18	13 4	19 28	3 53	10 14	1 29	15 51	6 7	21 15	0 53	21 33	0 21	4 10	2 9	21 38	0 9	10 41	1 38	4 55	15 8	15 31	15 41	7 7	13 24	0 34			
T 19	12 45	19 43	2 57	9 29	1 24	15 52	6 2	21 8	0 54	21 34	0 21	4 12	2 9	21 38	0 9	10 42	1 38	4 55	15 8	15 31	15 42	7 9	13 24	0 34			
F 20	12 25	18 51	1 51	8 43	1 19	15 54	5 58	21 0	0 54	21 35	0 21	4 13	2 10	21 39	0 9	10 42	1 38	4 54	15 9	15 31	15 43	7 11	13 23	0 34			
S 21	12 5	16 59	0 41	7 58	1 14	15 56	5 53	20 52	0 55	21 36	0 22	4 15	2 10	21 39	0 9	10 43	1 38	4 54	15 9	15 31	15 44	7 13	13 23	0 34			
S 22	11 46	14 17	0s30	7 12	1 9	15 58	5 48	20 44	0 55	21 37	0 22	4 17	2 10	21 39	0 9	10 43	1 38	4 54	15 9	15 31	15 45	7 15	13 23	0 34			
M 23	11 25	10 57	1 38	6 27	1 2	15 59	5 43	20 36	0 56	21 38	0 22	4 18	2 10	21 39	0 9	10 44	1 38	4 54	15 9	15 31	15 46	7 17	13 22	0 34			
T 24	11 5	7 11	2 40	5 41	0 56	16 0	5 37	20 28	0 56	21 38	0 22	4 20	2 10	21 39	0 9	10 44	1 38	4 53	15 10	15 31	15 47	7 19	13 22	0 34			
W 25	10 45	3 11	3 34	4 56	0 49	16 1	5 32	20 19	0 57	21 39	0 22	4 22	2 10	21 40	0 9	10 44	1 38	4 53	15 10	15 32	15 48	7 21	13 22	0 35			
T 26	10 24	0n53	4 18	4 11	0 43	16 2	5 26	20 11	0 57	21 40	0 22	4 24	2 10	21 40	0 9	10 45	1 38	4 53	15 10	15 32	15 49	7 24	13 21	0 35			
F 27	10 3	4 52	4 50	3 26	0 35	16 3	5 20	20 2	0 58	21 41	0 22	4 25	2 11	21 40	0 9	10 45	1 38	4 53	15 11	15 33	15 50	7 26	13 21	0 35			
S 28	9 42	8 39	5 9	2 41	0 28	16 3	5 14	19 53	0 58	21 42	0 22	4 27	2 11	21 40	0 9	10 46	1 38	4 52	15 11	15 34	15 51	7 28	13 21	0 35			
S 29	9 21	12 5	5 15	1 56	0 20	16 3	5 8	19 44	0 59	21 43	0 22	4 29	2 11	21 40	0 9	10 46	1 38	4 52	15 11	15 34	15 52	7 30	13 20	0 35			
M 30	9 0	15 3	5 8	1 12	0 12	16 3	5 2	19 35	0 59	21 43	0 22	4 31	2 11	21 40	0 9	10 47	1 38	4 52	15 11	15 35	15 53	7 32	13 20	0 35			
T 31	8n39	17n25	4s47	0n28	0n 4	16n 3	4s56	19n26	1n 0	21s44	0s22	4s33	2s11	21n40	0s 9	10s48	1n38	4ns1	15s12	15n35	15n54	7n34	13n19	0s35			



# ASTRODIENST EPHEMERIS for the year 2613

OCTOBER 2613

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	0 38 24	7♂46'40	27♂53	29♂44	21♂47	26♂40	22♂54	21°R17	9°R34	3♂29	28°R 2	16♂15	14♂39	5♂52	6°R19	F 1
S 2	0 42 21	8°45'19	11♂ 9	29°R45	22°47	27°18	22°56	21°K13	9°K34	3°31	28°R 2	16°R16	14°36	5°58	6°R16	S 2
S 3	0 46 17	9°44'01	24°52	29°40	23°47	27°55	22°59	21° 9	9°33	3°33	28° 1	16°16	14°33	6° 5	6°14	S 3
M 4	0 50 14	10°42'45	9♂ 4	29°27	24°48	28°32	23° 2	21° 4	9°32	3°35	28° 0	16°13	14°30	6°12	6°11	M 4
T 5	0 54 10	11°41'31	23°42	29° 8	25°49	29° 9	23° 5	21° 0	9°31	3°38	28° 0	16° 9	14°27	6°19	6° 9	T 5
W 6	0 58 7	12°40'19	8♂41	28°41	26°50	29°47	23° 8	20°56	9°30	3°40	27°59	16° 2	14°24	6°25	6° 6	W 6
T 7	1 2 3	13°39'10	23°52	28° 7	27°52	0♂24	23°11	20°52	9°29	3°42	27°58	15°54	14°20	6°32	6° 4	T 7
F 8	1 6 0	14°38'02	9♂ 5	27°26	28°54	1° 1	23°15	20°48	9°28	3°44	27°57	15°45	14°17	6°39	6° 1	F 8
S 9	1 9 56	15°36'56	24°10	26°37	29°56	1°38	23°18	20°44	9°26	3°46	27°57	15°37	14°14	6°46	5°59	S 9
S 10	1 13 53	16°35'51	8♂56	25°43	0♂59	2°15	23°22	20°40	9°25	3°48	27°56	15°30	14°11	6°52	5°56	S 10
M11	1 17 50	17°34'49	23°19	24°43	2° 2	2°52	23°26	20°37	9°24	3°50	27°55	15°25	14° 8	6°59	5°54	M11
T 12	1 21 46	18°33'48	7♂15	23°38	3° 5	3°28	23°30	20°33	9°23	3°53	27°54	15°23	14° 5	7° 6	5°51	T 12
W13	1 25 43	19°32'49	20°46	22°30	4° 9	4° 5	23°35	20°29	9°21	3°55	27°53	15°D22	14° 1	7°12	5°48	W13
T 14	1 29 39	20°31'52	3♂52	21°21	5°13	4°42	23°39	20°25	9°20	3°57	27°53	15°23	13°58	7°19	5°46	T 14
F 15	1 33 36	21°30'56	16°39	20°12	6°17	5°19	23°44	20°22	9°19	3°59	27°52	15°R23	13°55	7°26	5°43	F 15
S 16	1 37 32	22°30'02	29°10	19° 6	7°22	5°55	23°49	20°18	9°17	4° 1	27°51	15°22	13°52	7°33	5°40	S 16
S 17	1 41 29	23°29'10	11♂28	18° 3	8°26	6°32	23°54	20°15	9°16	4° 3	27°50	15°19	13°49	7°39	5°38	S 17
M18	1 45 25	24°28'19	23°36	17° 6	9°31	7° 8	23°59	20°12	9°14	4° 6	27°49	15°13	13°45	7°46	5°35	M18
T 19	1 49 22	25°27'31	5°V38	16°17	10°37	7°45	24° 5	20° 8	9°13	4° 8	27°48	15° 5	13°42	7°53	5°32	T 19
W20	1 53 19	26°26'44	17°36	15°36	11°42	8°21	24°10	20° 5	9°11	4°10	27°47	14°53	13°39	7°59	5°29	W20
T 21	1 57 15	27°26'00	29°30	15° 5	12°48	8°58	24°16	20° 2	9° 9	4°12	27°46	14°40	13°36	8° 6	5°27	T 21
F 22	2 1 12	28°25'17	11♂23	14°45	13°54	9°34	24°22	19°59	9° 8	4°15	27°45	14°27	13°33	8°13	5°24	F 22
S 23	2 5 8	29°24'36	23°15	14°D35	15° 0	10°10	24°28	19°56	9° 6	4°17	27°44	14°13	13°30	8°20	5°21	S 23
S 24	2 9 5	0♂23'58	5♂ 9	14°37	16° 7	10°46	24°34	19°53	9° 4	4°19	27°43	14° 1	13°26	8°26	5°18	S 24
M25	2 13 1	1°23'22	17° 6	14°49	17°14	11°22	24°41	19°50	9° 2	4°21	27°42	13°52	13°23	8°33	5°16	M25
T 26	2 16 58	2°22'48	29° 9	15°12	18°21	11°59	24°47	19°47	9° 0	4°23	27°41	13°45	13°20	8°40	5°13	T 26
W27	2 20 54	3°22'16	11♂23	15°44	19°28	12°35	24°54	19°45	8°59	4°26	27°40	13°41	13°17	8°47	5°10	W27
T 28	2 24 51	4°21'47	23°49	16°26	20°36	13°11	25° 1	19°42	8°57	4°28	27°39	13°39	13°14	8°53	5° 7	T 28
F 29	2 28 48	5°21'20	6♂35	17°15	21°43	13°46	25° 8	19°40	8°55	4°30	27°38	13°39	13°11	9° 0	5° 4	F 29
S 30	2 32 44	6°20'55	19°43	18°13	22°51	14°22	25°15	19°37	8°53	4°32	27°37	13°38	13° 7	9° 7	5° 2	S 30
S 31	2 36 41	7♂20'32	3♂17	19♂17	23♂59	14♂58	25♂22	19♂35	8♂51	4♂35	27♂36	13♂37	13♂ 4	9♂13	4♂59	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	3s 5	18n56	1s37	14s56	3s51	12n40	1s37	13n45	1n15	21s49	0s24	5s29	2s13	21n40	0s 9	11s 7	1n37	4n41	15s20	15n55	16n23	8n38	12n59	0s38					
S 2	3 28	16 56	0 27	14 58	3 52	12 26	1 31	13 33	1 15	21 49	0 24	5 30	2 13	21 40	0 9	11 8	1 37	4 41	15 20	15 55	16 24	8 40	12 58	0 38					
S 3	3 51	13 55	0n46	14 56	3 52	12 13	1 25	13 20	1 15	21 48	0 24	5 32	2 13	21 40	0 8	11 9	1 37	4 40	15 20	15 55	16 25	8 42	12 57	0 38					
M 4	4 14	9 59	1 59	14 51	3 51	11 58	1 19	13 8	1 16	21 48	0 24	5 34	2 13	21 40	0 8	11 9	1 37	4 40	15 20	15 55	16 26	8 44	12 56	0 38					
T 5	4 37	5 21	3 7	14 42	3 49	11 43	1 13	12 55	1 16	21 47	0 24	5 35	2 13	21 40	0 8	11 10	1 37	4 40	15 21	15 57	16 27	8 46	12 55	0 39					
W 6	4 59	0 17	4 3	14 29	3 45	11 28	1 7	12 43	1 17	21 47	0 24	5 37	2 13	21 40	0 8	11 11	1 37	4 39	15 21	15 59	16 27	8 48	12 54	0 39					
T 7	5 22	4s51	4 42	14 12	3 40	11 13	1 2	12 30	1 17	21 46	0 24	5 38	2 12	21 39	0 8	11 11	1 37	4 39	15 21	16 1	16 28	8 50	12 53	0 39					
F 8	5 45	9 42	5 2	13 50	3 33	10 57	0 56	12 17	1 18	21 46	0 24	5 40	2 12	21 39	0 8	11 12	1 37	4 39	15 21	16 4	16 29	8 52	12 52	0 39					
S 9	6 8	13 53	5 1	13 24	3 24	10 40	0 50	12 5	1 18	21 45	0 24	5 41	2 12	21 39	0 8	11 13	1 37	4 38	15 21	16 6	16 30	8 54	12 51	0 39					
S 10	6 30	17 7	4 40	12 54	3 13	10 23	0 45	11 52	1 19	21 45	0 24	5 43	2 12	21 39	0 8	11 14	1 37	4 38	15 22	16 8	16 31	8 56	12 51	0 39					
M11	6 53	19 11	4 1	12 20	3 0	10 6	0 39	11 39	1 19	21 44	0 24	5 44	2 12	21 39	0 8	11 14	1 37	4 38	15 22	16 10	16 32	8 58	12 50	0 39					
T 12	7 15	20 1	3 9	11 43	2 46	9 49	0 34	11 26	1 20	21 43	0 24	5 46	2 12	21 39	0 8	11 15	1 37	4 37	15 22	16 10	16 33	9 0	12 49	0 39					
W13	7 37	19 40	2 7	11 3	2 30	9 31	0 29	11 13	1 20	21 43	0 24	5 47	2 12	21 38	0 8	11 16	1 37	4 37	15 22	16 10	16 34	9 2	12 48	0 39					
T 14	8 0	18 14	1 1	10 20	2 12	9 12	0 23	11 0	1 20	21 42	0 24	5 48	2 12	21 38	0 8	11 17	1 37	4 37	15 22	16 10	16 35	9 4	12 47	0 39					
F 15	8 22	15 54	0s 7	9 37	1 53	8 54	0 18	10 47	1 21	21 41	0 25	5 50	2 12	21 38	0 8	11 17	1 37	4 36	15 23	16 10	16 36	9 6	12 46	0 39					
S 16	8 44	12 52	1 13	8 53	1 33	8 35	0 13	10 34	1 21	21 40	0 25	5 51	2 12	21 38	0 8	11 18	1 37	4 36	15 23	16 10	16 37	9 8	12 45	0 40					
S 17	9 5	9 18	2 14	8 11	1 13	8 15	0 8	10 21	1 22	21 39	0 25	5 52	2 12	21 37	0 8	11 19	1 37	4 36	15 23	16 11	16 38	9 10	12 44	0 40					
M18	9 27	5 25	3 8	7 30	0 52	7 55	0 3	10 8	1 22	21 38	0 25	5 54	2 12	21 37	0 8	11 20	1 37	4 35	15 23	16 13	16 38	9 12	12 43	0 40					
T 19	9 49	1 20	3 53	6 52	0 32	7 35	0n 2	9 55	1 23	21 38	0 25	5 55	2 12	21 37	0 8	11 20	1 37	4 35	15 23	16 16	16 39	9 14	12 42	0 40					
W20	10 10	2n45	4 28	6 18	0 12	7 15	0 6	9 42	1 23	21 37	0 25	5 56	2 12	21 37	0 8	11 21	1 36	4 35	15 23	16 19	16 40	9 16	12 41	0 40					
T 21	10 31	6 44	4 50	5 49	0n 7	6 54	0 11	9 28	1 24	21 36	0 25	5 57	2 11	21 37	0 8	11 22	1 36	4 34	15 23	16 23	16 41	9 18	12 40	0 40					
F 22	10 53	10 26	5 0	5 24	0 25	6 33	0 16	9 15	1 24	21 35	0 25	5 58	2 11	21 36	0 8	11 23	1 36	4 34	15 24	16 27	16 42	9 20	12 39	0 40					
S 23	11 14	13 44	4 57	5 5	0 42	6 12	0 20	9 2	1 24	21 34	0 25	5 59	2 11	21 36	0 8	11 23	1 36	4 34	15 24	16 30	16 43	9 22	12 38	0 40					
S 24	11 34	16 29	4 41	4 52	0 57	5 50	0 25	8 49	1 25	21 33	0 25	6 0	2 11	21 36	0 8	11 24	1 36	4 33	15 24	16 34	16 44	9 25	12 37	0 40					
M25	11 55	18 33	4 12	4 44	1 10	5 28	0 29	8 35	1 25	21 31	0 25	6 1	2 11	21 35	0 8	11 25	1 36	4 33	15 24	16 37	16 45	9 27	12 36	0 40					
T 26	12 16	19 49	3 32	4 42	1 22	5 6	0 33	8 22	1 26	21 30	0 25	6 2	2 11	21 35	0 8	11 26	1 36	4 33	15 24	16 39	16 46	9 29	12 35	0 40					
W27	12 36	20 11	2 42	4 45	1 33	4 44	0 37	8 9	1 26	21 29	0 25	6 3	2 11	21 35	0 8	11 26	1 36	4 32	15 24	16 40	16 47	9 31	12 34	0 40					
T 28	12 56	19 35	1 43	4 52	1 42	4 21	0 41	7 55	1 27	21 28	0 25	6 4	2 11	21 35	0 8	11 27	1 37	4 32	15 24	16 40	16 47	9 33	12 33	0 40					
F 29	13 16	17 58	0 37	5 5	1 49	3 58	0 45	7 42	1 27	21 27	0 25	6 5	2 11	21 34	0 8	11 28	1 37	4 32	15 24	16 40	16 48	9 35	12 32	0 41					
S 30	13 35	15 22	0n32	5 21	1 55	3 35	0 49	7 29	1 28	21 25	0 25	6 6	2 10	21 34	0 8	11 28	1 37	4 31	15 24	16 40	16 49	9 37	12 31	0 41					
S 31	13s55	11n51	1n42	5s41	1n59	3n11	0n53	7n15	1n28	21s24	0s25	6s 7	2s10	21n34	0s 8	11s29	1n37	4n31	15s25	16n41	16n50	9n39	12n30	0s41					

# ASTRODIENST EPHEMERIS for the year 2613

NOVEMBER 2613

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	2 40 37	8♈20°12	17♏21	20♊27	25♏7	15♏34	25♏30	19°R33	8°R49	4♈37	27°R35	13°R34	13♏1	9♊20	4°R56	M 1
T 2	2 44 34	9°19'53	1♊53	21°42	26°16	16°9	25°37	19°R30	8♏47	4°39	27°R34	13♏29	12°58	9°27	4♊53	T 2
W 3	2 48 30	10°19'37	16°51	23°1	27°24	16°45	25°45	19°28	8°44	4°41	27°33	13°20	12°55	9°34	4°50	W 3
T 4	2 52 27	11°19'23	2♈5	24°25	28°33	17°21	25°53	19°26	8°42	4°44	27°32	13°10	12°51	9°40	4°48	T 4
F 5	2 56 23	12°19'11	17°27	25°51	29°42	17°56	26°1	19°25	8°40	4°46	27°31	12°58	12°48	9°47	4°45	F 5
S 6	3 0 20	13°19'01	2♊43	27°20	0♊51	18°32	26°9	19°23	8°38	4°48	27°30	12°47	12°45	9°54	4°42	S 6
S 7	3 4 17	14°18'53	17°43	28°52	2°1	19°7	26°17	19°21	8°36	4°50	27°29	12°38	12°42	10°0	4°39	S 7
M 8	3 8 13	15°18'47	2♏19	0♈25	3°10	19°42	26°26	19°20	8°34	4°52	27°28	12°31	12°39	10°7	4°37	M 8
T 9	3 12 10	16°18'42	16°27	1°59	4°20	20°17	26°34	19°18	8°31	4°55	27°27	12°27	12°36	10°14	4°34	T 9
W10	3 16 6	17°18'39	0♊4	3°35	5°29	20°52	26°43	19°17	8°29	4°57	27°26	12°25	12°32	10°21	4°31	W10
T 11	3 20 3	18°18'38	13°14	5°11	6°39	21°28	26°52	19°15	8°27	4°59	27°24	12°25	12°29	10°27	4°29	T 11
F 12	3 23 59	19°18'38	26°0	6°48	7°49	22°3	27°1	19°14	8°24	5°1	27°23	12°25	12°26	10°34	4°26	F 12
S 13	3 27 56	20°18'39	8♊27	8°26	8°59	22°37	27°10	19°13	8°22	5°3	27°22	12°23	12°23	10°41	4°23	S 13
S 14	3 31 52	21°18'42	20°39	10°4	10°10	23°12	27°19	19°12	8°20	5°6	27°21	12°20	12°20	10°48	4°20	S 14
M15	3 35 49	22°18'47	2♏41	11°42	11°20	23°47	27°29	19°11	8°17	5°8	27°20	12°14	12°16	10°54	4°18	M15
T 16	3 39 46	23°18'53	14°37	13°20	12°31	24°22	27°38	19°11	8°15	5°10	27°19	12°6	12°13	11°1	4°15	T 16
W17	3 43 42	24°19'01	26°30	14°58	13°42	24°56	27°48	19°10	8°13	5°12	27°18	11°54	12°10	11°8	4°13	W17
T 18	3 47 39	25°19'11	8♊22	16°36	14°52	25°31	27°57	19°9	8°10	5°14	27°17	11°41	12°7	11°14	4°10	T 18
F 19	3 51 35	26°19'22	20°15	18°14	16°3	26°5	28°7	19°9	8°8	5°16	27°15	11°27	12°4	11°21	4°8	F 19
S 20	3 55 32	27°19'35	2♈11	19°52	17°14	26°40	28°17	19°9	8°5	5°18	27°14	11°13	12°1	11°28	4°5	S 20
S 21	3 59 28	28°19'50	14°10	21°29	18°26	27°14	28°27	19°8	8°3	5°21	27°13	11°0	11°57	11°35	4°3	S 21
M22	4 3 25	29°20'06	26°15	23°7	19°37	27°48	28°37	19°8	8°0	5°23	27°12	10°50	11°54	11°41	4°0	M22
T 23	4 7 21	0♊20'25	8♊26	24°44	20°48	28°23	28°48	19°D 8	7°58	5°25	27°11	10°43	11°51	11°48	3°58	T 23
W24	4 11 18	1°20'45	20°45	26°21	22°0	28°57	28°58	19°8	7°55	5°27	27°10	10°38	11°48	11°55	3°55	W24
T 25	4 15 15	2°21'07	3♊17	27°57	23°12	29°31	29°8	19°8	7°53	5°29	27°9	10°37	11°45	12°2	3°53	T 25
F 26	4 19 11	3°21'31	16°3	29°34	24°23	0♊5	29°19	19°9	7°50	5°31	27°8	10°D37	11°42	12°8	3°50	F 26
S 27	4 23 8	4°21'57	29°8	1♊10	25°35	0°38	29°30	19°9	7°48	5°33	27°7	10°R37	11°38	12°15	3°48	S 27
S 28	4 27 4	5°22'24	12♏35	2°46	26°47	1°12	29°41	19°9	7°45	5°35	27°5	10°37	11°35	12°22	3°46	S 28
M29	4 31 1	6°22'53	26°27	4°21	27°59	1°46	29°52	19°10	7°43	5°37	27°4	10°35	11°32	12°28	3°44	M29
T 30	4 34 57	7♊23'25	10♊45	5♊57	29♊11	2♊19	0♊3	19°R11	7♈40	5♈39	27°R 3	10♊31	11♊29	12♊35	3♊41	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	14s14	7n33	2n48	6s 4	2n 3	2n48	0n56	7n 2	1n28	21s23	0s25	6s 7	2s10	21n33	0s 8	11s30
T 2	14 33	2 42	3 45	6 30	2 5	2 24	1 0	6 48	1 29	21 21	0 25	6 8	2 10	21 33	0 8	11 31
W 3	14 52	2s27	4 29	6 59	2 6	2 0	1 3	6 35	1 29	21 20	0 25	6 9	2 10	21 33	0 8	11 31
T 4	15 11	7 33	4 55	7 29	2 6	1 36	1 7	6 22	1 30	21 19	0 25	6 9	2 10	21 32	0 8	11 32
F 5	15 29	12 11	4 59	8 1	2 5	1 11	1 10	6 8	1 30	21 17	0 25	6 10	2 10	21 32	0 8	11 33
S 6	15 47	16 1	4 42	8 35	2 3	0 47	1 13	5 55	1 31	21 16	0 25	6 11	2 9	21 32	0 8	11 34
S 7	16 5	18 42	4 6	9 9	2 1	0 22	1 16	5 41	1 31	21 14	0 25	6 11	2 9	21 31	0 8	11 34
M 8	16 22	20 6	3 15	9 44	1 58	0s 3	1 19	5 28	1 31	21 13	0 25	6 12	2 9	21 31	0 8	11 35
T 9	16 40	20 9	2 13	10 20	1 54	0 27	1 22	5 15	1 32	21 11	0 25	6 12	2 9	21 31	0 8	11 36
W10	16 57	19 1	1 5	10 57	1 50	0 52	1 25	5 1	1 32	21 9	0 25	6 12	2 9	21 30	0 8	11 37
T 11	17 13	16 52	0s 4	11 33	1 45	1 18	1 28	4 48	1 33	21 8	0 25	6 13	2 9	21 30	0 8	11 37
F 12	17 30	13 56	1 11	12 10	1 40	1 43	1 30	4 34	1 33	21 6	0 25	6 13	2 9	21 30	0 8	11 38
S 13	17 46	10 26	2 13	12 46	1 35	2 8	1 32	4 21	1 34	21 4	0 25	6 13	2 8	21 29	0 8	11 39
S 14	18 2	6 34	3 7	13 22	1 29	2 33	1 35	4 8	1 34	21 2	0 25	6 14	2 8	21 29	0 8	11 39
M15	18 17	2 30	3 52	13 58	1 23	2 59	1 37	3 54	1 34	21 1	0 26	6 14	2 8	21 29	0 8	11 40
T 16	18 32	1n38	4 27	14 33	1 17	3 24	1 39	3 41	1 35	20 59	0 26	6 14	2 8	21 28	0 8	11 41
W17	18 47	5 41	4 50	15 8	1 11	3 50	1 41	3 28	1 35	20 57	0 26	6 14	2 8	21 28	0 8	11 41
T 18	19 2	9 31	5 0	15 43	1 5	4 15	1 43	3 15	1 36	20 55	0 26	6 14	2 8	21 28	0 8	11 42
F 19	19 16	12 59	4 57	16 16	0 58	4 41	1 45	3 1	1 36	20 53	0 26	6 14	2 7	21 27	0 8	11 43
S 20	19 30	15 56	4 41	16 49	0 51	5 6	1 47	2 48	1 37	20 51	0 26	6 14	2 7	21 27	0 8	11 43
S 21	19 43	18 15	4 12	17 21	0 45	5 32	1 48	2 35	1 37	20 49	0 26	6 14	2 7	21 26	0 8	11 44
M22	19 56	19 46	3 32	17 53	0 38	5 57	1 50	2 22	1 37	20 47	0 26	6 14	2 7	21 26	0 8	11 45
T 23	20 9	20 24	2 42	18 23	0 31	6 23	1 51	2 9	1 38	20 45	0 26	6 14	2 7	21 26	0 8	11 45
W24	20 22	20 3	1 43	18 53	0 24	6 48	1 53	1 55	1 38	20 43	0 26	6 14	2 7	21 25	0 8	11 46
T 25	20 34	18 44	0 39	19 21	0 17	7 13	1 54	1 42	1 39	20 41	0 26	6 13	2 6	21 25	0 8	11 47
F 26	20 45	16 26	0n29	19 49	0 10	7 38	1 55	1 29	1 39	20 39	0 26	6 13	2 6	21 24	0 8	11 47
S 27	20 57	13 15	1 37	20 16	0 4	8 4	1 56	1 16	1 40	20 37	0 26	6 13	2 6	21 24	0 8	11 48
S 28	21 8	9 18	2 42	20 42	0s 3	8 29	1 57	1 3	1 40	20 34	0 26	6 13	2 6	21 24	0 8	11 49
M29	21 18	4 45	3 39	21 6	0 10	8 53	1 58	0 50	1 41	20 32	0 26	6 12	2 6	21 23	0 8	11 49
T 30	21s28	0s11	4n24	21s30	0s17	9s18	1n58	0n37	1n41	20s30	0s26	6s12	2s 6	21n23	0s 8	11s50

Julian Day Number = 2675742.5, Delta T = 21m07s  
 Ecliptic obliquity = 23°21'28", Nutation = - 0°00'14"  
 Ayanamsha: Fagan/Bradley = 33°19'34", Lahiri = 32°26'34"

# ASTRODIENST EPHEMERIS for the year 2613

DECEMBER 2613

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	4 38 54	8 <sup>23</sup> 23'58	25 <sup>26</sup> 26	7 <sup>32</sup> 32	0 <sup>24</sup> 24	2 <sup>53</sup> 53	0 <sup>14</sup> 14	19 <sup>11</sup> 11	7 <sup>38</sup> 38	5 <sup>41</sup> 41	27 <sup>2</sup> 2	10 <sup>25</sup> 25	11 <sup>26</sup> 26	12 <sup>42</sup> 42	3 <sup>39</sup> 39	W 1
T 2	4 42 50	9 <sup>24</sup> 32	10 <sup>26</sup> 26	9 <sup>7</sup> 7	1 <sup>36</sup> 36	3 <sup>26</sup> 26	0 <sup>25</sup> 25	19 <sup>12</sup> 12	7 <sup>35</sup> 35	5 <sup>43</sup> 43	27 <sup>1</sup> 1	10 <sup>16</sup> 16	11 <sup>22</sup> 22	12 <sup>49</sup> 49	3 <sup>37</sup> 37	T 2
F 3	4 46 47	10 <sup>25</sup> 09	25 <sup>36</sup> 36	10 <sup>41</sup> 41	2 <sup>49</sup> 49	4 <sup>0</sup> 0	0 <sup>36</sup> 36	19 <sup>13</sup> 13	7 <sup>33</sup> 33	5 <sup>45</sup> 45	27 <sup>0</sup> 0	10 <sup>6</sup> 6	11 <sup>19</sup> 19	12 <sup>55</sup> 55	3 <sup>35</sup> 35	F 3
S 4	4 50 44	11 <sup>25</sup> 47	10 <sup>46</sup> 46	12 <sup>16</sup> 16	4 <sup>1</sup> 1	4 <sup>33</sup> 33	0 <sup>47</sup> 47	19 <sup>15</sup> 15	7 <sup>30</sup> 30	5 <sup>47</sup> 47	26 <sup>59</sup> 59	9 <sup>57</sup> 57	11 <sup>16</sup> 16	13 <sup>2</sup> 2	3 <sup>33</sup> 33	S 4
S 5	4 54 40	12 <sup>26</sup> 26	25 <sup>46</sup> 46	13 <sup>50</sup> 50	5 <sup>14</sup> 14	5 <sup>6</sup> 6	0 <sup>59</sup> 59	19 <sup>16</sup> 16	7 <sup>28</sup> 28	5 <sup>48</sup> 48	26 <sup>58</sup> 58	9 <sup>49</sup> 49	11 <sup>13</sup> 13	13 <sup>9</sup> 9	3 <sup>31</sup> 31	S 5
M 6	4 58 37	13 <sup>27</sup> 07	10 <sup>27</sup> 27	15 <sup>25</sup> 25	6 <sup>26</sup> 26	5 <sup>39</sup> 39	1 <sup>11</sup> 11	19 <sup>17</sup> 17	7 <sup>25</sup> 25	5 <sup>50</sup> 50	26 <sup>57</sup> 57	9 <sup>43</sup> 43	11 <sup>10</sup> 10	13 <sup>15</sup> 15	3 <sup>29</sup> 29	M 6
T 7	5 2 33	14 <sup>27</sup> 49	24 <sup>41</sup> 41	16 <sup>59</sup> 59	7 <sup>39</sup> 39	6 <sup>12</sup> 12	1 <sup>22</sup> 22	19 <sup>18</sup> 18	7 <sup>23</sup> 23	5 <sup>52</sup> 52	26 <sup>56</sup> 56	9 <sup>40</sup> 40	11 <sup>7</sup> 7	13 <sup>22</sup> 22	3 <sup>27</sup> 27	T 7
W 8	5 6 30	15 <sup>28</sup> 32	8 <sup>27</sup> 27	18 <sup>33</sup> 33	8 <sup>52</sup> 52	6 <sup>44</sup> 44	1 <sup>34</sup> 34	19 <sup>20</sup> 20	7 <sup>20</sup> 20	5 <sup>54</sup> 54	26 <sup>55</sup> 55	9 <sup>40</sup> 40	11 <sup>3</sup> 3	13 <sup>29</sup> 29	3 <sup>25</sup> 25	W 8
T 9	5 10 26	16 <sup>29</sup> 16	21 <sup>45</sup> 45	20 <sup>7</sup> 7	10 <sup>5</sup> 5	7 <sup>17</sup> 17	1 <sup>46</sup> 46	19 <sup>22</sup> 22	7 <sup>18</sup> 18	5 <sup>56</sup> 56	26 <sup>53</sup> 53	9 <sup>40</sup> 40	11 <sup>0</sup> 0	13 <sup>36</sup> 36	3 <sup>23</sup> 23	T 9
F 10	5 14 23	17 <sup>30</sup> 01	4 <sup>37</sup> 37	21 <sup>41</sup> 41	11 <sup>18</sup> 18	7 <sup>50</sup> 50	1 <sup>58</sup> 58	19 <sup>23</sup> 23	7 <sup>15</sup> 15	5 <sup>58</sup> 58	26 <sup>52</sup> 52	9 <sup>41</sup> 41	10 <sup>57</sup> 57	13 <sup>42</sup> 42	3 <sup>21</sup> 21	F 10
S 11	5 18 19	18 <sup>30</sup> 47	17 <sup>7</sup> 7	23 <sup>14</sup> 14	12 <sup>31</sup> 31	8 <sup>22</sup> 22	2 <sup>10</sup> 10	19 <sup>25</sup> 25	7 <sup>13</sup> 13	5 <sup>59</sup> 59	26 <sup>51</sup> 51	9 <sup>41</sup> 41	10 <sup>54</sup> 54	13 <sup>49</sup> 49	3 <sup>19</sup> 19	S 11
S 12	5 22 16	19 <sup>31</sup> 34	29 <sup>20</sup> 20	24 <sup>48</sup> 48	13 <sup>44</sup> 44	8 <sup>55</sup> 55	2 <sup>22</sup> 22	19 <sup>27</sup> 27	7 <sup>11</sup> 11	6 <sup>1</sup> 1	26 <sup>50</sup> 50	9 <sup>41</sup> 41	10 <sup>51</sup> 51	13 <sup>56</sup> 56	3 <sup>18</sup> 18	S 12
M13	5 26 13	20 <sup>32</sup> 21	11 <sup>22</sup> 22	26 <sup>22</sup> 22	14 <sup>57</sup> 57	9 <sup>27</sup> 27	2 <sup>34</sup> 34	19 <sup>29</sup> 29	7 <sup>8</sup> 8	6 <sup>3</sup> 3	26 <sup>49</sup> 49	9 <sup>38</sup> 38	10 <sup>48</sup> 48	14 <sup>3</sup> 3	3 <sup>16</sup> 16	M13
T 14	5 30 9	21 <sup>33</sup> 10	23 <sup>16</sup> 16	27 <sup>55</sup> 55	16 <sup>10</sup> 10	9 <sup>59</sup> 59	2 <sup>46</sup> 46	19 <sup>31</sup> 31	7 <sup>6</sup> 6	6 <sup>5</sup> 5	26 <sup>48</sup> 48	9 <sup>33</sup> 33	10 <sup>44</sup> 44	14 <sup>9</sup> 9	3 <sup>14</sup> 14	T 14
W15	5 34 6	22 <sup>33</sup> 59	5 <sup>8</sup> 8	29 <sup>29</sup> 29	17 <sup>24</sup> 24	10 <sup>31</sup> 31	2 <sup>58</sup> 58	19 <sup>34</sup> 34	7 <sup>3</sup> 3	6 <sup>6</sup> 6	26 <sup>47</sup> 47	9 <sup>27</sup> 27	10 <sup>41</sup> 41	14 <sup>16</sup> 16	3 <sup>13</sup> 13	W15
T 16	5 38 2	23 <sup>34</sup> 50	17 <sup>0</sup> 0	1 <sup>3</sup> 3	18 <sup>37</sup> 37	11 <sup>3</sup> 3	3 <sup>11</sup> 11	19 <sup>36</sup> 36	7 <sup>1</sup> 1	6 <sup>8</sup> 8	26 <sup>46</sup> 46	9 <sup>19</sup> 19	10 <sup>38</sup> 38	14 <sup>23</sup> 23	3 <sup>11</sup> 11	T 16
F 17	5 41 59	24 <sup>35</sup> 41	28 <sup>55</sup> 55	2 <sup>36</sup> 36	19 <sup>50</sup> 50	11 <sup>35</sup> 35	3 <sup>23</sup> 23	19 <sup>38</sup> 38	6 <sup>59</sup> 59	6 <sup>10</sup> 10	26 <sup>45</sup> 45	9 <sup>10</sup> 10	10 <sup>35</sup> 35	14 <sup>29</sup> 29	3 <sup>10</sup> 10	F 17
S 18	5 45 55	25 <sup>36</sup> 33	10 <sup>11</sup> 11	4 <sup>10</sup> 10	21 <sup>4</sup> 4	12 <sup>6</sup> 6	3 <sup>36</sup> 36	19 <sup>41</sup> 41	6 <sup>56</sup> 56	6 <sup>11</sup> 11	26 <sup>44</sup> 44	9 <sup>1</sup> 1	10 <sup>32</sup> 32	14 <sup>36</sup> 36	3 <sup>8</sup> 8	S 18
S 19	5 49 52	26 <sup>37</sup> 27	23 <sup>4</sup> 4	5 <sup>43</sup> 43	22 <sup>17</sup> 17	12 <sup>38</sup> 38	3 <sup>48</sup> 48	19 <sup>44</sup> 44	6 <sup>54</sup> 54	6 <sup>13</sup> 13	26 <sup>43</sup> 43	8 <sup>53</sup> 53	10 <sup>28</sup> 28	14 <sup>43</sup> 43	3 <sup>7</sup> 7	S 19
M20	5 53 48	27 <sup>38</sup> 21	5 <sup>20</sup> 20	7 <sup>17</sup> 17	23 <sup>31</sup> 31	13 <sup>9</sup> 9	4 <sup>1</sup> 1	19 <sup>46</sup> 46	6 <sup>52</sup> 52	6 <sup>14</sup> 14	26 <sup>42</sup> 42	8 <sup>47</sup> 47	10 <sup>25</sup> 25	14 <sup>50</sup> 50	3 <sup>5</sup> 5	M20
T 21	5 57 45	28 <sup>39</sup> 16	17 <sup>46</sup> 46	8 <sup>50</sup> 50	24 <sup>44</sup> 44	13 <sup>40</sup> 40	4 <sup>14</sup> 14	19 <sup>49</sup> 49	6 <sup>49</sup> 49	6 <sup>16</sup> 16	26 <sup>42</sup> 42	8 <sup>42</sup> 42	10 <sup>22</sup> 22	14 <sup>56</sup> 56	3 <sup>4</sup> 4	T 21
W22	6 1 42	29 <sup>40</sup> 12	0 <sup>21</sup> 21	10 <sup>24</sup> 24	25 <sup>58</sup> 58	14 <sup>12</sup> 12	4 <sup>27</sup> 27	19 <sup>52</sup> 52	6 <sup>47</sup> 47	6 <sup>17</sup> 17	26 <sup>41</sup> 41	8 <sup>40</sup> 40	10 <sup>19</sup> 19	15 <sup>3</sup> 3	3 <sup>3</sup> 3	W22
T 23	6 5 38	0 <sup>34</sup> 10'9	13 <sup>7</sup> 7	11 <sup>57</sup> 57	27 <sup>12</sup> 12	14 <sup>43</sup> 43	4 <sup>39</sup> 39	19 <sup>55</sup> 55	6 <sup>45</sup> 45	6 <sup>19</sup> 19	26 <sup>40</sup> 40	8 <sup>40</sup> 40	10 <sup>16</sup> 16	15 <sup>10</sup> 10	3 <sup>2</sup> 2	T 23
F 24	6 9 35	1 <sup>42</sup> 07	26 <sup>6</sup> 6	13 <sup>30</sup> 30	28 <sup>26</sup> 26	15 <sup>14</sup> 14	4 <sup>52</sup> 52	19 <sup>58</sup> 58	6 <sup>43</sup> 43	6 <sup>20</sup> 20	26 <sup>39</sup> 39	8 <sup>41</sup> 41	10 <sup>13</sup> 13	15 <sup>17</sup> 17	3 <sup>1</sup> 1	F 24
S 25	6 13 31	2 <sup>43</sup> 06	9 <sup>19</sup> 19	15 <sup>3</sup> 3	29 <sup>39</sup> 39	15 <sup>44</sup> 44	5 <sup>5</sup> 5	20 <sup>1</sup> 1	6 <sup>40</sup> 40	6 <sup>22</sup> 22	26 <sup>38</sup> 38	8 <sup>43</sup> 43	10 <sup>9</sup> 9	15 <sup>23</sup> 23	2 <sup>59</sup> 59	S 25
S 26	6 17 28	3 <sup>44</sup> 06	22 <sup>48</sup> 48	16 <sup>36</sup> 36	0 <sup>53</sup> 53	16 <sup>15</sup> 15	5 <sup>18</sup> 18	20 <sup>5</sup> 5	6 <sup>38</sup> 38	6 <sup>23</sup> 23	26 <sup>37</sup> 37	8 <sup>44</sup> 44	10 <sup>6</sup> 6	15 <sup>30</sup> 30	2 <sup>58</sup> 58	S 26
M27	6 21 24	4 <sup>45</sup> 07	6 <sup>35</sup> 35	18 <sup>9</sup> 9	2 <sup>7</sup> 7	16 <sup>45</sup> 45	5 <sup>31</sup> 31	20 <sup>8</sup> 8	6 <sup>36</sup> 36	6 <sup>25</sup> 25	26 <sup>36</sup> 36	8 <sup>45</sup> 45	10 <sup>3</sup> 3	15 <sup>37</sup> 37	2 <sup>57</sup> 57	M27
T 28	6 25 21	5 <sup>46</sup> 09	20 <sup>40</sup> 40	19 <sup>42</sup> 42	3 <sup>21</sup> 21	17 <sup>16</sup> 16	5 <sup>45</sup> 45	20 <sup>12</sup> 12	6 <sup>34</sup> 34	6 <sup>26</sup> 26	26 <sup>35</sup> 35	8 <sup>44</sup> 44	10 <sup>0</sup> 0	15 <sup>43</sup> 43	2 <sup>56</sup> 56	T 28
W29	6 29 17	6 <sup>47</sup> 12	5 <sup>11</sup> 11	21 <sup>14</sup> 14	4 <sup>35</sup> 35	17 <sup>46</sup> 46	5 <sup>58</sup> 58	20 <sup>15</sup> 15	6 <sup>32</sup> 32	6 <sup>27</sup> 27	26 <sup>35</sup> 35	8 <sup>41</sup> 41	9 <sup>57</sup> 57	15 <sup>50</sup> 50	2 <sup>56</sup> 56	W29
T 30	6 33 14	7 <sup>48</sup> 16	19 <sup>38</sup> 38	22 <sup>46</sup> 46	5 <sup>49</sup> 49	18 <sup>16</sup> 16	6 <sup>11</sup> 11	20 <sup>19</sup> 19	6 <sup>30</sup> 30	6 <sup>29</sup> 29	26 <sup>34</sup> 34	8 <sup>37</sup> 37	9 <sup>54</sup> 54	15 <sup>57</sup> 57	2 <sup>55</sup> 55	T 30
F 31	6 37 11	8 <sup>49</sup> 21	4 <sup>23</sup> 23	24 <sup>17</sup> 17	7 <sup>3</sup> 3	18 <sup>46</sup> 46	6 <sup>24</sup> 24	20 <sup>22</sup> 22	6 <sup>28</sup> 28	6 <sup>30</sup> 30	26 <sup>33</sup> 33	8 <sup>43</sup> 43	9 <sup>50</sup> 50	16 <sup>4</sup> 4	2 <sup>54</sup> 54	F 31

Day	☉	☾		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	21s38	5s14	4n54	21s53	0s23	9s43	1n59	0n25	1n41	20s27	0s26	6s11	2s 5	21n22	0s 8	11s51	1n37	4n24	15s25	17n34	17n18	10n41	12n 1	0s43			
T 2	21 47	10 5	5 4	22 14	0 30	10 7	1 59	0 12	1 42	20 25	0 26	6 11	2 5	21 22	0 8	11 51	1 37	4 24	15 24	17 37	17 18	10 43	12 1	0 43			
F 3	21 56	14 21	4 53	22 34	0 36	10 32	2 0	0s 1	1 42	20 23	0 26	6 10	2 5	21 22	0 8	11 52	1 37	4 24	15 24	17 39	17 19	10 45	12 0	0 43			
S 4	22 5	17 40	4 22	22 54	0 43	10 56	2 0	0 14	1 43	20 20	0 26	6 10	2 5	21 21	0 8	11 52	1 37	4 24	15 24	17 42	17 20	10 47	11 59	0 43			
S 5	22 13	19 45	3 32	23 12	0 49	11 20	2 0	0 26	1 43	20 18	0 26	6 9	2 5	21 21	0 8	11 53	1 37	4 24	15 24	17 44	17 21	10 49	11 58	0 43			
M 6	22 20	20 28	2 30	23 29	0 55	11 43	2 1	0 39	1 44	20 15	0 26	6 8	2 5	21 20	0 8	11 54	1 37	4 23	15 24	17 45	17 22	10 51	11 58	0 43			
T 7	22 27	19 49	1 19	23 44	1 1	12 7	2 1	0 52	1 44	20 13	0 26	6 8	2 4	21 20	0 8	11 54	1 37	4 23	15 24	17 46	17 23	10 53	11 57	0 43			
W 8	22 34	17 59	0 6	23 59	1 7	12 30	2 1	1 4	1 44	20 10	0 26	6 7	2 4	21 20	0 8	11 55	1 37	4 23	15 24	17 46	17 24	10 55	11 56	0 43			
T 9	22 40	15 14	1s 5	24 12	1 13	12 53	2 0	1 17	1 45	20 8	0 26	6 6	2 4	21 19	0 8	11 55	1 37	4 23	15 24	17 46	17 25	10 57	11 56	0 43			
F 10	22 46	11 48	2 10	24 24	1 18	13 16	2 0	1 29	1 45	20 5	0 26	6 5	2 4	21 19	0 8	11 56	1 37	4 23	15 24	17 46	17 25	10 59	11 55	0 43			
S 11	22 52	7 57	3 7	24 34	1 23	13 38	2 0	1 41	1 46	20 2	0 26	6 4	2 4	21 19	0 8	11 56	1 37	4 23	15 23	17 46	17 26	11 1	11 54	0 43			
S 12	22 57	3 51	3 55	24 44	1 29	14 0	1 59	1 54	1 46	20 0	0 27	6 3	2 4	21 18	0 8	11 57	1 37	4 23	15 23	17 46	17 27	11 3	11 54	0 43			
M13	23 1	0n19	4 31	24 52	1 34	14 22	1 59	2 6	1 47	19 57	0 27	6 2	2 3	21 18	0 8	11 57	1 38	4 23	15 23	17 47	17 28	11 5	11 53	0 43			
T 14	23 5	4 26	4 55	24 59	1 38	14 44	1 58	2 18	1 47	19 54	0 27	6 1	2 3	21 17	0 8	11 58	1 38	4 23	15 23	17 48	17 29	11 7	11 52	0 43			
W15	23 9	8 22	5 7	25 4	1 43	15 5	1 58	2 30	1 47	19 52	0 27	6 0	2 3	21 17	0 8	11 58	1 38	4 23	15 23	17 50	17 30	11 9	11 52	0 43			
T 16	23 12	11 59	5 5	25 8	1 47	15 26	1 57	2 42	1 48	19 49	0 27	5 59	2 3	21 17	0 8	11 59	1 38	4 23	15 23	17 52	17 31	11 11	11 51	0 43			
F 17	23 15	15 8	4 50	25 11	1 51	15 46	1 56	2 54	1 48	19 46	0 27	5 58	2 3	21 16	0 8	11 59	1 38	4 23	15 22	17 54	17 31	11 13	11 51	0 43			
S 18	23 17	17 41	4 22	25 12	1 55	16 7	1 55	3 6	1 49	19 43	0 27	5 57	2 3	21 16	0 8	12 0	1 38	4 23	15 22	17 57	17 32	11 15	11 50	0 43			
S 19	23 19	19 29	3 42	25 12	1 58	16 26	1 54	3 18	1 49	19 40	0 27	5 56	2 2	21 15	0 8	12 0	1 38	4 23	15 22	17 59	17 33	11 17	11 50	0 43			
M20	23 20	20 24	2 51	25 11	2 2	16 46	1 53	3 29	1 50	19 37	0 27	5 55	2 2	21 15	0 8	12 1	1 38	4 23	15 22	18 0	17 34	11 19	11 49	0 44			
T 21	23 21	20 21	1 51	25 8	2 5	17 5	1 52	3 41	1 50	19 34	0 27	5 53	2 2	21 15	0 8	12 1	1 38	4 23	15 22	18 1	17 35	11 21	11 49	0 44			
W22	23 21	19 16	0 45	25 4	2 7	17 23	1 51	3 53	1 51	19 31	0 27	5 52	2 2	21 14	0 8	12 2	1 38	4 23	15 22	18 2	17 36	11 23	11 48	0 44			
T 23	23 21	17 13	0n24	24 58	2 10	17 42	1 49	4 4	1 51	19 28	0 27	5 51	2 2	21 14	0 8	12 2	1 38	4 23	15 21	18 2	17 37	11 25	11 48	0 44			
F 24	23 21	14 15	1 34	24 51	2 11	17 59	1 48	4 16	1 51	19 25	0 27	5 49	2 2	21 14	0 8	12 3	1 38	4 23	15 21	18 2	17 37	11 27	11 47	0 44			
S 25	23 20	10 31	2 39	24 43	2 13	18 16	1 46	4 27	1 52	19 22	0 27	5 48	2 1	21 13	0 8	12 3	1 38	4 23	15 21	18 1	17 38	11 29	11 47	0 44			
S 26	23 18	6 11	3 38	24 33	2 14	18 33	1 45	4 38	1 52	19 19	0 27	5 47	2 1	21 13	0 8	12 3	1 38	4 23	15 21	18 1	17 39	11 31	11 47	0 44			
M27	23 16	1 27	4 25	24 21	2 15	18 50	1 43	4 50	1 53	19 16	0 27	5 45	2 1	21 13	0 8	12 4	1 38	4 23	15 20	18 1	17 40	11 33	11 46	0 44			
T 28	23 14	3s27	4 57	24 9	2 15	19 5	1 42	5 1	1 53	19 13	0 27	5 44	2 1	21 12	0 8	12 4	1 38	4 23	15 20	18 1	17 41	11 35	11 46	0 44			
W29	23 11	8 15	5 12	23 54	2 15	19 21	1 40	5 12	1 54	19 10	0 27	5 42	2 1	21 12	0 8	12 5	1 38	4 23	15 20	18 2	17 42	11 37	11 45	0 44			
T 30	23 8	12 39	5 7	23 39	2 14	19 35	1 38	5 23	1 54	19 6	0 27	5 41	2 1	21 12	0 8	12 5	1 38	4 23	15 20	18 3	17 43	11 39	11 45	0 44			
F 31	23s 4	16s20	4n41	23s22	2s13	19s50	1n36	5s34	1n55	19s 3	0s27	5s39	2s 0	21n11	0s 8	12s 5	1n38	4n23	15s20	18n 4	17n43	11n41	11n45	0s44			

## ASTRODIENST EPHEMERIS for the year 2614

JANUARY 2614

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 41 7	9°30'26	19°10	25°348	8°17	19°16	6°38	20°26	6°R26	6°M31	26°R32	8°R28	9°47	16°10	2°R53	S 1
S 2	6 45 4	10°51'32	3°351	27°18	9°32	19°45	6°51	20°30	6°II24	6°32	26°R31	8°R25	9°44	16°17	2°R53	S 2
M 3	6 49 0	11°52'39	18°19	28°46	10°46	20°14	7° 4	20°34	6°22	6°33	26°31	8°22	9°41	16°24	2°52	M 3
T 4	6 52 57	12°53'46	2°28	0°14	12° 0	20°44	7°18	20°38	6°20	6°35	26°30	8°D21	9°38	16°30	2°51	T 4
W 5	6 56 53	13°54'54	16°14	1°40	13°14	21°13	7°32	20°43	6°18	6°36	26°29	8°21	9°34	16°37	2°51	W 5
T 6	7 0 50	14°56'01	29°35	3° 4	14°28	21°42	7°45	20°47	6°16	6°37	26°28	8°22	9°31	16°44	2°50	T 6
F 7	7 4 47	15°57'09	12°32	4°26	15°43	22°10	7°59	20°51	6°15	6°38	26°28	8°24	9°28	16°51	2°50	F 7
S 8	7 8 43	16°58'16	25° 8	5°46	16°57	22°39	8°12	20°56	6°13	6°39	26°27	8°25	9°25	16°57	2°50	S 8
S 9	7 12 40	17°59'23	7°26	7° 3	18°11	23° 7	8°26	21° 0	6°11	6°40	26°26	8°26	9°22	17° 4	2°49	S 9
M10	7 16 36	19° 0'31	19°31	8°16	19°26	23°35	8°40	21° 5	6°10	6°41	26°26	8°R27	9°19	17°11	2°49	M10
T 11	7 20 33	20° 1'38	1°27	9°25	20°40	24° 3	8°54	21° 9	6° 8	6°42	26°25	8°26	9°15	17°18	2°49	T 11
W12	7 24 29	21° 2'45	13°19	10°29	21°55	24°31	9° 7	21°14	6° 6	6°43	26°25	8°25	9°12	17°24	2°49	W12
T 13	7 28 26	22° 3'53	25°11	11°28	23° 9	24°58	9°21	21°19	6° 5	6°44	26°24	8°23	9° 9	17°31	2°49	T 13
F 14	7 32 22	23° 4'59	7°II 9	12°21	24°24	25°26	9°35	21°24	6° 3	6°44	26°23	8°20	9° 6	17°38	2°49	F 14
S 15	7 36 19	24° 6'06	19°14	13° 6	25°38	25°53	9°49	21°29	6° 2	6°45	26°23	8°18	9° 3	17°44	2°49	S 15
S 16	7 40 16	25° 7'13	1°30	13°44	26°52	26°20	10° 3	21°34	6° 1	6°46	26°22	8°16	9° 0	17°51	2°49	S 16
M17	7 44 12	26° 8'19	13°59	14°12	28° 7	26°46	10°17	21°39	5°59	6°47	26°22	8°14	8°56	17°58	2°49	M17
T 18	7 48 9	27° 9'26	26°41	14°31	29°22	27°13	10°31	21°44	5°58	6°47	26°21	8°14	8°53	18° 5	2°49	T 18
W19	7 52 5	28°10'32	9°R36	14°R39	0°36	27°39	10°45	21°49	5°57	6°48	26°21	8°D13	8°50	18°11	2°50	W19
T 20	7 56 2	29°11'38	22°46	14°35	1°51	28° 5	10°59	21°55	5°55	6°49	26°21	8°14	8°47	18°18	2°50	T 20
F 21	7 59 58	0°12'44	6°II 8	14°20	3° 5	28°31	11°13	22° 0	5°54	6°49	26°20	8°14	8°44	18°25	2°51	F 21
S 22	8 3 55	1°13'49	19°43	13°54	4°20	28°57	11°27	22° 6	5°53	6°50	26°20	8°15	8°40	18°31	2°51	S 22
S 23	8 7 51	2°14'55	3°12	13°15	5°35	29°22	11°41	22°11	5°52	6°51	26°19	8°16	8°37	18°38	2°52	S 23
M24	8 11 48	3°16'01	17°24	12°26	6°49	29°47	11°55	22°17	5°51	6°51	26°19	8°16	8°34	18°45	2°52	M24
T 25	8 15 45	4°17'06	1°12	11°27	8° 4	0°12	12° 9	22°22	5°50	6°51	26°19	8°R16	8°31	18°52	2°53	T 25
W26	8 19 41	5°18'12	15°40	10°20	9°19	0°36	12°23	22°28	5°49	6°52	26°18	8°16	8°28	18°58	2°53	W26
T 27	8 23 38	6°19'17	29°56	9° 7	10°33	1° 1	12°38	22°34	5°48	6°52	26°18	8°16	8°25	19° 5	2°54	T 27
F 28	8 27 34	7°20'23	14°14	7°50	11°48	1°25	12°52	22°40	5°47	6°53	26°18	8°16	8°21	19°12	2°55	F 28
S 29	8 31 31	8°21'28	28°31	6°31	13° 3	1°48	13° 6	22°46	5°46	6°53	26°17	8°D16	8°18	19°19	2°56	S 29
S 30	8 35 27	9°22'33	12°343	5°14	14°17	2°12	13°20	22°52	5°46	6°53	26°17	8°16	8°15	19°25	2°57	S 30
M31	8 39 24	10°23'37	26°345	4°40	15°32	2°135	13°34	22°58	5°II45	6°M54	26°17	8°R16	8°R12	19°32	2°58	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	23s 0	18s58	3n57	23s 4	2s11	20s 4	1n34	5s44	1n55	19s 0	0s27	5s37	2s 0	21n11	0s 8	12s 6
S 2	22 55	20 20	2 58	22 44	2 9	20 17	1 33	5 55	1 55	18 56	0 28	5 36	2 0	21 11	0 8	12 6
M 3	22 50	20 20	1 48	22 23	2 6	20 29	1 31	6 6	1 56	18 53	0 28	5 34	2 0	21 10	0 8	12 6
T 4	22 44	19 1	0 32	22 1	2 2	20 41	1 28	6 16	1 56	18 50	0 28	5 32	2 0	21 10	0 8	12 7
W 5	22 38	16 36	0s43	21 38	1 57	20 53	1 26	6 27	1 57	18 46	0 28	5 30	2 0	21 10	0 8	12 7
T 6	22 31	13 22	1 54	21 14	1 52	21 4	1 24	6 37	1 57	18 43	0 28	5 29	2 0	21 9	0 8	12 7
F 7	22 25	9 34	2 57	20 48	1 46	21 14	1 22	6 47	1 58	18 40	0 28	5 27	1 59	21 9	0 8	12 8
S 8	22 17	5 27	3 50	20 22	1 39	21 24	1 20	6 57	1 58	18 36	0 28	5 25	1 59	21 9	0 8	12 8
S 9	22 9	1 12	4 31	19 56	1 32	21 33	1 17	7 7	1 59	18 33	0 28	5 23	1 59	21 8	0 8	12 8
M10	22 1	3n 0	4 58	19 28	1 23	21 41	1 15	7 17	1 59	18 29	0 28	5 21	1 59	21 8	0 8	12 9
T 11	21 52	7 2	5 13	19 1	1 13	21 49	1 13	7 27	1 59	18 26	0 28	5 19	1 59	21 8	0 8	12 9
W12	21 43	10 47	5 14	18 33	1 3	21 57	1 10	7 37	2 0	18 22	0 28	5 17	1 59	21 8	0 8	12 9
T 13	21 33	14 6	5 2	18 6	0 51	22 3	1 8	7 46	2 0	18 18	0 28	5 15	1 59	21 7	0 8	12 9
F 14	21 23	16 53	4 37	17 39	0 38	22 9	1 5	7 56	2 1	18 15	0 28	5 13	1 59	21 7	0 8	12 9
S 15	21 13	18 57	3 59	17 13	0 24	22 14	1 3	8 5	2 1	18 11	0 28	5 11	1 58	21 7	0 8	12 10
S 16	21 2	20 12	3 9	16 48	0 9	22 19	1 0	8 14	2 2	18 7	0 28	5 9	1 58	21 7	0 8	12 10
M17	20 51	20 28	2 10	16 24	0n 7	22 23	0 58	8 23	2 2	18 4	0 28	5 7	1 58	21 7	0 8	12 10
T 18	20 39	19 43	1 4	16 3	0 24	22 26	0 55	8 32	2 2	18 0	0 29	5 5	1 58	21 6	0 8	12 10
W19	20 27	17 55	0n 8	15 44	0 41	22 29	0 53	8 41	2 3	17 56	0 29	5 2	1 58	21 6	0 8	12 10
T 20	20 15	15 8	1 20	15 27	0 59	22 31	0 50	8 50	2 3	17 53	0 29	5 0	1 58	21 6	0 8	12 11
F 21	20 2	11 32	2 29	15 14	1 18	22 32	0 47	8 59	2 4	17 49	0 29	4 58	1 58	21 6	0 7	12 11
S 22	19 49	7 17	3 30	15 3	1 37	22 33	0 45	9 7	2 4	17 45	0 29	4 56	1 58	21 6	0 7	12 11
S 23	19 35	2 37	4 21	14 56	1 55	22 33	0 42	9 16	2 5	17 41	0 29	4 53	1 58	21 5	0 7	12 11
M24	19 22	2s14	4 56	14 53	2 13	22 32	0 39	9 24	2 5	17 37	0 29	4 51	1 57	21 5	0 7	12 11
T 25	19 7	7 1	5 15	14 53	2 30	22 31	0 36	9 32	2 6	17 33	0 29	4 49	1 57	21 5	0 7	12 11
W26	18 53	11 27	5 15	14 56	2 45	22 28	0 34	9 41	2 6	17 30	0 29	4 46	1 57	21 5	0 7	12 11
T 27	18 38	15 16	4 55	15 2	2 59	22 26	0 31	9 49	2 6	17 26	0 29	4 44	1 57	21 5	0 7	12 11
F 28	18 22	18 11	4 17	15 11	3 10	22 22	0 28	9 56	2 7	17 22	0 29	4 42	1 57	21 5	0 7	12 11
S 29	18 7	19 58	3 23	15 22	3 19	22 18	0 25	10 4	2 7	17 18	0 29	4 39	1 57	21 4	0 7	12 11
S 30	17 51	20 29	2 17	15 34	3 25	22 13	0 23	10 12	2 8	17 14	0 29	4 37	1 57	21 4	0 7	12 11
M31	17s35	19s42	1n 4	15s48	3n29	22s 8	0n20	10s19	2n 8	17s10	0s30	4s34	1s57	21n 4	0s 7	12s11

Julian Day Number = 2675803.5, Delta T = 21m07s

Ecliptic obliquity = 23°21'28, Nutation = - 0°00'13

Ayanamsha: Fagan/Bradley = 33°19'42, Lahiri = 32°26'42

## ASTRODIENST EPHEMERIS for the year 2614

FEBRUARY 2614

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 43 20	11°24'41	10°33'	2°R51	16°347	2°M58	13°49	23°H 4	5°R44	6°M54	26°R17	8°R16	8°R 9	19°B39	2°B59	T 1
W 2	8 47 17	12°25'44	24° 6	1°449	18° 2	3°20	14° 3	23°10	5°II44	6°54	26°R17	8°R16	8° 6	19°45	3° 0	W 2
T 3	8 51 14	13°26'46	7°H20	0°55	19°16	3°43	14°17	23°16	5°43	6°54	26°16	8°16	8° 2	19°52	3° 1	T 3
F 4	8 55 10	14°27'48	20°15	0°10	20°31	4° 4	14°31	23°22	5°43	6°54	26°16	8°15	7°59	19°59	3° 2	F 4
S 5	8 59 7	15°28'48	2°V51	29°B33	21°46	4°26	14°45	23°28	5°42	6°54	26°16	8°14	7°56	20° 6	3° 3	S 5
S 6	9 3 3	16°29'48	15°11	29° 6	23° 1	4°47	15° 0	23°35	5°42	6°54	26°16	8°13	7°53	20°12	3° 5	S 6
M 7	9 7 0	17°30'46	27°18	28°47	24°16	5° 8	15°14	23°41	5°41	6°R55	26°16	8°12	7°50	20°19	3° 6	M 7
T 8	9 10 56	18°31'43	9°B16	28°37	25°30	5°29	15°28	23°47	5°41	6°55	26°16	8°11	7°46	20°26	3° 8	T 8
W 9	9 14 53	19°32'40	21° 9	28°D35	26°45	5°49	15°42	23°54	5°41	6°54	26°D16	8°D11	7°43	20°32	3° 9	W 9
T 10	9 18 49	20°33'35	3°II 2	28°41	28° 0	6° 9	15°56	24° 0	5°41	6°54	26°16	8°11	7°40	20°39	3°10	T 10
F 11	9 22 46	21°34'28	14°59	28°54	29°15	6°28	16°11	24° 7	5°41	6°54	26°16	8°12	7°37	20°46	3°12	F 11
S 12	9 26 43	22°35'21	27° 5	29°13	0°30	6°47	16°25	24°14	5°41	6°54	26°16	8°14	7°34	20°53	3°14	S 12
S 13	9 30 39	23°36'12	9°B25	29°39	1°44	7° 6	16°39	24°20	5°D41	6°54	26°16	8°15	7°31	20°59	3°15	S 13
M14	9 34 36	24°37'03	22° 2	0°M10	2°59	7°24	16°53	24°27	5°41	6°54	26°16	8°16	7°27	21° 6	3°17	M14
T 15	9 38 32	25°37'52	4°L56	0°46	4°14	7°42	17° 7	24°34	5°41	6°53	26°16	8°R17	7°24	21°13	3°19	T 15
W16	9 42 29	26°38'39	18°11	1°27	5°29	7°59	17°21	24°40	5°41	6°53	26°17	8°17	7°21	21°19	3°21	W16
T 17	9 46 25	27°39'26	1°M45	2°12	6°44	8°16	17°35	24°47	5°41	6°53	26°17	8°15	7°18	21°26	3°22	T 17
F 18	9 50 22	28°40'11	15°35	3° 1	7°59	8°33	17°50	24°54	5°41	6°53	26°17	8°13	7°15	21°33	3°24	F 18
S 19	9 54 18	29°40'55	29°39	3°54	9°13	8°49	18° 4	25° 1	5°42	6°52	26°17	8°10	7°12	21°40	3°26	S 19
S 20	9 58 15	0°H41'38	13°L52	4°50	10°28	9° 5	18°18	25° 8	5°42	6°52	26°17	8° 7	7° 8	21°46	3°28	S 20
M21	10 2 12	1°42'20	28°10	5°48	11°43	9°20	18°32	25°15	5°42	6°51	26°18	8° 4	7° 5	21°53	3°30	M21
T 22	10 6 8	2°43'01	12°M29	6°50	12°58	9°35	18°46	25°22	5°43	6°51	26°18	8° 2	7° 2	22° 0	3°32	T 22
W23	10 10 5	3°43'41	26°44	7°54	14°13	9°49	19° 0	25°29	5°43	6°50	26°18	8° 0	6°59	22° 7	3°35	W23
T 24	10 14 1	4°44'19	10°L53	9° 0	15°28	10° 3	19°14	25°36	5°44	6°50	26°18	8°D 0	6°56	22°13	3°37	T 24
F 25	10 17 58	5°44'57	24°55	10° 9	16°42	10°16	19°28	25°43	5°44	6°49	26°19	8° 1	6°52	22°20	3°39	F 25
S 26	10 21 54	6°45'34	8°B48	11°19	17°57	10°29	19°42	25°50	5°45	6°49	26°19	8° 3	6°49	22°27	3°41	S 26
S 27	10 25 51	7°46'10	22°32	12°31	19°12	10°41	19°56	25°57	5°46	6°48	26°19	8° 4	6°46	22°33	3°44	S 27
M28	10 29 47	8°H46'44	6°L 5	13°M46	20°27	10°M53	20°M10	26°H 4	5°II47	6°M47	26°B20	8°R 5	6°L43	22°B40	3°B46	M28

Day	☉	☾	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	17s18	17s44	0s13	16s 2	3n31	22s 2	0n17	10s27	2n 9	17s 6	0s30	4s32	1s57	21n 4	0s 7	12s11	1n40	4n29
W 2	17 1 14 49	1 27	16 17	3 30	21 55	0 14	10 34	2 9	17 2	0 30	4 29	1 57	21 4	0 7	12 11	1 40	4 29	15 10
T 3	16 44 11 11	2 34	16 32	3 26	21 47	0 12	10 41	2 9	16 58	0 30	4 27	1 56	21 4	0 7	12 11	1 40	4 29	15 10
F 4	16 26 7 6	3 32	16 46	3 21	21 39	0 9	10 48	2 10	16 54	0 30	4 24	1 56	21 4	0 7	12 11	1 40	4 29	15 9
S 5	16 8 2 50	4 19	17 0	3 15	21 30	0 6	10 55	2 10	16 50	0 30	4 22	1 56	21 4	0 7	12 11	1 40	4 30	15 9
S 6	15 50 1n28	4 52	17 13	3 7	21 21	0 3	11 1	2 11	16 46	0 30	4 19	1 56	21 4	0 7	12 11	1 41	4 30	15 8
M 7	15 32 5 38	5 11	17 25	2 58	21 11	0 1	11 8	2 11	16 42	0 30	4 17	1 56	21 4	0 7	12 11	1 41	4 30	15 8
T 8	15 13 9 31	5 17	17 37	2 49	21 0	0s 2	11 14	2 11	16 38	0 30	4 14	1 56	21 4	0 7	12 11	1 41	4 31	15 8
W 9	14 54 13 1	5 9	17 48	2 38	20 49	0 5	11 20	2 12	16 33	0 30	4 12	1 56	21 4	0 7	12 11	1 41	4 31	15 8
T 10	14 35 15 59	4 48	17 57	2 27	20 37	0 7	11 26	2 12	16 29	0 30	4 9	1 56	21 4	0 7	12 11	1 41	4 31	15 7
F 11	14 16 18 19	4 14	18 5	2 16	20 24	0 10	11 32	2 13	16 25	0 30	4 6	1 56	21 4	0 7	12 11	1 41	4 32	15 7
S 12	13 56 19 51	3 29	18 13	2 5	20 11	0 13	11 38	2 13	16 21	0 31	4 4	1 56	21 4	0 7	12 11	1 41	4 32	15 6
S 13	13 36 20 29	2 33	18 19	1 53	19 57	0 15	11 44	2 13	16 17	0 31	4 1	1 56	21 4	0 7	12 11	1 41	4 32	15 6
M14	13 16 20 6	1 29	18 23	1 42	19 43	0 18	11 49	2 14	16 13	0 31	3 58	1 56	21 4	0 7	12 11	1 41	4 33	15 6
T 15	12 56 18 40	0 18	18 27	1 30	19 28	0 20	11 55	2 14	16 8	0 31	3 56	1 56	21 4	0 7	12 11	1 41	4 33	15 5
W16	12 35 16 11	0n54	18 29	1 19	19 12	0 23	12 0	2 14	16 4	0 31	3 53	1 56	21 4	0 7	12 10	1 41	4 33	15 5
T 17	12 15 12 47	2 6	18 30	1 8	18 56	0 25	12 5	2 15	16 0	0 31	3 50	1 56	21 4	0 7	12 10	1 41	4 34	15 5
F 18	11 54 8 36	3 11	18 30	0 57	18 40	0 28	12 10	2 15	15 56	0 31	3 47	1 56	21 4	0 7	12 10	1 41	4 34	15 4
S 19	11 33 3 54	4 6	18 28	0 46	18 23	0 30	12 15	2 16	15 52	0 31	3 45	1 56	21 4	0 7	12 10	1 41	4 35	15 4
S 20	11 11 1s 3	4 47	18 26	0 35	18 5	0 33	12 20	2 16	15 47	0 31	3 42	1 55	21 4	0 7	12 10	1 41	4 35	15 4
M21	10 50 5 58	5 9	18 21	0 25	17 47	0 35	12 24	2 16	15 43	0 31	3 39	1 55	21 4	0 7	12 10	1 41	4 35	15 3
T 22	10 28 10 33	5 13	18 16	0 15	17 28	0 37	12 28	2 16	15 39	0 32	3 36	1 55	21 4	0 7	12 9	1 41	4 36	15 3
W23	10 6 14 32	4 58	18 9	0 5	17 9	0 40	12 33	2 17	15 35	0 32	3 33	1 55	21 4	0 7	12 9	1 41	4 36	15 3
T 24	9 44 17 39	4 24	18 1	0s 5	16 49	0 42	12 37	2 17	15 30	0 32	3 31	1 55	21 4	0 7	12 9	1 42	4 36	15 2
F 25	9 22 19 41	3 35	17 52	0 14	16 29	0 44	12 40	2 17	15 26	0 32	3 28	1 55	21 5	0 7	12 9	1 42	4 37	15 2
S 26	9 0 20 31	2 34	17 42	0 23	16 8	0 46	12 44	2 18	15 22	0 32	3 25	1 55	21 5	0 7	12 8	1 42	4 37	15 2
S 27	8 38 20 6	1 24	17 30	0 32	15 47	0 49	12 48	2 18	15 18	0 32	3 22	1 55	21 5	0 7	12 8	1 42	4 38	15 1
M28	8s15 18s31	0n11 17s17	0s40 15s25	0s51 12s51	2n18 15s13	0s32 3s19	1s55 21n 5	0s 7 12s 8	1n42 4n38	15s 1 18n11	18n32 13n35	12n 1 0s46						

Julian Day Number = 2675834.5, Delta T = 21m08s

Ecliptic obliquity = 23°21'28, Nutation = - 0°00'12

Ayanamsha: Fagan/Bradley = 33°19'47, Lahiri = 32°26'46

# ASTRODIENST EPHEMERIS for the year 2614

MARCH 2614

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 33 44	9°47'17	19°27	15°1	21°42	11°11	20°23	26°11	5°47	6°47	26°20	8°R 5	6°40	22°47	3°48	T 1
W 2	10 37 41	10°47'49	2°37	16°19	22°57	11°15	20°37	26°18	5°48	6°46	26°21	8°R 2	6°37	22°54	3°51	W 2
T 3	10 41 37	11°48'19	15°34	17°37	24°11	11°25	20°51	26°25	5°49	6°45	26°21	7°58	6°33	23° 0	3°53	T 3
F 4	10 45 34	12°48'47	28°17	18°58	25°26	11°34	21° 5	26°33	5°50	6°44	26°22	7°53	6°30	23° 7	3°56	F 4
S 5	10 49 30	13°49'14	10°47	20°19	26°41	11°43	21°18	26°40	5°51	6°44	26°22	7°46	6°27	23°14	3°58	S 5
S 6	10 53 27	14°49'39	23° 4	21°42	27°56	11°51	21°32	26°47	5°52	6°43	26°23	7°39	6°24	23°20	4° 1	S 6
M 7	10 57 23	15°50'03	5°10	23° 6	29°11	11°59	21°46	26°54	5°53	6°42	26°23	7°33	6°21	23°27	4° 4	M 7
T 8	11 1 20	16°50'24	17° 7	24°32	0°26	12° 6	21°59	27° 2	5°55	6°41	26°24	7°27	6°17	23°34	4° 6	T 8
W 9	11 5 16	17°50'44	28°59	25°58	1°40	12°12	22°13	27° 9	5°56	6°40	26°24	7°24	6°14	23°41	4° 9	W 9
T 10	11 9 13	18°51'01	10°11	27°26	2°55	12°18	22°26	27°16	5°57	6°39	26°25	7°22	6°11	23°47	4°12	T 10
F 11	11 13 9	19°51'17	22°46	28°55	4°10	12°23	22°40	27°23	5°58	6°38	26°25	7°D21	6° 8	23°54	4°15	F 11
S 12	11 17 6	20°51'31	4°50	0°25	5°25	12°27	22°53	27°31	6° 0	6°37	26°26	7°22	6° 5	24° 1	4°17	S 12
S 13	11 21 3	21°51'43	17° 9	1°56	6°39	12°31	23° 7	27°38	6° 1	6°36	26°27	7°24	6° 2	24° 7	4°20	S 13
M14	11 24 59	22°51'52	29°46	3°28	7°54	12°34	23°20	27°45	6° 3	6°35	26°27	7°25	5°58	24°14	4°23	M14
T 15	11 28 56	23°52'00	12°45	5° 2	9° 9	12°36	23°33	27°53	6° 4	6°34	26°28	7°R25	5°55	24°21	4°26	T 15
W16	11 32 52	24°52'06	26°10	6°36	10°24	12°38	23°46	28° 0	6° 6	6°33	26°29	7°23	5°52	24°28	4°29	W16
T 17	11 36 49	25°52'09	9°19	8°12	11°38	12°39	24° 0	28° 7	6° 7	6°32	26°30	7°19	5°49	24°34	4°32	T 17
F 18	11 40 45	26°52'11	24°12	9°48	12°53	12°R39	24°13	28°15	6° 9	6°31	26°30	7°13	5°46	24°41	4°35	F 18
S 19	11 44 42	27°52'11	8°43	11°26	14° 8	12°39	24°26	28°22	6°11	6°29	26°31	7° 6	5°43	24°48	4°38	S 19
S 20	11 48 38	28°52'09	23°26	13° 5	15°23	12°37	24°39	28°29	6°13	6°28	26°32	6°58	5°39	24°54	4°41	S 20
M21	11 52 35	29°52'05	8°13	14°45	16°37	12°35	24°52	28°37	6°14	6°27	26°33	6°49	5°36	25° 1	4°44	M21
T 22	11 56 32	0°52'00	22°55	16°26	17°52	12°33	25° 5	28°44	6°16	6°26	26°33	6°43	5°33	25° 8	4°47	T 22
W23	12 0 28	1°51'53	7°27	18° 9	19° 7	12°29	25°17	28°51	6°18	6°24	26°34	6°38	5°30	25°15	4°51	W23
T 24	12 4 25	2°51'45	21°43	19°52	20°21	12°25	25°30	28°59	6°20	6°23	26°35	6°36	5°27	25°21	4°54	T 24
F 25	12 8 21	3°51'35	5°43	21°37	21°36	12°20	25°43	29° 6	6°22	6°22	26°36	6°D35	5°23	25°28	4°57	F 25
S 26	12 12 18	4°51'23	19°26	23°23	22°51	12°14	25°55	29°13	6°24	6°20	26°37	6°36	5°20	25°35	5° 0	S 26
S 27	12 16 14	5°51'10	2°53	25°10	24° 5	12° 7	26° 8	29°21	6°26	6°19	26°38	6°R36	5°17	25°41	5° 3	S 27
M28	12 20 11	6°50'55	16° 5	26°58	25°20	12° 0	26°21	29°28	6°28	6°18	26°39	6°36	5°14	25°48	5° 7	M28
T 29	12 24 7	7°50'38	29° 4	28°48	26°35	11°52	26°33	29°35	6°30	6°16	26°40	6°33	5°11	25°55	5°10	T 29
W30	12 28 4	8°50'19	11°52	0°38	27°49	11°43	26°45	29°43	6°33	6°15	26°41	6°28	5° 8	26° 2	5°13	W30
T 31	12 32 1	9°49'59	24°29	2°30	29°4	11°13	26°58	29°50	6°35	6°14	26°42	6°D21	5° 4	26° 8	5°17	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	7s52	15s55	1 s 2	17s 3	0s48	15s 3	0s53	12s54	2n18	15s 9	0s32	3s17	1s55	21n 5	0s 7	T 1
W 2	7 30	12 32	2 10	16 47	0 56	14 41	0 55	12 57	2 19	15 5	0 32	3 14	1 55	21 5	0 7	W 2
T 3	7 7	8 36	3 10	16 30	1 3	14 18	0 57	13 0	2 19	15 1	0 32	3 11	1 55	21 5	0 7	T 3
F 4	6 44	4 21	4 0	16 12	1 10	13 55	0 58	13 3	2 19	14 56	0 33	3 8	1 55	21 6	0 7	F 4
S 5	6 21	0n 0	4 37	15 53	1 17	13 31	1 0	13 5	2 19	14 52	0 33	3 5	1 55	21 6	0 7	S 5
S 6	5 57	4 17	5 0	15 32	1 23	13 7	1 2	13 8	2 19	14 48	0 33	3 2	1 55	21 6	0 7	S 6
M 7	5 34	8 20	5 10	15 11	1 29	12 43	1 4	13 10	2 19	14 44	0 33	2 59	1 55	21 6	0 7	M 7
T 8	5 11	12 0	5 6	14 48	1 35	12 18	1 5	13 12	2 20	14 39	0 33	2 57	1 55	21 7	0 7	T 8
W 9	4 47	15 10	4 49	14 23	1 40	11 53	1 7	13 14	2 20	14 35	0 33	2 54	1 55	21 7	0 7	W 9
T 10	4 24	17 43	4 19	13 58	1 45	11 28	1 9	13 15	2 20	14 31	0 33	2 51	1 55	21 7	0 7	T 10
F 11	4 0	19 32	3 38	13 32	1 50	11 2	1 10	13 17	2 20	14 26	0 33	2 48	1 55	21 7	0 7	F 11
S 12	3 37	20 29	2 47	13 4	1 54	10 36	1 12	13 18	2 20	14 22	0 34	2 45	1 55	21 7	0 7	S 12
S 13	3 13	20 29	1 48	12 35	1 58	10 10	1 13	13 19	2 20	14 18	0 34	2 42	1 55	21 8	0 7	S 13
M14	2 49	19 28	0 41	12 5	2 1	9 44	1 14	13 20	2 20	14 14	0 34	2 39	1 55	21 8	0 7	M14
T 15	2 26	17 23	0n29	11 34	2 4	9 17	1 16	13 21	2 20	14 9	0 34	2 36	1 55	21 8	0 7	T 15
W16	2 2	14 19	1 39	11 1	2 7	8 50	1 17	13 21	2 20	14 5	0 34	2 33	1 55	21 9	0 7	W16
T 17	1 38	10 22	2 46	10 28	2 9	8 23	1 18	13 22	2 20	14 1	0 34	2 31	1 55	21 9	0 7	T 17
F 18	1 14	5 44	3 45	9 53	2 11	7 55	1 19	13 22	2 20	13 57	0 34	2 28	1 55	21 9	0 7	F 18
S 19	0 51	0 41	4 30	9 18	2 13	7 27	1 20	13 22	2 19	13 53	0 34	2 25	1 55	21 9	0 7	S 19
S 20	0 27	4s28	4 58	8 41	2 14	6 59	1 21	13 22	2 19	13 48	0 35	2 22	1 55	21 10	0 7	S 20
M21	0 3	9 22	5 6	8 3	2 14	6 31	1 22	13 21	2 19	13 44	0 35	2 19	1 55	21 10	0 7	M21
T 22	0n21	13 42	4 54	7 24	2 14	6 3	1 23	13 21	2 19	13 40	0 35	2 16	1 56	21 10	0 7	T 22
W23	0 44	17 9	4 23	6 44	2 14	5 35	1 24	13 20	2 18	13 36	0 35	2 13	1 56	21 11	0 7	W23
T 24	1 8	19 30	3 36	6 3	2 13	5 6	1 24	13 19	2 18	13 32	0 35	2 10	1 56	21 11	0 7	T 24
F 25	1 32	20 37	2 38	5 20	2 12	4 37	1 25	13 18	2 18	13 28	0 35	2 8	1 56	21 11	0 7	F 25
S 26	1 55	20 28	1 31	4 37	2 11	4 8	1 25	13 17	2 17	13 23	0 35	2 5	1 56	21 12	0 7	S 26
S 27	2 19	19 8	0 20	3 53	2 9	3 39	1 26	13 15	2 17	13 19	0 36	2 2	1 56	21 12	0 7	S 27
M28	2 43	16 46	0s50	3 8	2 6	3 10	1 26	13 13	2 16	13 15	0 36	1 59	1 56	21 13	0 7	M28
T 29	3 6	13 35	1 57	2 21	2 3	2 41	1 27	13 11	2 16	13 11	0 36	1 56	1 56	21 13	0 6	T 29
W30	3 30	9 48	2 56	1 34	1 59	2 12	1 27	13 9	2 15	13 7	0 36	1 53	1 56	21 13	0 6	W30
T 31	3n53	5s39	3s46	0s46	1s55	1s42	1s27	13s 7	2n15	13s 3	0s36	1s51	1s56	21n14	0s 6	T 31

Julian Day Number = 2675862.5, Delta T = 21m08s  
 Ecliptic obliquity = 23°21'29", Nutation = - 0°00'13  
 Ayanamsha: Fagan/Bradley = 33°19'50", Lahiri = 32°26'50

# ASTRODIENST EPHEMERIS for the year 2614

APRIL 2614

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 35 57	10°49'36	6°57	4°24	0°19	11°23	27°10	29°57	6°37	6°12	26°43	6°10	5°1	26°15	5°20	F 1
S 2	12 39 54	11°49'12	19°14	6°18	1°33	11°11	27°22	0°4	6°39	6°11	26°44	5°58	4°58	26°22	5°24	S 2
S 3	12 43 50	12°48'46	18°23	8°14	2°48	10°59	27°34	0°12	6°42	6°9	26°45	5°46	4°55	26°28	5°27	S 3
M 4	12 47 47	13°48'17	13°24	10°11	4°2	10°47	27°46	0°19	6°44	6°8	26°46	5°33	4°52	26°35	5°30	M 4
T 5	12 51 43	14°47'47	25°19	12°9	5°17	10°33	27°58	0°26	6°46	6°6	26°47	5°22	4°48	26°42	5°34	T 5
W 6	12 55 40	15°47'14	7°11	14°8	6°31	10°19	28°10	0°33	6°49	6°5	26°48	5°13	4°45	26°49	5°37	W 6
T 7	12 59 36	16°46'39	18°59	16°8	7°46	10°4	28°21	0°40	6°51	6°3	26°49	5°7	4°42	26°55	5°41	T 7
F 8	13 3 33	17°46'02	0°53	18°9	9°1	9°48	28°33	0°48	6°54	6°2	26°50	5°4	4°39	27°2	5°44	F 8
S 9	13 7 29	18°45'22	12°54	20°11	10°15	9°32	28°45	0°55	6°56	6°0	26°51	5°3	4°36	27°9	5°48	S 9
S 10	13 11 26	19°44'41	25°9	22°14	11°30	9°15	28°56	1°2	6°59	5°59	26°52	5°D 3	4°33	27°15	5°51	S 10
M11	13 15 23	20°43'57	7°42	24°17	12°44	8°58	29°8	1°9	7°2	5°57	26°53	5°R 3	4°29	27°22	5°55	M11
T 12	13 19 19	21°43'10	20°39	26°20	13°58	8°40	29°19	1°16	7°4	5°55	26°54	5°2	4°26	27°29	5°58	T 12
W13	13 23 16	22°42'22	4°11	28°24	15°13	8°21	29°30	1°23	7°7	5°54	26°55	4°59	4°23	27°36	6°2	W13
T 14	13 27 12	23°41'31	17°57	0°28	16°27	8°2	29°41	1°30	7°10	5°52	26°57	4°54	4°20	27°42	6°6	T 14
F 15	13 31 9	24°40'38	2°18	2°31	17°42	7°42	29°52	1°37	7°13	5°51	26°58	4°46	4°17	27°49	6°9	F 15
S 16	13 35 5	25°39'42	17°4	4°34	18°56	7°22	0°3	1°44	7°15	5°49	26°59	4°36	4°14	27°56	6°13	S 16
S 17	13 39 2	26°38'45	2°11	6°35	20°11	7°1	0°14	1°51	7°18	5°47	27°0	4°24	4°10	28°2	6°16	S 17
M18	13 42 58	27°37'46	17°17	8°36	21°25	6°40	0°25	1°58	7°21	5°46	27°1	4°13	4°7	28°9	6°20	M18
T 19	13 46 55	28°36'45	2°13	10°35	22°39	6°19	0°35	2°5	7°24	5°44	27°2	4°4	4°4	28°16	6°24	T 19
W20	13 50 52	29°35'42	17°15	12°31	23°54	5°57	0°46	2°11	7°27	5°43	27°4	3°57	4°1	28°22	6°27	W20
T 21	13 54 48	0°34'37	1°34	14°25	25°8	5°35	0°56	2°18	7°30	5°41	27°5	3°52	3°58	28°29	6°31	T 21
F 22	13 58 45	1°33'31	15°58	16°17	26°22	5°13	1°7	2°25	7°33	5°39	27°6	3°50	3°54	28°36	6°34	F 22
S 23	14 2 41	2°32'23	29°43	18°5	27°37	4°50	1°17	2°32	7°36	5°38	27°7	3°50	3°51	28°43	6°38	S 23
S 24	14 6 38	3°31'14	13°6	19°50	28°51	4°28	1°27	2°38	7°39	5°36	27°9	3°50	3°48	28°49	6°42	S 24
M25	14 10 34	4°30'02	26°9	21°32	0°5	4°5	1°37	2°45	7°42	5°34	27°10	3°49	3°45	28°56	6°45	M25
T 26	14 14 31	5°28'49	8°56	23°9	1°20	3°42	1°47	2°52	7°45	5°33	27°11	3°46	3°42	29°3	6°49	T 26
W27	14 18 27	6°27'34	21°28	24°42	2°34	3°19	1°56	2°58	7°48	5°31	27°12	3°40	3°39	29°9	6°53	W27
T 28	14 22 24	7°26'18	3°50	26°11	3°48	2°56	2°6	3°5	7°51	5°29	27°14	3°31	3°35	29°16	6°56	T 28
F 29	14 26 21	8°24'59	16°4	27°35	5°2	2°33	2°16	3°11	7°54	5°28	27°15	3°20	3°32	29°23	7°0	F 29
S 30	14 30 17	9°23'39	28°10	28°54	6°17	2°10	2°15	3°18	7°57	5°26	27°16	3°19	3°29	29°30	7°4	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
F 1	4n16	1s18	4s24	0n 3	1s51	1s13	1s28	13s 4	2n14	12s59	0s36	1s48	1s56	21n14	0s 6	11s55	1n43	4n52	14s52	18n40	18n57	14n35	12n31	0s47				
S 2	4 39	3n 2	4 49	0 53	1 46	0 44	1 28	13 1	2 13	12 55	0 36	1 45	1 56	21 14	0 6	11 55	1 43	4 52	14 52	18 43	18 58	14 37	12 32	0 47				
S 3	5 3	7 12	5 1	1 43	1 40	0 14	1 28	12 59	2 12	12 51	0 37	1 42	1 56	21 15	0 6	11 54	1 43	4 53	14 51	18 46	18 58	14 38	12 33	0 47				
M 4	5 26	11 3	4 59	2 35	1 34	0n15	1 28	12 55	2 11	12 47	0 37	1 39	1 56	21 15	0 6	11 54	1 43	4 53	14 51	18 49	18 59	14 40	12 34	0 47				
T 5	5 49	14 26	4 44	3 27	1 27	0 45	1 28	12 52	2 11	12 43	0 37	1 37	1 56	21 16	0 6	11 53	1 43	4 54	14 51	18 52	19 0	14 42	12 35	0 47				
W 6	6 12	17 12	4 17	4 19	1 20	1 14	1 28	12 49	2 10	12 39	0 37	1 34	1 56	21 16	0 6	11 53	1 43	4 54	14 51	18 54	19 1	14 44	12 36	0 47				
T 7	6 34	19 16	3 39	5 13	1 12	1 44	1 27	12 45	2 9	12 35	0 37	1 31	1 57	21 17	0 6	11 52	1 43	4 55	14 50	18 55	19 1	14 46	12 37	0 48				
F 8	6 57	20 31	2 51	6 6	1 4	2 13	1 27	12 41	2 7	12 31	0 37	1 28	1 57	21 17	0 6	11 52	1 43	4 55	14 50	18 56	19 2	14 48	12 38	0 48				
S 9	7 19	20 50	1 55	7 0	0 56	2 43	1 27	12 37	2 6	12 28	0 38	1 25	1 57	21 17	0 6	11 51	1 43	4 56	14 50	18 56	19 3	14 49	12 40	0 48				
S 10	7 42	20 11	0 52	7 54	0 46	3 12	1 26	12 33	2 5	12 24	0 38	1 23	1 57	21 18	0 6	11 51	1 43	4 56	14 50	18 57	19 4	14 51	12 41	0 48				
M11	8 4	18 31	0n14	8 49	0 37	3 42	1 26	12 29	2 4	12 20	0 38	1 20	1 57	21 18	0 6	11 50	1 43	4 56	14 50	18 56	19 4	14 53	12 42	0 48				
T 12	8 26	15 51	1 22	9 43	0 27	4 11	1 25	12 24	2 3	12 16	0 38	1 17	1 57	21 19	0 6	11 49	1 43	4 57	14 49	18 57	19 5	14 55	12 43	0 48				
W13	8 48	12 16	2 27	10 37	0 17	4 40	1 25	12 20	2 1	12 12	0 38	1 15	1 57	21 19	0 6	11 49	1 43	4 57	14 49	18 57	19 6	14 57	12 44	0 48				
T 14	9 10	7 55	3 26	11 30	0 6	5 9	1 24	12 15	2 0	12 9	0 38	1 12	1 57	21 20	0 6	11 48	1 43	4 58	14 49	18 59	19 7	14 58	12 45	0 48				
F 15	9 32	2 59	4 14	12 23	0n 5	5 38	1 23	12 10	1 58	12 5	0 39	1 9	1 57	21 20	0 6	11 48	1 43	4 58	14 49	19 1	19 7	15 0	12 46	0 48				
S 16	9 53	2s16	4 47	13 15	0 16	6 7	1 23	12 5	1 57	12 1	0 39	1 7	1 57	21 21	0 6	11 47	1 43	4 59	14 49	19 3	19 8	15 2	12 47	0 48				
S 17	10 15	7 28	5 0	14 6	0 27	6 36	1 22	12 0	1 55	11 58	0 39	1 4	1 58	21 21	0 6	11 47	1 43	4 59	14 48	19 6	19 9	15 4	12 49	0 48				
M18	10 36	12 15	4 53	14 56	0 38	7 4	1 21	11 55	1 53	11 54	0 39	1 1	1 58	21 22	0 6	11 46	1 43	4 59	14 48	19 8	19 10	15 6	12 50	0 48				
T 19	10 57	16 14	4 25	15 44	0 50	7 33	1 20	11 49	1 52	11 50	0 39	0 59	1 58	21 22	0 6	11 46	1 43	5 0	14 48	19 10	19 10	15 7	12 51	0 48				
W20	11 18	19 6	3 39	16 31	1 1	8 1	1 19	11 44	1 50	11 47	0 40	0 56	1 58	21 23	0 6	11 45	1 43	5 0	14 48	19 12	19 11	15 9	12 52	0 48				
T 21	11 38	20 40	2 40	17 15	1 12	8 29	1 18	11 38	1 48	11 43	0 40	0 54	1 58	21 23	0 6	11 45	1 43	5 1	14 48	19 13	19 12	15 11	12 53	0 48				
F 22	11 59	20 52	1 33	17 58	1 23	8 57	1 17	11 33	1 46	11 40	0 40	0 51	1 58	21 24	0 6	11 44	1 44	5 1	14 48	19 14	19 13	15 13	12 54	0 48				
S 23	12 19	19 47	0 22	18 39	1 33	9 25	1 16	11 27	1 44	11 36	0 40	0 48	1 58	21 24	0 6	11 43	1 44	5 1	14 47	19 14	19 13	15 15	12 55	0 48				
S 24	12 39	17 36	0s49	19 17	1 43	9 52	1 14	11 22	1 42	11 33	0 40	0 46	1 58	21 25	0 6	11 43	1 44	5 2	14 47	19 14	19 14	15 16	12 56	0 49				
M25	12 59	14 34	1 55	19 54	1 52	10 19	1 13	11 16	1 40	11 30	0 40	0 43	1 59	21 25	0 6	11 42	1 44	5 2	14 47	19 14	19 15	15 18	12 58	0 49				
T 26	13 18	10 53	2 54	20 27	2 1	10 46	1 12	11 10	1 38	11 26	0 41	0 41	1 59	21 26	0 6	11 42	1 44	5 3	14 47	19 15	19 16	15 20	12 59	0 49				
W27	13 38	6 47	3 43	20 58	2 10	11 13	1 10	11 5	1 36	11 23	0 41	0 38	1 59	21 26	0 6	11 41	1 44	5 3	14 47	19 16	19 16	15 22	13 0	0 49				
T 28	13 57	2 28	4 21	21 27	2 17	11 40	1 9	10 59	1 33	11 20	0 41	0 36	1 59	21 27	0 6	11 41	1 44	5 3	14 47	19 18	19 17	15 24	13 1	0 49				
F 29	14 16	1n53	4 46	21 53	2 24	12 6	1 7	10 53	1 31	11 17	0 41	0 34	1 59	21 27	0 6	11 40	1 44	5 4	14 47	19 21	19 18	15 25	13 2	0 49				
S 30	14n34	6n 8	4s59	22n17	2n30	12n32	1s 6	10s48	1n29	11s13	0s41	0s31	1s59	21n28	0s 6	11s40	1n44	5n 4	14s46	19n24	19n19	15n27	13n 3	0s49				



## ASTRODIENST EPHEMERIS for the year 2614

JUNE 2614

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	16 36 27	10 <sup>II</sup> 24'51	24 <sup>II</sup> 40	0°R28	15 <sup>II</sup> 45	24°R25	6 <sup>II</sup> 13	6 <sup>II</sup> 14	9 <sup>II</sup> 46	4°R38	27 <sup>II</sup> 59	29°R57	1 <sup>II</sup> 47	3 <sup>II</sup> 4	8 <sup>II</sup> 56	W 1
T 2	16 40 23	11°22'36	6 <sup>II</sup> 35	0 <sup>II</sup> 5	16°59	24 <sup>II</sup> 22	6°18	6°19	9°49	4 <sup>II</sup> 37	28°1	29 <sup>II</sup> 53	1°44	3°11	8°59	T 2
F 3	16 44 20	12°20'20	18°34	29 <sup>II</sup> 46	18°13	24°20	6°22	6°23	9°53	4°36	28°2	29°50	1°41	3°18	9°2	F 3
S 4	16 48 17	13°18'03	0 <sup>II</sup> 41	29°31	19°26	24°19	6°27	6°27	9°56	4°35	28°3	29°D49	1°38	3°24	9°5	S 4
S 5	16 52 13	14°15'44	12°59	29°19	20°40	24°D19	6°31	6°32	10°0	4°33	28°4	29°50	1°35	3°31	9°8	S 5
M 6	16 56 10	15°13'24	25°33	29°12	21°54	24°20	6°34	6°36	10°3	4°32	28°6	29°51	1°32	3°38	9°12	M 6
T 7	17 0 6	16°11'02	8 <sup>II</sup> 25	29°D10	23°8	24°21	6°38	6°40	10°7	4°31	28°7	29°52	1°28	3°44	9°15	T 7
W 8	17 4 3	17°8'38	21°40	29°12	24°21	24°23	6°42	6°44	10°10	4°30	28°8	29°R52	1°25	3°51	9°18	W 8
T 9	17 7 59	18°6'13	5 <sup>II</sup> 20	29°18	25°35	24°26	6°45	6°48	10°14	4°29	28°10	29°51	1°22	3°58	9°21	T 9
F 10	17 11 56	19°3'47	19°28	29°29	26°49	24°30	6°48	6°51	10°17	4°28	28°11	29°48	1°19	4°4	9°24	F 10
S 11	17 15 52	20°1'19	4 <sup>II</sup> 1	29°44	28°3	24°34	6°51	6°55	10°21	4°27	28°12	29°44	1°16	4°11	9°27	S 11
S 12	17 19 49	20°58'51	18°55	0 <sup>II</sup> 4	29°16	24°40	6°54	6°59	10°24	4°26	28°13	29°38	1°12	4°18	9°30	S 12
M13	17 23 46	21°56'21	4 <sup>II</sup> 4	0°28	0 <sup>II</sup> 30	24°45	6°56	7°2	10°27	4°25	28°15	29°33	1°9	4°25	9°33	M13
T 14	17 27 42	22°53'49	19°17	0°56	1°44	24°52	6°59	7°6	10°31	4°24	28°16	29°28	1°6	4°31	9°35	T 14
W15	17 31 39	23°51'17	4 <sup>II</sup> 25	1°29	2°57	24°59	7°1	7°9	10°34	4°23	28°17	29°25	1°3	4°38	9°38	W15
T 16	17 35 35	24°48'44	19°18	2°5	4°11	25°7	7°3	7°13	10°38	4°22	28°18	29°23	1°0	4°45	9°41	T 16
F 17	17 39 32	25°46'11	3 <sup>II</sup> 48	2°46	5°25	25°16	7°5	7°16	10°41	4°21	28°20	29°D22	0°57	4°51	9°44	F 17
S 18	17 43 28	26°43'36	17°53	3°31	6°38	25°25	7°7	7°19	10°45	4°20	28°21	29°23	0°53	4°58	9°47	S 18
S 19	17 47 25	27°41'01	1 <sup>II</sup> 30	4°19	7°52	25°35	7°8	7°22	10°48	4°19	28°22	29°25	0°50	5°5	9°49	S 19
M20	17 51 21	28°38'25	14°41	5°12	9°6	25°45	7°10	7°25	10°51	4°19	28°23	29°26	0°47	5°11	9°52	M20
T 21	17 55 18	29°35'49	27°28	6°7	10°19	25°56	7°11	7°28	10°55	4°18	28°25	29°R27	0°44	5°18	9°55	T 21
W22	17 59 15	0 <sup>II</sup> 33'12	9°Y57	7°7	11°33	26°8	7°12	7°30	10°58	4°17	28°26	29°26	0°41	5°25	9°57	W22
T 23	18 3 11	1°30'35	22°9	8°10	12°47	26°20	7°12	7°33	11°1	4°16	28°27	29°25	0°38	5°32	10°0	T 23
F 24	18 7 8	2°27'57	4 <sup>II</sup> 11	9°17	14°0	26°33	7°13	7°36	11°5	4°16	28°28	29°22	0°34	5°38	10°2	F 24
S 25	18 11 4	3°25'19	16°6	10°26	15°14	26°47	7°13	7°38	11°8	4°15	28°29	29°18	0°31	5°45	10°5	S 25
S 26	18 15 1	4°22'40	27°57	11°40	16°27	27°1	7°R13	7°41	11°11	4°14	28°30	29°14	0°28	5°52	10°7	S 26
M27	18 18 57	5°20'01	9 <sup>II</sup> 47	12°56	17°41	27°15	7°13	7°43	11°15	4°14	28°31	29°10	0°25	5°58	10°10	M27
T 28	18 22 54	6°17'22	21°39	14°16	18°55	27°31	7°13	7°45	11°18	4°13	28°33	29°7	0°22	6°5	10°12	T 28
W29	18 26 50	7°14'42	3 <sup>II</sup> 35	15°39	20°8	27°46	7°12	7°47	11°21	4°13	28°34	29°4	0°18	6°12	10°14	W29
T 30	18 30 47	8 <sup>II</sup> 12'01	15 <sup>II</sup> 37	17°II5	21°28	28°3	7°II12	7°Y49	11°II24	4°II12	28°Y35	29°2	0°II15	6°II18	10°Y17	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	21n56	20n18	2s58	17n37	2s38	22n37	0n2	9s16	0n10	9s57	0s49	0n33	2s5	21n45	0s6	11s24
T 2	22 4 21	10 2	2 17	19 2	2 51	22 47	0 4	9 17	0 8	9 56	0 49	0 35	2 5	21 45	0 6	11 24
F 3	22 12 21	5 1	0 17	4 3	2 22	57 0	6 9	19 0	6 9	54 0	49 0	36 2	6 21	46 0	6 11	24 1
S 4	22 19 20	1 0n	5 16	50 3	13 23	5 0	9 20	0 4	9 53	0 49	0 38	2 6	21 46	0 6	11 23	1 43
S 5	22 26 17	59 1	11 16	38 3	23 23	13 0	11 9	22 0	2 9	52 0	50 0	39 2	6 21	47 0	6 11	23 1
M 6	22 33 15	5	2 15	16	28 3	31 23	20 0	14 9	25 0	50 0	50 0	41 2	6 21	47 0	6 11	22 1
T 7	22 39 11	23 3	14 16	21 3	39 23	27 0	16 9	27 0	3 9	49 0	50 0	42 2	6 21	48 0	6 11	22 1
W 8	22 44 7	2	4 4	16	15 3	45 23	33 0	18 9	30 0	5 9	48 0	50 0	43 2	7 21	48 0	6 11
T 9	22 50 2	13 4	4 42	16	11 3	50 23	38 0	21 9	33 0	7 9	47 0	51 0	45 2	7 21	49 0	6 11
F 10	22 55 2s53	5 5	5 16	10 3	54 23	42 0	23 9	36 0	9 9	46 0	51 0	46 2	7 21	49 0	6 11	21 1
S 11	22 59 7	57 5	9 16	10 3	57 23	46 0	25 9	39 0	10 9	46 0	51 0	47 2	7 21	50 0	6 11	21 1
S 12	23 3 12	41 4	5 53	16	12 3	58 23	49 0	28 9	43 0	12 9	45 0	51 0	48 2	8 21	50 0	6 11
M13	23 7 16	42 4	16 16	17 3	59 23	51 0	30 9	47 0	14 9	44 0	52 0	50 2	8 21	51 0	6 11	20 1
T 14	23 10 19	35 3	21 16	23 3	59 23	53 0	32 9	51 0	16 9	43 0	52 0	51 2	8 21	51 0	6 11	20 1
W15	23 13 21	5 2	12 16	30 3	58 23	54 0	35 9	55 0	18 9	43 0	52 0	52 2	8 21	52 0	6 11	20 1
T 16	23 15 21	4	0 55	16	39 3	56 23	54 0	37 10	0 20	9 42	0 52	53 2	9 21	52 0	6 11	19 1
F 17	23 17 19	38 0s24	16 50	3 53	23 54	0 39	10 4	0 22	9 42	0 53	0 54	2 9	21 53	0 6	11 19	1 42
S 18	23 19 17	0 1	39 17	2 3	49 23	53 0	41 10	9 0 23	9 41	0 53	0 55	2 9	21 53	0 6	11 19	1 42
S 19	23 20 13	30 2	47 17	15 3	45 23	51 0	43 10	15 0 25	9 41	0 53	0 56	2 9	21 54	0 6	11 19	1 42
M20	23 21 9	26 3	43 17	30 3	39 23	48 0	46 10	20 0 27	9 41	0 54	0 57	2 10	21 54	0 6	11 18	1 42
T 21	23 21 5	4	4 26	17	45 3	33 23	45 0	48 10	26 0 28	9 41	0 54	0 58	2 10	21 55	0 6	11 18
W22	23 21 0	36 4	55 18	1 3	27 23	41 0	50 10	31 0 30	9 41	0 54	0 58	2 10	21 55	0 6	11 18	1 42
T 23	23 21 3n47	5 11	18 19	3 20	23 36	0 52	10 37	0 31	9 41	0 54	0 59	2 10	21 56	0 6	11 18	1 42
F 24	23 20 7	58 5	12 18	36 3	12 23	31 0	54 10	43 0 33	9 41	0 55	1 0	2 11	21 56	0 6	11 18	1 42
S 25	23 19 11	48 5	0 18	55 3	3 23	25 0	56 10	50 0 35	9 41	0 55	1 1	2 11	21 57	0 6	11 17	1 42
S 26	23 17 15	10 4	35 19	13 2	54 23	18 0	58 10	56 0 36	9 41	0 55	1 2	2 11	21 57	0 6	11 17	1 42
M27	23 15 17	55 3	58 19	33 2	45 23	11 1	0 11	3 0 38	9 41	0 55	1 2	2 11	21 57	0 6	11 17	1 42
T 28	23 13 19	55 3	11 19	52 2	35 23	3 1	2 11	10 0 39	9 42	0 56	1 3	2 12	21 58	0 6	11 17	1 42
W29	23 10 21	3 2	16 20	11 2	25 22	54 1	3 11	17 0 40	9 42	0 56	1 3	2 12	21 58	0 6	11 17	1 42
T 30	23n 6	21n14	1s13	20n30	2s14	22n45	1n5	11s24	0s42	9s43	0s56	1n 4	2s12	21n59	0s 6	11s17

Julian Day Number = 2675954.5, Delta T = 21m09s

Ecliptic obliquity = 23°21'29", Nutation = - 0°00'16"

Ayanamsha: Fagan/Bradley = 33°20'03", Lahiri = 32°27'03"

## ASTRODIENST EPHEMERIS for the year 2614

JULY 2614

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18 34 44	9 <sup>55</sup> 9'20	27 <sup>55</sup> 47	18 <sup>11</sup> 35	22 <sup>55</sup> 35	28 <sup>55</sup> 20	7°R11	7°Y51	11 <sup>11</sup> 28	4°R11	28 <sup>55</sup> 36	29°D 2	0 <sup>55</sup> 12	6 <sup>11</sup> 25	10 <sup>55</sup> 19	F 1
S 2	18 38 40	10° 6'38	10 <sup>55</sup> 6	20° 8	23°49	28°37	7°H10	7°53	11°31	4°M11	28°37	29°5 2	0° 9	6°32	10°21	S 2
S 3	18 42 37	11° 3'56	22°37	21°43	25° 2	28°55	7° 9	7°55	11°34	4°11	28°38	29° 3	0° 6	6°39	10°23	S 3
M 4	18 46 33	12° 1'13	5 <sup>11</sup> 22	23°22	26°16	29°13	7° 7	7°56	11°37	4°10	28°39	29° 4	0° 3	6°45	10°25	M 4
T 5	18 50 30	12°58'30	18°22	25° 4	27°29	29°32	7° 6	7°58	11°40	4°10	28°40	29° 5	29°59	6°52	10°28	T 5
W 6	18 54 26	13°55'45	1 <sup>55</sup> 41	26°49	28°43	29°51	7° 4	7°59	11°43	4° 9	28°41	29° 6	29°56	6°59	10°30	W 6
T 7	18 58 23	14°53'01	15°19	28°36	29°56	0 <sup>55</sup> 11	7° 2	8° 1	11°46	4° 9	28°42	29°R 7	29°53	7° 5	10°32	T 7
F 8	19 2 19	15°50'15	29°18	0 <sup>55</sup> 27	1 <sup>55</sup> 10	0°31	7° 0	8° 2	11°49	4° 9	28°43	29° 6	29°50	7°12	10°34	F 8
S 9	19 6 16	16°47'29	13 <sup>11</sup> 37	2°20	2°23	0°52	6°57	8° 3	11°52	4° 9	28°44	29° 5	29°47	7°19	10°35	S 9
S 10	19 10 13	17°44'43	28°13	4°16	3°37	1°13	6°55	8° 4	11°55	4° 8	28°45	29° 4	29°43	7°25	10°37	S 10
M11	19 14 9	18°41'56	13 <sup>11</sup> 2	6°14	4°50	1°35	6°52	8° 5	11°58	4° 8	28°46	29° 3	29°40	7°32	10°39	M11
T 12	19 18 6	19°39'09	27°56	8°15	6° 4	1°57	6°49	8° 6	12° 1	4° 8	28°47	29° 2	29°37	7°39	10°41	T 12
W13	19 22 2	20°36'22	12 <sup>55</sup> 48	10°18	7°17	2°19	6°46	8° 6	12° 4	4° 8	28°48	29° 1	29°34	7°46	10°43	W13
T 14	19 25 59	21°33'35	27°31	12°22	8°31	2°42	6°43	8° 7	12° 7	4° 8	28°49	29°D 1	29°31	7°52	10°44	T 14
F 15	19 29 55	22°30'47	11 <sup>55</sup> 57	14°28	9°44	3° 5	6°39	8° 8	12°10	4° 8	28°50	29° 1	29°28	7°59	10°46	F 15
S 16	19 33 52	23°28'00	26° 2	16°36	10°57	3°29	6°36	8° 8	12°13	4°D 8	28°50	29° 2	29°24	8° 6	10°48	S 16
S 17	19 37 49	24°25'13	9 <sup>11</sup> 43	18°45	12°11	3°53	6°32	8° 8	12°16	4° 8	28°51	29° 2	29°21	8°12	10°49	S 17
M18	19 41 45	25°22'26	22°58	20°54	13°24	4°17	6°28	8° 9	12°18	4° 8	28°52	29° 2	29°18	8°19	10°51	M18
T 19	19 45 42	26°19'39	5 <sup>11</sup> 51	23° 4	14°37	4°42	6°24	8° 9	12°21	4° 8	28°53	29° 3	29°15	8°26	10°52	T 19
W20	19 49 38	27°16'52	18°22	25°14	15°51	5° 7	6°20	8°R 9	12°24	4° 8	28°54	29° 3	29°12	8°32	10°53	W20
T 21	19 53 35	28°14'06	0 <sup>55</sup> 37	27°23	17° 4	5°32	6°15	8° 9	12°27	4° 8	28°54	29°R 3	29° 9	8°39	10°55	T 21
F 22	19 57 31	29°11'21	12°40	29°33	18°17	5°58	6°10	8° 9	12°29	4° 8	28°55	29°D 3	29° 5	8°46	10°56	F 22
S 23	20 1 28	0 <sup>55</sup> 8'35	24°34	1 <sup>55</sup> 42	19°31	6°24	6° 6	8° 8	12°32	4° 9	28°56	29° 3	29° 2	8°52	10°57	S 23
S 24	20 5 24	1° 5'51	6 <sup>11</sup> 25	3°50	20°44	6°50	6° 1	8° 8	12°34	4° 9	28°57	29° 3	28°59	8°59	10°58	S 24
M25	20 9 21	2° 3'07	18°16	5°57	21°57	7°17	5°56	8° 8	12°37	4° 9	28°57	29° 3	28°56	9° 6	11° 0	M25
T 26	20 13 18	3° 0'23	0 <sup>55</sup> 11	8° 3	23°11	7°44	5°50	8° 7	12°39	4° 9	28°58	29° 4	28°53	9°13	11° 1	T 26
W27	20 17 14	3°57'40	12°13	10° 7	24°24	8°12	5°45	8° 6	12°42	4°10	28°59	29° 4	28°49	9°19	11° 2	W27
T 28	20 21 11	4°54'57	24°26	12°10	25°37	8°39	5°39	8° 6	12°44	4°10	28°59	29°R 4	28°46	9°26	11° 3	T 28
F 29	20 25 7	5°52'15	6 <sup>55</sup> 49	14°12	26°50	9° 7	5°34	8° 5	12°47	4°10	29° 0	29° 4	28°43	9°33	11° 4	F 29
S 30	20 29 4	6°49'33	19°26	16°12	28° 4	9°36	5°28	8° 4	12°49	4°11	29° 1	29° 4	28°40	9°39	11° 4	S 30
S 31	20 33 0	7 <sup>55</sup> 46'51	2 <sup>11</sup> 16	18 <sup>55</sup> 10	29 <sup>55</sup> 17	10 <sup>55</sup> 4	5°H22	8°Y 3	12 <sup>11</sup> 52	4°M11	29°5 1	29°5 3	28°537	9 <sup>11</sup> 46	11°5 5	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	23n 3	20n25	0s 7	20n49	2s 4	22n34	1n 7	11s31	0s43	9s43	0s56	1n 4	2s13	21n59	0s 6	11s17
S 2	22 58	18 38	1n 1	21 8	1 52	22 24	1 9	11 38	0 45	9 44	0 57	1 5	2 13	22 0	0 6	11 16
S 3	22 54	15 56	2 7	21 25	1 41	22 12	1 10	11 46	0 46	9 44	0 57	1 5	2 13	22 0	0 6	11 16
M 4	22 49	12 25	3 8	21 43	1 29	22 0	1 12	11 54	0 47	9 45	0 57	1 6	2 13	22 1	0 6	11 16
T 5	22 44	8 16	4 0	21 59	1 17	21 48	1 14	12 2	0 48	9 46	0 58	1 6	2 14	22 1	0 6	11 16
W 6	22 38	3 38	4 41	22 14	1 5	21 34	1 15	12 9	0 50	9 47	0 58	1 6	2 14	22 1	0 6	11 16
T 7	22 32	1s17	5 7	22 28	0 53	21 20	1 16	12 18	0 51	9 48	0 58	1 7	2 14	22 2	0 6	11 16
F 8	22 25	6 15	5 16	22 40	0 41	21 6	1 18	12 26	0 52	9 49	0 58	1 7	2 14	22 2	0 5	11 16
S 9	22 18	11 0	5 6	22 51	0 29	20 51	1 19	12 34	0 53	9 50	0 59	1 7	2 15	22 3	0 5	11 16
S 10	22 11	15 12	4 37	23 0	0 18	20 35	1 20	12 43	0 54	9 51	0 59	1 7	2 15	22 3	0 5	11 16
M11	22 4	18 31	3 48	23 7	0 6	20 19	1 22	12 51	0 56	9 53	0 59	1 7	2 15	22 3	0 5	11 16
T 12	21 55	20 37	2 44	23 11	0n 5	20 2	1 23	13 0	0 57	9 54	0 59	1 7	2 15	22 4	0 5	11 16
W13	21 47	21 16	1 29	23 14	0 16	19 45	1 24	13 9	0 58	9 55	1 0	1 8	2 16	22 4	0 5	11 16
T 14	21 38	20 27	0 8	23 14	0 27	19 27	1 25	13 17	0 59	9 57	1 0	1 8	2 16	22 5	0 5	11 16
F 15	21 29	18 17	1s11	23 11	0 37	19 8	1 26	13 26	1 0	9 58	1 0	1 7	2 16	22 5	0 5	11 16
S 16	21 20	15 4	2 24	23 6	0 47	18 49	1 27	13 35	1 1	10 0	1 0	1 7	2 17	22 5	0 5	11 16
S 17	21 10	11 6	3 27	22 58	0 56	18 30	1 28	13 45	1 2	10 1	1 1	1 7	2 17	22 6	0 5	11 16
M18	20 59	6 43	4 17	22 48	1 4	18 10	1 29	13 54	1 3	10 3	1 1	1 7	2 17	22 6	0 5	11 16
T 19	20 49	2 9	4 52	22 35	1 12	17 49	1 29	14 3	1 4	10 5	1 1	1 7	2 17	22 7	0 5	11 16
W20	20 38	2n22	5 12	22 19	1 19	17 28	1 30	14 12	1 5	10 7	1 1	1 7	2 18	22 7	0 5	11 16
T 21	20 27	6 41	5 17	22 0	1 25	17 7	1 31	14 22	1 6	10 9	1 2	1 6	2 18	22 7	0 5	11 16
F 22	20 15	10 45	5 8	21 39	1 31	16 45	1 31	14 31	1 7	10 11	1 2	1 6	2 18	22 8	0 5	11 17
S 23	20 3	14 13	4 47	21 16	1 35	16 22	1 32	14 41	1 8	10 13	1 2	1 6	2 18	22 8	0 5	11 17
S 24	19 51	17 9	4 12	20 50	1 39	15 59	1 32	14 50	1 9	10 15	1 2	1 5	2 19	22 8	0 5	11 17
M25	19 38	19 24	3 28	20 23	1 43	15 36	1 33	15 0	1 10	10 17	1 3	1 5	2 19	22 9	0 5	11 17
T 26	19 25	20 48	2 34	19 53	1 45	15 12	1 33	15 9	1 11	10 19	1 3	1 5	2 19	22 9	0 5	11 17
W27	19 12	21 16	1 32	19 22	1 47	14 48	1 33	15 19	1 11	10 21	1 3	1 4	2 19	22 9	0 5	11 17
T 28	18 58	20 44	0 26	18 49	1 48	14 24	1 33	15 29	1 12	10 23	1 3	1 3	2 20	22 10	0 5	11 17
F 29	18 44	19 12	0n43	18 14	1 48	13 59	1 33	15 39	1 13	10 26	1 4	1 3	2 20	22 10	0 5	11 18
S 30	18 30	16 41	1 51	17 38	1 47	13 34	1 33	15 48	1 14	10 28	1 4	1 2	2 20	22 10	0 5	11 18
S 31	18n16	13n20	2n54	17n 1	1n46	13n 8	1n33	15s58	1s15	10s30	1s 4	1n 2	2s21	22n10	0s 5	11s18

Julian Day Number = 2675984.5, Delta T = 21m09s

Ecliptic obliquity = 23°21'29, Nutation = - 0°00'15

Ayanamsha: Fagan/Bradley = 33°20'07, Lahiri = 32°27'07



## ASTRODIENST EPHEMERIS for the year 2614

SEPTEMBER 2614

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 39 10	8♉26'56	6♊46	5♋46	8♌10	27♍33	1°R26	6°R42	13♎45	4♏42	29°R10	28°R18	26♐55	13♑20	11°R 3	T 1
F 2	22 43 7	9°24'45	20°54	6°42	9°22	28° 9	1°18	6°Y38	13°46	4°44	29°810	28°815	26°52	13°27	11°8 2	F 2
S 3	22 47 3	10°22'35	5♊4	7°35	10°35	28°45	1°11	6°34	13°46	4°45	29°10	28°D14	26°49	13°33	11° 1	S 3
S 4	22 51 0	11°20'26	19°15	8°24	11°47	29°22	1° 3	6°30	13°47	4°46	29°10	28°14	26°46	13°40	11° 0	S 4
M 5	22 54 56	12°18'19	3♊24	9°11	13° 0	29°59	0°55	6°26	13°48	4°48	29°10	28°15	26°42	13°47	10°59	M 5
T 6	22 58 53	13°16'12	17°30	9°53	14°12	0♊35	0°48	6°22	13°49	4°50	29°10	28°16	26°39	13°53	10°58	T 6
W 7	23 2 49	14°14'07	1♊31	10°33	15°25	1°13	0°40	6°18	13°49	4°51	29° 9	28°R17	26°36	14° 0	10°57	W 7
T 8	23 6 46	15°12'03	15°26	11° 8	16°37	1°50	0°33	6°14	13°50	4°53	29° 9	28°15	26°33	14° 7	10°56	T 8
F 9	23 10 42	16°10'00	29°11	11°39	17°49	2°27	0°26	6°10	13°51	4°54	29° 9	28°12	26°30	14°13	10°54	F 9
S 10	23 14 39	17° 7'58	12♊44	12° 6	19° 2	3° 5	0°19	6° 6	13°51	4°56	29° 9	28° 6	26°27	14°20	10°53	S 10
S 11	23 18 36	18° 5'59	26° 4	12°28	20°14	3°42	0°11	6° 1	13°52	4°57	29° 9	27°59	26°23	14°27	10°51	S 11
M12	23 22 32	19° 4'00	9♊7	12°45	21°26	4°20	0° 4	5°57	13°52	4°59	29° 8	27°50	26°20	14°33	10°50	M12
T 13	23 26 29	20° 2'04	21°53	12°57	22°38	4°58	29°57	5°53	13°52	5° 1	29° 8	27°41	26°17	14°40	10°49	T 13
W14	23 30 25	21° 0'09	4♊22	13° 3	23°51	5°36	29°51	5°49	13°53	5° 3	29° 8	27°32	26°14	14°47	10°47	W14
T 15	23 34 22	21°58'16	16°37	13°R 3	25° 3	6°15	29°44	5°44	13°53	5° 4	29° 7	27°25	26°11	14°53	10°45	T 15
F 16	23 38 18	22°56'25	28°39	12°57	26°15	6°53	29°37	5°40	13°53	5° 6	29° 7	27°20	26° 7	15° 0	10°44	F 16
S 17	23 42 15	23°54'36	10♊33	12°46	27°27	7°32	29°31	5°35	13°53	5° 8	29° 7	27°17	26° 4	15° 7	10°42	S 17
S 18	23 46 11	24°52'49	22°23	12°27	28°39	8°11	29°24	5°31	13°53	5°10	29° 6	27°D16	26° 1	15°13	10°40	S 18
M19	23 50 8	25°51'04	4♊14	12° 2	29°51	8°50	29°18	5°26	13°R53	5°11	29° 6	27°16	25°58	15°20	10°39	M19
T 20	23 54 5	26°49'21	16°12	11°31	1♊3	9°29	29°12	5°22	13°53	5°13	29° 5	27°17	25°55	15°27	10°37	T 20
W21	23 58 1	27°47'41	28°22	10°53	2°15	10° 8	29° 6	5°17	13°53	5°15	29° 5	27°R17	25°52	15°33	10°35	W21
T 22	0 1 58	28°46'02	10♊48	10°10	3°27	10°47	29° 0	5°13	13°53	5°17	29° 5	27°16	25°48	15°40	10°33	T 22
F 23	0 5 54	29°44'24	23°35	9°20	4°39	11°27	28°54	5° 8	13°53	5°19	29° 4	27°13	25°45	15°47	10°31	F 23
S 24	0 9 51	0♊42'49	6♊44	8°26	5°50	12° 6	28°49	5° 3	13°53	5°21	29° 4	27° 8	25°42	15°53	10°29	S 24
S 25	0 13 47	1°41'16	20°16	7°28	7° 2	12°46	28°43	4°59	13°53	5°23	29° 3	27° 0	25°39	16° 0	10°27	S 25
M26	0 17 44	2°39'45	4♊9	6°27	8°14	13°26	28°38	4°54	13°52	5°25	29° 2	26°50	25°36	16° 7	10°25	M26
T 27	0 21 40	3°38'15	18°20	5°24	9°26	14° 6	28°33	4°50	13°52	5°27	29° 2	26°40	25°32	16°14	10°23	T 27
W28	0 25 37	4°36'48	2♊43	4°21	10°37	14°46	28°28	4°45	13°51	5°28	29° 1	26°29	25°29	16°20	10°21	W28
T 29	0 29 33	5°35'22	17°11	3°20	11°49	15°26	28°23	4°40	13°51	5°30	29° 1	26°20	25°26	16°27	10°19	T 29
F 30	0 33 30	6♊33'58	1♊39	2♊21	13♊1	16♊7	28°18	4°Y36	13♊50	5♊32	29°8 0	26°814	25°823	16♊34	10°817	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	8n22	8s53	5n 7	4s18	2s12	2s25	0n53	21s 3	1s33	12s 0	1s 9	0n23	2s28	22n17	0s 5	11s30
F 2	8 1	13 19	4 46	4 49	2 22	2 56	0 51	21 12	1 33	12 3	1 9	0 22	2 28	22 17	0 5	11 30
S 3	7 39	17 0	4 8	5 19	2 32	3 26	0 48	21 20	1 34	12 5	1 9	0 20	2 28	22 17	0 5	11 31
S 4	7 17	19 41	3 15	5 48	2 42	3 57	0 46	21 28	1 34	12 8	1 9	0 18	2 28	22 18	0 5	11 31
M 5	6 55	21 8	2 11	6 15	2 51	4 27	0 43	21 37	1 34	12 11	1 9	0 17	2 28	22 18	0 5	11 32
T 6	6 33	21 16	0 58	6 40	3 1	4 57	0 41	21 45	1 35	12 14	1 9	0 15	2 28	22 18	0 5	11 32
W 7	6 11	20 2	0s18	7 4	3 10	5 28	0 38	21 53	1 35	12 16	1 9	0 13	2 29	22 18	0 5	11 33
T 8	5 49	17 37	1 31	7 26	3 19	5 58	0 35	22 1	1 35	12 19	1 9	0 11	2 29	22 18	0 5	11 34
F 9	5 26	14 12	2 39	7 46	3 27	6 28	0 33	22 8	1 35	12 22	1 9	0 10	2 29	22 18	0 5	11 34
S 10	5 4	10 5	3 36	8 4	3 35	6 58	0 30	22 16	1 36	12 24	1 9	0 8	2 29	22 18	0 5	11 35
S 11	4 41	5 33	4 20	8 33	3 43	7 28	0 27	22 24	1 36	12 27	1 9	0 6	2 29	22 18	0 5	11 35
M12	4 19	0 51	4 50	8 20	3 50	7 57	0 24	22 31	1 36	12 29	1 9	0 4	2 29	22 18	0 5	11 36
T 13	3 56	3n47	5 5	8 44	3 57	8 27	0 21	22 38	1 37	12 32	1 9	0 3	2 29	22 18	0 5	11 36
W14	3 33	8 9	5 4	8 52	4 3	8 56	0 18	22 45	1 37	12 34	1 9	0 1	2 29	22 18	0 5	11 37
T 15	3 10	12 7	4 49	8 56	4 7	9 25	0 15	22 52	1 37	12 36	1 9	0s 1	2 30	22 18	0 5	11 38
F 16	2 48	15 32	4 22	8 58	4 11	9 54	0 12	22 59	1 37	12 39	1 9	0 3	2 30	22 18	0 5	11 38
S 17	2 25	18 16	3 44	8 56	4 14	10 23	0 9	23 6	1 37	12 41	1 9	0 5	2 30	22 18	0 5	11 39
S 18	2 2	20 13	2 56	8 50	4 16	10 52	0 6	23 12	1 38	12 43	1 9	0 7	2 30	22 18	0 5	11 39
M19	1 39	21 17	2 0	8 40	4 16	11 20	0 3	23 19	1 38	12 45	1 9	0 9	2 30	22 18	0 5	11 40
T 20	1 16	21 24	0 59	8 27	4 15	11 48	0s 0	23 25	1 38	12 48	1 9	0 10	2 30	22 18	0 5	11 41
W21	0 52	20 31	0n 6	8 10	4 12	12 16	0 3	23 31	1 38	12 50	1 9	0 12	2 30	22 18	0 5	11 41
T 22	0 29	18 37	1 12	7 48	4 8	12 44	0 7	23 37	1 38	12 52	1 9	0 14	2 30	22 18	0 5	11 42
F 23	0 6	15 45	2 16	7 23	4 1	13 11	0 10	23 42	1 38	12 54	1 9	0 16	2 30	22 18	0 5	11 43
S 24	0s17	12 1	3 14	6 54	3 53	13 38	0 13	23 48	1 39	12 56	1 9	0 18	2 30	22 18	0 5	11 43
S 25	0 40	7 34	4 3	6 22	3 43	14 5	0 17	23 53	1 39	12 57	1 9	0 20	2 30	22 18	0 5	11 44
M26	1 3	2 38	4 39	5 47	3 31	14 31	0 20	23 58	1 39	12 59	1 9	0 22	2 30	22 18	0 5	11 45
T 27	1 26	2s33	4 59	5 9	3 17	14 57	0 23	24 3	1 39	13 1	1 9	0 23	2 30	22 18	0 5	11 45
W28	1 50	7 39	5 1	4 30	3 1	15 23	0 27	24 8	1 39	13 3	1 9	0 25	2 30	22 18	0 5	11 46
T 29	2 13	12 23	4 43	3 50	2 44	15 48	0 30	24 13	1 39	13 4	1 9	0 27	2 30	22 18	0 5	11 47
F 30	2s36	16s23	4n 7	3s10	2s26	16s13	0s33	24s17	1s39	13s 6	1s 9	0s29	2s30	22n18	0s 5	11s47

Julian Day Number = 2676046.5, Delta T = 21m10s

Ecliptic obliquity = 23°21'30, Nutation = - 0°00'15

Ayanamsha: Fagan/Bradley = 33°20'16, Lahiri = 32°27'16

## ASTRODIENST EPHEMERIS for the year 2614

OCTOBER 2614

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 37 27	7♂32°35	16♂1	1°R26	14♂12	16♂47	28°R14	4°R31	13°R50	5♂34	28°R59	26°R10	25♂20	16♂40	10°R14	S 1
S 2	0 41 23	8°31'14	0♂15	0♂37	15°24	17°28	28♂9	4°Y27	13♂49	5°37	28♂59	26♂8	25°17	16°47	10♂12	S 2
M 3	0 45 20	9°29'55	14°18	29♂55	16°35	18°9	28°5	4°22	13°49	5°39	28°58	26°D8	25°13	16°54	10°10	M 3
T 4	0 49 16	10°28'37	28°11	29°21	17°47	18°50	28°1	4°17	13°48	5°41	28°58	26°R8	25°10	17°0	10°7	T 4
W 5	0 53 13	11°27'21	11♂52	28°56	18°58	19°31	27°58	4°13	13°47	5°43	28°57	26°7	25°7	17°7	10°5	W 5
T 6	0 57 9	12°26'07	25°24	28°40	20°9	20°12	27°54	4°8	13°46	5°45	28°56	26°5	25°4	17°14	10°3	T 6
F 7	1 1 6	13°24'54	8♂45	28°D35	21°21	20°53	27°51	4°4	13°46	5°47	28°55	25°59	25°1	17°20	10°0	F 7
S 8	1 5 2	14°23'43	21°55	28°40	22°32	21°35	27°47	3°59	13°45	5°49	28°55	25°50	24°58	17°27	9°58	S 8
S 9	1 8 59	15°22'34	4°Y54	28°54	23°43	22°16	27°44	3°55	13°44	5°51	28°54	25°39	24°54	17°34	9°55	S 9
M10	1 12 56	16°21'27	17°40	29°19	24°54	22°58	27°41	3°50	13°43	5°53	28°53	25°26	24°51	17°40	9°53	M10
T 11	1 16 52	17°20'22	0♂14	29°53	26°5	23°39	27°39	3°46	13°42	5°55	28°52	25°13	24°48	17°47	9°50	T 11
W12	1 20 49	18°19'18	12°34	0♂36	27°16	24°21	27°36	3°41	13°41	5°57	28°52	25°0	24°45	17°54	9°48	W12
T 13	1 24 45	19°18'17	24°43	1°28	28°27	25°3	27°34	3°37	13°39	6°0	28°51	24°49	24°42	18°0	9°45	T 13
F 14	1 28 42	20°17'19	6♂42	2°27	29°38	25°45	27°32	3°33	13°38	6°2	28°50	24°40	24°38	18°7	9°42	F 14
S 15	1 32 38	21°16'22	18°33	3°33	0♂49	26°27	27°30	3°28	13°37	6°4	28°49	24°34	24°35	18°14	9°40	S 15
S 16	1 36 35	22°15'28	0♂21	4°46	2°0	27°9	27°28	3°24	13°36	6°6	28°48	24°31	24°32	18°20	9°37	S 16
M17	1 40 31	23°14'36	12°10	6°4	3°11	27°52	27°27	3°20	13°34	6°8	28°47	24°29	24°29	18°27	9°35	M17
T 18	1 44 28	24°13'46	24°6	7°26	4°22	28°34	27°26	3°16	13°33	6°11	28°46	24°29	24°26	18°34	9°32	T 18
W19	1 48 25	25°12'58	6♂14	8°53	5°32	29°17	27°25	3°12	13°32	6°13	28°46	24°29	24°23	18°40	9°29	W19
T 20	1 52 21	26°12'13	18°40	10°24	6°43	29°59	27°24	3°8	13°30	6°15	28°45	24°27	24°19	18°47	9°26	T 20
F 21	1 56 18	27°11'30	1♂28	11°57	7°53	0♂42	27°23	3°4	13°29	6°17	28°44	24°24	24°16	18°54	9°24	F 21
S 22	2 0 14	28°10'49	14°42	13°33	9°4	1°25	27°22	3°0	13°27	6°19	28°43	24°18	24°13	19°0	9°21	S 22
S 23	2 4 11	29°10'10	28°23	15°11	10°14	2°8	27°22	2°56	13°26	6°22	28°42	24°10	24°10	19°7	9°18	S 23
M24	2 8 7	0♂19 34	12♂31	16°50	11°25	2°51	27°D22	2°52	13°24	6°24	28°41	23°59	24°7	19°14	9°15	M24
T 25	2 12 4	1°8'59	27°2	18°31	12°35	3°34	27°22	2°48	13°22	6°26	28°40	23°47	24°3	19°20	9°13	T 25
W26	2 16 0	2°8'27	11♂49	20°12	13°45	4°17	27°22	2°44	13°21	6°28	28°39	23°36	24°0	19°27	9°10	W26
T 27	2 19 57	3°7'57	26°42	21°55	14°55	5°1	27°23	2°41	13°19	6°30	28°38	23°25	23°57	19°34	9°7	T 27
F 28	2 23 54	4°7'28	11♂35	23°37	16°5	5°44	27°24	2°37	13°17	6°33	28°37	23°18	23°54	19°40	9°4	F 28
S 29	2 27 50	5°7'02	26°18	25°20	17°15	6°28	27°25	2°34	13°16	6°35	28°36	23°13	23°51	19°47	9°1	S 29
S 30	2 31 47	6°6'37	10♂46	27°3	18°25	7°11	27°26	2°30	13°14	6°37	28°35	23°11	23°48	19°54	8°59	S 30
M31	2 35 43	7♂16 14	24♂56	28♂46	19♂35	7♂55	27°27	2°Y27	13♂12	6♂39	28♂34	23°D11	23♂44	20♂10	8♂56	M31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	2s59	19s23	3n16	2s30	2s7	16s38	0s37	24s21	1s39	13s7	1s8	0s31	2s30	22n18	0s5	11s48
S 2	3 22	21 9	2 13	1 53	1 47	17 2	0 40	24 25	1 39	13 9	1 8	0 33	2 31	22 18	0 5	11 49
M 3	3 45	21 34	1 2	1 18	1 27	17 26	0 44	24 29	1 39	13 10	1 8	0 34	2 31	22 18	0 5	11 49
T 4	4 8	20 38	0s11	0 46	1 7	17 50	0 47	24 33	1 39	13 11	1 8	0 36	2 31	22 18	0 5	11 50
W 5	4 31	18 29	1 22	0 17	0 47	18 13	0 51	24 36	1 39	13 13	1 8	0 38	2 31	22 18	0 5	11 51
T 6	4 54	15 20	2 28	0n 6	0 27	18 35	0 54	24 39	1 40	13 14	1 8	0 40	2 31	22 18	0 5	11 51
F 7	5 17	11 26	3 25	0 26	0 9	18 58	0 57	24 42	1 40	13 15	1 8	0 42	2 31	22 17	0 5	11 52
S 8	5 39	7 1	4 10	0 40	0n 9	19 19	1 1	24 45	1 40	13 16	1 8	0 43	2 31	22 17	0 5	11 53
S 9	6 2	2 22	4 41	0 49	0 25	19 41	1 4	24 47	1 40	13 17	1 8	0 45	2 30	22 17	0 5	11 54
M10	6 25	2n19	4 57	0 53	0 40	20 2	1 8	24 50	1 40	13 18	1 8	0 47	2 30	22 17	0 5	11 54
T 11	6 47	6 50	4 59	0 52	0 54	20 22	1 11	24 52	1 40	13 18	1 8	0 49	2 30	22 17	0 5	11 55
W12	7 10	11 0	4 46	0 46	1 6	20 42	1 15	24 54	1 39	13 19	1 8	0 50	2 30	22 17	0 5	11 56
T 13	7 32	14 40	4 21	0 36	1 17	21 1	1 18	24 55	1 39	13 20	1 7	0 52	2 30	22 17	0 5	11 56
F 14	7 54	17 40	3 44	0 21	1 27	21 20	1 21	24 57	1 39	13 21	1 7	0 54	2 30	22 17	0 5	11 57
S 15	8 16	19 55	2 58	0 3	1 35	21 38	1 25	24 58	1 39	13 21	1 7	0 55	2 30	22 17	0 5	11 58
S 16	8 38	21 17	2 4	0s20	1 42	21 56	1 28	24 59	1 39	13 22	1 7	0 57	2 30	22 16	0 5	11 59
M17	9 0	21 44	1 5	0 45	1 47	22 13	1 31	25 0	1 39	13 22	1 7	0 59	2 30	22 16	0 5	11 59
T 18	9 22	21 11	0 2	1 14	1 52	22 29	1 34	25 0	1 39	13 22	1 7	1 0	2 30	22 16	0 5	12 0
W19	9 43	19 39	1n 2	1 45	1 55	22 45	1 38	25 0	1 39	13 23	1 7	1 2	2 30	22 16	0 5	12 1
T 20	10 5	17 9	2 4	2 18	1 57	23 1	1 41	25 0	1 39	13 23	1 7	1 3	2 30	22 16	0 5	12 2
F 21	10 26	13 45	3 2	2 54	1 58	23 16	1 44	25 0	1 39	13 23	1 7	1 5	2 30	22 16	0 5	12 2
S 22	10 47	9 35	3 53	3 31	1 58	23 30	1 47	25 0	1 39	13 23	1 6	1 6	2 30	22 15	0 5	12 3
S 23	11 9	4 47	4 31	4 9	1 58	23 44	1 50	24 59	1 38	13 23	1 6	1 8	2 30	22 15	0 5	12 4
M24	11 29	0s24	4 55	4 48	1 57	23 57	1 53	24 58	1 38	13 23	1 6	1 9	2 30	22 15	0 5	12 4
T 25	11 50	5 42	5 0	5 28	1 54	24 9	1 56	24 57	1 38	13 23	1 6	1 11	2 29	22 15	0 5	12 5
W26	12 11	10 47	4 46	6 9	1 52	24 21	1 59	24 55	1 38	13 23	1 6	1 12	2 29	22 15	0 5	12 6
T 27	12 31	15 16	4 12	6 50	1 49	24 32	2 2	24 54	1 38	13 22	1 6	1 13	2 29	22 14	0 5	12 7
F 28	12 51	18 46	3 21	7 31	1 45	24 42	2 5	24 52	1 38	13 22	1 6	1 15	2 29	22 14	0 5	12 7
S 29	13 11	21 1	2 17	8 12	1 41	24 52	2 8	24 49	1 37	13 21	1 6	1 16	2 29	22 14	0 5	12 8
S 30	13 31	21 50	1 5	8 53	1 36	25 1	2 11	24 47	1 37	13 21	1 5	1 17	2 29	22 14	0 5	12 9
M31	13s50	21s13	0s9	9s35	1n31	25s10	2s13	24s44	1s37	13s20	1s5	1s18	2s29	22n14	0s5	12s10

Julian Day Number = 2676076.5, Delta T = 21m10s

Ecliptic obliquity = 23°21'31", Nutation = - 0°00'16"

Ayanamsha: Fagan/Bradley = 33°20'20", Lahiri = 32°27'20"

## ASTRODIENST EPHEMERIS for the year 2614

NOVEMBER 2614

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 39 40	8♂ 5'52	8♂48	0♂28	20♂45	8♂39	27♂28	2°R23	13°R10	6♂42	28°R33	23°R11	23♂41	20♂7	8°R53	T 1
W 2	2 43 36	9° 5'32	22°22	2°11	21°55	9°23	27°30	2°Y20	13°II 8	6°44	28°R32	23♂10	23°38	20°14	8♂50	W 2
T 3	2 47 33	10° 5'14	5♂40	3°53	23° 4	10° 7	27°32	2°17	13° 6	6°46	28°31	23° 8	23°35	20°20	8°47	T 3
F 4	2 51 29	11° 4'57	18°43	5°35	24°14	10°51	27°34	2°14	13° 4	6°48	28°30	23° 2	23°32	20°27	8°44	F 4
S 5	2 55 26	12° 4'42	1°Y34	7°16	25°23	11°35	27°37	2°11	13° 2	6°51	28°29	22°54	23°29	20°34	8°42	S 5
S 6	2 59 23	13° 4'29	14°13	8°57	26°32	12°19	27°39	2° 8	13° 0	6°53	28°28	22°44	23°25	20°40	8°39	S 6
M 7	3 3 19	14° 4'18	26°42	10°37	27°41	13° 3	27°42	2° 5	12°58	6°55	28°26	22°32	23°22	20°47	8°36	M 7
T 8	3 7 16	15° 4'08	9♂ 0	12°17	28°51	13°47	27°45	2° 2	12°56	6°57	28°25	22°19	23°19	20°54	8°33	T 8
W 9	3 11 12	16° 4'01	21°10	13°57	29°59	14°32	27°48	2° 0	12°54	6°59	28°24	22° 7	23°16	21° 0	8°30	W 9
T 10	3 15 9	17° 3'55	3♂10	15°36	1♂ 8	15°16	27°51	1°57	12°51	7° 2	28°23	21°56	23°13	21° 7	8°28	T 10
F 11	3 19 5	18° 3'51	15° 4	17°14	2°17	16° 1	27°54	1°55	12°49	7° 4	28°22	21°47	23° 9	21°14	8°25	F 11
S 12	3 23 2	19° 3'50	26°53	18°52	3°26	16°45	27°58	1°52	12°47	7° 6	28°21	21°42	23° 6	21°20	8°22	S 12
S 13	3 26 58	20° 3'50	8♂40	20°30	4°34	17°30	28° 2	1°50	12°45	7° 8	28°20	21°39	23° 3	21°27	8°19	S 13
M14	3 30 55	21° 3'52	20°28	22° 7	5°43	18°15	28° 6	1°48	12°42	7°11	28°19	21°D38	23° 0	21°34	8°17	M14
T 15	3 34 52	22° 3'57	2♂23	23°44	6°51	19° 0	28°10	1°46	12°40	7°13	28°18	21°38	22°57	21°40	8°14	T 15
W16	3 38 48	23° 4'03	14°29	25°20	7°59	19°44	28°15	1°44	12°38	7°15	28°17	21°39	22°54	21°47	8°11	W16
T 17	3 42 45	24° 4'12	26°51	26°56	9° 7	20°29	28°19	1°42	12°36	7°17	28°15	21°R39	22°50	21°54	8° 8	T 17
F 18	3 46 41	25° 4'22	9♂34	28°32	10°15	21°14	28°24	1°40	12°33	7°19	28°14	21°38	22°47	22° 0	8° 6	F 18
S 19	3 50 38	26° 4'35	22°44	0♂ 7	11°23	22° 0	28°29	1°38	12°31	7°21	28°13	21°35	22°44	22° 7	8° 3	S 19
S 20	3 54 34	27° 4'49	6♂23	1°42	12°30	22°45	28°34	1°37	12°28	7°23	28°12	21°29	22°41	22°14	8° 0	S 20
M21	3 58 31	28° 5'06	20°31	3°16	13°38	23°30	28°39	1°35	12°26	7°26	28°11	21°22	22°38	22°20	7°58	M21
T 22	4 2 27	29° 5'24	5♂ 6	4°50	14°45	24°15	28°45	1°34	12°24	7°28	28°10	21°14	22°35	22°27	7°55	T 22
W23	4 6 24	0♂ 5'44	20° 3	6°24	15°52	25° 1	28°50	1°32	12°21	7°30	28° 9	21° 5	22°31	22°34	7°53	W23
T 24	4 10 21	1° 6'06	5♂12	7°58	16°59	25°46	28°56	1°31	12°19	7°32	28° 8	20°58	22°28	22°40	7°50	T 24
F 25	4 14 17	2° 6'30	20°24	9°31	18° 6	26°31	29° 2	1°30	12°16	7°34	28° 6	20°52	22°25	22°47	7°48	F 25
S 26	4 18 14	3° 6'55	5♂28	11° 4	19°12	27°17	29° 8	1°29	12°14	7°36	28° 5	20°49	22°22	22°54	7°45	S 26
S 27	4 22 10	4° 7'22	20°16	12°37	20°19	28° 2	29°15	1°28	12°11	7°38	28° 4	20°D48	22°19	23° 0	7°43	S 27
M28	4 26 7	5° 7'50	4♂43	14° 9	21°25	28°48	29°21	1°27	12° 9	7°40	28° 3	20°49	22°15	23° 7	7°40	M28
T 29	4 30 3	6° 8'19	18°45	15°42	22°31	29°34	29°28	1°26	12° 6	7°42	28° 2	20°50	22°12	23°14	7°38	T 29
W30	4 34 0	7♂ 8'49	2♂24	17♂14	23♂37	0♂20	29♂35	1°Y26	12°II 4	7♂44	28♂ 1	20°R51	22♂ 9	23♂20	7♂35	W30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	14s10	19s19	1s22	10s15	1n26	25s18	2s16	24s41	1s37	13s20	1s 5	1s20	2s29	22n13	0s 5	12s10
W 2	14 29	16 21	2 28	10 56	1 20	25 25	2 18	24 38	1 37	13 19	1 5	1 21	2 29	22 13	0 5	12 11
T 3	14 48	12 35	3 25	11 36	1 15	25 31	2 21	24 35	1 36	13 18	1 5	1 22	2 28	22 13	0 5	12 12
F 4	15 6	8 17	4 10	12 15	1 9	25 37	2 23	24 31	1 36	13 17	1 5	1 23	2 28	22 13	0 5	12 12
S 5	15 25	3 41	4 42	12 54	1 2	25 42	2 26	24 27	1 36	13 16	1 5	1 24	2 28	22 12	0 5	12 13
S 6	15 43	1n 0	4 59	13 33	0 56	25 47	2 28	24 23	1 36	13 15	1 4	1 25	2 28	22 12	0 5	12 14
M 7	16 1	5 34	5 1	14 10	0 50	25 50	2 30	24 18	1 35	13 14	1 4	1 26	2 28	22 12	0 5	12 15
T 8	16 18	9 52	4 49	14 47	0 43	25 53	2 32	24 13	1 35	13 13	1 4	1 27	2 28	22 12	0 5	12 15
W 9	16 35	13 44	4 25	15 23	0 37	25 56	2 34	24 8	1 35	13 12	1 4	1 28	2 27	22 11	0 5	12 16
T 10	16 52	16 59	3 48	15 59	0 30	25 57	2 36	24 3	1 35	13 11	1 4	1 29	2 27	22 11	0 5	12 17
F 11	17 9	19 31	3 2	16 33	0 23	25 58	2 38	23 58	1 34	13 10	1 4	1 30	2 27	22 11	0 5	12 17
S 12	17 26	21 11	2 8	17 7	0 16	25 58	2 40	23 52	1 34	13 8	1 4	1 30	2 27	22 11	0 5	12 18
S 13	17 42	21 56	1 9	17 40	0 9	25 58	2 41	23 46	1 34	13 7	1 4	1 31	2 27	22 10	0 5	12 19
M14	17 58	21 42	0 6	18 12	0 3	25 57	2 43	23 40	1 33	13 5	1 3	1 32	2 27	22 10	0 5	12 19
T 15	18 13	20 30	0n57	18 43	0s 4	25 55	2 44	23 33	1 33	13 4	1 3	1 33	2 26	22 10	0 5	12 20
W16	18 29	18 20	1 59	19 13	0 11	25 53	2 46	23 26	1 33	13 2	1 3	1 33	2 26	22 9	0 5	12 21
T 17	18 44	15 18	2 57	19 42	0 18	25 49	2 47	23 19	1 32	13 0	1 3	1 34	2 26	22 9	0 5	12 22
F 18	18 58	11 29	3 48	20 10	0 24	25 45	2 48	23 12	1 32	12 58	1 3	1 34	2 26	22 9	0 5	12 22
S 19	19 12	7 0	4 29	20 37	0 31	25 41	2 49	23 5	1 32	12 57	1 3	1 35	2 26	22 8	0 5	12 23
S 20	19 26	2 1	4 56	21 2	0 37	25 36	2 50	22 57	1 31	12 55	1 3	1 35	2 26	22 8	0 5	12 24
M21	19 40	3s15	5 7	21 27	0 44	25 30	2 51	22 49	1 31	12 53	1 3	1 36	2 25	22 8	0 5	12 24
T 22	19 53	8 30	4 58	21 51	0 50	25 23	2 52	22 41	1 30	12 51	1 2	1 36	2 25	22 8	0 5	12 25
W23	20 6	13 22	4 29	22 14	0 56	25 16	2 52	22 32	1 30	12 49	1 2	1 37	2 25	22 7	0 5	12 26
T 24	20 19	17 29	3 41	22 35	1 3	25 8	2 53	22 23	1 30	12 47	1 2	1 37	2 25	22 7	0 5	12 26
F 25	20 31	20 25	2 37	22 56	1 9	25 0	2 53	22 14	1 29	12 44	1 2	1 37	2 25	22 7	0 5	12 27
S 26	20 43	21 53	1 22	23 15	1 14	24 51	2 53	22 5	1 29	12 42	1 2	1 37	2 24	22 6	0 5	12 27
S 27	20 54	21 47	0 3	23 33	1 20	24 41	2 53	21 56	1 28	12 40	1 2	1 38	2 24	22 6	0 5	12 28
M28	21 5	20 14	1s15	23 50	1 26	24 31	2 53	21 46	1 28	12 37	1 2	1 38	2 24	22 6	0 5	12 29
T 29	21 16	17 27	2 26	24 6	1 31	24 20	2 53	21 36	1 28	12 35	1 1	1 38	2 24	22 5	0 5	12 29
W30	21s26	13s47	3s26	24s21	1s36	24s 8	2s53	21s26	1s27	12s32	1s 1	1s38	2s24	22n 5	0s 5	12s30

Julian Day Number = 2676107.5, Delta T = 21m11s

Ecliptic obliquity = 23°21'30", Nutation = - 0°00'17"

Ayanamsha: Fagan/Bradley = 33°20'24", Lahiri = 32°27'24"

## ASTRODIENST EPHEMERIS for the year 2614

DECEMBER 2614

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 37 56	8♂ 9'21	15♂ 40	18♂ 46	24♂ 42	1♂ 5	29♂ 42	1°R25	12°R 1	7♂ 46	28°R 0	20°R51	22♂ 6	23♂ 27	7°R33	T 1
F 2	4 41 53	9° 9'54	28°37	20°17	25°48	1°51	29°49	1°Y25	11°II59	7°48	27°R59	20°R49	22° 3	23°34	7°R31	F 2
S 3	4 45 50	10°10'28	11°Y16	21°49	26°53	2°37	29°56	1°25	11°56	7°50	27°58	20°45	22° 0	23°40	7°28	S 3
S 4	4 49 46	11°11'03	23°42	23°20	27°58	3°23	0♂ 4	1°24	11°54	7°52	27°56	20°40	21°56	23°47	7°26	S 4
M 5	4 53 43	12°11'39	5♂ 57	24°51	29° 2	4° 9	0°11	1°D24	11°51	7°54	27°55	20°33	21°53	23°54	7°24	M 5
T 6	4 57 39	13°12'17	18° 3	26°21	0♂ 7	4°55	0°19	1°24	11°49	7°56	27°54	20°25	21°50	24° 0	7°22	T 6
W 7	5 1 36	14°12'55	0♂ 2	27°52	1°11	5°41	0°27	1°24	11°46	7°58	27°53	20°18	21°47	24° 7	7°20	W 7
T 8	5 5 32	15°13'35	11°55	29°22	2°14	6°27	0°35	1°25	11°44	8° 0	27°52	20°12	21°44	24°14	7°18	T 8
F 9	5 9 29	16°14'17	23°45	0♂ 52	3°18	7°13	0°43	1°25	11°41	8° 2	27°51	20° 8	21°41	24°20	7°16	F 9
S 10	5 13 25	17°15'00	5♂ 33	2°21	4°21	7°59	0°51	1°25	11°39	8° 3	27°50	20° 5	21°37	24°27	7°14	S 10
S 11	5 17 22	18°15'44	17°22	3°50	5°24	8°46	1° 0	1°26	11°36	8° 5	27°49	20°D 4	21°34	24°34	7°12	S 11
M12	5 21 19	19°16'29	29°13	5°18	6°27	9°32	1° 9	1°27	11°34	8° 7	27°48	20° 4	21°31	24°40	7°10	M12
T 13	5 25 15	20°17'16	11♂ 11	6°46	7°29	10°18	1°17	1°27	11°31	8° 9	27°47	20° 6	21°28	24°47	7° 8	T 13
W14	5 29 12	21°18'04	23°19	8°14	8°31	11° 4	1°26	1°28	11°29	8°11	27°46	20° 7	21°25	24°54	7° 6	W14
T 15	5 33 8	22°18'53	5♂ 41	9°40	9°32	11°51	1°35	1°29	11°26	8°12	27°45	20° 9	21°21	25° 0	7° 4	T 15
F 16	5 37 5	23°19'44	18°21	11° 6	10°33	12°37	1°44	1°30	11°24	8°14	27°44	20°R10	21°18	25° 7	7° 2	F 16
S 17	5 41 1	24°20'36	1♂ 25	12°31	11°34	13°24	1°54	1°32	11°21	8°16	27°43	20°10	21°15	25°14	7° 1	S 17
S 18	5 44 58	25°21'29	14°54	13°55	12°35	14°10	2° 3	1°33	11°19	8°17	27°42	20° 9	21°12	25°20	6°59	S 18
M19	5 48 54	26°22'24	28°51	15°17	13°35	14°56	2°13	1°34	11°17	8°19	27°41	20° 6	21° 9	25°27	6°57	M19
T 20	5 52 51	27°23'20	13♂ 15	16°38	14°34	15°43	2°22	1°36	11°14	8°21	27°40	20° 3	21° 6	25°34	6°56	T 20
W21	5 56 48	28°24'17	28° 3	17°57	15°33	16°29	2°32	1°37	11°12	8°22	27°39	20° 0	21° 2	25°40	6°54	W21
T 22	6 0 44	29°25'15	13♂ 9	19°14	16°32	17°16	2°42	1°39	11° 9	8°24	27°38	19°57	20°59	25°47	6°53	T 22
F 23	6 4 41	0♂ 26'14	28°24	20°28	17°30	18° 3	2°52	1°41	11° 7	8°25	27°37	19°55	20°56	25°54	6°51	F 23
S 24	6 8 37	1°27'14	13♂ 37	21°40	18°28	18°49	3° 3	1°43	11° 5	8°27	27°36	19°D54	20°53	26° 0	6°50	S 24
S 25	6 12 34	2°28'15	28°39	22°48	19°25	19°36	3°13	1°45	11° 2	8°28	27°35	19°54	20°50	26° 7	6°49	S 25
M26	6 16 30	3°29'16	13♂ 22	23°52	20°21	20°23	3°23	1°47	11° 0	8°30	27°34	19°55	20°47	26°14	6°47	M26
T 27	6 20 27	4°30'18	27°40	24°52	21°18	21° 9	3°34	1°49	10°58	8°31	27°34	19°57	20°43	26°20	6°46	T 27
W28	6 24 24	5°31'20	11♂ 31	25°47	22°13	21°56	3°44	1°52	10°56	8°33	27°33	19°58	20°40	26°27	6°45	W28
T 29	6 28 20	6°32'23	24°56	26°36	23° 8	22°43	3°55	1°54	10°53	8°34	27°32	19°59	20°37	26°34	6°44	T 29
F 30	6 32 17	7°33'26	7♂ 55	27°18	24° 2	23°30	4° 6	1°57	10°51	8°36	27°31	19°R59	20°34	26°40	6°43	F 30
S 31	6 36 13	8♂ 34'29	20°Y34	27♂ 53	24♂ 56	24♂ 16	4♂ 17	1°Y59	10°II49	8♂ 37	27°R30	19°R59	20°R31	26°II47	6♂ 42	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	21s36	9s32	4s14	24s34	1s41	23s56	2s52	21s16	1s27	12s30	1s 1	1s38	2s23	22n 5	0s 5	T 1
F 2	21 45	4 57	4 47	24 46	1 46	23 44	2 52	21 5	1 26	12 27	1 1	1 38	2 23	22 4	0 5	F 2
S 3	21 54	0 15	5 6	24 57	1 51	23 30	2 51	20 54	1 26	12 25	1 1	1 38	2 23	22 4	0 5	S 3
S 4	22 3	4n22	5 10	25 6	1 55	23 17	2 50	20 43	1 25	12 22	1 1	1 38	2 23	22 4	0 5	S 4
M 5	22 11	8 45	4 59	25 14	1 59	23 2	2 49	20 32	1 25	12 19	1 1	1 37	2 23	22 3	0 5	M 5
T 6	22 18	12 44	4 35	25 21	2 3	22 47	2 48	20 20	1 24	12 16	1 1	1 37	2 22	22 3	0 5	T 6
W 7	22 26	16 11	3 59	25 27	2 6	22 32	2 46	20 8	1 24	12 13	1 1	1 37	2 22	22 3	0 5	W 7
T 8	22 33	18 57	3 13	25 31	2 9	22 16	2 45	19 57	1 23	12 10	1 0	1 37	2 22	22 2	0 5	T 8
F 9	22 39	20 54	2 19	25 34	2 12	22 0	2 43	19 44	1 23	12 7	1 0	1 36	2 22	22 2	0 5	F 9
S 10	22 45	21 56	1 19	25 35	2 15	21 43	2 41	19 32	1 22	12 4	1 0	1 36	2 21	22 2	0 5	S 10
S 11	22 51	21 59	0 15	25 35	2 17	21 26	2 39	19 20	1 22	12 1	1 0	1 36	2 21	22 1	0 5	S 11
M12	22 56	21 4	0n50	25 34	2 19	21 8	2 37	19 7	1 21	11 58	1 0	1 35	2 21	22 1	0 5	M12
T 13	23 0	19 11	1 53	25 31	2 20	20 50	2 35	18 54	1 21	11 55	1 0	1 35	2 21	22 1	0 5	T 13
W14	23 4	16 25	2 53	25 27	2 21	20 31	2 32	18 41	1 20	11 52	1 0	1 34	2 21	22 1	0 4	W14
T 15	23 8	12 53	3 45	25 22	2 22	20 12	2 30	18 27	1 20	11 48	1 0	1 33	2 20	22 0	0 4	T 15
F 16	23 11	8 42	4 28	25 15	2 22	19 53	2 27	18 14	1 19	11 45	1 0	1 33	2 20	22 0	0 4	F 16
S 17	23 14	4 0	4 58	25 7	2 21	19 33	2 24	18 0	1 19	11 41	0 59	1 32	2 20	22 0	0 4	S 17
S 18	23 17	1s 1	5 14	24 58	2 20	19 13	2 20	17 46	1 18	11 38	0 59	1 31	2 20	21 59	0 4	S 18
M19	23 19	6 10	5 11	24 47	2 19	18 53	2 17	17 32	1 17	11 34	0 59	1 31	2 19	21 59	0 4	M19
T 20	23 20	11 9	4 50	24 35	2 16	18 32	2 13	17 18	1 17	11 31	0 59	1 30	2 19	21 59	0 4	T 20
W21	23 21	15 37	4 9	24 22	2 13	18 11	2 10	17 3	1 16	11 27	0 59	1 29	2 19	21 58	0 4	W21
T 22	23 21	19 10	3 9	24 7	2 10	17 50	2 6	16 49	1 16	11 24	0 59	1 28	2 19	21 58	0 4	T 22
F 23	23 21	21 25	1 56	23 52	2 5	17 28	2 1	16 34	1 15	11 20	0 59	1 27	2 19	21 58	0 4	F 23
S 24	23 21	22 5	0 35	23 35	2 0	17 6	1 57	16 19	1 15	11 16	0 59	1 26	2 18	21 57	0 4	S 24
S 25	23 20	21 9	0s48	23 18	1 53	16 44	1 52	16 4	1 14	11 12	0 59	1 25	2 18	21 57	0 4	S 25
M26	23 19	18 46	2 6	23 0	1 46	16 21	1 48	15 48	1 13	11 8	0 59	1 24	2 18	21 57	0 4	M26
T 27	23 17	15 17	3 14	22 41	1 38	15 59	1 43	15 33	1 13	11 5	0 59	1 23	2 18	21 56	0 4	T 27
W28	23 15	11 3	4 9	22 22	1 29	15 36	1 37	15 17	1 12	11 1	0 58	1 22	2 18	21 56	0 4	W28
T 29	23 12	6 25	4 48	22 3	1 18	15 13	1 32	15 1	1 11	10 57	0 58	1 21	2 17	21 56	0 4	T 29
F 30	23 9	1 37	5 10	21 43	1 6	14 49	1 26	14 46	1 11	10 53	0 58	1 20	2 17	21 56	0 4	F 30
S 31	23s 5	3n 6	5s17	21s24	0s54	14s26	1s20	14s29	1s10	10s49	0s58	1s18	2s17	21n55	0s 4	S 31

Julian Day Number = 2676137.5, Delta T = 21m11s

Ecliptic obliquity = 23°21'30, Nutation = - 0°00'17

Ayanamsha: Fagan/Bradley = 33°20'28, Lahiri = 32°27'28

## ASTRODIENST EPHEMERIS for the year 2615

JANUARY 2615

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 40 10	9°35'32	28°55	28°19	25°49	25°3	4°28	2°2	10°R47	8°38	27°R29	19°R58	20°27	26°II53	6°R41	S 1
M 2	6 44 6	10°36'36	15° 3	28°36	26°41	25°50	4°39	2° 5	10°II45	8°40	27°R29	19°R57	20°24	27° 0	6°R40	M 2
T 3	6 48 3	11°37'40	27° 1	28°R43	27°32	26°37	4°51	2° 8	10°43	8°41	27°28	19°55	20°21	27° 7	6°39	T 3
W 4	6 51 59	12°38'44	8°II53	28°39	28°23	27°24	5° 2	2°11	10°41	8°42	27°27	19°54	20°18	27°13	6°38	W 4
T 5	6 55 56	13°39'49	20°42	28°23	29°13	28°10	5°14	2°14	10°39	8°43	27°26	19°53	20°15	27°20	6°38	T 5
F 6	6 59 53	14°40'54	22°30	27°56	0°K 2	28°57	5°25	2°17	10°37	8°44	27°26	19°53	20°12	27°27	6°37	F 6
S 7	7 3 49	15°41'59	14°20	27°16	0°50	29°44	5°37	2°20	10°35	8°45	27°25	19°D52	20° 8	27°33	6°36	S 7
S 8	7 7 46	16°43'04	26°14	26°26	1°37	0°K31	5°49	2°24	10°33	8°47	27°24	19°52	20° 5	27°40	6°36	S 8
M 9	7 11 42	17°44'10	8°Ω14	25°25	2°23	1°18	6° 0	2°27	10°31	8°48	27°24	19°53	20° 2	27°47	6°35	M 9
T 10	7 15 39	18°45'15	20°22	24°16	3° 8	2° 5	6°12	2°31	10°29	8°49	27°23	19°53	19°59	27°53	6°35	T 10
W 11	7 19 35	19°46'22	2°Π40	23° 0	3°53	2°52	6°24	2°35	10°28	8°50	27°22	19°R53	19°56	28° 0	6°34	W 11
T 12	7 23 32	20°47'28	15°11	21°40	4°36	3°38	6°37	2°38	10°26	8°51	27°22	19°53	19°53	28° 7	6°34	T 12
F 13	7 27 28	21°48'35	27°56	20°18	5°18	4°25	6°49	2°42	10°24	8°52	27°21	19°53	19°49	28°13	6°34	F 13
S 14	7 31 25	22°49'42	10°Ω59	18°58	5°59	5°12	7° 1	2°46	10°22	8°53	27°21	19°52	19°46	28°20	6°34	S 14
S 15	7 35 22	23°50'49	24°22	17°41	6°39	5°59	7°13	2°50	10°21	8°53	27°20	19°D52	19°43	28°27	6°34	S 15
M 16	7 39 18	24°51'57	8°Π 7	16°30	7°17	6°46	7°26	2°54	10°19	8°54	27°19	19°52	19°40	28°33	6°33	M 16
T 17	7 43 15	25°53'05	22°15	15°27	7°54	7°33	7°38	2°58	10°18	8°55	27°19	19°53	19°37	28°40	6°D33	T 17
W 18	7 47 11	26°54'14	6°K43	14°33	8°30	8°20	7°51	3° 3	10°16	8°56	27°18	19°53	19°33	28°47	6°33	W 18
T 19	7 51 8	27°55'22	21°29	13°48	9° 4	9° 7	8° 4	3° 7	10°15	8°57	27°18	19°54	19°30	28°53	6°33	T 19
F 20	7 55 4	28°56'31	6°Z27	13°13	9°37	9°54	8°16	3°12	10°13	8°57	27°17	19°55	19°27	29° 0	6°34	F 20
S 21	7 59 1	29°57'39	21°30	12°48	10° 9	10°40	8°29	3°16	10°12	8°58	27°17	19°R55	19°24	29° 7	6°34	S 21
S 22	8 2 57	0°58'47	6°Ω29	12°33	10°39	11°27	8°42	3°21	10°10	8°59	27°17	19°54	19°21	29°13	6°34	S 22
M 23	8 6 54	1°59'55	21°15	12°D27	11° 7	12°14	8°55	3°25	10° 9	8°59	27°16	19°54	19°18	29°20	6°34	M 23
T 24	8 10 51	3° 1'03	5°K41	12°30	11°34	13° 1	9° 8	3°30	10° 8	9° 0	27°16	19°52	19°14	29°27	6°35	T 24
W 25	8 14 47	4° 2'10	19°43	12°40	11°59	13°48	9°21	3°35	10° 7	9° 0	27°15	19°50	19°11	29°33	6°35	W 25
T 26	8 18 44	5° 3'16	3°Y17	12°59	12°22	14°35	9°34	3°40	10° 6	9° 1	27°15	19°48	19° 8	29°40	6°36	T 26
F 27	8 22 40	6° 4'21	16°25	13°24	12°43	15°22	9°48	3°45	10° 4	9° 1	27°15	19°46	19° 5	29°47	6°36	F 27
S 28	8 26 37	7° 5'26	29° 9	13°55	13° 2	16° 9	10° 1	3°50	10° 3	9° 2	27°14	19°46	19° 2	29°53	6°37	S 28
S 29	8 30 33	8° 6'30	11°K32	14°32	13°19	16°55	10°14	3°55	10° 2	9° 2	27°14	19°D45	18°59	29°59	6°37	S 29
M 30	8 34 30	9° 7'34	23°39	15°14	13°34	17°42	10°28	4° 0	10° 1	9° 3	27°14	19°46	18°55	0°Ω 6	6°38	M 30
T 31	8 38 26	10°8'36	5°II35	16°Z 0	13°K47	18°K29	10°K41	4°Y 6	10°II 0	9°Π 3	27°R14	19°Ω47	18°Ω52	0°Ω13	6°R39	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	23s 1	7n36	5s 9	21s 5	0s40	14s 2	1s14	14s13	1s10	10s44	0s58	1s17	2s17	21n55	0s 4	12s46	1n39
M 2	22 56	11 43	4 47	20 46	0 24	13 39	1 8	13 57	1 9	10 40	0 58	1 16	2 17	21 55	0 4	12 46	1 39
T 3	22 51	15 19	4 13	20 29	0 8	13 15	1 1	13 40	1 8	10 36	0 58	1 15	2 16	21 54	0 4	12 47	1 39
W 4	22 46	18 16	3 29	20 12	0n 9	12 51	0 55	13 24	1 8	10 32	0 58	1 13	2 16	21 54	0 4	12 47	1 39
T 5	22 40	20 27	2 35	19 58	0 28	12 27	0 48	13 7	1 7	10 28	0 58	1 12	2 16	21 54	0 4	12 47	1 39
F 6	22 33	21 45	1 35	19 44	0 47	12 3	0 40	12 50	1 6	10 23	0 58	1 10	2 16	21 54	0 4	12 48	1 39
S 7	22 26	22 5	0 31	19 33	1 6	11 39	0 33	12 33	1 6	10 19	0 58	1 9	2 16	21 53	0 4	12 48	1 39
S 8	22 19	21 25	0n35	19 23	1 26	11 15	0 25	12 16	1 5	10 15	0 58	1 7	2 15	21 53	0 4	12 48	1 40
M 9	22 11	19 46	1 40	19 16	1 45	10 51	0 17	11 59	1 4	10 10	0 58	1 6	2 15	21 53	0 4	12 49	1 40
T 10	22 3	17 12	2 42	19 10	2 3	10 28	0 9	11 41	1 4	10 6	0 57	1 4	2 15	21 53	0 4	12 49	1 40
W 11	21 54	13 51	3 36	19 6	2 20	10 4	0 0	11 24	1 3	10 1	0 57	1 2	2 15	21 52	0 4	12 49	1 40
T 12	21 45	9 51	4 22	19 3	2 36	9 40	0n 8	11 6	1 2	9 57	0 57	1 1	2 15	21 52	0 4	12 49	1 40
F 13	21 36	5 20	4 55	19 3	2 49	9 16	0 17	10 49	1 2	9 52	0 57	0 59	2 14	21 52	0 4	12 50	1 40
S 14	21 26	0 29	5 14	19 3	3 0	8 53	0 27	10 31	1 1	9 48	0 57	0 57	2 14	21 52	0 4	12 50	1 40
S 15	21 16	4s30	5 17	19 5	3 8	8 29	0 36	10 13	1 0	9 43	0 57	0 56	2 14	21 51	0 4	12 50	1 40
M 16	21 5	9 24	5 2	19 8	3 14	8 6	0 46	9 55	1 0	9 38	0 57	0 54	2 14	21 51	0 4	12 50	1 40
T 17	20 54	13 56	4 29	19 12	3 17	7 43	0 56	9 37	0 59	9 34	0 57	0 52	2 14	21 51	0 4	12 51	1 40
W 18	20 42	17 47	3 38	19 17	3 18	7 20	1 6	9 19	0 58	9 29	0 57	0 50	2 13	21 51	0 4	12 51	1 40
T 19	20 30	20 34	2 32	19 23	3 17	6 57	1 17	9 1	0 57	9 24	0 57	0 48	2 13	21 51	0 4	12 51	1 40
F 20	20 18	21 58	1 14	19 29	3 14	6 35	1 27	8 43	0 57	9 19	0 57	0 46	2 13	21 50	0 4	12 51	1 40
S 21	20 5	21 48	0s 9	19 36	3 9	6 13	1 39	8 24	0 56	9 14	0 57	0 44	2 13	21 50	0 4	12 51	1 40
S 22	19 52	20 3	1 31	19 43	3 3	5 51	1 50	8 6	0 55	9 9	0 57	0 42	2 13	21 50	0 4	12 51	1 40
M 23	19 39	16 59	2 45	19 51	2 56	5 30	2 1	7 47	0 55	9 5	0 57	0 40	2 13	21 50	0 4	12 52	1 40
T 24	19 25	12 55	3 48	19 59	2 49	5 9	2 13	7 29	0 54	9 0	0 57	0 38	2 12	21 50	0 4	12 52	1 40
W 25	19 11	8 16	4 34	20 6	2 40	4 48	2 25	7 10	0 53	8 55	0 57	0 36	2 12	21 49	0 4	12 52	1 40
T 26	18 56	3 21	5 4	20 14	2 31	4 28	2 38	6 52	0 53	8 50	0 57	0 34	2 12	21 49	0 4	12 52	1 41
F 27	18 41	1n34	5 16	20 21	2 21	4 9	2 50	6 33	0 52	8 45	0 57	0 32	2 12	21 49	0 4	12 52	1 41
S 28	18 26	6 16	5 12	20 28	2 11	3 49	3 3	6 14	0 51	8 40	0 57	0 30	2 12	21 49	0 4	12 52	1 41
S 29	18 11	10 34	4 54	20 34	2 1	3 31	3 16	5 55	0 50	8 35	0 57	0 28	2 12	21 49	0 4	12 52	1 41
M 30	17 55	14 22	4 23	20 39	1 51	3 13	3 29	5 36	0 50	8 30	0 57	0 25	2 11	21 49	0 4	12 52	1 41
T 31	17s39	17n32	3s41	20s44	1n41	2s56	3n43	5s17	0s49	8s24	0s57	0s23	2s11	21n49	0s 4	12s52	1n41

Julian Day Number = 2676168.5, Delta T = 21m11s  
 Ecliptic obliquity = 23°21'30, Nutation = - 0°00'16  
 Ayanamsha: Fagan/Bradley = 33°20'33, Lahiri = 32°27'33

# ASTRODIENST EPHEMERIS for the year 2615

FEBRUARY 2615

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 42 23	11 <sup>h</sup> 38'38"	17 <sup>h</sup> 12'25"	16 <sup>h</sup> 35'50"	13 <sup>h</sup> 15'57"	19 <sup>h</sup> 11'16"	10 <sup>h</sup> 15'55"	4 <sup>h</sup> 11'11"	10 <sup>h</sup> 15'00"	9 <sup>h</sup> 11'03"	27 <sup>h</sup> 13'13"	19 <sup>h</sup> 26'49"	18 <sup>h</sup> 26'49"	0 <sup>h</sup> 26'20"	6 <sup>h</sup> 40'40"	W 1
T 2	8 46 20	12 <sup>h</sup> 10'39"	29 <sup>h</sup> 02'12"	17 <sup>h</sup> 45'45"	14 <sup>h</sup> 06'14"	20 <sup>h</sup> 03'20"	11 <sup>h</sup> 08'11"	4 <sup>h</sup> 16'16"	9 <sup>h</sup> 11'59"	9 <sup>h</sup> 04'42"	27 <sup>h</sup> 13'13"	19 <sup>h</sup> 26'51"	18 <sup>h</sup> 26'46"	0 <sup>h</sup> 26'26"	6 <sup>h</sup> 41'41"	T 2
F 3	8 50 16	13 <sup>h</sup> 11'39"	11 <sup>h</sup> 08'11"	18 <sup>h</sup> 42'14"	14 <sup>h</sup> 12'12"	20 <sup>h</sup> 49'21"	11 <sup>h</sup> 22'22"	4 <sup>h</sup> 22'22"	9 <sup>h</sup> 58'58"	9 <sup>h</sup> 04'27"	27 <sup>h</sup> 13'13"	19 <sup>h</sup> 26'52"	18 <sup>h</sup> 26'43"	0 <sup>h</sup> 33'33"	6 <sup>h</sup> 42'42"	F 3
S 4	8 54 13	14 <sup>h</sup> 12'38"	22 <sup>h</sup> 55'55"	19 <sup>h</sup> 43'43"	14 <sup>h</sup> 15'15"	21 <sup>h</sup> 36'36"	11 <sup>h</sup> 36'36"	4 <sup>h</sup> 28'28"	9 <sup>h</sup> 57'57"	9 <sup>h</sup> 04'27"	27 <sup>h</sup> 13'13"	19 <sup>h</sup> 26'52"	18 <sup>h</sup> 26'39"	0 <sup>h</sup> 40'40"	6 <sup>h</sup> 43'43"	S 4
S 5	8 58 9	15 <sup>h</sup> 13'36"	4 <sup>h</sup> 02'57"	20 <sup>h</sup> 46'46"	14 <sup>h</sup> 16'16"	22 <sup>h</sup> 23'23"	11 <sup>h</sup> 49'49"	4 <sup>h</sup> 33'33"	9 <sup>h</sup> 57'57"	9 <sup>h</sup> 04'27"	27 <sup>h</sup> 13'13"	19 <sup>h</sup> 26'51"	18 <sup>h</sup> 26'36"	0 <sup>h</sup> 46'46"	6 <sup>h</sup> 44'44"	S 5
M 6	9 2 6	16 <sup>h</sup> 14'34"	17 <sup>h</sup> 10'10"	21 <sup>h</sup> 52'52"	14 <sup>h</sup> 15'15"	23 <sup>h</sup> 09'09"	12 <sup>h</sup> 03'03"	4 <sup>h</sup> 39'39"	9 <sup>h</sup> 56'56"	9 <sup>h</sup> 04'27"	27 <sup>h</sup> 13'13"	19 <sup>h</sup> 26'49"	18 <sup>h</sup> 26'33"	0 <sup>h</sup> 53'53"	6 <sup>h</sup> 45'45"	M 6
T 7	9 6 2	17 <sup>h</sup> 15'30"	29 <sup>h</sup> 03'33"	23 <sup>h</sup> 00'00"	14 <sup>h</sup> 11'11"	23 <sup>h</sup> 56'56"	12 <sup>h</sup> 17'17"	4 <sup>h</sup> 45'45"	9 <sup>h</sup> 55'55"	9 <sup>h</sup> 05'27"	27 <sup>h</sup> 13'13"	19 <sup>h</sup> 26'45"	18 <sup>h</sup> 26'30"	1 <sup>h</sup> 00'00"	6 <sup>h</sup> 46'46"	T 7
W 8	9 9 59	18 <sup>h</sup> 16'26"	12 <sup>h</sup> 11'09"	24 <sup>h</sup> 10'10"	14 <sup>h</sup> 05'05"	24 <sup>h</sup> 43'43"	12 <sup>h</sup> 31'31"	4 <sup>h</sup> 50'50"	9 <sup>h</sup> 55'55"	9 <sup>h</sup> 05'27"	27 <sup>h</sup> 13'13"	19 <sup>h</sup> 26'41"	18 <sup>h</sup> 26'27"	1 <sup>h</sup> 06'06"	6 <sup>h</sup> 47'47"	W 8
T 9	9 13 55	19 <sup>h</sup> 17'21"	24 <sup>h</sup> 57'57"	25 <sup>h</sup> 22'22"	13 <sup>h</sup> 56'56"	25 <sup>h</sup> 29'29"	12 <sup>h</sup> 45'45"	4 <sup>h</sup> 56'56"	9 <sup>h</sup> 54'54"	9 <sup>h</sup> 05'27"	27 <sup>h</sup> 12'12"	19 <sup>h</sup> 26'36"	18 <sup>h</sup> 26'24"	1 <sup>h</sup> 13'13"	6 <sup>h</sup> 48'48"	T 9
F 10	9 17 52	20 <sup>h</sup> 18'16"	7 <sup>h</sup> 02'59"	26 <sup>h</sup> 36'36"	13 <sup>h</sup> 44'44"	26 <sup>h</sup> 16'16"	12 <sup>h</sup> 58'58"	5 <sup>h</sup> 02'02"	9 <sup>h</sup> 54'54"	9 <sup>h</sup> 05'27"	27 <sup>h</sup> 12'12"	19 <sup>h</sup> 26'31"	18 <sup>h</sup> 26'20"	1 <sup>h</sup> 20'20"	6 <sup>h</sup> 50'50"	F 10
S 11	9 21 49	21 <sup>h</sup> 19'09"	21 <sup>h</sup> 13'13"	27 <sup>h</sup> 51'51"	13 <sup>h</sup> 30'30"	27 <sup>h</sup> 03'03"	13 <sup>h</sup> 12'12"	5 <sup>h</sup> 08'08"	9 <sup>h</sup> 54'54"	9 <sup>h</sup> 05'27"	27 <sup>h</sup> 12'12"	19 <sup>h</sup> 26'26"	18 <sup>h</sup> 26'17"	1 <sup>h</sup> 26'26"	6 <sup>h</sup> 51'51"	S 11
S 12	9 25 45	22 <sup>h</sup> 20'02"	4 <sup>h</sup> 11'42"	29 <sup>h</sup> 08'08"	13 <sup>h</sup> 14'14"	27 <sup>h</sup> 49'49"	13 <sup>h</sup> 26'26"	5 <sup>h</sup> 14'14"	9 <sup>h</sup> 53'53"	9 <sup>h</sup> 05'27"	27 <sup>h</sup> 12'12"	19 <sup>h</sup> 26'23"	18 <sup>h</sup> 26'14"	1 <sup>h</sup> 33'33"	6 <sup>h</sup> 52'52"	S 12
M13	9 29 42	23 <sup>h</sup> 20'54"	18 <sup>h</sup> 24'24"	0 <sup>h</sup> 26'26"	12 <sup>h</sup> 55'55"	28 <sup>h</sup> 36'36"	13 <sup>h</sup> 40'40"	5 <sup>h</sup> 20'20"	9 <sup>h</sup> 53'53"	9 <sup>h</sup> 04'27"	27 <sup>h</sup> 13'13"	19 <sup>h</sup> 26'22"	18 <sup>h</sup> 26'11"	1 <sup>h</sup> 40'40"	6 <sup>h</sup> 54'54"	M13
T 14	9 33 38	24 <sup>h</sup> 21'45"	2 <sup>h</sup> 17'21"	1 <sup>h</sup> 46'46"	12 <sup>h</sup> 34'34"	29 <sup>h</sup> 22'22"	13 <sup>h</sup> 55'55"	5 <sup>h</sup> 27'27"	9 <sup>h</sup> 53'53"	9 <sup>h</sup> 04'27"	27 <sup>h</sup> 13'13"	19 <sup>h</sup> 26'22"	18 <sup>h</sup> 26'08"	1 <sup>h</sup> 46'46"	6 <sup>h</sup> 55'55"	T 14
W15	9 37 35	25 <sup>h</sup> 22'36"	16 <sup>h</sup> 31'31"	3 <sup>h</sup> 07'07"	12 <sup>h</sup> 11'11"	0 <sup>h</sup> 19'19"	14 <sup>h</sup> 09'09"	5 <sup>h</sup> 33'33"	9 <sup>h</sup> 53'53"	9 <sup>h</sup> 04'27"	27 <sup>h</sup> 13'13"	19 <sup>h</sup> 26'23"	18 <sup>h</sup> 26'05"	1 <sup>h</sup> 53'53"	6 <sup>h</sup> 57'57"	W15
T 16	9 41 31	26 <sup>h</sup> 23'26"	0 <sup>h</sup> 35'54"	4 <sup>h</sup> 29'29"	11 <sup>h</sup> 45'45"	0 <sup>h</sup> 55'55"	14 <sup>h</sup> 23'23"	5 <sup>h</sup> 39'39"	9 <sup>h</sup> 53'53"	9 <sup>h</sup> 04'27"	27 <sup>h</sup> 13'13"	19 <sup>h</sup> 26'25"	18 <sup>h</sup> 26'01"	2 <sup>h</sup> 00'00"	6 <sup>h</sup> 59'59"	T 16
F 17	9 45 28	27 <sup>h</sup> 24'15"	15 <sup>h</sup> 26'26"	5 <sup>h</sup> 52'52"	11 <sup>h</sup> 17'17"	1 <sup>h</sup> 42'42"	14 <sup>h</sup> 37'37"	5 <sup>h</sup> 45'45"	9 <sup>h</sup> 53'53"	9 <sup>h</sup> 04'27"	27 <sup>h</sup> 13'13"	19 <sup>h</sup> 26'26"	18 <sup>h</sup> 26'58"	2 <sup>h</sup> 06'06"	7 <sup>h</sup> 00'00"	F 17
S 18	9 49 24	28 <sup>h</sup> 25'03"	0 <sup>h</sup> 26'26"	7 <sup>h</sup> 16'16"	10 <sup>h</sup> 48'48"	2 <sup>h</sup> 28'28"	14 <sup>h</sup> 51'51"	5 <sup>h</sup> 52'52"	9 <sup>h</sup> 53'53"	9 <sup>h</sup> 04'27"	27 <sup>h</sup> 13'13"	19 <sup>h</sup> 26'26"	18 <sup>h</sup> 26'55"	2 <sup>h</sup> 13'13"	7 <sup>h</sup> 02'02"	S 18
S 19	9 53 21	29 <sup>h</sup> 25'51"	14 <sup>h</sup> 42'42"	8 <sup>h</sup> 41'41"	10 <sup>h</sup> 17'17"	3 <sup>h</sup> 15'15"	15 <sup>h</sup> 05'05"	5 <sup>h</sup> 58'58"	9 <sup>h</sup> 53'53"	9 <sup>h</sup> 03'27"	27 <sup>h</sup> 13'13"	19 <sup>h</sup> 26'23"	18 <sup>h</sup> 26'52"	2 <sup>h</sup> 20'20"	7 <sup>h</sup> 04'04"	S 19
M20	9 57 18	0 <sup>h</sup> 26'36"	29 <sup>h</sup> 13'13"	10 <sup>h</sup> 08'08"	9 <sup>h</sup> 44'44"	4 <sup>h</sup> 01'01"	15 <sup>h</sup> 20'20"	6 <sup>h</sup> 05'05"	9 <sup>h</sup> 53'53"	9 <sup>h</sup> 03'27"	27 <sup>h</sup> 13'13"	19 <sup>h</sup> 26'19"	18 <sup>h</sup> 26'49"	2 <sup>h</sup> 26'26"	7 <sup>h</sup> 06'06"	M20
T 21	10 1 14	1 <sup>h</sup> 27'21"	13 <sup>h</sup> 13'31"	11 <sup>h</sup> 35'35"	9 <sup>h</sup> 10'10"	4 <sup>h</sup> 47'47"	15 <sup>h</sup> 34'34"	6 <sup>h</sup> 11'11"	9 <sup>h</sup> 53'53"	9 <sup>h</sup> 03'27"	27 <sup>h</sup> 14'14"	19 <sup>h</sup> 26'13"	18 <sup>h</sup> 26'45"	2 <sup>h</sup> 33'33"	7 <sup>h</sup> 08'08"	T 21
W22	10 5 11	2 <sup>h</sup> 28'04"	27 <sup>h</sup> 31'31"	13 <sup>h</sup> 03'03"	8 <sup>h</sup> 35'35"	5 <sup>h</sup> 34'34"	15 <sup>h</sup> 48'48"	6 <sup>h</sup> 18'18"	9 <sup>h</sup> 53'53"	9 <sup>h</sup> 02'27"	27 <sup>h</sup> 14'14"	19 <sup>h</sup> 26'05"	18 <sup>h</sup> 26'42"	2 <sup>h</sup> 39'39"	7 <sup>h</sup> 10'10"	W22
T 23	10 9 7	3 <sup>h</sup> 28'46"	11 <sup>h</sup> 17'07"	14 <sup>h</sup> 32'32"	7 <sup>h</sup> 59'59"	6 <sup>h</sup> 20'20"	16 <sup>h</sup> 03'03"	6 <sup>h</sup> 24'24"	9 <sup>h</sup> 53'53"	9 <sup>h</sup> 02'27"	27 <sup>h</sup> 14'14"	18 <sup>h</sup> 26'58"	18 <sup>h</sup> 26'39"	2 <sup>h</sup> 46'46"	7 <sup>h</sup> 12'12"	T 23
F 24	10 13 4	4 <sup>h</sup> 29'26"	24 <sup>h</sup> 19'19"	16 <sup>h</sup> 03'03"	7 <sup>h</sup> 22'22"	7 <sup>h</sup> 06'06"	16 <sup>h</sup> 17'17"	6 <sup>h</sup> 31'31"	9 <sup>h</sup> 54'54"	9 <sup>h</sup> 01'27"	27 <sup>h</sup> 14'14"	18 <sup>h</sup> 26'51"	18 <sup>h</sup> 26'36"	2 <sup>h</sup> 53'53"	7 <sup>h</sup> 14'14"	F 24
S 25	10 17 0	5 <sup>h</sup> 30'05"	7 <sup>h</sup> 08'08"	17 <sup>h</sup> 34'34"	6 <sup>h</sup> 45'45"	7 <sup>h</sup> 52'52"	16 <sup>h</sup> 31'31"	6 <sup>h</sup> 38'38"	9 <sup>h</sup> 54'54"	9 <sup>h</sup> 01'27"	27 <sup>h</sup> 15'15"	18 <sup>h</sup> 26'45"	18 <sup>h</sup> 26'33"	2 <sup>h</sup> 59'59"	7 <sup>h</sup> 16'16"	S 25
S 26	10 20 57	6 <sup>h</sup> 30'42"	19 <sup>h</sup> 35'35"	19 <sup>h</sup> 05'05"	6 <sup>h</sup> 08'08"	8 <sup>h</sup> 39'39"	16 <sup>h</sup> 46'46"	6 <sup>h</sup> 44'44"	9 <sup>h</sup> 55'55"	9 <sup>h</sup> 00'27"	27 <sup>h</sup> 15'15"	18 <sup>h</sup> 26'41"	18 <sup>h</sup> 26'30"	3 <sup>h</sup> 06'06"	7 <sup>h</sup> 18'18"	S 26
M27	10 24 53	7 <sup>h</sup> 31'17"	1 <sup>h</sup> 11'44"	20 <sup>h</sup> 38'38"	5 <sup>h</sup> 30'30"	9 <sup>h</sup> 25'25"	17 <sup>h</sup> 00'00"	6 <sup>h</sup> 51'51"	9 <sup>h</sup> 55'55"	9 <sup>h</sup> 00'27"	27 <sup>h</sup> 15'15"	18 <sup>h</sup> 26'40"	18 <sup>h</sup> 26'26"	3 <sup>h</sup> 13'13"	7 <sup>h</sup> 20'20"	M27
T 28	10 28 50	8 <sup>h</sup> 31'51"	13 <sup>h</sup> 11'41"	22 <sup>h</sup> 22'22"	4 <sup>h</sup> 15'15"	10 <sup>h</sup> 11'11"	17 <sup>h</sup> 15'15"	6 <sup>h</sup> 58'58"	9 <sup>h</sup> 55'55"	8 <sup>h</sup> 15'59"	27 <sup>h</sup> 16'16"	18 <sup>h</sup> 26'40"	18 <sup>h</sup> 26'23"	3 <sup>h</sup> 21'21"	7 <sup>h</sup> 22'22"	T 28

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	17s22	19n57	2s50	20s48	1n30	2s39	3n56	4s58	0s48	8s19	0s56	0s21	2s11	21n49	0s 4	12s52	1n41	4n48	15s 3	21n54	22n 3	21n43	12n34	1s12			
T 2	17 5	21 30	1 52	20 52	1 20	2 23	4 10	4 39	0 47	8 14	0 56	0 19	2 11	21 48	0 4	12 52	1 41	4 48	15 2	21 54	22 3	21 44	12 34	1 12			
F 3	16 48	22 6	0 49	20 54	1 10	2 8	4 24	4 20	0 47	8 9	0 56	0 16	2 11	21 48	0 4	12 52	1 41	4 48	15 2	21 54	22 3	21 45	12 34	1 12			
S 4	16 31	21 42	0n17	20 56	1 0	1 54	4 38	4 1	0 46	8 4	0 56	0 14	2 11	21 48	0 4	12 52	1 41	4 49	15 2	21 54	22 4	21 46	12 35	1 12			
S 5	16 13	20 17	1 22	20 56	0 50	1 41	4 52	3 42	0 45	7 59	0 56	0 12	2 11	21 48	0 4	12 52	1 41	4 49	15 1	21 54	22 4	21 47	12 35	1 12			
M 6	15 55	17 56	2 25	20 56	0 40	1 28	5 6	3 23	0 44	7 53	0 56	0 9	2 10	21 48	0 4	12 52	1 41	4 49	15 1	21 54	22 5	21 47	12 35	1 12			
T 7	15 37	14 44	3 21	20 54	0 31	1 17	5 20	3 4	0 44	7 48	0 56	0 7	2 10	21 48	0 4	12 52	1 41	4 50	15 1	21 55	22 5	21 48	12 36	1 12			
W 8	15 18	10 49	4 9	20 51	0 21	1 6	5 34	2 45	0 43	7 43	0 56	0 5	2 10	21 48	0 4	12 52	1 41	4 50	15 0	21 55	22 6	21 49	12 36	1 12			
T 9	14 59	6 21	4 44	20 48	0 12	0 57	5 48	2 26	0 42	7 37	0 56	0 2	2 10	21 48	0 4	12 52	1 41	4 50	15 0	21 56	22 6	21 50	12 37	1 12			
F 10	14 40	1 33	5 6	20 43	0 3	0 48	6 2	2 7	0 41	7 32	0 56	0n 0	2 10	21 48	0 4	12 52	1 41	4 51	15 0	21 57	22 6	21 51	12 37	1 12			
S 11	14 21	3s25	5 12	20 37	0s 6	0 41	6 15	1 48	0 41	7 27	0 56	0 3	2 10	21 48	0 4	12 52	1 41	4 51	14 59	21 57	22 7	21 51	12 37	1 12			
S 12	14 1	8 18	5 2	20 30	0 14	0 35	6 29	1 29	0 40	7 21	0 56	0 5	2 10	21 48	0 4	12 52	1 42	4 51	14 59	21 58	22 7	21 52	12 38	1 12			
M13	13 41	12 52	4 34	20 21	0 22	0 30	6 42	1 9	0 39	7 16	0 56	0 8	2 10	21 48	0 4	12 52	1 42	4 52	14 59	21 58	22 8	21 53	12 38	1 12			
T 14	13 21	16 49	3 49	20 12	0 30	0 26	6 55	0 50	0 38	7 11	0 56	0 10	2 9	21 48	0 4	12 52	1 42	4 52	14 58	21 58	22 8	21 54	12 39	1 12			
W15	13 1	19 52	2 50	20 1	0 38	0 23	7 7	0 31	0 38	7 5	0 56	0 13	2 9	21 48	0 4	12 52	1 42	4 52	14 58	21 58	22 9	21 54	12 39	1 12			
T 16	12 41	21 42	1 39	19 49	0 45	0 22	7 19	0 12	0 37	7 0	0 56	0 15	2 9	21 48	0 4	12 52	1 42	4 53	14 58	21 58	22 9	21 55	12 40	1 12			
F 17	12 20	22 6	0 22	19 36	0 53	0 21	7 30	0n 7	0 36	6 54	0 56	0 18	2 9	21 48	0 4	12 52	1 42	4 53	14 57	21 57	22 9	21 56	12 40	1 12			
S 18	11 59	21 0	0s58	19 21	0 59	0 22	7 41	0 26	0 35	6 49	0 56	0 21	2 9	21 48	0 4	12 51	1 42	4 53	14 57	21 57	22 10	21 57	12 41	1 12			
S 19	11 38	18 29	2 13	19 5	1 6	0 25	7 51	0 45	0 35	6 43	0 56	0 23	2 9	21 48	0 4	12 51	1 42	4 54	14 57	21 58	22 10	21 57	12 42	1 12			
M20	11 17	14 49	3 19	18 49	1 12	0 28	8 0	1 4	0 34	6 38	0 56	0 26	2 9	21 48	0 4	12 51	1 42	4 54	14 56	21 58	22 11	21 58	12 42	1 12			
T 21	10 55	10 20	4 12	18 31	1 18	0 33	8 9	1 23	0 33	6 32	0 56	0 29	2 9	21 48	0 4	12 51	1 42	4 54	14 56	21 59	22 11	21 59	12 43	1 12			
W22	10 34	5 23	4 48	18 11	1 24	0 38	8 17	1 42	0 32	6 27	0 56	0 31	2 9	21 48	0 4	12 51	1 42	4 55	14 56	22 0	22 12	22 0	12 43	1 12			
T 23	10 12	0 19	5 6	17 51	1 30	0 45	8 24	2 1	0 32	6 21	0 56	0 34	2 9	21 48	0 4	12 51	1 42	4 55	14 55	22 1	22 12	22 0	12 44	1 12			
F 24	9 50	4n37	5 8	17 29	1 35	0 53	8 30	2 20	0 31	6 16	0 56	0 37	2 8	21 48	0 4	12 50	1 42	4 56	14 55	22 2	22 12	22 1	12 45	1 12			
S 25	9 28	9 13	4 53	17 6	1 40	1 1	8 35	2 39	0 30	6 10	0 56	0 39	2 8	21 48	0 4	12 50	1 42	4 56	14 55	22 3	22 13	22 2	12 45	1 12			
S 26	9 6	13 18	4 26	16 42	1 44	1 11	8 39	2 58	0 29	6 4	0 56	0 42	2 8	21 48	0 4	12 50	1 42	4 56	14 54	22 4	22 13	22 2	12 46	1 12			
M27	8 43	16 45	3 46	16 16	1 48	1 21	8 42	3 17	0 29	5 59	0 56	0 45	2 8	21 48	0 4	12 50	1 42	4 57	14 54	22 4	22 14	22 3	12 47	1 12			
T 28	8s21	19n26	2s58	15s50	1s52	1s33	8n44	3n35	0s28	5s53	0s56	0n48	2s 8	21n48	0s 4	12s49	1n42	4n57	14s54	22n 4	22n14	22n 4	12n47	1s12			



## ASTRODIENST EPHEMERIS for the year 2615

APRIL 2615

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 35 0	10°Y34'58	8°Ω59	20°Y27	1°X49	4°Ω27	24°X57	10°Y49	10°II39	8°R26	27°Ω38	16°R 2	15°Ω42	6°Ω52	8°Ω53	S 1
S 2	12 38 56	11°34'32	21°13	22°24	2°17	5°12	25°12	10°56	10°42	8°M24	27°39	15°Ω58	15°38	6°59	8°57	S 2
M 3	12 42 53	12°34'04	3°M44	24°20	2°47	5°56	25°26	11° 4	10°44	8°23	27°40	15°52	15°35	7° 5	9° 0	M 3
T 4	12 46 49	13°33'34	16°36	26°15	3°18	6°41	25°40	11°11	10°46	8°21	27°41	15°42	15°32	7°12	9° 3	T 4
W 5	12 50 46	14°33'02	29°50	28° 7	3°51	7°26	25°54	11°19	10°48	8°20	27°42	15°31	15°29	7°19	9° 7	W 5
T 6	12 54 42	15°32'28	13°Ω23	29°57	4°25	8°10	26° 8	11°26	10°51	8°19	27°43	15°18	15°26	7°25	9°10	T 6
F 7	12 58 39	16°31'51	27°14	1°Ω44	5° 1	8°55	26°22	11°33	10°53	8°17	27°44	15° 6	15°22	7°32	9°14	F 7
S 8	13 2 35	17°31'13	11°M18	3°27	5°38	9°39	26°36	11°41	10°55	8°16	27°45	14°55	15°19	7°39	9°17	S 8
S 9	13 6 32	18°30'33	25°31	5° 7	6°16	10°24	26°50	11°48	10°58	8°14	27°46	14°46	15°16	7°45	9°21	S 9
M10	13 10 29	19°29'51	9°X47	6°42	6°55	11° 8	27° 4	11°56	11° 0	8°13	27°47	14°40	15°13	7°52	9°24	M10
T 11	13 14 25	20°29'08	24° 2	8°13	7°36	11°52	27°18	12° 3	11° 3	8°11	27°48	14°37	15°10	7°58	9°28	T 11
W12	13 18 22	21°28'23	8°Ω14	9°39	8°17	12°37	27°32	12°10	11° 5	8° 9	27°49	14°36	15° 7	8° 5	9°31	W12
T 13	13 22 18	22°27'36	22°21	10°59	9° 0	13°21	27°46	12°18	11° 8	8° 8	27°50	14°36	15° 3	8°12	9°35	T 13
F 14	13 26 15	23°26'47	6°Ω22	12°15	9°43	14° 5	28° 0	12°25	11°10	8° 6	27°52	14°35	15° 0	8°18	9°38	F 14
S 15	13 30 11	24°25'56	20°17	13°24	10°28	14°49	28°14	12°32	11°13	8° 5	27°53	14°33	14°57	8°25	9°42	S 15
S 16	13 34 8	25°25'04	4°X 5	14°27	11°13	15°34	28°27	12°40	11°15	8° 3	27°54	14°29	14°54	8°32	9°46	S 16
M17	13 38 4	26°24'10	17°45	15°24	12° 0	16°18	28°41	12°47	11°18	8° 2	27°55	14°21	14°51	8°38	9°49	M17
T 18	13 42 1	27°23'14	1°Y15	16°15	12°47	17° 2	28°55	12°54	11°21	8° 0	27°56	14°11	14°47	8°45	9°53	T 18
W19	13 45 58	28°22'17	14°33	17° 0	13°35	17°46	29° 8	13° 2	11°24	7°58	27°57	13°59	14°44	8°52	9°57	W19
T 20	13 49 54	29°21'17	27°38	17°38	14°24	18°30	29°22	13° 9	11°26	7°57	27°59	13°47	14°41	8°58	10° 0	T 20
F 21	13 53 51	0°Ω20'15	10°Ω28	18° 9	15°13	19°13	29°35	13°16	11°29	7°55	28° 0	13°34	14°38	9° 5	10° 4	F 21
S 22	13 57 47	1°19'12	23° 2	18°34	16° 3	19°57	29°49	13°23	11°32	7°53	28° 1	13°24	14°35	9°12	10° 7	S 22
S 23	14 1 44	2°18'06	5°II21	18°52	16°54	20°41	0°Y 2	13°30	11°35	7°52	28° 2	13°16	14°32	9°18	10°11	S 23
M24	14 5 40	3°16'58	17°27	19° 3	17°46	21°25	0°16	13°38	11°38	7°50	28° 4	13°10	14°28	9°25	10°15	M24
T 25	14 9 37	4°15'48	29°23	19°R 8	18°38	22° 8	0°29	13°45	11°41	7°49	28° 5	13° 7	14°25	9°32	10°18	T 25
W26	14 13 33	5°14'36	11°Ω12	19° 7	19°31	22°52	0°42	13°52	11°44	7°47	28° 6	13°D 6	14°22	9°38	10°22	W26
T 27	14 17 30	6°13'22	22°59	19° 0	20°24	23°36	0°55	13°59	11°47	7°45	28° 7	13° 6	14°19	9°45	10°26	T 27
F 28	14 21 27	7°12'06	4°Ω50	18°47	21°18	24°19	1° 9	14° 6	11°50	7°44	28° 9	13°R 7	14°16	9°51	10°30	F 28
S 29	14 25 23	8°10'47	16°50	18°29	22°13	25° 3	1°22	14°13	11°53	7°42	28°10	13° 6	14°13	9°58	10°33	S 29
S 30	14 29 20	9°Ω 9'26	29°Ω 5	18°Ω 5	23°X 8	25°Ω46	1°Y35	14°Y20	11°II56	7°M40	28°Ω11	13°Ω 4	14°Ω 9	10°Ω 5	10°Ω37	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	4n11	19n51	1n58	7n53	0s 5	6s32	4n34	12n53	0s 5	2s53	0s58	2n19	2s 7	21n55	0s 3	12s38	1n44	5n11	14s44	22n24	22n26	22n23	13n16	1s13			
S 2	4 34	17 8	2 55	8 47	0n 6	6 32	4 23	13 9	0 4	2 48	0 58	2 22	2 7	21 55	0 3	12 37	1 44	5 11	14 44	22 24	22 27	22 24	13 17	1 13			
M 3	4 57	13 35	3 44	9 41	0 18	6 31	4 12	13 24	0 3	2 42	0 58	2 25	2 7	21 56	0 3	12 37	1 44	5 12	14 44	22 25	22 27	22 25	13 18	1 13			
T 4	5 20	9 19	4 23	10 34	0 30	6 30	4 2	13 40	0 2	2 37	0 58	2 27	2 7	21 56	0 3	12 36	1 44	5 12	14 44	22 26	22 27	22 25	13 19	1 13			
W 5	5 43	4 30	4 49	11 25	0 42	6 28	3 51	13 55	0 2	2 31	0 58	2 30	2 7	21 56	0 3	12 36	1 44	5 13	14 43	22 28	22 28	22 26	13 20	1 13			
T 6	6 6	0s39	5 0	12 15	0 54	6 25	3 41	14 10	0 1	2 26	0 58	2 33	2 7	21 57	0 3	12 35	1 44	5 13	14 43	22 29	22 28	22 26	13 21	1 13			
F 7	6 29	5 53	4 54	13 4	1 6	6 22	3 31	14 25	0 0	2 20	0 59	2 36	2 7	21 57	0 3	12 35	1 44	5 13	14 43	22 30	22 29	22 27	13 22	1 13			
S 8	6 51	10 54	4 30	13 50	1 17	6 18	3 21	14 40	0n 0	2 15	0 59	2 39	2 7	21 57	0 3	12 34	1 44	5 14	14 43	22 32	22 29	22 27	13 23	1 13			
S 9	7 14	15 22	3 48	14 35	1 29	6 13	3 11	14 54	0 1	2 9	0 59	2 42	2 7	21 58	0 3	12 34	1 44	5 14	14 42	22 33	22 29	22 28	13 24	1 13			
M10	7 36	18 59	2 53	15 17	1 40	6 8	3 1	15 9	0 2	2 4	0 59	2 45	2 8	21 58	0 3	12 33	1 44	5 15	14 42	22 33	22 30	22 28	13 25	1 13			
T 11	7 59	21 27	1 46	15 57	1 51	6 2	2 52	15 23	0 2	1 58	0 59	2 47	2 8	21 58	0 3	12 33	1 44	5 15	14 42	22 34	22 30	22 29	13 26	1 13			
W12	8 21	22 33	0 34	16 35	2 2	5 56	2 42	15 37	0 3	1 53	0 59	2 50	2 8	21 59	0 3	12 32	1 44	5 16	14 42	22 34	22 30	22 29	13 27	1 13			
T 13	8 43	22 11	0s41	17 10	2 12	5 48	2 33	15 51	0 4	1 47	0 59	2 53	2 8	21 59	0 3	12 32	1 44	5 16	14 42	22 34	22 31	22 29	13 28	1 13			
F 14	9 5	20 26	1 53	17 42	2 21	5 41	2 24	16 5	0 4	1 42	0 59	2 56	2 8	21 59	0 3	12 31	1 44	5 17	14 41	22 34	22 31	22 30	13 30	1 13			
S 15	9 26	17 28	2 57	18 11	2 30	5 33	2 14	16 19	0 5	1 37	0 59	2 59	2 8	22 0	0 3	12 31	1 44	5 17	14 41	22 34	22 31	22 30	13 31	1 13			
S 16	9 48	13 33	3 50	18 38	2 37	5 24	2 6	16 32	0 6	1 31	0 59	3 1	2 8	22 0	0 3	12 30	1 44	5 17	14 41	22 35	22 32	22 31	13 32	1 13			
M17	10 9	8 58	4 30	19 1	2 44	5 14	1 57	16 46	0 6	1 26	1 0	3 4	2 8	22 1	0 3	12 29	1 44	5 18	14 41	22 35	22 32	22 31	13 33	1 13			
T 18	10 31	4 0	4 54	19 21	2 50	5 4	1 48	16 59	0 7	1 21	1 0	3 7	2 8	22 1	0 3	12 29	1 44	5 18	14 41	22 36	22 32	22 32	13 34	1 14			
W19	10 52	1n 5	5 1	19 39	2 55	4 54	1 40	17 12	0 8	1 15	1 0	3 10	2 8	22 1	0 3	12 28	1 44	5 19	14 41	22 38	22 33	22 32	13 35	1 14			
T 20	11 12	6 2	4 53	19 53	2 58	4 43	1 31	17 24	0 8	1 10	1 0	3 12	2 8	22 2	0 3	12 28	1 44	5 19	14 40	22 39	22 33	22 33	13 36	1 14			
F 21	11 33	10 39	4 29	20 4	3 1	4 31	1 23	17 37	0 9	1 5	1 0	3 15	2 8	22 2	0 3	12 27	1 44	5 19	14 40	22 40	22 34	22 33	13 37	1 14			
S 22	11 54	14 43	3 53	20 12	3 2	4 19	1 15	17 50	0 10	1 0	1 0	3 18	2 8	22 3	0 3	12 27	1 44	5 20	14 40	22 41	22 34	22 33	13 38	1 14			
S 23	12 14	18 4	3 6	20 17	3 2	4 7	1 8	18 2	0 10	0 54	1 0	3 20	2 8	22 3	0 3	12 26	1 44	5 20	14 40	22 42	22 34	22 34	13 39	1 14			
M24	12 34	20 35	2 12	20 19	3 0	3 54	1 0	18 14	0 11	0 49	1 0	3 23	2 8	22 3	0 3	12 26	1 44	5 21	14 40	22 43	22 35	22 34	13 40	1 14			
T 25	12 54	22 9	1 12	20 17	2 57	3 41	0 52	18 26	0 12	0 44	1 1	3 26	2 9	22 4	0 3	12 25	1 44	5 21	14 40	22 43	22 35	22 35	13 41	1 14			
W26	13 14	22 43	0 10	20 13	2 53	3 27	0 45	18 38	0 12	0 39	1 1	3 28	2 9	22 4	0 3	12 25	1 44	5 21	14 39	22 43	22 35	22 35	13 43	1 14			
T 27	13 33	22 16	0n53	20 5	2 47	3 13	0 38	18 49	0 13	0 34	1 1	3 31	2 9	22 5	0 3	12 24	1 44	5 22	14 39	22 43	22 36	22 36	13 44	1 14			
F 28	13 52	20 50	1 53	19 55	2 40	2 58	0 31	19 0	0 14	0 29	1 1	3 34	2 9	22 5	0 3	12 24	1 44	5 22	14 39	22 43	22 36	22 36	13 45	1 14			
S 29	14 11	18 26	2 50	19 41	2 31	2 43	0 24	19 12	0 14	0 24	1 1	3 36	2 9	22 5	0 3	12 23	1 44	5 23	14 39	22 43	22 36	22 36	13 46	1 14			
S 30	14n30	15n11	3n40	19n25	2n21	2s28	0n17	19n23	0n15	0s19	1s 1	3n39	2s 9	22n 6	0s 3	12s23	1n44	5n23	14s39	22n43	22n37	22n37	13n47	1s14			

## ASTRODIENST EPHEMERIS for the year 2615

MAY 2615

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 33 16	10♈ 8'03	11♏ 38	17°R38	24♋ 3	26♊30	1♈47	14°V27	11♏59	7°R39	28♊12	13°R 0	14♏ 6	10♏11	10♊41	M 1
T 2	14 37 13	11° 6'38	24°34	17♋ 6	24°59	27°13	2° 0	14°34	12° 2	7♏37	28°14	12♏54	14° 3	10°18	10°44	T 2
W 3	14 41 9	12° 5'10	7♊56	16°31	25°56	27°56	2°13	14°41	12° 5	7°35	28°15	12°45	14° 0	10°25	10°48	W 3
T 4	14 45 6	13° 3'41	21°42	15°54	26°53	28°39	2°26	14°48	12° 8	7°34	28°16	12°36	13°57	10°31	10°52	T 4
F 5	14 49 2	14° 2'09	5♏51	15°15	27°50	29°23	2°38	14°54	12°11	7°32	28°18	12°26	13°53	10°38	10°55	F 5
S 6	14 52 59	15° 0'36	20°17	14°34	28°48	0♏ 6	2°51	15° 1	12°15	7°31	28°19	12°18	13°50	10°45	10°59	S 6
S 7	14 56 56	15°59'01	4♊55	13°54	29°46	0°49	3° 4	15° 8	12°18	7°29	28°20	12°11	13°47	10°51	11° 3	S 7
M 8	15 0 52	16°57'25	19°36	13°14	0°V45	1°32	3°16	15°15	12°21	7°27	28°22	12° 7	13°44	10°58	11° 7	M 8
T 9	15 4 49	17°55'46	4♊15	12°35	1°44	2°15	3°28	15°21	12°24	7°26	28°23	12° 5	13°41	11° 5	11°10	T 9
W10	15 8 45	18°54'07	18°46	11°57	2°44	2°58	3°41	15°28	12°28	7°24	28°24	12°D 5	13°38	11°11	11°14	W10
T 11	15 12 42	19°52'25	3♏ 5	11°22	3°43	3°41	3°53	15°34	12°31	7°22	28°26	12° 5	13°34	11°18	11°18	T 11
F 12	15 16 38	20°50'42	17°10	10°50	4°44	4°23	4° 5	15°41	12°34	7°21	28°27	12°R 6	13°31	11°24	11°21	F 12
S 13	15 20 35	21°48'58	1♋ 1	10°22	5°44	5° 6	4°17	15°48	12°38	7°19	28°28	12° 6	13°28	11°31	11°25	S 13
S 14	15 24 31	22°47'12	14°37	9°57	6°45	5°49	4°29	15°54	12°41	7°18	28°30	12° 4	13°25	11°38	11°29	S 14
M15	15 28 28	23°45'25	28° 0	9°36	7°46	6°32	4°41	16° 0	12°44	7°16	28°31	12° 0	13°22	11°44	11°32	M15
T 16	15 32 25	24°43'36	11♏ 9	9°20	8°48	7°14	4°53	16° 7	12°48	7°15	28°32	11°53	13°19	11°51	11°36	T 16
W17	15 36 21	25°41'46	24° 5	9° 8	9°49	7°57	5° 5	16°13	12°51	7°13	28°34	11°46	13°15	11°58	11°39	W17
T 18	15 40 18	26°39'54	6♊48	9° 1	10°51	8°39	5°16	16°19	12°54	7°12	28°35	11°38	13°12	12° 4	11°43	T 18
F 19	15 44 14	27°38'01	19°19	8°D58	11°54	9°22	5°28	16°26	12°58	7°10	28°36	11°30	13° 9	12°11	11°47	F 19
S 20	15 48 11	28°36'06	1♏38	9° 0	12°56	10° 4	5°39	16°32	13° 1	7° 9	28°38	11°23	13° 6	12°18	11°50	S 20
S 21	15 52 7	29°34'10	13°46	9° 7	13°59	10°47	5°51	16°38	13° 5	7° 7	28°39	11°18	13° 3	12°24	11°54	S 21
M22	15 56 4	0♏32'12	25°45	9°19	15° 2	11°29	6° 2	16°44	13° 8	7° 6	28°41	11°15	12°59	12°31	11°57	M22
T 23	16 0 0	1°30'12	7♊36	9°35	16° 5	12°11	6°13	16°50	13°12	7° 4	28°42	11°D13	12°56	12°38	12° 1	T 23
W24	16 3 57	2°28'11	19°24	9°55	17° 9	12°54	6°24	16°56	13°15	7° 3	28°43	11°14	12°53	12°44	12° 4	W24
T 25	16 7 54	3°26'08	1♏11	10°20	18°12	13°36	6°35	17° 2	13°18	7° 1	28°45	11°15	12°50	12°51	12° 8	T 25
F 26	16 11 50	4°24'03	13° 1	10°49	19°16	14°18	6°46	17° 8	13°22	7° 0	28°46	11°16	12°47	12°57	12°11	F 26
S 27	16 15 47	5°21'57	25° 1	11°22	20°21	15° 0	6°57	17°13	13°25	6°58	28°47	11°18	12°44	13° 4	12°15	S 27
S 28	16 19 43	6°19'49	7♏14	11°59	21°25	15°42	7° 7	17°19	13°29	6°57	28°49	11°R18	12°40	13°11	12°18	S 28
M29	16 23 40	7°17'39	19°46	12°40	22°29	16°24	7°18	17°25	13°32	6°56	28°50	11°18	12°37	13°17	12°22	M29
T 30	16 27 36	8°15'27	2♊40	13°24	23°34	17° 6	7°28	17°30	13°36	6°54	28°51	11°15	12°34	13°24	12°25	T 30
W31	16 31 33	9♏13'13	16♊ 0	14♊13	24♏39	17♏48	7♏39	17°V36	13♏39	6♏53	28♊53	11♏12	12♏31	13♏31	12♊29	W31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	14n48	11n12	4n21	19n 6	2n10	2s12	0n10	19n33	0n15	0s14	1s 1	3n41	2s 9	22n 6	0s 3	12s22	1n44	5n23	14s39	22n44	22n37	22n37	13n48	1s14			
T 2	15 7	6 35	4 49	18 45	1 57	1 55	0 4	19 44	0 16	0 9	1 1	3 44	2 9	22 7	0 3	12 22	1 44	5 24	14 39	22 44	22 37	22 37	13 49	1 14			
W 3	15 25	1 31	5 4	18 22	1 44	1 39	0s 2	19 54	0 17	0 4	1 2	3 47	2 9	22 7	0 3	12 21	1 44	5 24	14 39	22 45	22 38	22 38	13 50	1 14			
T 4	15 42	3s46	5 1	17 58	1 29	1 22	0 9	20 5	0 17	0n 1	1 2	3 49	2 9	22 7	0 3	12 20	1 44	5 25	14 38	22 46	22 38	22 38	13 51	1 15			
F 5	16 0	9 1	4 40	17 31	1 13	1 5	0 15	20 14	0 18	0 6	1 2	3 52	2 10	22 8	0 3	12 20	1 44	5 25	14 38	22 47	22 38	22 39	13 52	1 15			
S 6	16 17	13 53	4 1	17 4	0 57	0 47	0 20	20 24	0 19	0 11	1 2	3 54	2 10	22 8	0 3	12 19	1 44	5 25	14 38	22 48	22 39	22 39	13 53	1 15			
S 7	16 34	18 0	3 6	16 36	0 40	0 29	0 26	20 34	0 19	0 16	1 2	3 57	2 10	22 9	0 3	12 19	1 44	5 26	14 38	22 48	22 39	22 39	13 54	1 15			
M 8	16 51	21 0	1 58	16 7	0 23	0 11	0 32	20 43	0 20	0 20	1 2	3 59	2 10	22 9	0 3	12 18	1 44	5 26	14 38	22 49	22 39	22 40	13 55	1 15			
T 9	17 7	22 36	0 42	15 39	0 6	0n 7	0 37	20 52	0 20	0 25	1 3	4 1	2 10	22 10	0 3	12 18	1 44	5 26	14 38	22 49	22 40	22 40	13 57	1 15			
W10	17 23	22 39	0s36	15 11	0s12	0 26	0 42	21 1	0 21	0 30	1 3	4 4	2 10	22 10	0 3	12 17	1 44	5 27	14 38	22 49	22 40	22 40	13 58	1 15			
T 11	17 39	21 12	1 51	14 44	0 29	0 45	0 47	21 10	0 22	0 35	1 3	4 6	2 10	22 10	0 3	12 17	1 44	5 27	14 38	22 49	22 40	22 41	13 59	1 15			
F 12	17 54	18 27	2 57	14 18	0 46	1 4	0 52	21 19	0 22	0 39	1 3	4 9	2 11	22 11	0 3	12 16	1 44	5 27	14 38	22 49	22 40	22 41	14 0	1 15			
S 13	18 10	14 42	3 53	13 54	1 2	1 24	0 57	21 27	0 23	0 44	1 3	4 11	2 11	22 11	0 3	12 16	1 44	5 28	14 38	22 49	22 41	22 41	14 1	1 15			
S 14	18 24	10 15	4 34	13 31	1 18	1 43	1 2	21 35	0 23	0 48	1 3	4 13	2 11	22 12	0 3	12 15	1 44	5 28	14 38	22 49	22 41	22 41	14 2	1 15			
M15	18 39	5 22	4 59	13 10	1 33	2 3	1 6	21 43	0 24	0 53	1 4	4 16	2 11	22 12	0 3	12 15	1 44	5 28	14 38	22 49	22 41	22 42	14 3	1 15			
T 16	18 53	0 20	5 8	12 51	1 47	2 23	1 11	21 51	0 24	0 57	1 4	4 18	2 11	22 13	0 3	12 14	1 44	5 29	14 37	22 50	22 42	22 42	14 4	1 15			
W17	19 7	4n38	5 1	12 35	2 1	2 44	1 15	21 58	0 25	1 2	1 4	4 20	2 11	22 13	0 3	12 14	1 44	5 29	14 37	22 50	22 42	22 42	14 5	1 16			
T 18	19 21	9 20	4 39	12 20	2 14	3 4	1 19	22 6	0 26	1 6	1 4	4 22	2 11	22 14	0 3	12 13	1 44	5 29	14 37	22 51	22 42	22 43	14 6	1 16			
F 19	19 34	13 35	4 4	12 9	2 25	3 25	1 23	22 13	0 26	1 11	1 4	4 25	2 12	22 14	0 3	12 13	1 44	5 30	14 37	22 52	22 43	22 43	14 7	1 16			
S 20	19 47	17 11	3 18	11 59	2 36	3 46	1 27	22 20	0 27	1 15	1 4	4 27	2 12	22 14	0 3	12 12	1 44	5 30	14 37	22 52	22 43	22 43	14 8	1 16			
S 21	19 59	20 0	2 24	11 52	2 46	4 6	1 30	22 26	0 27	1 19	1 5	4 29	2 12	22 15	0 3	12 12	1 44	5 30	14 37	22 53	22 43	22 43	14 9	1 16			
M22	20 12	21 54	1 23	11 47	2 55	4 27	1 34	22 33	0 28	1 24	1 5	4 31	2 12	22 15	0 3	12 12	1 44	5 30	14 37	22 53	22 44	22 44	14 10	1 16			
T 23	20 24	22 49	0 20	11 45	3 2	4 49	1 37	22 39	0 28	1 28	1 5	4 33	2 12	22 16	0 3	12 11	1 44	5 31	14 37	22 53	22 44	22 44	14 11	1 16			
W24	20 35	22 42	0n44	11 44	3 9	5 10	1 41	22 45	0 29	1 32	1 5	4 35	2 12	22 16	0 3	12 11	1 44	5 31	14 37	22 53	22 44	22 44	14 12	1 16			
T 25	20 46	21 34	1 47	11 46	3 15	5 31	1 44	22 51	0 30	1 36	1 5	4 38	2 13	22 17	0 3	12 10	1 44	5 31	14 37	22 53	22 45	22 45	14 13	1 16			
F 26	20 57	19 29	2 45	11 51	3 20	5 52	1 47	22 56	0 30	1 40	1 6	4 40	2 13	22 17	0 3	12 10	1 44	5 32	14 37	22 53	22 45	22 45	14 14	1 16			
S 27	21 7	16 32	3 37	11 57	3 24	6 14	1 49	23 2	0 31	1 44	1 6	4 42	2 13	22 17	0 3	12 9	1 44	5 32	14 37	22 53	22 45	22 45	14 15	1 16			
S 28	21 18	12 50	4 19	12 5	3 28	6 35	1 52	23 7	0 31	1 48	1 6	4 44	2 13	22 18	0 3	12 9	1 44	5 32	14 37	22 53	22 45	22 45	14 16	1 17			
M29	21 27	8 30	4 51	12 15	3 30	6 57	1 55	23 12	0 32	1 52	1 6	4 46	2 13	22 18	0 3	12 9	1 44	5 32	14 37	22 53	22 46	22 45	14 17	1 17			
T 30	21 37	3 41	5 9	12 27	3 32	7 18	1 57	23 16	0 32	1 56	1 6	4 48	2 13	22 19	0 3	12 8	1 44	5 33	14 37	22 53	22 46	22 46	14 18	1 17			
W31	21n46	1s28	5n12	12n40	3s32	7n40	1s59	23n21	0n33	2n 0	1s 6	4n50	2s14	22n19	0s 3	12s 8	1n44	5n33	14s37	22n53	22n46	22n46	14n19	1s17			

## ASTRODIENST EPHEMERIS for the year 2615

JUNE 2615

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 35 29	10 <sup>11</sup> 10'59	29 <sup>24</sup> 48	15 <sup>18</sup> 4	25 <sup>17</sup> 44	18 <sup>11</sup> 30	7 <sup>17</sup> 49	17 <sup>17</sup> 41	13 <sup>11</sup> 43	6 <sup>18</sup> 52	28 <sup>18</sup> 54	11 <sup>10</sup> R 8	12 <sup>12</sup> 28	13 <sup>13</sup> 37	12 <sup>18</sup> 32	T 1
F 2	16 39 26	11° 8'42	14 <sup>11</sup> 11	15°59	26°49	19°12	7°59	17°47	13°46	6 <sup>11</sup> 50	28°55	11 <sup>11</sup> 3	12°25	13°44	12°35	F 2
S 3	16 43 23	12° 6'24	28°39	16°58	27°55	19°54	8° 9	17°52	13°50	6°49	28°57	10°59	12°21	13°51	12°39	S 3
S 4	16 47 19	13° 4'05	13 <sup>17</sup> 32	17°59	29° 0	20°35	8°19	17°58	13°53	6°48	28°58	10°56	12°18	13°57	12°42	S 4
M 5	16 51 16	14° 1'45	28°33	19° 4	0 <sup>18</sup> 6	21°17	8°29	18° 3	13°57	6°47	28°59	10°54	12°15	14° 4	12°45	M 5
T 6	16 55 12	14°59'23	13 <sup>13</sup> 34	20°11	1°12	21°59	8°38	18° 8	14° 0	6°45	29° 1	10°D54	12°12	14°11	12°49	T 6
W 7	16 59 9	15°57'01	28°26	21°22	2°18	22°40	8°48	18°13	14° 4	6°44	29° 2	10°55	12° 9	14°17	12°52	W 7
T 8	17 3 5	16°54'37	13 <sup>13</sup> 3	22°35	3°24	23°22	8°57	18°18	14° 7	6°43	29° 3	10°56	12° 5	14°24	12°55	T 8
F 9	17 7 2	17°52'13	27°22	23°51	4°31	24° 3	9° 7	18°23	14°11	6°42	29° 5	10°57	12° 2	14°31	12°58	F 9
S 10	17 10 59	18°49'48	11 <sup>11</sup> 19	25°10	5°37	24°45	9°16	18°28	14°14	6°41	29° 6	10°58	11°59	14°37	13° 1	S 10
S 11	17 14 55	19°47'21	24°55	26°32	6°44	25°26	9°25	18°33	14°18	6°40	29° 7	10°R58	11°56	14°44	13° 5	S 11
M12	17 18 52	20°44'54	8 <sup>17</sup> 11	27°56	7°51	26° 8	9°34	18°37	14°21	6°38	29° 8	10°58	11°53	14°50	13° 8	M12
T 13	17 22 48	21°42'27	21° 8	29°23	8°58	26°49	9°43	18°42	14°25	6°37	29°10	10°56	11°50	14°57	13°11	T 13
W14	17 26 45	22°39'58	3 <sup>18</sup> 49	0 <sup>11</sup> 53	10° 5	27°30	9°51	18°47	14°28	6°36	29°11	10°53	11°46	15° 4	13°14	W14
T 15	17 30 41	23°37'29	16°16	2°26	11°12	28°12	10° 0	18°51	14°32	6°35	29°12	10°51	11°43	15°10	13°17	T 15
F 16	17 34 38	24°34'59	28°30	4° 1	12°19	28°53	10° 8	18°56	14°35	6°34	29°13	10°48	11°40	15°17	13°20	F 16
S 17	17 38 34	25°32'28	10 <sup>11</sup> 36	5°38	13°27	29°34	10°17	19° 0	14°39	6°33	29°15	10°46	11°37	15°24	13°23	S 17
S 18	17 42 31	26°29'56	22°33	7°19	14°34	0 <sup>12</sup> 15	10°25	19° 4	14°42	6°33	29°16	10°45	11°34	15°30	13°26	S 18
M19	17 46 28	27°27'24	4 <sup>12</sup> 24	9° 1	15°42	0°56	10°33	19° 9	14°46	6°32	29°17	10°44	11°31	15°37	13°29	M19
T 20	17 50 24	28°24'50	16°12	10°47	16°50	1°37	10°41	19°13	14°49	6°31	29°18	10°D44	11°27	15°44	13°32	T 20
W21	17 54 21	29°22'16	27°59	12°35	17°58	2°18	10°48	19°17	14°53	6°30	29°20	10°45	11°24	15°50	13°34	W21
T 22	17 58 17	0 <sup>12</sup> 19'41	9 <sup>12</sup> 47	14°25	19° 6	2°59	10°56	19°21	14°56	6°29	29°21	10°45	11°21	15°57	13°37	T 22
F 23	18 2 14	1°17'05	21°41	16°18	20°14	3°40	11° 3	19°25	14°59	6°28	29°22	10°46	11°18	16° 4	13°40	F 23
S 24	18 6 10	2°14'28	3 <sup>11</sup> 42	18°13	21°22	4°21	11°11	19°28	15° 3	6°27	29°23	10°47	11°15	16°10	13°43	S 24
S 25	18 10 7	3°11'50	15°56	20°11	22°30	5° 2	11°18	19°32	15° 6	6°27	29°24	10°48	11°11	16°17	13°45	S 25
M26	18 14 3	4° 9'11	28°27	22°11	23°39	5°43	11°25	19°36	15°10	6°26	29°25	10°R48	11° 8	16°23	13°48	M26
T 27	18 18 0	5° 6'31	11 <sup>11</sup> 17	24°13	24°47	6°23	11°32	19°39	15°13	6°25	29°27	10°48	11° 5	16°30	13°51	T 27
W28	18 21 57	6° 3'50	24°32	26°16	25°56	7° 4	11°38	19°43	15°16	6°25	29°28	10°48	11° 2	16°37	13°53	W28
T 29	18 25 53	7° 1'08	8 <sup>11</sup> 13	28°22	27° 4	7°45	11°45	19°46	15°20	6°24	29°29	10°48	10°59	16°43	13°56	T 29
F 30	18 29 50	7 <sup>12</sup> 58'26	22 <sup>11</sup> 21	0 <sup>12</sup> 29	28 <sup>18</sup> 13	8 <sup>12</sup> 25	11 <sup>17</sup> 51	19 <sup>17</sup> 49	15 <sup>11</sup> 23	6 <sup>11</sup> 23	29 <sup>18</sup> 30	10 <sup>12</sup> 47	10 <sup>12</sup> 56	16 <sup>12</sup> 50	13 <sup>18</sup> 58	F 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	21n54	6s44	4n57	12n55	3s32	8n 1	2s 2	23n25	0n33	2n 4	1s 7	4n51	2s14	22n20	0s 3	12s 7
F 2	22 2	11 49	4 23	13 11	3 31	8 23	2 4	23 29	0 34	2 8	1 7	4 53	2 14	22 20	0 3	12 7
S 3	22 10	16 21	3 31	13 29	3 30	8 44	2 6	23 33	0 34	2 12	1 7	4 55	2 14	22 20	0 3	12 7
S 4	22 17	19 57	2 25	13 48	3 28	9 6	2 7	23 36	0 35	2 15	1 7	4 57	2 14	22 21	0 3	12 6
M 5	22 24	22 14	1 7	14 9	3 25	9 27	2 9	23 40	0 35	2 19	1 8	4 59	2 15	22 21	0 3	12 6
T 6	22 31	22 55	0s15	14 30	3 21	9 49	2 11	23 43	0 36	2 23	1 8	5 0	2 15	22 22	0 3	12 5
W 7	22 37	21 57	1 35	14 52	3 17	10 10	2 12	23 46	0 36	2 26	1 8	5 2	2 15	22 22	0 3	12 5
T 8	22 43	19 31	2 48	15 16	3 12	10 31	2 13	23 48	0 37	2 30	1 8	5 4	2 15	22 23	0 3	12 5
F 9	22 48	15 56	3 49	15 40	3 6	10 52	2 14	23 51	0 37	2 33	1 8	5 6	2 15	22 23	0 2	12 4
S 10	22 53	11 31	4 34	16 5	3 0	11 13	2 16	23 53	0 38	2 36	1 9	5 7	2 16	22 23	0 2	12 4
S 11	22 58	6 39	5 3	16 30	2 54	11 34	2 16	23 55	0 38	2 40	1 9	5 9	2 16	22 24	0 2	12 4
M12	23 2	1 36	5 15	16 56	2 46	11 55	2 17	23 57	0 39	2 43	1 9	5 10	2 16	22 24	0 2	12 3
T 13	23 6	3n25	5 11	17 22	2 39	12 15	2 18	23 59	0 39	2 46	1 9	5 12	2 16	22 25	0 2	12 3
W14	23 9	8 11	4 51	17 49	2 31	12 36	2 19	24 0	0 40	2 49	1 10	5 14	2 17	22 25	0 2	12 3
T 15	23 12	12 32	4 18	18 15	2 22	12 56	2 19	24 1	0 40	2 53	1 10	5 15	2 17	22 25	0 2	12 2
F 16	23 15	16 18	3 33	18 42	2 13	13 16	2 19	24 2	0 41	2 56	1 10	5 16	2 17	22 26	0 2	12 2
S 17	23 17	19 20	2 39	19 9	2 4	13 36	2 20	24 3	0 41	2 59	1 10	5 18	2 17	22 26	0 2	12 2
S 18	23 19	21 30	1 39	19 35	1 54	13 56	2 20	24 3	0 42	3 2	1 11	5 19	2 17	22 27	0 2	12 2
M19	23 20	22 42	0 35	20 1	1 44	14 15	2 20	24 3	0 42	3 5	1 11	5 21	2 18	22 27	0 2	12 1
T 20	23 21	22 53	0n30	20 27	1 33	14 34	2 20	24 4	0 43	3 7	1 11	5 22	2 18	22 28	0 2	12 1
W21	23 21	22 2	1 34	20 52	1 23	14 53	2 20	24 3	0 43	3 10	1 11	5 23	2 18	22 28	0 2	12 1
T 22	23 22	20 13	2 34	21 16	1 12	15 12	2 19	24 3	0 43	3 13	1 11	5 25	2 18	22 28	0 2	12 1
F 23	23 21	17 31	3 28	21 39	1 1	15 30	2 19	24 2	0 44	3 16	1 12	5 26	2 19	22 29	0 2	12 1
S 24	23 20	14 3	4 14	22 1	0 49	15 49	2 19	24 2	0 44	3 18	1 12	5 27	2 19	22 29	0 2	12 0
S 25	23 19	9 58	4 48	22 22	0 38	16 6	2 18	24 1	0 45	3 21	1 12	5 28	2 19	22 29	0 2	12 0
M26	23 18	5 22	5 10	22 41	0 27	16 24	2 17	23 59	0 45	3 23	1 12	5 29	2 19	22 30	0 2	12 0
T 27	23 16	0 26	5 18	22 58	0 16	16 41	2 17	23 58	0 46	3 26	1 13	5 30	2 20	22 30	0 2	12 0
W28	23 13	4s41	5 9	23 14	0 4	16 58	2 16	23 56	0 46	3 28	1 13	5 31	2 20	22 31	0 2	12 0
T 29	23 10	9 45	4 42	23 27	0n 7	17 15	2 15	23 55	0 47	3 30	1 13	5 33	2 20	22 31	0 2	11 59
F 30	23n 7	14s27	3n58	23n39	0n17	17n31	2s14	23n52	0n47	3n33	1s14	5n34	2s20	22n31	0s 2	11s59

Julian Day Number = 2676319.5, Delta T = 21m13s

Ecliptic obliquity = 23°21'31", Nutation = - 0°00'18"

Ayanamsha: Fagan/Bradley = 33°20'53", Lahiri = 32°27'53"

## ASTRODIENST EPHEMERIS for the year 2615

JULY 2615

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 33 46	8°55'43	6°54	2°38	29°22	9°6	11°57	19°52	15°26	6°23	29°31	10°R47	10°52	16°57	14°8	S 1
S 2	18 37 43	9°52'59	21°48	4°48	0°31	9°46	12° 3	19°56	15°30	6°22	29°32	10°47	10°49	17° 3	14° 3	S 2
M 3	18 41 39	10°50'15	6°55	6°58	1°40	10°27	12° 9	19°59	15°33	6°22	29°33	10°47	10°46	17°10	14° 6	M 3
T 4	18 45 36	11°47'30	22° 7	9° 9	2°49	11° 7	12°15	20° 2	15°36	6°21	29°34	10°47	10°43	17°17	14° 8	T 4
W 5	18 49 32	12°44'45	7°14	11°21	3°58	11°48	12°20	20° 4	15°39	6°21	29°35	10°47	10°40	17°23	14°10	W 5
T 6	18 53 29	13°42'00	22° 8	13°32	5° 7	12°28	12°26	20° 7	15°42	6°21	29°36	10°47	10°37	17°30	14°12	T 6
F 7	18 57 26	14°39'14	6°42	15°44	6°16	13° 8	12°31	20°10	15°46	6°20	29°37	10°46	10°33	17°37	14°15	F 7
S 8	19 1 22	15°36'28	20°51	17°54	7°26	13°49	12°36	20°12	15°49	6°20	29°38	10°46	10°30	17°43	14°17	S 8
S 9	19 5 19	16°33'43	4°34	20° 4	8°35	14°29	12°41	20°15	15°52	6°19	29°39	10°46	10°27	17°50	14°19	S 9
M10	19 9 15	17°30'57	17°51	22°13	9°45	15° 9	12°46	20°17	15°55	6°19	29°40	10°D45	10°24	17°57	14°21	M10
T 11	19 13 12	18°28'12	0°45	24°21	10°55	15°49	12°50	20°19	15°58	6°19	29°41	10°46	10°21	18° 3	14°23	T 11
W12	19 17 8	19°25'26	13°19	26°28	12° 4	16°29	12°55	20°22	16° 1	6°19	29°42	10°46	10°17	18°10	14°25	W12
T 13	19 21 5	20°22'41	25°37	28°33	13°14	17°10	12°59	20°24	16° 4	6°18	29°43	10°47	10°14	18°16	14°27	T 13
F 14	19 25 1	21°19'56	7°42	0°36	14°24	17°50	13° 3	20°26	16° 7	6°18	29°44	10°48	10°11	18°23	14°29	F 14
S 15	19 28 58	22°17'11	19°38	2°38	15°34	18°30	13° 7	20°28	16°10	6°18	29°45	10°49	10° 8	18°30	14°31	S 15
S 16	19 32 55	23°14'26	1°28	4°38	16°44	19°10	13°10	20°29	16°13	6°18	29°46	10°50	10° 5	18°36	14°33	S 16
M17	19 36 51	24°11'42	13°15	6°36	17°54	19°50	13°14	20°31	16°16	6°18	29°47	10°R50	10° 2	18°43	14°34	M17
T 18	19 40 48	25° 8'57	25° 2	8°32	19° 4	20°30	13°17	20°33	16°19	6°18	29°47	10°49	9°58	18°50	14°36	T 18
W19	19 44 44	26° 6'12	6°51	10°26	20°14	21° 9	13°20	20°34	16°22	6°D18	29°48	10°48	9°55	18°56	14°38	W19
T 20	19 48 41	27° 3'28	18°44	12°18	21°25	21°49	13°23	20°36	16°25	6°18	29°49	10°46	9°52	19° 3	14°39	T 20
F 21	19 52 37	28° 0'43	0°44	14° 9	22°35	22°29	13°26	20°37	16°28	6°18	29°50	10°44	9°49	19°10	14°41	F 21
S 22	19 56 34	28°57'59	12°53	15°57	23°45	23° 9	13°28	20°38	16°31	6°18	29°51	10°41	9°46	19°16	14°42	S 22
S 23	20 0 30	29°55'14	25°13	17°44	24°56	23°49	13°31	20°39	16°33	6°18	29°51	10°38	9°42	19°23	14°44	S 23
M24	20 4 27	0°52'29	7°47	19°28	26° 6	24°28	13°33	20°40	16°36	6°18	29°52	10°36	9°39	19°30	14°45	M24
T 25	20 8 24	1°49'44	20°38	21°11	27°17	25° 8	13°35	20°41	16°39	6°19	29°53	10°35	9°36	19°36	14°47	T 25
W26	20 12 20	2°47'00	3°48	22°51	28°28	25°48	13°36	20°42	16°42	6°19	29°54	10°D34	9°33	19°43	14°48	W26
T 27	20 16 17	3°44'15	17°21	24°30	29°38	26°27	13°38	20°42	16°44	6°19	29°54	10°35	9°30	19°50	14°49	T 27
F 28	20 20 13	4°41'31	1°18	26° 7	0°49	27° 7	13°39	20°43	16°47	6°19	29°55	10°36	9°27	19°56	14°51	F 28
S 29	20 24 10	5°38'46	15°38	27°42	2° 0	27°46	13°40	20°44	16°49	6°20	29°56	10°38	9°23	20° 3	14°52	S 29
S 30	20 28 6	6°36'02	0°20	29°14	3°11	28°26	13°41	20°44	16°52	6°20	29°56	10°39	9°20	20° 9	14°53	S 30
M31	20 32 3	7°33'18	15°18	0°45	4°22	29°25	13°42	20°44	16°54	6°20	29°57	10°R39	9°17	20°16	14°54	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	23n 4	18s28	2n58	23n48	0n28	17n47	2s13	23n50	0n47	3n35	1s14	5n34	2s21	22n32	0s 2	11s59	1n43	5n37	14s40	22n55	22n55	22n50	14n43	1s20			
S 2	23 0	21 23	1 44	23 54	0 38	18 2	2 12	23 48	0 48	3 37	1 14	5 35	2 21	22 32	0 2	11 59	1 43	5 38	14 41	22 55	22 55	22 50	14 43	1 21			
M 3	22 55	22 49	0 21	23 58	0 47	18 18	2 11	23 45	0 48	3 39	1 14	5 36	2 21	22 32	0 2	11 59	1 43	5 38	14 41	22 55	22 55	22 50	14 44	1 21			
T 4	22 50	22 35	1 s 3	23 59	0 56	18 32	2 9	23 42	0 49	3 41	1 15	5 37	2 21	22 33	0 2	11 59	1 43	5 38	14 41	22 55	22 56	22 50	14 44	1 21			
W 5	22 45	20 41	2 22	23 57	1 5	18 47	2 8	23 39	0 49	3 43	1 15	5 38	2 22	22 33	0 2	11 59	1 42	5 38	14 41	22 55	22 56	22 50	14 45	1 21			
T 6	22 39	17 24	3 30	23 52	1 12	19 1	2 6	23 36	0 50	3 45	1 15	5 39	2 22	22 33	0 2	11 59	1 42	5 38	14 41	22 55	22 56	22 50	14 45	1 21			
F 7	22 33	13 6	4 23	23 45	1 20	19 14	2 5	23 32	0 50	3 46	1 15	5 39	2 22	22 34	0 2	11 59	1 42	5 38	14 41	22 55	22 56	22 50	14 46	1 21			
S 8	22 27	8 12	4 59	23 35	1 26	19 27	2 3	23 29	0 50	3 48	1 16	5 40	2 22	22 34	0 2	11 58	1 42	5 38	14 42	22 55	22 57	22 50	14 46	1 21			
S 9	22 20	3 2	5 16	23 23	1 32	19 40	2 1	23 25	0 51	3 50	1 16	5 41	2 23	22 34	0 2	11 58	1 42	5 38	14 42	22 55	22 57	22 50	14 47	1 22			
M10	22 13	2n 7	5 15	23 8	1 37	19 52	2 0	23 21	0 51	3 51	1 16	5 42	2 23	22 35	0 2	11 58	1 42	5 38	14 42	22 55	22 57	22 50	14 47	1 22			
T 11	22 5	7 2	4 59	22 50	1 41	20 4	1 58	23 17	0 52	3 53	1 17	5 42	2 23	22 35	0 2	11 58	1 42	5 38	14 42	22 55	22 57	22 50	14 48	1 22			
W12	21 57	11 31	4 28	22 30	1 45	20 15	1 56	23 12	0 52	3 54	1 17	5 43	2 23	22 35	0 2	11 58	1 42	5 38	14 42	22 55	22 58	22 50	14 48	1 22			
T 13	21 49	15 27	3 46	22 8	1 47	20 26	1 54	23 8	0 52	3 56	1 17	5 43	2 24	22 36	0 2	11 58	1 42	5 38	14 43	22 55	22 58	22 50	14 49	1 22			
F 14	21 40	18 40	2 54	21 44	1 49	20 36	1 52	23 3	0 53	3 57	1 17	5 44	2 24	22 36	0 2	11 58	1 42	5 38	14 43	22 55	22 58	22 50	14 49	1 22			
S 15	21 31	21 3	1 55	21 18	1 51	20 46	1 50	22 58	0 53	3 58	1 18	5 44	2 24	22 36	0 2	11 58	1 42	5 38	14 43	22 55	22 58	22 50	14 50	1 22			
S 16	21 22	22 29	0 52	20 50	1 51	20 55	1 47	22 53	0 53	3 59	1 18	5 45	2 25	22 37	0 2	11 58	1 42	5 38	14 43	22 55	22 59	22 50	14 50	1 23			
M17	21 12	22 55	0n13	20 21	1 51	21 4	1 45	22 47	0 54	4 0	1 18	5 45	2 25	22 37	0 2	11 58	1 42	5 38	14 43	22 55	22 59	22 50	14 50	1 23			
T 18	21 2	22 20	1 18	19 50	1 50	21 12	1 43	22 42	0 54	4 1	1 18	5 45	2 25	22 37	0 2	11 58	1 42	5 37	14 44	22 55	22 59	22 50	14 51	1 23			
W19	20 51	20 45	2 19	19 18	1 49	21 20	1 41	22 36	0 55	4 2	1 19	5 46	2 25	22 38	0 2	11 58	1 42	5 37	14 44	22 55	22 59	22 50	14 51	1 23			
T 20	20 41	18 15	3 15	18 45	1 46	21 27	1 38	22 30	0 55	4 3	1 19	5 46	2 26	22 38	0 2	11 58	1 42	5 37	14 44	22 55	23 0	22 50	14 51	1 23			
F 21	20 29	14 57	4 2	18 11	1 44	21 33	1 36	22 24	0 55	4 4	1 19	5 46	2 26	22 38	0 2	11 59	1 42	5 37	14 44	22 56	23 0	22 49	14 52	1 23			
S 22	20 18	11 0	4 39	17 36	1 40	21 39	1 33	22 18	0 56	4 5	1 20	5 46	2 26	22 39	0 2	11 59	1 42	5 37	14 45	22 56	23 0	22 49	14 52	1 23			
S 23	20 6	6 33	5 4	17 0	1 36	21 45	1 31	22 11	0 56	4 5	1 20	5 46	2 26	22 39	0 2	11 59	1 42	5 37	14 45	22 56	23 0	22 49	14 52	1 24			
M24	19 54	1 45	5 15	16 23	1 32	21 50	1 28	22 5	0 56	4 6	1 20	5 47	2 27	22 39	0 2	11 59	1 41	5 37	14 45	22 56	23 1	22 49	14 53	1 24			
T 25	19 41	3s14	5 11	15 46	1 27	21 54	1 26	21 58	0 57	4 6	1 21	5 47	2 27	22 39	0 2	11 59	1 41	5 37	14 45	22 56	23 1	22 49	14 53	1 24			
W26	19 28	8 11	4 50	15 8	1 21	21 58	1 23	21 51	0 57	4 7	1 21	5 47	2 27	22 40	0 2	11 59	1 41	5 37	14 45	22 56	23 1	22 49	14 53	1 24			
T 27	19 15	12 54	4 13	14 30	1 15	22 1	1 20	21 44	0 57	4 7	1 21	5 47	2 28	22 40	0 2	11 59	1 41	5 37	14 46	22 56	23 1	22 49	14 53	1 24			
F 28	19 2	17 5	3 20	13 51	1 9	22 4	1 18	21 37	0 58	4 7	1 21	5 47	2 28	22 40	0 2	11 59	1 41	5 37	14 46	22 56	23 1	22 49	14 54	1 24			
S 29	18 48	20 23	2 13	13 12	1 2	22 6	1 15	21 29	0 58	4 7	1 22	5 47	2 28	22 40	0 2	11 59	1 41	5 37	14 46	22 56	23 2	22 49	14 54	1 24			
S 30	18 34	22 25	0 56	12 33	0 54	22 7	1 12	21 22	0 58	4 7	1 22	5 46	2 28	22 41	0 2	12 0	1 41	5 36	14 46	22 56	23 2	22 49	14 54	1 25			
M31	18n19	22s54	0s26	11n54	0n47	22n 8	1 s 9	21n14	0n59	4n 8	1s22	5n46	2s29	22n41	0s 2	12s 0	1n41	5n36	14s47	22n56	23n 2	22n48	14n54	1s25			



## ASTRODIENST EPHEMERIS for the year 2615

SEPTEMBER 2615

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 38 13	8 <sup>h</sup> 13'11"	23 <sup>h</sup> 31'	25°R 7	12 <sup>h</sup> 44	19 <sup>h</sup> 52	12°R25	20°R 1	17 <sup>h</sup> 54	6 <sup>h</sup> 49	0°R 7	9°R 2	7 <sup>h</sup> 35	23 <sup>h</sup> 49	15°R 0	F 1
S 2	22 42 9	9°10'57"	7 <sup>h</sup> 49	24 <sup>h</sup> 42	13°57	20°30	12°Y20	19°Y58	17°55	6°50	0°II 7	8 <sup>h</sup> 52	7°32	23°56	14°R59	S 2
S 3	22 46 6	10° 8'45"	21°42	24°12	15°10	21° 9	12°15	19°55	17°56	6°52	0° 6	8°44	7°29	24° 2	14°58	S 3
M 4	22 50 2	11° 6'35"	5 <sup>h</sup> 8	23°36	16°22	21°47	12° 9	19°52	17°57	6°53	0° 6	8°37	7°26	24° 9	14°57	M 4
T 5	22 53 59	12° 4'26"	18° 8	22°55	17°35	22°26	12° 3	19°49	17°58	6°54	0° 6	8°32	7°23	24°15	14°56	T 5
W 6	22 57 55	13° 2'19"	0 <sup>h</sup> 43	22°10	18°49	23° 4	11°57	19°46	17°59	6°56	0° 6	8°29	7°20	24°22	14°55	W 6
T 7	23 1 52	14° 0'14"	12°59	21°20	20° 2	23°42	11°51	19°43	18° 0	6°57	0° 6	8°D28	7°16	24°29	14°54	T 7
F 8	23 5 49	14°58'11"	25° 0	20°28	21°15	24°21	11°45	19°39	18° 1	6°59	0° 6	8°29	7°13	24°35	14°53	F 8
S 9	23 9 45	15°56'09"	6 <sup>h</sup> 51	19°33	22°28	24°59	11°38	19°36	18° 2	7° 0	0° 6	8°R29	7°10	24°42	14°52	S 9
S 10	23 13 42	16°54'09"	18°38	18°37	23°41	25°37	11°32	19°32	18° 3	7° 2	0° 5	8°29	7° 7	24°49	14°51	S 10
M11	23 17 38	17°52'11"	0 <sup>h</sup> 26	17°41	24°55	26°15	11°25	19°29	18° 3	7° 4	0° 5	8°26	7° 4	24°55	14°50	M11
T 12	23 21 35	18°50'15"	12°20	16°46	26° 8	26°54	11°18	19°25	18° 4	7° 5	0° 5	8°22	7° 0	25° 2	14°49	T 12
W13	23 25 31	19°48'21"	24°21	15°53	27°21	27°32	11°12	19°22	18° 5	7° 7	0° 5	8°14	6°57	25° 9	14°47	W13
T 14	23 29 28	20°46'28"	6 <sup>h</sup> 34	15° 3	28°35	28°10	11° 5	19°18	18° 5	7° 9	0° 4	8° 4	6°54	25°15	14°46	T 14
F 15	23 33 24	21°44'37"	19° 0	14°19	29°48	28°48	10°57	19°14	18° 6	7°10	0° 4	7°53	6°51	25°22	14°45	F 15
S 16	23 37 21	22°42'47"	1 <sup>h</sup> 38	13°40	1 <sup>h</sup> 2	29°26	10°50	19°10	18° 6	7°12	0° 4	7°40	6°48	25°29	14°43	S 16
S 17	23 41 17	23°40'59"	14°30	13° 8	2°15	0 <sup>h</sup> 5	10°43	19° 6	18° 6	7°14	0° 4	7°27	6°45	25°35	14°42	S 17
M18	23 45 14	24°39'13"	27°33	12°43	3°29	0°43	10°36	19° 2	18° 7	7°15	0° 3	7°16	6°41	25°42	14°40	M18
T 19	23 49 11	25°37'28"	10 <sup>h</sup> 49	12°26	4°43	1°21	10°28	18°58	18° 7	7°17	0° 3	7° 8	6°38	25°49	14°39	T 19
W20	23 53 7	26°35'45"	24°15	12°D18	5°56	1°59	10°21	18°54	18° 7	7°19	0° 2	7° 2	6°35	25°55	14°37	W20
T 21	23 57 4	27°34'04"	7 <sup>h</sup> 52	12°19	7°10	2°37	10°13	18°50	18° 7	7°21	0° 2	6°59	6°32	26° 2	14°35	T 21
F 22	0 1 0	28°32'24"	21°40	12°29	8°24	3°15	10° 5	18°46	18° 8	7°22	0° 1	6°57	6°29	26° 9	14°34	F 22
S 23	0 4 57	29°30'45"	5 <sup>h</sup> 39	12°49	9°38	3°53	9°58	18°41	18° 8	7°24	0° 1	6°57	6°25	26°15	14°32	S 23
S 24	0 8 53	0 <sup>h</sup> 29'08"	19°49	13°17	10°52	4°31	9°50	18°37	18°R 8	7°26	0° 1	6°57	6°22	26°22	14°30	S 24
M25	0 12 50	1°27'33"	4 <sup>h</sup> 8	13°54	12° 5	5° 8	9°42	18°33	18° 8	7°28	0° 0	6°55	6°19	26°28	14°28	M25
T 26	0 16 46	2°25'59"	18°37	14°39	13°19	5°46	9°34	18°28	18° 8	7°30	29°R59	6°51	6°16	26°35	14°26	T 26
W27	0 20 43	3°24'26"	3 <sup>h</sup> 8	15°33	14°33	6°24	9°26	18°24	18° 7	7°32	29°59	6°44	6°13	26°42	14°24	W27
T 28	0 24 40	4°22'56"	17°37	16°34	15°47	7° 2	9°18	18°20	18° 7	7°34	29°58	6°34	6°10	26°48	14°22	T 28
F 29	0 28 36	5°21'26"	1 <sup>h</sup> 57	17°42	17° 1	7°40	9°10	18°15	18° 7	7°36	29°58	6°23	6° 6	26°55	14°20	F 29
S 30	0 32 33	6°19'59"	16°Y 2	18 <sup>h</sup> 56	18 <sup>h</sup> 16	8 <sup>h</sup> 18	9°Y 2	18°Y11	18 <sup>h</sup> 7	7 <sup>h</sup> 38	29°R57	6°21	6° 3	27°R 2	14°R18	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	8n28	7s 4	4s54	2s12	4s31	17n18	0n23	15n53	1n 8	3n30	1s31	5n23	2s37	22n47	0s 2	12s11
S 2	8 6	1 35	5 5	2 6	4 35	17 0	0 25	15 41	1 8	3 28	1 31	5 21	2 37	22 47	0 2	12 11
S 3	7 44	3n50	4 57	1 57	4 37	16 41	0 28	15 29	1 8	3 25	1 31	5 20	2 37	22 47	0 2	12 12
M 4	7 23	8 54	4 33	1 44	4 38	16 22	0 30	15 17	1 9	3 23	1 31	5 19	2 37	22 47	0 2	12 12
T 5	7 1	13 24	3 55	1 27	4 38	16 2	0 33	15 5	1 9	3 21	1 32	5 17	2 38	22 47	0 2	12 13
W 6	6 39	17 11	3 7	1 7	4 35	15 42	0 35	14 52	1 9	3 18	1 32	5 16	2 38	22 47	0 2	12 13
T 7	6 16	20 6	2 12	0 44	4 31	15 21	0 38	14 40	1 9	3 15	1 32	5 15	2 38	22 47	0 2	12 14
F 8	5 54	22 5	1 11	0 18	4 25	15 0	0 40	14 27	1 10	3 13	1 32	5 13	2 38	22 48	0 2	12 14
S 9	5 32	23 2	0 9	0n10	4 18	14 39	0 43	14 15	1 10	3 10	1 32	5 12	2 38	22 48	0 2	12 15
S 10	5 9	22 57	0n54	0 41	4 8	14 17	0 45	14 2	1 10	3 8	1 32	5 10	2 39	22 48	0 2	12 15
M11	4 47	21 51	1 54	1 14	3 56	13 55	0 47	13 49	1 10	3 5	1 33	5 9	2 39	22 48	0 2	12 16
T 12	4 24	19 46	2 50	1 47	3 43	13 32	0 49	13 37	1 10	3 2	1 33	5 7	2 39	22 48	0 2	12 16
W13	4 1	16 47	3 38	2 21	3 28	13 9	0 52	13 24	1 11	2 59	1 33	5 6	2 39	22 48	0 2	12 17
T 14	3 39	13 3	4 17	2 55	3 11	12 46	0 54	13 11	1 11	2 56	1 33	5 4	2 39	22 48	0 2	12 17
F 15	3 16	8 43	4 45	3 29	2 54	12 22	0 56	12 58	1 11	2 53	1 33	5 3	2 39	22 48	0 2	12 18
S 16	2 53	3 56	4 59	4 0	2 36	11 58	0 58	12 45	1 11	2 51	1 33	5 1	2 40	22 48	0 2	12 19
S 17	2 30	1s 6	4 59	4 30	2 17	11 34	1 0	12 31	1 12	2 48	1 34	4 59	2 40	22 48	0 2	12 19
M18	2 7	6 10	4 43	4 57	1 57	11 9	1 2	12 18	1 12	2 45	1 34	4 58	2 40	22 48	0 2	12 20
T 19	1 44	11 2	4 11	5 22	1 38	10 44	1 3	12 5	1 12	2 42	1 34	4 56	2 40	22 48	0 2	12 20
W20	1 21	15 27	3 25	5 43	1 18	10 19	1 5	11 52	1 12	2 39	1 34	4 54	2 40	22 48	0 2	12 21
T 21	0 58	19 7	2 27	6 0	0 59	9 53	1 7	11 38	1 12	2 35	1 34	4 53	2 40	22 48	0 2	12 22
F 22	0 35	21 46	1 20	6 13	0 41	9 27	1 8	11 25	1 13	2 32	1 34	4 51	2 40	22 48	0 2	12 22
S 23	0 12	23 7	0 7	6 23	0 23	9 1	1 10	11 11	1 13	2 29	1 34	4 49	2 41	22 48	0 2	12 23
S 24	0s12	23 1	1s 8	6 27	0 6	8 34	1 12	10 57	1 13	2 26	1 34	4 48	2 41	22 48	0 2	12 24
M25	0 35	21 24	2 19	6 28	0n10	8 8	1 13	10 44	1 13	2 23	1 34	4 46	2 41	22 48	0 2	12 24
T 26	0 58	18 23	3 21	6 24	0 25	7 41	1 14	10 30	1 13	2 20	1 34	4 44	2 41	22 48	0 2	12 25
W27	1 21	14 13	4 11	6 17	0 39	7 14	1 16	10 16	1 13	2 17	1 34	4 42	2 41	22 48	0 2	12 25
T 28	1 44	9 14	4 44	6 5	0 51	6 46	1 17	10 2	1 14	2 14	1 35	4 41	2 41	22 48	0 2	12 26
F 29	2 7	3 49	5 0	5 49	1 3	6 19	1 18	9 49	1 14	2 10	1 35	4 39	2 41	22 48	0 2	12 27
S 30	2s30	1n44	4s56	5n29	1n13	5n51	1n19	9n35	1n14	2n 7	1s35	4n37	2s41	22n48	0s 2	12s27

Julian Day Number = 2676411.5, Delta T = 21m14s

Ecliptic obliquity = 23°21'33", Nutation = - 0°00'16"

Ayanamsha: Fagan/Bradley = 33°21'06", Lahiri = 32°28'06"









## ASTRODIENST EPHEMERIS for the year 2616

FEBRUARY 2616

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 41 26	10°54'28	17°52	21°36	23°36	22°6	10°Y 2	15°Y44	14°R18	11°M13	28°R10	0°R50	29°I29	10°L48	10°827	T 1
F 2	8 45 22	11°55'30	0°M26	23° 2	24°51	22°38	10°13	15°48	14°I17	11°13	28°810	0°548	29°26	10°55	10°28	F 2
S 3	8 49 19	12°56'30	13°18	24°29	26° 6	23°10	10°24	15°53	14°16	11°13	28°10	0°D47	29°23	11° 2	10°29	S 3
S 4	8 53 15	13°57'31	26°32	25°56	27°21	23°42	10°35	15°57	14°15	11°14	28°10	0°48	29°20	11° 8	10°29	S 4
M 5	8 57 12	14°58'31	10°X11	27°24	28°37	24°13	10°46	16° 2	14°14	11°14	28° 9	0°49	29°17	11°15	10°30	M 5
T 6	9 1 8	15°59'31	24°17	28°53	29°52	24°45	10°57	16° 7	14°13	11°14	28° 9	0°R50	29°13	11°22	10°31	T 6
W 7	9 5 5	17° 0'30	8°348	0°22	1°X 7	25°17	11° 8	16°12	14°12	11°14	28° 9	0°50	29°10	11°28	10°32	W 7
T 8	9 9 2	18° 1'29	23°43	1°53	2°22	25°48	11°20	16°17	14°12	11°14	28° 9	0°48	29° 7	11°35	10°33	T 8
F 9	9 12 58	19° 2'26	8°54	3°24	3°37	26°19	11°31	16°22	14°11	11°15	28° 9	0°44	29° 4	11°42	10°34	F 9
S 10	9 16 55	20° 3'23	24°12	4°56	4°53	26°51	11°43	16°27	14°10	11°15	28° 9	0°37	29° 1	11°48	10°35	S 10
S 11	9 20 51	21° 4'19	9°X26	6°28	6° 8	27°22	11°54	16°33	14°10	11°15	28° 9	0°29	28°58	11°55	10°36	S 11
M12	9 24 48	22° 5'14	24°25	8° 1	7°23	27°52	12° 6	16°38	14° 9	11°R15	28°D 9	0°21	28°54	12° 2	10°38	M12
T 13	9 28 44	23° 6'08	9°Y 1	9°35	8°38	28°23	12°18	16°43	14° 9	11°15	28° 9	0°13	28°51	12° 9	10°39	T 13
W14	9 32 41	24° 7'00	23° 9	11° 9	9°53	28°54	12°30	16°49	14° 8	11°15	28° 9	0° 7	28°48	12°15	10°40	W14
T 15	9 36 37	25° 7'51	6°B46	12°45	11° 8	29°24	12°42	16°54	14° 8	11°15	28° 9	0° 3	28°45	12°22	10°42	T 15
F 16	9 40 34	26° 8'41	19°55	14°21	12°23	29°55	12°54	17° 0	14° 7	11°14	28° 9	0° 1	28°42	12°29	10°43	F 16
S 17	9 44 31	27° 9'29	2°I39	15°57	13°38	0°X25	13° 6	17° 5	14° 7	11°14	28° 9	0°D 1	28°38	12°35	10°45	S 17
S 18	9 48 27	28°10'16	15° 2	17°35	14°53	0°55	13°19	17°11	14° 7	11°14	28° 9	0° 2	28°35	12°42	10°46	S 18
M19	9 52 24	29°11'01	27° 9	19°13	16° 8	1°25	13°31	17°17	14° 7	11°14	28°10	0°R 3	28°32	12°49	10°48	M19
T 20	9 56 20	0°X11'45	9°56	20°52	17°23	1°55	13°44	17°23	14° 7	11°14	28°10	0° 3	28°29	12°55	10°49	T 20
W21	10 0 17	1°12'28	20°56	22°32	18°38	2°24	13°56	17°29	14° 7	11°13	28°10	0° 0	28°26	13° 2	10°51	W21
T 22	10 4 13	2°13'09	2°L44	24°13	19°53	2°54	14° 9	17°35	14°D 7	11°13	28°10	29°I55	28°23	13° 9	10°53	T 22
F 23	10 8 10	3°13'49	14°33	25°54	21° 7	3°23	14°21	17°41	14° 7	11°13	28°10	29°47	28°19	13°15	10°55	F 23
S 24	10 12 6	4°14'27	26°25	27°37	22°22	3°52	14°34	17°47	14° 7	11°12	28°11	29°37	28°16	13°22	10°57	S 24
S 25	10 16 3	5°15'04	8°M22	29°20	23°37	4°21	14°47	17°53	14° 7	11°12	28°11	29°25	28°13	13°29	10°59	S 25
M26	10 20 0	6°15'39	20°26	1°X 4	24°52	4°50	15° 0	17°59	14° 7	11°11	28°11	29°12	28°10	13°35	11° 1	M26
T 27	10 23 56	7°16'13	2°B36	2°49	26° 7	5°18	15°13	18° 5	14° 7	11°11	28°11	28°59	28° 7	13°42	11° 3	T 27
W28	10 27 53	8°16'46	14°55	4°34	27°21	5°47	15°26	18°12	14° 8	11°10	28°12	28°47	28° 4	13°49	11° 5	W28
T 29	10 31 49	9°X17'17	27°B23	6°X21	28°X36	6°X15	15°Y39	18°Y18	14°I 8	11°M10	28°B12	28°I38	28°I 0	13°L55	11°B 7	T 29

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	17s26	2s25	4n57	22s 7	0s29	15s 0	1s28	17s 2	1n14	2n53	1s10	4n 0	2s21	22n26	0s 0	13s32	1n41	5n 7	14s55	23n21	23n21	20n44	13n20	1s39			
F 2	17 9	7 22	4 30	22 0	0 36	14 35	1 29	17 11	1 14	2 58	1 10	4 4	2 21	22 26	0 0	13 32	1 42	5 7	14 55	23 21	23 21	20 43	13 20	1 39			
S 3	16 52	12 8	3 49	21 52	0 43	14 10	1 29	17 19	1 13	3 2	1 10	4 4	2 20	22 26	0 0	13 32	1 42	5 8	14 54	23 21	23 21	20 42	13 21	1 39			
S 4	16 35	16 29	2 55	21 43	0 50	13 45	1 29	17 27	1 13	3 7	1 9	4 6	2 20	22 26	0 0	13 32	1 42	5 8	14 54	23 21	23 21	20 41	13 21	1 39			
M 5	16 17	20 6	1 50	21 32	0 57	13 19	1 30	17 35	1 13	3 11	1 9	4 8	2 20	22 26	0 0	13 32	1 42	5 8	14 54	23 21	23 21	20 39	13 21	1 39			
T 6	15 59	22 39	0 35	21 21	1 3	12 53	1 30	17 43	1 12	3 16	1 9	4 10	2 20	22 25	0 0	13 32	1 42	5 9	14 53	23 21	23 21	20 38	13 22	1 39			
W 7	15 41	23 47	0s43	21 8	1 9	12 27	1 30	17 51	1 12	3 20	1 9	4 12	2 20	22 25	0 0	13 32	1 42	5 9	14 53	23 21	23 21	20 37	13 22	1 39			
T 8	15 23	23 16	2 0	20 54	1 15	12 0	1 31	17 59	1 12	3 25	1 9	4 14	2 19	22 25	0 0	13 32	1 42	5 9	14 53	23 21	23 21	20 36	13 22	1 39			
F 9	15 4	21 2	3 11	20 38	1 21	11 33	1 31	18 6	1 11	3 29	1 9	4 16	2 19	22 25	0 0	13 32	1 42	5 9	14 52	23 21	23 21	20 34	13 23	1 39			
S 10	14 45	17 18	4 7	20 22	1 26	11 6	1 31	18 14	1 11	3 34	1 8	4 18	2 19	22 25	0 0	13 32	1 42	5 10	14 52	23 21	23 21	20 33	13 23	1 39			
S 11	14 26	12 26	4 46	20 4	1 31	10 38	1 31	18 21	1 11	3 39	1 8	4 21	2 19	22 25	0 0	13 32	1 42	5 10	14 52	23 22	23 21	20 32	13 23	1 39			
M12	14 6	6 53	5 5	19 44	1 36	10 10	1 31	18 29	1 10	3 43	1 8	4 23	2 19	22 25	0 0	13 32	1 42	5 10	14 51	23 22	23 21	20 31	13 24	1 39			
T 13	13 46	1 5	5 3	19 24	1 40	9 42	1 30	18 36	1 10	3 48	1 8	4 25	2 19	22 25	0 0	13 32	1 42	5 11	14 51	23 22	23 21	20 29	13 24	1 39			
W14	13 26	4n35	4 43	19 2	1 44	9 14	1 30	18 43	1 10	3 53	1 8	4 27	2 18	22 25	0 0	13 32	1 42	5 11	14 51	23 22	23 21	20 28	13 25	1 39			
T 15	13 6	9 51	4 6	18 39	1 48	8 45	1 30	18 50	1 9	3 58	1 8	4 29	2 18	22 25	0 0	13 32	1 42	5 11	14 50	23 22	23 21	20 27	13 25	1 39			
F 16	12 46	14 29	3 18	18 15	1 51	8 16	1 29	18 57	1 9	4 3	1 7	4 32	2 18	22 25	0 0	13 32	1 42	5 12	14 50	23 22	23 21	20 25	13 26	1 39			
S 17	12 25	18 18	2 22	17 49	1 55	7 47	1 29	19 3	1 8	4 7	1 7	4 34	2 18	22 25	0 0	13 32	1 42	5 12	14 50	23 22	23 21	20 24	13 26	1 39			
S 18	12 4	21 12	1 20	17 23	1 57	7 18	1 28	19 10	1 8	4 12	1 7	4 36	2 18	22 25	0 0	13 32	1 42	5 12	14 49	23 22	23 21	20 23	13 26	1 39			
M19	11 43	23 4	0 16	16 54	2 0	6 48	1 28	19 16	1 8	4 17	1 7	4 39	2 18	22 25	0 0	13 31	1 43	5 13	14 49	23 22	23 21	20 22	13 27	1 39			
T 20	11 22	23 51	0n48	16 25	2 2	6 19	1 27	19 23	1 7	4 22	1 7	4 41	2 17	22 25	0 0	13 31	1 43	5 13	14 49	23 22	23 21	20 20	13 28	1 39			
W21	11 1	23 32	1 49	15 54	2 4	5 49	1 27	19 29	1 7	4 27	1 7	4 43	2 17	22 25	0 0	13 31	1 43	5 14	14 48	23 22	23 21	20 19	13 28	1 39			
T 22	10 39	22 10	2 45	15 23	2 5	5 19	1 26	19 35	1 6	4 32	1 7	4 46	2 17	22 25	0 0	13 31	1 43	5 14	14 48	23 22	23 21	20 18	13 29	1 39			
F 23	10 17	19 49	3 34	14 49	2 6	4 48	1 25	19 41	1 6	4 37	1 6	4 48	2 17	22 25	0 0	13 31	1 43	5 14	14 48	23 22	23 21	20 16	13 29	1 39			
S 24	9 55	16 38	4 13	14 15	2 7	4 18	1 24	19 47	1 5	4 42	1 6	4 51	2 17	22 25	0 0	13 31	1 43	5 15	14 47	23 22	23 21	20 15	13 30	1 39			
S 25	9 33	12 46	4 42	13 39	2 7	3 48	1 23	19 53	1 5	4 47	1 6	4 53	2 17	22 25	0 0	13 30	1 43	5 15	14 47	23 21	23 21	20 14	13 30	1 39			
M26	9 11	8 21	4 58	13 2	2 7	3 17	1 22	19 59	1 4	4 52	1 6	4 56	2 16	22 25	0 0	13 30	1 43	5 15	14 47	23 21	23 21	20 12	13 31	1 39			
T 27	8 49	3 35	5 1	12 24	2 6	2 47	1 21	20 4	1 4	4 57	1 6	4 58	2 16	22 25	0 0	13 30	1 43	5 16	14 46	23 21	23 21	20 11	13 32	1 39			
W28	8 26	1s23	4 50	11 45	2 5	2 16	1 20	20 10	1 3	5 3	1 6	5 1	2 16	22 25	0 0	13 30	1 43	5 16	14 46	23 21	23 21	20 10	13 32	1 39			
T 29	8s 4	6s23	4n25	11s 4	2s 4	1s45	1s18	20s15	1n 3	5n 8	1s 6	5n 3	2s16	22n25	0s 0	13s30	1n43	5n17	14s46	23n21	23n21	20n 8	13n33	1s39			

## ASTRODIENST EPHEMERIS for the year 2616

MARCH 2616

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	10 35 46	10 <sup>h</sup> 17'48"	10 <sup>m</sup> 3'	8 <sup>h</sup> 9'	29 <sup>h</sup> 51'	6 <sup>h</sup> 43'	15 <sup>h</sup> 52'	18 <sup>h</sup> 24'	14 <sup>h</sup> 8'	11 <sup>h</sup> 9'	28 <sup>h</sup> 13'	28 <sup>h</sup> 32'	27 <sup>h</sup> 57'	14 <sup>h</sup> 2'	11 <sup>h</sup> 8'	F 1
S 2	10 39 42	11°18'17"	22°57'	9°57'	1°5'	7°11'	16°5'	18°31'	14°9'	11 <sup>m</sup> 9'	28°13'	28 <sup>h</sup> 28'	27°54'	14°9'	11°11'	S 2
S 3	10 43 39	12°18'44"	6 <sup>h</sup> 8'	11°47'	2°20'	7°39'	16°19'	18°37'	14°9'	11°8'	28°13'	28°27'	27°51'	14°16'	11°13'	S 3
M 4	10 47 35	13°19'11"	19°38'	13°37'	3°35'	8°6'	16°32'	18°44'	14°10'	11°7'	28°14'	28°D26'	27°48'	14°22'	11°16'	M 4
T 5	10 51 32	14°19'36"	3 <sup>h</sup> 30'	15°28'	4°49'	8°34'	16°45'	18°50'	14°11'	11°7'	28°14'	28°R27'	27°44'	14°29'	11°18'	T 5
W 6	10 55 29	15°20'00"	17°45'	17°20'	6°4'	9°1'	16°59'	18°57'	14°11'	11°6'	28°15'	28°25'	27°41'	14°36'	11°20'	W 6
T 7	10 59 25	16°20'23"	2 <sup>h</sup> 21'	19°12'	7°18'	9°28'	17°12'	19°4'	14°12'	11°5'	28°15'	28°22'	27°38'	14°42'	11°23'	T 7
F 8	11 3 22	17°20'44"	17°15'	21°6'	8°33'	9°54'	17°26'	19°10'	14°13'	11°4'	28°16'	28°16'	27°35'	14°49'	11°25'	F 8
S 9	11 7 18	18°21'04"	2 <sup>h</sup> 20'	23°0'	9°47'	10°21'	17°39'	19°17'	14°14'	11°4'	28°16'	28°7'	27°32'	14°56'	11°28'	S 9
S 10	11 11 15	19°21'22"	17°27'	24°54'	11°1'	10°47'	17°53'	19°24'	14°15'	11°3'	28°17'	27°56'	27°29'	15°2'	11°30'	S 10
M11	11 15 11	20°21'38"	2 <sup>h</sup> 24'	26°49'	12°16'	11°13'	18°7'	19°31'	14°16'	11°2'	28°18'	27°44'	27°25'	15°9'	11°33'	M11
T 12	11 19 8	21°21'53"	17°3'	28°44'	13°30'	11°38'	18°21'	19°38'	14°17'	11°1'	28°18'	27°32'	27°22'	15°16'	11°36'	T 12
W13	11 23 4	22°22'05"	1 <sup>h</sup> 17'	0 <sup>h</sup> 39'	14°44'	12°4'	18°34'	19°45'	14°18'	11°0'	28°19'	27°23'	27°19'	15°22'	11°38'	W13
T 14	11 27 1	23°22'16"	15°2'	2°34'	15°59'	12°29'	18°48'	19°52'	14°19'	10°59'	28°19'	27°16'	27°16'	15°29'	11°41'	T 14
F 15	11 30 57	24°22'25"	28°18'	4°28'	17°13'	12°54'	19°2'	19°59'	14°20'	10°58'	28°20'	27°12'	27°13'	15°36'	11°44'	F 15
S 16	11 34 54	25°22'31"	11 <sup>h</sup> 7'	6°22'	18°27'	13°18'	19°16'	20°6'	14°21'	10°57'	28°21'	27°10'	27°9'	15°42'	11°47'	S 16
S 17	11 38 51	26°22'36"	23°33'	8°14'	19°41'	13°43'	19°30'	20°13'	14°22'	10°56'	28°21'	27°10'	27°6'	15°49'	11°49'	S 17
M18	11 42 47	27°22'39"	5 <sup>h</sup> 31'	10°6'	20°55'	14°7'	19°44'	20°20'	14°24'	10°55'	28°22'	27°10'	27°3'	15°56'	11°52'	M18
T 19	11 46 44	28°22'39"	17°38'	11°55'	22°9'	14°31'	19°58'	20°27'	14°25'	10°54'	28°23'	27°9'	27°0'	16°3'	11°55'	T 19
W20	11 50 40	29°22'38"	29°28'	13°42'	23°23'	14°54'	20°12'	20°34'	14°26'	10°53'	28°24'	27°6'	26°57'	16°9'	11°58'	W20
T 21	11 54 37	0 <sup>h</sup> 22'34"	11 <sup>h</sup> 16'	15°27'	24°37'	15°18'	20°26'	20°41'	14°28'	10°52'	28°24'	27°0'	26°54'	16°16'	12°1'	T 21
F 22	11 58 33	1°22'28"	23°7'	17°8'	25°51'	15°41'	20°40'	20°48'	14°29'	10°51'	28°25'	26°52'	26°50'	16°23'	12°4'	F 22
S 23	12 2 30	2°22'20"	5 <sup>h</sup> 3'	18°45'	27°5'	16°3'	20°55'	20°56'	14°31'	10°49'	28°26'	26°41'	26°47'	16°29'	12°7'	S 23
S 24	12 6 26	3°22'10"	17°7'	20°18'	28°19'	16°26'	21°9'	21°3'	14°32'	10°48'	28°27'	26°28'	26°44'	16°36'	12°10'	S 24
M25	12 10 23	4°21'58"	29°20'	21°47'	29°33'	16°48'	21°23'	21°10'	14°34'	10°47'	28°28'	26°14'	26°41'	16°43'	12°13'	M25
T 26	12 14 20	5°21'44"	11 <sup>h</sup> 44'	23°10'	0 <sup>h</sup> 47'	17°9'	21°37'	21°18'	14°36'	10°46'	28°29'	26°0'	26°38'	16°49'	12°16'	T 26
W27	12 18 16	6°21'28"	24°19'	24°28'	2°0'	17°31'	21°52'	21°25'	14°37'	10°44'	28°30'	25°48'	26°35'	16°56'	12°20'	W27
T 28	12 22 13	7°21'10"	7 <sup>h</sup> 14'	25°39'	3°14'	17°52'	22°6'	21°32'	14°39'	10°43'	28°30'	25°37'	26°31'	17°3'	12°23'	T 28
F 29	12 26 9	8°20'51"	19°59'	26°44'	4°28'	18°12'	22°20'	21°40'	14°41'	10°42'	28°31'	25°30'	26°28'	17°9'	12°26'	F 29
S 30	12 30 6	9°20'30"	3 <sup>h</sup> 6'	27°42'	5°41'	18°33'	22°35'	21°47'	14°43'	10°41'	28°32'	25°26'	26°25'	17°16'	12°29'	S 30
S 31	12 34 2	10 <sup>h</sup> 20'07"	16 <sup>h</sup> 26'	28 <sup>h</sup> 33'	6 <sup>h</sup> 55'	18 <sup>h</sup> 53'	22 <sup>h</sup> 49'	21 <sup>h</sup> 54'	14 <sup>h</sup> 45'	10 <sup>m</sup> 39'	28 <sup>h</sup> 33'	25 <sup>h</sup> 24'	26 <sup>h</sup> 22'	17 <sup>h</sup> 23'	12 <sup>h</sup> 32'	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	7s41	11s11	3n47	10s22	2s 1	1s14	1s17	20s20	1n 2	5n13	1s 6	5n 6	2s16	22n25	0s 0	13s29	1n43	5n17	14s45	23n21	23n21	20n 7	13n34	1s39			
S 2	7 18	15 36	2 56	9 39	1 59	0 44	1 16	20 26	1 1	5 18	1 5	5 8	2 16	22 25	0 0	13 29	1 43	5 17	14 45	23 21	23 21	20 5	13 34	1 39			
S 3	6 55	19 22	1 55	8 55	1 56	0 13	1 14	20 31	1 1	5 23	1 5	5 11	2 16	22 25	0 0	13 29	1 43	5 18	14 45	23 21	23 21	20 4	13 35	1 39			
M 4	6 32	22 11	0 47	8 9	1 52	0n18	1 13	20 36	1 0	5 28	1 5	5 13	2 16	22 25	0 0	13 29	1 43	5 18	14 44	23 21	23 20	20 3	13 36	1 39			
T 5	6 9	23 46	0s27	7 23	1 48	0 49	1 11	20 41	1 0	5 34	1 5	5 16	2 15	22 25	0 0	13 28	1 43	5 19	14 44	23 21	23 20	20 1	13 36	1 39			
W 6	5 46	23 51	1 40	6 35	1 44	1 20	1 10	20 45	0 59	5 39	1 5	5 19	2 15	22 26	0 0	13 28	1 43	5 19	14 44	23 21	23 20	20 0	13 37	1 39			
T 7	5 22	22 19	2 49	5 46	1 39	1 51	1 8	20 50	0 58	5 44	1 5	5 21	2 15	22 26	0 0	13 28	1 43	5 19	14 43	23 21	23 20	19 58	13 38	1 39			
F 8	4 59	19 14	3 48	4 56	1 33	2 22	1 6	20 55	0 57	5 49	1 5	5 24	2 15	22 26	0 0	13 28	1 44	5 20	14 43	23 21	23 20	19 57	13 39	1 39			
S 9	4 36	14 49	4 31	4 6	1 26	2 53	1 4	20 59	0 57	5 55	1 5	5 26	2 15	22 26	0 0	13 27	1 44	5 20	14 43	23 21	23 20	19 56	13 39	1 39			
S 10	4 12	9 29	4 56	3 14	1 20	3 23	1 3	21 4	0 56	6 0	1 5	5 29	2 15	22 26	0 0	13 27	1 44	5 21	14 42	23 21	23 20	19 54	13 40	1 39			
M11	3 48	3 38	4 59	2 22	1 12	3 54	1 1	21 8	0 55	6 5	1 5	5 32	2 15	22 26	0 0	13 27	1 44	5 21	14 42	23 20	23 20	19 53	13 41	1 39			
T 12	3 25	2n19	4 43	1 29	1 4	4 25	0 59	21 12	0 55	6 10	1 4	5 34	2 15	22 26	0 0	13 26	1 44	5 22	14 42	23 20	23 20	19 51	13 42	1 39			
W13	3 1	7 58	4 10	0 35	0 55	4 55	0 57	21 16	0 54	6 16	1 4	5 37	2 15	22 26	0 0	13 26	1 44	5 22	14 42	23 20	23 20	19 50	13 43	1 39			
T 14	2 37	13 3	3 23	0n19	0 46	5 26	0 55	21 20	0 53	6 21	1 4	5 40	2 14	22 26	0 0	13 26	1 44	5 22	14 41	23 20	23 20	19 48	13 43	1 39			
F 15	2 14	17 20	2 26	1 13	0 36	5 56	0 52	21 24	0 52	6 26	1 4	5 43	2 14	22 27	0n0	13 25	1 44	5 23	14 41	23 20	23 20	19 47	13 44	1 39			
S 16	1 50	20 39	1 24	2 7	0 26	6 26	0 50	21 28	0 51	6 32	1 4	5 45	2 14	22 27	0 0	13 25	1 44	5 23	14 41	23 20	23 20	19 46	13 45	1 39			
S 17	1 26	22 53	0 19	3 2	0 15	6 56	0 48	21 32	0 51	6 37	1 4	5 48	2 14	22 27	0 0	13 25	1 44	5 24	14 40	23 20	23 20	19 44	13 46	1 39			
M18	1 2	23 59	0n45	3 56	0 4	7 26	0 46	21 36	0 50	6 42	1 4	5 51	2 14	22 27	0 0	13 24	1 44	5 24	14 40	23 20	23 20	19 43	13 47	1 39			
T 19	0 39	23 57	1 46	4 49	0n8	7 56	0 44	21 39	0 49	6 48	1 4	5 53	2 14	22 27	0 0	13 24	1 44	5 25	14 40	23 20	23 20	19 41	13 48	1 39			
W20	0 15	22 50	2 42	5 42	0 20	8 25	0 41	21 43	0 48	6 53	1 4	5 56	2 14	22 27	0 0	13 23	1 44	5 25	14 40	23 20	23 19	19 40	13 49	1 39			
T 21	0n9	20 43	3 31	6 34	0 33	8 54	0 39	21 46	0 47	6 59	1 4	5 59	2 14	22 28	0 0	13 23	1 44	5 25	14 39	23 20	23 19	19 38	13 50	1 39			
F 22	0 33	17 42	4 10	7 24	0 46	9 24	0 36	21 50	0 46	7 4	1 4	6 2	2 14	22 28	0 0	13 23	1 44	5 26	14 39	23 19	23 19	19 37	13 50	1 39			
S 23	0 56	13 57	4 39	8 13	0 58	9 53	0 34	21 53	0 45	7 9	1 4	6 4	2 14	22 28	0 0	13 22	1 44	5 26	14 39	23 19	23 19	19 35	13 51	1 39			
S 24	1 20	9 37	4 56	9 1	1 11	10 21	0 31	21 57	0 44	7 15	1 3	6 7	2 14	22 28	0 0	13 22	1 44	5 27	14 38	23 19	23 19	19 34	13 52	1 39			
M25	1 44	4 50	4 59	9 46	1 24	10 50	0 29	22 0	0 43	7 20	1 3	6 10	2 14	22 28	0 0	13 21	1 44	5 27	14 38	23 18	23 19	19 32	13 53	1 39			
T 26	2 7	0s12	4 49	10 29	1 37	11 18	0 26	22 3	0 42	7 25	1 3	6 13	2 14	22 28	0 0	13 21	1 44	5 28	14 38	23 18	23 19	19 31	13 54	1 39			
W27	2 31	5 18	4 24	11 9	1 50	11 46	0 23	22 6	0 41	7 31	1 3	6 15	2 14	22 29	0 0	13 21	1 44	5 28	14 38	23 18	23 19	19 29	13 55	1 39			
T 28	2 55	10 16	3 46	11 46	2 2	12 13	0 21	22 9	0 40	7 36	1 3	6 18	2 14	22 29	0 0	13 20	1 44	5 28	14 37	23 17	23 19	19 28	13 56	1 39			
F 29	3 18	14 51	2 56	12 21	2 13	12 41	0 18	22 12	0 38	7 41	1 3	6 21	2 13	22 29	0 0	13 20	1 44	5 29	14 37	23 17	23 19	19 26	13 57	1 39			
S 30	3 41	18 50	1 55	12 52	2 25	13 8	0 15	22 15	0 37	7 47	1 3	6 24	2 13	22 29	0 0	13 19	1 44	5 29	14 37	23 17	23 19	19 25	13 58	1 39			
S 31	4n 5	21s53	0n47	13n20	2n35	13n35	0s13	22s18	0n36	7n52	1s 3	6n27	2s13	22n30	0n0	13s19	1n44	5n30	14s37	23n17	23n19	19n23	13n59	1s39			

# ASTRODIENST EPHEMERIS for the year 2616

APRIL 2616

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	12 37 59	11°19'42	29°59'59	29°16'16	8°8'8	19°12'12	23°3'3	22°2'2	14°47'47	10°R38	28°34'34	25°D24	26°11'19	17°29'29	12°36'36	M 1
T 2	12 41 55	12°19'16	13°34'47	29°52'52	9°22'22	19°31'31	23°18'18	22°9'9	14°49'49	10°M36	28°35'35	25°R24	26°15'15	17°36'36	12°39'39	T 2
W 3	12 45 52	13°18'48	27°50'08	20°20'20	0°41'41	11°48'48	20°8'8	23°47'47	14°51'51	10°35'35	28°36'36	25°I23	26°12'12	17°43'43	12°42'42	W 3
T 4	12 49 49	14°18'18	12°28'28	9°0'0	0°41'41	11°48'48	20°8'8	23°47'47	14°51'51	10°35'35	28°36'36	25°I23	26°12'12	17°43'43	12°42'42	T 4
F 5	12 53 45	15°17'47	26°41'41	0°53'53	13°2'2	20°26'26	24°1'1	22°31'31	14°55'55	10°32'32	28°38'38	25°15'15	26°6'6	17°56'56	12°49'49	F 5
S 6	12 57 42	16°17'14	11°18'18	0°R58	14°15'15	20°44'44	24°16'16	22°39'39	14°57'57	10°31'31	28°39'39	25°8'8	26°3'3	18°3'3	12°53'53	S 6
S 7	13 1 38	17°16'39	26°6'6	0°55'55	15°28'28	21°1'1	24°30'30	22°46'46	14°59'59	10°29'29	28°40'40	24°58'58	26°0'0	18°10'10	12°56'56	S 7
M 8	13 5 35	18°16'02	10°44'44	0°45'45	16°41'41	21°18'18	24°45'45	22°54'54	15°1'1	10°28'28	28°41'41	24°47'47	25°56'56	18°16'16	13°0'0	M 8
T 9	13 9 31	19°15'23	25°8'8	0°28'28	17°54'54	21°34'34	24°59'59	23°1'1	15°4'4	10°26'26	28°42'42	24°37'37	25°53'53	18°23'23	13°3'3	T 9
W10	13 13 28	20°14'42	9°18'18	0°4'4	19°7'7	21°50'50	25°14'14	23°9'9	15°6'6	10°25'25	28°43'43	24°28'28	25°50'50	18°30'30	13°7'7	W10
T 11	13 17 24	21°13'59	22°55'55	29°35'35	20°20'20	22°5'5	25°28'28	23°16'16	15°8'8	10°23'23	28°45'45	24°22'22	25°47'47	18°36'36	13°10'10	T 11
F 12	13 21 21	22°13'14	6°11'11	29°1'1	21°33'33	22°20'20	25°43'43	23°24'24	15°11'11	10°22'22	28°46'46	24°18'18	25°44'44	18°43'43	13°14'14	F 12
S 13	13 25 18	23°12'27	19°2'2	28°22'22	22°46'46	22°34'34	25°57'57	23°31'31	15°13'13	10°20'20	28°47'47	24°D16	25°41'41	18°50'50	13°17'17	S 13
S 14	13 29 14	24°11'37	1°32'32	27°40'40	23°59'59	22°48'48	26°12'12	23°39'39	15°16'16	10°19'19	28°48'48	24°16'16	25°37'37	18°56'56	13°21'21	S 14
M15	13 33 11	25°10'46	13°44'44	26°55'55	25°12'12	23°1'1	26°26'26	23°46'46	15°18'18	10°17'17	28°49'49	24°17'17	25°34'34	19°3'3	13°24'24	M15
T 16	13 37 7	26°9'52	25°43'43	26°8'8	26°25'25	23°13'13	26°41'41	23°54'54	15°21'21	10°15'15	28°50'50	24°R18	25°31'31	19°10'10	13°28'28	T 16
W17	13 41 4	27°8'55	7°12'12	25°21'21	27°37'37	23°26'26	26°56'56	24°1'1	15°23'23	10°14'14	28°51'51	24°17'17	25°28'28	19°17'17	13°32'32	W17
T 18	13 45 0	28°7'57	19°25'25	24°33'33	28°50'50	23°37'37	27°10'10	24°9'9	15°26'26	10°12'12	28°53'53	24°14'14	25°25'25	19°23'23	13°35'35	T 18
F 19	13 48 57	29°6'56	1°18'18	23°47'47	0°11'11	23°48'48	27°25'25	24°16'16	15°29'29	10°11'11	28°54'54	24°10'10	25°21'21	19°30'30	13°39'39	F 19
S 20	13 52 53	0°5'53	13°18'18	23°2'2	1°15'15	23°59'59	27°39'39	24°24'24	15°31'31	10°9'9	28°55'55	24°3'3	25°18'18	19°37'37	13°43'43	S 20
S 21	13 56 50	1°4'47	25°28'28	22°20'20	2°27'27	24°9'9	27°54'54	24°31'31	15°34'34	10°8'8	28°56'56	23°54'54	25°15'15	19°43'43	13°46'46	S 21
M22	14 0 47	2°3'40	7°15'15	21°42'42	3°39'39	24°18'18	28°8'8	24°39'39	15°37'37	10°6'6	28°57'57	23°45'45	25°12'12	19°50'50	13°50'50	M22
T 23	14 4 43	3°2'30	20°28'28	21°7'7	4°52'52	24°27'27	28°23'23	24°46'46	15°39'39	10°4'4	28°59'59	23°35'35	25°9'9	19°57'57	13°54'54	T 23
W24	14 8 40	4°1'19	3°12'12	20°36'36	6°4'4	24°35'35	28°37'37	24°54'54	15°42'42	10°3'3	29°0'0	23°27'27	25°6'6	20°3'3	13°57'57	W24
T 25	14 12 36	5°0'05	16°25'25	20°10'10	7°16'16	24°42'42	28°52'52	25°1'1	15°45'45	10°1'1	29°1'1	23°20'20	25°2'2	20°10'10	14°1'1	T 25
F 26	14 16 33	5°58'58	29°42'42	19°49'49	8°28'28	24°49'49	29°6'6	25°9'9	15°48'48	9°59'59	29°2'2	23°15'15	24°59'59	20°17'17	14°5'5	F 26
S 27	14 20 29	6°57'33	13°12'12	19°33'33	9°40'40	24°56'56	29°21'21	25°16'16	15°51'51	9°58'58	29°4'4	23°13'13	24°56'56	20°24'24	14°9'9	S 27
S 28	14 24 26	7°56'14	26°51'51	19°23'23	10°52'52	25°1'1	29°35'35	25°23'23	15°54'54	9°56'56	29°5'5	23°D13	24°53'53	20°30'30	14°12'12	S 28
M29	14 28 22	8°54'54	10°34'34	19°17'17	12°4'4	25°6'6	29°50'50	25°31'31	15°57'57	9°54'54	29°6'6	23°14'14	24°50'50	20°37'37	14°16'16	M29
T 30	14 32 19	9°53'31	24°37'37	19°D16	13°11'11	25°10'10	0°8'8	25°38'38	16°11'11	9°53'53	29°8'8	23°I15	24°46'46	20°44'44	14°20'20	T 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	4n28	23s46	0s24	13n45	2n45	14n 1	0s10	22s21	0n35	7n57	1s 3	6n29	2s13	22n30	0n 0	13s18	1n45	5n30	14s36	23n17	23n18	19n22	14n 0	1s39			
T 2	4 51	24 14	1 36	14 5	2 53	14 27	0 7	22 23	0 34	8 3	1 3	6 32	2 13	22 30	0 0	13 18	1 45	5 31	14 36	23 17	23 18	19 20	14 1	1 39			
W 3	5 14	23 11	2 43	14 22	3 1	14 53	0 4	22 26	0 32	8 8	1 3	6 35	2 13	22 30	0 0	13 17	1 45	5 31	14 36	23 17	23 18	19 19	14 2	1 39			
T 4	5 37	20 38	3 41	14 35	3 7	15 18	0 1	22 29	0 31	8 14	1 3	6 38	2 13	22 31	0 0	13 17	1 45	5 31	14 36	23 17	23 18	19 17	14 3	1 39			
F 5	6 0	16 44	4 26	14 44	3 12	15 43	0n 2	22 31	0 30	8 19	1 3	6 40	2 13	22 31	0 0	13 17	1 45	5 32	14 35	23 16	23 18	19 15	14 4	1 39			
S 6	6 23	11 48	4 54	14 50	3 16	16 8	0 4	22 34	0 28	8 24	1 3	6 43	2 13	22 31	0 0	13 16	1 45	5 32	14 35	23 16	23 18	19 14	14 5	1 39			
S 7	6 46	6 10	5 2	14 51	3 18	16 32	0 7	22 37	0 27	8 30	1 3	6 46	2 13	22 31	0 0	13 16	1 45	5 33	14 35	23 16	23 18	19 12	14 6	1 39			
M 8	7 8	0 14	4 51	14 48	3 19	16 56	0 10	22 39	0 25	8 35	1 3	6 49	2 13	22 32	0 0	13 15	1 45	5 33	14 35	23 15	23 18	19 11	14 7	1 39			
T 9	7 31	5n39	4 21	14 41	3 18	17 19	0 13	22 42	0 24	8 40	1 3	6 51	2 13	22 32	0 0	13 15	1 45	5 34	14 34	23 15	23 18	19 9	14 8	1 39			
W10	7 53	11 7	3 36	14 30	3 15	17 42	0 16	22 44	0 22	8 46	1 3	6 54	2 13	22 32	0 0	13 14	1 45	5 34	14 34	23 15	23 18	19 8	14 9	1 39			
T 11	8 15	15 52	2 39	14 16	3 11	18 5	0 19	22 47	0 21	8 51	1 3	6 57	2 13	22 32	0 0	13 14	1 45	5 34	14 34	23 14	23 18	19 6	14 10	1 39			
F 12	8 37	19 42	1 35	13 58	3 5	18 27	0 22	22 49	0 19	8 56	1 2	7 0	2 13	22 33	0 0	13 13	1 45	5 35	14 34	23 14	23 17	19 4	14 11	1 39			
S 13	8 59	22 27	0 28	13 37	2 57	18 49	0 25	22 51	0 18	9 1	1 2	7 2	2 13	22 33	0 0	13 13	1 45	5 35	14 34	23 14	23 17	19 3	14 12	1 39			
S 14	9 21	24 0	0n39	13 13	2 48	19 10	0 28	22 54	0 16	9 7	1 2	7 5	2 13	22 33	0 0	13 12	1 45	5 36	14 33	23 14	23 17	19 1	14 13	1 39			
M15	9 43	24 21	1 42	12 47	2 37	19 30	0 31	22 56	0 14	9 12	1 2	7 8	2 13	22 33	0 0	13 12	1 45	5 36	14 33	23 14	23 17	19 0	14 14	1 39			
T 16	10 4	23 33	2 40	12 18	2 25	19 50	0 34	22 59	0 13	9 17	1 2	7 11	2 13	22 34	0 0	13 11	1 45	5 37	14 33	23 14	23 17	18 58	14 15	1 39			
W17	10 25	21 42	3 30	11 49	2 12	20 10	0 37	23 1	0 11	9 22	1 2	7 13	2 13	22 34	0 0	13 11	1 45	5 37	14 33	23 14	23 17	18 56	14 16	1 39			
T 18	10 47	18 56	4 12	11 18	1 57	20 29	0 40	23 3	0 9	9 28	1 2	7 16	2 13	22 34	0 0	13 10	1 45	5 37	14 33	23 14	23 17	18 55	14 17	1 39			
F 19	11 7	15 22	4 42	10 47	1 42	20 47	0 43	23 6	0 7	9 33	1 2	7 19	2 13	22 35	0 0	13 10	1 45	5 38	14 33	23 14	23 17	18 53	14 18	1 39			
S 20	11 28	11 10	5 0	10 16	1 26	21 5	0 46	23 8	0 5	9 38	1 2	7 22	2 13	22 35	0 0	13 9	1 45	5 38	14 32	23 14	23 17	18 51	14 19	1 39			
S 21	11 49	6 28	5 6	9 45	1 10	21 23	0 49	23 10	0 3	9 43	1 2	7 24	2 13	22 35	0 0	13 9	1 45	5 39	14 32	23 13	23 16	18 50	14 20	1 39			
M22	12 9	1 26	4 57	9 15	0 53	21 40	0 52	23 13	0 1	9 48	1 2	7 27	2 13	22 35	0 0	13 8	1 45	5 39	14 32	23 13	23 16	18 48	14 21	1 40			
T 23	12 29	3s45	4 33	8 47	0 36	21 56	0 55	23 15	0s 1	9 54	1 2	7 30	2 13	22 36	0 0	13 8	1 45	5 39	14 32	23 12	23 16	18 46	14 22	1 40			
W24	12 49	8 53	3 56	8 20	0 20	22 12	0 58	23 18	0 3	9 59	1 2	7 32	2 13	22 36	0 0	13 7	1 45	5 40	14 32	23 12	23 16	18 45	14 23	1 40			
T 25	13 9	13 44	3 5	7 55	0 3	22 27	1 1	23 20	0 5	10 4	1 2	7 35	2 13	22 36	0 0	13 7	1 45	5 40	14 32	23 12	23 16	18 43	14 24	1 40			
F 26	13 28	18 1	2 3	7 32	0s13	22 41	1 3	23 22	0 7	10 9	1 2	7 38	2 13	22 37	0 0	13 6	1 45	5 41	14 31	23 11	23 16	18 41	14 25	1 40			
S 27	13 48	21 25	0 54	7 11	0 28	22 55	1 6	23 25	0 9	10 14	1 2	7 40	2 13	22 37	0 0	13 5	1 45	5 41	14 31	23 11	23 16	18 40	14 26	1 40			
S 28	14 7	23 39	0s20	6 53	0 44	23 8	1 9	23 27	0 11	10 19	1 2	7 43	2 14	22 37	0 0	13 5	1 45	5 41	14 31	23 11	23 16	18 38	14 27	1 40			
M29	14 25	24 29	1 33	6 38	0 58	23 21	1 12	23 30	0 14	10 24	1 2	7 45	2 14	22 38	0 0	13 4	1 45	5 42	14 31	23 11	23 16	18 36	14 29	1 40			
T 30	14n44	23s47	2s42	6n25	1s12	23n33	1n15	23s32	0s16	10n29	1s 2	7n48	2s14	22n38	0n 0	13s 4	1n45	5n42	14s31	23n11	23n15	18n35	14n30	1s40			

## ASTRODIENST EPHEMERIS for the year 2616

MAY 2616

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	14 36 16	10°52'08	8°42	19°21	14°27	25°14	0°18	25°45	16°11	9°51	29°8	23°16	24°43	20°50	14°24	W 1
T 2	14 40 12	11°50'42	22°53	19°30	15°39	25°17	0°33	25°53	16°6	9°50	29°10	23°11	24°40	20°57	14°27	T 2
F 3	14 44 9	12°49'15	7°48	19°45	16°51	25°19	0°47	26°0	16°9	9°48	29°11	23°13	24°37	21°4	14°31	F 3
S 4	14 48 5	13°47'47	21°27	20°4	18°2	25°20	1°1	26°7	16°12	9°46	29°13	23°9	24°34	21°10	14°35	S 4
S 5	14 52 2	14°46'16	5°43	20°27	19°14	25°21	1°16	26°15	16°15	9°45	29°14	23°4	24°31	21°17	14°39	S 5
M 6	14 55 58	15°44'44	19°53	20°55	20°25	25°21	1°30	26°22	16°18	9°43	29°15	22°58	24°27	21°24	14°42	M 6
T 7	14 59 55	16°43'11	3°52	21°28	21°36	25°20	1°44	26°29	16°21	9°41	29°17	22°52	24°24	21°31	14°46	T 7
W 8	15 3 51	17°41'36	17°36	22°4	22°47	25°18	1°59	26°36	16°24	9°40	29°18	22°47	24°21	21°37	14°50	W 8
T 9	15 7 48	18°39'59	1°11	22°44	23°59	25°16	2°13	26°43	16°28	9°38	29°19	22°44	24°18	21°44	14°54	T 9
F 10	15 11 44	19°38'20	14°7	23°27	25°10	25°13	2°27	26°50	16°31	9°36	29°21	22°42	24°15	21°51	14°57	F 10
S 11	15 15 41	20°36'39	26°53	24°15	26°21	25°9	2°41	26°58	16°34	9°35	29°22	22°D42	24°12	21°57	15°1	S 11
S 12	15 19 38	21°34'57	9°20	25°5	27°32	25°4	2°55	27°5	16°37	9°33	29°23	22°43	24°8	22°4	15°5	S 12
M13	15 23 34	22°33'12	21°33	25°59	28°42	24°59	3°10	27°12	16°41	9°32	29°25	22°44	24°5	22°11	15°9	M13
T 14	15 27 31	23°31'25	3°24	26°56	29°53	24°52	3°24	27°19	16°44	9°30	29°26	22°46	24°2	22°17	15°12	T 14
W15	15 31 27	24°29'37	15°28	27°56	1°5	24°46	3°38	27°26	16°47	9°29	29°27	22°47	23°59	22°24	15°16	W15
T 16	15 35 24	25°27'47	27°20	28°59	2°14	24°38	3°52	27°33	16°50	9°27	29°29	22°R48	23°56	22°31	15°20	T 16
F 17	15 39 20	26°25'54	9°14	0°5	3°25	24°29	4°6	27°40	16°54	9°25	29°30	22°47	23°52	22°38	15°24	F 17
S 18	15 43 17	27°24'00	21°16	1°13	4°35	24°20	4°20	27°46	16°57	9°24	29°31	22°45	23°49	22°44	15°27	S 18
S 19	15 47 14	28°22'03	3°29	2°24	5°45	24°10	4°33	27°53	17°1	9°22	29°33	22°42	23°46	22°51	15°31	S 19
M20	15 51 10	29°20'05	15°58	3°38	6°56	24°0	4°47	28°0	17°4	9°21	29°34	22°39	23°43	22°58	15°35	M20
T 21	15 55 7	0°18'06	28°43	4°54	8°6	23°48	5°1	28°7	17°7	9°19	29°35	22°35	23°40	23°4	15°38	T 21
W22	15 59 3	1°16'04	11°47	6°12	9°16	23°36	5°15	28°14	17°11	9°18	29°37	22°32	23°37	23°11	15°42	W22
T 23	16 3 0	2°14'01	25°10	7°33	10°25	23°24	5°29	28°20	17°14	9°16	29°38	22°30	23°33	23°18	15°46	T 23
F 24	16 6 56	3°11'56	8°50	8°56	11°35	23°10	5°42	28°27	17°18	9°15	29°39	22°28	23°30	23°24	15°49	F 24
S 25	16 10 53	4°9'50	22°45	10°22	12°45	22°56	5°56	28°33	17°21	9°13	29°41	22°D28	23°27	23°31	15°53	S 25
S 26	16 14 49	5°7'43	6°51	11°50	13°54	22°41	6°10	28°40	17°24	9°12	29°42	22°28	23°24	23°38	15°56	S 26
M27	16 18 46	6°5'34	21°5	13°20	15°4	22°26	6°23	28°47	17°28	9°10	29°44	22°29	23°21	23°45	16°0	M27
T 28	16 22 43	7°3'24	5°23	14°52	16°13	22°10	6°37	28°53	17°31	9°9	29°45	22°30	23°18	23°51	16°4	T 28
W29	16 26 39	8°1'13	19°41	16°27	17°22	21°54	6°50	28°59	17°35	9°8	29°46	22°31	23°14	23°58	16°7	W29
T 30	16 30 36	8°59'01	3°57	18°3	18°31	21°37	7°3	29°6	17°38	9°6	29°48	22°R32	23°11	24°5	16°11	T 30
F 31	16 34 32	9°56'48	18°8	19°42	19°40	21°19	7°17	29°12	17°42	9°5	29°49	22°I32	23°8	24°11	16°14	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	15n 2	21s35	3s41	6n14	1s25	23n44	1n17	23s35	0s18	10n34	1s 2	7n51	2s14	22n38	0n 0	13s 3
T 2	15 20	18 3	4 28	6 6	1 37	23 55	1 20	23 37	0 21	10 39	1 2	7 53	2 14	22 39	0 0	13 3
F 3	15 38	13 28	4 58	6 1	1 49	24 5	1 23	23 40	0 23	10 44	1 2	7 56	2 14	22 39	0 0	13 2
S 4	15 56	8 7	5 10	5 58	2 0	24 14	1 25	23 43	0 26	10 49	1 2	7 58	2 14	22 39	0 0	13 2
S 5	16 13	2 22	5 2	5 58	2 10	24 23	1 28	23 45	0 28	10 54	1 2	8 1	2 14	22 40	0 0	13 1
M 6	16 30	3n29	4 37	6 0	2 19	24 31	1 30	23 48	0 31	10 59	1 2	8 3	2 14	22 40	0 0	13 1
T 7	16 47	9 5	3 55	6 4	2 27	24 38	1 33	23 50	0 34	11 4	1 2	8 6	2 14	22 40	0 0	13 0
W 8	17 3	14 9	3 0	6 10	2 35	24 45	1 35	23 53	0 36	11 9	1 2	8 8	2 14	22 41	0 0	13 0
T 9	17 19	18 25	1 56	6 19	2 42	24 51	1 38	23 56	0 39	11 14	1 2	8 11	2 14	22 41	0 0	12 59
F 10	17 35	21 39	0 47	6 29	2 48	24 56	1 40	23 58	0 42	11 18	1 2	8 13	2 14	22 41	0 0	12 59
S 11	17 51	23 42	0n23	6 41	2 53	25 1	1 42	24 1	0 45	11 23	1 2	8 16	2 14	22 42	0 0	12 58
S 12	18 6	24 32	1 30	6 56	2 57	25 5	1 45	24 4	0 48	11 28	1 2	8 18	2 15	22 42	0 0	12 58
M13	18 21	24 8	2 31	7 11	3 1	25 8	1 47	24 7	0 51	11 33	1 2	8 21	2 15	22 42	0 0	12 57
T 14	18 36	22 37	3 25	7 29	3 4	25 11	1 49	24 9	0 54	11 37	1 3	8 23	2 15	22 43	0 0	12 57
W15	18 50	20 7	4 10	7 48	3 6	25 12	1 51	24 12	0 57	11 42	1 3	8 26	2 15	22 43	0 0	12 56
T 16	19 4	16 48	4 43	8 9	3 8	25 13	1 53	24 15	1 0	11 47	1 3	8 28	2 15	22 43	0 0	12 56
F 17	19 17	12 47	5 5	8 31	3 9	25 14	1 55	24 18	1 3	11 52	1 3	8 30	2 15	22 44	0 0	12 55
S 18	19 31	8 15	5 14	8 54	3 9	25 14	1 57	24 20	1 6	11 56	1 3	8 33	2 15	22 44	0 0	12 55
S 19	19 44	3 20	5 8	9 18	3 9	25 13	1 59	24 23	1 9	12 1	1 3	8 35	2 15	22 44	0 0	12 55
M20	19 56	1s49	4 48	9 44	3 8	25 11	2 0	24 26	1 12	12 5	1 3	8 37	2 15	22 45	0 0	12 54
T 21	20 9	7 1	4 14	10 11	3 6	25 9	2 2	24 28	1 16	12 10	1 3	8 39	2 15	22 45	0 0	12 54
W22	20 21	12 4	3 25	10 39	3 4	25 6	2 4	24 31	1 19	12 14	1 3	8 42	2 16	22 45	0 0	12 53
T 23	20 32	16 39	2 25	11 7	3 1	25 2	2 5	24 34	1 22	12 19	1 3	8 44	2 16	22 46	0 0	12 53
F 24	20 44	20 28	1 14	11 37	2 58	24 58	2 7	24 36	1 26	12 23	1 3	8 46	2 16	22 46	0 0	12 52
S 25	20 54	23 11	0s 2	12 7	2 54	24 52	2 8	24 39	1 29	12 28	1 3	8 48	2 16	22 46	0 0	12 52
S 26	21 5	24 29	1 19	12 39	2 49	24 47	2 9	24 42	1 32	12 32	1 3	8 51	2 16	22 47	0 0	12 51
M27	21 15	24 12	2 32	13 10	2 44	24 40	2 10	24 44	1 36	12 37	1 3	8 53	2 16	22 47	0 0	12 51
T 28	21 25	22 20	3 35	13 43	2 39	24 33	2 12	24 47	1 39	12 41	1 3	8 55	2 16	22 47	0 0	12 51
W29	21 34	19 4	4 26	14 16	2 33	24 26	2 13	24 49	1 42	12 45	1 3	8 57	2 16	22 48	0 0	12 50
T 30	21 43	14 41	5 0	14 49	2 26	24 17	2 14	24 51	1 46	12 50	1 3	8 59	2 17	22 48	0 0	12 50
F 31	21n52	9s31	5s15	15n22	2s19	24n 8	2n14	24s53	1s49	12n54	1s 3	9n 1	2s17	22n48	0n 1	12s49

Julian Day Number = 2676654.5, Delta T = 21m17s

Ecliptic obliquity = 23°21'34", Nutation = - 0°00'18"

Ayanamsha: Fagan/Bradley = 33°21'40", Lahiri = 32°28'40"

## ASTRODIENST EPHEMERIS for the year 2616

JUNE 2616

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 38 29	10♈54'33	2♈12	21♈23	20♈49	21°R 1	7♈30	29°Y18	17♈45	9°R 4	29♈50	22°R31	23♈5	24♈18	16♈18	S 1
S 2	16 42 25	11°52'18	16° 6	23° 7	21°58	20♈42	7°43	29°25	17°49	9♈2	29°52	22♈30	23° 2	24°25	16°21	S 2
M 3	16 46 22	12°50'01	29°50	24°52	23° 7	20°23	7°56	29°31	17°52	9° 1	29°53	22°29	22°58	24°32	16°25	M 3
T 4	16 50 18	13°47'44	13♈21	26°40	24°15	20° 4	8°10	29°37	17°56	9° 0	29°54	22°28	22°55	24°38	16°28	T 4
W 5	16 54 15	14°45'25	26°38	28°30	25°23	19°44	8°23	29°43	17°59	8°58	29°56	22°27	22°52	24°45	16°32	W 5
T 6	16 58 12	15°43'06	9♈41	0♈22	26°32	19°24	8°36	29°49	18° 3	8°57	29°57	22°26	22°49	24°52	16°35	T 6
F 7	17 2 8	16°40'45	22°30	2°16	27°40	19° 4	8°48	29°55	18° 6	8°56	29°58	22°D26	22°46	24°58	16°38	F 7
S 8	17 6 5	17°38'23	5♈3	4°13	28°48	18°44	9° 1	0♈1	18°10	8°55	29°59	22°26	22°43	25° 5	16°42	S 8
S 9	17 10 1	18°36'00	17°23	6°11	29°56	18°23	9°14	0° 7	18°13	8°54	0♈1	22°27	22°39	25°12	16°45	S 9
M10	17 13 58	19°33'35	29°32	8°12	1♈3	18° 3	9°27	0°12	18°17	8°52	0° 2	22°27	22°36	25°18	16°48	M10
T 11	17 17 54	20°31'10	11♈31	10°14	2°11	17°42	9°40	0°18	18°21	8°51	0° 3	22°27	22°33	25°25	16°52	T 11
W12	17 21 51	21°28'43	23°25	12°18	3°18	17°21	9°52	0°24	18°24	8°50	0° 5	22°27	22°30	25°32	16°55	W12
T 13	17 25 47	22°26'14	5♈17	14°24	4°25	17° 0	10° 5	0°29	18°28	8°49	0° 6	22°R27	22°27	25°39	16°58	T 13
F 14	17 29 44	23°23'45	17°11	16°31	5°33	16°40	10°17	0°35	18°31	8°48	0° 7	22°D27	22°24	25°45	17° 1	F 14
S 15	17 33 41	24°21'14	29°13	18°40	6°39	16°19	10°29	0°40	18°35	8°47	0° 8	22°27	22°20	25°52	17° 5	S 15
S 16	17 37 37	25°18'42	11♈25	20°50	7°46	15°59	10°42	0°46	18°38	8°46	0°10	22°28	22°17	25°59	17° 8	S 16
M17	17 41 34	26°16'09	23°54	23° 1	8°53	15°39	10°54	0°51	18°42	8°45	0°11	22°28	22°14	26° 5	17°11	M17
T 18	17 45 30	27°13'34	6♈41	25°13	9°59	15°19	11° 6	0°56	18°45	8°44	0°12	22°28	22°11	26°12	17°14	T 18
W19	17 49 27	28°10'59	19°51	27°25	11° 5	14°59	11°18	1° 1	18°49	8°43	0°13	22°29	22° 8	26°19	17°17	W19
T 20	17 53 23	29° 8'23	3♈24	29°37	12°11	14°40	11°30	1° 7	18°52	8°42	0°15	22°29	22° 4	26°26	17°20	T 20
F 21	17 57 20	0♈5'45	17°20	1♈49	13°17	14°21	11°42	1°12	18°56	8°41	0°16	22°R29	22° 1	26°32	17°23	F 21
S 22	18 1 16	1° 3'07	1♈36	4° 1	14°23	14° 3	11°54	1°17	18°59	8°40	0°17	22°29	21°58	26°39	17°26	S 22
S 23	18 5 13	2° 0'29	16° 7	6°12	15°28	13°45	12° 6	1°22	19° 3	8°40	0°18	22°29	21°55	26°46	17°29	S 23
M24	18 9 10	2°57'49	0♈49	8°22	16°34	13°27	12°17	1°26	19° 6	8°39	0°19	22°28	21°52	26°52	17°32	M24
T 25	18 13 6	3°55'09	15°33	10°31	17°39	13°10	12°29	1°31	19° 9	8°38	0°21	22°27	21°49	26°59	17°35	T 25
W26	18 17 3	4°52'29	0♈13	12°39	18°43	12°54	12°40	1°36	19°13	8°37	0°22	22°25	21°45	27° 6	17°38	W26
T 27	18 20 59	5°49'48	14°43	14°45	19°48	12°38	12°52	1°40	19°16	8°36	0°23	22°24	21°42	27°13	17°40	T 27
F 28	18 24 56	6°47'07	29° 0	16°49	20°52	12°23	13° 3	1°45	19°20	8°36	0°24	22°24	21°39	27°19	17°43	F 28
S 29	18 28 52	7°44'25	13°Y 0	18°52	21°56	12° 8	13°14	1°50	19°23	8°35	0°25	22°D23	21°36	27°26	17°46	S 29
S 30	18 32 49	8♈41'44	26°Y43	20♈53	23♈0	11♈54	13♈25	1♈54	19♈26	8♈34	0♈26	22♈24	21♈33	27♈33	17♈48	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	22n 0	3s54	5s12	15n56	2s11	23n59	2n15	24s56	1s52	12n58	1s 3	9n 3	2s17	22n49	0n 1	12s49	1n45	5n52	14s29	23n 9	23n11	17n38	15n 1	1s43	14s30	23n 9	23n11
S 2	22 8	1n51	4 50	16 30	2 3	23 49	2 16	24 58	1 56	13 2	1 3	9 5	2 17	22 49	0 1	12 49	1 45	5 52	14 29	23 9	23 11	17 36	15 2	1 43	14 30	23 9	23 11
M 3	22 16	7 27	4 12	17 4	1 55	23 38	2 16	25 0	1 59	13 6	1 4	9 7	2 17	22 49	0 1	12 48	1 45	5 52	14 29	23 9	23 10	17 34	15 3	1 43	14 30	23 9	23 10
T 4	22 23	12 37	3 20	17 38	1 46	23 26	2 17	25 1	2 2	13 11	1 4	9 9	2 17	22 50	0 1	12 48	1 45	5 53	14 29	23 9	23 10	17 32	15 4	1 43	14 30	23 9	23 10
W 5	22 29	17 6	2 18	18 11	1 37	23 14	2 17	25 3	2 6	13 15	1 4	9 11	2 18	22 50	0 1	12 47	1 44	5 53	14 30	23 9	23 10	17 30	15 4	1 43	14 30	23 9	23 10
T 6	22 36	20 41	1 10	18 44	1 27	23 2	2 17	25 5	2 9	13 19	1 4	9 13	2 18	22 50	0 1	12 47	1 44	5 53	14 30	23 9	23 10	17 28	15 5	1 43	14 30	23 9	23 10
F 7	22 42	23 9	0n 0	19 17	1 17	22 48	2 18	25 7	2 12	13 23	1 4	9 15	2 18	22 51	0 1	12 47	1 44	5 53	14 30	23 9	23 10	17 27	15 6	1 43	14 30	23 9	23 10
S 8	22 47	24 25	1 9	19 49	1 7	22 35	2 18	25 8	2 15	13 27	1 4	9 17	2 18	22 51	0 1	12 46	1 44	5 53	14 30	23 9	23 10	17 25	15 7	1 43	14 30	23 9	23 10
S 9	22 52	24 27	2 14	20 20	0 57	22 20	2 18	25 9	2 19	13 31	1 4	9 19	2 18	22 51	0 1	12 46	1 44	5 54	14 30	23 9	23 9	17 23	15 8	1 44	14 30	23 9	23 9
M10	22 57	23 18	3 11	20 50	0 46	22 6	2 18	25 11	2 22	13 35	1 4	9 21	2 18	22 51	0 1	12 46	1 44	5 54	14 30	23 9	23 9	17 21	15 9	1 44	14 30	23 9	23 9
T 11	23 1	21 6	4 0	21 19	0 35	21 50	2 17	25 12	2 25	13 39	1 4	9 23	2 19	22 52	0 1	12 45	1 44	5 54	14 30	23 9	23 9	17 19	15 9	1 44	14 30	23 9	23 9
W12	23 5	18 2	4 37	21 47	0 25	21 34	2 17	25 13	2 28	13 42	1 4	9 24	2 19	22 52	0 1	12 45	1 44	5 54	14 30	23 9	23 9	17 17	15 10	1 44	14 30	23 9	23 9
T 13	23 9	14 14	5 3	22 13	0 14	21 18	2 16	25 14	2 31	13 46	1 4	9 26	2 19	22 52	0 1	12 45	1 44	5 54	14 30	23 9	23 9	17 15	15 11	1 44	14 30	23 9	23 9
F 14	23 12	9 53	5 16	22 38	0 3	21 1	2 16	25 15	2 34	13 50	1 4	9 28	2 19	22 53	0 1	12 44	1 44	5 55	14 30	23 9	23 9	17 13	15 12	1 44	14 30	23 9	23 9
S 15	23 14	5 8	5 15	23 0	0n 8	20 44	2 15	25 15	2 37	13 54	1 4	9 30	2 19	22 53	0 1	12 44	1 44	5 55	14 30	23 9	23 8	17 11	15 13	1 44	14 30	23 9	23 8
S 16	23 17	0 6	5 0	23 21	0 18	20 26	2 14	25 16	2 39	13 58	1 5	9 31	2 19	22 53	0 1	12 44	1 44	5 55	14 30	23 9	23 8	17 9	15 13	1 44	14 30	23 9	23 8
M17	23 18	5s 3	4 31	23 39	0 28	20 7	2 13	25 17	2 42	14 1	1 5	9 33	2 20	22 54	0 1	12 44	1 44	5 55	14 30	23 9	23 8	17 7	15 14	1 45	14 30	23 9	23 8
T 18	23 20	10 7	3 47	23 55	0 38	19 49	2 12	25 17	2 45	14 5	1 5	9 35	2 20	22 54	0 1	12 43	1 44	5 55	14 31	23 9	23 8	17 6	15 15	1 45	14 31	23 9	23 8
W19	23 21	14 54	2 51	24 8	0 48	19 29	2 11	25 17	2 47	14 9	1 5	9 36	2 20	22 54	0 1	12 43	1 44	5 55	14 31	23 9	23 8	17 4	15 16	1 45	14 31	23 9	23 8
T 20	23 21	19 4	1 44	24 19	0 57	19 10	2 10	25 18	2 50	14 12	1 5	9 38	2 20	22 55	0 1	12 43	1 44	5 55	14 31	23 9	23 7	17 2	15 16	1 45	14 31	23 9	23 7
F 21	23 22	22 17	0 29	24 27	1 6	18 50	2 8	25 18	2 52	14 16	1 5	9 39	2 20	22 55	0 1	12 43	1 44	5 55	14 31	23 9	23 7	17 0	15 17	1 45	14 31	23 9	23 7
S 22	23 21	24 11	0s50	24 32	1 14	18 29	2 7	25 18	2 55	14 19	1 5	9 41	2 21	22 55	0 1	12 42	1 44	5 56	14 31	23 9	23 7	16 58	15 18	1 45	14 31	23 9	23 7
S 23	23 21	24 30	2 7	24 34	1 21	18 8	2 5	25 18	2 57	14 23	1 5	9 42	2 21	22 55	0 1	12 42	1 44	5 56	14 31	23 9	23 7	16 56	15 18	1 45	14 31	23 9	23 7
M24	23 20	23 6	3 17	24 34	1 28	17 47	2 3	25 18	2 59	14 26	1 5	9 44	2 21	22 56	0 1	12 42	1 44	5 56	14 31	23 9	23 7	16 54	15 19	1 46	14 31	23 9	23 7
T 25	23 18	20 9	4 13	24 30	1 34	17 25	2 1	25 18	3 1	14 29	1 6	9 45	2 21	22 56	0 1	12 42	1 44	5 56	14 31	23 9	23 6	16 52	15 20	1 46	14 31	23 9	23 6
W26	23 16	15 55	4 53	24 25	1 39	17 3	1 59	25 18	3 3	14 33	1 6	9 47	2 21	22 56	0 1	12 41	1 44	5 56	14 32	23 9	23 6	16 50	15 20	1 46	14 32	23 9	23 6
T 27	23 14	10 49	5 13	24 16	1 44	16 41	1 57	25 18	3 5	14 36	1 6	9 48	2 22	22 57	0 1	12 41	1 44	5 56	14 32	23 9	23 6	16 48	15 21	1 46	14 32	23 9	23 6
F 28	23 11	5 12	5 14	24 5	1 48	16 18	1 55	25 18	3 7	14 39	1 6	9 49	2 22	22 57	0 1	12 41	1 44	5 56	14 32	23 9	23 6	16 46	15 22	1 46	14 32	23 9	23 6
S 29	23 8	0n34	4 56	23 52	1 51	15 55	1 53	25 18	3 9	14 43	1 6	9 51	2 22	22 57	0 1	12 41	1 43	5 56	14 32	23 9	23 6	16 44	15 22	1 46	14 32	23 9	23 6
S 30	23n 5	6n12	4s21	23n37	1n53	15n32	1n50	25s17	3s11	14n46	1s 6	9n52	2s22	22n57	0n 1	12s41	1n43	5n56	14s32	23n 9	23n 5	16n42	15n23	1s46	14s32	23n 9	23n 5



## ASTRODIENST EPHEMERIS for the year 2616

AUGUST 2616

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 38 59	9♏13'58	28♏23	5♏3	24♏9	11♏31	18♏21	3♏28	21♏4	8♏30	0♏54	21°R39	19♏51	1♏8	18♏51	T 1
F 2	20 42 55	10°11'17	10♏38	5°39	24°59	11°44	18°28	3°30	21°6	8°31	0°55	21°38	19°48	1°14	18°53	F 2
S 3	20 46 52	11°8'37	22°44	6°11	25°49	11°56	18°35	3°31	21°9	8°31	0°55	21°33	19°45	1°21	18°54	S 3
S 4	20 50 48	12°5'58	4♏44	6°39	26°38	12°10	18°41	3°32	21°11	8°32	0°56	21°27	19°42	1°28	18°55	S 4
M 5	20 54 45	13°3'20	16°39	7°2	27°26	12°24	18°48	3°33	21°14	8°32	0°56	21°19	19°38	1°34	18°56	M 5
T 6	20 58 42	14°0'42	28°31	7°21	28°14	12°39	18°54	3°34	21°16	8°33	0°57	21°9	19°35	1°41	18°57	T 6
W 7	21 2 38	14°58'04	10♏23	7°36	29°1	12°55	19°1	3°35	21°19	8°33	0°57	20°59	19°32	1°48	18°58	W 7
T 8	21 6 35	15°55'28	22°15	7°46	29°47	13°11	19°7	3°36	21°21	8°34	0°58	20°49	19°29	1°55	18°58	T 8
F 9	21 10 31	16°52'51	4♏9	7°R50	0♏32	13°28	19°13	3°37	21°23	8°34	0°58	20°41	19°26	2°1	18°59	F 9
S 10	21 14 28	17°50'16	16°10	7°50	1°16	13°45	19°18	3°37	21°26	8°35	0°59	20°34	19°22	2°8	19°0	S 10
S 11	21 18 24	18°47'40	28°19	7°44	2°0	14°3	19°24	3°38	21°28	8°36	0°59	20°30	19°19	2°15	19°1	S 11
M12	21 22 21	19°45'06	10♏42	7°34	2°42	14°22	19°29	3°38	21°30	8°36	0°59	20°27	19°16	2°21	19°1	M12
T 13	21 26 17	20°42'32	23°22	7°18	3°23	14°41	19°35	3°38	21°32	8°37	1°0	20°D27	19°13	2°28	19°2	T 13
W14	21 30 14	21°39'59	6♏24	6°57	4°4	15°1	19°40	3°38	21°35	8°38	1°0	20°28	19°10	2°35	19°2	W14
T 15	21 34 11	22°37'26	19°52	6°31	4°43	15°21	19°45	3°R39	21°37	8°39	1°1	20°R28	19°7	2°42	19°3	T 15
F 16	21 38 7	23°34'54	3♏47	6°0	5°21	15°42	19°50	3°38	21°39	8°40	1°1	20°27	19°3	2°48	19°3	F 16
S 17	21 42 4	24°32'23	18°11	5°25	5°58	16°3	19°54	3°38	21°41	8°40	1°1	20°25	19°0	2°55	19°4	S 17
S 18	21 46 0	25°29'52	3♏1	4°46	6°34	16°25	19°59	3°38	21°43	8°41	1°1	20°20	18°57	3°2	19°4	S 18
M19	21 49 57	26°27'23	18°10	4°3	7°8	16°47	20°3	3°38	21°45	8°42	1°2	20°12	18°54	3°8	19°4	M19
T 20	21 53 53	27°24'54	3♏29	3°17	7°42	17°10	20°7	3°37	21°47	8°43	1°2	20°3	18°51	3°15	19°4	T 20
W21	21 57 50	28°22'26	18°46	2°30	8°13	17°34	20°11	3°37	21°48	8°44	1°2	19°53	18°48	3°22	19°5	W21
T 22	22 1 46	29°20'00	3♏51	1°41	8°44	17°57	20°14	3°36	21°50	8°45	1°2	19°44	18°44	3°29	19°5	T 22
F 23	22 5 43	0♏17'35	18°35	0°51	9°13	18°22	20°18	3°35	21°52	8°46	1°2	19°37	18°41	3°35	19°R 5	F 23
S 24	22 9 40	1°15'11	2♏51	0°2	9°40	18°46	20°21	3°34	21°54	8°47	1°3	19°32	18°38	3°42	19°5	S 24
S 25	22 13 36	2°12'49	16°39	29♏15	10°6	19°12	20°24	3°33	21°55	8°48	1°3	19°29	18°35	3°49	19°4	S 25
M26	22 17 33	3°10'28	29°58	28°30	10°30	19°37	20°27	3°32	21°57	8°50	1°3	19°D28	18°32	3°55	19°4	M26
T 27	22 21 29	4°8'09	12♏53	27°48	10°53	20°3	20°30	3°31	21°59	8°51	1°3	19°R28	18°28	4°2	19°4	T 27
W28	22 25 26	5°5'51	25°27	27°11	11°14	20°30	20°33	3°30	22°0	8°52	1°3	19°28	18°25	4°9	19°4	W28
T 29	22 29 22	6°3'35	7♏45	26°39	11°33	20°57	20°35	3°29	22°2	8°53	1°3	19°27	18°22	4°16	19°4	T 29
F 30	22 33 19	7°1'21	19°51	26°12	11°50	21°24	20°37	3°27	22°3	8°54	1°3	19°23	18°19	4°22	19°3	F 30
S 31	22 37 15	7♏59'08	1♏49	25♏52	12♏6	21♏52	20♏39	3♏26	22♏5	8♏56	1°R 3	19♏17	18♏16	4♏29	19♏3	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	17n53	23n57	0n36	7n47	1s59	1n36	0s47	25s33	3s30	16n6	1s11	10n16	2s30	23n5	0n1	12s41	1n42
F 2	17 38	24 36	1 40	7 22	2 12	1 9	0 55	25 34	3 29	16 8	1 11	10 17	2 31	23 5	0 1	12 41	1 42
S 3	17 22	24 4	2 39	6 58	2 25	0 42	1 2	25 36	3 29	16 9	1 11	10 17	2 31	23 5	0 1	12 41	1 42
S 4	17 7	22 25	3 30	6 35	2 38	0 16	1 10	25 37	3 29	16 11	1 11	10 17	2 31	23 5	0 1	12 42	1 42
M 5	16 50	19 47	4 12	6 14	2 51	0s10	1 18	25 39	3 28	16 13	1 12	10 17	2 31	23 6	0 1	12 42	1 42
T 6	16 34	16 21	4 42	5 55	3 4	0 37	1 26	25 41	3 28	16 14	1 12	10 17	2 32	23 6	0 1	12 42	1 41
W 7	16 18	12 16	5 0	5 38	3 17	1 3	1 34	25 42	3 28	16 16	1 12	10 17	2 32	23 6	0 1	12 42	1 41
T 8	16 1	7 44	5 5	5 23	3 30	1 29	1 42	25 44	3 27	16 17	1 12	10 17	2 32	23 6	0 1	12 43	1 41
F 9	15 43	2 54	4 57	5 10	3 42	1 54	1 51	25 46	3 27	16 19	1 12	10 17	2 32	23 6	0 1	12 43	1 41
S 10	15 26	2s6	4 35	5 0	3 53	2 20	1 59	25 47	3 26	16 20	1 12	10 17	2 33	23 6	0 1	12 43	1 41
S 11	15 8	7 5	4 1	4 52	4 4	2 45	2 8	25 49	3 26	16 21	1 13	10 17	2 33	23 7	0 1	12 43	1 41
M12	14 51	11 53	3 16	4 46	4 14	3 10	2 17	25 51	3 25	16 23	1 13	10 17	2 33	23 7	0 1	12 44	1 41
T 13	14 33	16 18	2 19	4 43	4 24	3 35	2 26	25 53	3 25	16 24	1 13	10 17	2 33	23 7	0 1	12 44	1 41
W14	14 14	20 5	1 14	4 43	4 32	3 59	2 35	25 54	3 24	16 25	1 13	10 17	2 34	23 7	0 1	12 44	1 41
T 15	13 56	22 55	0 3	4 46	4 39	4 23	2 45	25 56	3 24	16 26	1 13	10 16	2 34	23 7	0 1	12 44	1 41
F 16	13 37	24 29	1s10	4 51	4 45	4 47	2 54	25 58	3 23	16 27	1 14	10 16	2 34	23 7	0 1	12 45	1 41
S 17	13 18	24 28	2 22	4 59	4 50	5 11	3 4	26 0	3 23	16 28	1 14	10 16	2 35	23 7	0 1	12 45	1 41
S 18	12 59	22 46	3 26	5 11	4 53	5 34	3 13	26 1	3 22	16 29	1 14	10 15	2 35	23 8	0 1	12 45	1 41
M19	12 39	19 24	4 17	5 25	4 55	5 56	3 23	26 3	3 21	16 30	1 14	10 15	2 35	23 8	0 1	12 46	1 41
T 20	12 20	14 42	4 50	5 41	4 54	6 19	3 33	26 4	3 21	16 31	1 14	10 15	2 35	23 8	0 1	12 46	1 41
W21	12 0	9 4	5 2	6 0	4 52	6 41	3 44	26 6	3 20	16 32	1 14	10 14	2 36	23 8	0 1	12 47	1 41
T 22	11 40	2 58	4 53	6 21	4 48	7 2	3 54	26 8	3 19	16 33	1 15	10 14	2 36	23 8	0 1	12 47	1 41
F 23	11 20	3n10	4 25	6 43	4 43	7 23	4 4	26 9	3 19	16 34	1 15	10 13	2 36	23 8	0 1	12 47	1 41
S 24	11 0	8 58	3 41	7 8	4 35	7 43	4 15	26 11	3 18	16 34	1 15	10 13	2 36	23 8	0 1	12 48	1 41
S 25	10 39	14 7	2 45	7 33	4 25	8 3	4 25	26 12	3 17	16 35	1 15	10 12	2 37	23 8	0 2	12 48	1 40
M26	10 18	18 25	1 42	7 59	4 14	8 23	4 36	26 13	3 17	16 35	1 15	10 12	2 37	23 8	0 2	12 48	1 40
T 27	9 58	21 41	0 35	8 25	4 2	8 41	4 47	26 15	3 16	16 36	1 16	10 11	2 37	23 9	0 2	12 49	1 40
W28	9 37	23 49	0n32	8 51	3 47	8 59	4 57	26 16	3 15	16 36	1 16	10 10	2 37	23 9	0 2	12 49	1 40
T 29	9 16	24 43	1 35	9 16	3 32	9 17	5 8	26 17	3 14	16 37	1 16	10 10	2 38	23 9	0 2	12 50	1 40
F 30	8 54	24 26	2 33	9 40	3 16	9 34	5 19	26 18	3 13	16 37	1 16	10 9	2 38	23 9	0 2	12 50	1 40
S 31	8n33	23n0	3n24	10n3	2s59	9s50	5s30	26s19	3s13	16n38	1s16	10n8	2s38	23n9	0n2	12s51	1n40

Julian Day Number = 2676746.5, Delta T = 21m18s

Ecliptic obliquity = 23°21'35", Nutation = - 0°00'16"

Ayanamsha: Fagan/Bradley = 33°21'52", Lahiri = 32°28'52"

# ASTRODIENST EPHEMERIS for the year 2616

SEPTEMBER 2616

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 41 12	8♍56'56	13♌43	25°R39	12♋19	22♊20	20♏41	3°R24	22♏6	8♍57	1°R 3	19°R 8	18♏13	4♍36	19°R 2	S 1
M 2	22 45 9	9°54'46	25°35	25°D33	12°30	22°49	20°43	3♋22	22° 7	8°58	1°R 3	18♏57	18° 9	4°42	19♋2	M 2
T 3	22 49 5	10°52'38	7♍26	25♌35	12°40	23°17	20°44	3°20	22° 9	9° 0	1° 3	18°43	18° 6	4°49	19° 1	T 3
W 4	22 53 2	11°50'31	19°19	25°45	12°47	23°47	20°45	3°18	22°10	9° 1	1° 3	18°29	18° 3	4°56	19° 0	W 4
T 5	22 56 58	12°48'25	1♋14	26° 2	12°52	24°16	20°46	3°16	22°11	9° 2	1° 3	18°16	18° 0	5° 3	19° 0	T 5
F 6	23 0 55	13°46'20	13°14	26°28	12°54	24°46	20°47	3°14	22°12	9° 4	1° 3	18° 3	17°57	5° 9	18°59	F 6
S 7	23 4 51	14°44'17	25°20	27° 2	12°R55	25°17	20°48	3°12	22°13	9° 5	1° 3	17°54	17°53	5°16	18°58	S 7
S 8	23 8 48	15°42'15	7♍34	27°43	12°53	25°47	20°48	3° 9	22°14	9° 7	1° 2	17°47	17°50	5°23	18°57	S 8
M 9	23 12 44	16°40'15	19°59	28°32	12°49	26°19	20°48	3° 7	22°15	9° 8	1° 2	17°43	17°47	5°30	18°56	M 9
T 10	23 16 41	17°38'16	2♊39	29°28	12°42	26°50	20°R48	3° 5	22°16	9°10	1° 2	17°41	17°44	5°36	18°55	T 10
W 11	23 20 37	18°36'19	15°37	0♍32	12°33	27°22	20°48	3° 2	22°17	9°11	1° 2	17°40	17°41	5°43	18°54	W 11
T 12	23 24 34	19°34'22	28°58	1°42	12°21	27°54	20°48	2°59	22°18	9°13	1° 2	17°40	17°38	5°50	18°53	T 12
F 13	23 28 31	20°32'27	12♋45	2°58	12° 8	28°26	20°47	2°56	22°19	9°15	1° 1	17°39	17°34	5°56	18°52	F 13
S 14	23 32 27	21°30'34	26°58	4°20	11°51	28°59	20°46	2°54	22°19	9°16	1° 1	17°36	17°31	6° 3	18°51	S 14
S 15	23 36 24	22°28'42	11♋37	5°47	11°33	29°31	20°45	2°51	22°20	9°18	1° 1	17°30	17°28	6°10	18°50	S 15
M 16	23 40 20	23°26'51	26°37	7°19	11°12	0♋5	20°44	2°48	22°21	9°19	1° 0	17°22	17°25	6°17	18°48	M 16
T 17	23 44 17	24°25'01	11♋51	8°55	10°49	0°38	20°43	2°45	22°21	9°21	1° 0	17°12	17°22	6°23	18°47	T 17
W 18	23 48 13	25°23'14	27° 7	10°35	10°24	1°12	20°41	2°41	22°22	9°23	1° 0	17° 1	17°19	6°30	18°46	W 18
T 19	23 52 10	26°21'28	12♋16	12°18	9°57	1°46	20°39	2°38	22°22	9°25	0°59	16°51	17°15	6°37	18°44	T 19
F 20	23 56 6	27°19'43	27° 5	14° 3	9°28	2°20	20°37	2°35	22°23	9°26	0°59	16°42	17°12	6°43	18°43	F 20
S 21	0 0 3	28°18'01	11♋30	15°51	8°57	2°55	20°35	2°31	22°23	9°28	0°59	16°36	17° 9	6°50	18°41	S 21
S 22	0 4 0	29°16'21	25°25	17°41	8°25	3°30	20°33	2°28	22°23	9°30	0°58	16°32	17° 6	6°57	18°40	S 22
M 23	0 7 56	0♋14'43	8♏50	19°32	7°51	4° 5	20°30	2°24	22°24	9°32	0°58	16°31	17° 3	7° 4	18°38	M 23
T 24	0 11 53	1°13'07	21°48	21°24	7°17	4°40	20°27	2°21	22°24	9°34	0°57	16°D31	16°59	7°10	18°36	T 24
W 25	0 15 49	2°11'33	4♋24	23°16	6°41	5°15	20°24	2°17	22°24	9°35	0°57	16°R31	16°56	7°17	18°35	W 25
T 26	0 19 46	3°10'01	16°41	25° 9	6° 5	5°51	20°21	2°13	22°24	9°37	0°56	16°30	16°53	7°24	18°33	T 26
F 27	0 23 42	4° 8'32	28°45	27° 2	5°28	6°27	20°18	2° 9	22°24	9°39	0°56	16°27	16°50	7°30	18°31	F 27
S 28	0 27 39	5° 7'04	10♌41	28°55	4°51	7° 3	20°14	2° 5	22°R24	9°41	0°55	16°22	16°47	7°37	18°29	S 28
S 29	0 31 35	6° 5'39	22°32	0♋47	4°14	7°40	20°11	2° 2	22°24	9°43	0°55	16°14	16°44	7°44	18°27	S 29
M 30	0 35 32	7♋4'15	4♍23	2♋40	3♋37	8♋17	20♋7	1♋58	22♏24	9♍45	0♏54	16♏4	16♏40	7♍51	18♋25	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	8n11	20n34	4n 5	10n24	2s41	10s 5	5s41	26s20	3s12	16n38	1s17	10n 7	2s38	23n 9	0n 2	12s51
M 2	7 50	17 16	4 35	10 43	2 23	10 19	5 52	26 21	3 11	16 38	1 17	10 7	2 39	23 9	0 2	12 52
T 3	7 28	13 18	4 54	11 0	2 5	10 33	6 3	26 21	3 10	16 38	1 17	10 6	2 39	23 9	0 2	12 52
W 4	7 6	8 48	4 59	11 14	1 46	10 46	6 13	26 22	3 9	16 38	1 17	10 5	2 39	23 9	0 2	12 52
T 5	6 44	3 59	4 52	11 25	1 28	10 57	6 24	26 22	3 8	16 39	1 17	10 4	2 39	23 9	0 2	12 53
F 6	6 22	1s 2	4 32	11 33	1 10	11 8	6 35	26 23	3 8	16 39	1 18	10 3	2 39	23 10	0 2	12 53
S 7	5 59	6 3	3 59	11 38	0 52	11 18	6 45	26 23	3 7	16 39	1 18	10 2	2 40	23 10	0 2	12 54
S 8	5 37	10 55	3 15	11 40	0 36	11 27	6 55	26 23	3 6	16 38	1 18	10 1	2 40	23 10	0 2	12 54
M 9	5 15	15 25	2 21	11 39	0 19	11 34	7 5	26 23	3 5	16 38	1 18	10 0	2 40	23 10	0 2	12 55
T 10	4 52	19 20	1 19	11 34	0 4	11 40	7 15	26 23	3 4	16 38	1 18	9 59	2 40	23 10	0 2	12 55
W 11	4 30	22 24	0 11	11 25	0n11	11 45	7 24	26 23	3 3	16 38	1 19	9 58	2 41	23 10	0 2	12 56
T 12	4 7	24 21	0s59	11 13	0 25	11 49	7 33	26 23	3 2	16 38	1 19	9 57	2 41	23 10	0 2	12 57
F 13	3 44	24 53	2 8	10 58	0 37	11 52	7 42	26 22	3 1	16 37	1 19	9 56	2 41	23 10	0 2	12 57
S 14	3 21	23 50	3 11	10 39	0 49	11 53	7 50	26 22	3 0	16 37	1 19	9 54	2 41	23 10	0 2	12 58
S 15	2 59	21 9	4 4	10 17	1 0	11 53	7 58	26 21	2 59	16 36	1 19	9 53	2 41	23 10	0 2	12 58
M 16	2 36	17 0	4 41	9 52	1 9	11 51	8 5	26 20	2 58	16 36	1 19	9 52	2 42	23 10	0 2	12 59
T 17	2 13	11 42	4 59	9 24	1 18	11 48	8 12	26 19	2 57	16 35	1 20	9 51	2 42	23 10	0 2	12 59
W 18	1 50	5 40	4 56	8 53	1 25	11 44	8 18	26 18	2 56	16 35	1 20	9 50	2 42	23 10	0 2	13 0
T 19	1 27	0n39	4 32	8 20	1 32	11 38	8 23	26 16	2 55	16 34	1 20	9 48	2 42	23 10	0 2	13 0
F 20	1 4	6 50	3 50	7 45	1 37	11 31	8 28	26 15	2 54	16 34	1 20	9 47	2 42	23 10	0 2	13 1
S 21	0 40	12 28	2 54	7 7	1 41	11 22	8 31	26 13	2 53	16 33	1 20	9 46	2 43	23 10	0 2	13 2
S 22	0 17	17 17	1 49	6 27	1 44	11 12	8 34	26 11	2 52	16 32	1 20	9 44	2 43	23 10	0 2	13 2
M 23	0s 6	21 2	0 41	5 46	1 47	11 0	8 36	26 9	2 51	16 31	1 21	9 43	2 43	23 10	0 2	13 3
T 24	0 29	23 34	0n28	5 4	1 48	10 48	8 37	26 7	2 50	16 30	1 21	9 42	2 43	23 10	0 2	13 3
W 25	0 52	24 51	1 33	4 20	1 49	10 34	8 38	26 4	2 49	16 29	1 21	9 40	2 43	23 10	0 2	13 4
T 26	1 15	24 51	2 33	3 35	1 49	10 19	8 37	26 2	2 48	16 28	1 21	9 39	2 43	23 10	0 2	13 5
F 27	1 38	23 40	3 24	2 50	1 48	10 3	8 35	25 59	2 47	16 27	1 21	9 37	2 43	23 10	0 2	13 5
S 28	2 2	21 26	4 6	2 4	1 47	9 46	8 33	25 56	2 46	16 26	1 21	9 36	2 44	23 10	0 2	13 6
S 29	2 25	18 19	4 37	1 17	1 45	9 28	8 29	25 53	2 45	16 25	1 22	9 34	2 44	23 10	0 2	13 7
M 30	2s48	14n27	4n55	0n31	1n42	9s 9	8s25	25s50	2s44	16n24	1s22	9n33	2s44	23n10	0n 2	13s 7

Julian Day Number = 2676777.5, Delta T = 21m18s  
 Ecliptic obliquity = 23°21'35, Nutation = - 0°00'16  
 Ayanamsha: Fagan/Bradley = 33°21'57, Lahiri = 32°28'57

## ASTRODIENST EPHEMERIS for the year 2616

OCTOBER 2616

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 39 29	8♌25'4	16♏16	4♊31	3°R 1	8♌53	20°R 3	1°R53	22°R24	9♏47	0°R53	15°R52	16♏37	7♏57	18°R23	T 1
W 2	0 43 25	9° 1'34	28°13	6°22	2♊25	9°31	19°58	1♌49	22♏24	9°49	0♏53	15♏39	16°34	8° 4	18♌21	W 2
T 3	0 47 22	10° 0'17	10♌15	8°13	1°50	10° 8	19°54	1°45	22°23	9°51	0°52	15°27	16°31	8°11	18°19	T 3
F 4	0 51 18	10°59'01	22°24	10° 2	1°17	10°45	19°49	1°41	22°23	9°53	0°51	15°16	16°28	8°18	18°17	F 4
S 5	0 55 15	11°57'48	4♏41	11°51	0°45	11°23	19°44	1°37	22°23	9°55	0°51	15° 7	16°25	8°24	18°15	S 5
S 6	0 59 11	12°56'36	17° 6	13°39	0°14	12° 1	19°39	1°32	22°22	9°57	0°50	15° 1	16°21	8°31	18°13	S 6
M 7	1 3 8	13°55'26	29°42	15°25	29♏45	12°39	19°34	1°28	22°22	9°59	0°49	14°58	16°18	8°38	18°10	M 7
T 8	1 7 4	14°54'18	12♌31	17°12	29°18	13°18	19°29	1°24	22°21	10° 1	0°49	14°D56	16°15	8°44	18° 8	T 8
W 9	1 11 1	15°53'11	25°34	18°57	28°53	13°56	19°23	1°19	22°21	10° 3	0°48	14°57	16°12	8°51	18° 6	W 9
T 10	1 14 58	16°52'07	8♌55	20°41	28°30	14°35	19°18	1°15	22°20	10° 5	0°47	14°57	16° 9	8°58	18° 3	T 10
F 11	1 18 54	17°51'04	22°36	22°24	28°10	15°14	19°12	1°10	22°20	10° 7	0°46	14°R58	16° 5	9° 5	18° 1	F 11
S 12	1 22 51	18°50'03	6♌38	24° 7	27°51	15°53	19° 6	1° 6	22°19	10° 9	0°46	14°56	16° 2	9°11	17°59	S 12
S 13	1 26 47	19°49'03	21° 1	25°48	27°35	16°32	19° 0	1° 1	22°18	10°11	0°45	14°53	15°59	9°18	17°56	S 13
M14	1 30 44	20°48'05	5♏42	27°29	27°21	17°11	18°54	0°56	22°17	10°14	0°44	14°47	15°56	9°25	17°54	M14
T 15	1 34 40	21°47'09	20°36	29° 9	27°10	17°51	18°47	0°52	22°16	10°16	0°43	14°40	15°53	9°31	17°51	T 15
W16	1 38 37	22°46'14	5♏35	0♏48	27° 1	18°30	18°41	0°47	22°16	10°18	0°42	14°31	15°50	9°38	17°49	W16
T 17	1 42 33	23°45'22	20°30	2°27	26°54	19°10	18°34	0°42	22°15	10°20	0°41	14°24	15°46	9°45	17°46	T 17
F 18	1 46 30	24°44'32	5♏12	4° 4	26°50	19°50	18°27	0°38	22°14	10°22	0°41	14°17	15°43	9°52	17°44	F 18
S 19	1 50 26	25°43'43	19°33	5°41	26°D49	20°30	18°20	0°33	22°13	10°24	0°40	14°12	15°40	9°58	17°41	S 19
S 20	1 54 23	26°42'57	3♏29	7°17	26°50	21°11	18°13	0°28	22°12	10°27	0°39	14°10	15°37	10° 5	17°38	S 20
M21	1 58 20	27°42'13	16°59	8°52	26°53	21°51	18° 6	0°24	22°10	10°29	0°38	14°D10	15°34	10°12	17°36	M21
T 22	2 2 16	28°41'32	0♏2	10°27	26°58	22°32	17°59	0°19	22° 9	10°31	0°37	14°10	15°30	10°19	17°33	T 22
W23	2 6 13	29°40'52	12°41	12° 1	27° 6	23°12	17°52	0°14	22° 8	10°33	0°36	14°12	15°27	10°25	17°30	W23
T 24	2 10 9	0♏40'15	25° 2	13°34	27°16	23°53	17°44	0° 9	22° 7	10°35	0°35	14°R13	15°24	10°32	17°28	T 24
F 25	2 14 6	1°39'40	7♏8	15° 7	27°28	24°34	17°37	0° 5	22° 5	10°38	0°34	14°13	15°21	10°39	17°25	F 25
S 26	2 18 2	2°39'08	19° 5	16°38	27°43	25°15	17°29	29♏59	22° 4	10°40	0°33	14°11	15°18	10°45	17°22	S 26
S 27	2 21 59	3°38'37	0♏57	18°10	27°59	25°56	17°22	29°55	22° 3	10°42	0°32	14° 8	15°15	10°52	17°19	S 27
M28	2 25 56	4°38'09	12°49	19°40	28°18	26°38	17°14	29°51	22° 1	10°44	0°31	14° 3	15°11	10°59	17°16	M28
T 29	2 29 52	5°37'43	24°44	21°10	28°38	27°19	17° 6	29°46	22° 0	10°46	0°30	13°56	15° 8	11° 6	17°14	T 29
W30	2 33 49	6°37'19	6♏46	22°39	29° 0	28° 1	16°58	29°41	21°58	10°49	0°29	13°49	15° 5	11°12	17°11	W30
T 31	2 37 45	7♏36'57	18♌56	24♏8	29♏24	28♌42	16♌50	29♏36	21♏57	10♏51	0♏28	13♏42	15♏2	11♏19	17♌8	T 31

Day	☉	☽		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂			
-----	---	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	--	--

Julian Day Number = 2676807.5, Delta T = 21m18s

Ecliptic obliquity = 23°21'36", Nutation = - 0°00'17"

Ayanamsha: Fagan/Bradley = 33°22'01", Lahiri = 32°29'01"







## ASTRODIENST EPHEMERIS for the year 2617

FEBRUARY 2617

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 44 25	11°41'08"	18°37'	3°29'	1°35'	7°18'	12°3'	27°49'	18°R38	13°M22	29°R 7	11°R16	10°II 6	21°M44	14°R23	S 1
S 2	8 48 22	12°42'10"	3°V26	5° 6'	2°16'	8° 3'	12° 9'	27°52'	18°II37	13°23	29°R 7	11°II 8	10° 3'	21°51'	14°24'	S 2
M 3	8 52 18	13°43'11"	17°59'	6°43'	3°28'	8°48'	12°14'	27°56'	18°35'	13°23	29° 6'	11° 3'	10° 0'	21°58'	14°24'	M 3
T 4	8 56 15	14°44'11"	2°B10	8°21'	4°40'	9°32'	12°20'	28° 0'	18°34'	13°23	29° 6'	11° 0'	9°57'	22° 5'	14°25'	T 4
W 5	9 0 11	15°45'11"	16° 0'	9°59'	5°52'	10°17'	12°26'	28° 4'	18°33'	13°24	29° 6'	11°D 0	9°54'	22°11'	14°25'	W 5
T 6	9 4 8	16°46'09"	29°28'	11°38'	7° 4'	11° 2'	12°32'	28° 7'	18°32'	13°24	29° 6'	11° 0'	9°51'	22°18'	14°26'	T 6
F 7	9 8 4	17°47'06"	12°II38	13°18'	8°16'	11°46'	12°38'	28°11'	18°31'	13°24	29° 6'	11°R 0	9°47'	22°25'	14°27'	F 7
S 8	9 12 1	18°48'02"	25°32'	14°58'	9°28'	12°31'	12°45'	28°16'	18°30'	13°24	29° 6'	10°59'	9°44'	22°31'	14°28'	S 8
S 9	9 15 57	19°48'57"	8°B12	16°39'	10°40'	13°15'	12°51'	28°20'	18°29'	13°24	29° 6'	10°56'	9°41'	22°38'	14°29'	S 9
M10	9 19 54	20°49'51"	20°42'	18°21'	11°52'	14° 0'	12°58'	28°24'	18°29'	13°25	29° 6'	10°50'	9°38'	22°45'	14°30'	M10
T 11	9 23 51	21°50'44"	3°Q 2	20° 3'	13° 5'	14°44'	13° 5'	28°28'	18°28'	13°25	29° 6'	10°41'	9°35'	22°52'	14°31'	T 11
W12	9 27 47	22°51'35"	15°15'	21°46'	14°17'	15°29'	13°12'	28°33'	18°27'	13°25	29°D 6	10°29'	9°32'	22°58'	14°32'	W12
T 13	9 31 44	23°52'26"	27°21'	23°30'	15°29'	16°13'	13°20'	28°37'	18°26'	13°R25	29° 6'	10°16'	9°28'	23° 5'	14°33'	T 13
F 14	9 35 40	24°53'15"	9°M20	25°15'	16°42'	16°57'	13°27'	28°42'	18°26'	13°25	29° 6'	10° 2'	9°25'	23°12'	14°34'	F 14
S 15	9 39 37	25°54'03"	21°15'	27° 0'	17°54'	17°42'	13°35'	28°46'	18°25'	13°25	29° 6'	9°48'	9°22'	23°18'	14°35'	S 15
S 16	9 43 33	26°54'51"	3°A 7	28°46'	19° 7'	18°26'	13°42'	28°51'	18°25'	13°25	29° 6'	9°36'	9°19'	23°25'	14°37'	S 16
M17	9 47 30	27°55'37"	14°58'	0°K33	20°19'	19°10'	13°50'	28°56'	18°24'	13°25	29° 6'	9°26'	9°16'	23°32'	14°38'	M17
T 18	9 51 26	28°56'22"	26°50'	2°20'	21°32'	19°54'	13°58'	29° 1'	18°24'	13°24	29° 6'	9°19'	9°12'	23°39'	14°39'	T 18
W19	9 55 23	29°57'07"	8°M48	4° 8'	22°45'	20°39'	14° 6'	29° 6'	18°24'	13°24	29° 6'	9°15'	9° 9'	23°45'	14°41'	W19
T 20	9 59 20	0°K57'50"	20°57'	5°56'	23°57'	21°23'	14°15'	29°11'	18°23'	13°24	29° 6'	9°13'	9° 6'	23°52'	14°42'	T 20
F 21	10 3 16	1°58'32"	3°J21	7°45'	25°10'	22° 7'	14°23'	29°16'	18°23'	13°24	29° 6'	9°13'	9° 3'	23°59'	14°44'	F 21
S 22	10 7 13	2°59'14"	16° 6'	9°34'	26°23'	22°51'	14°32'	29°21'	18°23'	13°24	29° 7'	9°13'	9° 0'	24° 5'	14°46'	S 22
S 23	10 11 9	3°59'54"	29°15'	11°24'	27°36'	23°35'	14°41'	29°27'	18°23'	13°23	29° 7'	9°12'	8°57'	24°12'	14°47'	S 23
M24	10 15 6	5° 0'34"	12°B54	13°14'	28°49'	24°19'	14°49'	29°32'	18°23'	13°23	29° 7'	9° 9'	8°53'	24°19'	14°49'	M24
T 25	10 19 2	6° 1'12"	27° 3'	15° 4'	0°A 2	25° 3'	14°58'	29°38'	18°D23	13°23	29° 7'	9° 3'	8°50'	24°26'	14°51'	T 25
W26	10 22 59	7° 1'49"	11°A41	16°54'	1°15'	25°47'	15° 8'	29°43'	18°23'	13°22	29° 8'	8°54'	8°47'	24°32'	14°53'	W26
T 27	10 26 55	8° 2'25"	26°42'	18°43'	2°28'	26°31'	15°17'	29°49'	18°23'	13°22	29° 8'	8°43'	8°44'	24°39'	14°55'	T 27
F 28	10 30 52	9°K 2'59"	11°K57	20°K32	3°A41	27°V15	15°B26	29°V54	18°II23	13°M21	29°R 8	8°II32	8°II41	24°M46	14°B57	F 28

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17s13	9s 7	5s 1	21s 1	1s45	21s31	1n50	2n35	0s20	14n25	1s 2	8n25	2s25	22n56	0n 3	14s11	1n42	5n27	14s47	22n 3	21n53	7n54	14n 5	2s 7	
S 2	16 56	2 57	4 41	20 41	1 49	21 33	1 47	2 54	0 19	14 27	1 2	8 26	2 24	22 56	0 3	14 11	1 42	5 27	14 46	22 2	21 53	7 51	14 5	2 7	
M 3	16 39	3n16	4 4	20 20	1 52	21 34	1 44	3 12	0 18	14 29	1 2	8 28	2 24	22 55	0 3	14 11	1 42	5 27	14 46	22 2	21 53	7 48	14 5	2 7	
T 4	16 22	9 12	3 11	19 58	1 55	21 35	1 41	3 31	0 17	14 31	1 2	8 29	2 24	22 55	0 3	14 11	1 42	5 27	14 46	22 1	21 52	7 45	14 5	2 7	
W 5	16 4	14 31	2 9	19 34	1 58	21 36	1 38	3 49	0 16	14 33	1 1	8 31	2 24	22 55	0 3	14 11	1 42	5 28	14 45	22 1	21 52	7 43	14 6	2 7	
T 6	15 46	18 59	1 1	19 9	2 0	21 35	1 35	4 7	0 15	14 35	1 1	8 32	2 23	22 55	0 3	14 11	1 42	5 28	14 45	22 1	21 51	7 40	14 6	2 7	
F 7	15 27	22 23	0n 9	18 43	2 2	21 34	1 32	4 26	0 14	14 37	1 1	8 34	2 23	22 55	0 3	14 11	1 42	5 28	14 45	22 1	21 51	7 37	14 6	2 7	
S 8	15 8	24 33	1 16	18 15	2 3	21 33	1 29	4 44	0 13	14 39	1 0	8 36	2 23	22 55	0 3	14 11	1 42	5 29	14 44	22 1	21 50	7 34	14 6	2 7	
S 9	14 49	25 25	2 19	17 46	2 5	21 31	1 26	5 2	0 12	14 41	1 0	8 37	2 23	22 55	0 3	14 11	1 42	5 29	14 44	22 1	21 50	7 31	14 7	2 7	
M10	14 30	24 58	3 14	17 16	2 5	21 28	1 22	5 20	0 11	14 44	1 0	8 39	2 22	22 55	0 3	14 11	1 42	5 29	14 44	22 0	21 49	7 28	14 7	2 7	
T 11	14 11	23 17	3 59	16 44	2 6	21 24	1 19	5 38	0 10	14 46	1 0	8 41	2 22	22 55	0 3	14 11	1 43	5 30	14 43	21 58	21 49	7 26	14 7	2 7	
W12	13 51	20 32	4 32	16 11	2 6	21 20	1 16	5 56	0 9	14 48	0 59	8 43	2 22	22 55	0 3	14 11	1 43	5 30	14 43	21 57	21 48	7 23	14 8	2 6	
T 13	13 31	16 56	4 53	15 37	2 5	21 16	1 13	6 14	0 8	14 51	0 59	8 44	2 22	22 55	0 3	14 11	1 43	5 30	14 43	21 55	21 48	7 20	14 8	2 6	
F 14	13 11	12 40	5 0	15 1	2 5	21 11	1 9	6 32	0 7	14 53	0 59	8 46	2 21	22 55	0 3	14 11	1 43	5 31	14 42	21 53	21 47	7 17	14 8	2 6	
S 15	12 51	7 58	4 54	14 24	2 3	21 5	1 6	6 49	0 7	14 56	0 59	8 48	2 21	22 55	0 3	14 11	1 43	5 31	14 42	21 51	21 47	7 14	14 9	2 6	
S 16	12 30	2 59	4 36	13 46	2 1	20 58	1 2	7 7	0 6	14 58	0 58	8 50	2 21	22 55	0 3	14 11	1 43	5 31	14 42	21 49	21 46	7 11	14 9	2 6	
M17	12 9	2s 6	4 5	13 6	1 59	20 51	0 59	7 24	0 5	15 1	0 58	8 52	2 21	22 55	0 3	14 11	1 43	5 32	14 41	21 47	21 46	7 8	14 10	2 6	
T 18	11 48	7 8	3 24	12 25	1 56	20 44	0 56	7 42	0 4	15 3	0 58	8 54	2 21	22 55	0 3	14 10	1 43	5 32	14 41	21 46	21 45	7 6	14 10	2 6	
W19	11 27	11 58	2 33	11 43	1 53	20 35	0 52	7 59	0 3	15 6	0 58	8 56	2 20	22 55	0 3	14 10	1 43	5 32	14 41	21 46	21 45	7 3	14 11	2 6	
T 20	11 6	16 24	1 35	11 0	1 49	20 26	0 49	8 17	0 2	15 9	0 57	8 58	2 20	22 55	0 3	14 10	1 43	5 33	14 40	21 46	21 45	7 0	14 11	2 6	
F 21	10 44	20 15	0 31	10 15	1 45	20 17	0 46	8 34	0 1	15 11	0 57	9 0	2 20	22 55	0 3	14 10	1 43	5 33	14 40	21 46	21 44	6 57	14 12	2 6	
S 22	10 23	23 14	0s36	9 29	1 39	20 7	0 42	8 51	0 0	15 14	0 57	9 2	2 20	22 55	0 3	14 10	1 43	5 33	14 40	21 46	21 44	6 54	14 12	2 6	
S 23	10 1	25 5	1 44	8 43	1 34	19 56	0 39	9 8	0n 0	15 17	0 57	9 4	2 19	22 55	0 3	14 10	1 43	5 34	14 39	21 45	21 43	6 51	14 13	2 6	
M24	9 39	25 31	2 48	7 55	1 28	19 45	0 35	9 25	0 1	15 20	0 56	9 6	2 19	22 55	0 3	14 10	1 43	5 34	14 39	21 45	21 43	6 48	14 13	2 6	
T 25	9 16	24 20	3 44	7 6	1 21	19 33	0 32	9 42	0 2	15 23	0 56	9 8	2 19	22 55	0 3	14 9	1 43	5 34	14 39	21 44	21 42	6 46	14 14	2 6	
W26	8 54	21 30	4 27	6 17	1 13	19 21	0 29	9 59	0 3	15 26	0 56	9 10	2 19	22 55	0 3	14 9	1 43	5 35	14 38	21 43	21 42	6 43	14 14	2 6	
T 27	8 32	17 10	4 53	5 27	1 5	19 8	0 25	10 15	0 4	15 28	0 56	9 12	2 19	22 55	0 3	14 9	1 43	5 35	14 38	21 41	21 41	6 40	14 15	2 6	
F 28	8s 9	11s40	4s59	4s36	0s56	18s55	0n22	10n32	0n 5	15n31	0s56	9n14	2s18	22n55	0n 3	14s 9	1n43	5n36	14s38	21n39	21n41	6n37	14n16	2s 6	

Julian Day Number = 2676930.5, Delta T = 21m20s

Ecliptic obliquity = 23°21'36", Nutation = - 0°00'15"

Ayanamsha: Fagan/Bradley = 33°22'18", Lahiri = 32°29'18"

## ASTRODIENST EPHEMERIS for the year 2617

MARCH 2617

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 34 49	10° 3' 32"	27° 16'	22° 21'	4° 54'	27° 59'	15° 36'	29° 59'	18° 23'	13° 21'	29° 9'	8° 20'	8° 38'	24° 52'	14° 59'	S 1
S 2	10 38 45	11° 4' 03"	12° 26'	24° 8'	6° 7'	28° 43'	15° 46'	0° 6'	18° 23'	13° 20'	29° 9'	8° 11'	8° 34'	24° 59'	15° 1'	S 2
M 3	10 42 42	12° 4' 33"	27° 18'	25° 53'	7° 20'	29° 26'	15° 55'	0° 12'	18° 23'	13° 20'	29° 9'	8° 3'	8° 31'	25° 6'	15° 3'	M 3
T 4	10 46 38	13° 5' 00"	11° 45'	27° 37'	8° 33'	0° 10'	16° 5'	0° 18'	18° 24'	13° 19'	29° 10'	7° 59'	8° 28'	25° 13'	15° 5'	T 4
W 5	10 50 35	14° 5' 26"	25° 46'	29° 18'	9° 46'	0° 54'	16° 15'	0° 23'	18° 24'	13° 18'	29° 10'	7° 57'	8° 25'	25° 19'	15° 7'	W 5
T 6	10 54 31	15° 5' 50"	9° 19'	0° 56'	10° 59'	1° 38'	16° 25'	0° 30'	18° 25'	13° 18'	29° 11'	7° 57'	8° 22'	25° 26'	15° 9'	T 6
F 7	10 58 28	16° 6' 12"	22° 28'	2° 31'	12° 12'	2° 21'	16° 36'	0° 36'	18° 25'	13° 17'	29° 11'	7° 57'	8° 18'	25° 33'	15° 12'	F 7
S 8	11 2 24	17° 6' 32"	5° 16'	4° 1'	13° 26'	3° 5'	16° 46'	0° 42'	18° 26'	13° 16'	29° 12'	7° 56'	8° 15'	25° 40'	15° 14'	S 8
S 9	11 6 21	18° 6' 51"	17° 48'	5° 27'	14° 39'	3° 48'	16° 56'	0° 48'	18° 26'	13° 16'	29° 12'	7° 53'	8° 12'	25° 46'	15° 16'	S 9
M10	11 10 18	19° 7' 07"	0° 6'	6° 48'	15° 52'	4° 32'	17° 7'	0° 54'	18° 27'	13° 15'	29° 13'	7° 47'	8° 9'	25° 53'	15° 19'	M10
T 11	11 14 14	20° 7' 21"	12° 15'	8° 3'	17° 5'	5° 15'	17° 18'	1° 1'	18° 28'	13° 14'	29° 13'	7° 38'	8° 6'	26° 0'	15° 21'	T 11
W12	11 18 11	21° 7' 34"	24° 18'	9° 12'	18° 19'	5° 59'	17° 29'	1° 7'	18° 28'	13° 13'	29° 14'	7° 26'	8° 3'	26° 6'	15° 24'	W12
T 13	11 22 7	22° 7' 44"	6° 15'	10° 13'	19° 32'	6° 42'	17° 39'	1° 13'	18° 29'	13° 12'	29° 15'	7° 13'	7° 59'	26° 13'	15° 26'	T 13
F 14	11 26 4	23° 7' 53"	18° 9'	11° 7'	20° 45'	7° 26'	17° 50'	1° 20'	18° 30'	13° 11'	29° 15'	6° 59'	7° 56'	26° 20'	15° 29'	F 14
S 15	11 30 0	24° 8' 00"	0° 2'	11° 53'	21° 59'	8° 9'	18° 1'	1° 26'	18° 31'	13° 11'	29° 16'	6° 45'	7° 53'	26° 27'	15° 32'	S 15
S 16	11 33 57	25° 8' 05"	11° 54'	12° 30'	23° 12'	8° 52'	18° 13'	1° 33'	18° 32'	13° 10'	29° 17'	6° 33'	7° 50'	26° 33'	15° 34'	S 16
M17	11 37 53	26° 8' 08"	23° 46'	12° 59'	24° 25'	9° 35'	18° 24'	1° 39'	18° 33'	13° 9'	29° 17'	6° 23'	7° 47'	26° 40'	15° 37'	M17
T 18	11 41 50	27° 8' 10"	5° 14'	13° 19'	25° 39'	10° 19'	18° 35'	1° 46'	18° 34'	13° 8'	29° 18'	6° 16'	7° 43'	26° 47'	15° 40'	T 18
W19	11 45 46	28° 8' 10"	17° 44'	13° 29'	26° 52'	11° 2'	18° 47'	1° 53'	18° 35'	13° 7'	29° 19'	6° 12'	7° 40'	26° 53'	15° 42'	W19
T 20	11 49 43	29° 8' 09"	29° 55'	13° 31'	28° 6'	11° 45'	18° 58'	2° 0'	18° 36'	13° 6'	29° 19'	6° 10'	7° 37'	27° 0'	15° 45'	T 20
F 21	11 53 40	0° 8' 06"	12° 20'	13° 24'	29° 19'	12° 28'	19° 10'	2° 6'	18° 38'	13° 4'	29° 20'	6° 10'	7° 34'	27° 7'	15° 48'	F 21
S 22	11 57 36	1° 8' 01"	25° 2'	13° 8'	0° 32'	13° 11'	19° 22'	2° 13'	18° 39'	13° 3'	29° 21'	6° 11'	7° 31'	27° 14'	15° 51'	S 22
S 23	12 1 33	2° 7' 55"	8° 6'	12° 44'	1° 46'	13° 54'	19° 34'	2° 20'	18° 40'	13° 2'	29° 22'	6° 11'	7° 28'	27° 20'	15° 54'	S 23
M24	12 5 29	3° 7' 47"	21° 36'	12° 13'	2° 59'	14° 37'	19° 45'	2° 27'	18° 42'	13° 1'	29° 23'	6° 9'	7° 24'	27° 27'	15° 57'	M24
T 25	12 9 26	4° 7' 37"	5° 35'	11° 35'	4° 13'	15° 20'	19° 57'	2° 34'	18° 43'	13° 0'	29° 23'	6° 5'	7° 21'	27° 34'	16° 0'	T 25
W26	12 13 22	5° 7' 26"	20° 1'	10° 52'	5° 26'	16° 3'	20° 10'	2° 41'	18° 44'	12° 59'	29° 24'	5° 59'	7° 18'	27° 40'	16° 3'	W26
T 27	12 17 19	6° 7' 13"	4° 53'	10° 3'	6° 40'	16° 46'	20° 22'	2° 48'	18° 46'	12° 58'	29° 25'	5° 51'	7° 15'	27° 47'	16° 6'	T 27
F 28	12 21 15	7° 6' 58"	20° 4'	9° 12'	7° 54'	17° 29'	20° 34'	2° 55'	18° 48'	12° 56'	29° 26'	5° 42'	7° 12'	27° 54'	16° 9'	F 28
S 29	12 25 12	8° 6' 42"	5° 22'	8° 18'	9° 7'	18° 11'	20° 46'	3° 2'	18° 49'	12° 55'	29° 27'	5° 33'	7° 9'	28° 1'	16° 13'	S 29
S 30	12 29 9	9° 6' 23"	20° 38'	7° 22'	10° 21'	18° 54'	20° 59'	3° 9'	18° 51'	12° 54'	29° 28'	5° 25'	7° 5'	28° 7'	16° 16'	S 30
M31	12 33 5	10° 6' 03"	5° 39'	6° 27'	11° 34'	19° 37'	21° 11'	3° 16'	18° 53'	12° 52'	29° 29'	5° 20'	7° 2'	28° 14'	16° 19'	M31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	7s46	5s26	4s44	3s45	0s47	18s41	0n19	10n48	0n 5	15n34	0s55	9n17	2s18	22n55	0n 3	14s 9
S 2	7 23	1n 5	4 9	2 53	0 36	18 26	0 15	11 5	0 6	15 37	0 55	9 19	2 18	22 55	0 3	14 9
M 3	7 1	7 25	3 17	2 1	0 26	18 11	0 12	11 21	0 7	15 40	0 55	9 21	2 18	22 55	0 3	14 8
T 4	6 38	13 11	2 14	1 10	0 14	17 55	0 9	11 37	0 8	15 43	0 55	9 23	2 18	22 55	0 3	14 8
W 5	6 14	18 6	1 4	0 19	0 2	17 39	0 6	11 53	0 9	15 46	0 54	9 25	2 18	22 55	0 3	14 8
T 6	5 51	21 54	0n 7	0n32	0n10	17 23	0 2	12 9	0 9	15 50	0 54	9 28	2 17	22 55	0 3	14 8
F 7	5 28	24 25	1 16	1 21	0 23	17 6	0s 1	12 25	0 10	15 53	0 54	9 30	2 17	22 55	0 3	14 7
S 8	5 4	25 34	2 19	2 9	0 37	16 48	0 4	12 40	0 11	15 56	0 54	9 32	2 17	22 55	0 3	14 7
S 9	4 41	25 23	3 14	2 56	0 50	16 30	0 7	12 56	0 12	15 59	0 54	9 34	2 17	22 55	0 3	14 7
M10	4 18	23 57	3 59	3 41	1 4	16 11	0 10	13 11	0 13	16 2	0 53	9 37	2 17	22 55	0 3	14 7
T 11	3 54	21 25	4 32	4 23	1 18	15 52	0 13	13 26	0 13	16 5	0 53	9 39	2 17	22 55	0 3	14 6
W12	3 30	17 58	4 52	5 3	1 33	15 33	0 16	13 42	0 14	16 9	0 53	9 41	2 16	22 55	0 3	14 6
T 13	3 7	13 50	5 0	5 40	1 47	15 13	0 19	13 56	0 15	16 12	0 53	9 44	2 16	22 55	0 3	14 6
F 14	2 43	9 11	4 55	6 14	2 1	14 53	0 22	14 11	0 15	16 15	0 53	9 46	2 16	22 55	0 3	14 5
S 15	2 19	4 13	4 36	6 44	2 14	14 32	0 25	14 26	0 16	16 18	0 52	9 49	2 16	22 55	0 3	14 5
S 16	1 56	0s55	4 6	7 11	2 27	14 11	0 28	14 41	0 17	16 22	0 52	9 51	2 16	22 55	0 3	14 5
M17	1 32	6 1	3 25	7 33	2 39	13 49	0 31	14 55	0 18	16 25	0 52	9 53	2 16	22 56	0 3	14 4
T 18	1 8	10 57	2 34	7 51	2 51	13 27	0 34	15 9	0 18	16 28	0 52	9 56	2 15	22 56	0 3	14 4
W19	0 44	15 31	1 36	8 5	3 1	13 5	0 36	15 23	0 19	16 31	0 52	9 58	2 15	22 56	0 3	14 4
T 20	0 21	19 32	0 33	8 14	3 10	12 42	0 39	15 37	0 20	16 35	0 51	10 1	2 15	22 56	0 3	14 3
F 21	0n 3	22 44	0s33	8 18	3 18	12 19	0 42	15 51	0 20	16 38	0 51	10 3	2 15	22 56	0 3	14 3
S 22	0 27	24 55	1 39	8 18	3 24	11 56	0 44	16 5	0 21	16 41	0 51	10 5	2 15	22 56	0 3	14 3
S 23	0 51	25 48	2 42	8 13	3 28	11 32	0 47	16 18	0 22	16 45	0 51	10 8	2 15	22 56	0 3	14 2
M24	1 14	25 13	3 37	8 3	3 31	11 8	0 49	16 32	0 22	16 48	0 51	10 10	2 15	22 56	0 3	14 2
T 25	1 38	23 3	4 23	7 49	3 32	10 44	0 52	16 45	0 23	16 52	0 51	10 13	2 15	22 56	0 3	14 1
W26	2 2	19 23	4 53	7 31	3 31	10 19	0 54	16 58	0 24	16 55	0 50	10 15	2 14	22 57	0 3	14 1
T 27	2 25	14 24	5 4	7 10	3 28	9 54	0 56	17 11	0 24	16 58	0 50	10 18	2 14	22 57	0 4	14 1
F 28	2 49	8 27	4 55	6 45	3 23	9 29	0 59	17 24	0 25	17 2	0 50	10 20	2 14	22 57	0 4	14 0
S 29	3 12	1 55	4 24	6 17	3 16	9 4	1 1	17 36	0 26	17 5	0 50	10 23	2 14	22 57	0 4	14 0
S 30	3 36	4n42	3 35	5 48	3 8	8 38	1 3	17 49	0 26	17 8	0 50	10 25	2 14	22 57	0 4	13 59
M31	3n59	10n59	2s32	5n17	2n58	8s12	1s 5	18n 1	0n27	17n12	0s50	10n28	2s14	22n57	0n 4	13s59

Julian Day Number = 2676958.5, Delta T = 21m20s

Ecliptic obliquity = 23°21'37", Nutation = - 0°00'15"

Ayanamsha: Fagan/Bradley = 33°22'22", Lahiri = 32°29'22"

# ASTRODIENST EPHEMERIS for the year 2617

APRIL 2617

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 37 2	11°5'40	20°8'19	5°R33	12°K48	20°8'19	21°8'24	3°8'24	18°II54	12°R51	29°8'30	5°R17	6°II59	28°M21	16°8'22	T 1
W 2	12 40 58	12° 5'15	4°II32	4°Y42	14° 1	21° 2	21°36	3°31	18°56	12°M50	29°31	5°D16	6°56	28°27	16°25	W 2
T 3	12 44 55	13° 4'48	18°16	3°53	15°15	21°45	21°49	3°38	18°58	12°48	29°32	5°II16	6°53	28°34	16°29	T 3
F 4	12 48 51	14° 4'19	18°32	3° 8	16°28	22°27	22° 2	3°45	19° 0	12°47	29°33	5°17	6°49	28°41	16°32	F 4
S 5	12 52 48	15° 3'47	14°25	2°28	17°42	23°10	22°14	3°53	19° 2	12°46	29°34	5°R18	6°46	28°48	16°35	S 5
S 6	12 56 44	16° 3'13	26°57	1°53	18°56	23°52	22°27	4° 0	19° 4	12°44	29°35	5°17	6°43	28°54	16°39	S 6
M 7	13 0 41	17° 2'37	9°Ω13	1°23	20° 9	24°34	22°40	4° 7	19° 6	12°43	29°36	5°15	6°40	29° 1	16°42	M 7
T 8	13 4 38	18° 1'59	21°18	0°59	21°23	25°17	22°53	4°15	19° 8	12°41	29°37	5°10	6°37	29° 8	16°46	T 8
W 9	13 8 34	19° 1'18	3°M15	0°41	22°36	25°59	23° 6	4°22	19°10	12°40	29°38	5° 3	6°34	29°14	16°49	W 9
T 10	13 12 31	20° 0'35	15° 8	0°29	23°50	26°41	23°19	4°29	19°12	12°38	29°39	4°55	6°30	29°21	16°53	T 10
F 11	13 16 27	20°59'50	26°59	0°22	25° 4	27°24	23°32	4°37	19°14	12°37	29°40	4°47	6°27	29°28	16°56	F 11
S 12	13 20 24	21°59'03	8°Δ51	0°D21	26°17	28° 6	23°46	4°44	19°16	12°35	29°41	4°38	6°24	29°34	17° 0	S 12
S 13	13 24 20	22°58'14	20°46	0°25	27°31	28°48	23°59	4°52	19°19	12°34	29°42	4°31	6°21	29°41	17° 3	S 13
M14	13 28 17	23°57'22	2°M44	0°35	28°44	29°30	24°12	4°59	19°21	12°32	29°43	4°25	6°18	29°48	17° 7	M14
T 15	13 32 13	24°56'29	14°49	0°50	29°58	0°II12	24°25	5° 7	19°23	12°31	29°44	4°21	6°15	29°55	17°10	T 15
W16	13 36 10	25°55'34	27° 1	1°10	1°Y12	0°54	24°39	5°14	19°26	12°29	29°45	4°19	6°11	0°Δ 1	17°14	W16
T 17	13 40 7	26°54'37	9°Z22	1°35	2°25	1°36	24°52	5°22	19°28	12°28	29°47	4°D19	6° 8	0° 8	17°18	T 17
F 18	13 44 3	27°53'38	21°55	2° 4	3°39	2°18	25° 6	5°29	19°31	12°26	29°48	4°20	6° 5	0°15	17°21	F 18
S 19	13 48 0	28°52'38	4°Z44	2°38	4°52	3° 0	25°19	5°37	19°33	12°25	29°49	4°22	6° 2	0°21	17°25	S 19
S 20	13 51 56	29°51'36	17°50	3°15	6° 6	3°42	25°33	5°44	19°36	12°23	29°50	4°23	5°59	0°28	17°29	S 20
M21	13 55 53	0°B50'32	1°Δ18	3°56	7°20	4°23	25°46	5°52	19°38	12°21	29°51	4°R24	5°55	0°35	17°32	M21
T 22	13 59 49	1°49'26	15° 8	4°41	8°33	5° 5	26° 0	6° 0	19°41	12°20	29°53	4°23	5°52	0°42	17°36	T 22
W23	14 3 46	2°48'19	29°21	5°30	9°47	5°47	26°14	6° 7	19°43	12°18	29°54	4°21	5°49	0°48	17°40	W23
T 24	14 7 42	3°47'10	13°K55	6°22	11° 0	6°29	26°28	6°15	19°46	12°17	29°55	4°18	5°46	0°55	17°43	T 24
F 25	14 11 39	4°45'59	28°46	7°17	12°14	7°10	26°41	6°22	19°49	12°15	29°56	4°14	5°43	1° 2	17°47	F 25
S 26	14 15 36	5°44'46	13°Y47	8°15	13°28	7°52	26°55	6°30	19°52	12°13	29°57	4° 9	5°40	1° 8	17°51	S 26
S 27	14 19 32	6°43'32	28°49	9°15	14°41	8°33	27° 9	6°37	19°54	12°12	29°59	4° 6	5°36	1°15	17°55	S 27
M28	14 23 29	7°42'16	13°B43	10°19	15°55	9°15	27°23	6°45	19°57	12°10	29°59	4° 3	5°33	1°22	17°59	M28
T 29	14 27 25	8°40'58	28°21	11°25	17° 9	9°56	27°37	6°53	20° 0	12° 8	0°II 1	4°D 2	5°30	1°29	18° 2	T 29
W30	14 31 22	9°B39'38	12°II37	12°Y33	18°Y22	10°II38	27°B51	7°B 0	20°II 3	12°M 7	0°II 2	4°II 2	5°II27	1°Δ35	18°B 6	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	4n23	16n30	1s19	4n45	2n46	7s46	1s 7	18n13	0n28	17n15	0s49	10n30	2s14	22n57	0n 4	13s59
W 2	4 46	20 55	0 4	4 12	2 33	7 19	1 9	18 25	0 28	17 19	0 49	10 33	2 14	22 58	0 4	13 58
T 3	5 9	24 0	1n 9	3 40	2 20	6 53	1 11	18 36	0 29	17 22	0 49	10 35	2 14	22 58	0 4	13 58
F 4	5 32	25 38	2 16	3 9	2 5	6 26	1 12	18 48	0 29	17 26	0 49	10 38	2 14	22 58	0 4	13 57
S 5	5 55	25 48	3 15	2 40	1 50	5 59	1 14	18 59	0 30	17 29	0 49	10 40	2 13	22 58	0 4	13 57
S 6	6 18	24 39	4 2	2 11	1 34	5 32	1 16	19 10	0 31	17 32	0 49	10 43	2 13	22 58	0 4	13 56
M 7	6 40	22 20	4 37	1 45	1 18	5 4	1 17	19 21	0 31	17 36	0 49	10 45	2 13	22 58	0 4	13 56
T 8	7 3	19 4	4 59	1 21	1 3	4 37	1 19	19 32	0 32	17 39	0 48	10 48	2 13	22 59	0 4	13 55
W 9	7 26	15 3	5 7	0 59	0 47	4 9	1 20	19 43	0 32	17 43	0 48	10 51	2 13	22 59	0 4	13 55
T 10	7 48	10 29	5 3	0 40	0 31	3 42	1 22	19 53	0 33	17 46	0 48	10 53	2 13	22 59	0 4	13 54
F 11	8 10	5 33	4 45	0 23	0 16	3 14	1 23	20 3	0 34	17 49	0 48	10 56	2 13	22 59	0 4	13 54
S 12	8 32	0 25	4 15	0 9	0 1	2 46	1 24	20 13	0 34	17 53	0 48	10 58	2 13	22 59	0 4	13 54
S 13	8 54	4s47	3 34	0s 2	0s13	2 18	1 26	20 23	0 35	17 56	0 48	11 1	2 13	23 0	0 4	13 53
M14	9 16	9 50	2 43	0 11	0 27	1 50	1 27	20 33	0 35	18 0	0 48	11 3	2 13	23 0	0 4	13 53
T 15	9 38	14 34	1 44	0 17	0 40	1 21	1 28	20 43	0 36	18 3	0 47	11 6	2 13	23 0	0 4	13 52
W16	9 59	18 47	0 40	0 21	0 53	0 53	1 29	20 52	0 36	18 6	0 47	11 8	2 13	23 0	0 4	13 52
T 17	10 20	22 14	0s27	0 22	1 5	0 25	1 30	21 1	0 37	18 10	0 47	11 11	2 13	23 0	0 4	13 51
F 18	10 41	24 41	1 34	0 21	1 16	0n 4	1 30	21 10	0 37	18 13	0 47	11 13	2 13	23 0	0 4	13 51
S 19	11 2	25 55	2 38	0 17	1 27	0 32	1 31	21 18	0 38	18 16	0 47	11 16	2 13	23 1	0 4	13 50
S 20	11 23	25 44	3 35	0 12	1 37	1 1	1 32	21 27	0 38	18 20	0 47	11 18	2 13	23 1	0 4	13 50
M21	11 44	24 4	4 22	0 4	1 46	1 29	1 32	21 35	0 39	18 23	0 47	11 21	2 13	23 1	0 4	13 49
T 22	12 4	20 56	4 55	0n 6	1 55	1 57	1 33	21 43	0 39	18 26	0 46	11 23	2 13	23 1	0 4	13 49
W23	12 24	16 31	5 11	0 18	2 3	2 26	1 33	21 51	0 40	18 30	0 46	11 26	2 12	23 2	0 4	13 48
T 24	12 44	11 3	5 8	0 31	2 10	2 54	1 34	21 59	0 40	18 33	0 46	11 28	2 12	23 2	0 4	13 48
F 25	13 4	4 50	4 44	0 47	2 17	3 23	1 34	22 6	0 41	18 36	0 46	11 31	2 12	23 2	0 4	13 47
S 26	13 24	1n43	4 1	1 4	2 23	3 51	1 34	22 14	0 41	18 39	0 46	11 33	2 12	23 2	0 4	13 47
S 27	13 43	8 12	3 1	1 22	2 29	4 19	1 35	22 21	0 42	18 43	0 46	11 36	2 12	23 2	0 4	13 46
M28	14 2	14 10	1 49	1 43	2 34	4 47	1 35	22 28	0 42	18 46	0 46	11 38	2 12	23 3	0 4	13 46
T 29	14 21	19 13	0 31	2 5	2 38	5 15	1 35	22 34	0 43	18 49	0 46	11 41	2 12	23 3	0 4	13 45
W30	14n40	23n 1	0n47	2n28	2s42	5n43	1s35	22n41	0n43	18n52	0s46	11n43	2s12	23n 3	0n 4	13s45

Julian Day Number = 2676989.5, Delta T = 21m20s  
 Ecliptic obliquity = 23°21'37", Nutation = - 0°00'16"  
 Ayanamsha: Fagan/Bradley = 33°22'26", Lahiri = 32°29'26"

## ASTRODIENST EPHEMERIS for the year 2617

MAY 2617

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 35 18	10♂38'16	26♂27	13♂44	19♂36	11♂19	28♂5	7♂8	20♂6	12♂R 5	0♂II 4	4♂II 4	5♂II24	1♂42	18♂10	T 1
F 2	14 39 15	11°36'51	9♂51	14°58	20°49	12°1	28°19	7°15	20°9	12♂L 4	0°5	4°5	5°20	1°49	18°14	F 2
S 3	14 43 11	12°35'25	22°50	16°13	22°3	12°42	28°33	7°23	20°12	12°2	0°6	4°6	5°17	1°55	18°18	S 3
S 4	14 47 8	13°33'57	5♂28	17°31	23°17	13°23	28°47	7°30	20°14	12°0	0°8	4°7	5°14	2°2	18°21	S 4
M 5	14 51 5	14°32'26	17°47	18°51	24°30	14°5	29°1	7°38	20°17	11°59	0°9	4°R 8	5°11	2°9	18°25	M 5
T 6	14 55 1	15°30'53	29°53	20°13	25°44	14°46	29°15	7°46	20°21	11°57	0°10	4°7	5°8	2°16	18°29	T 6
W 7	14 58 58	16°29'18	11♂50	21°37	26°57	15°27	29°29	7°53	20°24	11°55	0°12	4°5	5°5	2°22	18°33	W 7
T 8	15 2 54	17°27'41	23°42	23°3	28°11	16°8	29°43	8°1	20°27	11°54	0°13	4°3	5°1	2°29	18°37	T 8
F 9	15 6 51	18°26'02	5♂33	24°31	29°25	16°49	29°57	8°8	20°30	11°52	0°14	4°1	4°58	2°36	18°40	F 9
S 10	15 10 47	19°24'21	17°26	26°1	0♂38	17°30	0♂II11	8°16	20°33	11°51	0°16	3°59	4°55	2°42	18°44	S 10
S 11	15 14 44	20°22'38	29°25	27°33	1°52	18°11	0°25	8°23	20°36	11°49	0°17	3°57	4°52	2°49	18°48	S 11
M12	15 18 40	21°20'53	11♂32	29°7	3°5	18°52	0°39	8°30	20°39	11°47	0°18	3°55	4°49	2°56	18°52	M12
T 13	15 22 37	22°19'07	23°48	0♂42	4°19	19°33	0°54	8°38	20°42	11°46	0°20	3°54	4°46	3°2	18°56	T 13
W14	15 26 34	23°17'18	6♂14	2°20	5°32	20°14	1°8	8°45	20°46	11°44	0°21	3°D54	4°42	3°9	19°0	W14
T 15	15 30 30	24°15'29	18°53	3°59	6°46	20°55	1°22	8°53	20°49	11°42	0°22	3°54	4°39	3°16	19°3	T 15
F 16	15 34 27	25°13'37	1♂44	5°41	8°0	21°36	1°36	9°0	20°52	11°41	0°24	3°55	4°36	3°23	19°7	F 16
S 17	15 38 23	26°11'45	14°49	7°24	9°13	22°16	1°50	9°8	20°55	11°39	0°25	3°56	4°33	3°29	19°11	S 17
S 18	15 42 20	27°9'50	28°9	9°9	10°27	22°57	2°5	9°15	20°59	11°38	0°26	3°57	4°30	3°36	19°15	S 18
M19	15 46 16	28°7'55	11♂44	10°56	11°40	23°38	2°19	9°22	21°2	11°36	0°28	3°57	4°26	3°43	19°19	M19
T 20	15 50 13	29°5'58	25°35	12°45	12°54	24°18	2°33	9°30	21°5	11°35	0°29	3°R57	4°23	3°49	19°23	T 20
W21	15 54 9	0♂II 3'59	9♂40	14°36	14°7	24°59	2°47	9°37	21°9	11°33	0°30	3°57	4°20	3°56	19°26	W21
T 22	15 58 6	1°2'00	23°59	16°29	15°21	25°40	3°2	9°44	21°12	11°32	0°32	3°57	4°17	4°3	19°30	T 22
F 23	16 2 3	1°59'59	8♂29	18°23	16°35	26°20	3°16	9°51	21°15	11°30	0°33	3°57	4°14	4°10	19°34	F 23
S 24	16 5 59	2°57'57	23°5	20°20	17°48	27°1	3°30	9°59	21°19	11°29	0°34	3°57	4°11	4°16	19°38	S 24
S 25	16 9 56	3°55'53	7♂42	22°18	19°2	27°41	3°44	10°6	21°22	11°27	0°36	3°D57	4°7	4°23	19°41	S 25
M26	16 13 52	4°53'48	22°14	24°19	20°15	28°22	3°59	10°13	21°26	11°26	0°37	3°57	4°4	4°30	19°45	M26
T 27	16 17 49	5°51'42	6♂35	26°21	21°29	29°2	4°13	10°20	21°29	11°24	0°38	3°R57	4°1	4°36	19°49	T 27
W28	16 21 45	6°49'35	20°40	28°24	22°42	29°43	4°27	10°27	21°32	11°23	0°40	3°56	3°58	4°43	19°53	W28
T 29	16 25 42	7°47'26	4♂26	0♂II30	23°56	0♂23	4°41	10°34	21°36	11°21	0°41	3°56	3°55	4°50	19°56	T 29
F 30	16 29 38	8°45'16	17°49	2°37	25°9	1°3	4°55	10°41	21°39	11°20	0°43	3°56	3°52	4°56	20°0	F 30
S 31	16 33 35	9♂II43'04	0♂L50	4♂II45	26♂23	1♂43	5♂II10	10♂48	21♂II43	11♂L18	0♂II44	3♂II55	3♂II48	5♂L 3	20♂R 4	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	14n58	25n19	2n 0	2n52	2s45	6n11	1s35	22n47	0n44	18n56	0s45	11n46	2s12	23n 3	0n 4	13s44
F 2	15 16	26 4	3 4	3 18	2 47	6 39	1 34	22 53	0 44	18 59	0 45	11 48	2 12	23 3	0 4	13 44
S 3	15 34	25 20	3 57	3 45	2 49	7 6	1 34	22 59	0 45	19 2	0 45	11 50	2 12	23 4	0 4	13 43
S 4	15 52	23 19	4 37	4 14	2 50	7 34	1 34	23 5	0 45	19 5	0 45	11 53	2 12	23 4	0 4	13 43
M 5	16 9	20 15	5 3	4 43	2 51	8 1	1 33	23 10	0 46	19 8	0 45	11 55	2 12	23 4	0 4	13 42
T 6	16 26	16 23	5 14	5 14	2 51	8 28	1 33	23 15	0 46	19 11	0 45	11 58	2 12	23 4	0 4	13 42
W 7	16 43	11 55	5 12	5 46	2 50	8 55	1 32	23 20	0 46	19 15	0 45	12 0	2 12	23 5	0 4	13 41
T 8	16 59	7 3	4 57	6 18	2 49	9 22	1 32	23 25	0 47	19 18	0 45	12 3	2 12	23 5	0 4	13 41
F 9	17 15	1 55	4 29	6 52	2 48	9 48	1 31	23 30	0 47	19 21	0 45	12 5	2 12	23 5	0 4	13 40
S 10	17 31	3s17	3 49	7 26	2 46	10 15	1 30	23 34	0 48	19 24	0 45	12 7	2 12	23 5	0 4	13 40
S 11	17 47	8 26	2 59	8 2	2 43	10 41	1 30	23 38	0 48	19 27	0 44	12 10	2 13	23 5	0 4	13 39
M12	18 2	13 20	2 1	8 38	2 40	11 6	1 29	23 42	0 48	19 30	0 44	12 12	2 13	23 6	0 4	13 39
T 13	18 17	17 46	0 56	9 14	2 36	11 32	1 28	23 46	0 49	19 33	0 44	12 14	2 13	23 6	0 4	13 38
W14	18 32	21 29	0s13	9 52	2 32	11 57	1 27	23 49	0 49	19 36	0 44	12 17	2 13	23 6	0 4	13 38
T 15	18 46	24 16	1 22	10 30	2 27	12 22	1 26	23 53	0 50	19 39	0 44	12 19	2 13	23 6	0 4	13 37
F 16	19 0	25 49	2 28	11 8	2 22	12 47	1 25	23 56	0 50	19 42	0 44	12 21	2 13	23 7	0 4	13 37
S 17	19 14	25 59	3 28	11 47	2 16	13 12	1 24	23 58	0 50	19 45	0 44	12 23	2 13	23 7	0 4	13 36
S 18	19 28	24 40	4 17	12 27	2 10	13 36	1 23	24 1	0 51	19 48	0 44	12 26	2 13	23 7	0 4	13 36
M19	19 41	21 54	4 54	13 7	2 3	14 0	1 21	24 4	0 51	19 50	0 44	12 28	2 13	23 7	0 4	13 35
T 20	19 53	17 52	5 14	13 47	1 56	14 23	1 20	24 6	0 52	19 53	0 44	12 30	2 13	23 8	0 4	13 35
W21	20 6	12 47	5 15	14 27	1 48	14 46	1 19	24 8	0 52	19 56	0 44	12 32	2 13	23 8	0 4	13 35
T 22	20 18	6 56	4 58	15 7	1 40	15 9	1 17	24 10	0 52	19 59	0 43	12 35	2 13	23 8	0 4	13 34
F 23	20 30	0 39	4 21	15 47	1 31	15 32	1 16	24 11	0 53	20 2	0 43	12 37	2 13	23 8	0 4	13 34
S 24	20 41	5n43	3 28	16 27	1 22	15 54	1 14	24 13	0 53	20 5	0 43	12 39	2 13	23 8	0 4	13 33
S 25	20 52	11 49	2 21	17 6	1 13	16 15	1 13	24 14	0 53	20 7	0 43	12 41	2 13	23 9	0 4	13 33
M26	21 3	17 14	1 5	17 46	1 4	16 37	1 11	24 15	0 54	20 10	0 43	12 43	2 13	23 9	0 4	13 32
T 27	21 13	21 35	0n15	18 24	0 54	16 57	1 9	24 15	0 54	20 13	0 43	12 45	2 13	23 9	0 4	13 32
W28	21 23	24 33	1 31	19 2	0 44	17 18	1 8	24 16	0 54	20 15	0 43	12 48	2 13	23 9	0 4	13 31
T 29	21 32	25 58	2 41	19 39	0 33	17 38	1 6	24 16	0 55	20 18	0 43	12 50	2 14	23 10	0 4	13 31
F 30	21 41	25 49	3 40	20 14	0 23	17 57	1 4	24 16	0 55	20 21	0 43	12 52	2 14	23 10	0 4	13 31
S 31	21n50	24n13	4n26	20n49	0s12	18n16	1s 2	24n16	0n55	20n23	0s43	12n54	2s14	23n10	0n 4	13s30

Julian Day Number = 2677019.5, Delta T = 21m21s

Ecliptic obliquity = 23°21'37, Nutation = - 0°00'17

Ayanamsha: Fagan/Bradley = 33°22'30, Lahiri = 32°29'30



## ASTRODIENST EPHEMERIS for the year 2617

JULY 2617

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 35 48	9°25'22	15°57	3°36	4°24	22°16	12°20	14°2	23°31	10°R45	1°23	3°R19	2°10	8°31	21°46	T 1
W 2	18 39 45	10°22'39	27°55	4°54	5°38	22°56	12°33	14°7	23°35	10°M45	1°24	3°R17	2°7	8°38	21°49	W 2
T 3	18 43 41	11°19'56	9°48	6°9	6°52	23°35	12°47	14°12	23°38	10°44	1°25	3°D16	2°4	8°44	21°52	T 3
F 4	18 47 38	12°17'12	21°39	7°21	8°5	24°14	13°0	14°17	23°42	10°44	1°26	3°16	2°0	8°51	21°55	F 4
S 5	18 51 35	13°14'28	3°35	8°30	9°19	24°54	13°13	14°22	23°45	10°43	1°27	3°17	1°57	8°58	21°57	S 5
S 6	18 55 31	14°11'43	15°41	9°36	10°33	25°33	13°26	14°27	23°48	10°42	1°28	3°19	1°54	9°4	22°0	S 6
M 7	18 59 28	15°8'57	27°59	10°39	11°46	26°12	13°39	14°32	23°52	10°42	1°29	3°R20	1°51	9°11	22°3	M 7
T 8	19 3 24	16°6'11	10°35	11°39	13°0	26°51	13°52	14°37	23°55	10°42	1°30	3°20	1°48	9°18	22°5	T 8
W 9	19 7 21	17°3'25	23°31	12°36	14°14	27°30	14°5	14°42	23°58	10°41	1°31	3°18	1°44	9°24	22°8	W 9
T 10	19 11 17	18°0'39	6°48	13°29	15°27	28°9	14°18	14°47	24°2	10°41	1°32	3°14	1°41	9°31	22°10	T 10
F 11	19 15 14	18°57'52	20°26	14°19	16°41	28°48	14°31	14°52	24°5	10°40	1°33	3°9	1°38	9°38	22°13	F 11
S 12	19 19 10	19°55'05	4°22	15°5	17°55	29°27	14°44	14°56	24°8	10°40	1°34	3°2	1°35	9°44	22°15	S 12
S 13	19 23 7	20°52'18	18°32	15°48	19°8	0°6	14°57	15°1	24°12	10°40	1°35	2°54	1°32	9°51	22°18	S 13
M14	19 27 4	21°49'31	2°51	16°26	20°22	0°45	15°9	15°5	24°15	10°39	1°36	2°47	1°29	9°58	22°20	M14
T 15	19 31 0	22°46'43	17°14	17°1	21°36	1°24	15°22	15°10	24°18	10°39	1°37	2°42	1°25	10°5	22°22	T 15
W16	19 34 57	23°43'57	1°35	17°32	22°50	2°3	15°35	15°14	24°21	10°39	1°38	2°38	1°22	10°11	22°25	W16
T 17	19 38 53	24°41'10	15°52	17°58	24°3	2°42	15°47	15°18	24°24	10°39	1°39	2°36	1°19	10°18	22°27	T 17
F 18	19 42 50	25°38'24	0°8	18°20	25°17	3°21	16°0	15°22	24°28	10°38	1°39	2°D35	1°16	10°25	22°29	F 18
S 19	19 46 46	26°35'38	14°2	18°38	26°31	4°0	16°12	15°26	24°31	10°38	1°40	2°36	1°13	10°31	22°31	S 19
S 20	19 50 43	27°32'53	27°53	18°51	27°45	4°39	16°24	15°30	24°34	10°38	1°41	2°R37	1°10	10°38	22°33	S 20
M21	19 54 39	28°30'08	11°34	19°0	28°59	5°18	16°37	15°34	24°37	10°38	1°42	2°37	1°6	10°45	22°35	M21
T 22	19 58 36	29°27'23	25°5	19°R 4	0°12	5°57	16°49	15°38	24°40	10°38	1°43	2°34	1°3	10°51	22°37	T 22
W23	20 2 33	0°24'39	8°25	19°3	1°26	6°36	17°1	15°41	24°43	10°D38	1°44	2°30	1°0	10°58	22°39	W23
T 24	20 6 29	1°21'56	1°21'56	18°57	2°40	7°15	17°13	15°45	24°46	10°38	1°44	2°23	0°57	11°5	22°41	T 24
F 25	20 10 26	2°19'12	4°29	18°46	3°54	7°53	17°25	15°49	24°49	10°38	1°45	2°14	0°54	11°11	22°43	F 25
S 26	20 14 22	3°16'29	17°11	18°31	5°8	8°32	17°37	15°52	24°52	10°38	1°46	2°3	0°50	11°18	22°45	S 26
S 27	20 18 19	4°13'46	29°40	18°12	6°22	9°11	17°48	15°55	24°55	10°38	1°47	1°52	0°47	11°25	22°47	S 27
M28	20 22 15	5°11'03	11°56	17°48	7°36	9°50	18°0	15°59	24°58	10°39	1°47	1°42	0°44	11°32	22°48	M28
T 29	20 26 12	6°8'20	24°0	17°19	8°49	10°28	18°12	16°2	25°1	10°39	1°48	1°33	0°41	11°38	22°50	T 29
W30	20 30 9	7°5'38	5°56	16°48	10°3	11°7	18°23	16°5	25°4	10°39	1°49	1°26	0°38	11°45	22°52	W30
T 31	20 34 5	8°2'55	17°46	16°12	11°17	11°46	18°35	16°8	25°6	10°M39	1°49	1°22	0°35	11°52	22°53	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	23n 2	10n11	5n 4	20n34	1n20	23n25	0n 8	22n34	1n 3	21n31	0s41	13n48	2s18	23n16	0n 4	13s21	1n44
W 2	22 57	5 9	4 43	20 8	1 12	23 24	0 10	22 28	1 3	21 33	0 41	13 50	2 18	23 17	0 4	13 21	1 44
T 3	22 53	0s 2	4 10	19 42	1 3	23 23	0 12	22 21	1 3	21 34	0 41	13 51	2 18	23 17	0 4	13 21	1 44
F 4	22 48	5 13	3 27	19 15	0 54	23 21	0 15	22 14	1 4	21 36	0 41	13 52	2 18	23 17	0 4	13 21	1 44
S 5	22 42	10 15	2 34	18 48	0 44	23 19	0 17	22 8	1 4	21 38	0 41	13 54	2 18	23 17	0 4	13 21	1 44
S 6	22 36	14 58	1 34	18 20	0 34	23 16	0 19	22 1	1 4	21 39	0 41	13 55	2 19	23 17	0 4	13 21	1 44
M 7	22 30	19 10	0 29	17 53	0 24	23 12	0 22	21 54	1 4	21 41	0 41	13 56	2 19	23 17	0 4	13 20	1 44
T 8	22 24	22 36	0s39	17 26	0 12	23 7	0 24	21 46	1 4	21 42	0 41	13 57	2 19	23 18	0 4	13 20	1 44
W 9	22 17	24 59	1 47	16 59	0 1	23 2	0 26	21 39	1 5	21 44	0 41	13 59	2 19	23 18	0 4	13 20	1 44
T 10	22 9	26 2	2 51	16 32	0s12	22 56	0 28	21 31	1 5	21 46	0 41	14 0	2 19	23 18	0 4	13 20	1 44
F 11	22 1	25 33	3 46	16 6	0 24	22 50	0 31	21 23	1 5	21 47	0 41	14 1	2 20	23 18	0 4	13 20	1 44
S 12	21 53	23 28	4 30	15 40	0 37	22 43	0 33	21 15	1 5	21 49	0 41	14 2	2 20	23 18	0 4	13 20	1 43
S 13	21 45	19 56	4 58	15 14	0 51	22 35	0 35	21 7	1 5	21 50	0 41	14 3	2 20	23 18	0 4	13 20	1 43
M14	21 36	15 12	5 7	14 50	1 5	22 26	0 37	20 59	1 5	21 51	0 41	14 4	2 20	23 19	0 4	13 20	1 43
T 15	21 27	9 35	4 57	14 26	1 19	22 17	0 39	20 51	1 5	21 53	0 41	14 5	2 20	23 19	0 4	13 20	1 43
W16	21 17	3 29	4 29	14 3	1 33	22 7	0 41	20 42	1 6	21 54	0 41	14 6	2 21	23 19	0 4	13 20	1 43
T 17	21 7	2n46	3 44	13 41	1 48	21 56	0 43	20 33	1 6	21 55	0 41	14 7	2 21	23 19	0 4	13 20	1 43
F 18	20 57	8 51	2 46	13 21	2 2	21 45	0 46	20 25	1 6	21 57	0 41	14 8	2 21	23 19	0 4	13 20	1 43
S 19	20 46	14 26	1 38	13 1	2 17	21 34	0 48	20 16	1 6	21 58	0 41	14 9	2 21	23 19	0 4	13 20	1 43
S 20	20 35	19 13	0 25	12 43	2 32	21 21	0 49	20 6	1 6	21 59	0 41	14 10	2 21	23 19	0 4	13 20	1 43
M21	20 24	22 53	0n48	12 26	2 47	21 8	0 51	19 57	1 6	22 1	0 41	14 11	2 22	23 20	0 4	13 20	1 43
T 22	20 12	25 13	1 57	12 11	3 1	20 54	0 53	19 48	1 6	22 2	0 41	14 12	2 22	23 20	0 4	13 20	1 43
W23	20 0	26 5	2 59	11 58	3 16	20 40	0 55	19 38	1 7	22 3	0 41	14 13	2 22	23 20	0 4	13 20	1 43
T 24	19 47	25 26	3 51	11 46	3 30	20 25	0 57	19 28	1 7	22 4	0 41	14 14	2 22	23 20	0 4	13 20	1 43
F 25	19 35	23 26	4 29	11 37	3 43	20 10	0 59	19 19	1 7	22 5	0 41	14 15	2 23	23 20	0 5	13 20	1 43
S 26	19 22	20 17	4 53	11 29	3 56	19 54	1 0	19 9	1 7	22 6	0 41	14 15	2 23	23 20	0 5	13 20	1 43
S 27	19 8	16 17	5 3	11 23	4 8	19 37	1 2	18 59	1 7	22 7	0 41	14 16	2 23	23 20	0 5	13 20	1 43
M28	18 55	11 40	4 59	11 20	4 19	19 20	1 4	18 48	1 7	22 8	0 41	14 17	2 23	23 20	0 5	13 21	1 43
T 29	18 41	6 40	4 41	11 18	4 30	19 3	1 5	18 38	1 7	22 9	0 41	14 17	2 23	23 21	0 5	13 21	1 43
W30	18 26	1 30	4 11	11 19	4 39	18 44	1 7	18 28	1 7	22 10	0 41	14 18	2 24	23 21	0 5	13 21	1 42
T 31	18n12	3s43	3n30	11n22	4s46	18n26	1n 8	18n17	1n 7	22n11	0s41	14n19	2s24	23n21	0n 5	13s21	1n42

Julian Day Number = 2677080.5, Delta T = 21m21s

Ecliptic obliquity = 23°21'37", Nutation = - 0°00'15"

Ayanamsha: Fagan/Bradley = 33°22'39", Lahiri = 32°29'38"

# ASTRODIENST EPHEMERIS for the year 2617

AUGUST 2617

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	20 38 2	9♌ 0'13	29♌36	15°R35	12♌31	12♌24	18♌46	16♌11	25♌9	10♌40	1♌50	1°R20	0♌31	11♌58	22♌55	F 1
S 2	20 41 58	9°57'32	11♌31	14♌54	13°45	13° 3	18°57	16°14	25°12	10°40	1°50	1°D20	0°28	12° 5	22°56	S 2
S 3	20 45 55	10°54'50	23°35	14°13	14°59	13°42	19° 9	16°16	25°15	10°40	1°51	1♌20	0°25	12°12	22°57	S 3
M 4	20 49 51	11°52'09	5♌54	13°30	16°13	14°20	19°20	16°19	25°17	10°41	1°52	1°R20	0°22	12°18	22°59	M 4
T 5	20 53 48	12°49'28	18°33	12°47	17°27	14°59	19°31	16°21	25°20	10°41	1°52	1°19	0°19	12°25	23° 0	T 5
W 6	20 57 44	13°46'48	1♌35	12° 5	18°41	15°37	19°42	16°24	25°23	10°41	1°53	1°15	0°16	12°32	23° 1	W 6
T 7	21 1 141	14°44'08	15° 3	11°24	19°55	16°16	19°53	16°26	25°25	10°42	1°53	1°10	0°12	12°38	23° 2	T 7
F 8	21 5 38	15°41'29	28°57	10°46	21° 9	16°55	20° 3	16°28	25°28	10°42	1°54	1° 2	0° 9	12°45	23° 4	F 8
S 9	21 9 34	16°38'50	13♌14	10°10	22°23	17°33	20°14	16°30	25°30	10°43	1°54	0°52	0° 6	12°52	23° 5	S 9
S 10	21 13 31	17°36'12	27°49	9°38	23°37	18°12	20°24	16°32	25°33	10°44	1°55	0°41	0° 3	12°59	23° 6	S 10
M11	21 17 27	18°33'35	12♌34	9°10	24°51	18°50	20°35	16°34	25°35	10°44	1°55	0°30	29♌59	13° 5	23° 7	M11
T 12	21 21 24	19°30'59	27°22	8°47	26° 4	19°29	20°45	16°36	25°38	10°45	1°56	0°21	29°56	13°12	23° 8	T 12
W13	21 25 20	20°28'23	12♌4	8°29	27°18	20° 7	20°55	16°38	25°40	10°45	1°56	0°15	29°53	13°19	23° 8	W13
T 14	21 29 17	21°25'49	2♌4	8°17	28°32	20°45	21° 6	16°39	25°42	10°46	1°56	0°11	29°50	13°25	23° 9	T 14
F 15	21 33 13	22°23'16	10♌49	8°D10	29°46	21°24	21°16	16°41	25°45	10°47	1°57	0° 9	29°47	13°32	23°10	F 15
S 16	21 37 10	23°20'45	24°48	8°11	1♌0	22° 2	21°25	16°42	25°47	10°48	1°57	0° 9	29°44	13°39	23°11	S 16
S 17	21 41 7	24°18'14	8♌30	8°17	2°14	22°41	21°35	16°44	25°49	10°48	1°57	0° 9	29°41	13°45	23°11	S 17
M18	21 45 3	25°15'45	21°56	8°31	3°28	23°19	21°45	16°45	25°51	10°49	1°58	0° 8	29°37	13°52	23°12	M18
T 19	21 49 0	26°13'18	5♌8	8°51	4°43	23°58	21°55	16°46	25°53	10°50	1°58	0° 4	29°34	13°59	23°12	T 19
W20	21 52 56	27°10'51	18° 8	9°18	5°57	24°36	22° 4	16°47	25°55	10°51	1°58	29♌58	29°31	14° 5	23°13	W20
T 21	21 56 53	28° 8'26	0♌56	9°52	7°11	25°14	22°13	16°48	25°58	10°52	1°58	29°49	29°28	14°12	23°13	T 21
F 22	22 0 49	29° 6'02	13°34	10°33	8°25	25°53	22°23	16°49	26° 0	10°53	1°59	29°38	29°25	14°19	23°14	F 22
S 23	22 4 46	0♌3'39	26° 0	11°21	9°39	26°31	22°32	16°49	26° 2	10°54	1°59	29°25	29°22	14°25	23°14	S 23
S 24	22 8 42	1° 1'17	8♌17	12°15	10°53	27° 9	22°41	16°50	26° 4	10°55	1°59	29°11	29°18	14°32	23°14	S 24
M25	22 12 39	1°58'56	20°24	13°15	12° 7	27°48	22°49	16°50	26° 5	10°56	1°59	28°58	29°15	14°39	23°14	M25
T 26	22 16 36	2°56'36	2♌22	14°22	13°21	28°26	22°58	16°51	26° 7	10°57	1°59	28°47	29°12	14°45	23°14	T 26
W27	22 20 32	3°54'18	14°14	15°34	14°35	29° 4	23° 7	16°51	26° 9	10°58	1°59	28°38	29° 9	14°52	23°14	W27
T 28	22 24 29	4°52'00	26° 2	16°53	15°49	29°43	23°15	16°51	26°11	10°59	2° 0	28°31	29° 6	14°59	23°R14	T 28
F 29	22 28 25	5°49'44	7♌50	18°16	17° 3	0♌21	23°23	16°R51	26°13	11° 0	2° 0	28°28	29° 2	15° 6	23°14	F 29
S 30	22 32 22	6°47'29	19°43	19°45	18°17	0°59	23°32	16°51	26°14	11° 1	2° 0	28°27	28°59	15°12	23°14	S 30
S 31	22 36 18	7♌45'15	1♌45	21♌19	19♌31	1♌38	23♌40	16♌51	26♌16	11♌ 3	2♌ 0	28♌26	28♌56	15♌19	23♌14	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	17n57	8s48	2n40	11n27	4s53	18n 6	1n10	18n 6	1n 7	22n12	0s41	14n19	2s24	23n21	0n 5	13s21
S 2	17 42	13 36	1 43	11 34	4 58	17 47	1 11	17 55	1 8	22 13	0 41	14 20	2 24	23 21	0 5	13 21
S 3	17 26	17 57	0 41	11 43	5 1	17 26	1 12	17 44	1 8	22 14	0 41	14 20	2 25	23 21	0 5	13 21
M 4	17 10	21 37	0s24	11 53	5 2	17 6	1 14	17 33	1 8	22 15	0 41	14 21	2 25	23 21	0 5	13 22
T 5	16 54	24 22	1 30	12 5	5 2	16 45	1 15	17 22	1 8	22 16	0 41	14 21	2 25	23 21	0 5	13 22
W 6	16 38	25 54	2 33	12 19	5 0	16 23	1 16	17 11	1 8	22 17	0 41	14 22	2 25	23 21	0 5	13 22
T 7	16 22	25 59	3 30	12 33	4 56	16 1	1 17	16 59	1 8	22 18	0 41	14 22	2 25	23 22	0 5	13 22
F 8	16 5	24 28	4 16	12 49	4 50	15 38	1 18	16 48	1 8	22 18	0 41	14 23	2 26	23 22	0 5	13 22
S 9	15 48	21 22	4 47	13 6	4 43	15 15	1 19	16 36	1 8	22 19	0 41	14 23	2 26	23 22	0 5	13 23
S 10	15 30	16 54	5 1	13 23	4 34	14 52	1 20	16 24	1 8	22 20	0 41	14 23	2 26	23 22	0 5	13 23
M11	15 13	11 21	4 54	13 40	4 24	14 28	1 21	16 13	1 8	22 21	0 41	14 24	2 26	23 22	0 5	13 23
T 12	14 55	5 9	4 29	13 57	4 12	14 4	1 22	16 1	1 8	22 21	0 41	14 24	2 27	23 22	0 5	13 23
W13	14 37	1n18	3 45	14 14	3 59	13 39	1 22	15 49	1 8	22 22	0 41	14 24	2 27	23 22	0 5	13 23
T 14	14 19	7 37	2 48	14 30	3 45	13 15	1 23	15 36	1 8	22 23	0 41	14 24	2 27	23 22	0 5	13 24
F 15	14 0	13 26	1 40	14 46	3 31	12 49	1 24	15 24	1 8	22 23	0 41	14 25	2 27	23 22	0 5	13 24
S 16	13 42	18 27	0 28	15 1	3 15	12 24	1 24	15 12	1 9	22 24	0 41	14 25	2 28	23 22	0 5	13 24
S 17	13 23	22 22	0n44	15 15	2 59	11 58	1 25	14 59	1 9	22 25	0 41	14 25	2 28	23 22	0 5	13 25
M18	13 3	24 59	1 52	15 27	2 43	11 31	1 25	14 47	1 9	22 25	0 41	14 25	2 28	23 23	0 5	13 25
T 19	12 44	26 9	2 53	15 38	2 26	11 5	1 26	14 34	1 9	22 26	0 41	14 25	2 28	23 23	0 5	13 25
W20	12 25	25 51	3 44	15 47	2 9	10 38	1 26	14 22	1 9	22 26	0 41	14 25	2 29	23 23	0 5	13 26
T 21	12 5	24 10	4 23	15 55	1 52	10 11	1 26	14 9	1 9	22 27	0 41	14 25	2 29	23 23	0 5	13 26
F 22	11 45	21 18	4 48	16 0	1 35	9 43	1 26	13 56	1 9	22 27	0 41	14 25	2 29	23 23	0 5	13 26
S 23	11 25	17 30	4 59	16 4	1 19	9 16	1 26	13 43	1 9	22 28	0 41	14 25	2 29	23 23	0 5	13 27
S 24	11 5	13 1	4 56	16 4	1 2	8 48	1 26	13 30	1 9	22 28	0 41	14 25	2 30	23 23	0 5	13 27
M25	10 44	8 5	4 39	16 3	0 46	8 20	1 26	13 17	1 9	22 29	0 41	14 25	2 30	23 23	0 5	13 27
T 26	10 23	2 54	4 11	15 59	0 31	7 51	1 26	13 3	1 9	22 29	0 41	14 25	2 30	23 23	0 5	13 28
W27	10 3	2s21	3 31	15 52	0 16	7 23	1 26	12 50	1 9	22 30	0 41	14 25	2 30	23 23	0 5	13 28
T 28	9 42	7 30	2 42	15 42	0 2	6 54	1 26	12 37	1 9	22 30	0 41	14 24	2 31	23 23	0 5	13 28
F 29	9 21	12 24	1 47	15 29	0n12	6 25	1 26	12 23	1 9	22 30	0 41	14 24	2 31	23 23	0 5	13 29
S 30	8 59	16 52	0 46	15 14	0 25	5 56	1 25	12 10	1 9	22 31	0 41	14 24	2 31	23 23	0 5	13 29
S 31	8n38	20s44	0s18	14n55	0n36	5n26	1n25	11n56	1n 9	22n31	0s41	14n24	2s31	23n23	0n 5	13s30

Julian Day Number = 2677111.5, Delta T = -21m22s  
Ecliptic obliquity = 23°21'37, Nutation = - 0°00'14  
Ayanamsha: Fagan/Bradley = 33°22'43, Lahiri = 32°29'43

# ASTRODIENST EPHEMERIS for the year 2617

SEPTEMBER 2617

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	22 40 15	8♎43'02	14♊1	22♏57	20♎45	2♎16	23♏48	16°R51	26♏17	11♎4	2°R 0	28°R26	28♏53	15♏26	23°R14	M 1
T 2	22 44 11	9°40'50	26°38	24°38	21°59	2°54	23°55	16♏50	26°19	11° 5	2♏0	28♏25	28°50	15°32	23♏14	T 2
W 3	22 48 8	10°38'39	9♊39	26°24	23°13	3°32	24° 3	16°50	26°20	11° 6	2° 0	28°22	28°47	15°39	23°13	W 3
T 4	22 52 4	11°36'29	23° 9	28°12	24°28	4°10	24°11	16°49	26°22	11° 8	2° 0	28°17	28°43	15°46	23°13	T 4
F 5	22 56 1	12°34'21	7♎7	0♎3	25°42	4°49	24°18	16°49	26°23	11° 9	2° 0	28°10	28°40	15°52	23°12	F 5
S 6	22 59 58	13°32'14	21°34	1°55	26°56	5°27	24°25	16°48	26°25	11°10	1°59	28° 0	28°37	15°59	23°12	S 6
S 7	23 3 54	14°30'08	6♊23	3°50	28°10	6° 5	24°32	16°47	26°26	11°12	1°59	27°50	28°34	16° 6	23°11	S 7
M 8	23 7 51	15°28'04	21°26	5°46	29°24	6°43	24°39	16°46	26°27	11°13	1°59	27°39	28°31	16°12	23°11	M 8
T 9	23 11 47	16°26'01	6♊35	7°43	0♎38	7°21	24°46	16°45	26°28	11°15	1°59	27°31	28°28	16°19	23°10	T 9
W10	23 15 44	17°24'00	21°37	9°40	1°52	8° 0	24°52	16°44	26°30	11°16	1°59	27°24	28°24	16°26	23° 9	W10
T 11	23 19 40	18°22'00	6♊26	11°38	3° 6	8°38	24°59	16°43	26°31	11°18	1°59	27°20	28°21	16°32	23° 9	T 11
F 12	23 23 37	19°20'03	20°56	13°35	4°20	9°16	25° 5	16°41	26°32	11°19	1°59	27°D19	28°18	16°39	23° 8	F 12
S 13	23 27 33	20°18'07	5♏2	15°33	5°34	9°54	25°11	16°40	26°33	11°21	1°58	27°19	28°15	16°46	23° 7	S 13
S 14	23 31 30	21°16'13	18°46	17°30	6°48	10°32	25°17	16°38	26°34	11°22	1°58	27°R19	28°12	16°52	23° 6	S 14
M15	23 35 27	22°14'22	2♏9	19°27	8° 2	11°10	25°23	16°36	26°35	11°24	1°58	27°19	28° 8	16°59	23° 5	M15
T 16	23 39 23	23°12'32	15°12	21°23	9°16	11°48	25°29	16°35	26°36	11°25	1°57	27°17	28° 5	17° 6	23° 4	T 16
W17	23 43 20	24°10'44	27°59	23°18	10°30	12°27	25°34	16°33	26°36	11°27	1°57	27°12	28° 2	17°12	23° 3	W17
T 18	23 47 16	25° 8'59	10♏33	25°12	11°45	13° 5	25°39	16°31	26°37	11°29	1°57	27° 5	27°59	17°19	23° 1	T 18
F 19	23 51 13	26° 7'15	22°55	27° 5	12°59	13°43	25°45	16°29	26°38	11°30	1°56	26°56	27°56	17°26	23° 0	F 19
S 20	23 55 9	27° 5'33	5♎8	28°58	14°13	14°21	25°50	16°26	26°39	11°32	1°56	26°45	27°53	17°32	22°59	S 20
S 21	23 59 6	28° 3'52	17°13	0♎49	15°27	14°59	25°54	16°24	26°39	11°34	1°56	26°34	27°49	17°39	22°58	S 21
M22	0 3 2	29° 2'14	29°11	2°39	16°41	15°37	25°59	16°22	26°40	11°36	1°55	26°23	27°46	17°46	22°56	M22
T 23	0 6 59	0♎0'37	11♎4	4°29	17°55	16°15	26° 3	16°19	26°40	11°37	1°55	26°13	27°43	17°53	22°55	T 23
W24	0 10 56	0°59'02	22°53	6°17	19° 9	16°53	26° 8	16°17	26°41	11°39	1°54	26° 6	27°40	17°59	22°53	W24
T 25	0 14 52	1°57'29	4♎40	8° 4	20°23	17°32	26°12	16°14	26°41	11°41	1°54	26° 1	27°37	18° 6	22°52	T 25
F 26	0 18 49	2°55'58	16°29	9°50	21°37	18°10	26°16	16°11	26°41	11°43	1°53	25°59	27°33	18°13	22°50	F 26
S 27	0 22 45	3°54'28	28°22	11°34	22°51	18°48	26°19	16° 9	26°42	11°45	1°53	25°D58	27°30	18°19	22°49	S 27
S 28	0 26 42	4°53'00	10♊25	13°18	24° 5	19°26	26°23	16° 6	26°42	11°46	1°52	25°59	27°27	18°26	22°47	S 28
M29	0 30 38	5°51'33	22°40	15° 1	25°19	20° 4	26°26	16° 3	26°42	11°48	1°52	26° 0	27°24	18°33	22°45	M29
T 30	0 34 35	6♎50'09	5♏14	16♎43	26♎33	20♎42	26♏29	16♏0	26♏42	11♎50	1♏51	26°R 1	27♏21	18♎39	22♏43	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	8n16	23s46	1s22	14n34	0n47	4n57	1n24	11n42	1n 9	22n32	0s41	14n23	2s32	23n23	0n 5	13s30
T 2	7 55	25 43	2 24	14 10	0 58	4 27	1 24	11 29	1 9	22 32	0 41	14 23	2 32	23 24	0 5	13 31
W 3	7 33	26 20	3 20	13 43	1 7	3 57	1 23	11 15	1 9	22 32	0 41	14 23	2 32	23 24	0 5	13 31
T 4	7 11	25 27	4 7	13 14	1 15	3 27	1 23	11 1	1 9	22 33	0 41	14 22	2 32	23 24	0 5	13 31
F 5	6 49	22 58	4 42	12 42	1 22	2 57	1 22	10 47	1 9	22 33	0 42	14 22	2 32	23 24	0 5	13 32
S 6	6 27	19 0	5 0	12 8	1 28	2 27	1 21	10 33	1 9	22 33	0 42	14 22	2 33	23 24	0 5	13 32
S 7	6 5	13 46	4 58	11 31	1 33	1 57	1 20	10 19	1 9	22 33	0 42	14 21	2 33	23 24	0 5	13 33
M 8	5 43	7 37	4 36	10 53	1 38	1 27	1 19	10 5	1 9	22 34	0 42	14 21	2 33	23 24	0 5	13 33
T 9	5 20	1 0	3 55	10 13	1 41	0 57	1 18	9 51	1 9	22 34	0 42	14 20	2 33	23 24	0 5	13 34
W10	4 58	5n39	2 57	9 31	1 44	0 26	1 17	9 37	1 9	22 34	0 42	14 19	2 34	23 24	0 5	13 34
T 11	4 35	11 55	1 49	8 48	1 46	0s 4	1 16	9 22	1 9	22 34	0 42	14 19	2 34	23 24	0 5	13 35
F 12	4 13	17 23	0 34	8 4	1 46	0 34	1 15	9 8	1 9	22 34	0 42	14 18	2 34	23 24	0 5	13 35
S 13	3 50	21 45	0n41	7 19	1 47	1 5	1 13	8 54	1 9	22 35	0 42	14 18	2 34	23 24	0 5	13 36
S 14	3 27	24 45	1 52	6 33	1 46	1 35	1 12	8 39	1 9	22 35	0 42	14 17	2 35	23 24	0 5	13 36
M15	3 4	26 15	2 54	5 46	1 45	2 6	1 11	8 25	1 9	22 35	0 42	14 16	2 35	23 24	0 5	13 37
T 16	2 41	26 15	3 46	4 59	1 43	2 36	1 9	8 10	1 9	22 35	0 42	14 16	2 35	23 24	0 5	13 37
W17	2 18	24 50	4 26	4 12	1 41	3 6	1 8	7 56	1 9	22 35	0 42	14 15	2 35	23 24	0 5	13 38
T 18	1 55	22 12	4 51	3 24	1 38	3 37	1 6	7 41	1 9	22 35	0 42	14 14	2 35	23 24	0 5	13 38
F 19	1 32	18 36	5 3	2 36	1 35	4 7	1 5	7 26	1 8	22 36	0 42	14 13	2 36	23 24	0 5	13 39
S 20	1 9	14 15	5 1	1 48	1 31	4 37	1 3	7 12	1 8	22 36	0 42	14 13	2 36	23 24	0 5	13 40
S 21	0 46	9 24	4 45	1 0	1 26	5 7	1 1	6 57	1 8	22 36	0 42	14 12	2 36	23 24	0 5	13 40
M22	0 23	4 14	4 16	0 12	1 22	5 37	0 59	6 42	1 8	22 36	0 42	14 11	2 36	23 24	0 5	13 41
T 23	0s 0	1s 2	3 37	0s36	1 17	6 7	0 58	6 27	1 8	22 36	0 42	14 10	2 36	23 24	0 5	13 41
W24	0 23	6 16	2 48	1 23	1 12	6 37	0 56	6 12	1 8	22 36	0 42	14 9	2 37	23 24	0 5	13 42
T 25	0 47	11 17	1 52	2 10	1 6	7 6	0 54	5 58	1 8	22 36	0 42	14 8	2 37	23 24	0 5	13 42
F 26	1 10	15 54	0 51	2 57	1 0	7 36	0 52	5 43	1 8	22 36	0 42	14 7	2 37	23 24	0 5	13 43
S 27	1 33	19 57	0s13	3 44	0 54	8 5	0 50	5 28	1 8	22 36	0 42	14 6	2 37	23 25	0 5	13 44
S 28	1 56	23 12	1 17	4 30	0 48	8 34	0 48	5 13	1 8	22 36	0 42	14 5	2 37	23 25	0 5	13 44
M29	2 19	25 28	2 19	5 15	0 42	9 3	0 46	4 58	1 8	22 37	0 42	14 4	2 37	23 25	0 5	13 45
T 30	2s42	26s31	3s16	6s 0	0n35	9s32	0n43	4n43	1n 8	22n37	0s42	14n 3	2s38	23n25	0n 5	13s45

Julian Day Number = 2677142.5, Delta T = 21m22s  
 Ecliptic obliquity = 23°21'38", Nutation = - 0°00'14"  
 Ayanamsha: Fagan/Bradley = 33°22'47", Lahiri = 32°29'47"

## ASTRODIENST EPHEMERIS for the year 2617

OCTOBER 2617

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	0 38 31	7 <sup>h</sup> 48'46"	18 <sup>h</sup> 31'	18 <sup>h</sup> 23'	27 <sup>h</sup> 47'	21 <sup>h</sup> 20'	26 <sup>h</sup> 32'	15 <sup>h</sup> 56'	26 <sup>h</sup> 42'	11 <sup>h</sup> 52'	1 <sup>h</sup> 51'	26 <sup>h</sup> 0'	27 <sup>h</sup> 18'	18 <sup>h</sup> 46'	22 <sup>h</sup> 42'	W 1
T 2	0 42 28	8 <sup>h</sup> 47'24"	1 <sup>h</sup> 34'	20 <sup>h</sup> 3'	29 <sup>h</sup> 1'	21 <sup>h</sup> 58'	26 <sup>h</sup> 35'	15 <sup>h</sup> 53'	26 <sup>h</sup> 42'	11 <sup>h</sup> 54'	1 <sup>h</sup> 50'	25 <sup>h</sup> 58'	27 <sup>h</sup> 14'	18 <sup>h</sup> 53'	22 <sup>h</sup> 40'	T 2
F 3	0 46 25	9 <sup>h</sup> 46'04"	15 <sup>h</sup> 27'	21 <sup>h</sup> 42'	0 <sup>h</sup> 15'	22 <sup>h</sup> 36'	26 <sup>h</sup> 38'	15 <sup>h</sup> 50'	26 <sup>h</sup> 42'	11 <sup>h</sup> 56'	1 <sup>h</sup> 49'	25 <sup>h</sup> 54'	27 <sup>h</sup> 11'	18 <sup>h</sup> 59'	22 <sup>h</sup> 38'	F 3
S 4	0 50 21	10 <sup>h</sup> 44'46"	29 <sup>h</sup> 49'	23 <sup>h</sup> 19'	1 <sup>h</sup> 29'	23 <sup>h</sup> 14'	26 <sup>h</sup> 40'	15 <sup>h</sup> 46'	26 <sup>h</sup> 42'	11 <sup>h</sup> 58'	1 <sup>h</sup> 49'	25 <sup>h</sup> 48'	27 <sup>h</sup> 8'	19 <sup>h</sup> 6'	22 <sup>h</sup> 36'	S 4
S 5	0 54 18	11 <sup>h</sup> 43'29"	14 <sup>h</sup> 36'	24 <sup>h</sup> 56'	2 <sup>h</sup> 43'	23 <sup>h</sup> 52'	26 <sup>h</sup> 42'	15 <sup>h</sup> 43'	26 <sup>h</sup> 42'	12 <sup>h</sup> 0'	1 <sup>h</sup> 48'	25 <sup>h</sup> 41'	27 <sup>h</sup> 5'	19 <sup>h</sup> 13'	22 <sup>h</sup> 34'	S 5
M 6	0 58 14	12 <sup>h</sup> 42'15"	29 <sup>h</sup> 42'	26 <sup>h</sup> 32'	3 <sup>h</sup> 57'	24 <sup>h</sup> 30'	26 <sup>h</sup> 44'	15 <sup>h</sup> 39'	26 <sup>h</sup> 42'	12 <sup>h</sup> 2'	1 <sup>h</sup> 48'	25 <sup>h</sup> 35'	27 <sup>h</sup> 2'	19 <sup>h</sup> 19'	22 <sup>h</sup> 32'	M 6
T 7	1 2 11	13 <sup>h</sup> 41'02"	14 <sup>h</sup> 59'	28 <sup>h</sup> 7'	5 <sup>h</sup> 11'	25 <sup>h</sup> 8'	26 <sup>h</sup> 46'	15 <sup>h</sup> 36'	26 <sup>h</sup> 42'	12 <sup>h</sup> 4'	1 <sup>h</sup> 47'	25 <sup>h</sup> 29'	26 <sup>h</sup> 59'	19 <sup>h</sup> 26'	22 <sup>h</sup> 30'	T 7
W 8	1 6 7	14 <sup>h</sup> 39'51"	0 <sup>h</sup> 14'	29 <sup>h</sup> 41'	6 <sup>h</sup> 25'	25 <sup>h</sup> 46'	26 <sup>h</sup> 48'	15 <sup>h</sup> 32'	26 <sup>h</sup> 42'	12 <sup>h</sup> 6'	1 <sup>h</sup> 46'	25 <sup>h</sup> 25'	26 <sup>h</sup> 55'	19 <sup>h</sup> 33'	22 <sup>h</sup> 28'	W 8
T 9	1 10 4	15 <sup>h</sup> 38'42"	15 <sup>h</sup> 18'	1 <sup>h</sup> 14'	7 <sup>h</sup> 39'	26 <sup>h</sup> 24'	26 <sup>h</sup> 49'	15 <sup>h</sup> 28'	26 <sup>h</sup> 41'	12 <sup>h</sup> 8'	1 <sup>h</sup> 45'	25 <sup>h</sup> 23'	26 <sup>h</sup> 52'	19 <sup>h</sup> 39'	22 <sup>h</sup> 25'	T 9
F 10	1 14 0	16 <sup>h</sup> 37'35"	0 <sup>h</sup> 11'	2 <sup>h</sup> 46'	8 <sup>h</sup> 53'	27 <sup>h</sup> 2'	26 <sup>h</sup> 51'	15 <sup>h</sup> 25'	26 <sup>h</sup> 41'	12 <sup>h</sup> 10'	1 <sup>h</sup> 45'	25 <sup>h</sup> 23'	26 <sup>h</sup> 49'	19 <sup>h</sup> 46'	22 <sup>h</sup> 23'	F 10
S 11	1 17 57	17 <sup>h</sup> 36'31"	14 <sup>h</sup> 23'	4 <sup>h</sup> 17'	10 <sup>h</sup> 7'	27 <sup>h</sup> 40'	26 <sup>h</sup> 52'	15 <sup>h</sup> 21'	26 <sup>h</sup> 41'	12 <sup>h</sup> 12'	1 <sup>h</sup> 44'	25 <sup>h</sup> 24'	26 <sup>h</sup> 46'	19 <sup>h</sup> 53'	22 <sup>h</sup> 21'	S 11
S 12	1 21 54	18 <sup>h</sup> 35'29"	28 <sup>h</sup> 17'	5 <sup>h</sup> 48'	11 <sup>h</sup> 21'	28 <sup>h</sup> 18'	26 <sup>h</sup> 52'	15 <sup>h</sup> 17'	26 <sup>h</sup> 40'	12 <sup>h</sup> 14'	1 <sup>h</sup> 43'	25 <sup>h</sup> 25'	26 <sup>h</sup> 43'	19 <sup>h</sup> 59'	22 <sup>h</sup> 19'	S 12
M13	1 25 50	19 <sup>h</sup> 34'29"	11 <sup>h</sup> 54'	7 <sup>h</sup> 18'	12 <sup>h</sup> 35'	28 <sup>h</sup> 56'	26 <sup>h</sup> 53'	15 <sup>h</sup> 13'	26 <sup>h</sup> 40'	12 <sup>h</sup> 16'	1 <sup>h</sup> 42'	25 <sup>h</sup> 27'	26 <sup>h</sup> 39'	20 <sup>h</sup> 6'	22 <sup>h</sup> 16'	M13
T 14	1 29 47	20 <sup>h</sup> 33'31"	24 <sup>h</sup> 49'	8 <sup>h</sup> 46'	13 <sup>h</sup> 49'	29 <sup>h</sup> 34'	26 <sup>h</sup> 54'	15 <sup>h</sup> 9'	26 <sup>h</sup> 39'	12 <sup>h</sup> 18'	1 <sup>h</sup> 42'	25 <sup>h</sup> 27'	26 <sup>h</sup> 36'	20 <sup>h</sup> 13'	22 <sup>h</sup> 14'	T 14
W15	1 33 43	21 <sup>h</sup> 32'36"	7 <sup>h</sup> 33'	10 <sup>h</sup> 14'	15 <sup>h</sup> 3'	0 <sup>h</sup> 12'	26 <sup>h</sup> 54'	15 <sup>h</sup> 4'	26 <sup>h</sup> 38'	12 <sup>h</sup> 21'	1 <sup>h</sup> 41'	25 <sup>h</sup> 25'	26 <sup>h</sup> 33'	20 <sup>h</sup> 19'	22 <sup>h</sup> 12'	W15
T 16	1 37 40	22 <sup>h</sup> 31'43"	20 <sup>h</sup> 0'	11 <sup>h</sup> 41'	16 <sup>h</sup> 17'	0 <sup>h</sup> 50'	26 <sup>h</sup> 54'	15 <sup>h</sup> 0'	26 <sup>h</sup> 38'	12 <sup>h</sup> 23'	1 <sup>h</sup> 40'	25 <sup>h</sup> 23'	26 <sup>h</sup> 30'	20 <sup>h</sup> 26'	22 <sup>h</sup> 9'	T 16
F 17	1 41 36	23 <sup>h</sup> 30'52"	2 <sup>h</sup> 13'	13 <sup>h</sup> 7'	17 <sup>h</sup> 31'	1 <sup>h</sup> 29'	26 <sup>h</sup> 54'	14 <sup>h</sup> 56'	26 <sup>h</sup> 37'	12 <sup>h</sup> 25'	1 <sup>h</sup> 39'	25 <sup>h</sup> 18'	26 <sup>h</sup> 27'	20 <sup>h</sup> 33'	22 <sup>h</sup> 7'	F 17
S 18	1 45 33	24 <sup>h</sup> 30'03"	14 <sup>h</sup> 17'	14 <sup>h</sup> 32'	18 <sup>h</sup> 45'	2 <sup>h</sup> 7'	26 <sup>h</sup> 53'	14 <sup>h</sup> 52'	26 <sup>h</sup> 36'	12 <sup>h</sup> 27'	1 <sup>h</sup> 38'	25 <sup>h</sup> 13'	26 <sup>h</sup> 24'	20 <sup>h</sup> 39'	22 <sup>h</sup> 4'	S 18
S 19	1 49 29	25 <sup>h</sup> 29'17"	26 <sup>h</sup> 13'	15 <sup>h</sup> 57'	19 <sup>h</sup> 59'	2 <sup>h</sup> 45'	26 <sup>h</sup> 53'	14 <sup>h</sup> 47'	26 <sup>h</sup> 35'	12 <sup>h</sup> 29'	1 <sup>h</sup> 37'	25 <sup>h</sup> 8'	26 <sup>h</sup> 20'	20 <sup>h</sup> 46'	22 <sup>h</sup> 2'	S 19
M20	1 53 26	26 <sup>h</sup> 28'33"	8 <sup>h</sup> 5'	17 <sup>h</sup> 20'	21 <sup>h</sup> 12'	3 <sup>h</sup> 23'	26 <sup>h</sup> 52'	14 <sup>h</sup> 43'	26 <sup>h</sup> 35'	12 <sup>h</sup> 31'	1 <sup>h</sup> 37'	25 <sup>h</sup> 3'	26 <sup>h</sup> 17'	20 <sup>h</sup> 53'	21 <sup>h</sup> 59'	M20
T 21	1 57 22	27 <sup>h</sup> 27'50"	19 <sup>h</sup> 54'	18 <sup>h</sup> 42'	22 <sup>h</sup> 26'	4 <sup>h</sup> 1'	26 <sup>h</sup> 51'	14 <sup>h</sup> 39'	26 <sup>h</sup> 34'	12 <sup>h</sup> 33'	1 <sup>h</sup> 36'	24 <sup>h</sup> 58'	26 <sup>h</sup> 14'	20 <sup>h</sup> 59'	21 <sup>h</sup> 56'	T 21
W22	2 1 19	28 <sup>h</sup> 27'10"	1 <sup>h</sup> 43'	20 <sup>h</sup> 4'	23 <sup>h</sup> 40'	4 <sup>h</sup> 39'	26 <sup>h</sup> 50'	14 <sup>h</sup> 34'	26 <sup>h</sup> 33'	12 <sup>h</sup> 36'	1 <sup>h</sup> 35'	24 <sup>h</sup> 55'	26 <sup>h</sup> 11'	21 <sup>h</sup> 6'	21 <sup>h</sup> 54'	W22
T 23	2 5 16	29 <sup>h</sup> 26'32"	13 <sup>h</sup> 33'	21 <sup>h</sup> 24'	24 <sup>h</sup> 54'	5 <sup>h</sup> 17'	26 <sup>h</sup> 48'	14 <sup>h</sup> 30'	26 <sup>h</sup> 32'	12 <sup>h</sup> 38'	1 <sup>h</sup> 34'	24 <sup>h</sup> 53'	26 <sup>h</sup> 8'	21 <sup>h</sup> 13'	21 <sup>h</sup> 51'	T 23
F 24	2 9 12	0 <sup>h</sup> 25'56"	25 <sup>h</sup> 27'	22 <sup>h</sup> 43'	26 <sup>h</sup> 8'	5 <sup>h</sup> 55'	26 <sup>h</sup> 47'	14 <sup>h</sup> 25'	26 <sup>h</sup> 31'	12 <sup>h</sup> 40'	1 <sup>h</sup> 33'	24 <sup>h</sup> D52	26 <sup>h</sup> 5'	21 <sup>h</sup> 19'	21 <sup>h</sup> 48'	F 24
S 25	2 13 9	1 <sup>h</sup> 25'22"	7 <sup>h</sup> 27'	24 <sup>h</sup> 0'	27 <sup>h</sup> 22'	6 <sup>h</sup> 33'	26 <sup>h</sup> 45'	14 <sup>h</sup> 20'	26 <sup>h</sup> 29'	12 <sup>h</sup> 42'	1 <sup>h</sup> 32'	24 <sup>h</sup> 53'	26 <sup>h</sup> 1'	21 <sup>h</sup> 26'	21 <sup>h</sup> 46'	S 25
S 26	2 17 5	2 <sup>h</sup> 24'49"	19 <sup>h</sup> 35'	25 <sup>h</sup> 17'	28 <sup>h</sup> 36'	7 <sup>h</sup> 11'	26 <sup>h</sup> 43'	14 <sup>h</sup> 16'	26 <sup>h</sup> 28'	12 <sup>h</sup> 44'	1 <sup>h</sup> 31'	24 <sup>h</sup> 54'	25 <sup>h</sup> 58'	21 <sup>h</sup> 33'	21 <sup>h</sup> 43'	S 26
M27	2 21 2	3 <sup>h</sup> 24'19"	1 <sup>h</sup> 56'	26 <sup>h</sup> 32'	29 <sup>h</sup> 50'	7 <sup>h</sup> 49'	26 <sup>h</sup> 41'	14 <sup>h</sup> 11'	26 <sup>h</sup> 27'	12 <sup>h</sup> 47'	1 <sup>h</sup> 30'	24 <sup>h</sup> 56'	25 <sup>h</sup> 55'	21 <sup>h</sup> 39'	21 <sup>h</sup> 40'	M27
T 28	2 24 58	4 <sup>h</sup> 23'50"	14 <sup>h</sup> 32'	27 <sup>h</sup> 46'	1 <sup>h</sup> 31'	8 <sup>h</sup> 27'	26 <sup>h</sup> 39'	14 <sup>h</sup> 6'	26 <sup>h</sup> 26'	12 <sup>h</sup> 49'	1 <sup>h</sup> 29'	24 <sup>h</sup> 57'	25 <sup>h</sup> 52'	21 <sup>h</sup> 46'	21 <sup>h</sup> 38'	T 28
W29	2 28 55	5 <sup>h</sup> 23'23"	27 <sup>h</sup> 27'	28 <sup>h</sup> 58'	2 <sup>h</sup> 17'	9 <sup>h</sup> 5'	26 <sup>h</sup> 36'	14 <sup>h</sup> 2'	26 <sup>h</sup> 25'	12 <sup>h</sup> 51'	1 <sup>h</sup> 28'	24 <sup>h</sup> 58'	25 <sup>h</sup> 49'	21 <sup>h</sup> 53'	21 <sup>h</sup> 35'	W29
T 30	2 32 51	6 <sup>h</sup> 22'58"	10 <sup>h</sup> 45'	0 <sup>h</sup> 27'	3 <sup>h</sup> 31'	9 <sup>h</sup> 43'	26 <sup>h</sup> 33'	13 <sup>h</sup> 57'	26 <sup>h</sup> 23'	12 <sup>h</sup> 53'	1 <sup>h</sup> 27'	24 <sup>h</sup> R59	25 <sup>h</sup> 45'	21 <sup>h</sup> 59'	21 <sup>h</sup> 32'	T 30
F 31	2 36 48	7 <sup>h</sup> 22'34"	24 <sup>h</sup> 28'	1 <sup>h</sup> 16'	4 <sup>h</sup> 45'	10 <sup>h</sup> 21'	26 <sup>h</sup> 30'	13 <sup>h</sup> 52'	26 <sup>h</sup> 22'	12 <sup>h</sup> 56'	1 <sup>h</sup> 26'	24 <sup>h</sup> 58'	25 <sup>h</sup> 42'	22 <sup>h</sup> 6'	21 <sup>h</sup> 29'	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	3s 5	26s10	4s 4	6s45	0n28	10s 1	0n41	4n28	1n 8	22n37	0s42	14n 2	2s38	23n25	0n 5	13s46	1n40	5n58	14s46	19n12	19n29	4s21	15n57	2s31							
T 2	3 28	24 19	4 42	7 29	0 21	10 29	0 39	4 13	1 8	22 37	0 42	14 1	2 38	23 25	0 5	13 47	1 40	5 58	14 46	19 11	19 29	4 24	15 56	2 31							
F 3	3 51	20 59	5 4	8 12	0 14	10 57	0 37	3 58	1 8	22 37	0 42	14 0	2 38	23 25	0 5	13 47	1 39	5 58	14 47	19 10	19 28	4 28	15 55	2 32							
S 4	4 14	16 18	5 8	8 55	0 7	11 25	0 34	3 43	1 7	22 37	0 42	13 59	2 38	23 25	0 5	13 48	1 39	5 57	14 47	19 9	19 27	4 31	15 55	2 32							
S 5	4 37	10 32	4 52	9 37	0 0	11 53	0 32	3 28	1 7	22 37	0 42	13 58	2 38	23 25	0 5	13 48	1 39	5 57	14 47	19 7	19 27	4 34	15 54	2 32							
M 6	5 0	4 2	4 16	10 19	0s 7	12 20	0 30	3 12	1 7	22 37	0 42	13 57	2 39	23 25	0 5	13 49	1 39	5 57	14 47	19 6	19 26	4 37	15 53	2 32							
T 7	5 23	2n47	3 21	10 59	0 14	12 47	0 27	2 57	1 7	22 37	0 42	13 55	2 39	23 25	0 5	13 50	1 39	5 56	14 47	19 4	19 25	4 40	15 53	2 32							
W 8	5 46	9 27	2 12	11 40	0 22	13 14	0 25	2 42	1 7	22 37	0 42	13 54	2 39	23 25	0 5	13 50	1 39	5 56	14 48	19 3	19 24	4 43	15 52	2 33							
T 9	6 8	15 30	0 55	12 19	0 29	13 40	0 22	2 27	1 7	22 37	0 43	13 53	2 39	23 25	0 6	13 51	1 39	5 56	14 48	19 3	19 24	4 47	15 51	2 33							
F 10	6 31	20 30	0n25	12 58	0 36	14 6	0 20	2 12	1 7	22 37	0 43	13 52	2 39	23 25	0 6	13 52	1 39	5 55	14 48	19 3	19 23	4 50	15 50	2 33							
S 11	6 53	24 8	1 42	13 35	0 43	14 32	0 17	1 57	1 7	22 37	0 43	13 51	2 39	23 25	0 6	13 52	1 39	5 55	14 48	19 3	19 22	4 53	15 50	2 33							
S 12	7 16	26 11	2 50	14 12	0 51	14 57	0 14	1 41	1 7	22 37	0 43	13 49	2 39	23 25	0 6	13 53	1 39	5 55	14 48	19 3	19 21	4 56	15 49	2 33							
M13	7 38	26 36	3 46	14 49	0 58	15 23	0 12	1 26	1 7	22 37	0 43	13 48	2 39	23 25	0 6	13 54	1 39	5 54	14 49	19 4	19 21	4 59	15 48	2 33							
T 14	8 0	25 30	4 29	15 24	1 5	15 47	0 9	1 11	1 6	22 37	0 43	13 47	2 40	23 25	0 6	13 54	1 39	5 54	14 49	19 4	19 20	5 2	15 47	2 34							
W15	8 22	23 6	4 57	15 59	1 12	16 12	0 7	0 56	1 6	22 37	0 43	13 45	2 40	23 25	0 6	13 55	1 39	5 54	14 49	19 3	19 19	5 5	15 47	2 34							
T 16	8 44	19 41	5 11	16 33	1 19	16 35	0 4	0 41	1 6	22 37	0 43	13 44	2 40	23 25	0 6	13 56	1 39	5 53	14 49	19 3	19 18	5 9	15 46	2 34							
F 17	9 6	15 28	5 10	17 6	1 26	16 59	0 1	0 26	1 6	22 37	0 43	13 43	2 40	23 25	0 6	13 56	1 39	5 53	14 49	19 2	19 18	5 12	15 45	2 34							
S 18	9 28	10 42	4 55	17 38	1 33	17 22	0s 2	0 10	1 6	22 37	0 43	13 42	2 40	23 25	0 6	13 57	1 39	5 53	14 49	19 0	19 17	5 15	15 44	2 34							
S 19	9 49	5 36	4 28	18 9	1 40	17 45	0 4	0s 5	1 6	22 37	0 43	13 40	2 40	23 25	0 6	13 58	1 39	5 52	14 50	18 59	19 16	5 18	15 44	2 34							
M20	10 11	0 19	3 49	18 39	1 46	18 7	0 7	0 20	1 6	22 37	0 43	13 39	2 40	23 25	0 6	13 58	1 39	5 52	14 50	18 58	19 16	5 21	15 43	2 34							
T 21	10 32	4s58	3 0	19 8	1 53	18 29	0 10	0 35	1 6	22 37	0 43	13 38	2 40	23 25	0 6	13 59	1 39	5 52	14 50	18 57	19 15	5 24	15 42	2 35							
W22	10 53	10 6	2 4	19 36	1 59	18 50	0 13	0 50	1 5	22 37	0 43	13 36	2 40	23 25	0 6	14 0	1 39	5 52	14 50	18 56	19 14	5 27	15 41	2 35							
T 23	11 14	14 52	1 2	20 4	2 5	19 11	0 15	1 5	1 5	22 37	0 43	13 35	2 40	23 25	0 6	14 0	1 39	5 51	14 50	18 56	19 13	5 31	15 40	2 35							
F 24	11 35	19 7	0s 3	20 30	2 11	19 51	0 18	1 21	1 5	22 37	0 43	13 33	2 40	23 25	0 6	14 1	1 39	5 51	14 50	18 55	19 13	5 34	15 40	2 35							
S 25	11 56	22 37	1 9	20 55	2 17	19 51	0 21	1 36	1 5	22 36	0 43	13 32	2 40	23 25	0 6	14 2	1 39	5 51	14 50	18 56	19 12	5 37	15 39	2 35							
S 26	12 16	25 9	2 12	21 19	2 22	20 10	0 24	1 51	1 5	22 36	0 43	13 31	2 40	23 25	0 6	14 2	1 39	5 50	14 51	18 56	19 11	5 40	15 38	2 35							
M27	12 37	26 31	3 11	21 42	2 27	20 29	0 27	2 6	1 5	22 36	0 43	13 29	2 40	23 25	0 6	14 3	1 39	5 50	14 51	18 56	19 10	5 43	15 37	2 35							
T 28	12 57	26 34	4 1	22 4	2 32	20 47	0 29	2 21	1 5	22 36	0 43	13 28	2 40	23 25	0 6	14 4	1 39	5 50	14 51	18 57	19 10	5 46	15 36	2 36							
W29	13 17	25 11	4 41	22 25	2 37	21 4	0 32	2 36	1 4	22 36	0 43	13 26	2 40	23 25	0 6	14 4	1 39	5 49	14 51	18 57	19 9	5 49	15 35	2 36							
T 30	13 36	22 24	5 7	22 44	2 41	21 22	0 35	2 51	1 4	22 36	0 43	13 25	2 40	23 25	0 6	14 5	1 39	5 49	14 51	18 57	19 8	5 53	15 35	2 36							
F 31	13s56	18s17	5s16	23s 2	2s45	21s38	0s38	3s 6	1n 4	22n36	0s43	13n24	2s41	23n24	0n 6	14s 6	1n39	5n49	14s51	18n57	19n 7	5s56	15n34	2s36							

## ASTRODIENST EPHEMERIS for the year 2617

NOVEMBER 2617

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 40 45	8♉22°12'	8♉36	2♊23	5♊59	10♉59	26°R27	13°R48	26°R20	12♉58	1°R25	24°R56	25♉39	22♉13	21°R26	S 1
S 2	2 44 41	9°21'52"	23° 8	3°27	7°13	11°37	26♉24	13♉43	26♉19	13° 0	1°24	24♉54	25°36	22°19	21♉23	S 2
M 3	2 48 38	10°21'33"	8♉7	4°28	8°26	12°15	26°20	13°38	26°17	13° 2	1°23	24°53	25°33	22°26	21°21	M 3
T 4	2 52 34	11°21'16"	23° 7	5°27	9°40	12°53	26°16	13°33	26°16	13° 4	1°22	24°51	25°30	22°33	21°18	T 4
W 5	2 56 31	12°21'01"	8♉18	6°23	10°54	13°31	26°13	13°28	26°14	13° 7	1°21	24°50	25°26	22°39	21°15	W 5
T 6	3 0 27	13°20'48"	23°23	7°15	12° 7	14° 9	26° 8	13°24	26°13	13° 9	1°20	24°D49	25°23	22°46	21°12	T 6
F 7	3 4 24	14°20'37"	8♉15	8° 3	13°21	14°47	26° 4	13°19	26°11	13°11	1°19	24°50	25°20	22°53	21° 9	F 7
S 8	3 8 20	15°20'28"	22°45	8°47	14°35	15°25	26° 0	13°14	26° 9	13°13	1°18	24°50	25°17	22°59	21° 6	S 8
S 9	3 12 17	16°20'21"	6♉50	9°27	15°49	16° 3	25°55	13° 9	26° 8	13°16	1°17	24°51	25°14	23° 6	21° 3	S 9
M10	3 16 14	17°20'17"	20°28	10° 1	17° 2	16°41	25°50	13° 5	26° 6	13°18	1°16	24°52	25°10	23°13	21° 0	M10
T 11	3 20 10	18°20'14"	3♉40	10°30	18°16	17°19	25°45	13° 0	26° 4	13°20	1°15	24°52	25° 7	23°19	20°57	T 11
W12	3 24 7	19°20'14"	16°28	10°52	19°30	17°57	25°40	12°55	26° 2	13°22	1°13	24°R53	25° 4	23°26	20°54	W12
T 13	3 28 3	20°20'15"	28°55	11° 8	20°43	18°35	25°35	12°50	26° 0	13°25	1°12	24°53	25° 1	23°33	20°51	T 13
F 14	3 32 0	21°20'19"	11♉7	11°R15	21°57	19°13	25°29	12°46	25°58	13°27	1°11	24°52	24°58	23°39	20°48	F 14
S 15	3 35 56	22°20'25"	23° 7	11°15	23°11	19°51	25°24	12°41	25°56	13°29	1°10	24°52	24°55	23°46	20°45	S 15
S 16	3 39 53	23°20'33"	4♉59	11° 6	24°24	20°29	25°18	12°36	25°54	13°31	1° 9	24°52	24°51	23°53	20°42	S 16
M17	3 43 49	24°20'42"	16°48	10°47	25°38	21° 7	25°12	12°32	25°52	13°33	1° 8	24°52	24°48	23°59	20°39	M17
T 18	3 47 46	25°20'54"	28°36	10°18	26°51	21°45	25° 6	12°27	25°50	13°36	1° 7	24°D52	24°45	24° 6	20°36	T 18
W19	3 51 43	26°21'08"	10♉27	9°40	28° 5	22°23	25° 0	12°22	25°48	13°38	1° 6	24°52	24°42	24°13	20°34	W19
T 20	3 55 39	27°21'23"	22°23	8°52	29°18	23° 1	24°53	12°18	25°46	13°40	1° 5	24°R52	24°39	24°19	20°31	T 20
F 21	3 59 36	28°21'40"	4♊27	7°54	0♉32	23°39	24°47	12°13	25°44	13°42	1° 3	24°52	24°36	24°26	20°28	F 21
S 22	4 3 32	29°21'59"	16°39	6°49	1°45	24°17	24°40	12° 9	25°42	13°44	1° 2	24°51	24°32	24°33	20°25	S 22
S 23	4 7 29	0♊22°20'	29° 2	5°36	2°59	24°55	24°33	12° 4	25°39	13°47	1° 1	24°51	24°29	24°39	20°22	S 23
M24	4 11 25	1°22°42'	11♉36	4°18	4°12	25°33	24°26	12° 0	25°37	13°49	1° 0	24°50	24°26	24°46	20°19	M24
T 25	4 15 22	2°23°06'	24°24	2°58	5°26	26°11	24°19	11°56	25°35	13°51	0°59	24°49	24°23	24°53	20°16	T 25
W26	4 19 19	3°23°31'	7♉27	1°37	6°39	26°49	24°12	11°51	25°33	13°53	0°58	24°48	24°20	24°59	20°13	W26
T 27	4 23 15	4°23°57'	20°47	0°20	7°53	27°27	24° 5	11°47	25°30	13°55	0°57	24°48	24°16	25° 6	20°10	T 27
F 28	4 27 12	5°24°24'	4♉25	29♉7	9° 6	28° 5	23°57	11°43	25°28	13°57	0°56	24°D47	24°13	25°13	20° 8	F 28
S 29	4 31 8	6°24°53'	18°21	28° 1	10°20	28°43	23°50	11°39	25°26	13°59	0°54	24°47	24°10	25°19	20° 5	S 29
S 30	4 35 5	7♊25°23'	2♉35	27♉5	11♉33	29♉21	23♉42	11♉35	25♉23	14♉2	0♉53	24♉48	24♉7	25♉26	20♉2	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	14s15	13s 4	5s 7	23s19	2s48	21s54	0s40	3s21	1n 4	22n36	0s43	13n22	2s41	23n24	0n 6	14s 6
S 2	14 34	6 59	4 39	23 35	2 51	22 9	0 43	3 36	1 4	22 36	0 43	13 21	2 41	23 24	0 6	14 7
M 3	14 53	0 22	3 51	23 49	2 54	22 24	0 46	3 51	1 4	22 36	0 43	13 19	2 41	23 24	0 6	14 8
T 4	15 11	6n22	2 47	24 2	2 56	22 38	0 49	4 6	1 3	22 36	0 43	13 18	2 40	23 24	0 6	14 8
W 5	15 30	12 48	1 30	24 13	2 57	22 51	0 51	4 21	1 3	22 36	0 43	13 17	2 40	23 24	0 6	14 9
T 6	15 48	18 26	0 8	24 23	2 58	23 4	0 54	4 36	1 3	22 36	0 43	13 15	2 40	23 24	0 6	14 10
F 7	16 5	22 49	1n14	24 31	2 58	23 16	0 57	4 50	1 3	22 35	0 43	13 14	2 40	23 24	0 6	14 10
S 8	16 23	25 38	2 29	24 37	2 58	23 27	0 59	5 5	1 3	22 35	0 43	13 13	2 40	23 24	0 6	14 11
S 9	16 40	26 43	3 33	24 42	2 56	23 38	1 2	5 20	1 2	22 35	0 43	13 11	2 40	23 24	0 6	14 12
M10	16 57	26 8	4 22	24 45	2 54	23 48	1 4	5 35	1 2	22 35	0 43	13 10	2 40	23 24	0 6	14 12
T 11	17 14	24 4	4 56	24 46	2 50	23 57	1 7	5 49	1 2	22 35	0 43	13 8	2 40	23 24	0 6	14 13
W12	17 30	20 50	5 14	24 44	2 46	24 6	1 10	6 4	1 2	22 35	0 43	13 7	2 40	23 24	0 6	14 14
T 13	17 46	16 45	5 17	24 41	2 40	24 14	1 12	6 18	1 2	22 35	0 43	13 6	2 40	23 24	0 6	14 14
F 14	18 2	12 4	5 5	24 35	2 33	24 21	1 15	6 33	1 1	22 35	0 42	13 4	2 40	23 24	0 6	14 15
S 15	18 18	7 1	4 40	24 26	2 25	24 28	1 17	6 47	1 1	22 34	0 42	13 3	2 40	23 24	0 6	14 15
S 16	18 33	1 45	4 3	24 15	2 15	24 34	1 19	7 2	1 1	22 34	0 42	13 2	2 40	23 24	0 6	14 16
M17	18 48	3s33	3 16	24 1	2 3	24 39	1 22	7 16	1 1	22 34	0 42	13 0	2 40	23 24	0 6	14 17
T 18	19 2	8 45	2 21	23 44	1 50	24 43	1 24	7 31	1 0	22 34	0 42	12 59	2 40	23 24	0 6	14 17
W19	19 16	13 39	1 19	23 24	1 35	24 47	1 26	7 45	1 0	22 34	0 42	12 58	2 40	23 24	0 6	14 18
T 20	19 30	18 5	0 14	23 0	1 19	24 50	1 28	7 59	1 0	22 34	0 42	12 57	2 39	23 24	0 6	14 19
F 21	19 44	21 50	0s53	22 34	1 1	24 52	1 31	8 13	1 0	22 33	0 42	12 55	2 39	23 24	0 6	14 19
S 22	19 57	24 39	1 58	22 4	0 42	24 54	1 33	8 28	1 0	22 33	0 42	12 54	2 39	23 24	0 6	14 20
S 23	20 10	26 20	2 59	21 32	0 22	24 54	1 35	8 42	0 59	22 33	0 42	12 53	2 39	23 23	0 6	14 21
M24	20 22	26 42	3 51	20 58	0 2	24 54	1 37	8 56	0 59	22 33	0 42	12 52	2 39	23 23	0 6	14 21
T 25	20 34	25 39	4 34	20 23	0n19	24 54	1 39	9 10	0 59	22 32	0 42	12 51	2 39	23 23	0 6	14 22
W26	20 46	23 13	5 3	19 47	0 39	24 52	1 41	9 24	0 59	22 32	0 42	12 49	2 39	23 23	0 6	14 22
T 27	20 57	19 31	5 16	19 12	0 58	24 50	1 42	9 37	0 58	22 32	0 42	12 48	2 39	23 23	0 6	14 23
F 28	21 8	14 43	5 13	18 39	1 16	24 47	1 44	9 51	0 58	22 32	0 42	12 47	2 38	23 23	0 6	14 24
S 29	21 19	9 3	4 51	18 9	1 33	24 43	1 46	10 5	0 58	22 31	0 42	12 46	2 38	23 23	0 6	14 24
S 30	21s29	2s49	4s11	17s42	1n48	24s39	1s48	10s18	0n58	22n31	0s42	12n45	2s38	23n23	0n 6	14s25

Julian Day Number = 2677203.5, Delta T = 21m23s

Ecliptic obliquity = 23°21'38", Nutation = - 0°00'15"

Ayanamsha: Fagan/Bradley = 33°22'56", Lahiri = 32°29'55"

# ASTRODIENST EPHEMERIS for the year 2617

DECEMBER 2617

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	4 39 1	8 <sup>h</sup> 25 <sup>m</sup> 54 <sup>s</sup>	17 <sup>h</sup> 7 <sup>m</sup> 5 <sup>s</sup>	26°R19	12 <sup>h</sup> 34 <sup>m</sup> 46 <sup>s</sup>	29 <sup>h</sup> 59 <sup>m</sup> 59 <sup>s</sup>	23°R35	11°R31	25°R21	14 <sup>h</sup> 4 <sup>m</sup> 4 <sup>s</sup>	0°R52	24 <sup>h</sup> 34 <sup>m</sup> 49 <sup>s</sup>	24 <sup>h</sup> 34 <sup>m</sup> 4 <sup>s</sup>	25 <sup>h</sup> 53 <sup>m</sup> 33 <sup>s</sup>	19°R59	M 1
T 2	4 42 58	9°26'26"	18 <sup>h</sup> 47 <sup>m</sup>	25 <sup>h</sup> 14 <sup>m</sup> 45 <sup>s</sup>	14° 0	0 <sup>h</sup> 13 <sup>m</sup> 37 <sup>s</sup>	23 <sup>h</sup> 11 <sup>m</sup> 27 <sup>s</sup>	11 <sup>h</sup> 8 <sup>m</sup> 27 <sup>s</sup>	25 <sup>h</sup> 11 <sup>m</sup> 19 <sup>s</sup>	14° 6	0 <sup>h</sup> 11 <sup>m</sup> 51 <sup>s</sup>	24°50'	24° 1	25°39'	19 <sup>h</sup> 56 <sup>m</sup>	T 2
W 3	4 46 54	10°27'00"	16°37'	25°22'	15°13'	1°14'	23°19'	11°23'	25°16'	14° 8	0°50'	24°51'	23°57'	25°46'	19°54'	W 3
T 4	4 50 51	11°27'35"	1 <sup>h</sup> 11 <sup>m</sup> 27 <sup>s</sup>	25°D11	16°26'	1°52'	23°12'	11°19'	25°14'	14°10'	0°49'	24°R51	23°54'	25°53'	19°51'	T 4
F 5	4 54 48	12°28'11"	16° 9	25°11'	17°39'	2°30'	23° 4	11°15'	25°11'	14°12'	0°48'	24°50'	23°51'	25°59'	19°48'	F 5
S 6	4 58 44	13°28'49"	0 <sup>h</sup> 58 <sup>m</sup> 37 <sup>s</sup>	25°22'	18°52'	3° 8	22°56'	11°12'	25° 9	14°14'	0°47'	24°48'	23°48'	26° 6	19°46'	S 6
S 7	5 2 41	14°29'29"	14°44'	25°42'	20° 5	3°46'	22°48'	11° 8	25° 6	14°16'	0°46'	24°46'	23°45'	26°13'	19°43'	S 7
M 8	5 6 37	15°30'09"	28°28'	26°12'	21°19'	4°24'	22°40'	11° 4	25° 4	14°18'	0°45'	24°43'	23°42'	26°19'	19°40'	M 8
T 9	5 10 34	16°30'51"	11 <sup>h</sup> 18 <sup>m</sup> 46 <sup>s</sup>	26°49'	22°32'	5° 2	22°32'	11° 1	25° 1	14°20'	0°43'	24°40'	23°38'	26°26'	19°38'	T 9
W10	5 14 30	17°31'35"	24°40'	27°33'	23°45'	5°40'	22°23'	10°58'	24°59'	14°22'	0°42'	24°37'	23°35'	26°33'	19°35'	W10
T 11	5 18 27	18°32'20"	7 <sup>h</sup> 11 <sup>m</sup> 12 <sup>s</sup>	28°24'	24°58'	6°18'	22°15'	10°54'	24°56'	14°24'	0°41'	24°35'	23°32'	26°39'	19°33'	T 11
F 12	5 22 23	19°33'07"	19°26'	29°20'	26°11'	6°56'	22° 7	10°51'	24°54'	14°26'	0°40'	24°D35	23°29'	26°46'	19°30'	F 12
S 13	5 26 20	20°33'54"	1 <sup>h</sup> 26 <sup>m</sup>	27°23'	27°23'	7°34'	21°59'	10°48'	24°51'	14°28'	0°39'	24°35'	23°26'	26°53'	19°28'	S 13
S 14	5 30 17	21°34'44"	13°17'	1°26'	28°36'	8°12'	21°51'	10°45'	24°49'	14°29'	0°38'	24°37'	23°22'	26°59'	19°25'	S 14
M15	5 34 13	22°35'34"	25° 5	2°35'	29°49'	8°50'	21°43'	10°42'	24°46'	14°31'	0°37'	24°39'	23°19'	27° 6	19°23'	M15
T 16	5 38 10	23°36'26"	6 <sup>h</sup> 11 <sup>m</sup> 54 <sup>s</sup>	3°47'	1 <sup>h</sup> 22 <sup>m</sup> 2 <sup>s</sup>	9°28'	21°34'	10°39'	24°44'	14°33'	0°36'	24°40'	23°16'	27°13'	19°21'	T 16
W17	5 42 6	24°37'20"	18°49'	5° 1	2°15'	10° 6	21°26'	10°36'	24°41'	14°35'	0°35'	24°R42	23°13'	27°19'	19°18'	W17
T 18	5 46 3	25°38'14"	0 <sup>h</sup> 52 <sup>m</sup>	6°18'	3°27'	10°44'	21°18'	10°34'	24°39'	14°37'	0°34'	24°42'	23°10'	27°26'	19°16'	T 18
F 19	5 49 59	26°39'10"	13° 7	7°38'	4°20'	11°22'	21°10'	10°31'	24°36'	14°39'	0°33'	24°40'	23° 7	27°33'	19°14'	F 19
S 20	5 53 56	27°40'07"	25°34'	8°58'	5°53'	12° 0	21° 2	10°29'	24°33'	14°40'	0°32'	24°37'	23° 3	27°39'	19°12'	S 20
S 21	5 57 52	28°41'04"	8 <sup>h</sup> 31 <sup>m</sup> 16 <sup>s</sup>	10°21'	7° 5	12°38'	20°54'	10°26'	24°31'	14°42'	0°31'	24°32'	23° 0	27°46'	19°10'	S 21
M22	6 1 49	29°42'03"	21°13'	11°44'	8°18'	13°16'	20°46'	10°24'	24°28'	14°44'	0°30'	24°26'	22°57'	27°53'	19° 8	M22
T 23	6 5 46	0 <sup>h</sup> 34 <sup>m</sup> 3'02 <sup>s</sup>	4 <sup>h</sup> 22 <sup>m</sup> 33 <sup>s</sup>	13° 9	9°30'	13°54'	20°38'	10°22'	24°26'	14°46'	0°29'	24°19'	22°54'	27°59'	19° 6	T 23
W24	6 9 42	1°44'02"	17°45'	14°34'	10°43'	14°32'	20°30'	10°20'	24°23'	14°47'	0°28'	24°13'	22°51'	28° 6	19° 4	W24
T 25	6 13 39	2°45'02"	1 <sup>h</sup> 19 <sup>m</sup>	16° 1	11°55'	15° 9	20°22'	10°18'	24°21'	14°49'	0°27'	24° 8	22°48'	28°13'	19° 2	T 25
F 26	6 17 35	3°46'03"	15° 4	17°28'	13° 7	15°47'	20°14'	10°16'	24°18'	14°51'	0°26'	24° 5	22°44'	28°19'	19° 0	F 26
S 27	6 21 32	4°47'04"	28°59'	18°56'	14°20'	16°25'	20° 7	10°14'	24°16'	14°52'	0°26'	24°D 3	22°41'	28°26'	18°58'	S 27
S 28	6 25 28	5°48'06"	13 <sup>h</sup> 7 <sup>m</sup> 2 <sup>s</sup>	20°24'	15°32'	17° 3	19°59'	10°12'	24°13'	14°54'	0°25'	24° 3	22°38'	28°33'	18°56'	S 28
M29	6 29 25	6°49'07"	27°13'	21°53'	16°44'	17°41'	19°51'	10°11'	24°11'	14°55'	0°24'	24° 4	22°35'	28°39'	18°54'	M29
T 30	6 33 22	7°50'10"	11 <sup>h</sup> 8 <sup>m</sup> 31 <sup>s</sup>	23°23'	17°56'	18°19'	19°44'	10° 9	24° 8	14°57'	0°23'	24° 6	22°32'	28°46'	18°53'	T 30
W31	6 37 18	8 <sup>h</sup> 35 <sup>m</sup> 1'12 <sup>s</sup>	25 <sup>h</sup> 8 <sup>m</sup> 53 <sup>s</sup>	24 <sup>h</sup> 57 <sup>m</sup>	19 <sup>h</sup> 22 <sup>m</sup> 8 <sup>s</sup>	18 <sup>h</sup> 11 <sup>m</sup> 57 <sup>s</sup>	19 <sup>h</sup> 11 <sup>m</sup> 37 <sup>s</sup>	10 <sup>h</sup> 8 <sup>m</sup> 8 <sup>s</sup>	24 <sup>h</sup> 11 <sup>m</sup> 6 <sup>s</sup>	14 <sup>h</sup> 11 <sup>m</sup> 58 <sup>s</sup>	0 <sup>h</sup> 11 <sup>m</sup> 22 <sup>s</sup>	24°R 6	22 <sup>h</sup> 8 <sup>m</sup> 28 <sup>s</sup>	28 <sup>h</sup> 53 <sup>m</sup>	18 <sup>h</sup> 51 <sup>m</sup>	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	21s38'	3n42'	3s14'	17s19'	2n 0	24s34'	1s49'	10s32'	0n57'	22n31'	0s41'	12n44'	2s38'	23n23'	0n 6	14s25'
T 2	21 48 10	7 2 4	17 1	2 11 24	28 1 51	10 45	0 57 22	31 0 41	12 43 2	38 23	23 0 6	14 26 1	39 5 42	14 52 18	55 18	43 7
W 3	21 56 16	1 0 45	16 48	2 19 24	21 1 52	10 59	0 57 22	30 0 41	12 42 2	38 23	23 0 6	14 27 1	39 5 42	14 52 18	55 18	42 7
T 4	22 5 20	59 0n36	16 39	2 25 24	14 1 54	11 12	0 56 22	30 0 41	12 41 2	37 23	23 0 6	14 27 1	39 5 42	14 51 18	55 18	41 7
F 5	22 13 24	33 1 55	16 34	2 30 24	6 1 55	11 25	0 56 22	30 0 41	12 40 2	37 23	23 0 6	14 28 1	39 5 41	14 51 18	55 18	40 7
S 6	22 21 26	27 3 5	16 34	2 33 23	57 1 56	11 39	0 56 22	29 0 41	12 39 2	37 23	23 0 6	14 28 1	39 5 41	14 51 18	54 18	40 7
S 7	22 28 26	33 4 2	16 38	2 34 23	48 1 57	11 52	0 56 22	29 0 41	12 38 2	37 23	22 0 6	14 29 1	40 5 41	14 51 18	54 18	39 7
M 8	22 34 25	1 4 43	16 45	2 34 23	38 1 58	12 5	0 55 22	29 0 41	12 37 2	37 23	22 0 6	14 29 1	40 5 41	14 51 18	53 18	38 7
T 9	22 41 22	7 5 7	16 55	2 32 23	27 1 59	12 18	0 55 22	28 0 41	12 36 2	36 23	22 0 6	14 30 1	40 5 41	14 51 18	52 18	37 7
W10	22 47 18	12 5 15	17 7	2 30 23	15 2 0	12 31	0 55 22	28 0 40	12 35 2	36 23	22 0 6	14 31 1	40 5 41	14 51 18	52 18	36 8
T 11	22 52 13	36 5 8	17 22	2 26 23	3 2 1	12 43	0 54 22	28 0 40	12 35 2	36 23	22 0 6	14 31 1	40 5 41	14 51 18	51 18	36 8
F 12	22 57 8	34 4 46	17 38	2 22 22	50 2 2	12 56	0 54 22	27 0 40	12 34 2	36 23	22 0 6	14 32 1	40 5 41	14 51 18	51 18	35 8
S 13	23 2 3	18 4 12	17 55	2 17 22	37 2 2	13 9	0 54 22	27 0 40	12 33 2	35 23	22 0 6	14 32 1	40 5 41	14 50 18	51 18	34 8
S 14	23 6 2s	2 3 28	18 14	2 12 22	23 2 3	13 21	0 53 22	27 0 40	12 32 2	35 23	22 0 6	14 33 1	40 5 41	14 50 18	52 18	33 8
M15	23 9 7	16 2 36	18 33	2 6 22	8 2 3	13 34	0 53 22	26 0 40	12 32 2	35 23	22 0 6	14 33 1	40 5 41	14 50 18	52 18	33 8
T 16	23 12 12	16 1 36	18 53	1 59 21	53 2 4	13 46	0 53 22	26 0 40	12 31 2	35 23	22 0 6	14 34 1	40 5 41	14 50 18	52 18	32 8
W17	23 15 16	51 0 32	19 13	1 53 21	37 2 4	13 58	0 52 22	26 0 40	12 30 2	35 23	22 0 6	14 34 1	40 5 41	14 50 18	53 18	31 8
T 18	23 17 20	49 0s34	19 33	1 46 21	20 2 4	14 10	0 52 22	25 0 39	12 30 2	34 23	22 0 6	14 35 1	40 5 41	14 50 18	53 18	30 8
F 19	23 19 23	56 1 39	19 53	1 38 21	3 2 5	14 22	0 52 22	25 0 39	12 29 2	34 23	21 0 6	14 35 1	40 5 40	14 50 18	52 18	29 8
S 20	23 20 25	58 2 41	20 13	1 31 20	45 2 5	14 34	0 51 22	24 0 39	12 29 2	34 23	21 0 6	14 36 1	40 5 40	14 49 18	52 18	29 8
S 21	23 21 26	41 3 36	20 33	1 24 20	27 2 5	14 46	0 51 22	24 0 39	12 28 2	34 23	21 0 6	14 36 1	40 5 40	14 49 18	50 18	28 8
M22	23 22 25	59 4 20	20 52	1 16 20	8 2 4	14 58	0 51 22	24 0 39	12 28 2	33 23	21 0 6	14 37 1	40 5 40	14 49 18	49 18	27 8
T 23	23 22 23	50 4 52	21 10	1 8 19	49 2 4	15 10	0 50 22	23 0 39	12 27 2	33 23	21 0 6	14 37 1	40 5 40	14 49 18	47 18	26 8
W24	23 21 20	21 5 9	21 28	1 1 19	29 2 4	15 21	0 50 22	23 0 38	12 27 2	33 23	21 0 6	14 37 1	40 5 40	14 49 18	46 18	25 8
T 25	23 20 15	46 5 8	21 45	0 53 19	8 2 3	15 32	0 49 22	23 0 38	12 27 2	33 23	21 0 6	14 38 1	40 5 40	14 48 18	45 18	25 8
F 26	23 18 10	19 4 50	22 1	0 45 18	47 2 3	15 44	0 49 22	22 0 38	12 26 2	32 23	21 0 6	14 38 1	40 5 40	14 48 18	44 18	24 8
S 27	23 16 4	18 4 15	22 17	0 37 18	26 2 2	15 55	0 49 22	22 0 38	12 26 2	32 23	21 0 6	14 39 1	40 5 40	14 48 18	43 18	23 8
S 28	23 14 2n	0 3 24	22 31	0 30 18	4 2 2	16 6	0 48 22	21 0 38	12 26 2	32 23	21 0 6	14 39 1	40 5 41	14 48 18	43 18	22 8
M29	23 11 8	16 2 21	22 45	0 22 17	41 2 1	16 17	0 48 22	21 0 38	12 25 2	31 23	20 0 7	14 40 1	40 5 41	14 48 18	44 18	21 9
T 30	23 8 14	10 1 8	22 57	0 15 17	18 2 0	16 28	0 47 22	21 0 37	12 25 2	31 23	20 0 7	14 40 1	40 5 41	14 47 18	44 18	21 9

# ASTRODIENST EPHEMERIS for the year 2618

JANUARY 2618

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 41 15	9♂52'15	10♂15	26♂23	20♂20	19♂35	19♂R30	10♂R 7	24♂R 4	15♂0	0♂R21	24♂R 5	22♂25	28♂59	18♂R49	T 1
F 2	6 45 11	10♂53'18	24♂33	27♂53	21♂31	20♂12	19♂II22	10♂8 6	24♂II 1	15♂1	0♂II20	24♂8 2	22♂22	29♂6	18♂48	F 2
S 3	6 49 8	11♂54'22	8♂33	29♂24	22♂43	20♂50	19♂15	10♂5	23♂59	15♂3	0♂20	23♂56	22♂19	29♂12	18♂46	S 3
S 4	6 53 4	12♂55'26	22♂39	0♂55	23♂55	21♂28	19♂9	10♂4	23♂56	15♂4	0♂19	23♂48	22♂16	29♂19	18♂45	S 4
M 5	6 57 1	13♂56'31	6♂16	2♂27	25♂6	22♂6	19♂2	10♂3	23♂54	15♂5	0♂18	23♂39	22♂13	29♂26	18♂44	M 5
T 6	7 0 57	14♂57'36	19♂33	3♂58	26♂18	22♂44	18♂55	10♂2	23♂52	15♂7	0♂17	23♂30	22♂9	29♂32	18♂42	T 6
W 7	7 4 54	15♂58'41	2♂27	5♂30	27♂29	23♂22	18♂49	10♂1	23♂49	15♂8	0♂17	23♂22	22♂6	29♂39	18♂41	W 7
T 8	7 8 51	16♂59'47	15♂1	7♂3	28♂40	24♂0	18♂42	10♂1	23♂47	15♂9	0♂16	23♂15	22♂3	29♂46	18♂40	T 8
F 9	7 12 47	18♂0'53	27♂17	8♂35	29♂51	24♂37	18♂36	10♂1	23♂45	15♂11	0♂15	23♂10	22♂0	29♂52	18♂38	F 9
S 10	7 16 44	19♂2'00	9♂19	10♂8	1♂3	25♂15	18♂30	10♂0	23♂43	15♂12	0♂14	23♂8	21♂57	29♂59	18♂37	S 10
S 11	7 20 40	20♂3'07	21♂11	11♂42	2♂13	25♂53	18♂24	10♂0	23♂40	15♂13	0♂14	23♂D 7	21♂54	0♂6	18♂36	S 11
M12	7 24 37	21♂4'14	2♂59	13♂15	3♂24	26♂31	18♂18	10♂D 0	23♂38	15♂14	0♂13	23♂8	21♂50	0♂12	18♂35	M12
T 13	7 28 33	22♂5'22	14♂48	14♂49	4♂35	27♂9	18♂13	10♂0	23♂36	15♂15	0♂12	23♂8	21♂47	0♂19	18♂34	T 13
W14	7 32 30	23♂6'30	26♂44	16♂23	5♂46	27♂46	18♂7	10♂0	23♂34	15♂16	0♂12	23♂R 9	21♂44	0♂26	18♂33	W14
T 15	7 36 26	24♂7'39	8♂52	17♂58	6♂56	28♂24	18♂2	10♂1	23♂32	15♂18	0♂11	23♂7	21♂41	0♂32	18♂33	T 15
F 16	7 40 23	25♂8'48	21♂15	19♂33	8♂7	29♂2	17♂57	10♂1	23♂30	15♂19	0♂11	23♂3	21♂38	0♂39	18♂32	F 16
S 17	7 44 20	26♂9'56	3♂56	21♂8	9♂17	29♂40	17♂52	10♂1	23♂28	15♂20	0♂10	22♂57	21♂34	0♂46	18♂31	S 17
S 18	7 48 16	27♂11'05	16♂57	22♂44	10♂27	0♂17	17♂47	10♂2	23♂26	15♂21	0♂9	22♂48	21♂31	0♂52	18♂31	S 18
M19	7 52 13	28♂12'14	0♂16	24♂20	11♂37	0♂55	17♂43	10♂3	23♂24	15♂22	0♂9	22♂37	21♂28	0♂59	18♂30	M19
T 20	7 56 9	29♂13'23	13♂52	25♂57	12♂47	1♂33	17♂38	10♂4	23♂22	15♂23	0♂8	22♂25	21♂25	1♂6	18♂29	T 20
W21	8 0 6	0♂14'31	27♂42	27♂34	13♂57	2♂10	17♂34	10♂5	23♂20	15♂23	0♂8	22♂14	21♂22	1♂12	18♂29	W21
T 22	8 4 2	1♂15'39	11♂41	29♂11	15♂6	2♂48	17♂30	10♂6	23♂18	15♂24	0♂7	22♂4	21♂19	1♂19	18♂29	T 22
F 23	8 7 59	2♂16'46	25♂46	0♂49	16♂16	3♂26	17♂26	10♂7	23♂16	15♂25	0♂7	21♂57	21♂15	1♂26	18♂28	F 23
S 24	8 11 55	3♂17'52	9♂54	2♂27	17♂25	4♂3	17♂22	10♂8	23♂15	15♂26	0♂6	21♂52	21♂12	1♂32	18♂28	S 24
S 25	8 15 52	4♂18'58	24♂1	4♂6	18♂34	4♂41	17♂19	10♂9	23♂13	15♂27	0♂6	21♂50	21♂9	1♂39	18♂28	S 25
M26	8 19 49	5♂20'04	8♂6	5♂46	19♂43	5♂19	17♂16	10♂11	23♂11	15♂27	0♂6	21♂D49	21♂6	1♂46	18♂27	M26
T 27	8 23 45	6♂21'08	22♂9	7♂26	20♂52	5♂56	17♂13	10♂13	23♂9	15♂28	0♂5	21♂R50	21♂3	1♂52	18♂27	T 27
W28	8 27 42	7♂22'12	6♂II 9	9♂6	22♂1	6♂34	17♂10	10♂14	23♂8	15♂29	0♂5	21♂49	21♂0	1♂59	18♂D27	W28
T 29	8 31 38	8♂23'15	20♂5	10♂47	23♂9	7♂11	17♂7	10♂16	23♂6	15♂29	0♂5	21♂46	20♂56	2♂6	18♂27	T 29
F 30	8 35 35	9♂24'18	3♂56	12♂28	24♂18	7♂49	17♂5	10♂18	23♂5	15♂30	0♂4	21♂41	20♂53	2♂12	18♂27	F 30
S 31	8 39 31	10♂25'19	17♂39	14♂10	25♂26	8♂27	17♂II 2	10♂820	23♂II 3	15♂31	0♂II 4	21♂832	20♂50	2♂19	18♂28	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	23s 0	23n20	1n26	23s19	0s 0	16s31	1s58	16s49	0n47	22n20	0s37	12n25	2s31	23n20	0n 7	14s41	1n40
F 2	22 55	25 52	2 37	23 28	0 7	16 7	1 56	17 0	0 46	22 19	0 37	12 25	2 30	23 20	0 7	14 41	1 41
S 3	22 50	26 41	3 37	23 36	0 14	15 43	1 55	17 10	0 46	22 19	0 37	12 25	2 30	23 20	0 7	14 42	1 41
S 4	22 44	25 47	4 23	23 43	0 21	15 18	1 54	17 20	0 45	22 19	0 37	12 25	2 30	23 20	0 7	14 42	1 41
M 5	22 38	23 22	4 53	23 48	0 28	14 52	1 52	17 31	0 45	22 18	0 36	12 25	2 30	23 20	0 7	14 42	1 41
T 6	22 31	19 45	5 6	23 53	0 35	14 26	1 50	17 41	0 44	22 18	0 36	12 25	2 29	23 20	0 7	14 43	1 41
W 7	22 24	15 16	5 3	23 56	0 41	14 0	1 49	17 51	0 44	22 18	0 36	12 25	2 29	23 20	0 7	14 43	1 41
T 8	22 17	10 16	4 45	23 58	0 48	13 34	1 47	18 0	0 44	22 17	0 36	12 25	2 29	23 19	0 7	14 43	1 41
F 9	22 9	4 58	4 14	23 59	0 54	13 7	1 45	18 10	0 43	22 17	0 36	12 25	2 28	23 19	0 7	14 44	1 41
S 10	22 1	0s25	3 33	23 58	1 0	12 40	1 43	18 19	0 43	22 17	0 35	12 25	2 28	23 19	0 7	14 44	1 41
S 11	21 52	5 43	2 43	23 56	1 6	12 13	1 40	18 29	0 42	22 16	0 35	12 26	2 28	23 19	0 7	14 44	1 41
M12	21 43	10 48	1 46	23 53	1 11	11 45	1 38	18 38	0 42	22 16	0 35	12 26	2 28	23 19	0 7	14 44	1 41
T 13	21 33	15 31	0 45	23 49	1 17	11 17	1 36	18 47	0 41	22 16	0 35	12 26	2 27	23 19	0 7	14 45	1 41
W14	21 23	19 41	0s19	23 43	1 22	10 49	1 33	18 56	0 41	22 15	0 35	12 26	2 27	23 19	0 7	14 45	1 41
T 15	21 13	24 4	1 23	23 35	1 27	10 20	1 31	19 5	0 40	22 15	0 34	12 27	2 27	23 19	0 7	14 45	1 41
F 16	21 2	25 28	2 24	23 27	1 31	9 52	1 28	19 14	0 40	22 15	0 34	12 27	2 26	23 19	0 7	14 45	1 41
S 17	20 51	26 38	3 20	23 17	1 36	9 23	1 25	19 22	0 39	22 15	0 34	12 28	2 26	23 19	0 7	14 46	1 41
S 18	20 39	26 21	4 6	23 6	1 40	8 54	1 22	19 31	0 39	22 14	0 34	12 28	2 26	23 19	0 7	14 46	1 41
M19	20 27	24 35	4 40	22 53	1 44	8 24	1 19	19 39	0 38	22 14	0 34	12 29	2 25	23 18	0 7	14 46	1 41
T 20	20 15	21 23	4 59	22 39	1 48	7 55	1 16	19 47	0 38	22 14	0 33	12 29	2 25	23 18	0 7	14 46	1 41
W21	20 2	16 56	5 1	22 24	1 51	7 25	1 13	19 55	0 37	22 14	0 33	12 30	2 25	23 18	0 7	14 47	1 42
T 22	19 49	11 33	4 45	22 7	1 54	6 55	1 10	20 3	0 36	22 14	0 33	12 30	2 25	23 18	0 7	14 47	1 42
F 23	19 35	5 32	4 12	21 49	1 57	6 25	1 6	20 11	0 36	22 14	0 33	12 31	2 24	23 18	0 7	14 47	1 42
S 24	19 21	0n48	3 23	21 29	1 59	5 55	1 3	20 19	0 35	22 13	0 32	12 32	2 24	23 18	0 7	14 47	1 42
S 25	19 7	7 5	2 22	21 8	2 1	5 25	0 59	20 26	0 35	22 13	0 32	12 32	2 24	23 18	0 7	14 47	1 42
M26	18 52	13 2	1 12	20 45	2 3	4 54	0 55	20 33	0 34	22 13	0 32	12 33	2 23	23 18	0 7	14 47	1 42
T 27	18 37	18 17	0n 2	20 22	2 4	4 24	0 51	20 41	0 34	22 13	0 32	12 34	2 23	23 18	0 7	14 48	1 42
W28	18 22	22 30	1 15	19 56	2 5	3 53	0 47	20 48	0 33	22 13	0 32	12 35	2 23	23 18	0 7	14 48	1 42
T 29	18 6	25 23	2 24	19 30	2 6	3 22	0 43	20 54	0 32	22 13	0 31	12 36	2 23	23 18	0 7	14 48	1 42
F 30	17 50	26 41	3 23	19 2	2 6	2 52	0 39	21 1	0 32	22 13	0 31	12 36	2 22	23 18	0 7	14 48	1 42
S 31	17s34	26n20	4n10	18s32	2s 6	2s21	0s35	21s 8	0n31	22n13	0s31	12n37	2s22	23n17	0n 7	14s48	1n42

Julian Day Number = 2677264.5, Delta T = 21m23s  
 Ecliptic obliquity = 23°21'37", Nutation = - 0°00'13  
 Ayanamsha: Fagan/Bradley = 33°23'04", Lahiri = 32°30'04"

## ASTRODIENST EPHEMERIS for the year 2618

FEBRUARY 2618

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 43 28	11°26'20"	1°11'	15°52'	26°34'	9°42'	17°R 0	10°22'	23°R 2	15°31'	0°R 4	21°R21	20°47'	2°25'	18°28'	S 1
M 2	8 47 25	12°27'20"	14°30'	17°35'	27°42'	9°42'	16°II 58	10°24'	23°II 0	15°32'	0°II 4	21°B 8	20°44'	2°32'	18°28'	M 2
T 3	8 51 21	13°28'20"	27°34'	19°19'	28°49'	10°19'	16°57'	10°27'	22°59'	15°32'	0° 3	20°54'	20°40'	2°39'	18°28'	T 3
W 4	8 55 18	14°29'18"	10°17'20"	21° 2'	29°56'	10°57'	16°55'	10°29'	22°58'	15°32'	0° 3	20°41'	20°37'	2°45'	18°29'	W 4
T 5	8 59 14	15°30'17"	22°50'	22°46'	1°Y 3	11°34'	16°54'	10°32'	22°56'	15°33'	0° 3	20°30'	20°34'	2°52'	18°29'	T 5
F 6	9 3 11	16°31'14"	5°42'	24°31'	2°10'	12°11'	16°53'	10°34'	22°55'	15°33'	0° 3	20°22'	20°31'	2°59'	18°30'	F 6
S 7	9 7 7	17°32'11"	17° 5'	26°15'	3°17'	12°49'	16°52'	10°37'	22°54'	15°33'	0° 3	20°16'	20°28'	3° 5'	18°30'	S 7
S 8	9 11 4	18°33'07"	28°57'	28° 0'	4°23'	13°26'	16°51'	10°40'	22°53'	15°34'	0° 2	20°13'	20°25'	3°12'	18°31'	S 8
M 9	9 15 0	19°34'02"	10°14'44"	29°45'	5°29'	14° 4'	16°51'	10°43'	22°52'	15°34'	0° 2	20°12'	20°21'	3°19'	18°32'	M 9
T 10	9 18 57	20°34'57"	22°33'	1°X 30	6°35'	14°41'	16°51'	10°46'	22°51'	15°34'	0° 2	20°12'	20°18'	3°25'	18°32'	T 10
W 11	9 22 53	21°35'52"	4°27'29"	3°14'	7°41'	15°18'	16°D 51	10°49'	22°50'	15°34'	0° 2	20°11'	20°15'	3°32'	18°33'	W 11
T 12	9 26 50	22°36'45"	16°37'	4°58'	8°46'	15°56'	16°51'	10°53'	22°49'	15°35'	0° 2	20°10'	20°12'	3°39'	18°34'	T 12
F 13	9 30 47	23°37'38"	29° 2'	6°41'	9°51'	16°33'	16°51'	10°56'	22°48'	15°35'	0°D 2	20° 6'	20° 9'	3°45'	18°35'	F 13
S 14	9 34 43	24°38'30"	11°34'49"	8°23'	10°56'	17°10'	16°52'	10°59'	22°47'	15°35'	0° 2	19°59'	20° 6'	3°52'	18°36'	S 14
S 15	9 38 40	25°39'21"	25° 0'	10° 4'	12° 0'	17°48'	16°53'	11° 3'	22°46'	15°35'	0° 2	19°50'	20° 2'	3°59'	18°37'	S 15
M 16	9 42 36	26°40'11"	8°33'35"	11°43'	13° 5'	18°25'	16°54'	11° 7'	22°45'	15°R 35	0° 2	19°38'	19°59'	4° 5'	18°38'	M 16
T 17	9 46 33	27°41'01"	22°32'	13°20'	14° 9'	19° 2'	16°55'	11°10'	22°45'	15°35'	0° 2	19°26'	19°56'	4°12'	18°39'	T 17
W 18	9 50 29	28°41'48"	6°X 48	14°55'	15°12'	19°39'	16°56'	11°14'	22°44'	15°35'	0° 2	19°13'	19°53'	4°19'	18°40'	W 18
T 19	9 54 26	29°42'35"	21°15'	16°26'	16°15'	20°17'	16°58'	11°18'	22°43'	15°35'	0° 3	19° 2'	19°50'	4°25'	18°42'	T 19
F 20	9 58 22	0°X 43'20"	5°Y 48	17°53'	17°18'	20°54'	17° 0'	11°22'	22°43'	15°35'	0° 3	18°54'	19°46'	4°32'	18°43'	F 20
S 21	10 2 19	1°44'04"	20°19'	19°17'	18°21'	21°31'	17° 2'	11°26'	22°42'	15°34'	0° 3	18°49'	19°43'	4°38'	18°44'	S 21
S 22	10 6 16	2°44'46"	4°B 44	20°35'	19°23'	22° 8'	17° 4'	11°30'	22°42'	15°34'	0° 3	18°46'	19°40'	4°45'	18°46'	S 22
M 23	10 10 12	3°45'27"	18°59'	21°47'	20°25'	22°45'	17° 6'	11°35'	22°42'	15°34'	0° 3	18°D 45	19°37'	4°52'	18°47'	M 23
T 24	10 14 9	4°46'06"	3°II 3	22°53'	21°26'	23°22'	17° 9'	11°39'	22°41'	15°34'	0° 3	18°R 46	19°34'	4°58'	18°49'	T 24
W 25	10 18 5	5°46'43"	16°55'	23°52'	22°27'	23°59'	17°11'	11°44'	22°41'	15°33'	0° 4	18°45'	19°31'	5° 5'	18°50'	W 25
T 26	10 22 2	6°47'19"	0°B 36	24°43'	23°28'	24°36'	17°14'	11°48'	22°41'	15°33'	0° 4	18°43'	19°27'	5°12'	18°52'	T 26
F 27	10 25 58	7°47'53"	14° 6'	25°25'	24°28'	25°13'	17°18'	11°53'	22°41'	15°33'	0° 4	18°38'	19°24'	5°18'	18°54'	F 27
S 28	10 29 55	8°X 48'25"	27°B 24	25°X 58	25°Y 28	25°X 50	17°II 21	11°B 57	22°II 41	15°B 32	0°II 5	18°B 30	19°B 21	5°II 25	18°B 56	S 28

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	17s18	24n25	4n42	18s 1	2s 5	1s50	0s31	21s14	0n31	22n13	0s31	12n38	2s22	23n17	0n 7	14s48
M 2	17 1 21 11	4 58	17 29	2 4	1 19	0 26	21 20	0 30	22 13	0 31	12 39	2 21	23 17	0 7	14 48	1 42
T 3	16 43 16 56	4 58	16 55	2 3	0 48	0 22	21 26	0 29	22 13	0 30	12 40	2 21	23 17	0 7	14 48	1 42
W 4	16 26 12 2	4 43	16 20	2 1	0 17	0 17	21 32	0 29	22 13	0 30	12 41	2 21	23 17	0 7	14 48	1 42
T 5	16 8 6 44	4 14	15 44	1 58	0n14	0 12	21 38	0 28	22 13	0 30	12 42	2 21	23 17	0 7	14 48	1 42
F 6	16 50 1 17	3 35	15 7	1 55	0 45	0 8	21 44	0 27	22 13	0 30	12 43	2 20	23 17	0 7	14 48	1 42
S 7	15 32 4s 8	2 46	14 28	1 51	1 16	0 3	21 49	0 27	22 14	0 29	12 45	2 20	23 17	0 7	14 49	1 43
S 8	15 13 9 21	1 50	13 48	1 47	1 46	0n 2	21 54	0 26	22 14	0 29	12 46	2 20	23 17	0 7	14 49	1 43
M 9	14 54 14 12	0 50	13 6	1 42	2 17	0 7	22 0	0 25	22 14	0 29	12 47	2 19	23 17	0 7	14 49	1 43
T 10	14 35 18 33	0s12	12 24	1 36	2 48	0 12	22 5	0 25	22 14	0 29	12 48	2 19	23 17	0 7	14 49	1 43
W 11	14 16 22 12	1 15	11 41	1 30	3 18	0 18	22 10	0 24	22 14	0 29	12 49	2 19	23 17	0 7	14 49	1 43
T 12	13 56 24 56	2 15	10 57	1 23	3 49	0 23	22 14	0 23	22 14	0 28	12 51	2 19	23 17	0 7	14 49	1 43
F 13	13 36 26 31	3 10	10 11	1 15	4 20	0 28	22 19	0 22	22 15	0 28	12 52	2 18	23 17	0 7	14 49	1 43
S 14	13 16 26 46	3 57	9 26	1 7	4 50	0 34	22 23	0 22	22 15	0 28	12 53	2 18	23 17	0 7	14 49	1 43
S 15	12 56 25 32	4 33	8 39	0 57	5 20	0 39	22 27	0 21	22 15	0 28	12 54	2 18	23 17	0 7	14 48	1 43
M 16	12 35 22 48	4 55	7 53	0 48	5 50	0 45	22 31	0 20	22 16	0 28	12 56	2 18	23 17	0 7	14 48	1 43
T 17	12 14 18 41	5 0	7 6	0 37	6 20	0 51	22 35	0 19	22 16	0 27	12 57	2 17	23 17	0 7	14 48	1 43
W 18	11 53 13 25	4 47	6 19	0 26	6 50	0 56	22 39	0 19	22 16	0 27	12 59	2 17	23 17	0 7	14 48	1 43
T 19	11 32 7 22	4 15	5 33	0 14	7 20	1 2	22 43	0 18	22 17	0 27	13 0	2 17	23 17	0 7	14 48	1 43
F 20	11 11 0 52	3 26	4 47	0 1	7 49	1 8	22 46	0 17	22 17	0 27	13 2	2 17	23 16	0 7	14 48	1 43
S 21	10 49 5n41	2 24	4 2	0n13	8 19	1 14	22 49	0 16	22 17	0 27	13 3	2 16	23 16	0 7	14 48	1 43
S 22	10 28 11 54	1 14	3 19	0 27	8 48	1 20	22 52	0 15	22 18	0 26	13 5	2 16	23 16	0 7	14 48	1 43
M 23	10 6 17 26	0n 1	2 37	0 41	9 17	1 26	22 55	0 15	22 18	0 26	13 6	2 16	23 16	0 7	14 48	1 43
T 24	9 44 21 56	1 15	1 57	0 56	9 46	1 32	22 58	0 14	22 19	0 26	13 8	2 16	23 16	0 7	14 48	1 44
W 25	9 22 25 6	2 23	1 20	1 11	10 14	1 39	23 1	0 13	22 19	0 26	13 9	2 15	23 16	0 7	14 47	1 44
T 26	8 59 26 44	3 23	0 46	1 27	10 43	1 45	23 3	0 12	22 20	0 26	13 11	2 15	23 16	0 7	14 47	1 44
F 27	8 37 26 45	4 10	0 15	1 42	11 11	1 51	23 5	0 11	22 20	0 25	13 13	2 15	23 16	0 7	14 47	1 44
S 28	8s14	25n13	4n42	0n12	1n58	1n38	1n58	23s 7	0n10	22n21	0s25	13n14	2s15	23n16	0n 7	14s47

Julian Day Number = 2677295.5, Delta T = 21m24s

Ecliptic obliquity = 23°21'38", Nutation = - 0°00'12"

Ayanamsha: Fagan/Bradley = 33°23'08", Lahiri = 32°30'08"

## ASTRODIENST EPHEMERIS for the year 2618

MARCH 2618

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 33 51	9♂48°56	10♂32	26♂22	26♂27	26♂26	17♂25	12♂2	22°R41	15°R32	0♂5	18°R20	19♂18	5♂32	18♂57	S 1
M 2	10 37 48	10°49'25	23°28	26°35	27°26	27° 3	17°28	12° 7	22°D41	15♂31	0° 5	18♂9	19°15	5°38	18°59	M 2
T 3	10 41 45	11°49'52	6♂12	26°R39	28°24	27°40	17°32	12°12	22♂41	15°31	0° 6	17°56	19°12	5°45	19° 1	T 3
W 4	10 45 41	12°50'18	18°43	26°32	29°22	28°17	17°36	12°17	22°41	15°30	0° 6	17°44	19° 8	5°52	19° 3	W 4
T 5	10 49 38	13°50'42	1♂2	26°15	0♂19	28°54	17°41	12°22	22°41	15°30	0° 6	17°34	19° 5	5°58	19° 5	T 5
F 6	10 53 34	14°51'04	13° 9	25°49	1°16	29°30	17°45	12°27	22°41	15°29	0° 7	17°26	19° 2	6° 5	19° 7	F 6
S 7	10 57 31	15°51'25	25° 6	25°14	2°12	0♂7	17°50	12°33	22°41	15°29	0° 7	17°21	18°59	6°12	19° 9	S 7
S 8	11 1 27	16°51'45	6♂56	24°31	3° 7	0°44	17°54	12°38	22°42	15°28	0° 8	17°18	18°56	6°18	19°12	S 8
M 9	11 5 24	17°52'03	18°43	23°41	4° 2	1°20	17°59	12°43	22°42	15°27	0° 8	17°D18	18°52	6°25	19°14	M 9
T 10	11 9 20	18°52'20	0♂31	22°45	4°56	1°57	18° 5	12°49	22°42	15°27	0° 9	17°18	18°49	6°32	19°16	T 10
W 11	11 13 17	19°52'35	12°26	21°46	5°50	2°33	18°10	12°54	22°43	15°26	0° 9	17°19	18°46	6°38	19°18	W 11
T 12	11 17 14	20°52'49	24°32	20°44	6°43	3°10	18°15	13° 0	22°43	15°25	0°10	17°R19	18°43	6°45	19°21	T 12
F 13	11 21 10	21°53'02	6♂55	19°41	7°35	3°46	18°21	13° 6	22°44	15°24	0°11	17°18	18°40	6°51	19°23	F 13
S 14	11 25 7	22°53'13	19°41	18°38	8°27	4°22	18°27	13°11	22°45	15°24	0°11	17°15	18°37	6°58	19°26	S 14
S 15	11 29 3	23°53'22	2♂52	17°38	9°17	4°59	18°33	13°17	22°45	15°23	0°12	17° 9	18°33	7° 5	19°28	S 15
M 16	11 33 0	24°53'30	16°30	16°40	10° 7	5°35	18°39	13°23	22°46	15°22	0°12	17° 2	18°30	7°11	19°31	M 16
T 17	11 36 56	25°53'36	0♂36	15°47	10°57	6°11	18°46	13°29	22°47	15°21	0°13	16°53	18°27	7°18	19°33	T 17
W 18	11 40 53	26°53'41	15° 5	14°58	11°45	6°48	18°52	13°35	22°48	15°20	0°14	16°45	18°24	7°25	19°36	W 18
T 19	11 44 49	27°53'44	29°51	14°16	12°32	7°24	18°59	13°41	22°49	15°19	0°14	16°38	18°21	7°31	19°39	T 19
F 20	11 48 46	28°53'44	14♂47	13°39	13°19	8° 0	19° 5	13°47	22°49	15°18	0°15	16°32	18°18	7°38	19°41	F 20
S 21	11 52 43	29°53'43	29°44	13° 9	14° 5	8°36	19°12	13°53	22°50	15°17	0°16	16°29	18°14	7°45	19°44	S 21
S 22	11 56 39	0♂53'40	14♂32	12°46	14°49	9°12	19°20	14° 0	22°52	15°16	0°17	16°D28	18°11	7°51	19°47	S 22
M 23	12 0 36	1°53'35	29° 8	12°29	15°33	9°48	19°27	14° 6	22°53	15°15	0°17	16°28	18° 8	7°58	19°50	M 23
T 24	12 4 32	2°53'28	13♂25	12°19	16°16	10°24	19°34	14°12	22°54	15°14	0°18	16°29	18° 5	8° 5	19°53	T 24
W 25	12 8 29	3°53'18	27°24	12°D15	16°57	10°59	19°42	14°19	22°55	15°13	0°19	16°R30	18° 2	8°11	19°56	W 25
T 26	12 12 25	4°53'07	11♂3	12°17	17°37	11°35	19°49	14°25	22°56	15°12	0°20	16°30	17°58	8°18	19°59	T 26
F 27	12 16 22	5°52'53	24°25	12°25	18°17	12°11	19°57	14°32	22°58	15°11	0°21	16°29	17°55	8°25	20° 2	F 27
S 28	12 20 18	6°52'36	7♂29	12°38	18°55	12°46	20° 5	14°38	22°59	15° 9	0°22	16°25	17°52	8°31	20° 5	S 28
S 29	12 24 15	7°52'18	20°19	12°57	19°31	13°22	20°13	14°45	23° 0	15° 8	0°22	16°20	17°49	8°38	20° 8	S 29
M 30	12 28 12	8°51'57	2♂56	13°21	20° 6	13°57	20°22	14°51	23° 2	15° 7	0°23	16°14	17°46	8°44	20°11	M 30
T 31	12 32 8	9♂51'34	15♂22	13♂50	20♂40	14♂33	20♂30	14♂58	23♂3	15♂6	0♂24	16♂7	17♂43	8♂51	20♂14	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	7s52	22n20	4n59	0n36	2n13	12n 6	2n 4	23s 9	0n 9	22n21	0s25	13n16	2s14	23n16	0n 7	14s47
M 2	7 29	18 23	5 1	0 54	2 28	12 33	2 11	23 11	0 8	22 22	0 25	13 18	2 14	23 16	0 7	14 47
T 3	7 6	13 39	4 47	1 9	2 42	13 0	2 17	23 13	0 8	22 22	0 25	13 19	2 14	23 16	0 7	14 46
W 4	6 43	8 26	4 20	1 18	2 55	13 27	2 24	23 14	0 7	22 23	0 24	13 21	2 14	23 16	0 7	14 46
T 5	6 20	2 58	3 41	1 22	3 6	13 53	2 30	23 16	0 6	22 23	0 24	13 23	2 13	23 16	0 7	14 46
F 6	5 57	2s32	2 52	1 21	3 17	14 19	2 37	23 17	0 5	22 24	0 24	13 25	2 13	23 16	0 7	14 46
S 7	5 34	7 53	1 56	1 15	3 25	14 45	2 43	23 18	0 4	22 25	0 24	13 26	2 13	23 16	0 7	14 46
S 8	5 10	12 55	0 55	1 4	3 32	15 11	2 50	23 19	0 3	22 25	0 24	13 28	2 13	23 16	0 7	14 45
M 9	4 47	17 27	0s 8	0 49	3 37	15 36	2 57	23 20	0 2	22 26	0 23	13 30	2 13	23 16	0 7	14 45
T 10	4 23	21 20	1 10	0 30	3 39	16 0	3 4	23 20	0 1	22 27	0 23	13 32	2 12	23 17	0 7	14 45
W 11	4 0	24 22	2 11	0 7	3 40	16 25	3 10	23 20	0s 0	22 27	0 23	13 34	2 12	23 17	0 7	14 45
T 12	3 36	26 21	3 6	0s19	3 38	16 49	3 17	23 21	0 1	22 28	0 23	13 36	2 12	23 17	0 7	14 44
F 13	3 13	27 5	3 54	0 47	3 34	17 12	3 24	23 21	0 2	22 29	0 23	13 37	2 12	23 17	0 7	14 44
S 14	2 49	26 25	4 32	1 17	3 28	17 36	3 31	23 21	0 3	22 29	0 22	13 39	2 11	23 17	0 7	14 44
S 15	2 25	24 17	4 57	1 48	3 21	17 58	3 37	23 21	0 5	22 30	0 22	13 41	2 11	23 17	0 7	14 44
M 16	2 1	20 43	5 7	2 18	3 11	18 21	3 44	23 20	0 6	22 31	0 22	13 43	2 11	23 17	0 7	14 43
T 17	1 38	15 52	4 58	2 49	3 0	18 43	3 51	23 20	0 7	22 31	0 22	13 45	2 11	23 17	0 7	14 43
W 18	1 14	10 1	4 31	3 19	2 48	19 5	3 58	23 19	0 8	22 32	0 22	13 47	2 11	23 17	0 7	14 43
T 19	0 50	3 29	3 44	3 47	2 35	19 26	4 4	23 18	0 9	22 33	0 22	13 49	2 10	23 17	0 7	14 42
F 20	0 26	3n19	2 42	4 14	2 22	19 46	4 11	23 17	0 10	22 34	0 21	13 51	2 10	23 17	0 7	14 42
S 21	0 2	9 57	1 29	4 38	2 7	20 7	4 18	23 16	0 11	22 34	0 21	13 53	2 10	23 17	0 7	14 42
S 22	0n21	15 59	0 10	5 1	1 53	20 27	4 25	23 15	0 13	22 35	0 21	13 55	2 10	23 17	0 7	14 41
M 23	0 45	21 0	1n 8	5 21	1 38	20 46	4 31	23 14	0 14	22 36	0 21	13 57	2 10	23 17	0 7	14 41
T 24	1 9	24 40	2 21	5 58	1 23	21 5	4 38	23 12	0 15	22 36	0 21	13 59	2 10	23 17	0 7	14 41
W 25	1 32	26 44	3 24	5 33	1 9	21 23	4 44	23 11	0 16	22 37	0 21	14 1	2 9	23 17	0 7	14 40
T 26	1 56	27 6	4 13	6 6	0 54	21 41	4 51	23 9	0 17	22 38	0 20	14 3	2 9	23 17	0 7	14 40
F 27	2 20	25 53	4 48	6 16	0 40	21 58	4 57	23 7	0 19	22 39	0 20	14 5	2 9	23 17	0 7	14 39
S 28	2 43	23 16	5 7	6 24	0 26	22 15	5 4	23 5	0 20	22 39	0 20	14 7	2 9	23 17	0 7	14 39
S 29	3 7	19 33	5 10	6 29	0 13	22 31	5 10	23 3	0 21	22 40	0 20	14 9	2 9	23 18	0 7	14 39
M 30	3 30	15 1	4 57	6 32	0s 1	22 47	5 16	23 0	0 23	22 41	0 20	14 11	2 9	23 18	0 7	14 38
T 31	3n54	9n55	4n31	6s32	0s13	23n 2	5n22	22s58	0s24	22n42	0s20	14n14	2s 8	23n18	0n 7	14s38

Julian Day Number = 2677323.5, Delta T = 21m24s

Ecliptic obliquity = 23°21'39", Nutation = - 0°00'12

Ayanamsha: Fagan/Bradley = 33°23'12", Lahiri = 32°30'12

# ASTRODIENST EPHEMERIS for the year 2618

APRIL 2618

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 36 5	10°51'10	27°36	14°23	21°13	15°8	20°38	15°8	23°11	15°R 4	0°25	16°R 0	17°39	8°58	20°17	W 1
T 2	12 40 1	11°50'43	9°42	15° 0	21°44	15°43	20°47	15°12	23° 6	15°M 3	0°26	15°55	17°36	9° 4	20°20	T 2
F 3	12 43 58	12°50'14	21°40	15°42	22°13	16°19	20°56	15°18	23° 8	15° 2	0°27	15°51	17°33	9°11	20°24	F 3
S 4	12 47 54	13°49'43	3°32	16°27	22°41	16°54	21° 5	15°25	23°10	15° 0	0°28	15°49	17°30	9°18	20°27	S 4
S 5	12 51 51	14°49'10	15°20	17°15	23° 7	17°29	21°14	15°32	23°11	14°59	0°29	15°D48	17°27	9°24	20°30	S 5
M 6	12 55 47	15°48'35	27° 7	18° 7	23°31	18° 4	21°23	15°39	23°13	14°58	0°30	15°48	17°23	9°31	20°34	M 6
T 7	12 59 44	16°47'59	8°56	19° 2	23°54	18°39	21°32	15°46	23°15	14°56	0°31	15°50	17°20	9°38	20°37	T 7
W 8	13 3 40	17°47'21	20°52	20° 0	24°15	19°14	21°42	15°53	23°17	14°55	0°32	15°52	17°17	9°44	20°40	W 8
T 9	13 7 37	18°46'41	2°58	21° 0	24°33	19°49	21°51	16° 0	23°19	14°54	0°33	15°53	17°14	9°51	20°44	T 9
F 10	13 11 34	19°45'59	15°20	22° 4	24°50	20°23	22° 1	16° 7	23°21	14°52	0°34	15°R54	17°11	9°58	20°47	F 10
S 11	13 15 30	20°45'16	28° 2	23° 9	25° 5	20°58	22°10	16°15	23°23	14°51	0°35	15°54	17° 8	10° 4	20°51	S 11
S 12	13 19 27	21°44'30	11°8	24°18	25°18	21°33	22°20	16°22	23°25	14°49	0°36	15°53	17° 4	10°11	20°54	S 12
M13	13 23 23	22°43'44	24°40	25°28	25°28	22° 7	22°30	16°29	23°27	14°48	0°37	15°50	17° 1	10°17	20°58	M13
T 14	13 27 20	23°42'55	8°41	26°41	25°37	22°41	22°40	16°36	23°29	14°46	0°38	15°48	16°58	10°24	21° 1	T 14
W15	13 31 16	24°42'04	23° 8	27°55	25°43	23°16	22°50	16°43	23°31	14°45	0°40	15°45	16°55	10°31	21° 5	W15
T 16	13 35 13	25°41'12	7°57	29°12	25°47	23°50	23° 1	16°51	23°33	14°43	0°41	15°42	16°52	10°37	21° 8	T 16
F 17	13 39 9	26°40'18	23° 2	0°Y31	25°R48	24°24	23°11	16°58	23°36	14°42	0°42	15°40	16°49	10°44	21°12	F 17
S 18	13 43 6	27°39'21	8°12	1°51	25°47	24°58	23°21	17° 5	23°38	14°40	0°43	15°D39	16°45	10°51	21°16	S 18
S 19	13 47 3	28°38'23	23°19	3°14	25°44	25°32	23°32	17°13	23°40	14°39	0°44	15°39	16°42	10°57	21°19	S 19
M20	13 50 59	29°37'23	8°14	4°38	25°38	26° 5	23°43	17°20	23°43	14°37	0°45	15°40	16°39	11° 4	21°23	M20
T 21	13 54 56	0°36'20	22°51	6° 4	25°30	26°39	23°53	17°28	23°45	14°35	0°46	15°41	16°36	11°11	21°27	T 21
W22	13 58 52	1°35'16	7°54	7°32	25°19	27°12	24° 4	17°35	23°47	14°34	0°48	15°42	16°33	11°17	21°31	W22
T 23	14 2 49	2°34'09	20°52	9° 1	25° 6	27°46	24°15	17°43	23°50	14°32	0°49	15°43	16°29	11°24	21°34	T 23
F 24	14 6 45	3°33'00	4°16	10°32	24°51	28°19	24°26	17°50	23°52	14°31	0°50	15°R43	16°26	11°31	21°38	F 24
S 25	14 10 42	4°31'48	17°18	12° 5	24°32	28°52	24°37	17°58	23°55	14°29	0°51	15°43	16°23	11°37	21°42	S 25
S 26	14 14 39	5°30'34	0°10	13°39	24°12	29°25	24°49	18° 5	23°58	14°27	0°53	15°42	16°20	11°44	21°46	S 26
M27	14 18 35	6°29'18	12°26	15°15	23°49	29°58	25° 0	18°13	24° 0	14°26	0°54	15°41	16°17	11°51	21°49	M27
T 28	14 22 32	7°28'00	24°39	16°53	23°24	0°31	25°11	18°20	24° 3	14°24	0°55	15°40	16°14	11°57	21°53	T 28
W29	14 26 28	8°26'40	6°42	18°32	22°57	1° 4	25°23	18°28	24° 5	14°23	0°56	15°39	16°10	12° 4	21°57	W29
T 30	14 30 25	9°25'17	18°37	20°Y13	22°R28	1°36	25°34	18°35	24°11	14°21	0°58	15°38	16°8	12°10	22°R 1	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	4n17	4n31	3n53	6s31	0s25	23n17	5n28	22s55	0s25	22n43	0s19	14n16	2s 8	23n18	0n 7	14s38
T 2	4 40	1s 0	3 4	6 27	0 37	23 31	5 34	22 53	0 27	22 43	0 19	14 18	2 8	23 18	0 7	14 37
F 3	5 3	6 26	2 8	6 21	0 48	23 44	5 40	22 50	0 28	22 44	0 19	14 20	2 8	23 18	0 7	14 37
S 4	5 26	11 36	1 7	6 14	0 58	23 56	5 45	22 47	0 29	22 45	0 19	14 22	2 8	23 18	0 7	14 36
S 5	5 49	16 20	0 3	6 4	1 8	24 8	5 51	22 44	0 31	22 46	0 19	14 24	2 8	23 18	0 7	14 36
M 6	6 12	20 27	1s 2	5 53	1 18	24 20	5 56	22 41	0 32	22 46	0 19	14 26	2 8	23 18	0 7	14 35
T 7	6 35	23 45	2 4	5 39	1 27	24 30	6 1	22 37	0 34	22 47	0 18	14 28	2 7	23 18	0 7	14 35
W 8	6 57	26 3	3 1	5 24	1 35	24 40	6 6	22 34	0 35	22 48	0 18	14 30	2 7	23 18	0 7	14 35
T 9	7 20	27 11	3 51	5 8	1 43	24 50	6 10	22 31	0 37	22 49	0 18	14 33	2 7	23 19	0 7	14 34
F 10	7 42	26 59	4 31	4 50	1 50	24 58	6 15	22 27	0 38	22 49	0 18	14 35	2 7	23 19	0 7	14 34
S 11	8 5	25 23	5 0	4 30	1 57	25 6	6 19	22 23	0 40	22 50	0 18	14 37	2 7	23 19	0 7	14 33
S 12	8 27	22 24	5 14	4 9	2 3	25 13	6 23	22 19	0 41	22 51	0 18	14 39	2 7	23 19	0 7	14 33
M13	8 49	18 9	5 11	3 46	2 9	25 19	6 26	22 15	0 43	22 51	0 18	14 41	2 7	23 19	0 7	14 32
T 14	9 11	12 46	4 50	3 22	2 14	25 24	6 29	22 11	0 45	22 52	0 17	14 43	2 7	23 19	0 7	14 32
W15	9 32	6 33	4 11	2 57	2 19	25 28	6 32	22 7	0 46	22 53	0 17	14 45	2 6	23 19	0 7	14 31
T 16	9 54	0n11	3 13	2 30	2 23	25 31	6 34	22 3	0 48	22 53	0 17	14 48	2 6	23 19	0 7	14 31
F 17	10 15	7 2	2 2	2 2	2 26	25 33	6 36	21 59	0 49	22 54	0 17	14 50	2 6	23 19	0 7	14 30
S 18	10 36	13 33	0 41	1 33	2 29	25 35	6 38	21 54	0 51	22 55	0 17	14 52	2 6	23 20	0 7	14 30
S 19	10 57	19 14	0n42	1 3	2 32	25 35	6 39	21 50	0 53	22 55	0 17	14 54	2 6	23 20	0 7	14 30
M20	11 18	23 37	2 2	0 31	2 34	25 34	6 40	21 45	0 55	22 56	0 17	14 56	2 6	23 20	0 7	14 29
T 21	11 39	26 22	3 12	0n 1	2 35	25 32	6 40	21 41	0 56	22 57	0 16	14 58	2 6	23 20	0 7	14 29
W22	11 59	27 18	4 8	0 35	2 36	25 29	6 39	21 36	0 58	22 57	0 16	15 1	2 6	23 20	0 7	14 28
T 23	12 19	26 29	4 48	1 10	2 37	25 25	6 38	21 31	1 0	22 58	0 16	15 3	2 6	23 20	0 7	14 28
F 24	12 40	24 9	5 11	1 45	2 37	25 19	6 37	21 26	1 2	22 59	0 16	15 5	2 6	23 20	0 7	14 27
S 25	12 59	20 38	5 17	2 22	2 36	25 12	6 34	21 21	1 4	22 59	0 16	15 7	2 6	23 20	0 7	14 27
S 26	13 19	16 13	5 7	2 59	2 35	25 4	6 31	21 16	1 6	23 0	0 16	15 9	2 5	23 20	0 7	14 26
M27	13 38	11 14	4 43	3 38	2 33	24 55	6 28	21 11	1 7	23 0	0 16	15 11	2 5	23 21	0 7	14 26
T 28	13 57	5 54	4 7	4 17	2 31	24 44	6 23	21 6	1 9	23 1	0 16	15 13	2 5	23 21	0 7	14 25
W29	14 16	0 25	3 20	4 57	2 29	24 32	6 18	21 1	1 11	23 1	0 15	15 16	2 5	23 21	0 7	14 25
T 30	14n35	5s 3	2n24	5n38	2s26	24n19	6n12	20s56	1s13	23n 2	0s15	15n18	2s 5	23n21	0n 7	14s24

Julian Day Number = 2677354.5, Delta T = 21m24s  
 Ecliptic obliquity = 23°21'39", Nutation = - 0°00'13"  
 Ayanamsha: Fagan/Bradley = 33°23'16", Lahiri = 32°30'16"

## ASTRODIENST EPHEMERIS for the year 2618

MAY 2618

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14 34 21	10 <sup>8</sup> 23'53	0 <sup>M</sup> 28	21 <sup>Y</sup> 55	21 <sup>R</sup> 58	2 <sup>≈</sup> 9	25 <sup>II</sup> 46	18 <sup>8</sup> 43	24 <sup>II</sup> 11	14 <sup>R</sup> 19	0 <sup>II</sup> 59	15 <sup>R</sup> 37	16 <sup>8</sup> 4	12 <sup>M</sup> 17	22 <sup>8</sup> 5	F 1
S 2	14 38 18	11°22'27	12°16	23°40	21 <sup>8</sup> 25	2°41	25°57	18°51	24°14	14 <sup>M</sup> 18	1°0	15°D37	16°1	12°24	22°9	S 2
S 3	14 42 14	12°20'58	24°4	25°26	20°51	3°13	26°9	18°58	24°17	14°16	1°1	15 <sup>8</sup> 37	15°58	12°30	22°12	S 3
M 4	14 46 11	13°19'29	5 <sup>≈</sup> 54	27°13	20°16	3°45	26°21	19°6	24°19	14°14	1°3	15°37	15°55	12°37	22°16	M 4
T 5	14 50 7	14°17'57	17°48	29°2	19°40	4°17	26°33	19°13	24°22	14°13	1°4	15°37	15°51	12°44	22°20	T 5
W 6	14 54 4	15°16'24	29°49	0 <sup>8</sup> 53	19°3	4°48	26°45	19°21	24°25	14°11	1°5	15°R38	15°48	12°50	22°24	W 6
T 7	14 58 1	16°14'49	12 <sup>8</sup> 1	2°46	18°26	5°20	26°57	19°29	24°28	14°10	1°7	15°38	15°45	12°57	22°28	T 7
F 8	15 1 57	17°13'12	24°26	4°40	17°48	5°51	27°9	19°36	24°31	14°8	1°8	15°37	15°42	13°4	22°32	F 8
S 9	15 5 54	18°11'34	7 <sup>≈</sup> 8	6°36	17°10	6°22	27°21	19°44	24°34	14°6	1°9	15°37	15°39	13°10	22°36	S 9
S 10	15 9 50	19°9'54	20°10	8°34	16°33	6°53	27°33	19°52	24°37	14°5	1°11	15°D37	15°35	13°17	22°40	S 10
M11	15 13 47	20°8'13	3 <sup>≈</sup> 35	10°33	15°56	7°24	27°46	19°59	24°40	14°3	1°12	15°37	15°32	13°24	22°44	M11
T 12	15 17 43	21°6'31	17°25	12°34	15°19	7°55	27°58	20°7	24°43	14°1	1°13	15°38	15°29	13°30	22°47	T 12
W13	15 21 40	22°4'46	1 <sup>Y</sup> 40	14°36	14°44	8°25	28°11	20°15	24°46	14°0	1°15	15°38	15°26	13°37	22°51	W13
T 14	15 25 36	23°3'01	16°19	16°40	14°9	8°56	28°23	20°22	24°49	13°58	1°16	15°39	15°23	13°43	22°55	T 14
F 15	15 29 33	24°1'14	1 <sup>8</sup> 15	18°46	13°36	9°26	28°36	20°30	24°53	13°57	1°17	15°39	15°20	13°50	22°59	F 15
S 16	15 33 30	24°59'25	16°23	20°52	13°5	9°55	28°48	20°38	24°56	13°55	1°19	15°R40	15°16	13°57	23°3	S 16
S 17	15 37 26	25°57'35	1 <sup>II</sup> 33	23°0	12°35	10°25	29°1	20°45	24°59	13°53	1°20	15°39	15°13	14°3	23°7	S 17
M18	15 41 23	26°55'43	16°37	25°9	12°7	10°55	29°14	20°53	25°2	13°52	1°21	15°38	15°10	14°10	23°11	M18
T 19	15 45 19	27°53'50	1 <sup>8</sup> 25	27°19	11°41	11°24	29°26	21°0	25°5	13°50	1°23	15°37	15°7	14°17	23°15	T 19
W20	15 49 16	28°51'55	15°50	29°29	11°17	11°53	29°39	21°8	25°9	13°49	1°24	15°36	15°4	14°23	23°19	W20
T 21	15 53 12	29°49'58	29°50	1 <sup>II</sup> 40	10°55	12°21	29°52	21°16	25°12	13°47	1°25	15°34	15°1	14°30	23°23	T 21
F 22	15 57 9	0 <sup>II</sup> 47'59	13 <sup>8</sup> 22	3°51	10°36	12°50	0 <sup>8</sup> 5	21°23	25°15	13°45	1°27	15°33	14°57	14°37	23°27	F 22
S 23	16 1 6	1°45'58	26°28	6°1	10°19	13°18	0°18	21°31	25°18	13°44	1°28	15°D32	14°54	14°43	23°31	S 23
S 24	16 5 2	2°43'55	9 <sup>M</sup> 10	8°12	10°4	13°46	0°31	21°38	25°22	13°42	1°29	15°32	14°51	14°50	23°34	S 24
M25	16 8 59	3°41'50	21°33	10°21	9°51	14°14	0°44	21°46	25°25	13°41	1°31	15°33	14°58	14°57	23°38	M25
T 26	16 12 55	4°39'44	3 <sup>≈</sup> 41	12°30	9°41	14°41	0°57	21°53	25°29	13°39	1°32	15°34	14°45	15°3	23°42	T 26
W27	16 16 52	5°37'36	15°38	14°37	9°34	15°8	1°10	22°1	25°32	13°38	1°33	15°36	14°41	15°10	23°46	W27
T 28	16 20 48	6°35'26	27°28	16°43	9°29	15°35	1°23	22°8	25°35	13°36	1°35	15°37	14°38	15°16	23°50	T 28
F 29	16 24 45	7°33'15	9 <sup>M</sup> 15	18°46	9°26	16°2	1°36	22°16	25°39	13°35	1°36	15°38	14°35	15°23	23°54	F 29
S 30	16 28 41	8°31'03	21°2	20°48	9°D25	16°28	1°50	22°23	25°42	13°33	1°38	15°R38	14°32	15°30	23°58	S 30
S 31	16 32 38	9 <sup>II</sup> 28'49	2 <sup>≈</sup> 53	22 <sup>II</sup> 48	9 <sup>8</sup> 27	16 <sup>≈</sup> 55	2 <sup>8</sup> 3	22 <sup>8</sup> 31	25 <sup>II</sup> 46	13 <sup>M</sup> 32	1 <sup>II</sup> 39	15 <sup>8</sup> 37	14 <sup>8</sup> 29	15 <sup>M</sup> 36	24 <sup>8</sup> 1	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	14n53	10s18	1n23	6n19	2s22	24n 5	6n 6	20s50	1s15	23n 2	0s15	15n20	2s 5	23n21	0n 7	14s24	1n46	6n20	14s14	16n28	16n36	15s 9	15n46	2s32	15s12	15 47	2 32
S 2	15 12	15 10	0 19	7 1	2 18	23 49	5 58	20 45	1 17	23 3	0 15	15 22	2 5	23 21	0 7	14 23	1 46	6 20	14 14	16 28	16 35	15 12	15 47	2 32	15 47	2 32	
S 3	15 30	19 29	0s47	7 44	2 13	23 32	5 50	20 40	1 19	23 3	0 15	15 24	2 5	23 21	0 7	14 23	1 46	6 20	14 14	16 28	16 34	15 15	15 48	2 32	15 48	2 32	
M 4	15 47	23 2	1 50	8 27	2 8	23 14	5 41	20 34	1 21	23 4	0 15	15 26	2 5	23 21	0 7	14 22	1 46	6 21	14 14	16 28	16 33	15 17	15 49	2 33	15 49	2 33	
T 5	16 5	25 37	2 50	9 11	2 2	22 55	5 32	20 29	1 24	23 4	0 15	15 28	2 5	23 22	0 7	14 22	1 46	6 21	14 14	16 28	16 32	15 20	15 50	2 33	15 50	2 33	
W 6	16 22	27 3	3 42	9 56	1 56	22 35	5 22	20 23	1 26	23 5	0 14	15 30	2 5	23 22	0 7	14 21	1 46	6 22	14 14	16 28	16 31	15 23	15 51	2 33	15 51	2 33	
T 7	16 39	27 13	4 25	10 40	1 50	22 14	5 11	20 18	1 28	23 5	0 14	15 32	2 5	23 22	0 7	14 21	1 46	6 22	14 14	16 28	16 30	15 26	15 52	2 33	15 52	2 33	
F 8	16 55	26 1	4 56	11 25	1 43	21 52	5 0	20 12	1 30	23 6	0 14	15 34	2 5	23 22	0 7	14 20	1 46	6 22	14 14	16 28	16 29	15 29	15 53	2 33	15 53	2 33	
S 9	17 11	23 30	5 14	12 11	1 35	21 30	4 48	20 7	1 32	23 6	0 14	15 37	2 5	23 22	0 7	14 20	1 46	6 23	14 14	16 28	16 28	15 32	15 54	2 33	15 54	2 33	
S 10	17 27	19 43	5 17	12 56	1 27	21 7	4 35	20 1	1 35	23 6	0 14	15 39	2 5	23 22	0 7	14 19	1 46	6 23	14 13	16 28	16 27	15 35	15 55	2 33	15 55	2 33	
M11	17 43	14 51	5 2	13 41	1 19	20 44	4 22	19 55	1 37	23 7	0 14	15 41	2 5	23 22	0 7	14 19	1 46	6 23	14 13	16 28	16 26	15 37	15 56	2 33	15 56	2 33	
T 12	17 59	9 6	4 30	14 27	1 10	20 20	4 9	19 50	1 39	23 7	0 14	15 43	2 5	23 22	0 7	14 19	1 46	6 24	14 13	16 28	16 25	15 40	15 56	2 33	15 56	2 33	
W13	18 14	2 43	3 41	15 12	1 1	19 57	3 55	19 44	1 42	23 7	0 14	15 45	2 5	23 23	0 7	14 18	1 46	6 24	14 13	16 28	16 25	15 43	15 57	2 33	15 57	2 33	
T 14	18 28	3n59	2 36	15 57	0 51	19 33	3 41	19 38	1 44	23 8	0 14	15 47	2 5	23 23	0 7	14 18	1 46	6 24	14 13	16 28	16 24	15 46	15 58	2 33	15 58	2 33	
F 15	18 43	10 38	1 19	16 41	0 42	19 9	3 27	19 33	1 46	23 8	0 13	15 49	2 5	23 23	0 7	14 17	1 46	6 25	14 13	16 28	16 23	15 49	15 59	2 33	15 59	2 33	
S 16	18 57	16 45	0n 4	17 24	0 32	18 46	3 12	19 27	1 49	23 8	0 13	15 51	2 5	23 23	0 7	14 17	1 46	6 25	14 13	16 28	16 22	15 52	16 0	2 33	16 0	2 33	
S 17	19 11	21 50	1 27	18 7	0 21	18 23	2 58	19 21	1 51	23 8	0 13	15 53	2 4	23 23	0 7	14 16	1 46	6 25	14 13	16 28	16 21	15 54	16 1	2 33	16 1	2 33	
M18	19 24	25 24	2 43	18 49	0 11	18 1	2 43	19 16	1 54	23 8	0 13	15 55	2 4	23 23	0 7	14 16	1 46	6 25	14 13	16 28	16 20	15 57	16 2	2 33	16 2	2 33	
T 19	19 38	27 9	3 47	19 29	0 0	17 39	2 29	19 10	1 56	23 9	0 13	15 57	2 4	23 23	0 7	14 15	1 46	6 26	14 13	16 28	16 19	16 0	16 3	2 33	16 3	2 33	
W20	19 50	26 59	4 35	20 8	0n10	17 18	2 14	19 4	1 59	23 9	0 13	15 59	2 4	23 23	0 7	14 15	1 46	6 26	14 13	16 27	16 18	16 3	16 4	2 34	16 4	2 34	
T 21	20 3	25 5	5 5	20 46	0 21	16 57	2 0	18 59	2 2	23 9	0 13	16 1	2 4	23 24	0 7	14 14	1 46	6 26	14 13	16 27	16 17	16 6	16 5	2 34	16 5	2 34	
F 22	20 15	21 48	5 16	21 21	0 31	16 38	1 46	18 53	2 4	23 9	0 13	16 3	2 4	23 24	0 7	14 14	1 46	6 27	14 13	16 26	16 16	16 8	16 5	2 34	16 5	2 34	
S 23	20 27	17 31	5 11	21 55	0 41	16 19	1 32	18 48	2 7	23 9	0 12	16 5	2 4	23 24	0 7	14 13	1 46	6 27	14 13	16 26	16 15	16 11	16 6	2 34	16 6	2 34	
S 24	20 38	12 35	4 50	22 27	0 51	16 1	1 18	18 42	2 10	23 9	0 12	16 7	2 4	23 24	0 7	14 13	1 46	6 27	14 13	16 26	16 14	16 14	16 7	2 34	16 7	2 34	
M25	20 49	7 16	4 16	22 56	1 1	15 44	1 4	18 37	2 12	23 9	0 12	16 9	2 4	23 24	0 7	14 13	1 46	6 27	14 13	16 27	16 13	16 17	16 8	2 34	16 8	2 34	
T 26	21 0	1 47	3 32	23 23	1 10	15 29	0 51	18 32	2 15	23 9	0 12	16 10	2 4	23 24	0 7	14 12	1 46	6 28	14 13	16 27	16 12	16 20	16 9	2 34	16 9	2 34	
W27	21 10	3s42	2 38	23 47	1 19	15 14	0 38	18 26	2 18	23 9	0 12	16 12	2 4	23 24	0 7	14 12	1 46	6 28	14 13	16 27	16 12	16 22	16 10	2 34	16 10	2 34	
T 28	21 20	9 0	1 39	24 9	1 27	15 0	0 26	18 21	2 21	23 9	0 12	16 14	2 4	23 24	0 7	14 11	1 46	6 28	14 13	16 28	16 11	16 25	16 11	2 34	16 11	2 34	
F 29	21 30	13 58	0 35	24 28	1 35	14 48	0 13	18 16	2 24	23 9	0 12	16 16	2 5	23 25	0 7	14 11	1 46	6 28	14 13	16 28	16 10	16 28	16 11	2 34	16 11	2 34	
S 30	21 39	18 26	0s30	24 44	1 42	14 36	0 1	18 11	2 27	23 9	0 12	16 18	2 5	23 25	0 7	14 11	1 46	6 29	14 13	16 28	16 9	16 31	16 12	2 35	16 12	2 35	
S 31	21n48	22s12	1s34	24n58	1n48	14n26	0s10	18s 6	2s30	23n 9	0s12	16n20	2s 5	23n25	0n 7	14s10	1n46	6n29	14s13	16n28	16n 8	16s33	16n13	2s35	16n13	2s35	

## ASTRODIENST EPHEMERIS for the year 2618

JUNE 2618

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 36 35	10♂26°33	14♂49	24♂45	9♂31	17♂20	2♂16	22♂38	25♂49	13°R31	1♂40	15°R35	14♂26	15♂43	24♂5	M 1
T 2	16 40 31	11°24'17	26°52	26°40	9°38	17°46	2°30	22°46	25°52	13♂29	1°42	15♂31	14°22	15°50	24°9	T 2
W 3	16 44 28	12°21'59	9♂5	28°33	9°47	18°11	2°43	22°53	25°56	13°28	1°43	15°27	14°19	15°56	24°13	W 3
T 4	16 48 24	13°19'40	21°28	0♂22	9°57	18°36	2°56	23°0	25°59	13°26	1°44	15°23	14°16	16°3	24°17	T 4
F 5	16 52 21	14°17'20	4♂4	2°9	10°10	19°0	3°10	23°8	26°3	13°25	1°46	15°18	14°13	16°10	24°20	F 5
S 6	16 56 17	15°14'58	16°54	3°53	10°25	19°24	3°23	23°15	26°6	13°24	1°47	15°15	14°10	16°16	24°24	S 6
S 7	17 0 14	16°12'36	29°59	5°34	10°42	19°48	3°37	23°22	26°10	13°22	1°48	15°12	14°7	16°23	24°28	S 7
M 8	17 4 10	17°10'13	13♂22	7°12	11°1	20°12	3°50	23°30	26°13	13°21	1°50	15°D11	14°3	16°30	24°32	M 8
T 9	17 8 7	18°7'49	27°5	8°47	11°22	20°35	4°4	23°37	26°17	13°20	1°51	15°11	14°0	16°36	24°35	T 9
W10	17 12 4	19°5'24	11♂7	10°18	11°44	20°57	4°17	23°44	26°20	13°19	1°52	15°12	13°57	16°43	24°39	W10
T 11	17 16 0	20°2'59	25°29	11°47	12°8	21°20	4°31	23°51	26°24	13°17	1°53	15°14	13°54	16°50	24°43	T 11
F 12	17 19 57	21°0'33	10♂8	13°13	12°34	21°42	4°44	23°58	26°27	13°16	1°55	15°R15	13°51	16°56	24°46	F 12
S 13	17 23 53	21°58'06	24°59	14°36	13°1	22°3	4°58	24°5	26°31	13°15	1°56	15°15	13°47	17°3	24°50	S 13
S 14	17 27 50	22°55'38	9♂57	15°55	13°30	22°24	5°12	24°12	26°35	13°14	1°57	15°13	13°44	17°9	24°53	S 14
M15	17 31 46	23°53'09	24°53	17°11	14°0	22°45	5°25	24°19	26°38	13°13	1°59	15°9	13°41	17°16	24°57	M15
T 16	17 35 43	24°50'39	9♂38	18°24	14°32	23°5	5°39	24°26	26°42	13°11	2°0	15°4	13°38	17°23	25°0	T 16
W17	17 39 39	25°48'09	24°6	19°34	15°5	23°24	5°53	24°33	26°45	13°10	2°1	14°58	13°35	17°29	25°4	W17
T 18	17 43 36	26°45'37	8♂10	20°40	15°39	23°44	6°6	24°40	26°49	13°9	2°2	14°51	13°32	17°36	25°7	T 18
F 19	17 47 33	27°43'04	21°47	21°43	16°15	24°2	6°20	24°47	26°52	13°8	2°4	14°46	13°28	17°43	25°11	F 19
S 20	17 51 29	28°40'30	4♂58	22°42	16°52	24°21	6°34	24°54	26°56	13°7	2°5	14°42	13°25	17°49	25°14	S 20
S 21	17 55 26	29°37'55	17°43	23°38	17°30	24°38	6°48	25°1	26°59	13°6	2°6	14°39	13°22	17°56	25°18	S 21
M22	17 59 22	0♂35'19	0♂7	24°30	18°9	24°56	7°1	25°8	27°3	13°5	2°7	14°D38	13°19	18°3	25°21	M22
T 23	18 3 19	1°32'41	12°15	25°18	18°49	25°12	7°15	25°14	27°6	13°4	2°8	14°39	13°16	18°9	25°25	T 23
W24	18 7 15	2°30'03	24°10	26°2	19°30	25°28	7°29	25°21	27°10	13°3	2°10	14°40	13°13	18°16	25°28	W24
T 25	18 11 12	3°27'24	5♂59	26°42	20°12	25°44	7°43	25°27	27°13	13°2	2°11	14°41	13°9	18°23	25°31	T 25
F 26	18 15 8	4°24'44	17°46	27°19	20°56	25°59	7°56	25°34	27°17	13°1	2°12	14°R42	13°6	18°29	25°34	F 26
S 27	18 19 5	5°22'04	29°36	27°51	21°40	26°14	8°10	25°41	27°21	13°1	2°13	14°40	13°3	18°36	25°38	S 27
S 28	18 23 2	6°19'22	11♂31	28°18	22°24	26°28	8°24	25°47	27°24	13°0	2°14	14°37	13°0	18°42	25°41	S 28
M29	18 26 58	7°16'40	23°36	28°42	23°10	26°41	8°38	25°53	27°28	12°59	2°16	14°31	12°57	18°49	25°44	M29
T 30	18 30 55	8♂13'57	5♂52	29♂1	23♂57	26♂54	8♂51	26♂0	27♂31	12♂58	2♂17	14♂24	12♂53	18♂56	25♂47	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	21n56	25s 3	2s34	25n 9	1n54	14n17	0s22	18s 0	2s33	23n 9	0s12	16n22	2s 5	23n25	0n 7	14s10
T 2	22 4 26 47	3 28	25 18	1 58	14 8	0 32	17 56	2 36	23 9	0 11	16 23	2 5	23 25	0 7	14 9	1 46
W 3	22 12 27 15	4 13	25 24	2 3	14 1	0 43	17 51	2 39	23 9	0 11	16 25	2 5	23 25	0 7	14 9	1 46
T 4	22 19 26 22	4 46	25 27	2 6	13 55	0 53	17 46	2 42	23 9	0 11	16 27	2 5	23 25	0 7	14 9	1 46
F 5	22 26 24 9	5 7	25 29	2 8	13 50	1 3	17 41	2 45	23 8	0 11	16 29	2 5	23 25	0 7	14 8	1 46
S 6	22 33 20 41	5 13	25 28	2 10	13 46	1 12	17 37	2 48	23 8	0 11	16 31	2 5	23 26	0 7	14 8	1 45
S 7	22 39 16 10	5 3	25 25	2 11	13 42	1 21	17 32	2 51	23 8	0 11	16 32	2 5	23 26	0 7	14 7	1 45
M 8	22 45 10 46	4 36	25 21	2 11	13 40	1 29	17 28	2 55	23 8	0 11	16 34	2 5	23 26	0 7	14 7	1 45
T 9	22 50 4 44	3 53	25 14	2 10	13 39	1 38	17 24	2 58	23 7	0 11	16 36	2 5	23 26	0 7	14 7	1 45
W10	22 55 1n41	2 56	25 6	2 9	13 38	1 45	17 19	3 1	23 7	0 11	16 38	2 5	23 26	0 7	14 6	1 45
T 11	22 59 8 11	1 46	24 56	2 6	13 38	1 53	17 15	3 5	23 7	0 10	16 39	2 5	23 26	0 7	14 6	1 45
F 12	23 3 14 22	0 28	24 45	2 3	13 39	2 0	17 12	3 8	23 6	0 10	16 41	2 5	23 26	0 7	14 6	1 45
S 13	23 7 19 48	0n53	24 32	1 59	13 41	2 7	17 8	3 11	23 6	0 10	16 43	2 5	23 26	0 7	14 5	1 45
S 14	23 10 24 1	2 11	24 18	1 54	13 43	2 13	17 4	3 15	23 5	0 10	16 44	2 5	23 26	0 7	14 5	1 45
M15	23 13 26 34	3 19	24 3	1 49	13 46	2 19	17 1	3 18	23 5	0 10	16 46	2 5	23 26	0 7	14 5	1 45
T 16	23 16 27 13	4 13	23 47	1 42	13 50	2 25	16 58	3 22	23 4	0 10	16 48	2 5	23 27	0 7	14 4	1 45
W17	23 18 25 58	4 50	23 31	1 35	13 54	2 31	16 54	3 26	23 4	0 10	16 49	2 5	23 27	0 7	14 4	1 45
T 18	23 19 23 7	5 8	23 13	1 27	13 59	2 36	16 51	3 29	23 3	0 10	16 51	2 5	23 27	0 7	14 4	1 45
F 19	23 20 19 3	5 8	22 55	1 19	14 4	2 41	16 49	3 33	23 3	0 10	16 52	2 6	23 27	0 7	14 4	1 45
S 20	23 21 14 10	4 51	22 36	1 9	14 10	2 45	16 46	3 37	23 2	0 10	16 54	2 6	23 27	0 7	14 3	1 45
S 21	23 22 8 50	4 20	22 17	0 59	14 17	2 50	16 44	3 40	23 2	0 9	16 55	2 6	23 27	0 7	14 3	1 45
M22	23 22 3 17	3 38	21 57	0 49	14 24	2 54	16 41	3 44	23 1	0 9	16 57	2 6	23 27	0 7	14 3	1 45
T 23	23 21 2s16	2 46	21 37	0 37	14 31	2 58	16 39	3 48	23 1	0 9	16 58	2 6	23 27	0 7	14 3	1 45
W24	23 20 7 39	1 49	21 17	0 25	14 38	3 1	16 38	3 52	23 0	0 9	17 0	2 6	23 27	0 7	14 2	1 45
T 25	23 19 12 44	0 47	20 57	0 12	14 46	3 5	16 36	3 56	22 59	0 9	17 1	2 6	23 27	0 7	14 2	1 45
F 26	23 17 17 20	0s17	20 37	0s 1	14 55	3 8	16 34	4 0	22 58	0 9	17 3	2 6	23 27	0 7	14 2	1 45
S 27	23 15 21 18	1 20	20 17	0 15	15 3	3 10	16 33	4 4	22 58	0 9	17 4	2 6	23 28	0 7	14 2	1 45
S 28	23 13 24 23	2 19	19 57	0 29	15 12	3 13	16 32	4 8	22 57	0 9	17 6	2 6	23 28	0 7	14 1	1 45
M29	23 10 26 26	3 14	19 38	0 44	15 21	3 15	16 31	4 12	22 56	0 9	17 7	2 6	23 28	0 8	14 1	1 45
T 30	23n 6	27s13	4s 0	19n19	0s59	15n30	3s18	16s31	4s16	22n55	0s 9	17n 8	2s 7	23n28	0n 8	14s 1

Julian Day Number = 2677415.5, Delta T = 21m25s

Ecliptic obliquity = 23°21'38", Nutation = - 0°00'13"

Ayanamsha: Fagan/Bradley = 33°23'25", Lahiri = 32°30'25"

## ASTRODIENST EPHEMERIS for the year 2618

JULY 2618

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	18 34 51	9 <sup>00</sup> 11'14	18 <sup>30</sup> 19	29 <sup>00</sup> 15	24 <sup>00</sup> 44	27 <sup>00</sup> 6	9 <sup>00</sup> 5	26 <sup>00</sup> 6	27 <sup>00</sup> 35	12 <sup>00</sup> R57	2 <sup>00</sup> 18	14 <sup>00</sup> R15	12 <sup>00</sup> 50	19 <sup>00</sup> 12	25 <sup>00</sup> 50	W 1
T 2	18 38 48	10° 8'31	1 <sup>00</sup> 3	29°25	25°32	27°17	9°19	26°12	27°38	12 <sup>00</sup> M57	2°19	14 <sup>00</sup> 5	12°47	19° 9	25°53	T 2
F 3	18 42 44	11° 5'47	13°53	29°31	26°21	27°28	9°33	26°19	27°42	12°56	2°20	13°55	12°44	19°16	25°56	F 3
S 4	18 46 41	12° 3'02	26°59	29°R31	27°11	27°39	9°46	26°25	27°45	12°55	2°21	13°47	12°41	19°22	25°59	S 4
S 5	18 50 38	13° 0'18	10 <sup>00</sup> 17	29°28	28° 1	27°48	10° 0	26°31	27°48	12°55	2°22	13°41	12°38	19°29	26° 2	S 5
M 6	18 54 34	13°57'33	23°48	29°19	28°52	27°57	10°14	26°37	27°52	12°54	2°23	13°37	12°34	19°36	26° 5	M 6
T 7	18 58 31	14°54'48	7 <sup>00</sup> 31	29° 7	29°44	28° 5	10°28	26°43	27°55	12°53	2°24	13°35	12°31	19°42	26° 8	T 7
W 8	19 2 27	15°52'04	21°27	28°50	0 <sup>00</sup> 36	28°13	10°41	26°49	27°59	12°53	2°25	13°D35	12°28	19°49	26°11	W 8
T 9	19 6 24	16°49'19	5 <sup>00</sup> 36	28°29	1°29	28°20	10°55	26°55	28° 2	12°52	2°26	13°35	12°25	19°56	26°14	T 9
F 10	19 10 20	17°46'35	19°57	28° 5	2°22	28°26	11° 9	27° 0	28° 6	12°52	2°27	13°R36	12°22	20° 2	26°17	F 10
S 11	19 14 17	18°43'50	4 <sup>00</sup> 27	27°37	3°16	28°31	11°23	27° 6	28° 9	12°51	2°28	13°34	12°19	20° 9	26°19	S 11
S 12	19 18 13	19°41'06	19° 2	27° 7	4°11	28°36	11°36	27°12	28°12	12°51	2°29	13°30	12°15	20°16	26°22	S 12
M13	19 22 10	20°38'22	3 <sup>00</sup> 38	26°34	5° 5	28°40	11°50	27°17	28°16	12°51	2°30	13°23	12°12	20°22	26°25	M13
T 14	19 26 7	21°35'38	18° 7	25°59	6° 1	28°43	12° 4	27°23	28°19	12°50	2°31	13°15	12° 9	20°29	26°27	T 14
W15	19 30 3	22°32'54	2 <sup>00</sup> 23	25°23	6°57	28°45	12°17	27°28	28°22	12°50	2°32	13° 4	12° 6	20°35	26°30	W15
T 16	19 34 0	23°30'09	16°20	24°46	7°53	28°47	12°31	27°34	28°26	12°50	2°33	12°54	12° 3	20°42	26°33	T 16
F 17	19 37 56	24°27'25	29°54	24° 8	8°50	28°47	12°44	27°39	28°29	12°49	2°34	12°44	11°59	20°49	26°35	F 17
S 18	19 41 53	25°24'40	13 <sup>00</sup> 14	23°32	9°47	28°R47	12°58	27°44	28°32	12°49	2°35	12°35	11°56	20°55	26°37	S 18
S 19	19 45 49	26°21'55	25°50	22°56	10°45	28°47	13°12	27°50	28°35	12°49	2°36	12°29	11°53	21° 2	26°40	S 19
M20	19 49 46	27°19'10	8 <sup>00</sup> 15	22°22	11°43	28°45	13°25	27°55	28°39	12°49	2°37	12°26	11°50	21° 9	26°42	M20
T 21	19 53 42	28°16'25	20°22	21°51	12°41	28°43	13°39	28° 0	28°42	12°49	2°38	12°24	11°47	21°15	26°45	T 21
W22	19 57 39	29°13'40	2 <sup>00</sup> 18	21°22	13°40	28°40	13°52	28° 5	28°45	12°48	2°38	12°D24	11°44	21°22	26°47	W22
T 23	20 1 36	0 <sup>00</sup> 10'54	14° 8	20°57	14°39	28°36	14° 6	28°10	28°48	12°48	2°39	12°R24	11°40	21°29	26°49	T 23
F 24	20 5 32	1° 8'09	25°56	20°36	15°39	28°32	14°19	28°14	28°51	12°48	2°40	12°24	11°37	21°35	26°51	F 24
S 25	20 9 29	2° 5'24	7 <sup>00</sup> 49	20°19	16°38	28°27	14°32	28°19	28°54	12°D48	2°41	12°21	11°34	21°42	26°53	S 25
S 26	20 13 25	3° 2'38	19°49	20° 7	17°39	28°21	14°46	28°24	28°58	12°48	2°42	12°17	11°31	21°49	26°55	S 26
M27	20 17 22	3°59'53	2 <sup>00</sup> 3	19°59	18°39	28°14	14°59	28°28	29° 1	12°48	2°42	12° 9	11°28	21°55	26°57	M27
T 28	20 21 18	4°57'09	14°30	19°D57	19°40	28° 7	15°13	28°33	29° 4	12°48	2°43	11°59	11°25	22° 2	26°59	T 28
W29	20 25 15	5°54'24	27°14	20° 1	20°41	27°59	15°26	28°37	29° 7	12°49	2°44	11°48	11°21	22° 9	27° 1	W29
T 30	20 29 11	6°51'40	10 <sup>00</sup> 14	20°10	21°43	27°50	15°39	28°42	29°10	12°49	2°44	11°35	11°18	22°15	27° 3	T 30
F 31	20 33 8	7 <sup>00</sup> 48'56	23 <sup>00</sup> 29	20 <sup>00</sup> 25	22 <sup>00</sup> 44	27 <sup>00</sup> 40	15 <sup>00</sup> 52	28 <sup>00</sup> 46	29 <sup>00</sup> 13	12 <sup>00</sup> M49	2 <sup>00</sup> 45	11 <sup>00</sup> 23	11 <sup>00</sup> 15	22 <sup>00</sup> M22	27 <sup>00</sup> 5	F 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	23n 3	26s39	4s35	19n 1	1s15	15n40	3s19	16s30	4s20	22n55	0s 9	17n10	2s 7	23n28	0n 8	14s 1
T 2	22 58	24 42	4 57	18 43	1 31	15 50	3 21	16 30	4 24	22 54	0 8	17 11	2 7	23 28	0 8	14 1
F 3	22 54	21 28	5 5	18 26	1 47	15 59	3 23	16 30	4 28	22 53	0 8	17 12	2 7	23 28	0 8	14 1
S 4	22 49	17 8	4 57	18 10	2 3	16 9	3 24	16 30	4 32	22 52	0 8	17 14	2 7	23 28	0 8	14 0
S 5	22 44	11 54	4 33	17 55	2 20	16 19	3 25	16 31	4 36	22 51	0 8	17 15	2 7	23 28	0 8	14 0
M 6	22 38	6 2	3 54	17 41	2 36	16 29	3 26	16 32	4 40	22 50	0 8	17 16	2 7	23 28	0 8	14 0
T 7	22 32	0n13	3 0	17 28	2 52	16 40	3 27	16 33	4 45	22 49	0 8	17 18	2 7	23 28	0 8	14 0
W 8	22 25	6 33	1 55	17 16	3 7	16 50	3 27	16 34	4 49	22 48	0 8	17 19	2 7	23 28	0 8	14 0
T 9	22 18	12 41	0 43	17 5	3 23	17 0	3 28	16 36	4 53	22 47	0 8	17 20	2 8	23 28	0 8	14 0
F 10	22 11	18 13	0n34	16 56	3 37	17 10	3 28	16 37	4 57	22 46	0 8	17 21	2 8	23 28	0 8	14 0
S 11	22 3	22 45	1 49	16 48	3 51	17 20	3 28	16 39	5 1	22 45	0 8	17 22	2 8	23 28	0 8	14 0
S 12	21 55	25 51	2 57	16 41	4 3	17 30	3 28	16 42	5 5	22 44	0 7	17 23	2 8	23 29	0 8	14 0
M13	21 47	27 12	3 53	16 36	4 15	17 40	3 27	16 44	5 10	22 43	0 7	17 25	2 8	23 29	0 8	13 59
T 14	21 38	26 40	4 34	16 32	4 26	17 50	3 27	16 47	5 14	22 42	0 7	17 26	2 8	23 29	0 8	13 59
W15	21 29	24 23	4 57	16 29	4 35	18 0	3 26	16 50	5 18	22 41	0 7	17 27	2 8	23 29	0 8	13 59
T 16	21 19	20 41	5 2	16 28	4 42	18 10	3 26	16 53	5 22	22 39	0 7	17 28	2 9	23 29	0 8	13 59
F 17	21 9	15 59	4 49	16 29	4 49	18 20	3 25	16 57	5 26	22 38	0 7	17 29	2 9	23 29	0 8	13 59
S 18	20 59	10 39	4 21	16 30	4 53	18 29	3 24	17 1	5 30	22 37	0 7	17 30	2 9	23 29	0 8	13 59
S 19	20 49	5 2	3 41	16 33	4 56	18 38	3 23	17 5	5 34	22 36	0 7	17 31	2 9	23 29	0 8	13 59
M20	20 38	0s38	2 51	16 37	4 57	18 47	3 22	17 9	5 38	22 34	0 7	17 32	2 9	23 29	0 8	13 59
T 21	20 26	6 10	1 54	16 42	4 57	18 56	3 20	17 13	5 42	22 33	0 7	17 33	2 9	23 29	0 8	13 59
W22	20 15	11 24	0 53	16 48	4 55	19 5	3 19	17 18	5 46	22 32	0 7	17 34	2 9	23 29	0 8	13 59
T 23	20 3	16 10	0s 9	16 56	4 52	19 13	3 17	17 23	5 50	22 31	0 6	17 35	2 10	23 29	0 8	13 59
F 24	19 50	20 20	1 11	17 4	4 47	19 21	3 15	17 28	5 54	22 29	0 6	17 36	2 10	23 29	0 8	13 59
S 25	19 38	23 41	2 10	17 12	4 40	19 29	3 14	17 34	5 57	22 28	0 6	17 37	2 10	23 29	0 8	13 59
S 26	19 25	26 2	3 4	17 22	4 33	19 37	3 12	17 39	6 1	22 27	0 6	17 37	2 10	23 29	0 8	13 59
M27	19 12	27 11	3 51	17 32	4 24	19 44	3 10	17 45	6 5	22 25	0 6	17 38	2 10	23 29	0 8	14 0
T 28	18 58	27 0	4 27	17 42	4 14	19 51	3 7	17 50	6 8	22 24	0 6	17 39	2 10	23 29	0 8	14 0
W29	18 44	25 24	4 51	17 52	4 3	19 57	3 5	17 56	6 11	22 22	0 6	17 40	2 11	23 29	0 8	14 0
T 30	18 30	22 26	5 0	18 3	3 51	20 4	3 3	18 3	6 15	22 21	0 6	17 41	2 11	23 29	0 8	14 0
F 31	18n15	18s16	4s54	18n13	3s38	20n10	3s 0	18s 9	6s18	22n20	0s 6	17n41	2s11	23n29	0n 8	14s 0

Julian Day Number = 2677445.5, Delta T = 21m25s

Ecliptic obliquity = 23°21'38, Nutation = - 0°00'11

Ayanamsha: Fagan/Bradley = 33°23'29, Lahiri = 32°30'29

## ASTRODIENST EPHEMERIS for the year 2618

AUGUST 2618

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 37 5	8♂46'13	6♂57	20♂45	23♂46	27°R30	16♂5	28♂50	29♂16	12♂49	2♂46	11°R12	11♂12	22♂28	27♂7	S 1
S 2	20 41 1	9°43'30	20°37	21°11	24°49	27°20	16°19	28°54	29°18	12°49	2°46	11°8	11°9	22°35	27°9	S 2
M 3	20 44 58	10°40'48	4°Y24	21°43	25°51	27°8	16°32	28°58	29°21	12°50	2°47	10°58	11°5	22°42	27°10	M 3
T 4	20 48 54	11°38'07	18°19	22°21	26°54	26°57	16°45	29°2	29°24	12°50	2°48	10°55	11°2	22°48	27°12	T 4
W 5	20 52 51	12°35'26	2♂19	23°4	27°57	26°44	16°58	29°6	29°27	12°50	2°48	10°54	10°59	22°55	27°14	W 5
T 6	20 56 47	13°32'47	16°25	23°53	29°0	26°31	17°11	29°10	29°30	12°51	2°49	10°54	10°56	23°2	27°15	T 6
F 7	21 0 44	14°30'09	0♂34	24°48	0♂4	26°18	17°24	29°14	29°33	12°51	2°49	10°54	10°53	23°8	27°17	F 7
S 8	21 4 40	15°27'31	14°46	25°48	1°8	26°4	17°37	29°17	29°35	12°51	2°50	10°52	10°50	23°15	27°18	S 8
S 9	21 8 37	16°24'55	28°59	26°54	2°12	25°50	17°49	29°21	29°38	12°52	2°50	10°47	10°46	23°22	27°19	S 9
M10	21 12 34	17°22'20	13♂10	28°4	3°16	25°35	18°2	29°24	29°41	12°52	2°51	10°40	10°43	23°28	27°21	M10
T 11	21 16 30	18°19'46	27°15	29°21	4°21	25°20	18°15	29°28	29°43	12°53	2°51	10°30	10°40	23°35	27°22	T 11
W12	21 20 27	19°17'12	11♂9	0♂42	5°25	25°4	18°28	29°31	29°46	12°53	2°52	10°19	10°37	23°42	27°23	W12
T 13	21 24 23	20°14'39	24°47	2°8	6°30	24°49	18°40	29°34	29°48	12°54	2°52	10°7	10°34	23°48	27°24	T 13
F 14	21 28 20	21°12'08	8♂7	3°38	7°35	24°33	18°53	29°37	29°51	12°55	2°53	9°55	10°31	23°55	27°25	F 14
S 15	21 32 16	22°9'36	21°8	5°13	8°41	24°17	19°6	29°40	29°53	12°55	2°53	9°46	10°27	24°2	27°26	S 15
S 16	21 36 13	23°7'06	3♂49	6°53	9°46	24°1	19°18	29°43	29°56	12°56	2°53	9°39	10°24	24°8	27°27	S 16
M17	21 40 9	24°4'37	16°11	8°36	10°52	23°45	19°30	29°45	29°58	12°57	2°54	9°34	10°21	24°15	27°28	M17
T 18	21 44 6	25°2'08	28°17	10°22	11°58	23°29	19°43	29°48	0♂1	12°57	2°54	9°32	10°18	24°22	27°29	T 18
W19	21 48 3	25°59'40	10♂13	12°12	13°4	23°13	19°55	29°51	0°3	12°58	2°54	9°D32	10°15	24°28	27°30	W19
T 20	21 51 59	26°57'12	22°3	14°4	14°10	22°57	20°7	29°53	0°5	12°59	2°55	9°R32	10°11	24°35	27°31	T 20
F 21	21 55 56	27°54'46	3♂52	15°59	15°16	22°41	20°20	29°56	0°8	13°0	2°55	9°32	10°8	24°41	27°31	F 21
S 22	21 59 52	28°52'21	15°45	17°57	16°23	22°25	20°32	29°58	0°10	13°1	2°55	9°30	10°5	24°48	27°32	S 22
S 23	22 3 49	29°49'56	27°49	19°55	17°30	22°10	20°44	29°59	0°12	13°2	2°55	9°27	10°2	24°55	27°33	S 23
M24	22 7 45	0♂47'32	10♂3	21°56	18°36	21°55	20°56	0♂2	0°14	13°3	2°55	9°21	9°59	25°1	27°33	M24
T 25	22 11 42	1°45'10	22°43	23°57	19°43	21°40	21°8	0°4	0°16	13°4	2°56	9°13	9°56	25°8	27°34	T 25
W26	22 15 38	2°42'48	5♂39	25°58	20°51	21°25	21°19	0°6	0°18	13°5	2°56	9°3	9°52	25°15	27°34	W26
T 27	22 19 35	3°40'27	18°55	28°0	21°58	21°11	21°31	0°8	0°20	13°6	2°56	8°53	9°49	25°21	27°34	T 27
F 28	22 23 32	4°38'07	2♂31	0♂2	23°6	20°57	21°43	0°9	0°22	13°7	2°56	8°42	9°46	25°28	27°35	F 28
S 29	22 27 28	5°35'49	16°23	2°4	24°13	20°44	21°55	0°11	0°24	13°8	2°56	8°33	9°43	25°35	27°35	S 29
S 30	22 31 25	6°33'32	0°Y27	4°6	25°21	20°31	22°6	0°12	0°26	13°9	2°56	8°26	9°40	25°41	27°35	S 30
M31	22 35 21	7♂31'16	14°Y39	6♂6	26♂29	20♂19	22♂18	0♂14	0♂28	13♂10	2♂56	8♂21	9♂36	25♂48	27♂35	M31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	18n 0	13s 7	4s31	18n24	3s25	20n15	2s58	18s15	6s21	22n18	0s 6	17n42	2s11	23n29	0n 8	14s 0
S 2	17 45	7 16	3 53	18 33	3 11	20 20	2 55	18 22	6 24	22 17	0 6	17 43	2 11	23 29	0 8	14 0
M 3	17 30	1 1	3 0	18 43	2 56	20 25	2 53	18 28	6 27	22 15	0 6	17 44	2 11	23 29	0 8	14 0
T 4	17 14	5n22	1 56	18 51	2 42	20 30	2 50	18 35	6 29	22 14	0 5	17 44	2 12	23 30	0 8	14 0
W 5	16 58	11 32	0 45	18 59	2 27	20 34	2 47	18 41	6 32	22 12	0 5	17 45	2 12	23 30	0 8	14 1
T 6	16 42	17 9	0n29	19 6	2 11	20 37	2 44	18 48	6 34	22 10	0 5	17 45	2 12	23 30	0 8	14 1
F 7	16 26	21 52	1 42	19 12	1 56	20 41	2 41	18 55	6 36	22 9	0 5	17 46	2 12	23 30	0 8	14 1
S 8	16 9	25 17	2 49	19 16	1 41	20 43	2 38	19 1	6 38	22 7	0 5	17 47	2 12	23 30	0 8	14 1
S 9	15 52	27 6	3 45	19 19	1 26	20 46	2 35	19 8	6 40	22 6	0 5	17 47	2 13	23 30	0 8	14 1
M10	15 35	27 9	4 27	19 20	1 11	20 48	2 32	19 15	6 42	22 4	0 5	17 48	2 13	23 30	0 8	14 1
T 11	15 17	25 26	4 53	19 19	0 56	20 49	2 28	19 21	6 43	22 3	0 5	17 48	2 13	23 30	0 8	14 2
W12	14 59	22 11	5 1	19 16	0 41	20 50	2 25	19 28	6 44	22 1	0 5	17 49	2 13	23 30	0 8	14 2
T 13	14 41	17 47	4 51	19 11	0 27	20 50	2 22	19 34	6 46	21 59	0 5	17 49	2 13	23 30	0 8	14 2
F 14	14 23	12 36	4 26	19 4	0 13	20 50	2 18	19 40	6 47	21 58	0 5	17 50	2 13	23 30	0 8	14 2
S 15	14 5	6 58	3 47	18 54	0 0	20 50	2 15	19 47	6 47	21 56	0 4	17 50	2 14	23 30	0 8	14 3
S 16	13 46	1 12	2 57	18 42	0n13	20 49	2 12	19 53	6 48	21 54	0 4	17 51	2 14	23 30	0 8	14 3
M17	13 27	4s29	2 1	18 27	0 24	20 47	2 8	19 58	6 48	21 53	0 4	17 51	2 14	23 30	0 8	14 3
T 18	13 8	9 54	0 59	18 9	0 36	20 46	2 4	20 4	6 48	21 51	0 4	17 51	2 14	23 30	0 8	14 3
W19	12 49	14 54	0s 4	17 49	0 46	20 43	2 1	20 9	6 48	21 49	0 4	17 52	2 14	23 30	0 8	14 4
T 20	12 29	19 17	1 6	17 27	0 56	20 40	1 57	20 14	6 48	21 48	0 4	17 52	2 15	23 30	0 8	14 4
F 21	12 10	22 55	2 6	17 1	1 5	20 37	1 54	20 19	6 48	21 46	0 4	17 52	2 15	23 30	0 8	14 4
S 22	11 50	25 35	3 0	16 33	1 13	20 33	1 50	20 24	6 47	21 44	0 4	17 53	2 15	23 30	0 8	14 5
S 23	11 30	27 8	3 47	16 3	1 20	20 28	1 46	20 28	6 46	21 42	0 4	17 53	2 15	23 30	0 8	14 5
M24	11 9	27 23	4 25	15 31	1 42	20 23	1 42	20 32	6 45	21 41	0 4	17 53	2 15	23 30	0 8	14 5
T 25	10 49	26 14	4 51	14 56	1 31	20 17	1 39	20 36	6 44	21 39	0 4	17 53	2 16	23 30	0 8	14 6
W26	10 28	23 41	5 3	14 19	1 36	20 11	1 35	20 40	6 42	21 37	0 3	17 53	2 16	23 30	0 8	14 6
T 27	10 8	19 50	4 59	13 41	1 39	20 5	1 31	20 43	6 41	21 36	0 3	17 54	2 16	23 30	0 8	14 6
F 28	9 47	14 52	4 38	13 1	1 42	19 58	1 27	20 45	6 39	21 34	0 3	17 54	2 16	23 30	0 8	14 7
S 29	9 26	9 3	4 0	12 19	1 44	19 50	1 23	20 48	6 37	21 32	0 3	17 54	2 16	23 30	0 8	14 7
S 30	9 5	2 41	3 8	11 36	1 45	19 42	1 20	20 50	6 35	21 30	0 3	17 54	2 17	23 30	0 8	14 7
M31	8n43	3n52	2s 3	10n53	1n45	19n33	1s16	20s52	6s33	21n29	0s 3	17n54	2s17	23n30	0n 8	14s 8

Julian Day Number = 2677476.5, Delta T = 21m26s

Ecliptic obliquity = 23°21'39, Nutation = - 0°00'10

Ayanamsha: Fagan/Bradley = 33°23'33, Lahiri = 32°30'33

# ASTRODIENST EPHEMERIS for the year 2618

SEPTEMBER 2618

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 39 18	8♉29°02	28♊°55	8♉ 6	27♉37	20°R 7	22♉29	0♉15	0♉30	13♌11	2♉56	8°R19	9♉33	25♌55	27♉35	T 1
W 2	22 43 14	9°26'50	13♉11	10° 5	28°46	19°56	22°40	0°16	0°31	13°12	2°R56	8°D19	9°30	26° 1	27°R35	W 2
T 3	22 47 11	10°24'39	27°24	12° 4	29°54	19°46	22°52	0°17	0°33	13°13	2°56	8°R19	9°27	26° 8	27°35	T 3
F 4	22 51 7	11°22'30	11♉33	14° 1	1♉ 3	19°36	23° 3	0°18	0°35	13°15	2°56	8°R20	9°24	26°15	27°35	F 4
S 5	22 55 4	12°20'23	25°37	15°56	2°11	19°27	23°14	0°19	0°37	13°16	2°56	8°19	9°21	26°21	27°35	S 5
S 6	22 59 1	13°18'17	9♉34	17°51	3°20	19°18	23°25	0°20	0°38	13°17	2°56	8°16	9°17	26°28	27°35	S 6
M 7	23 2 57	14°16'14	23°23	19°45	4°29	19°10	23°36	0°20	0°40	13°19	2°56	8°11	9°14	26°35	27°35	M 7
T 8	23 6 54	15°14'12	7♉ 3	21°37	5°38	19° 3	23°47	0°21	0°41	13°20	2°56	8° 4	9°11	26°41	27°34	T 8
W 9	23 10 50	16°12'12	20°31	23°28	6°47	18°57	23°57	0°21	0°43	13°21	2°56	7°56	9° 8	26°48	27°34	W 9
T 10	23 14 47	17°10'13	3♉46	25°17	7°57	18°51	24° 8	0°21	0°44	13°23	2°56	7°47	9° 5	26°54	27°33	T 10
F 11	23 18 43	18° 8'16	16°46	27° 6	9° 6	18°47	24°19	0°22	0°45	13°24	2°56	7°39	9° 2	27° 1	27°33	F 11
S 12	23 22 40	19° 6'20	29°31	28°53	10°16	18°43	24°29	0°R22	0°47	13°26	2°55	7°32	8°58	27° 8	27°32	S 12
S 13	23 26 36	20° 4'26	12♉ 0	0♉39	11°26	18°39	24°39	0°22	0°48	13°27	2°55	7°27	8°55	27°14	27°32	S 13
M14	23 30 33	21° 2'34	24°14	2°23	12°35	18°37	24°50	0°22	0°49	13°29	2°55	7°24	8°52	27°21	27°31	M14
T 15	23 34 30	22° 0'43	6♌17	4° 7	13°45	18°36	25° 0	0°21	0°50	13°30	2°55	7°D23	8°49	27°28	27°30	T 15
W16	23 38 26	22°58'54	18°10	5°49	14°55	18°D35	25°10	0°21	0°51	13°32	2°54	7°23	8°46	27°34	27°29	W16
T 17	23 42 23	23°57'06	29°59	7°30	16° 6	18°35	25°20	0°21	0°52	13°33	2°54	7°24	8°42	27°41	27°28	T 17
F 18	23 46 19	24°55'19	11♉47	9°10	17°16	18°36	25°30	0°20	0°53	13°35	2°54	7°26	8°39	27°48	27°27	F 18
S 19	23 50 16	25°53'34	23°41	10°48	18°26	18°38	25°39	0°19	0°54	13°37	2°53	7°R27	8°36	27°54	27°27	S 19
S 20	23 54 12	26°51'51	5♉44	12°26	19°37	18°40	25°49	0°19	0°55	13°38	2°53	7°26	8°33	28° 1	27°25	S 20
M21	23 58 9	27°50'09	18° 2	14° 2	20°47	18°44	25°58	0°18	0°56	13°40	2°53	7°24	8°30	28° 8	27°24	M21
T 22	0 2 5	28°48'29	0♉40	15°38	21°58	18°48	26° 8	0°17	0°57	13°42	2°52	7°21	8°27	28°14	27°23	T 22
W23	0 6 2	29°46'50	13°40	17°12	23° 9	18°53	26°17	0°16	0°58	13°43	2°52	7°16	8°23	28°21	27°22	W23
T 24	0 9 59	0♉45'12	27° 4	18°45	24°20	18°59	26°26	0°14	0°58	13°45	2°52	7°10	8°20	28°28	27°21	T 24
F 25	0 13 55	1°43'36	10♉53	20°17	25°31	19° 5	26°35	0°13	0°59	13°47	2°51	7° 4	8°17	28°34	27°19	F 25
S 26	0 17 52	2°42'02	25° 2	21°47	26°42	19°13	26°44	0°12	1° 0	13°48	2°51	6°59	8°14	28°41	27°18	S 26
S 27	0 21 48	3°40'30	9♊29	23°17	27°53	19°21	26°53	0°10	1° 0	13°50	2°50	6°55	8°11	28°48	27°17	S 27
M28	0 25 45	4°39'00	24° 6	24°46	29° 4	19°30	27° 2	0° 9	1° 1	13°52	2°50	6°53	8° 8	28°54	27°15	M28
T 29	0 29 41	5°37'31	8♉48	26°13	0♉16	19°40	27°10	0° 7	1° 1	13°54	2°49	6°D53	8° 4	29° 1	27°14	T 29
W30	0 33 38	6♉36'05	23♉27	27♉40	1♉27	19°50	27°59	0♉ 5	1° 1	13°56	2♉49	6♉54	8♉ 1	29♌ 8	27♉12	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	8n22	10n16	0s50	10n 8	1n45	19n24	1s12	20s53	6s30	21n27	0s 3	17n54	2s17	23n30	0n 8	14s 8
W 2	8 0	16 10	0n26	9 22	1 44	19 14	1 8	20 55	6 28	21 25	0 3	17 54	2 17	23 30	0 8	14 9
T 3	7 38	21 9	1 40	8 36	1 43	19 4	1 4	20 55	6 25	21 23	0 3	17 54	2 18	23 30	0 8	14 9
F 4	7 17	24 52	2 48	7 49	1 41	18 53	1 0	20 56	6 22	21 21	0 3	17 54	2 18	23 30	0 8	14 9
S 5	6 55	27 3	3 46	7 2	1 38	18 41	0 56	20 56	6 19	21 20	0 2	17 54	2 18	23 30	0 8	14 10
S 6	6 32	27 29	4 29	6 14	1 35	18 30	0 53	20 56	6 16	21 18	0 2	17 54	2 18	23 30	0 8	14 10
M 7	6 10	26 12	4 56	5 27	1 31	18 17	0 49	20 55	6 13	21 16	0 2	17 54	2 18	23 30	0 8	14 11
T 8	5 48	23 23	5 6	4 39	1 27	18 4	0 45	20 54	6 10	21 14	0 2	17 54	2 19	23 30	0 8	14 11
W 9	5 26	19 19	4 59	3 51	1 22	17 51	0 41	20 53	6 6	21 13	0 2	17 54	2 19	23 30	0 8	14 12
T 10	5 3	14 22	4 36	3 3	1 18	17 37	0 37	20 52	6 3	21 11	0 2	17 54	2 19	23 30	0 8	14 12
F 11	4 41	8 52	3 58	2 15	1 12	17 23	0 34	20 50	5 59	21 9	0 2	17 53	2 19	23 30	0 9	14 13
S 12	4 18	3 6	3 10	1 28	1 7	17 8	0 30	20 47	5 55	21 7	0 2	17 53	2 19	23 30	0 9	14 13
S 13	3 55	2s41	2 13	0 41	1 1	16 53	0 26	20 45	5 51	21 6	0 2	17 53	2 20	23 30	0 9	14 14
M14	3 32	8 17	1 11	0s 6	0 55	16 37	0 22	20 42	5 48	21 4	0 2	17 53	2 20	23 30	0 9	14 14
T 15	3 10	13 29	0 6	0 53	0 49	16 21	0 19	20 39	5 44	21 2	0 1	17 53	2 20	23 30	0 9	14 14
W16	2 47	18 7	0s58	1 40	0 42	16 4	0 15	20 35	5 40	21 1	0 1	17 52	2 20	23 30	0 9	14 15
T 17	2 24	22 2	2 0	2 26	0 35	15 47	0 12	20 31	5 36	20 59	0 1	17 52	2 20	23 30	0 9	14 15
F 18	2 1	25 2	2 56	3 11	0 28	15 29	0 8	20 27	5 32	20 57	0 1	17 52	2 21	23 30	0 9	14 16
S 19	1 38	26 57	3 45	3 56	0 21	15 11	0 4	20 23	5 27	20 55	0 1	17 51	2 21	23 30	0 9	14 17
S 20	1 15	27 39	4 25	4 41	0 14	14 52	0 1	20 18	5 23	20 54	0 1	17 51	2 21	23 30	0 9	14 17
M21	0 51	27 0	4 54	5 25	0 7	14 34	0n 3	20 13	5 19	20 52	0 1	17 51	2 21	23 30	0 9	14 18
T 22	0 28	24 58	5 9	6 9	0s 1	14 14	0 6	20 7	5 15	20 51	0 1	17 50	2 21	23 30	0 9	14 18
W23	0 5	21 36	5 9	6 52	0 8	13 54	0 9	20 2	5 11	20 49	0 1	17 50	2 22	23 30	0 9	14 19
T 24	0s18	17 2	4 53	7 34	0 16	13 34	0 13	19 56	5 6	20 47	0 1	17 49	2 22	23 30	0 9	14 19
F 25	0 41	11 27	4 19	8 16	0 24	13 14	0 16	19 50	5 2	20 46	0 0	17 49	2 22	23 30	0 9	14 20
S 26	1 4	5 10	3 29	8 57	0 31	12 53	0 19	19 43	4 58	20 44	0 0	17 49	2 22	23 30	0 9	14 20
S 27	1 27	1n32	2 24	9 37	0 39	12 31	0 23	19 37	4 54	20 42	0 0	17 48	2 22	23 30	0 9	14 21
M28	1 51	8 14	1 9	10 17	0 47	12 10	0 26	19 30	4 49	20 41	0 0	17 48	2 22	23 30	0 9	14 21
T 29	2 14	14 33	0n10	10 56	0 55	11 48	0 29	19 23	4 45	20 39	0 0	17 47	2 23	23 30	0 9	14 22
W30	2s37	20n 1	1n30	11s35	1s 2	11n25	0n32	19s15	4s41	20n38	0n 0	17n46	2s23	23n30	0n 9	14s23

Julian Day Number = 2677507.5, Delta T = 21m26s  
 Ecliptic obliquity = 23°21'40, Nutation = - 0°00'10  
 Ayanamsha: Fagan/Bradley = 33°23'37, Lahiri = 32°30'37

## ASTRODIENST EPHEMERIS for the year 2618

OCTOBER 2618

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 37 34	7♂34'41	7♂59	29♂ 5	2♂39	20♂ 1	27♂27	0°R 3	1♂2 2	13♂58	2°R48	6♂55	7♂58	29♂14	27°R11	T 1
F 2	0 41 31	8°33'19	22°19	0♂29	3°50	20°13	27°35	0♂1 1	1° 2	14° 0	2♂47	6°56	7°55	29°21	27° 9	F 2
S 3	0 45 28	9°31'59	6♂26	1°52	5° 2	20°25	27°43	29♂59	1° 2	14° 1	2°47	6°R57	7°52	29°27	27° 7	S 3
S 4	0 49 24	10°30'42	20°17	3°14	6°14	20°38	27°51	29°57	1° 3	14° 3	2°46	6°57	7°48	29°34	27° 5	S 4
M 5	0 53 21	11°29'27	3♂53	4°34	7°26	20°52	27°59	29°55	1° 3	14° 5	2°46	6°55	7°45	29°41	27° 4	M 5
T 6	0 57 17	12°28'14	17°14	5°53	8°38	21° 7	28° 7	29°52	1° 3	14° 7	2°45	6°53	7°42	29°47	27° 2	T 6
W 7	1 1 14	13°27'03	0♂21	7°11	9°50	21°22	28°14	29°50	1°R 3	14° 9	2°44	6°49	7°39	29°54	27° 0	W 7
T 8	1 5 10	14°25'54	13°13	8°28	11° 2	21°38	28°22	29°47	1° 3	14°11	2°44	6°46	7°36	0♂1 1	26°58	T 8
F 9	1 9 7	15°24'47	25°52	9°43	12°15	21°54	28°29	29°45	1° 3	14°13	2°43	6°42	7°33	0° 7	26°56	F 9
S 10	1 13 3	16°23'42	8♂18	10°56	13°27	22°11	28°36	29°42	1° 3	14°15	2°42	6°40	7°29	0°14	26°54	S 10
S 11	1 17 0	17°22'40	20°33	12° 8	14°39	22°29	28°43	29°39	1° 2	14°17	2°41	6°38	7°26	0°21	26°52	S 11
M12	1 20 56	18°21'39	2♂38	13°18	15°52	22°48	28°50	29°36	1° 2	14°19	2°41	6°D37	7°23	0°27	26°49	M12
T 13	1 24 53	19°20'40	14°34	14°27	17° 5	23° 6	28°56	29°33	1° 2	14°21	2°40	6°37	7°20	0°34	26°47	T 13
W14	1 28 50	20°19'43	26°25	15°33	18°17	23°26	29° 3	29°30	1° 2	14°23	2°39	6°38	7°17	0°41	26°45	W14
T 15	1 32 46	21°18'49	8♂12	16°37	19°30	23°46	29° 9	29°27	1° 1	14°26	2°38	6°39	7°13	0°47	26°43	T 15
F 16	1 36 43	22°17'55	20° 0	17°39	20°43	24° 7	29°15	29°23	1° 1	14°28	2°38	6°41	7°10	0°54	26°40	F 16
S 17	1 40 39	23°17'04	1♂53	18°38	21°56	24°28	29°21	29°20	1° 0	14°30	2°37	6°42	7° 7	1° 1	26°38	S 17
S 18	1 44 36	24°16'15	13°55	19°35	23° 9	24°50	29°27	29°17	1° 0	14°32	2°36	6°43	7° 4	1° 7	26°36	S 18
M19	1 48 32	25°15'27	26°10	20°28	24°22	25°12	29°33	29°13	0°59	14°34	2°35	6°R43	7° 1	1°14	26°33	M19
T 20	1 52 29	26°14'41	8♂44	21°19	25°35	25°34	29°38	29° 9	0°58	14°36	2°34	6°43	6°58	1°21	26°31	T 20
W21	1 56 25	27°13'56	21°40	22° 5	26°48	25°58	29°44	29° 6	0°58	14°38	2°33	6°42	6°54	1°27	26°28	W21
T 22	2 0 22	28°13'14	5♂ 2	22°48	28° 1	26°21	29°49	29° 2	0°57	14°41	2°32	6°41	6°51	1°34	26°26	T 22
F 23	2 4 19	29°12'33	18°50	23°27	29°14	26°45	29°54	28°58	0°56	14°43	2°32	6°40	6°48	1°41	26°23	F 23
S 24	2 8 15	0♂11'54	3°Y 5	24° 0	0♂28	27°10	29°59	28°54	0°55	14°45	2°31	6°39	6°45	1°47	26°21	S 24
S 25	2 12 12	1°11'16	17°42	24°29	1°41	27°35	0♂ 3	28°50	0°55	14°47	2°30	6°39	6°42	1°54	26°18	S 25
M26	2 16 8	2°10'41	2♂36	24°52	2°55	28° 1	0° 8	28°46	0°54	14°49	2°29	6°D38	6°39	2° 1	26°15	M26
T 27	2 20 5	3°10'08	17°39	25° 9	4° 8	28°26	0°12	28°42	0°53	14°51	2°28	6°38	6°35	2° 7	26°13	T 27
W28	2 24 1	4° 9'37	2♂42	25°19	5°22	28°53	0°16	28°38	0°52	14°54	2°27	6°39	6°32	2°14	26°10	W28
T 29	2 27 58	5° 9'08	17°38	25°R22	6°35	29°19	0°20	28°34	0°50	14°56	2°26	6°39	6°29	2°21	26° 7	T 29
F 30	2 31 54	6° 8'41	2♂18	25°17	7°49	29°46	0°24	28°30	0°49	14°58	2°25	6°39	6°26	2°27	26° 5	F 30
S 31	2 35 51	7♂ 8'16	16♂38	25♂ 4	9♂ 3	0♂14	0♂28	28♂25	0♂48	15♂ 0	2♂24	6°R39	6♂23	2♂34	26♂ 2	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	3s 0	24n14	2n42	12s12	1s10	11n 2	0n35	19s 8	4s36	20n36	0n 0	17n46	2s23	23n30	0n 9	14s23
F 2	3 23	26 52	3 44	12 49	1 18	10 39	0 38	19 0	4 32	20 35	0 0	17 45	2 23	23 30	0 9	14 24
S 3	3 46	27 43	4 31	13 25	1 25	10 16	0 41	18 52	4 28	20 33	0 0	17 45	2 23	23 30	0 9	14 24
S 4	4 9	26 48	5 1	14 0	1 33	9 52	0 44	18 44	4 24	20 32	0 0	17 44	2 23	23 30	0 9	14 25
M 5	4 32	24 18	5 14	14 35	1 40	9 28	0 46	18 35	4 19	20 30	0 1	17 43	2 24	23 30	0 9	14 26
T 6	4 55	20 31	5 9	15 8	1 48	9 4	0 49	18 26	4 15	20 29	0 1	17 43	2 24	23 30	0 9	14 26
W 7	5 18	15 48	4 48	15 41	1 55	8 39	0 52	18 18	4 11	20 28	0 1	17 42	2 24	23 30	0 9	14 27
T 8	5 40	10 28	4 13	16 12	2 2	8 14	0 54	18 8	4 7	20 26	0 1	17 41	2 24	23 30	0 9	14 27
F 9	6 3	4 48	3 26	16 43	2 9	7 49	0 57	17 59	4 3	20 25	0 1	17 41	2 24	23 30	0 9	14 28
S 10	6 26	0s59	2 30	17 13	2 16	7 24	0 59	17 50	3 59	20 24	0 1	17 40	2 24	23 30	0 9	14 29
S 11	6 48	6 39	1 28	17 41	2 22	6 58	1 2	17 40	3 55	20 22	0 1	17 39	2 25	23 30	0 9	14 29
M12	7 11	12 0	0 22	18 9	2 29	6 32	1 4	17 30	3 51	20 21	0 1	17 39	2 25	23 30	0 9	14 30
T 13	7 33	16 51	0s44	18 35	2 35	6 6	1 6	17 20	3 46	20 20	0 1	17 38	2 25	23 30	0 9	14 30
W14	7 55	21 2	1 47	19 0	2 41	5 40	1 8	17 10	3 42	20 19	0 2	17 37	2 25	23 30	0 9	14 31
T 15	8 17	24 20	2 46	19 24	2 46	5 13	1 10	16 59	3 39	20 17	0 2	17 36	2 25	23 31	0 9	14 32
F 16	8 39	26 36	3 38	19 47	2 52	4 47	1 13	16 49	3 35	20 16	0 2	17 35	2 25	23 31	0 9	14 32
S 17	9 1	27 41	4 21	20 8	2 57	4 20	1 14	16 38	3 31	20 15	0 2	17 35	2 25	23 31	0 9	14 33
S 18	9 23	27 29	4 53	20 28	3 1	3 53	1 16	16 27	3 27	20 14	0 2	17 34	2 25	23 31	0 9	14 34
M19	9 44	25 57	5 12	20 47	3 5	3 26	1 18	16 16	3 23	20 13	0 2	17 33	2 26	23 31	0 9	14 34
T 20	10 6	23 7	5 17	21 4	3 9	2 59	1 20	16 5	3 19	20 12	0 2	17 32	2 26	23 31	0 9	14 35
W21	10 27	19 4	5 7	21 19	3 12	2 31	1 22	15 53	3 15	20 11	0 2	17 31	2 26	23 31	0 9	14 36
T 22	10 48	13 58	4 39	21 32	3 14	2 4	1 23	15 42	3 12	20 10	0 3	17 30	2 26	23 31	0 9	14 36
F 23	11 9	8 1	3 55	21 44	3 16	1 36	1 25	15 30	3 8	20 9	0 3	17 29	2 26	23 31	0 9	14 37
S 24	11 30	1 28	2 56	21 53	3 17	1 8	1 26	15 18	3 4	20 8	0 3	17 28	2 26	23 31	0 9	14 37
S 25	11 51	5n20	1 43	22 1	3 17	0 40	1 28	15 6	3 1	20 7	0 3	17 27	2 26	23 31	0 9	14 38
M26	12 11	11 59	0 22	22 6	3 16	0 12	1 29	14 54	2 57	20 6	0 3	17 26	2 26	23 31	0 9	14 39
T 27	12 32	18 1	1n 1	22 8	3 14	0s16	1 30	14 42	2 54	20 6	0 3	17 26	2 26	23 31	0 9	14 39
W28	12 52	22 55	2 20	22 8	3 12	0 44	1 31	14 29	2 50	20 5	0 3	17 25	2 26	23 31	0 9	14 40
T 29	13 12	26 15	3 29	22 4	3 7	1 12	1 32	14 16	2 47	20 4	0 3	17 24	2 26	23 31	0 9	14 41
F 30	13 32	27 43	4 23	21 58	3 2	1 40	1 33	14 4	2 43	20 3	0 4	17 23	2 27	23 31	0 9	14 41
S 31	13s51	27n16	4n59	21s48	2s55	2s 8	1n34	13s51	2s40	20n 3	0n 4	17n22	2s27	23n31	0n 9	14s42

Julian Day Number = 2677537.5, Delta T = 21m26s

Ecliptic obliquity = 23°21'40, Nutation = - 0°00'11

Ayanamsha: Fagan/Bradley = 33°23'42, Lahiri = 32°30'42

# ASTRODIENST EPHEMERIS for the year 2618

NOVEMBER 2618

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 39 48	8♈ 7°54	0♈35	24°R43	10♈17	0♈42	0♈31	28°R21	0°R47	15♈ 3	2°R23	6°R39	6♈19	2♈41	25°R59	S 1
M 2	2 43 44	9° 7'34	14°10	24♈12	11°30	1°10	0°35	28♈17	0°346	15° 5	2°R22	6°D39	6°16	2°47	25°R56	M 2
T 3	2 47 41	10° 7'16	27°22	23°33	12°44	1°38	0°38	28°12	0°44	15° 7	2°21	6♈39	6°13	2°54	25°53	T 3
W 4	2 51 37	11° 7'01	10♈15	22°45	13°58	2° 7	0°40	28° 8	0°43	15° 9	2°20	6°39	6°10	3° 1	25°50	W 4
T 5	2 55 34	12° 6'47	22°51	21°48	15°12	2°36	0°43	28° 3	0°42	15°11	2°19	6°40	6° 7	3° 7	25°48	T 5
F 6	2 59 30	13° 6'36	5♈13	20°45	16°27	3° 6	0°46	27°59	0°40	15°14	2°18	6°40	6° 4	3°14	25°45	F 6
S 7	3 3 27	14° 6'27	17°24	19°35	17°41	3°36	0°48	27°54	0°39	15°16	2°17	6°41	6° 0	3°20	25°42	S 7
S 8	3 7 23	15° 6'20	29°26	18°21	18°55	4° 6	0°50	27°49	0°37	15°18	2°16	6°42	5°57	3°27	25°39	S 8
M 9	3 11 20	16° 6'14	11♈21	17° 4	20° 9	4°36	0°52	27°45	0°36	15°20	2°15	6°R42	5°54	3°34	25°36	M 9
T 10	3 15 17	17° 6'11	23°12	15°47	21°23	5° 7	0°54	27°40	0°34	15°23	2°13	6°41	5°51	3°40	25°33	T 10
W 11	3 19 13	18° 6'10	5♈ 0	14°32	22°38	5°38	0°55	27°35	0°32	15°25	2°12	6°40	5°48	3°47	25°30	W 11
T 12	3 23 10	19° 6'10	16°48	13°22	23°52	6° 9	0°57	27°31	0°31	15°27	2°11	6°38	5°45	3°54	25°27	T 12
F 13	3 27 6	20° 6'13	28°38	12°18	25° 6	6°41	0°58	27°26	0°29	15°29	2°10	6°36	5°41	4° 0	25°24	F 13
S 14	3 31 3	21° 6'17	10♈33	11°23	26°21	7°13	0°59	27°21	0°27	15°32	2° 9	6°34	5°38	4° 7	25°21	S 14
S 15	3 34 59	22° 6'22	22°36	10°38	27°35	7°45	1° 0	27°16	0°25	15°34	2° 8	6°32	5°35	4°14	25°18	S 15
M 16	3 38 56	23° 6'29	4♈51	10° 5	28°50	8°17	1° 0	27°11	0°23	15°36	2° 7	6°30	5°32	4°20	25°15	M 16
T 17	3 42 52	24° 6'38	17°21	9°42	0♈ 4	8°50	1° 1	27° 7	0°22	15°38	2° 6	6°30	5°29	4°27	25°12	T 17
W 18	3 46 49	25° 6'48	0♈11	9°D32	1°19	9°23	1°R 1	27° 2	0°20	15°41	2° 5	6°D30	5°25	4°34	25° 9	W 18
T 19	3 50 46	26° 6'59	13°23	9°32	2°33	9°56	1° 1	26°57	0°18	15°43	2° 4	6°30	5°22	4°40	25° 6	T 19
F 20	3 54 42	27° 7'12	27° 2	9°44	3°48	10°29	1° 0	26°52	0°16	15°45	2° 2	6°32	5°19	4°47	25° 3	F 20
S 21	3 58 39	28° 7'26	11°Y 7	10° 6	5° 3	11° 3	1° 0	26°47	0°14	15°47	2° 1	6°33	5°16	4°54	25° 0	S 21
S 22	4 2 35	29° 7'42	25°39	10°37	6°17	11°37	0°59	26°42	0°12	15°49	2° 0	6°34	5°13	5° 0	24°57	S 22
M 23	4 6 32	0♈7 8'00	10♈33	11°17	7°32	12°11	0°59	26°37	0°10	15°52	1°59	6°R34	5°10	5° 7	24°54	M 23
T 24	4 10 28	1° 8'19	25°43	12° 4	8°47	12°45	0°58	26°33	0° 7	15°54	1°58	6°33	5° 6	5°14	24°51	T 24
W 25	4 14 25	2° 8'39	10♈59	12°58	10° 2	13°19	0°56	26°28	0° 5	15°56	1°57	6°31	5° 3	5°20	24°48	W 25
T 26	4 18 21	3° 9'02	26°12	13°58	11°16	13°54	0°55	26°23	0° 3	15°58	1°56	6°28	5° 0	5°27	24°45	T 26
F 27	4 22 18	4° 9'26	11♈11	15° 3	12°31	14°29	0°53	26°18	0° 1	16° 0	1°55	6°24	4°57	5°34	24°42	F 27
S 28	4 26 15	5° 9'52	25°48	16°13	13°46	15° 3	0°51	26°13	29♈59	16° 2	1°54	6°20	4°54	5°40	24°39	S 28
S 29	4 30 11	6°10'19	9♈59	17°26	15° 1	15°38	0°49	26° 9	29°56	16° 5	1°52	6°16	4°51	5°47	24°36	S 29
M 30	4 34 8	7♈10'49	23♈41	18♈43	16♈16	16♈14	0♈47	26♈ 4	29♈54	16♈ 7	1°51	6♈14	4♈47	5♈54	24♈33	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	14s10	25n 6	5n16	21s35	2s47	2s36	1n35	13s38	2s37	20n 2	0n 4	17n21	2s27	23n31	0n 9	14s43
M 2	14 29	21 33	5 15	21 17	2 36	3 4	1 36	13 25	2 33	20 2	0 4	17 20	2 27	23 31	0 9	14 43
T 3	14 48	17 0	4 57	20 56	2 25	3 32	1 36	13 12	2 30	20 1	0 4	17 19	2 27	23 31	0 9	14 44
W 4	15 7	11 47	4 25	20 30	2 11	4 0	1 37	12 58	2 27	20 1	0 4	17 18	2 27	23 31	0 9	14 45
T 5	15 25	6 12	3 40	20 1	1 56	4 28	1 37	12 45	2 23	20 0	0 4	17 17	2 27	23 31	0 9	14 45
F 6	15 43	0 28	2 46	19 28	1 39	4 56	1 38	12 31	2 20	20 0	0 4	17 16	2 27	23 31	0 9	14 46
S 7	16 1	5s11	1 45	18 52	1 20	5 24	1 38	12 17	2 17	19 59	0 5	17 14	2 27	23 31	0 9	14 47
S 8	16 19	10 36	0 40	18 13	1 1	5 52	1 39	12 3	2 14	19 59	0 5	17 13	2 27	23 31	0 9	14 47
M 9	16 36	15 36	0s26	17 32	0 41	6 20	1 39	11 49	2 11	19 59	0 5	17 12	2 27	23 31	0 10	14 48
T 10	16 53	19 58	1 30	16 50	0 20	6 47	1 39	11 35	2 8	19 58	0 5	17 11	2 27	23 31	0 10	14 48
W 11	17 10	23 32	2 31	16 8	0n 1	7 15	1 39	11 21	2 5	19 58	0 5	17 10	2 27	23 31	0 10	14 49
T 12	17 26	26 6	3 24	15 28	0 21	7 42	1 39	11 7	2 2	19 58	0 5	17 9	2 27	23 31	0 10	14 50
F 13	17 43	27 31	4 10	14 51	0 40	8 9	1 39	10 53	1 59	19 58	0 5	17 8	2 27	23 31	0 10	14 50
S 14	17 59	27 40	4 44	14 17	0 58	8 36	1 39	10 38	1 56	19 58	0 6	17 7	2 27	23 31	0 10	14 51
S 15	18 14	26 31	5 7	13 47	1 14	9 3	1 38	10 23	1 53	19 58	0 6	17 6	2 27	23 31	0 10	14 52
M 16	18 29	24 6	5 16	13 23	1 29	9 30	1 38	10 9	1 51	19 58	0 6	17 5	2 27	23 31	0 10	14 52
T 17	18 44	20 30	5 10	13 4	1 42	9 56	1 38	9 54	1 48	19 58	0 6	17 4	2 27	23 31	0 10	14 53
W 18	18 59	15 53	4 50	12 50	1 52	10 22	1 37	9 39	1 45	19 58	0 6	17 3	2 27	23 31	0 10	14 54
T 19	19 13	10 24	4 13	12 42	2 1	10 48	1 37	9 24	1 42	19 58	0 6	17 2	2 27	23 31	0 10	14 54
F 20	19 27	4 15	3 21	12 39	2 9	11 14	1 36	9 9	1 40	19 58	0 6	17 1	2 27	23 31	0 10	14 55
S 21	19 41	2n18	2 16	12 41	2 14	11 40	1 35	8 54	1 37	19 59	0 7	17 0	2 27	23 31	0 10	14 55
S 22	19 54	8 57	1 0	12 47	2 18	12 5	1 35	8 38	1 34	19 59	0 7	16 59	2 27	23 31	0 10	14 56
M 23	20 7	15 17	0n22	12 57	2 20	12 30	1 34	8 23	1 32	19 59	0 7	16 58	2 26	23 31	0 10	14 57
T 24	20 19	20 48	1 43	13 10	2 21	12 55	1 33	8 8	1 29	20 0	0 7	16 57	2 26	23 31	0 10	14 57
W 25	20 31	24 57	2 58	13 26	2 21	13 19	1 32	7 52	1 27	20 0	0 7	16 56	2 26	23 31	0 10	14 58
T 26	20 43	27 18	4 0	13 45	2 20	13 43	1 31	7 37	1 24	20 0	0 7	16 55	2 26	23 31	0 10	14 58
F 27	20 54	27 36	4 44	14 6	2 18	14 7	1 30	7 21	1 22	20 1	0 7	16 54	2 26	23 31	0 10	14 59
S 28	21 5	25 58	5 8	14 29	2 15	14 31	1 29	7 5	1 19	20 1	0 8	16 53	2 26	23 31	0 10	15 0
S 29	21 16	22 42	5 13	14 53	2 11	14 54	1 27	6 50	1 17	20 2	0 8	16 52	2 26	23 31	0 10	15 0
M 30	21s26	18n17	4n59	15s18	2n 7	15s16	1n26	6s34	1s15	20n 3	0n 8	16n51	2s26	23n31	0n10	15s 1

Julian Day Number = 2677568.5, Delta T = 21m27s  
 Ecliptic obliquity = 23°21'39", Nutation = - 0°00'11  
 Ayanamsha: Fagan/Bradley = 33°23'46, Lahiri = 32°30'46

## ASTRODIENST EPHEMERIS for the year 2618

DECEMBER 2618

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 38 4	8♂11'20	6♂56	20♂ 3	17♂31	16♂49	0°R45	25°R59	29°R52	16♂ 9	1°R50	6°D13	4♂44	6♂ 0	24°R30	T 1
W 2	4 42 1	9°11'52	19°46	21°24	18°46	17°25	0♂42	25♂55	29♂50	16°11	1°II49	6♂14	4°41	6° 7	24♂27	W 2
T 3	4 45 57	10°12'27	2♂16	22°48	20° 1	18° 0	0°39	25°50	29°47	16°13	1°48	6°15	4°38	6°14	24°24	T 3
F 4	4 49 54	11°13'03	14°29	24°14	21°16	18°36	0°36	25°45	29°45	16°15	1°47	6°17	4°35	6°20	24°21	F 4
S 5	4 53 51	12°13'41	26°30	25°41	22°31	19°12	0°33	25°41	29°42	16°17	1°46	6°19	4°31	6°27	24°19	S 5
S 6	4 57 47	13°14'21	8♂23	27° 9	23°46	19°48	0°30	25°36	29°40	16°19	1°45	6°R19	4°28	6°34	24°16	S 6
M 7	5 1 44	14°15'02	20°12	28°38	25° 1	20°25	0°26	25°32	29°38	16°21	1°44	6°18	4°25	6°40	24°13	M 7
T 8	5 5 40	15°15'44	1♂59	0♂ 7	26°16	21° 1	0°22	25°27	29°35	16°23	1°42	6°15	4°22	6°47	24°10	T 8
W 9	5 9 37	16°16'28	13°48	1°38	27°31	21°38	0°19	25°23	29°33	16°25	1°41	6°10	4°19	6°54	24° 7	W 9
T 10	5 13 33	17°17'13	25°40	3° 9	28°46	22°15	0°14	25°19	29°30	16°27	1°40	6° 3	4°16	7° 0	24° 5	T 10
F 11	5 17 30	18°18'00	7♂36	4°40	0♂ 2	22°51	0°10	25°15	29°28	16°29	1°39	5°55	4°12	7° 7	24° 2	F 11
S 12	5 21 26	19°18'47	19°39	6°12	1°17	23°28	0° 6	25°10	29°25	16°31	1°38	5°46	4° 9	7°14	23°59	S 12
S 13	5 25 23	20°19'36	1♂49	7°44	2°32	24° 6	0° 1	25° 6	29°23	16°33	1°37	5°38	4° 6	7°20	23°57	S 13
M14	5 29 20	21°20'25	14°10	9°17	3°47	24°43	29♂56	25° 2	29°20	16°35	1°36	5°31	4° 3	7°27	23°54	M14
T 15	5 33 16	22°21'15	26°42	10°49	5° 2	25°20	29♂51	24°58	29°18	16°37	1°35	5°25	4° 0	7°34	23°52	T 15
W16	5 37 13	23°22'07	9♂30	12°22	6°18	25°58	29°46	24°54	29°15	16°39	1°34	5°22	3°57	7°40	23°49	W16
T 17	5 41 9	24°22'58	22°36	13°55	7°33	26°35	29°41	24°50	29°13	16°41	1°33	5°D21	3°53	7°47	23°47	T 17
F 18	5 45 6	25°23'51	6♂ 3	15°28	8°48	27°13	29°35	24°46	29°10	16°43	1°32	5°21	3°50	7°54	23°44	F 18
S 19	5 49 2	26°24'44	19°54	17° 1	10° 3	27°51	29°29	24°43	29° 8	16°44	1°31	5°22	3°47	8° 0	23°42	S 19
S 20	5 52 59	27°25'38	4♂ 9	18°34	11°19	28°28	29°24	24°39	29° 5	16°46	1°30	5°R23	3°44	8° 7	23°39	S 20
M21	5 56 55	28°26'33	18°47	20° 7	12°34	29° 6	29°18	24°35	29° 3	16°48	1°29	5°22	3°41	8°14	23°37	M21
T 22	6 0 52	29°27'28	3II45	21°40	13°49	29°44	29°12	24°32	29° 0	16°50	1°28	5°19	3°37	8°20	23°35	T 22
W23	6 4 49	0♂28'24	18°56	23°14	15° 4	0♂22	29° 5	24°28	28°57	16°52	1°27	5°14	3°34	8°27	23°32	W23
T 24	6 8 45	1°29'21	4♂ 9	24°47	16°20	1° 1	28°59	24°25	28°55	16°53	1°26	5° 6	3°31	8°34	23°30	T 24
F 25	6 12 42	2°30'19	19°14	26°21	17°35	1°39	28°53	24°22	28°52	16°55	1°25	4°57	3°28	8°40	23°28	F 25
S 26	6 16 38	3°31'18	4♂ 1	27°54	18°50	2°17	28°46	24°18	28°50	16°57	1°24	4°48	3°25	8°47	23°26	S 26
S 27	6 20 35	4°32'17	18°23	29°28	20° 6	2°56	28°39	24°15	28°47	16°58	1°23	4°39	3°22	8°54	23°24	S 27
M28	6 24 31	5°33'18	2♂16	1♂ 2	21°21	3°34	28°32	24°12	28°45	17° 0	1°22	4°32	3°18	9° 1	23°22	M28
T 29	6 28 28	6°34'19	15°38	2°36	22°36	4°13	28°25	24° 9	28°42	17° 2	1°21	4°28	3°15	9° 7	23°20	T 29
W30	6 32 25	7°35'21	28°33	4°10	23°52	4°51	28°18	24° 7	28°40	17° 3	1°21	4°26	3°12	9°14	23°18	W30
T 31	6 36 21	8♂36'23	11♂ 4	5♂44	25♂ 7	5♂30	28♂11	24♂ 4	28II37	17♂ 5	1II20	4°D25	3♂ 9	9♂21	23♂16	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	21s36	13n 7	4n30	15s44	2n 2	15s39	1n25	6s18	1s12	20n 3	0n 8	16n50	2s26	23n31	0n10	15s 1
W 2	21 45	7 32	3 48	16 11	1 56	16 1	1 23	6 2	1 10	20 4	0 8	16 49	2 26	23 31	0 10	15 2
T 3	21 54	1 47	2 56	16 38	1 51	16 22	1 22	5 46	1 8	20 5	0 8	16 48	2 25	23 31	0 10	15 3
F 4	22 3	3s54	1 57	17 4	1 45	16 43	1 21	5 30	1 6	20 6	0 8	16 47	2 25	23 32	0 10	15 3
S 5	22 11	9 21	0 53	17 31	1 38	17 4	1 19	5 14	1 3	20 6	0 9	16 46	2 25	23 32	0 10	15 4
S 6	22 19	14 26	0s11	17 58	1 32	17 24	1 17	4 58	1 1	20 7	0 9	16 45	2 25	23 32	0 10	15 4
M 7	22 26	18 56	1 15	18 24	1 25	17 44	1 16	4 41	0 59	20 8	0 9	16 44	2 25	23 32	0 10	15 5
T 8	22 33	22 42	2 15	18 50	1 18	18 3	1 14	4 25	0 57	20 9	0 9	16 43	2 25	23 32	0 10	15 5
W 9	22 39	25 31	3 9	19 16	1 11	18 22	1 12	4 9	0 55	20 10	0 9	16 42	2 25	23 32	0 10	15 6
T 10	22 45	27 13	3 56	19 40	1 4	18 41	1 10	3 52	0 53	20 11	0 9	16 41	2 24	23 32	0 10	15 6
F 11	22 51	27 40	4 32	20 4	0 57	18 58	1 9	3 36	0 51	20 12	0 10	16 41	2 24	23 32	0 10	15 7
S 12	22 56	26 49	4 56	20 28	0 50	19 16	1 7	3 20	0 49	20 13	0 10	16 40	2 24	23 32	0 10	15 8
S 13	23 1	24 41	5 7	20 50	0 42	19 32	1 5	3 3	0 47	20 14	0 10	16 39	2 24	23 32	0 10	15 8
M14	23 5	21 23	5 5	21 12	0 35	19 49	1 3	2 47	0 45	20 16	0 10	16 38	2 24	23 32	0 10	15 9
T 15	23 8	17 4	4 47	21 32	0 28	20 4	1 1	2 30	0 43	20 17	0 10	16 37	2 24	23 32	0 10	15 9
W16	23 12	11 56	4 15	21 52	0 20	20 20	0 59	2 14	0 41	20 18	0 10	16 37	2 23	23 32	0 10	15 10
T 17	23 15	6 8	3 30	22 11	0 13	20 34	0 57	1 57	0 39	20 19	0 10	16 36	2 23	23 32	0 10	15 10
F 18	23 17	0n 5	2 31	22 28	0 6	20 48	0 54	1 40	0 37	20 21	0 11	16 35	2 23	23 32	0 10	15 11
S 19	23 19	6 29	1 22	22 45	0s 1	21 1	0 52	1 24	0 35	20 22	0 11	16 34	2 23	23 32	0 10	15 11
S 20	23 20	12 45	0 7	23 0	0 8	21 14	0 50	1 7	0 33	20 23	0 11	16 34	2 23	23 32	0 10	15 12
M21	23 21	18 30	1n11	23 14	0 15	21 26	0 48	0 50	0 32	20 25	0 11	16 33	2 22	23 32	0 10	15 12
T 22	23 22	23 14	2 26	23 27	0 22	21 38	0 46	0 34	0 30	20 26	0 11	16 32	2 22	23 31	0 10	15 12
W23	23 22	26 25	3 32	23 39	0 28	21 49	0 43	0 17	0 28	20 28	0 11	16 32	2 22	23 31	0 10	15 13
T 24	23 21	27 40	4 22	23 50	0 35	21 59	0 41	0 0	0 26	20 29	0 12	16 31	2 22	23 31	0 10	15 13
F 25	23 20	26 50	4 54	24 0	0 41	22 9	0 39	0n17	0 25	20 30	0 12	16 31	2 22	23 31	0 10	15 14
S 26	23 19	24 7	5 5	24 8	0 47	22 17	0 36	0 33	0 23	20 32	0 12	16 30	2 21	23 31	0 10	15 14
S 27	23 17	19 58	4 56	24 15	0 53	22 26	0 34	0 50	0 21	20 33	0 12	16 30	2 21	23 31	0 10	15 15
M28	23 15	14 50	4 30	24 21	0 59	22 33	0 32	1 7	0 20	20 35	0 12	16 29	2 21	23 31	0 10	15 15
T 29	23 12	9 11	3 50	24 25	1 5	22 40	0 29	1 23	0 18	20 37	0 12	16 29	2 21	23 31	0 10	15 15
W30	23 9	3 19	2 59	24 28	1 11	22 47	0 27	1 40	0 17	20 38	0 12	16 28	2 20	23 31	0 10	15 16
T 31	23s 5	2s30	2n 1	24s30	1s16	22s52	0n24	1n57	0s15	20n40	0n13	16n28	2s20	23n31	0n10	15s16

Julian Day Number = 2677598.5, Delta T = 21m27s

Ecliptic obliquity = 23°21'39", Nutation = - 0°00'10"

Ayanamsha: Fagan/Bradley = 33°23'50", Lahiri = 32°30'50"

# ASTRODIENST EPHEMERIS for the year 2619

JANUARY 2619

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	6 40 18	9°37'27"	23°16'	7°19'	26°23'	6°9'	28°R 4	24°R 1	28°R35	17°M 6	1°R19	4°R26	3°R 6	9°27'	23°R14	F 1
S 2	6 44 14	10°38'32"	5°M15	8°53'	27°38'	6°47'	27°56'	23°R59	28°R32	17° 8	1°R18	4°R26	3° 3	9°34'	23°R12	S 2
S 3	6 48 11	11°39'37"	17° 5'	10°28'	28°53'	7°26'	27°49'	23°56'	28°30'	17° 9	1°17'	4°25'	2°59'	9°41'	23°10'	S 3
M 4	6 52 7	12°40'43"	28°52'	12° 3'	0°R 9	8° 5'	27°41'	23°54'	28°27'	17°11'	1°16'	4°22'	2°56'	9°47'	23° 9'	M 4
T 5	6 56 4	13°41'49"	10°27'39"	13°39'	1°24'	8°44'	27°34'	23°51'	28°25'	17°12'	1°16'	4°16'	2°53'	9°54'	23° 7'	T 5
W 6	7 0 0	14°42'56"	22°31'	15°14'	2°40'	9°23'	27°26'	23°49'	28°22'	17°14'	1°15'	4° 8'	2°50'	10° 1'	23° 5'	W 6
T 7	7 3 57	15°44'04"	4°R28	16°50'	3°55'	10° 2'	27°18'	23°47'	28°20'	17°15'	1°14'	3°56'	2°47'	10° 7'	23° 4'	T 7
F 8	7 7 54	16°45'12"	16°34'	18°27'	5°10'	10°41'	27°10'	23°45'	28°18'	17°16'	1°13'	3°43'	2°43'	10°14'	23° 2'	F 8
S 9	7 11 50	17°46'20"	28°49'	20° 3'	6°26'	11°21'	27° 2'	23°43'	28°15'	17°18'	1°12'	3°29'	2°40'	10°21'	23° 1'	S 9
S 10	7 15 47	18°47'28"	11°R13	21°40'	7°41'	12° 0'	26°54'	23°42'	28°13'	17°19'	1°12'	3°15'	2°37'	10°27'	22°59'	S 10
M11	7 19 43	19°48'36"	23°48'	23°17'	8°57'	12°39'	26°46'	23°40'	28°11'	17°20'	1°11'	3° 3'	2°34'	10°34'	22°58'	M11
T 12	7 23 40	20°49'44"	6°R33	24°54'	10°12'	13°19'	26°38'	23°38'	28° 8'	17°22'	1°10'	2°54'	2°31'	10°41'	22°57'	T 12
W13	7 27 36	21°50'52"	19°29'	26°32'	11°28'	13°58'	26°30'	23°37'	28° 6'	17°23'	1°10'	2°47'	2°28'	10°47'	22°56'	W13
T 14	7 31 33	22°52'00"	2°R39	28°10'	12°43'	14°37'	26°22'	23°36'	28° 4'	17°24'	1° 9'	2°43'	2°24'	10°54'	22°54'	T 14
F 15	7 35 29	23°53'08"	16° 3'	29°48'	13°58'	15°17'	26°14'	23°35'	28° 2'	17°25'	1° 8'	2°42'	2°21'	11° 1'	22°53'	F 15
S 16	7 39 26	24°54'15"	29°45'	1°R27	15°14'	15°56'	26° 6'	23°33'	27°59'	17°26'	1° 8'	2°42'	2°18'	11° 7'	22°52'	S 16
S 17	7 43 23	25°55'22"	13°R45	3° 6'	16°29'	16°36'	25°58'	23°32'	27°57'	17°27'	1° 7'	2°42'	2°15'	11°14'	22°51'	S 17
M18	7 47 19	26°56'29"	28° 4'	4°45'	17°45'	17°15'	25°50'	23°32'	27°55'	17°28'	1° 7'	2°40'	2°12'	11°21'	22°50'	M18
T 19	7 51 16	27°57'35"	12°R39	6°24'	19° 0'	17°55'	25°42'	23°31'	27°53'	17°29'	1° 6'	2°36'	2° 9'	11°27'	22°50'	T 19
W20	7 55 12	28°58'41"	27°28'	8° 4'	20°16'	18°35'	25°34'	23°30'	27°51'	17°30'	1° 6'	2°29'	2° 5'	11°34'	22°49'	W20
T 21	7 59 9	29°59'46"	12°R22	9°43'	21°31'	19°14'	25°26'	23°30'	27°49'	17°31'	1° 5'	2°19'	2° 2'	11°41'	22°48'	T 21
F 22	8 3 5	1°R52	27°14'	11°23'	22°46'	19°54'	25°18'	23°29'	27°47'	17°32'	1° 5'	2° 7'	1°59'	11°47'	22°47'	F 22
S 23	8 7 2	2° 1'57"	11°R53	13° 3'	24° 2'	20°34'	25°10'	23°29'	27°45'	17°33'	1° 4'	1°55'	1°56'	11°54'	22°47'	S 23
S 24	8 10 58	3° 3'01"	26°14'	14°42'	25°17'	21°13'	25° 2'	23°29'	27°43'	17°34'	1° 4'	1°43'	1°53'	12° 1'	22°46'	S 24
M25	8 14 55	4° 4'05"	10°R9	16°22'	26°33'	21°53'	24°54'	23°D28	27°41'	17°35'	1° 3'	1°33'	1°49'	12° 7'	22°46'	M25
T 26	8 18 52	5° 5'09"	23°36'	18° 1'	27°48'	22°33'	24°46'	23°28'	27°39'	17°36'	1° 3'	1°26'	1°46'	12°14'	22°45'	T 26
W27	8 22 48	6° 6'13"	6°R36	19°39'	29° 4'	23°13'	24°38'	23°29'	27°37'	17°36'	1° 2'	1°22'	1°43'	12°21'	22°45'	W27
T 28	8 26 45	7° 7'17"	19°12'	21°17'	0°R19	23°52'	24°30'	23°29'	27°35'	17°37'	1° 2'	1°20'	1°40'	12°27'	22°45'	T 28
F 29	8 30 41	8° 8'20"	1°R27	22°54'	1°34'	24°32'	24°22'	23°29'	27°34'	17°38'	1° 2'	1°20'	1°37'	12°34'	22°44'	F 29
S 30	8 34 38	9° 9'23"	13°28'	24°30'	2°50'	25°12'	24°15'	23°30'	27°32'	17°39'	1° 1'	1°20'	1°34'	12°41'	22°44'	S 30
S 31	8 38 34	10°R10'26"	25°R19	26°R 4	4°R 5	25°R52	24°R 7	23°R30	27°R30	17°R39	1°R 1	1°R19	1°R30	12°R47	22°R44	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	23s 1	8s 6	0n59	24s31	1s21	22s57	0n22	2n14	0s13	20n41	0n13	16n27	2s20	23n31	0n10	15s17
S 2	22 56	13 18	0s 4	24 30	1 26	23 1	0 19	2 30	0 12	20 43	0 13	16 27	2 20	23 31	0 10	15 17
S 3	22 51	17 57	1 7	24 28	1 31	23 5	0 17	2 47	0 10	20 45	0 13	16 27	2 19	23 31	0 10	15 17
M 4	22 46	21 53	2 6	24 24	1 36	23 7	0 14	3 4	0 9	20 46	0 13	16 26	2 19	23 31	0 10	15 18
T 5	22 40	24 56	3 0	24 19	1 40	23 9	0 12	3 20	0 7	20 48	0 13	16 26	2 19	23 31	0 10	15 18
W 6	22 33	26 55	3 46	24 13	1 44	23 11	0 9	3 37	0 6	20 50	0 13	16 26	2 19	23 31	0 10	15 18
T 7	22 26	27 39	4 22	24 5	1 48	23 11	0 7	3 54	0 5	20 51	0 14	16 25	2 18	23 31	0 10	15 19
F 8	22 19	27 5	4 47	23 56	1 51	23 11	0 4	4 10	0 3	20 53	0 14	16 25	2 18	23 31	0 10	15 19
S 9	22 11	25 13	4 59	23 45	1 54	23 10	0 2	4 27	0 2	20 55	0 14	16 25	2 18	23 31	0 10	15 19
S 10	22 3	22 7	4 58	23 33	1 57	23 9	0s 0	4 43	0 1	20 56	0 14	16 25	2 18	23 31	0 10	15 20
M11	21 54	17 58	4 41	23 20	2 0	23 7	0 3	5 0	0n 1	20 58	0 14	16 25	2 17	23 31	0 10	15 20
T 12	21 45	12 58	4 11	23 5	2 2	23 4	0 5	5 16	0 2	21 0	0 14	16 25	2 17	23 31	0 10	15 20
W13	21 36	7 20	3 27	22 49	2 4	23 0	0 8	5 33	0 3	21 1	0 14	16 24	2 17	23 31	0 10	15 21
T 14	21 26	1 16	2 32	22 31	2 6	22 56	0 10	5 49	0 5	21 3	0 15	16 24	2 16	23 31	0 10	15 21
F 15	21 15	4n58	1 27	22 12	2 7	22 50	0 13	6 5	0 6	21 5	0 15	16 24	2 16	23 31	0 10	15 21
S 16	21 5	11 6	0 16	21 51	2 8	22 45	0 15	6 22	0 7	21 6	0 15	16 24	2 16	23 31	0 10	15 21
S 17	20 54	16 50	0n58	21 29	2 8	22 38	0 17	6 38	0 8	21 8	0 15	16 24	2 16	23 31	0 10	15 22
M18	20 42	21 46	2 10	21 5	2 8	22 31	0 20	6 54	0 10	21 9	0 15	16 24	2 15	23 31	0 10	15 22
T 19	20 30	25 27	3 14	20 40	2 8	22 23	0 22	7 10	0 11	21 11	0 15	16 25	2 15	23 31	0 10	15 22
W20	20 18	27 27	4 6	20 14	2 7	22 15	0 25	7 27	0 12	21 13	0 15	16 25	2 15	23 31	0 10	15 22
T 21	20 5	27 38	4 42	19 46	2 5	22 5	0 27	7 43	0 13	21 14	0 16	16 25	2 14	23 31	0 10	15 23
F 22	19 52	25 32	4 59	19 17	2 3	21 55	0 29	7 59	0 14	21 16	0 16	16 25	2 14	23 31	0 10	15 23
S 23	19 39	21 54	4 55	18 47	2 1	21 45	0 31	8 15	0 15	21 18	0 16	16 25	2 14	23 31	0 10	15 23
S 24	19 25	17 1	4 33	18 15	1 58	21 34	0 34	8 31	0 17	21 19	0 16	16 25	2 14	23 31	0 10	15 23
M25	19 11	11 22	3 55	17 42	1 54	21 22	0 36	8 46	0 18	21 21	0 16	16 26	2 13	23 31	0 10	15 23
T 26	18 56	5 22	3 5	17 7	1 50	21 9	0 38	9 2	0 19	21 22	0 16	16 26	2 13	23 31	0 10	15 24
W27	18 41	0s40	2 7	16 32	1 45	20 56	0 40	9 18	0 20	21 24	0 16	16 26	2 13	23 31	0 10	15 24
T 28	18 26	6 30	1 4	15 56	1 39	20 42	0 42	9 33	0 21	21 25	0 16	16 27	2 12	23 31	0 10	15 24
F 29	18 10	11 57	0s 1	15 18	1 33	20 28	0 44	9 49	0 22	21 27	0 17	16 27	2 12	23 31	0 10	15 24
S 30	17 54	16 51	1 4	14 40	1 26	20 13	0 46	10 4	0 23	21 28	0 17	16 27	2 12	23 31	0 10	15 24
S 31	17s38	21s 2	2s 3	14s 1	1s18	19s57	0s48	10n20	0n24	21n30	0n17	16n28	2s12	23n31	0n10	15s24

Julian Day Number = 2677629.5, Delta T = 21m27s

Ecliptic obliquity = 23°21'39", Nutation = - 0°00'09"

Ayanamsha: Fagan/Bradley = 33°23'54", Lahiri = 32°30'54"

## ASTRODIENST EPHEMERIS for the year 2619

FEBRUARY 2619

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	8 42 31	11°11'29"	7°7'7"	27°36'	5°21'	26°32'	24°0'0"	23°31'	27°R28	17°40'	1°R 1	1°R16	1°R27	12°54'	22°R44	M 1
T 2	8 46 27	12°12'31"	18°57'	29°6'	6°36'	27°11'	23°52'	23°32'	27°II27	17°40'	1°II 0	1°II11	1°24'	13°1'	22°D44	T 2
W 3	8 50 24	13°13'33"	0°35'	0°33'	7°51'	27°51'	23°45'	23°32'	27°25'	17°41'	1°0'	1°0'3	1°21'	13°8'	22°R44	W 3
T 4	8 54 21	14°14'34"	12°55'	1°57'	9°7'	28°31'	23°38'	23°34'	27°24'	17°41'	1°0'	0°52'	1°18'	13°14'	22°44'	T 4
F 5	8 58 17	15°15'35"	25°11'	3°16'	10°22'	29°11'	23°31'	23°35'	27°22'	17°42'	1°0'	0°39'	1°15'	13°21'	22°44'	F 5
S 6	9 2 14	16°16'35"	7°39'	4°31'	11°38'	29°51'	23°24'	23°36'	27°21'	17°42'	0°59'	0°25'	1°11'	13°28'	22°44'	S 6
S 7	9 6 10	17°17'34"	20°20'	5°41'	12°53'	0°31'	23°17'	23°37'	27°19'	17°43'	0°59'	0°12'	1°8'	13°34'	22°45'	S 7
M 8	9 10 7	18°18'32"	3°14'	6°44'	14°8'	1°11'	23°10'	23°39'	27°18'	17°43'	0°59'	0°0'	1°5'	13°41'	22°45'	M 8
T 9	9 14 3	19°19'29"	16°20'	7°40'	15°24'	1°51'	23°4'	23°40'	27°17'	17°44'	0°59'	29°Y51	1°2'	13°48'	22°46'	T 9
W10	9 18 0	20°20'25"	29°36'	8°29'	16°39'	2°31'	22°57'	23°42'	27°16'	17°44'	0°59'	29°44'	0°59'	13°54'	22°46'	W10
T 11	9 21 56	21°21'20"	13°Y 2	9°9'	17°55'	3°11'	22°51'	23°44'	27°14'	17°44'	0°59'	29°40'	0°55'	14°1'	22°47'	T 11
F 12	9 25 53	22°22'14"	26°39'	9°39'	19°10'	3°51'	22°45'	23°46'	27°13'	17°44'	0°59'	29°D39	0°52'	14°8'	22°47'	F 12
S 13	9 29 50	23°23'07"	10°R25	9°59'	20°25'	4°31'	22°39'	23°48'	27°12'	17°45'	0°59'	29°39'	0°49'	14°14'	22°48'	S 13
S 14	9 33 46	24°23'58"	24°22'	10°R 9	21°41'	5°11'	22°33'	23°50'	27°11'	17°45'	0°D59	29°R40	0°46'	14°21'	22°49'	S 14
M15	9 37 43	25°24'48"	8°II29	10°8'	22°56'	5°51'	22°27'	23°52'	27°10'	17°45'	0°59'	29°39'	0°43'	14°28'	22°50'	M15
T 16	9 41 39	26°25'36"	22°45'	9°56'	24°11'	6°31'	22°22'	23°54'	27°9'	17°45'	0°59'	29°36'	0°40'	14°34'	22°50'	T 16
W17	9 45 36	27°26'23"	7°R 8	9°32'	25°27'	7°11'	22°16'	23°57'	27°8'	17°45'	0°59'	29°31'	0°36'	14°41'	22°51'	W17
T 18	9 49 32	28°27'09"	21°35'	8°58'	26°42'	7°51'	22°11'	23°59'	27°7'	17°R45	0°59'	29°23'	0°33'	14°48'	22°52'	T 18
F 19	9 53 29	29°27'53"	5°R59	8°15'	27°57'	8°31'	22°6'	24°2'	27°6'	17°45'	0°59'	29°14'	0°30'	14°54'	22°53'	F 19
S 20	9 57 26	0°R28'36"	20°15'	7°23'	29°12'	9°11'	22°1'	24°5'	27°6'	17°45'	0°59'	29°4'	0°27'	15°1'	22°54'	S 20
S 21	10 1 22	1°29'18"	4°R17	6°24'	0°R28	9°51'	21°56'	24°7'	27°5'	17°45'	0°59'	28°54'	0°24'	15°8'	22°56'	S 21
M22	10 5 19	2°29'58"	18°0'	5°19'	1°43'	10°31'	21°51'	24°10'	27°4'	17°45'	0°59'	28°46'	0°21'	15°14'	22°57'	M22
T 23	10 9 15	3°30'37"	1°R20	4°11'	2°58'	11°11'	21°47'	24°13'	27°4'	17°45'	1°0'	28°40'	0°17'	15°21'	22°58'	T 23
W24	10 13 12	4°31'15"	14°18'	3°1'	4°13'	11°51'	21°43'	24°17'	27°3'	17°44'	1°0'	28°37'	0°14'	15°28'	22°59'	W24
T 25	10 17 8	5°31'51"	26°55'	1°52'	5°29'	12°31'	21°39'	24°20'	27°3'	17°44'	1°0'	28°D36	0°11'	15°35'	23°1'	T 25
F 26	10 21 5	6°32'27"	9°R13	0°44'	6°44'	13°11'	21°35'	24°23'	27°2'	17°44'	1°0'	28°36'	0°8'	15°41'	23°2'	F 26
S 27	10 25 1	7°33'01"	21°17'	29°R39	7°59'	13°50'	21°31'	24°27'	27°2'	17°44'	1°1'	28°38'	0°5'	15°48'	23°4'	S 27
S 28	10 28 58	8°R33'34"	3°R11	28°R40	9°R14	14°R30	21°R27	24°R30	27°II 1	17°R43	1°II 1	28°R39	0°R 1	15°R55	23°R 5	S 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	17s22	24s20	2s57	13s21	1s 9	19s41	0s50	10n35	0n25	21n31	0n17	16n28	2s11	23n31	0n10	15s24	1n42
T 2	17 5 26 37	3 44	12 41	1 0	19 24	0 52	10 50	0 26	21 32	0 17	16 29	2 11	23 31	0 10	15 25	1 42	6 5 14 30
W 3	16 48 27 42	4 21	12 1	0 49	19 7	0 54	11 6	0 27	21 34	0 17	16 29	2 11	23 30	0 10	15 25	1 42	6 5 14 29
T 4	16 30 27 29	4 46	11 20	0 38	18 49	0 56	11 21	0 28	21 35	0 17	16 30	2 10	23 30	0 10	15 25	1 42	6 6 14 29
F 5	16 12 25 56	4 59	10 40	0 26	18 31	0 58	11 36	0 29	21 36	0 17	16 30	2 10	23 30	0 10	15 25	1 43	6 6 14 29
S 6	15 54 23 6	4 58	10 1	0 13	18 12	1 0	11 51	0 30	21 38	0 17	16 31	2 10	23 30	0 10	15 25	1 43	6 6 14 28
S 7	15 36 19 7	4 43	9 23	0n 1	17 52	1 1	12 6	0 30	21 39	0 18	16 31	2 10	23 30	0 10	15 25	1 43	6 6 14 28
M 8	15 18 14 12	4 12	8 46	0 15	17 32	1 3	12 20	0 31	21 40	0 18	16 32	2 9	23 30	0 10	15 25	1 43	6 7 14 28
T 9	14 59 8 35	3 28	8 11	0 31	17 12	1 4	12 35	0 32	21 41	0 18	16 33	2 9	23 30	0 10	15 25	1 43	6 7 14 28
W10	14 40 2 29	2 32	7 39	0 46	16 51	1 6	12 49	0 33	21 42	0 18	16 33	2 9	23 30	0 10	15 25	1 43	6 7 14 27
T 11	14 20 3n48	1 27	7 9	1 3	16 29	1 8	13 4	0 34	21 44	0 18	16 34	2 8	23 30	0 10	15 25	1 43	6 8 14 27
F 12	14 1 10 0	0 16	6 42	1 20	16 7	1 9	13 18	0 35	21 45	0 18	16 35	2 8	23 30	0 10	15 25	1 43	6 8 14 27
S 13	13 41 15 48	0n57	6 18	1 37	15 45	1 10	13 33	0 36	21 46	0 18	16 36	2 8	23 30	0 10	15 25	1 43	6 8 14 26
S 14	13 21 20 52	2 8	5 59	1 53	15 22	1 12	13 47	0 36	21 47	0 18	16 36	2 8	23 30	0 10	15 25	1 43	6 9 14 26
M15	13 0 24 48	3 11	5 44	2 10	14 59	1 13	14 1	0 37	21 48	0 18	16 37	2 7	23 30	0 10	15 25	1 43	6 9 14 26
T 16	12 40 27 13	4 4	5 34	2 26	14 35	1 14	14 15	0 38	21 49	0 18	16 38	2 7	23 30	0 10	15 25	1 43	6 9 14 25
W17	12 19 27 51	4 41	5 28	2 41	14 11	1 15	14 29	0 39	21 50	0 18	16 39	2 7	23 30	0 10	15 25	1 43	6 10 14 25
T 18	11 58 26 35	5 1	5 28	2 56	13 47	1 17	14 42	0 40	21 51	0 19	16 40	2 6	23 30	0 10	15 25	1 43	6 10 14 25
F 19	11 37 23 35	5 2	5 32	3 8	13 22	1 18	14 56	0 40	21 52	0 19	16 41	2 6	23 30	0 10	15 25	1 43	6 10 14 24
S 20	11 16 19 10	4 44	5 41	3 19	12 56	1 19	15 9	0 41	21 53	0 19	16 42	2 6	23 30	0 10	15 25	1 43	6 11 14 24
S 21	10 55 13 46	4 8	5 55	3 28	12 31	1 20	15 23	0 42	21 53	0 19	16 43	2 6	23 30	0 10	15 25	1 43	6 11 14 24
M22	10 33 7 48	3 20	6 12	3 35	12 5	1 21	15 36	0 42	21 54	0 19	16 44	2 5	23 30	0 10	15 25	1 44	6 11 14 23
T 23	10 11 1 37	2 21	6 32	3 39	11 39	1 21	15 49	0 43	21 55	0 19	16 45	2 5	23 30	0 10	15 24	1 44	6 12 14 23
W24	9 49 4s27	1 16	6 55	3 41	11 12	1 22	16 2	0 44	21 56	0 19	16 46	2 5	23 30	0 10	15 24	1 44	6 12 14 23
T 25	9 27 10 12	0 9	7 20	3 41	10 45	1 23	16 15	0 44	21 57	0 19	16 47	2 5	23 30	0 10	15 24	1 44	6 12 14 22
F 26	9 5 15 25	0s57	7 47	3 38	10 18	1 24	16 28	0 45	21 57	0 19	16 48	2 4	23 30	0 10	15 24	1 44	6 13 14 22
S 27	8 43 19 56	1 59	8 14	3 33	9 51	1 24	16 40	0 46	21 58	0 19	16 49	2 4	23 30	0 10	15 24	1 44	6 13 14 22
S 28	8s20	23s35	2s55	8s40	3n26	9s23	1s25	16n53	0n46	21n59	0n19	16n50	2s 4	23n30	0n10	15s24	1n44

Julian Day Number = 2677660.5, Delta T = 21m28s

Ecliptic obliquity = 23°21'40", Nutation = - 0°00'08"

Ayanamsha: Fagan/Bradley = 33°23'59", Lahiri = 32°30'59"

# ASTRODIENST EPHEMERIS for the year 2619

MARCH 2619

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	10 32 54	9°34'06	15°17'1	27°R46	10°H29	15°B10	21°R24	24°B34	27°R 1	17°R43	1°H 1	28°R39	29°Y58	16°A 1	23°B 7	M 1
T 2	10 36 51	10°34'37	26°52	27°A 0	11°45	15°50	21°B21	24°37	27°H 1	17°M43	1° 1	28°Y37	29°55	16° 8	23° 9	T 2
W 3	10 40 48	11°35'06	8°B49	26°20	13° 0	16°30	21°18	24°41	27° 1	17°42	1° 2	28°33	29°52	16°15	23°10	W 3
T 4	10 44 44	12°35'34	20°57	25°48	14°15	17°10	21°15	24°45	27° 0	17°42	1° 2	28°27	29°49	16°21	23°12	T 4
F 5	10 48 41	13°36'01	3°A18	25°23	15°30	17°50	21°12	24°49	27° 0	17°41	1° 3	28°20	29°46	16°28	23°14	F 5
S 6	10 52 37	14°36'27	15°56	25° 5	16°45	18°30	21°10	24°53	27°D 0	17°41	1° 3	28°12	29°42	16°35	23°16	S 6
S 7	10 56 34	15°36'50	28°51	24°55	18° 0	19°10	21° 8	24°57	27° 0	17°40	1° 3	28° 4	29°39	16°41	23°18	S 7
M 8	11 0 30	16°37'13	12°H 3	24°D52	19°15	19°50	21° 6	25° 2	27° 0	17°40	1° 4	27°57	29°36	16°48	23°20	M 8
T 9	11 4 27	17°37'33	25°32	24°56	20°30	20°30	21° 4	25° 6	27° 0	17°39	1° 4	27°52	29°33	16°55	23°22	T 9
W10	11 8 23	18°37'52	9°Y13	25° 6	21°45	21° 9	21° 2	25°10	27° 1	17°39	1° 5	27°48	29°30	17° 1	23°24	W10
T 11	11 12 20	19°38'09	23° 6	25°22	23° 0	21°49	21° 1	25°15	27° 1	17°38	1° 5	27°D47	29°27	17° 8	23°26	T 11
F 12	11 16 17	20°38'24	7°B 6	25°43	24°16	22°29	21° 0	25°20	27° 1	17°37	1° 6	27°47	29°23	17°15	23°29	F 12
S 13	11 20 13	21°38'38	21°11	26°10	25°31	23° 9	20°59	25°24	27° 2	17°36	1° 6	27°48	29°20	17°22	23°31	S 13
S 14	11 24 10	22°38'49	5°H19	26°42	26°46	23°49	20°58	25°29	27° 2	17°36	1° 7	27°50	29°17	17°28	23°33	S 14
M15	11 28 6	23°38'58	19°29	27°18	28° 0	24°29	20°57	25°34	27° 2	17°35	1° 8	27°R50	29°14	17°35	23°36	M15
T 16	11 32 3	24°39'06	3°B38	27°58	29°15	25° 8	20°57	25°39	27° 3	17°34	1° 8	27°50	29°11	17°42	23°38	T 16
W17	11 35 59	25°39'11	17°46	28°42	0°Y30	25°48	20°57	25°44	27° 3	17°33	1° 9	27°48	29° 7	17°48	23°40	W17
T 18	11 39 56	26°39'14	1°Q48	29°30	1°45	26°28	20°D57	25°49	27° 4	17°32	1°10	27°45	29° 4	17°55	23°43	T 18
F 19	11 43 52	27°39'15	15°45	0°H21	3° 0	27° 8	20°57	25°54	27° 5	17°32	1°10	27°41	29° 1	18° 2	23°45	F 19
S 20	11 47 49	28°39'13	29°31	1°15	4°15	27°47	20°57	25°59	27° 5	17°31	1°11	27°36	28°58	18° 8	23°48	S 20
S 21	11 51 46	29°39'10	13°H 5	2°12	5°30	28°27	20°58	26° 5	27° 6	17°30	1°12	27°32	28°55	18°15	23°51	S 21
M22	11 55 42	0°Y39'05	26°25	3°12	6°45	29° 7	20°59	26°10	27° 7	17°29	1°12	27°28	28°52	18°22	23°53	M22
T 23	11 59 39	1°38'57	9°A28	4°15	7°59	29°47	21° 0	26°16	27° 8	17°28	1°13	27°26	28°48	18°28	23°56	T 23
W24	12 3 35	2°38'48	22°14	5°20	9°14	0°H26	21° 1	26°21	27° 9	17°27	1°14	27°D25	28°45	18°35	23°59	W24
T 25	12 7 32	3°38'37	4°M44	6°27	10°29	1° 6	21° 2	26°27	27°10	17°26	1°15	27°25	28°42	18°42	24° 2	T 25
F 26	12 11 28	4°38'25	17° 0	7°37	11°44	1°45	21° 4	26°32	27°11	17°25	1°15	27°26	28°39	18°48	24° 5	F 26
S 27	12 15 25	5°38'11	29° 3	8°48	12°58	2°25	21° 5	26°38	27°12	17°23	1°16	27°27	28°36	18°55	24° 7	S 27
S 28	12 19 21	6°37'55	10°A59	10° 2	14°13	3° 5	21° 7	26°44	27°13	17°22	1°17	27°29	28°32	19° 2	24°10	S 28
M29	12 23 18	7°37'37	22°50	11°17	15°28	3°44	21° 9	26°50	27°14	17°21	1°18	27°30	28°29	19° 9	24°13	M29
T 30	12 27 15	8°37'18	4°B42	12°35	16°42	4°24	21°12	26°56	27°15	17°20	1°19	27°R31	28°26	19°15	24°16	T 30
W31	12 31 11	9°Y36'57	16°B39	13°H54	17°Y57	5°H 3	21°B14	27°B 2	27°H17	17°M19	1°H20	27°Y31	28°Y23	19°A22	24°B20	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	7s57	26s14	3s44	9s 6	3n18	8s55	1s25	17n 5	0n47	21n59	0n19	16n51	2s 3	23n30	0n10	M 1
T 2	7 35	27 42	4 22	9 32	3 8	8 27	1 25	17 17	0 48	22 0	0 20	16 52	2 3	23 30	0 10	T 2
W 3	7 12	27 54	4 50	9 55	2 57	7 59	1 26	17 29	0 48	22 0	0 20	16 53	2 3	23 30	0 10	W 3
T 4	6 49	26 46	5 5	10 17	2 45	7 30	1 26	17 41	0 49	22 1	0 20	16 55	2 3	23 30	0 10	T 4
F 5	6 26	24 20	5 10	10 37	2 33	7 1	1 26	17 53	0 49	22 1	0 20	16 56	2 3	23 30	0 10	F 5
S 6	6 3	20 41	4 54	10 55	2 20	6 32	1 26	18 5	0 50	22 2	0 20	16 57	2 2	23 30	0 10	S 6
S 7	5 39	15 59	4 25	11 11	2 6	6 3	1 27	18 16	0 51	22 2	0 20	16 58	2 2	23 30	0 10	S 7
M 8	5 16	10 26	3 42	11 25	1 53	5 34	1 27	18 28	0 51	22 2	0 20	17 0	2 2	23 30	0 10	M 8
T 9	4 52	4 19	2 46	11 37	1 39	5 5	1 26	18 39	0 52	22 3	0 20	17 1	2 1	23 30	0 10	T 9
W10	4 29	2n 7	1 39	11 46	1 26	4 35	1 26	18 50	0 52	22 3	0 20	17 2	2 1	23 30	0 10	W10
T 11	4 5	8 33	0 25	11 53	1 12	4 5	1 26	19 1	0 53	22 3	0 20	17 3	2 1	23 30	0 10	T 11
F 12	3 42	14 38	0n51	11 58	0 59	3 35	1 26	19 12	0 53	22 4	0 20	17 5	2 1	23 30	0 10	F 12
S 13	3 18	19 59	2 4	12 2	0 46	3 5	1 26	19 22	0 54	22 4	0 20	17 6	2 0	23 30	0 10	S 13
S 14	2 55	24 14	3 10	12 3	0 34	2 35	1 25	19 33	0 54	22 4	0 20	17 7	2 0	23 30	0 10	S 14
M15	2 31	27 1	4 5	12 2	0 21	2 5	1 25	19 43	0 55	22 4	0 20	17 9	2 0	23 30	0 10	M15
T 16	2 7	28 3	4 45	12 0	0 10	1 35	1 24	19 53	0 55	22 4	0 20	17 10	2 0	23 30	0 10	T 16
W17	1 43	27 16	5 7	11 55	0s 2	1 5	1 24	20 3	0 56	22 4	0 20	17 12	2 0	23 30	0 10	W17
T 18	1 20	24 45	5 11	11 49	0 13	0 35	1 23	20 13	0 56	22 4	0 21	17 13	1 59	23 30	0 10	T 18
F 19	0 56	20 47	4 57	11 41	0 24	0 4	1 22	20 22	0 57	22 4	0 21	17 14	1 59	23 30	0 10	F 19
S 20	0 32	15 45	4 25	11 31	0 34	0n26	1 22	20 32	0 57	22 4	0 21	17 16	1 59	23 30	0 10	S 20
S 21	0 8	10 0	3 39	11 20	0 44	0 56	1 21	20 41	0 58	22 4	0 21	17 17	1 59	23 30	0 10	S 21
M22	0n16	3 54	2 42	11 7	0 53	1 27	1 20	20 50	0 58	22 4	0 21	17 19	1 58	23 30	0 10	M22
T 23	0 39	2s15	1 37	10 53	1 2	1 57	1 19	20 59	0 59	22 4	0 21	17 20	1 58	23 30	0 10	T 23
W24	1 3	8 11	0 28	10 37	1 10	2 27	1 18	21 8	0 59	22 4	0 21	17 22	1 58	23 30	0 10	W24
T 25	1 27	13 41	0s40	10 20	1 18	2 57	1 17	21 17	0 59	22 4	0 21	17 23	1 58	23 30	0 10	T 25
F 26	1 50	18 33	1 46	10 1	1 26	3 27	1 16	21 25	1 0	22 4	0 21	17 25	1 58	23 30	0 10	F 26
S 27	2 14	22 34	2 46	9 41	1 33	3 58	1 15	21 34	1 0	22 4	0 21	17 26	1 57	23 30	0 10	S 27
S 28	2 37	25 36	3 37	9 19	1 40	4 28	1 14	21 42	1 1	22 3	0 21	17 28	1 57	23 30	0 10	S 28
M29	3 1	27 30	4 20	8 57	1 46	4 57	1 12	21 50	1 1	22 3	0 21	17 29	1 57	23 30	0 10	M29
T 30	3 24	28 8	4 51	8 33	1 52	5 27	1 11	21 57	1 1	22 3	0 21	17 31	1 57	23 30	0 10	T 30
W31	3n48	27s27	5s10	8s 7	1s57	5n57	1s10	22n 5	1n 2	22n 2	0n21	17n32	1s57	23n30	0n10	W31

Julian Day Number = 2677688.5, Delta T = 21m28s  
 Ecliptic obliquity = 23°21'40, Nutation = - 0°00'08  
 Ayanamsha: Fagan/Bradley = 33°24'02, Lahiri = 32°31'02

# ASTRODIENST EPHEMERIS for the year 2619

APRIL 2619

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 35 8	10°Y36'34	28°Z47	15°X15	19°Y12	5°II43	21°S17	27°B 8	27°II18	17°R18	1°II21	27°R30	28°Y20	19°Z29	24°B23	T 1
F 2	12 39 4	11°36'09	11°X 9	16°37	20°26	6°22	21°20	27°14	27°19	17°M16	1°22	27°Y28	28°17	19°35	24°26	F 2
S 3	12 43 1	12°35'43	23°50	18° 1	21°41	7° 2	21°23	27°20	27°21	17°15	1°22	27°26	28°13	19°42	24°29	S 3
S 4	12 46 57	13°35'15	6°X51	19°27	22°55	7°41	21°26	27°26	27°22	17°14	1°23	27°24	28°10	19°49	24°32	S 4
M 5	12 50 54	14°34'45	20°14	20°54	24°10	8°21	21°29	27°33	27°24	17°13	1°24	27°23	28° 7	19°55	24°35	M 5
T 6	12 54 50	15°34'13	3°Y59	22°22	25°25	9° 0	21°33	27°39	27°25	17°11	1°25	27°21	28° 4	20° 2	24°39	T 6
W 7	12 58 47	16°33'39	18° 2	23°52	26°39	9°40	21°36	27°46	27°27	17°10	1°26	27°21	28° 1	20° 9	24°42	W 7
T 8	13 2 43	17°33'03	2°B21	25°24	27°53	10°19	21°40	27°52	27°29	17° 9	1°27	27°D20	27°58	20°15	24°45	T 8
F 9	13 6 40	18°32'26	16°49	26°56	29° 8	10°59	21°45	27°59	27°30	17° 7	1°28	27°21	27°54	20°22	24°49	F 9
S 10	13 10 37	19°31'46	1°II22	28°31	0°B22	11°38	21°49	28° 5	27°32	17° 6	1°29	27°21	27°51	20°29	24°52	S 10
S 11	13 14 33	20°31'04	15°53	0°Y 7	1°37	12°18	21°53	28°12	27°34	17° 4	1°30	27°22	27°48	20°36	24°56	S 11
M12	13 18 30	21°30'19	0°S19	1°44	2°51	12°57	21°58	28°18	27°36	17° 3	1°32	27°23	27°45	20°42	24°59	M12
T13	13 22 26	22°29'33	14°35	3°22	4° 5	13°36	22° 3	28°25	27°38	17° 2	1°33	27°23	27°42	20°49	25° 3	T13
W14	13 26 23	23°28'44	28°39	5° 2	5°20	14°16	22° 8	28°32	27°40	17° 0	1°34	27°R23	27°38	20°56	25° 6	W14
T15	13 30 19	24°27'53	12°Q30	6°44	6°34	14°55	22°13	28°39	27°41	16°59	1°35	27°23	27°35	21° 2	25°10	T15
F16	13 34 16	25°26'59	26° 7	8°27	7°48	15°34	22°18	28°46	27°44	16°57	1°36	27°23	27°32	21° 9	25°13	F16
S17	13 38 13	26°26'03	9°M29	10°11	9° 3	16°13	22°23	28°52	27°46	16°56	1°37	27°22	27°29	21°16	25°17	S17
S18	13 42 9	27°25'05	22°38	11°57	10°17	16°53	22°29	28°59	27°48	16°54	1°38	27°D22	27°26	21°22	25°20	S18
M19	13 46 6	28°24'04	5°A32	13°44	11°31	17°32	22°35	29° 6	27°50	16°53	1°39	27°22	27°23	21°29	25°24	M19
T20	13 50 2	29°23'02	18°14	15°33	12°45	18°11	22°41	29°13	27°52	16°51	1°40	27°23	27°19	21°36	25°28	T20
W21	13 53 59	0°B21'57	0°M43	17°23	13°59	18°50	22°47	29°20	27°54	16°49	1°42	27°R23	27°16	21°43	25°31	W21
T22	13 57 55	1°20'51	13° 1	19°14	15°13	19°29	22°53	29°28	27°57	16°48	1°43	27°22	27°13	21°49	25°35	T22
F23	14 1 52	2°19'42	25° 9	21° 8	16°27	20° 9	22°59	29°35	27°59	16°46	1°44	27°22	27°10	21°56	25°39	F23
S24	14 5 48	3°18'32	7°X 9	23° 2	17°41	20°48	23° 6	29°42	28° 1	16°45	1°45	27°21	27° 7	22° 3	25°43	S24
S25	14 9 45	4°17'20	19° 3	24°58	18°55	21°27	23°12	29°49	28° 4	16°43	1°46	27°20	27° 4	22° 9	25°46	S25
M26	14 13 41	5°16'07	0°B54	26°56	20° 9	22° 6	23°19	29°56	28° 6	16°42	1°48	27°19	27° 0	22°16	25°50	M26
T27	14 17 38	6°14'51	12°46	28°55	21°23	22°45	23°26	0°II 4	28° 8	16°40	1°49	27°19	26°57	22°23	25°54	T27
W28	14 21 35	7°13'34	24°43	0°B56	22°37	23°24	23°33	0°11	28°11	16°38	1°50	27°18	26°54	22°29	25°58	W28
T29	14 25 31	8°12'15	6°X49	2°58	23°51	24° 3	23°41	0°18	28°13	16°37	1°51	27°D17	26°51	22°36	26° 2	T29
F30	14 29 28	9°B10'55	19°X 9	5°B 1	25°B 5	24°II42	23°S48	0°II26	28°II16	16°M35	1°II53	27°Y18	26°Y48	22°X43	26°B 6	F30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	4n11	25s29	5s16	7s41	2s 2	6n26	1s 8	22n12	1n 2	22n 2	0n21	17n34	1s56	23n30	0n10	15s15
F 2	4 34	22 17	5 7	7 13	2 7	6 56	1 7	22 20	1 2	22 2	0 21	17 35	1 56	23 30	0 10	15 15
S 3	4 58	17 59	4 43	6 44	2 11	7 25	1 5	22 27	1 3	22 1	0 21	17 37	1 56	23 30	0 10	15 14
S 4	5 21	12 45	4 4	6 13	2 14	7 54	1 3	22 34	1 3	22 1	0 21	17 39	1 56	23 30	0 10	15 14
M 5	5 44	6 47	3 11	5 42	2 17	8 23	1 2	22 40	1 3	22 0	0 21	17 40	1 56	23 31	0 10	15 14
T 6	6 7	0 21	2 6	5 10	2 20	8 52	1 0	22 47	1 4	22 0	0 21	17 42	1 55	23 31	0 10	15 13
W 7	6 29	6n16	0 51	4 36	2 22	9 20	0 58	22 53	1 4	21 59	0 21	17 43	1 55	23 31	0 10	15 13
T 8	6 52	12 41	0n28	4 2	2 24	9 49	0 56	22 59	1 4	21 59	0 22	17 45	1 55	23 31	0 10	15 12
F 9	7 15	18 30	1 46	3 26	2 25	10 17	0 55	23 5	1 5	21 58	0 22	17 47	1 55	23 31	0 10	15 12
S 10	7 37	23 16	2 58	2 49	2 26	10 45	0 53	23 11	1 5	21 57	0 22	17 48	1 55	23 31	0 10	15 12
S 11	7 59	26 33	3 58	2 11	2 26	11 12	0 51	23 16	1 5	21 57	0 22	17 50	1 55	23 31	0 10	15 11
M12	8 22	28 4	4 43	1 33	2 26	11 39	0 49	23 22	1 6	21 56	0 22	17 51	1 54	23 31	0 10	15 11
T13	8 44	27 41	5 9	0 53	2 25	12 6	0 47	23 27	1 6	21 55	0 22	17 53	1 54	23 31	0 10	15 10
W14	9 5	25 32	5 17	0 13	2 24	12 33	0 45	23 32	1 6	21 55	0 22	17 55	1 54	23 31	0 10	15 10
T15	9 27	21 53	5 6	0n29	2 22	13 0	0 43	23 37	1 6	21 54	0 22	17 56	1 54	23 31	0 10	15 9
F16	9 49	17 8	4 38	1 11	2 20	13 26	0 41	23 41	1 7	21 53	0 22	17 58	1 54	23 31	0 10	15 9
S17	10 10	11 37	3 56	1 55	2 18	13 51	0 38	23 46	1 7	21 52	0 22	18 0	1 54	23 31	0 10	15 9
S18	10 31	5 41	3 1	2 39	2 14	14 17	0 36	23 50	1 7	21 51	0 22	18 1	1 53	23 31	0 10	15 8
M19	10 52	0s23	1 58	3 23	2 11	14 42	0 34	23 54	1 7	21 50	0 22	18 3	1 53	23 31	0 10	15 8
T20	11 13	6 21	0 51	4 9	2 7	15 7	0 32	23 58	1 8	21 49	0 22	18 5	1 53	23 31	0 10	15 7
W21	11 34	11 59	0s19	4 55	2 2	15 31	0 29	24 1	1 8	21 48	0 22	18 6	1 53	23 31	0 10	15 7
T22	11 54	17 3	1 26	5 42	1 57	15 55	0 27	24 5	1 8	21 47	0 22	18 8	1 53	23 31	0 10	15 6
F23	12 15	21 23	2 28	6 30	1 51	16 19	0 25	24 8	1 8	21 46	0 22	18 9	1 53	23 31	0 10	15 6
S24	12 35	24 46	3 23	7 18	1 45	16 42	0 22	24 11	1 9	21 45	0 22	18 11	1 53	23 31	0 10	15 5
S25	12 54	27 3	4 9	8 6	1 39	17 4	0 20	24 14	1 9	21 44	0 22	18 13	1 53	23 31	0 10	15 5
M26	13 14	28 5	4 44	8 55	1 32	17 27	0 17	24 16	1 9	21 43	0 22	18 14	1 52	23 31	0 10	15 5
T27	13 34	27 50	5 6	9 45	1 24	17 49	0 15	24 19	1 9	21 42	0 22	18 16	1 52	23 31	0 10	15 4
W28	13 53	26 18	5 16	10 34	1 16	18 10	0 12	24 21	1 9	21 41	0 22	18 18	1 52	23 31	0 10	15 4
T29	14 12	23 32	5 12	11 24	1 8	18 31	0 10	24 23	1 10	21 40	0 22	18 19	1 52	23 31	0 10	15 3
F30	14n30	19s41	4s54	12n14	0s59	18n51	0s 7	24n25	1n10	21n38	0n22	18n21	1s52	23n31	0n10	15s 3

Julian Day Number = 2677719.5, Delta T = 21m28s  
 Ecliptic obliquity = 23°21'40, Nutation = - 0°00'08  
 Ayanamsha: Fagan/Bradley = 33°24'07, Lahiri = 32°31'07



## ASTRODIENST EPHEMERIS for the year 2619

JUNE 2619

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 35 38	10°12'30	20°11'11	2°33'33	4°28'14	15°22'22	28°28'46	4°11'29	29°11'54	15°R44	2°11'35	26°R36	25°11'06	26°17'17	28°13'13	T 1
W 2	16 39 34	11°10'16	4°28'24	3°31'19	5°27'22	16°0'0	28°56'0	4°37'29	29°57'15	15°M43	2°37'26	26°Y36	25°3'0	26°24'28	28°17'17	W 2
T 3	16 43 31	12°8'00	19°2'4	4°26'19	6°40'24	16°39'0	29°7'7	4°45'0	0°0'0	15°41'0	2°38'26	26°34'26	25°0'3	26°31'28	28°21'17	T 3
F 4	16 47 27	13°5'44	4°11'1	5°16'5	7°53'17	17°17'0	29°19'0	4°53'0	0°4'4	15°40'0	2°39'26	26°30'24	24°56'26	26°37'28	28°25'17	F 4
S 5	16 51 24	14°3'27	19°14'0	6°1'9	9°5'5	17°56'0	29°30'0	5°0'0	0°7'7	15°39'0	2°41'26	26°24'24	24°53'26	26°44'28	28°29'17	S 5
S 6	16 55 20	15°1'08	4°28'29	6°43'10	10°18'18	18°34'0	29°41'0	5°8'8	0°11'15	15°37'2	2°42'26	26°17'24	24°50'26	26°51'28	28°33'17	S 6
M 7	16 59 17	15°58'49	19°35'0	7°20'11	11°31'19	19°12'0	29°52'0	5°15'0	0°14'15	15°36'2	2°43'26	26°10'24	24°47'26	26°58'28	28°37'17	M 7
T 8	17 3 13	16°56'27	4°28'25	7°52'12	12°44'19	19°51'0	0°0'4	5°23'0	0°18'18	15°35'2	2°45'26	26°3'24	24°44'27	27°4'28	28°41'17	T 8
W 9	17 7 10	17°54'05	18°50'0	8°20'13	13°56'20	20°29'0	0°15'5	5°31'0	0°21'15	15°33'2	2°46'25	25°58'24	24°41'27	27°11'28	28°45'17	W 9
T 10	17 11 7	18°51'40	2°11'48	8°43'15	15°9'21	21°8'0	0°27'0	5°38'0	0°25'15	15°32'2	2°47'25	25°55'24	24°37'27	27°18'28	28°49'17	T 10
F 11	17 15 3	19°49'15	16°19'0	9°2'16	16°22'21	21°46'0	0°38'5	5°46'0	0°28'15	15°31'2	2°48'25	25°D54	24°34'27	27°24'28	28°52'17	F 11
S 12	17 19 0	20°46'48	29°25'0	9°16'17	17°34'22	22°24'0	0°50'0	5°53'0	0°32'15	15°29'2	2°50'25	25°54'24	24°31'27	27°31'28	28°56'17	S 12
S 13	17 22 56	21°44'19	12°28'8	9°26'18	18°47'23	23°3'1	1°2'6	6°1'0	0°35'15	15°28'2	2°51'25	25°55'24	24°28'27	27°38'29	29°0'0	S 13
M14	17 26 53	22°41'50	24°34'8	9°30'19	19°59'23	24°1'0	1°13'6	6°8'0	0°39'15	15°27'2	2°52'25	25°R56	24°25'27	27°44'29	29°4'4	M14
T 15	17 30 49	23°39'19	6°11'47	9°R31	21°12'24	19°1'25	6°16'0	6°16'0	0°42'15	15°26'2	2°54'25	25°55'24	24°22'27	27°51'29	29°8'8	T 15
W16	17 34 46	24°36'47	18°50'0	9°26'22	22°24'24	24°58'1	1°37'6	6°23'0	0°46'15	15°24'2	2°55'25	25°52'24	24°18'27	27°58'29	29°11'17	W16
T 17	17 38 42	25°34'14	0°11'47	9°18'23	23°36'25	25°36'1	1°49'6	6°31'0	0°49'15	15°23'2	2°56'25	25°47'24	24°15'28	28°5'29	29°15'17	T 17
F 18	17 42 39	26°31'40	12°40'0	9°5'24	24°49'26	26°14'2	2°1'6	6°38'0	0°53'15	15°22'2	2°57'25	25°40'24	24°12'28	28°11'29	29°19'18	F 18
S 19	17 46 36	27°29'05	24°31'0	8°48'26	26°1'26	26°52'2	2°13'6	6°46'0	0°56'15	15°21'2	2°59'25	25°30'24	24°9'28	28°18'29	29°22'17	S 19
S 20	17 50 32	28°26'30	6°23'23	8°28'27	27°13'27	27°31'2	2°25'6	6°53'1	1°0'15	15°20'2	3°0'25	25°19'24	24°6'28	28°25'29	29°26'17	S 20
M21	17 54 29	29°23'53	18°17'8	8°4'28	28°25'28	28°9'2	2°37'7	7°0'1	1°4'15	15°19'2	3°1'25	25°7'24	24°2'28	28°31'29	29°30'17	M21
T 22	17 58 25	0°21'16	0°11'14	7°37'0	29°37'28	28°47'2	2°50'7	7°8'0	1°7'15	15°18'2	3°2'24	24°56'23	23°59'28	28°38'29	29°33'17	T 22
W23	18 2 22	1°18'38	12°17'7	7°8'0	0°14'29	29°25'3	3°2'7	7°15'1	1°11'15	15°17'2	3°4'24	24°46'23	23°56'28	28°45'29	29°37'17	W23
T 24	18 6 18	2°16'00	24°26'6	6°37'2	1°0'3	0°0'3	3°14'7	7°22'2	1°14'15	15°16'2	3°5'24	24°38'23	23°53'28	28°52'29	29°40'17	T 24
F 25	18 10 15	3°13'21	6°11'46	6°4'3	3°13'0	0°42'3	3°27'7	7°30'1	1°18'15	15°15'2	3°6'24	24°32'23	23°50'28	28°58'29	29°44'17	F 25
S 26	18 14 12	4°10'42	19°20'0	5°30'4	4°25'1	1°20'3	3°39'7	7°37'1	1°21'15	15°14'2	3°7'24	24°29'23	23°47'29	29°5'29	29°47'17	S 26
S 27	18 18 8	5°8'02	2°11'11	4°56'5	5°37'6	1°58'2	3°51'4	7°44'7	1°25'15	15°13'2	3°8'24	24°D28	23°43'29	29°12'29	29°51'17	S 27
M28	18 22 5	6°5'22	15°24'0	4°22'6	6°49'2	2°36'4	4°0'7	7°51'1	1°29'15	15°12'2	3°10'24	24°28'23	23°40'29	29°18'29	29°54'17	M28
T 29	18 26 1	7°2'41	29°1'0	3°49'8	1°3'4	3°14'7	4°17'5	7°58'1	1°32'15	15°11'2	3°11'24	24°R28	23°37'29	29°25'29	29°58'17	T 29
W30	18 29 58	8°0'01	13°13'5	3°28'18	9°13'0	3°12'5	4°12'9	8°11'5	1°36'15	15°10'2	3°11'24	24°Y27	23°Y34	29°13'32	0°11'1	W30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	21n54	7n20	0s35	25n26	2n 6	24n28	1n11	23n41	1n13	20n44	0n24	19n10	1s50	23n32	0n11	14s48
W 2	22 3 13 36	0n42	25 19	2 0	24 28	1 13	23 37	1 13	20 41	0 24	19 12	1 49	23 32	0 11	14 48	1 46
T 3	22 10 19 19	1 58	25 10	1 53	24 27	1 15	23 32	1 13	20 39	0 24	19 13	1 49	23 32	0 11	14 48	1 46
F 4	22 18 23 58	3 8	25 1	1 45	24 24	1 17	23 27	1 13	20 37	0 24	19 15	1 49	23 32	0 11	14 47	1 46
S 5	22 25 27 0	4 5	24 50	1 37	24 22	1 19	23 22	1 13	20 35	0 24	19 16	1 49	23 32	0 11	14 47	1 46
S 6	22 31 28 2	4 45	24 38	1 27	24 18	1 21	23 17	1 13	20 32	0 24	19 17	1 49	23 32	0 11	14 47	1 46
M 7	22 38 26 58	5 5	24 26	1 17	24 14	1 23	23 12	1 13	20 30	0 24	19 19	1 49	23 32	0 11	14 46	1 46
T 8	22 43 24 0	5 4	24 13	1 5	24 9	1 24	23 6	1 13	20 28	0 24	19 20	1 49	23 32	0 11	14 46	1 46
W 9	22 49 19 37	4 43	23 59	0 53	24 4	1 26	23 1	1 13	20 25	0 24	19 22	1 49	23 32	0 11	14 45	1 46
T 10	22 54 14 16	4 6	23 45	0 40	23 57	1 28	22 55	1 13	20 23	0 24	19 23	1 49	23 32	0 11	14 45	1 46
F 11	22 58 8 24	3 16	23 30	0 26	23 51	1 29	22 49	1 13	20 20	0 24	19 24	1 49	23 32	0 11	14 45	1 46
S 12	23 3 2 20	2 17	23 14	0 12	23 43	1 31	22 43	1 13	20 18	0 24	19 25	1 49	23 32	0 11	14 44	1 46
S 13	23 6 3s39	1 13	22 59	0s 3	23 35	1 32	22 36	1 13	20 15	0 24	19 27	1 49	23 32	0 11	14 44	1 46
M14	23 10 9 23	0 7	22 43	0 19	23 26	1 34	22 30	1 13	20 13	0 24	19 28	1 49	23 32	0 11	14 44	1 46
T 15	23 13 14 39	0s58	22 26	0 35	23 16	1 35	22 23	1 13	20 10	0 24	19 29	1 49	23 32	0 11	14 43	1 45
W16	23 15 19 17	1 59	22 10	0 52	23 6	1 37	22 16	1 13	20 8	0 24	19 31	1 49	23 32	0 11	14 43	1 45
T 17	23 17 23 6	2 55	21 54	1 9	22 55	1 38	22 9	1 13	20 5	0 24	19 32	1 49	23 32	0 11	14 43	1 45
F 18	23 19 25 55	3 42	21 38	1 26	22 43	1 39	22 2	1 13	20 3	0 24	19 33	1 49	23 32	0 11	14 43	1 45
S 19	23 20 27 35	4 20	21 21	1 43	22 31	1 40	21 55	1 13	20 0	0 25	19 34	1 49	23 32	0 11	14 42	1 45
S 20	23 21 27 58	4 46	21 6	2 0	22 18	1 41	21 47	1 13	19 57	0 25	19 35	1 49	23 32	0 11	14 42	1 45
M21	23 22 27 4	5 0	20 50	2 17	22 5	1 42	21 40	1 13	19 55	0 25	19 37	1 49	23 32	0 11	14 42	1 45
T 22	23 22 24 56	5 1	20 35	2 34	21 51	1 43	21 32	1 13	19 52	0 25	19 38	1 49	23 32	0 11	14 41	1 45
W23	23 21 21 40	4 49	20 20	2 50	21 36	1 44	21 24	1 13	19 49	0 25	19 39	1 49	23 32	0 11	14 41	1 45
T 24	23 20 17 28	4 23	20 6	3 6	21 21	1 45	21 16	1 13	19 46	0 25	19 40	1 49	23 32	0 11	14 41	1 45
F 25	23 19 12 28	3 45	19 53	3 20	21 5	1 45	21 7	1 13	19 43	0 25	19 41	1 49	23 32	0 11	14 41	1 45
S 26	23 18 6 53	2 55	19 41	3 34	20 49	1 46	20 59	1 13	19 41	0 25	19 42	1 49	23 32	0 11	14 41	1 45
S 27	23 16 0 54	1 55	19 29	3 47	20 32	1 47	20 50	1 13	19 38	0 25	19 44	1 50	23 32	0 11	14 40	1 45
M28	23 13 5n18	0 48	19 19	3 59	20 14	1 47	20 42	1 13	19 35	0 25	19 45	1 50	23 32	0 11	14 40	1 45
T 29	23 10 11 28	0n24	19 10	4 9	19 56	1 47	20 33	1 13	19 32	0 25	19 46	1 50	23 32	0 11	14 40	1 45
W30	23n 7	17n15	1n37	19n 2	4s18	19n37	1n48	20n24	1n13	19n29	0n25	19n47	1s50	23n32	0n11	14s40

Julian Day Number = 2677780.5, Delta T = 21m29s

Ecliptic obliquity = 23°21'40, Nutation = - 0°00'08

Ayanamsha: Fagan/Bradley = 33°24'15, Lahiri = 32°31'15

## ASTRODIENST EPHEMERIS for the year 2619

JULY 2619

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 33 54	8°57'20	27°35	2°R48	10°25	4°31	4°42	8°12	1°39	15°R10	3°13	24°R24	23°Y31	29°39	0°II 5	T 1
F 2	18 37 51	9°54'39	12°28	2°21	11°36	5° 9	4°54	8°19	1°43	15° 9	3°14	24°Y18	23°28	29°45	0° 8	F 2
S 3	18 41 47	10°51'58	27°38	1°56	12°48	5°47	5° 7	8°26	1°46	15° 8	3°15	24°10	23°24	29°52	0°11	S 3
S 4	18 45 44	11°49'17	12°55	1°35	14° 0	6°25	5°20	8°33	1°50	15° 7	3°16	24° 0	23°21	29°59	0°14	S 4
M 5	18 49 41	12°46'35	28° 8	1°18	15°11	7° 3	5°33	8°40	1°53	15° 7	3°17	23°49	23°18	0°3 5	0°18	M 5
T 6	18 53 37	13°43'52	13° 6	1° 4	16°23	7°41	5°46	8°47	1°57	15° 6	3°19	23°40	23°15	0°12	0°21	T 6
W 7	18 57 34	14°41'09	27°41	0°55	17°34	8°19	5°58	8°54	2° 0	15° 5	3°20	23°31	23°12	0°19	0°24	W 7
T 8	19 1 30	15°38'26	11°48	0°50	18°46	8°57	6°11	9° 0	2° 4	15° 5	3°21	23°26	23° 8	0°26	0°27	T 8
F 9	19 5 27	16°35'42	25°24	0°D50	19°57	9°35	6°24	9° 7	2° 7	15° 4	3°22	23°23	23° 5	0°32	0°30	F 9
S 10	19 9 23	17°32'57	8°33	0°54	21° 8	10°14	6°37	9°14	2°11	15° 3	3°23	23°21	23° 2	0°39	0°33	S 10
S 11	19 13 20	18°30'12	21°17	1° 4	22°19	10°52	6°50	9°20	2°14	15° 3	3°24	23°21	22°59	0°46	0°36	S 11
M12	19 17 16	19°27'26	3°41	1°18	23°31	11°30	7° 3	9°27	2°18	15° 2	3°25	23°21	22°56	0°52	0°39	M12
T 13	19 21 13	20°24'40	15°50	1°37	24°42	12° 8	7°16	9°33	2°21	15° 2	3°26	23°20	22°53	0°59	0°42	T 13
W14	19 25 10	21°21'54	27°48	2° 1	25°53	12°46	7°29	9°40	2°24	15° 1	3°27	23°16	22°49	1° 6	0°45	W14
T 15	19 29 6	22°19'08	9°41	2°30	27° 4	13°24	7°42	9°46	2°28	15° 1	3°28	23°10	22°46	1°13	0°48	T 15
F 16	19 33 3	23°16'21	21°32	3° 4	28°15	14° 2	7°56	9°52	2°31	15° 1	3°29	23° 1	22°43	1°19	0°51	F 16
S 17	19 36 59	24°13'34	3°23	3°43	29°26	14°40	8° 9	9°59	2°35	15° 0	3°30	22°50	22°40	1°26	0°54	S 17
S 18	19 40 56	25°10'47	15°18	4°26	0°36	15°18	8°22	10° 5	2°38	15° 0	3°30	22°37	22°37	1°33	0°56	S 18
M19	19 44 52	26° 8'01	27°17	5°15	1°47	15°56	8°35	10°11	2°41	15° 0	3°31	22°23	22°34	1°39	0°59	M19
T 20	19 48 49	27° 5'14	9°21	6° 8	2°58	16°34	8°48	10°17	2°45	14°59	3°32	22°10	22°30	1°46	1° 2	T 20
W21	19 52 45	28° 2'27	21°33	7° 6	4° 8	17°12	9° 1	10°23	2°48	14°59	3°33	21°58	22°27	1°53	1° 4	W21
T 22	19 56 42	28°59'41	3°52	8° 8	5°19	17°50	9°15	10°29	2°51	14°59	3°34	21°49	22°24	2° 0	1° 7	T 22
F 23	20 0 39	29°56'55	16°21	9°15	6°29	18°28	9°28	10°35	2°55	14°59	3°35	21°42	22°21	2° 6	1° 9	F 23
S 24	20 4 35	0°54'09	29° 2	10°26	7°40	19° 6	9°41	10°41	2°58	14°59	3°36	21°38	22°18	2°13	1°12	S 24
S 25	20 8 32	1°51'24	11°Y58	11°42	8°50	19°44	9°54	10°47	3° 1	14°59	3°36	21°37	22°14	2°20	1°14	S 25
M26	20 12 28	2°48'39	25°10	13° 2	10° 0	20°22	10° 8	10°53	3° 4	14°59	3°37	21°D36	22°11	2°26	1°17	M26
T 27	20 16 25	3°45'55	8°43	14°27	11°10	21° 0	10°21	10°58	3° 7	14°59	3°38	21°R36	22° 8	2°33	1°19	T 27
W28	20 20 21	4°43'11	22°38	15°55	12°21	21°38	10°34	11° 4	3°11	14°D59	3°39	21°35	22° 5	2°40	1°21	W28
T 29	20 24 18	5°40'29	6°II55	17°28	13°31	22°16	10°48	11°10	3°14	14°59	3°39	21°33	22° 2	2°47	1°24	T 29
F 30	20 28 14	6°37'47	21°34	19° 5	14°41	22°54	11° 1	11°15	3°17	14°59	3°40	21°27	21°59	2°53	1°26	F 30
S 31	20 32 11	7°35'06	6°29	20°45	15°50	23°32	11°14	11°II21	3°20	14°59	3°41	21°Y19	21°Y55	3° 0	1°II28	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	23n 4	22n15	2n46	18n55	4s25	19n18	1n48	20n15	1n13	19n26	0n25	19n48	1s50	23n32	0n11	14s39
F 2	23 0 25 56	3 45	18 49	4 31	18 59	1 48	20 6	1 13	19 23	0 25	19 49	1 50	23 32	0 11	14 39	1 45
S 3	22 55 27 50	4 30	18 45	4 36	18 39	1 48	19 56	1 13	19 20	0 25	19 50	1 50	23 32	0 11	14 39	1 45
S 4	22 50 27 38	4 55	18 42	4 39	18 18	1 48	19 47	1 12	19 17	0 25	19 51	1 50	23 32	0 11	14 39	1 45
M 5	22 45 25 22	5 0	18 41	4 40	17 57	1 48	19 37	1 12	19 14	0 25	19 52	1 50	23 32	0 11	14 39	1 45
T 6	22 39 21 22	4 44	18 41	4 41	17 36	1 48	19 27	1 12	19 11	0 25	19 53	1 50	23 32	0 11	14 39	1 45
W 7	22 33 16 8	4 10	18 42	4 40	17 14	1 48	19 17	1 12	19 8	0 26	19 54	1 50	23 32	0 11	14 39	1 45
T 8	22 27 10 13	3 21	18 44	4 37	16 51	1 47	19 7	1 12	19 5	0 26	19 55	1 50	23 32	0 11	14 38	1 44
F 9	22 20 4 0	2 22	18 48	4 33	16 28	1 47	18 57	1 12	19 1	0 26	19 56	1 50	23 32	0 11	14 38	1 44
S 10	22 13 2s11	1 17	18 53	4 28	16 5	1 46	18 47	1 12	18 58	0 26	19 57	1 50	23 31	0 11	14 38	1 44
S 11	22 5 8 6	0 11	18 59	4 22	15 42	1 46	18 36	1 12	18 55	0 26	19 58	1 50	23 31	0 11	14 38	1 44
M12	21 57 13 33	0s54	19 6	4 15	15 18	1 45	18 26	1 12	18 52	0 26	19 59	1 50	23 31	0 11	14 38	1 44
T 13	21 49 18 22	1 56	19 14	4 8	14 53	1 44	18 15	1 12	18 49	0 26	20 0	1 50	23 31	0 11	14 38	1 44
W14	21 40 22 23	2 51	19 22	3 59	14 28	1 43	18 4	1 12	18 45	0 26	20 0	1 50	23 31	0 11	14 38	1 44
T 15	21 31 25 26	3 39	19 31	3 49	14 3	1 42	17 53	1 12	18 42	0 26	20 1	1 50	23 31	0 11	14 38	1 44
F 16	21 22 27 21	4 16	19 41	3 39	13 38	1 41	17 42	1 11	18 39	0 26	20 2	1 51	23 31	0 11	14 38	1 44
S 17	21 12 28 2	4 43	19 51	3 28	13 12	1 40	17 31	1 11	18 35	0 26	20 3	1 51	23 31	0 11	14 38	1 44
S 18	21 2 27 24	4 57	20 1	3 16	12 46	1 39	17 20	1 11	18 32	0 26	20 4	1 51	23 31	0 11	14 38	1 44
M19	20 51 25 31	4 58	20 11	3 4	12 20	1 38	17 8	1 11	18 29	0 26	20 5	1 51	23 31	0 11	14 38	1 44
T 20	20 40 22 27	4 46	20 22	2 52	11 53	1 36	16 57	1 11	18 25	0 26	20 5	1 51	23 31	0 11	14 38	1 44
W21	20 29 18 24	4 21	20 32	2 39	11 26	1 35	16 45	1 11	18 22	0 26	20 6	1 51	23 31	0 11	14 37	1 44
T 22	20 18 13 32	3 44	20 41	2 26	10 59	1 33	16 34	1 11	18 19	0 26	20 7	1 51	23 31	0 11	14 37	1 44
F 23	20 6 8 3	2 55	20 50	2 12	10 31	1 32	16 22	1 11	18 15	0 27	20 8	1 51	23 31	0 11	14 37	1 44
S 24	19 53 2 10	1 56	20 59	1 59	10 3	1 30	16 10	1 10	18 12	0 27	20 8	1 51	23 31	0 11	14 38	1 44
S 25	19 41 3n56	0 51	21 6	1 45	9 36	1 28	15 58	1 10	18 8	0 27	20 9	1 51	23 31	0 11	14 38	1 44
M26	19 28 10 0	0n19	21 13	1 17	9 7	1 26	15 46	1 10	18 5	0 27	20 10	1 51	23 31	0 11	14 38	1 43
T 27	19 15 15 46	1 29	21 18	1 31	8 39	1 24	15 33	1 10	18 1	0 27	20 11	1 51	23 31	0 11	14 38	1 43
W28	19 1 20 53	2 36	21 22	1 4	8 10	1 22	15 21	1 10	17 58	0 27	20 11	1 52	23 30	0 11	14 38	1 43
T 29	18 47 24 56	3 35	21 24	0 50	7 41	1 20	15 9	1 10	17 54	0 27	20 12	1 52	23 30	0 11	14 38	1 43
F 30	18 33 27 27	4 22	21 24	0 37	7 12	1 17	14 56	1 10	17 51	0 27	20 13	1 52	23 30	0 11	14 38	1 43
S 31	18n19 28n 3	4n52	21n23	0s24	6n43	1n15	14n44	1n10	17n47	0n27	20n13	1s52	23n30	0n11	14s38	1n43

Julian Day Number = 2677810.5, Delta T = 21m29s

Ecliptic obliquity = 23°21'40, Nutation = - 0°00'07

Ayanamsha: Fagan/Bradley = 33°24'19, Lahiri = 32°31'19

## ASTRODIENST EPHEMERIS for the year 2619

AUGUST 2619

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 36 8	8♂32'25	21♂32	22♂29	17♂0	24♂10	11♂28	11♂26	3♂23	14♂59	3♂42	21°R10	21°Y52	3♂7	1♂30	S 1
M 2	20 40 4	9°29'45	6♂35	24°16	18°10	24°48	11°41	11°31	3°26	14°59	3°42	20°Y59	21°49	3°13	1°32	M 2
T 3	20 44 1	10°27'05	21°27	26° 7	19°20	25°26	11°54	11°36	3°29	14°59	3°43	20°50	21°46	3°20	1°34	T 3
W 4	20 47 57	11°24'26	6♂0	28° 0	20°29	26° 4	12° 8	11°42	3°32	14°59	3°43	20°42	21°43	3°27	1°36	W 4
T 5	20 51 54	12°21'47	20° 8	29°56	21°39	26°42	12°21	11°47	3°35	15° 0	3°44	20°36	21°40	3°34	1°38	T 5
F 6	20 55 50	13°19'09	3♂48	1♂55	22°48	27°20	12°34	11°52	3°38	15° 0	3°45	20°33	21°36	3°40	1°40	F 6
S 7	20 59 47	14°16'31	17° 1	3°55	23°57	27°58	12°48	11°57	3°41	15° 0	3°45	20°D31	21°33	3°47	1°42	S 7
S 8	21 3 43	15°13'54	29°48	5°58	25° 6	28°36	13° 1	12° 1	3°44	15° 1	3°46	20°32	21°30	3°54	1°43	S 8
M 9	21 7 40	16°11'17	12♂14	8° 1	26°16	29°14	13°14	12° 6	3°47	15° 1	3°46	20°R32	21°27	4° 0	1°45	M 9
T 10	21 11 37	17° 8'40	24°24	10° 6	27°25	29°52	13°27	12°11	3°49	15° 1	3°47	20°32	21°24	4° 7	1°47	T 10
W 11	21 15 33	18° 6'04	6♂23	12°11	28°34	0♂30	13°41	12°15	3°52	15° 2	3°47	20°30	21°20	4°14	1°48	W 11
T 12	21 19 30	19° 3'29	18°16	14°17	29°42	1° 8	13°54	12°20	3°55	15° 2	3°48	20°26	21°17	4°21	1°50	T 12
F 13	21 23 26	20° 0'54	0♂7	16°23	0♂51	1°46	14° 7	12°24	3°58	15° 3	3°48	20°20	21°14	4°27	1°51	F 13
S 14	21 27 23	20°58'20	12° 1	18°28	2° 0	2°24	14°21	12°29	4° 0	15° 3	3°49	20°12	21°11	4°34	1°53	S 14
S 15	21 31 19	21°55'46	23°59	20°33	3° 8	3° 2	14°34	12°33	4° 3	15° 4	3°49	20° 2	21° 8	4°41	1°54	S 15
M 16	21 35 16	22°53'14	6♂5	22°38	4°16	3°40	14°47	12°37	4° 6	15° 5	3°49	19°51	21° 5	4°47	1°55	M 16
T 17	21 39 13	23°50'42	18°19	24°41	5°25	4°18	15° 0	12°41	4° 8	15° 5	3°50	19°41	21° 1	4°54	1°57	T 17
W 18	21 43 9	24°48'11	0♂43	26°44	6°33	4°56	15°14	12°45	4°11	15° 6	3°50	19°32	20°58	5° 1	1°58	W 18
T 19	21 47 6	25°45'41	13°18	28°46	7°41	5°34	15°27	12°49	4°13	15° 7	3°50	19°25	20°55	5° 8	1°59	T 19
F 20	21 51 2	26°43'12	26° 3	0♂46	8°49	6°12	15°40	12°53	4°16	15° 7	3°51	19°20	20°52	5°14	2° 0	F 20
S 21	21 54 59	27°40'44	9°Y 0	2°45	9°56	6°50	15°53	12°57	4°18	15° 8	3°51	19°18	20°49	5°21	2° 1	S 21
S 22	21 58 55	28°38'18	22° 9	4°43	11° 4	7°28	16° 6	13° 1	4°21	15° 9	3°51	19°D17	20°45	5°28	2° 2	S 22
M 23	22 2 52	29°35'53	5♂31	6°40	12°12	8° 6	16°19	13° 4	4°23	15°10	3°52	19°18	20°42	5°34	2° 3	M 23
T 24	22 6 48	0♂33'29	19° 9	8°35	13°19	8°44	16°33	13° 8	4°25	15°11	3°52	19°19	20°39	5°41	2° 4	T 24
W 25	22 10 45	1°31'07	3♂1	10°28	14°26	9°23	16°46	13°11	4°28	15°11	3°52	19°R19	20°36	5°48	2° 5	W 25
T 26	22 14 41	2°28'46	17°10	12°20	15°33	10° 1	16°59	13°14	4°30	15°12	3°52	19°18	20°33	5°55	2° 5	T 26
F 27	22 18 38	3°26'27	1♂33	14°11	16°40	10°39	17°12	13°18	4°32	15°13	3°52	19°16	20°30	6° 1	2° 6	F 27
S 28	22 22 35	4°24'10	16° 7	16° 0	17°47	11°17	17°25	13°21	4°34	15°14	3°53	19°11	20°26	6° 8	2° 7	S 28
S 29	22 26 31	5°21'54	0♂47	17°48	18°54	11°55	17°38	13°24	4°37	15°15	3°53	19° 5	20°23	6°15	2° 7	S 29
M 30	22 30 28	6°19'39	15°27	19°35	20° 1	12°33	17°51	13°27	4°39	15°16	3°53	18°58	20°20	6°21	2° 8	M 30
T 31	22 34 24	7♂17'26	29♂59	21♂20	21♂7	13♂11	18♂4	13♂30	4♂41	15♂17	3♂53	18°Y52	20°Y17	6♂28	2♂8	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	18n 4	26n36	5n 1	21n19	0s11	6n14	1n13	14n31	1n 9	17n43	0n27	20n14	1s52	23n30	0n11	S 1
M 2	17 49	23 15	4 51	21 13	0n 1	5 44	1 10	14 18	1 9	17 40	0 27	20 14	1 52	23 30	0 11	M 2
T 3	17 34	18 24	4 20	21 5	0 13	5 15	1 7	14 5	1 9	17 36	0 27	20 15	1 52	23 30	0 11	T 3
W 4	17 18	12 35	3 33	20 54	0 25	4 45	1 5	13 52	1 9	17 33	0 27	20 16	1 52	23 30	0 11	W 4
T 5	17 2	6 15	2 34	20 40	0 35	4 15	1 2	13 39	1 9	17 29	0 28	20 16	1 52	23 30	0 11	T 5
F 6	16 46	0s10	1 28	20 24	0 45	3 45	0 59	13 26	1 9	17 25	0 28	20 17	1 52	23 30	0 11	F 6
S 7	16 30	6 22	0 19	20 6	0 55	3 15	0 56	13 13	1 8	17 22	0 28	20 17	1 53	23 30	0 11	S 7
S 8	16 13	12 8	0s49	19 45	1 3	2 45	0 53	12 59	1 8	17 18	0 28	20 18	1 53	23 30	0 11	S 8
M 9	15 56	17 15	1 53	19 21	1 11	2 15	0 50	12 46	1 8	17 14	0 28	20 18	1 53	23 30	0 11	M 9
T 10	15 39	21 34	2 50	18 55	1 18	1 44	0 47	12 33	1 8	17 11	0 28	20 19	1 53	23 30	0 11	T 10
W 11	15 21	24 54	3 39	18 26	1 25	1 14	0 43	12 19	1 8	17 7	0 28	20 19	1 53	23 30	0 11	W 11
T 12	15 4	27 8	4 18	17 56	1 30	0 44	0 40	12 5	1 8	17 3	0 28	20 20	1 53	23 30	0 11	T 12
F 13	14 46	28 7	4 46	17 23	1 35	0 13	0 36	11 52	1 7	16 59	0 28	20 20	1 53	23 29	0 11	F 13
S 14	14 28	27 49	5 1	16 48	1 38	0s17	0 33	11 38	1 7	16 56	0 28	20 21	1 53	23 29	0 11	S 14
S 15	14 9	26 13	5 3	16 11	1 41	0 48	0 29	11 24	1 7	16 52	0 28	20 21	1 54	23 29	0 11	S 15
M 16	13 51	23 24	4 52	15 33	1 43	1 18	0 26	11 10	1 7	16 48	0 29	20 21	1 54	23 29	0 11	M 16
T 17	13 32	19 31	4 27	14 54	1 45	1 48	0 22	10 56	1 7	16 44	0 29	20 22	1 54	23 29	0 11	T 17
W 18	13 13	14 46	3 50	14 13	1 45	2 19	0 18	10 42	1 7	16 40	0 29	20 22	1 54	23 29	0 11	W 18
T 19	12 53	9 19	3 0	13 31	1 45	2 49	0 14	10 28	1 6	16 37	0 29	20 23	1 54	23 29	0 11	T 19
F 20	12 34	3 25	2 1	12 48	1 45	3 20	0 10	10 14	1 6	16 33	0 29	20 23	1 54	23 29	0 11	F 20
S 21	12 14	2n43	0 55	12 4	1 43	3 50	0 6	10 0	1 6	16 29	0 29	20 23	1 54	23 29	0 11	S 21
S 22	11 55	8 50	0n15	11 19	1 41	4 20	0 2	9 45	1 6	16 25	0 29	20 24	1 55	23 29	0 11	S 22
M 23	11 35	14 41	1 26	10 34	1 39	4 50	0s 2	9 31	1 6	16 21	0 29	20 24	1 55	23 29	0 12	M 23
T 24	11 14	19 55	2 34	9 49	1 36	5 20	0 6	9 17	1 5	16 18	0 29	20 24	1 55	23 29	0 12	T 24
W 25	10 54	24 11	3 33	9 2	1 32	5 50	0 11	9 2	1 5	16 14	0 29	20 24	1 55	23 29	0 12	W 25
T 26	10 33	27 5	4 21	8 16	1 28	6 20	0 15	8 48	1 5	16 10	0 29	20 25	1 55	23 29	0 12	T 26
F 27	10 13	28 15	4 54	7 30	1 24	6 50	0 19	8 33	1 5	16 6	0 30	20 25	1 55	23 29	0 12	F 27
S 28	9 52	27 29	5 8	6 43	1 19	7 19	0 24	8 18	1 5	16 2	0 30	20 25	1 55	23 29	0 12	S 28
S 29	9 31	24 49	5 2	5 56	1 14	7 49	0 28	8 4	1 4	15 58	0 30	20 25	1 56	23 28	0 12	S 29
M 30	9 10	20 33	4 36	5 10	1 8	8 18	0 33	7 49	1 4	15 54	0 30	20 26	1 56	23 28	0 12	M 30
T 31	8n48	15n 4	3n53	4n23	1n 2	8s48	0s37	7n34	1n 4	15n51	0n30	20n26	1s56	23n28	0n12	T 31

Julian Day Number = 2677841.5, Delta T = 21m30s

Ecliptic obliquity = 23°21'40, Nutation = - 0°00'05

Ayanamsha: Fagan/Bradley = 33°24'24, Lahiri = 32°31'24

# ASTRODIENST EPHEMERIS for the year 2619

SEPTEMBER 2619

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	22 38 21	8 <sup>h</sup> 15'14"	14 <sup>h</sup> 18	23 <sup>h</sup> 3	22 <sup>h</sup> 13	13 <sup>h</sup> 49	18 <sup>h</sup> 17	13 <sup>h</sup> 32	4 <sup>h</sup> 43	15 <sup>h</sup> 19	3 <sup>h</sup> 53	18 <sup>h</sup> 47	20 <sup>h</sup> 14	6 <sup>h</sup> 35	2 <sup>h</sup> 11	W 1
T 2	22 42 17	9°13'04"	28°16	24°45	23°19	14°27	18°29	13°35	4°45	15°20	3°53	18°44	20°11	6°42	2° 9	T 2
F 3	22 46 14	10°10'54"	11 <sup>h</sup> 15	26°26	24°25	15° 5	18°42	13°38	4°47	15°21	3°R53	18°42	20° 7	6°48	2° 9	F 3
S 4	22 50 10	11° 8'46"	25° 2	28° 5	25°31	15°44	18°55	13°40	4°49	15°22	3°53	18°D42	20° 4	6°55	2° 9	S 4
S 5	22 54 7	12° 6'39"	7 <sup>h</sup> 15	29°44	26°37	16°22	19° 8	13°42	4°50	15°23	3°53	18°43	20° 1	7° 2	2° 9	S 5
M 6	22 58 4	13° 4'34"	20°18	1 <sup>h</sup> 20	27°42	17° 0	19°21	13°45	4°52	15°24	3°53	18°45	19°58	7° 9	2°10	M 6
T 7	23 2 0	14° 2'30"	2 <sup>h</sup> 21	2°56	28°47	17°38	19°33	13°47	4°54	15°26	3°53	18°46	19°55	7°15	2°R10	T 7
W 8	23 5 57	15° 0'26"	14°32	4°30	29°53	18°16	19°46	13°49	4°56	15°27	3°53	18°R47	19°51	7°22	2° 9	W 8
T 9	23 9 53	15°58'25"	26°26	6° 2	0 <sup>h</sup> 15	18°54	19°58	13°51	4°57	15°28	3°53	18°46	19°48	7°29	2° 9	T 9
F 10	23 13 50	16°56'24"	8 <sup>h</sup> 31	7°34	2° 2	19°33	20°11	13°53	4°59	15°30	3°53	18°44	19°45	7°35	2° 9	F 10
S 11	23 17 46	17°54'25"	20°14	9° 4	3° 7	20°11	20°23	13°54	5° 1	15°31	3°52	18°41	19°42	7°42	2° 9	S 11
S 12	23 21 43	18°52'27"	2 <sup>h</sup> 21	10°33	4°11	20°49	20°36	13°56	5° 2	15°32	3°52	18°36	19°39	7°49	2° 9	S 12
M13	23 25 39	19°50'31"	14°28	12° 0	5°15	21°27	20°48	13°57	5° 4	15°34	3°52	18°32	19°36	7°56	2° 8	M13
T 14	23 29 36	20°48'36"	26°52	13°26	6°19	22° 5	21° 1	13°59	5° 5	15°35	3°52	18°27	19°32	8° 2	2° 8	T 14
W15	23 33 33	21°46'42"	9 <sup>h</sup> 29	14°51	7°22	22°44	21°13	14° 0	5° 6	15°37	3°52	18°23	19°29	8° 9	2° 8	W15
T 16	23 37 29	22°44'50"	22°21	16°14	8°26	23°22	21°25	14° 1	5° 8	15°38	3°51	18°20	19°26	8°16	2° 7	T 16
F 17	23 41 26	23°43'00"	5 <sup>h</sup> 27	17°36	9°29	24° 0	21°38	14° 2	5° 9	15°40	3°51	18°18	19°23	8°22	2° 6	F 17
S 18	23 45 22	24°41'11"	18°46	18°56	10°32	24°38	21°50	14° 3	5°10	15°41	3°51	18°D17	19°20	8°29	2° 6	S 18
S 19	23 49 19	25°39'25"	2 <sup>h</sup> 17	20°15	11°34	25°17	22° 2	14° 4	5°12	15°43	3°50	18°18	19°17	8°36	2° 5	S 19
M20	23 53 15	26°37'40"	16° 0	21°33	12°37	25°55	22°14	14° 5	5°13	15°44	3°50	18°19	19°13	8°43	2° 4	M20
T 21	23 57 12	27°35'57"	29°53	22°48	13°39	26°33	22°26	14° 6	5°14	15°46	3°50	18°20	19°10	8°49	2° 3	T 21
W22	0 1 8	28°34'16"	13 <sup>h</sup> 11	24° 3	14°40	27°12	22°38	14° 6	5°15	15°48	3°49	18°21	19° 7	8°56	2° 3	W22
T 23	0 5 5	29°32'38"	28° 4	25°15	15°42	27°50	22°50	14° 7	5°16	15°49	3°49	18°R22	19° 4	9° 3	2° 2	T 23
F 24	0 9 2	0 <sup>h</sup> 31'02"	12 <sup>h</sup> 18	26°26	16°43	28°28	23° 1	14° 7	5°17	15°51	3°49	18°22	19° 1	9° 9	2° 1	F 24
S 25	0 12 58	1°29'27"	26°34	27°34	17°44	29° 7	23°13	14° 7	5°18	15°53	3°48	18°21	18°57	9°16	2° 0	S 25
S 26	0 16 55	2°27'55"	10 <sup>h</sup> 15	28°41	18°45	29°45	23°25	14° 7	5°19	15°54	3°48	18°19	18°54	9°23	1°59	S 26
M27	0 20 51	3°26'25"	25° 3	29°45	19°45	0 <sup>h</sup> 23	23°36	14°R 7	5°19	15°56	3°47	18°17	18°51	9°30	1°57	M27
T 28	0 24 48	4°24'57"	9 <sup>h</sup> 18	0 <sup>h</sup> 14	20°45	1° 2	23°48	14° 7	5°20	15°58	3°47	18°15	18°48	9°36	1°56	T 28
W29	0 28 44	5°23'30"	23° 0	1°47	21°44	1°40	23°59	14° 7	5°21	16° 0	3°46	18°14	18°45	9°43	1°55	W29
T 30	0 32 41	6°22'06"	6 <sup>h</sup> 38	2 <sup>h</sup> 14	22 <sup>h</sup> 14	2 <sup>h</sup> 19	24°11	14 <sup>h</sup> 11	5°21	16 <sup>h</sup> 2	3 <sup>h</sup> 46	18°13	18°42	9°50	1 <sup>h</sup> 54	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	8n27	8n52	2n56	3n37	0n56	9s17	0s42	7n19	1n 4	15n47	0n30	20n26	1s56	23n28	0n12	W 1
T 2	8 5	2 21	1 49	2 50	0 50	9 46	0 47	7 5	1 3	15 43	0 30	20 26	1 56	23 28	0 12	T 2
F 3	7 44	4s 6	0 37	2 4	0 43	10 14	0 52	6 50	1 3	15 39	0 30	20 26	1 56	23 28	0 12	F 3
S 4	7 22	10 11	0s34	1 18	0 36	10 43	0 56	6 35	1 3	15 35	0 30	20 26	1 56	23 28	0 12	S 4
S 5	7 0	15 41	1 42	0 33	0 29	11 11	1 1	6 20	1 3	15 31	0 31	20 27	1 57	23 28	0 12	S 5
M 6	6 38	20 24	2 44	0s12	0 21	11 39	1 6	6 5	1 3	15 27	0 31	20 27	1 57	23 28	0 12	M 6
T 7	6 16	24 8	3 36	0 57	0 14	12 7	1 11	5 50	1 2	15 24	0 31	20 27	1 57	23 28	0 12	T 7
W 8	5 53	26 45	4 18	1 41	0 6	12 35	1 16	5 35	1 2	15 20	0 31	20 27	1 57	23 28	0 12	W 8
T 9	5 31	28 8	4 49	2 25	0s 2	13 2	1 21	5 19	1 2	15 16	0 31	20 27	1 57	23 28	0 12	T 9
F 10	5 8	28 12	5 7	3 9	0 10	13 29	1 26	5 4	1 2	15 12	0 31	20 27	1 57	23 28	0 12	F 10
S 11	4 46	26 59	5 12	3 51	0 18	13 56	1 31	4 49	1 1	15 8	0 31	20 27	1 57	23 28	0 12	S 11
S 12	4 23	24 31	5 3	4 34	0 26	14 23	1 36	4 34	1 1	15 4	0 31	20 27	1 58	23 28	0 12	S 12
M13	4 1	20 55	4 41	5 15	0 34	14 49	1 41	4 19	1 1	15 1	0 31	20 27	1 58	23 28	0 12	M13
T 14	3 38	16 21	4 5	5 57	0 43	15 15	1 46	4 3	1 1	14 57	0 32	20 27	1 58	23 28	0 12	T 14
W15	3 15	11 2	3 17	6 37	0 51	15 41	1 52	3 48	1 0	14 53	0 32	20 27	1 58	23 28	0 12	W15
T 16	2 52	5 8	2 18	7 17	0 59	16 7	1 57	3 33	1 0	14 49	0 32	20 27	1 58	23 28	0 12	T 16
F 17	2 29	1n 5	1 10	7 56	1 8	16 32	2 2	3 17	1 0	14 45	0 32	20 27	1 58	23 28	0 12	F 17
S 18	2 6	7 22	0n 3	8 34	1 16	16 57	2 7	3 2	1 0	14 42	0 32	20 27	1 59	23 28	0 12	S 18
S 19	1 43	13 25	1 16	9 12	1 25	17 21	2 12	2 47	0 59	14 38	0 32	20 27	1 59	23 28	0 12	S 19
M20	1 20	18 55	2 27	9 49	1 33	17 45	2 17	2 31	0 59	14 34	0 32	20 27	1 59	23 28	0 12	M20
T 21	0 57	23 28	3 29	10 25	1 41	18 9	2 23	2 16	0 59	14 30	0 32	20 27	1 59	23 28	0 12	T 21
W22	0 34	26 42	4 20	11 0	1 50	18 32	2 28	2 1	0 59	14 26	0 33	20 27	1 59	23 28	0 12	W22
T 23	0 11	28 17	4 56	11 34	1 58	18 56	2 33	1 45	0 58	14 23	0 33	20 27	1 59	23 27	0 12	T 23
F 24	0s12	28 0	5 13	12 7	2 6	19 18	2 38	1 30	0 58	14 19	0 33	20 27	1 59	23 27	0 12	F 24
S 25	0 35	25 52	5 12	12 40	2 14	19 41	2 43	1 14	0 58	14 15	0 33	20 26	2 0	23 27	0 12	S 25
S 26	0 59	22 7	4 51	13 11	2 22	20 2	2 48	0 59	0 57	14 12	0 33	20 26	2 0	23 27	0 12	S 26
M27	1 22	17 6	4 13	13 41	2 30	20 24	2 54	0 43	0 57	14 8	0 33	20 26	2 0	23 27	0 12	M27
T 28	1 45	11 12	3 19	14 10	2 37	20 45	2 59	0 28	0 57	14 4	0 33	20 26	2 0	23 27	0 12	T 28
W29	2 8	4 50	2 15	14 38	2 44	21 6	3 4	0 12	0 57	14 1	0 34	20 26	2 0	23 27	0 12	W29
T 30	2s31	1s39	1n 4	15s 4	2s51	21s26	3s 9	0s 3	0n56	13n57	0n34	20n26	2s 0	23n27	0n12	T 30

Julian Day Number = 2677872.5, Delta T = 21m30s  
 Ecliptic obliquity = 23°21'41", Nutation = - 0°00'05"  
 Ayanamsha: Fagan/Bradley = 33°24'28", Lahiri = 32°31'28"

## ASTRODIENST EPHEMERIS for the year 2619

OCTOBER 2619

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	0 36 37	7♂20'43	19♂59	3♂39	23♂42	2♂57	24♂22	14°R 6	5♂22	16♂ 3	3°R45	18°D13	18°Y38	9♂57	1°R52	F 1
S 2	0 40 34	8°19'23	3♂ 1	4°31	24°41	3°36	24°33	14°II 6	5°22	16° 5	3°II45	18°Y13	18°35	10° 3	1°II51	S 2
S 3	0 44 31	9°18'04	15°44	5°19	25°39	4°14	24°45	14° 5	5°23	16° 7	3°44	18°14	18°32	10°10	1°49	S 3
M 4	0 48 27	10°16'47	28°11	6° 4	26°37	4°52	24°56	14° 5	5°23	16° 9	3°44	18°14	18°29	10°17	1°48	M 4
T 5	0 52 24	11°15'32	10♂23	6°44	27°34	5°31	25° 7	14° 4	5°24	16°11	3°43	18°15	18°26	10°23	1°46	T 5
W 6	0 56 20	12°14'18	22°25	7°21	28°31	6°10	25°18	14° 3	5°24	16°13	3°42	18°16	18°23	10°30	1°44	W 6
T 7	1 0 17	13°13'07	4♂20	7°54	29°27	6°48	25°29	14° 2	5°24	16°15	3°42	18°16	18°19	10°37	1°43	T 7
F 8	1 4 13	14°11'57	16°13	8°21	0♂23	7°27	25°39	14° 1	5°25	16°17	3°41	18°R16	18°16	10°44	1°41	F 8
S 9	1 8 10	15°10'48	28° 9	8°44	1°18	8° 5	25°50	13°59	5°25	16°19	3°40	18°16	18°13	10°50	1°39	S 9
S 10	1 12 6	16° 9'41	10♂11	9° 0	2°13	8°44	26° 1	13°58	5°25	16°21	3°40	18°16	18°10	10°57	1°37	S 10
M11	1 16 3	17° 8'36	22°25	9°11	3° 8	9°22	26°11	13°56	5°25	16°23	3°39	18°16	18° 7	11° 4	1°35	M11
T 12	1 20 0	18° 7'33	4♂54	9°R16	4° 1	10° 1	26°22	13°55	5°R25	16°25	3°38	18°D16	18° 3	11°10	1°33	T 12
W13	1 23 56	19° 6'31	17°40	9°13	4°55	10°40	26°32	13°53	5°25	16°27	3°37	18°16	18° 0	11°17	1°31	W13
T 14	1 27 53	20° 5'32	0°Y45	9° 3	5°47	11°18	26°42	13°51	5°25	16°29	3°37	18°16	17°57	11°24	1°29	T 14
F 15	1 31 49	21° 4'34	14°10	8°46	6°39	11°57	26°52	13°49	5°25	16°31	3°36	18°R16	17°54	11°31	1°27	F 15
S 16	1 35 46	22° 3'38	27°54	8°20	7°30	12°35	27° 2	13°47	5°25	16°33	3°35	18°16	17°51	11°37	1°25	S 16
S 17	1 39 42	23° 2'44	11♂53	7°47	8°21	13°14	27°12	13°45	5°24	16°35	3°34	18°16	17°48	11°44	1°23	S 17
M18	1 43 39	24° 1'52	26° 4	7° 6	9°11	13°53	27°22	13°43	5°24	16°37	3°33	18°15	17°44	11°51	1°21	M18
T 19	1 47 35	25° 1'03	10°II22	6°18	10° 0	14°32	27°32	13°41	5°24	16°39	3°33	18°14	17°41	11°58	1°18	T 19
W20	1 51 32	26° 0'16	24°44	5°22	10°48	15°10	27°42	13°38	5°23	16°41	3°32	18°13	17°38	12° 4	1°16	W20
T 21	1 55 29	26°59'31	9♂ 5	4°20	11°36	15°49	27°51	13°36	5°23	16°43	3°31	18°13	17°35	12°11	1°14	T 21
F 22	1 59 25	27°58'49	23°21	3°13	12°23	16°28	28° 1	13°33	5°22	16°46	3°30	18°D12	17°32	12°18	1°11	F 22
S 23	2 3 22	28°58'08	7♂30	2° 3	13° 9	17° 7	28°10	13°31	5°22	16°48	3°29	18°12	17°28	12°24	1° 9	S 23
S 24	2 7 18	29°57'30	21°30	0°50	13°54	17°45	28°19	13°28	5°21	16°50	3°28	18°13	17°25	12°31	1° 6	S 24
M25	2 11 15	0♂56'54	5♂19	29♂38	14°38	18°24	28°28	13°25	5°20	16°52	3°27	18°14	17°22	12°38	1° 4	M25
T 26	2 15 11	1°56'21	18°57	28°28	15°21	19° 3	28°37	13°22	5°20	16°54	3°26	18°15	17°19	12°45	1° 1	T 26
W27	2 19 8	2°55'49	2♂22	27°23	16° 4	19°42	28°46	13°19	5°19	16°56	3°26	18°16	17°16	12°51	0°59	W27
T 28	2 23 4	3°55'20	15°35	26°23	16°45	20°21	28°55	13°16	5°18	16°59	3°25	18°R17	17°13	12°58	0°56	T 28
F 29	2 27 1	4°54'53	28°34	25°32	17°25	21° 0	29° 3	13°13	5°17	17° 1	3°24	18°16	17° 9	13° 5	0°53	F 29
S 30	2 30 57	5°54'28	11♂20	24°50	18° 4	21°39	29°12	13° 9	5°16	17° 3	3°23	18°15	17° 6	13°11	0°51	S 30
S 31	2 34 54	6♂54'05	23♂53	24♂18	18♂42	22♂18	29♂20	13°II 6	5♂15	17♂ 5	3°II22	18°Y13	17°Y 3	13♂18	0°II48	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	2s54	7s56	0s10	15s29	2s58	21s46	3s14	0s19	0n56	13n53	0n34	20n25	2s 0	23n27	0n12	14s59
S 2	3 17	13 45	1 21	15 53	3 4	22 5	3 19	0 34	0 56	13 50	0 34	20 25	2 1	23 27	0 12	15 0
S 3	3 40	18 50	2 27	16 15	3 11	22 24	3 24	0 50	0 55	13 46	0 34	20 25	2 1	23 27	0 12	15 1
M 4	4 3	23 0	3 24	16 35	3 16	22 43	3 29	1 5	0 55	13 43	0 34	20 25	2 1	23 27	0 12	15 1
T 5	4 26	26 4	4 10	16 53	3 21	23 1	3 34	1 21	0 55	13 39	0 34	20 25	2 1	23 27	0 12	15 2
W 6	4 49	27 53	4 45	17 10	3 26	23 19	3 38	1 36	0 55	13 35	0 35	20 24	2 1	23 27	0 12	15 2
T 7	5 12	28 25	5 8	17 24	3 30	23 36	3 43	1 52	0 54	13 32	0 35	20 24	2 1	23 27	0 12	15 3
F 8	5 35	27 37	5 17	17 37	3 33	23 53	3 48	2 7	0 54	13 28	0 35	20 24	2 1	23 27	0 12	15 3
S 9	5 58	25 34	5 12	17 46	3 36	24 9	3 53	2 23	0 54	13 25	0 35	20 23	2 2	23 27	0 12	15 4
S 10	6 20	22 21	4 54	17 54	3 38	24 25	3 57	2 38	0 53	13 22	0 35	20 23	2 2	23 27	0 12	15 5
M11	6 43	18 8	4 22	17 58	3 39	24 40	4 2	2 53	0 53	13 18	0 35	20 23	2 2	23 27	0 12	15 5
T 12	7 5	13 4	3 38	17 59	3 39	24 55	4 6	3 9	0 53	13 15	0 36	20 23	2 2	23 28	0 12	15 6
W13	7 28	7 20	2 42	17 57	3 37	25 9	4 10	3 24	0 52	13 11	0 36	20 22	2 2	23 28	0 12	15 6
T 14	7 50	1 10	1 36	17 51	3 35	25 23	4 15	3 40	0 52	13 8	0 36	20 22	2 2	23 28	0 13	15 7
F 15	8 12	5n13	0 23	17 42	3 31	25 36	4 19	3 55	0 52	13 5	0 36	20 22	2 2	23 28	0 13	15 8
S 16	8 34	11 31	0n53	17 28	3 25	25 49	4 23	4 10	0 51	13 2	0 36	20 21	2 3	23 28	0 13	15 8
S 17	8 56	17 22	2 7	17 11	3 18	26 13	4 27	4 26	0 51	12 58	0 36	20 21	2 3	23 28	0 13	15 9
M18	9 18	22 21	3 14	16 49	3 9	26 13	4 31	4 41	0 51	12 55	0 36	20 20	2 3	23 28	0 13	15 9
T 19	9 39	26 3	4 10	16 23	2 58	26 24	4 34	4 56	0 50	12 52	0 37	20 20	2 3	23 28	0 13	15 10
W20	10 1	28 6	4 50	15 52	2 45	26 35	4 38	5 11	0 50	12 49	0 37	20 20	2 3	23 28	0 13	15 11
T 21	10 22	28 15	5 12	15 18	2 31	26 45	4 42	5 26	0 50	12 46	0 37	20 19	2 3	23 28	0 13	15 11
F 22	10 43	26 31	5 15	14 40	2 15	26 55	4 45	5 42	0 49	12 43	0 37	20 19	2 3	23 28	0 13	15 12
S 23	11 4	23 9	4 59	13 59	1 57	27 4	4 48	5 57	0 49	12 39	0 37	20 18	2 3	23 28	0 13	15 12
S 24	11 25	18 28	4 25	13 16	1 38	27 13	4 51	6 12	0 49	12 36	0 38	20 18	2 3	23 28	0 13	15 13
M25	11 46	12 52	3 36	12 32	1 19	27 21	4 54	6 27	0 48	12 33	0 38	20 18	2 4	23 28	0 13	15 14
T 26	12 7	6 44	2 35	11 48	0 58	27 29	4 57	6 42	0 48	12 30	0 38	20 17	2 4	23 28	0 13	15 14
W27	12 27	0 23	1 27	11 5	0 37	27 36	4 59	6 57	0 48	12 28	0 38	20 17	2 4	23 28	0 13	15 15
T 28	12 47	5s53	0 15	10 25	0 17	27 42	5 2	7 12	0 47	12 25	0 38	20 16	2 4	23 28	0 13	15 16
F 29	13 7	11 49	0s57	9 48	0n 3	27 49	5 4	7 27	0 47	12 22	0 38	20 16	2 4	23 28	0 13	15 16
S 30	13 27	17 9	2 4	9 15	0 22	27 54	5 6	7 42	0 46	12 19	0 39	20 15	2 4	23 28	0 13	15 17
S 31	13s46	21s39	3s 4	8s47	0n40	27s59	5s 8	7s56	0n46	12n16	0n39	20n15	2s 4	23n28	0n13	15s17

Julian Day Number = 2677902.5, Delta T = 21m30s

Ecliptic obliquity = 23°21'41", Nutation = - 0°00'06"

Ayanamsha: Fagan/Bradley = 33°24'32", Lahiri = 32°31'32"

## ASTRODIENST EPHEMERIS for the year 2619

NOVEMBER 2619

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	2 38 51	7♈53°44	6♈13	23°R57	19♈18	22♈57	29♈29	13°R 3	5°R14	17♈7	3°R21	18°R10	17°Y 0	13♈25	0°R45	M 1
T 2	2 42 47	8°53'24	18°22	23°D48	19°54	23°36	29°37	12°II 59	5°12	17°10	3°II20	18°Y 7	16°57	13°32	0°II43	T 2
W 3	2 46 44	9°53'07	0♈22	23°49	20°28	24°15	29°45	12°55	5°12	17°12	3°19	18° 3	16°54	13°38	0°40	W 3
T 4	2 50 40	10°52'51	12°16	24° 2	21° 0	24°54	29°53	12°52	5°11	17°14	3°18	18° 0	16°50	13°45	0°37	T 4
F 5	2 54 37	11°52'37	24° 8	24°25	21°32	25°33	0♈0	12°48	5°10	17°16	3°17	17°58	16°47	13°52	0°34	F 5
S 6	2 58 33	12°52'25	6♈2	24°58	22° 1	26°12	0° 8	12°44	5° 9	17°19	3°16	17°57	16°44	13°59	0°31	S 6
S 7	3 2 30	13°52'14	18° 2	25°39	22°30	26°51	0°15	12°40	5° 7	17°21	3°15	17°D56	16°41	14° 5	0°28	S 7
M 8	3 6 27	14°52'05	0♈13	26°29	22°56	27°30	0°23	12°36	5° 6	17°23	3°13	17°57	16°38	14°12	0°25	M 8
T 9	3 10 23	15°51'57	12°40	27°26	23°21	28° 9	0°30	12°32	5° 5	17°25	3°12	17°59	16°34	14°19	0°22	T 9
W10	3 14 20	16°51'51	25°27	28°29	23°44	28°48	0°37	12°28	5° 3	17°27	3°11	18° 1	16°31	14°25	0°19	W10
T 11	3 18 16	17°51'47	8°Y38	29°38	24° 5	29°27	0°44	12°24	5° 2	17°30	3°10	18° 2	16°28	14°32	0°16	T 11
F 12	3 22 13	18°51'44	22°13	0♈51	24°25	0♈7	0°51	12°20	5° 0	17°32	3° 9	18°R 2	16°25	14°39	0°14	F 12
S 13	3 26 9	19°51'43	6♈13	2° 9	24°42	0°46	0°57	12°15	4°59	17°34	3° 8	18° 1	16°22	14°46	0°10	S 13
S 14	3 30 6	20°51'44	20°35	3°30	24°58	1°25	1° 4	12°11	4°57	17°36	3° 7	17°58	16°19	14°52	0° 7	S 14
M15	3 34 2	21°51'47	5♈14	4°54	25°11	2° 4	1°10	12° 7	4°56	17°39	3° 6	17°54	16°15	14°59	0° 4	M15
T 16	3 37 59	22°51'52	20° 2	6°21	25°23	2°44	1°16	12° 2	4°54	17°41	3° 5	17°49	16°12	15° 6	0° 1	T 16
W17	3 41 56	23°51'59	4♈51	7°50	25°32	3°23	1°22	11°58	4°52	17°43	3° 4	17°43	16° 9	15°13	29°58	W17
T 18	3 45 52	24°52'07	19°34	9°20	25°39	4° 2	1°28	11°53	4°50	17°45	3° 3	17°38	16° 6	15°19	29°55	T 18
F 19	3 49 49	25°52'18	4♈5	10°52	25°43	4°41	1°34	11°49	4°49	17°48	3° 2	17°35	16° 3	15°26	29°52	F 19
S 20	3 53 45	26°52'31	18°19	12°25	25°R46	5°21	1°39	11°44	4°47	17°50	3° 0	17°33	16° 0	15°33	29°49	S 20
S 21	3 57 42	27°52'46	2♈14	13°58	25°46	6° 0	1°45	11°39	4°45	17°52	2°59	17°D33	15°56	15°39	29°46	S 21
M22	4 1 38	28°53'02	15°51	15°33	25°43	6°40	1°50	11°35	4°43	17°54	2°58	17°34	15°53	15°46	29°43	M22
T 23	4 5 35	29°53'21	29°10	17° 8	25°38	7°19	1°55	11°30	4°41	17°57	2°57	17°35	15°50	15°53	29°40	T 23
W24	4 9 31	0♈53'41	12♈14	18°43	25°31	7°59	2° 0	11°25	4°39	17°59	2°56	17°R36	15°47	16° 0	29°37	W24
T 25	4 13 28	1°54'04	25° 4	20°18	25°21	8°38	2° 5	11°20	4°37	18° 1	2°55	17°36	15°44	16° 6	29°34	T 25
F 26	4 17 25	2°54'28	7♈43	21°54	25° 9	9°17	2° 9	11°16	4°35	18° 3	2°54	17°34	15°40	16°13	29°31	F 26
S 27	4 21 21	3°54'54	20°11	23°30	24°54	9°57	2°14	11°11	4°33	18° 5	2°53	17°30	15°37	16°20	29°28	S 27
S 28	4 25 18	4°55'21	2♈30	25° 6	24°38	10°37	2°18	11° 6	4°31	18° 7	2°51	17°23	15°34	16°26	29°24	S 28
M29	4 29 14	5°55'51	14°40	26°42	24°18	11°16	2°22	11° 1	4°29	18°10	2°50	17°14	15°31	16°33	29°21	M29
T 30	4 33 11	6♈56'21	26♈43	28♈17	23♈57	11♈56	2♈26	10°II 56	4°27	18♈12	2°II 49	17°Y 4	15°Y28	16♈40	29°Y18	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	14s 6	25s 7	3s54	8s24	0n56	28s 4	5s 9	8s11	0n46	12n14	0n39	20n14	2s 4	23n28	0n13	15s18
T 2	14 25	27 23	4 33	8 7	1 11	28 8	5 11	8 26	0 45	12 11	0 39	20 14	2 4	23 28	0 13	15 19
W 3	14 44	28 21	4 59	7 55	1 24	28 12	5 12	8 40	0 45	12 8	0 39	20 13	2 4	23 28	0 13	15 19
T 4	15 3	27 59	5 12	7 49	1 35	28 15	5 12	8 55	0 45	12 6	0 40	20 13	2 4	23 29	0 13	15 20
F 5	15 15	26 20	5 12	7 49	1 45	28 18	5 13	9 10	0 44	12 3	0 40	20 12	2 4	23 29	0 13	15 21
S 6	15 39	23 31	4 58	7 53	1 53	28 20	5 13	9 24	0 44	12 1	0 40	20 12	2 4	23 29	0 13	15 21
S 7	15 57	19 41	4 32	8 2	1 59	28 22	5 13	9 39	0 43	11 58	0 40	20 11	2 4	23 29	0 13	15 22
M 8	16 15	14 59	3 53	8 16	2 4	28 23	5 13	9 53	0 43	11 56	0 40	20 11	2 5	23 29	0 13	15 22
T 9	16 32	9 35	3 2	8 33	2 7	28 24	5 12	10 7	0 43	11 54	0 41	20 10	2 5	23 29	0 13	15 23
W10	16 49	4 39	2 1	8 53	2 10	28 24	5 11	10 21	0 42	11 51	0 41	20 9	2 5	23 29	0 13	15 24
T 11	17 6	2n37	0 51	9 16	2 11	28 23	5 10	10 36	0 42	11 49	0 41	20 9	2 5	23 29	0 13	15 24
F 12	17 23	8 59	0n23	9 42	2 11	28 23	5 8	10 50	0 41	11 47	0 41	20 8	2 5	23 29	0 13	15 25
S 13	17 39	15 5	1 38	10 9	2 10	28 21	5 6	11 4	0 41	11 45	0 41	20 8	2 5	23 29	0 13	15 26
S 14	17 55	20 32	2 48	10 38	2 8	28 19	5 4	11 18	0 41	11 43	0 42	20 7	2 5	23 29	0 13	15 26
M15	18 10	24 51	3 49	11 9	2 5	28 17	5 1	11 32	0 40	11 41	0 42	20 7	2 5	23 29	0 13	15 27
T 16	18 26	27 33	4 35	11 40	2 2	28 14	4 57	11 45	0 40	11 39	0 42	20 6	2 5	23 29	0 13	15 27
W17	18 41	28 19	5 3	12 12	1 58	28 10	4 53	11 59	0 39	11 37	0 42	20 5	2 5	23 29	0 13	15 28
T 18	18 55	27 3	5 10	12 45	1 54	28 6	4 49	12 13	0 39	11 35	0 42	20 5	2 5	23 30	0 13	15 29
F 19	19 10	23 59	4 58	13 18	1 49	28 1	4 44	12 26	0 38	11 33	0 43	20 4	2 5	23 30	0 13	15 29
S 20	19 24	19 31	4 27	13 51	1 44	27 56	4 39	12 40	0 38	11 31	0 43	20 4	2 5	23 30	0 13	15 30
S 21	19 37	14 5	3 41	14 25	1 39	27 50	4 33	12 53	0 38	11 29	0 43	20 3	2 5	23 30	0 13	15 30
M22	19 51	8 5	2 43	14 58	1 33	27 44	4 26	13 7	0 37	11 28	0 43	20 2	2 5	23 30	0 13	15 31
T 23	20 4	1 50	1 38	15 30	1 27	27 37	4 19	13 20	0 37	11 26	0 44	20 2	2 5	23 30	0 13	15 32
W24	20 16	4s22	0 29	16 3	1 20	27 29	4 12	13 33	0 36	11 25	0 44	20 1	2 5	23 30	0 13	15 32
T 25	20 28	10 18	0s40	16 35	1 14	27 20	4 4	13 46	0 36	11 23	0 44	20 0	2 5	23 30	0 13	15 33
F 26	20 40	15 43	1 46	17 6	1 7	27 11	3 55	13 59	0 35	11 22	0 44	20 0	2 5	23 30	0 13	15 33
S 27	20 52	20 24	2 46	17 36	1 1	27 1	3 46	14 12	0 35	11 20	0 44	19 59	2 5	23 30	0 13	15 34
S 28	21 3	24 9	3 38	18 6	0 54	26 51	3 36	14 25	0 34	11 19	0 45	19 59	2 5	23 30	0 13	15 35
M29	21 14	26 45	4 18	18 36	0 47	26 39	3 25	14 37	0 34	11 18	0 45	19 58	2 5	23 30	0 13	15 35
T 30	21s24	28s 6	4s47	19s 4	0n40	26s27	3s14	14s50	0n33	11n17	0n45	19n57	2s 4	23n31	0n13	15s36

Julian Day Number = 2677933.5, Delta T = 21m31s

Ecliptic obliquity = 23°21'40", Nutation = - 0°00'07"

Ayanamsha: Fagan/Bradley = 33°24'36", Lahiri = 32°31'36"

## ASTRODIENST EPHEMERIS for the year 2619

DECEMBER 2619

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	4 37 7	7°56'54	8°34'40	29°53'53	23°R33	12°M35	2°M29	10°R51	4°R24	18°M14	2°R48	16°R54	15°Y25	16°34'47	29°R15	W 1
T 2	4 41 4	8°57'27	20°32	1°29'29	23°R 7	13°15	2°33	10°II47	4°22'22	18°16	2°II47	16°Y44	15°21	16°53	29°R12	T 2
F 3	4 45 0	9°58'02	2°23'23	3° 4	22°40	13°55	2°36	10°42	4°20	18°18	2°46	16°36	15°18	17° 0	29° 9	F 3
S 4	4 48 57	10°58'38	14°14	4°39	22°10	14°34	2°39	10°37	4°18	18°20	2°45	16°30	15°15	17° 7	29° 6	S 4
S 5	4 52 54	11°59'15	26°11	6°15	21°39	15°14	2°42	10°32	4°15	18°22	2°44	16°26	15°12	17°14	29° 3	S 5
M 6	4 56 50	12°59'53	8°18'18	7°50	21° 6	15°54	2°45	10°27	4°13	18°24	2°43	16°D25	15° 9	17°20	29° 0	M 6
T 7	5 0 47	14° 0'32	20°40	9°25	20°32	16°33	2°48	10°22	4°11	18°27	2°41	16°25	15° 6	17°27	28°57	T 7
W 8	5 4 43	15° 1'13	3°Y21	10°59	19°58	17°13	2°50	10°17	4° 8	18°29	2°40	16°26	15° 2	17°34	28°54	W 8
T 9	5 8 40	16° 1'54	16°27	12°34	19°22	17°53	2°52	10°12	4° 6	18°31	2°39	16°R26	14°59	17°40	28°51	T 9
F 10	5 12 36	17° 2'36	0°R 0	14° 9	18°46	18°33	2°54	10° 7	4° 4	18°33	2°38	16°25	14°56	17°47	28°49	F 10
S 11	5 16 33	18° 3'20	14° 3	15°43	18° 9	19°13	2°56	10° 3	4° 1	18°35	2°37	16°22	14°53	17°54	28°46	S 11
S 12	5 20 29	19° 4'04	28°34	17°17	17°33	19°52	2°58	9°58	3°59	18°37	2°36	16°17	14°50	18° 1	28°43	S 12
M13	5 24 26	20° 4'50	13°II28	18°52	16°56	20°32	2°59	9°53	3°56	18°39	2°35	16° 9	14°46	18° 7	28°40	M13
T 14	5 28 23	21° 5'37	20°28	20°26	16°20	21°12	3° 0	9°48	3°54	18°41	2°34	15°59	14°43	18°14	28°37	T 14
W15	5 32 19	22° 6'25	13°25'52	22° 0	15°45	21°52	3° 1	9°44	3°51	18°43	2°33	15°49	14°40	18°21	28°34	W15
T 16	5 36 16	23° 7'14	28°59	23°34	15°11	22°32	3° 2	9°39	3°49	18°45	2°32	15°39	14°37	18°28	28°32	T 16
F 17	5 40 12	24° 8'05	13°25'13	25° 8	14°38	23°12	3° 3	9°34	3°46	18°47	2°31	15°31	14°34	18°34	28°29	F 17
S 18	5 44 9	25° 8'56	28°21	26°43	14° 7	23°52	3° 3	9°30	3°44	18°48	2°30	15°26	14°31	18°41	28°26	S 18
S 19	5 48 5	26° 9'49	12°M24	28°17	13°37	24°32	3° 4	9°25	3°41	18°50	2°29	15°23	14°27	18°48	28°24	S 19
M20	5 52 2	27°10'43	26° 2	29°51	13° 9	25°12	3°R 4	9°20	3°39	18°52	2°28	15°D23	14°24	18°54	28°21	M20
T 21	5 55 59	28°11'38	9°21'16	1°32'25	12°42	25°52	3° 4	9°16	3°36	18°54	2°27	15°R23	14°21	19° 1	28°18	T 21
W22	5 59 55	29°12'35	22° 9	3° 0	12°18	26°32	3° 3	9°12	3°34	18°56	2°26	15°23	14°18	19° 8	28°16	W22
T 23	6 3 52	0°31'33	4°M46	4°34	11°56	27°12	3° 3	9° 7	3°31	18°58	2°25	15°21	14°15	19°15	28°13	T 23
F 24	6 7 48	1°14'31	17°10	6° 9	11°37	27°52	3° 2	9° 3	3°29	18°59	2°24	15°17	14°12	19°21	28°11	F 24
S 25	6 11 45	2°15'31	29°24	7°43	11°19	28°33	3° 1	8°58	3°26	19° 1	2°23	15°10	14° 8	19°28	28° 8	S 25
S 26	6 15 41	3°16'32	11°R30	9°18	11° 4	29°13	3° 0	8°54	3°23	19° 3	2°22	15° 0	14° 5	19°35	28° 6	S 26
M27	6 19 38	4°17'34	23°31	10°53	10°52	29°53	2°59	8°50	3°21	19° 5	2°21	14°47	14° 2	19°42	28° 4	M27
T 28	6 23 34	5°18'36	5°32'27	12°28	10°42	0°R33	2°57	8°46	3°18	19° 6	2°20	14°33	13°59	19°48	28° 1	T 28
W29	6 27 31	6°19'39	17°20	14° 3	10°35	1°13	2°56	8°42	3°16	19° 8	2°19	14°17	13°56	19°55	27°59	W29
T 30	6 31 28	7°20'43	29°12	15°38	10°30	1°54	2°54	8°38	3°13	19°10	2°18	14° 3	13°52	20° 2	27°57	T 30
F 31	6 35 24	8°21'47	11°28'3	17°31'3	10°R27	2°R34	2°M52	8°II34	3°21'11	19°M11	2°II17	13°Y50	13°Y49	20°38'8	27°R55	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	21s34	28s 6	5s 2	19s31	0n33	26s15	3s 3	15s 2	0n33	11n16	0n45	19n57	2s 4	23n31	0n13	15s36	1n40	6n21	14s34	6n37	6n 3	27s25	16n21	3s39			
T 2	21 43	26 49	5 5	19 58	0 26	26 1	2 50	15 15	0 33	11 15	0 46	19 56	2 4	23 31	0 13	15 37	1 40	6 20	14 34	6 33	6 2	27 24	16 21	3 39			
F 3	21 52	24 20	4 54	20 23	0 19	25 47	2 38	15 27	0 32	11 14	0 46	19 56	2 4	23 31	0 13	15 37	1 40	6 20	14 34	6 30	6 0	27 23	16 20	3 39			
S 4	22 1	20 49	4 31	20 48	0 12	25 32	2 24	15 39	0 32	11 13	0 46	19 55	2 4	23 31	0 13	15 38	1 40	6 20	14 34	6 28	5 59	27 22	16 19	3 39			
S 5	22 9	16 26	3 56	21 12	0 5	25 16	2 11	15 51	0 31	11 12	0 46	19 54	2 4	23 31	0 13	15 39	1 40	6 20	14 34	6 27	5 58	27 21	16 19	3 39			
M 6	22 17	11 21	3 9	21 34	0s 2	25 0	1 56	16 3	0 31	11 11	0 46	19 54	2 4	23 31	0 13	15 39	1 40	6 20	14 34	6 26	5 57	27 20	16 18	3 39			
T 7	22 24	5 44	2 13	21 56	0 9	24 43	1 42	16 15	0 30	11 10	0 47	19 53	2 4	23 31	0 13	15 40	1 40	6 20	14 34	6 26	5 56	27 19	16 17	3 40			
W 8	22 31	0n16	1 9	22 16	0 15	24 26	1 27	16 27	0 30	11 10	0 47	19 53	2 4	23 31	0 14	15 40	1 40	6 20	14 33	6 26	5 54	27 18	16 17	3 40			
T 9	22 38	6 27	0n 0	22 36	0 22	24 8	1 12	16 38	0 29	11 9	0 47	19 52	2 4	23 31	0 14	15 41	1 40	6 20	14 33	6 27	5 53	27 18	16 16	3 40			
F 10	22 44	12 33	1 12	22 54	0 29	23 50	0 57	16 50	0 29	11 9	0 47	19 51	2 4	23 31	0 14	15 41	1 40	6 19	14 33	6 26	5 52	27 17	16 15	3 40			
S 11	22 50	18 15	2 22	23 11	0 35	23 31	0 41	17 1	0 28	11 8	0 48	19 51	2 4	23 32	0 14	15 42	1 40	6 19	14 33	6 25	5 51	27 16	16 15	3 40			
S 12	22 55	23 6	3 24	23 27	0 41	23 12	0 26	17 12	0 28	11 8	0 48	19 50	2 3	23 32	0 14	15 42	1 40	6 19	14 33	6 23	5 49	27 15	16 14	3 40			
M13	22 59	26 34	4 15	23 41	0 48	22 53	0 10	17 23	0 27	11 8	0 48	19 50	2 3	23 32	0 14	15 43	1 40	6 19	14 33	6 20	5 48	27 14	16 14	3 40			
T 14	23 4	28 10	4 49	23 55	0 54	22 34	0n 6	17 34	0 27	11 7	0 48	19 49	2 3	23 32	0 14	15 43	1 40	6 19	14 33	6 16	5 47	27 13	16 13	3 40			
W15	23 8	27 39	5 2	24 7	1 0	22 15	0 21	17 45	0 26	11 7	0 49	19 48	2 3	23 32	0 14	15 44	1 40	6 19	14 33	6 12	5 46	27 12	16 12	3 40			
T 16	23 11	25 5	4 54	24 18	1 5	21 56	0 36	17 56	0 26	11 7	0 49	19 48	2 3	23 32	0 14	15 44	1 40	6 19	14 33	6 8	5 45	27 11	16 12	3 39			
F 17	23 14	20 52	4 27	24 27	1 11	21 38	0 51	18 6	0 25	11 7	0 49	19 47	2 3	23 32	0 14	15 45	1 40	6 19	14 32	6 5	5 43	27 10	16 11	3 39			
S 18	23 16	15 29	3 42	24 36	1 17	21 19	1 6	18 17	0 25	11 7	0 49	19 47	2 3	23 32	0 14	15 45	1 40	6 19	14 32	6 3	5 42	27 9	16 11	3 39			
S 19	23 18	9 26	2 45	24 43	1 22	21 2	1 21	18 27	0 24	11 7	0 50	19 46	2 3	23 32	0 14	15 46	1 40	6 19	14 32	6 2	5 41	27 8	16 10	3 39			
M20	23 20	3 7	1 41	24 49	1 27	20 44	1 35	18 37	0 23	11 7	0 50	19 46	2 2	23 32	0 14	15 46	1 40	6 19	14 32	6 2	5 40	27 7	16 10	3 39			
T 21	23 21	3s10	0 32	24 53	1 32	20 27	1 48	18 47	0 23	11 8	0 50	19 45	2 2	23 32	0 14	15 47	1 40	6 19	14 32	6 2	5 38	27 6	16 9	3 39			
W22	23 22	9 9	0s36	24 56	1 37	20 11	2 1	18 57	0 22	11 8	0 50	19 45	2 2	23 32	0 14	15 47	1 40	6 19	14 32	6 2	5 37	27 5	16 9	3 39			
T 23	23 22	14 39	1 41	24 58	1 41	19 56	2 14	19 7	0 22	11 8	0 51	19 44	2 2	23 33	0 14	15 48	1 40	6 19	14 31	6 2	5 36	27 3	16 8	3 39			
F 24	23 21	19 27	2 40	24 58	1 45	19 41	2 26	19 17	0 21	11 9	0 51	19 44	2 2	23 33	0 14	15 48	1 40	6 19	14 31	6 0	5 35	27 2	16 8	3 39			
S 25	23 21	23 22	3 30	24 57	1 49	19 27	2 38	19 26	0 21	11 9	0 51	19 43	2 2	23 33	0 14	15 49	1 40	6 19	14 31	5 57	5 34	27 1	16 7	3 39			
S 26	23 19	26 13	4 10	24 55	1 53	19 14	2 49	19 35	0 20	11 10	0 51	19 43	2 1	23 33	0 14	15 49	1 40	6 19	14 31	5 53	5 32	27 0	16 7	3 39			
M27	23 18	27 51	4 39	24 51	1 56	19 2	3 0	19 44	0 20	11 11	0 52	19 42	2 1	23 33	0 14	15 49	1 40	6 19	14 31	5 48	5 31	26 59	16 6	3 39			
T 28	23 15	28 10	4 55	24 46	1 59	18 51	3 10	19 53	0 19	11 12	0 52	19 42	2 1	23 33	0 14	15 50	1 40	6 19	14 31	5 43	5 30	26 58	16 6	3 39			
W29	23 13	27 11	4 59	24 39	2 2	18 40	3 20	20 1	0 18	11 12	0 52	19 41	2 1	23 33	0 14	15 50	1 41	6 19	14 30	5 37	5 29	26 57	16 5	3 39			
T 30	23 9	24 58	4 49	24 31	2 5	18 30	3 28	20 11	0 18	11 13	0 52	19 41	2 1	23 33	0 14	15 51	1 41	6 19	14 30	5 31	5 27	26 56	16 5	3 39			
F 31	23s 6	21s40	4s27	24s21	2s 7	18s22	3n37	20s19	0n17	11n14	0n53	19n41	2s 1	23n33	0n14	15s51	1n41	6n19	14s30	5n26	5n26	26s55	16n 4	3s39			

# ASTRODIENST EPHEMERIS for the year 2620

JANUARY 2620

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 39 21	9°22'52	22°56	18°38	10°D27	3°14	2°R49	8°R30	3°R 8	19°M13	2°R16	13°R40	13°Y46	20°315	27°R53	S 1
S 2	6 43 17	10°23'56	4°54	20°24	10°29	3°55	2°M47	8°M26	3°6	19°14	2°M16	13°Y33	13°43	20°22	27°51	S 2
M 3	6 47 14	11°25'01	17° 0	21°59	10°34	4°35	2°44	8°23	3° 3	19°16	2°15	13°29	13°40	20°29	27°49	M 3
T 4	6 51 10	12°26'06	29°18	23°34	10°41	5°15	2°41	8°19	3° 1	19°18	2°14	13°27	13°37	20°35	27°47	T 4
W 5	6 55 7	13°27'12	11°Y54	25°10	10°50	5°56	2°38	8°15	2°58	19°19	2°13	13°27	13°33	20°42	27°45	W 5
T 6	6 59 3	14°28'17	24°51	26°45	11° 2	6°36	2°35	8°12	2°56	19°21	2°12	13°27	13°30	20°49	27°43	T 6
F 7	7 3 0	15°29'23	8°815	28°20	11°16	7°17	2°32	8° 9	2°53	19°22	2°11	13°25	13°27	20°55	27°41	F 7
S 8	7 6 57	16°30'28	22° 9	29°55	11°31	7°57	2°28	8° 5	2°51	19°23	2°11	13°22	13°24	21° 2	27°39	S 8
S 9	7 10 53	17°31'34	6°M33	18°29	11°49	8°38	2°24	8° 2	2°48	19°25	2°10	13°16	13°21	21° 9	27°37	S 9
M10	7 14 50	18°32'40	21°24	3° 3	12° 9	9°18	2°20	7°59	2°46	19°26	2° 9	13° 7	13°18	21°16	27°36	M10
T 11	7 18 46	19°33'46	6°35	4°37	12°31	9°59	2°16	7°56	2°43	19°27	2° 8	12°56	13°14	21°22	27°34	T 11
W12	7 22 43	20°34'51	21°58	6° 9	12°54	10°39	2°12	7°53	2°41	19°29	2° 8	12°44	13°11	21°29	27°33	W12
T 13	7 26 39	21°35'57	7°M19	7°41	13°20	11°20	2° 7	7°50	2°38	19°30	2° 7	12°33	13° 8	21°36	27°31	T 13
F 14	7 30 36	22°37'03	22°27	9°11	13°47	12° 1	2° 3	7°47	2°36	19°31	2° 6	12°24	13° 5	21°43	27°30	F 14
S 15	7 34 33	23°38'10	7°M13	10°40	14°16	12°41	1°58	7°45	2°34	19°33	2° 6	12°17	13° 2	21°49	27°28	S 15
S 16	7 38 29	24°39'16	21°31	12° 7	14°46	13°22	1°53	7°42	2°31	19°34	2° 5	12°14	12°58	21°56	27°27	S 16
M17	7 42 26	25°40'22	5°M20	13°32	15°18	14° 3	1°48	7°40	2°29	19°35	2° 4	12°12	12°55	22° 3	27°26	M17
T 18	7 46 22	26°41'29	18°40	14°54	15°52	14°43	1°43	7°37	2°27	19°36	2° 4	12°D12	12°52	22° 9	27°24	T 18
W19	7 50 19	27°42'36	1°M35	16°13	16°27	15°24	1°37	7°35	2°25	19°37	2° 3	12°R12	12°49	22°16	27°23	W19
T 20	7 54 15	28°43'43	14°10	17°29	17° 3	16° 5	1°32	7°33	2°22	19°38	2° 3	12°11	12°46	22°23	27°22	T 20
F 21	7 58 12	29°44'51	26°28	18°40	17°41	16°46	1°26	7°31	2°20	19°39	2° 2	12° 8	12°43	22°30	27°21	F 21
S 22	8 2 8	0°45'58	8°M35	19°46	18°20	17°27	1°20	7°29	2°18	19°40	2° 2	12° 2	12°39	22°36	27°20	S 22
S 23	8 6 5	1°47'06	20°34	20°46	19° 0	18° 7	1°14	7°27	2°16	19°41	2° 1	11°53	12°36	22°43	27°19	S 23
M24	8 10 2	2°48'13	2°38	21°40	19°41	18°48	1° 8	7°25	2°14	19°42	2° 1	11°42	12°33	22°50	27°18	M24
T 25	8 13 58	3°49'20	14°20	22°26	20°24	19°29	1° 1	7°24	2°12	19°43	2° 0	11°29	12°30	22°56	27°18	T 25
W26	8 17 55	4°50'27	26°12	23° 3	21° 7	20°10	0°55	7°22	2°10	19°44	2° 0	11°15	12°27	23° 3	27°17	W26
T 27	8 21 51	5°51'33	8°M 4	23°32	21°52	20°51	0°48	7°21	2° 8	19°45	1°59	11° 2	12°24	23°10	27°16	T 27
F 28	8 25 48	6°52'39	20° 0	23°50	22°37	21°32	0°42	7°19	2° 6	19°46	1°59	10°50	12°20	23°17	27°16	F 28
S 29	8 29 44	7°53'44	1°M59	23°R58	23°24	22°13	0°35	7°18	2° 4	19°46	1°59	10°41	12°17	23°23	27°15	S 29
S 30	8 33 41	8°54'49	14° 3	23°54	24°11	22°54	0°28	7°17	2° 2	19°47	1°58	10°35	12°14	23°30	27°15	S 30
M31	8 37 37	9°55'53	26°M16	23°M39	24°M59	23°M35	0°M21	7°M16	2°M 0	19°M48	1°M58	10°Y31	12°Y11	23°M37	27°M14	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	23s 2	17s29	3s53	24s10	2s 9	18s14	3n45	20s28	0n17	11n15	0n53	19n40	2s 0	23n33	0n14	15s51
S 2	22 57	12 36	3 8	23 58	2 10	18 7	3 52	20 36	0 16	11 16	0 53	19 40	2 0	23 33	0 14	15 52
M 3	22 52	7 11	2 15	23 44	2 11	18 1	3 59	20 44	0 15	11 18	0 53	19 39	2 0	23 33	0 14	15 52
T 4	22 47	1 25	1 14	23 29	2 12	17 56	4 5	20 52	0 15	11 19	0 53	19 39	2 0	23 33	0 14	15 53
W 5	22 41	4n34	0 8	23 12	2 12	17 51	4 11	21 0	0 14	11 20	0 54	19 39	2 0	23 33	0 14	15 53
T 6	22 35	10 31	1n 0	22 54	2 12	17 47	4 17	21 7	0 14	11 22	0 54	19 38	1 59	23 34	0 14	15 53
F 7	22 28	16 13	2 7	22 34	2 11	17 44	4 22	21 14	0 13	11 23	0 54	19 38	1 59	23 34	0 14	15 54
S 8	22 21	21 17	3 9	22 13	2 10	17 42	4 26	21 22	0 12	11 25	0 54	19 38	1 59	23 34	0 14	15 54
S 9	22 13	25 17	4 1	21 51	2 8	17 40	4 30	21 29	0 12	11 26	0 55	19 37	1 59	23 34	0 14	15 54
M10	22 5	27 43	4 39	21 27	2 6	17 39	4 34	21 35	0 11	11 28	0 55	19 37	1 58	23 34	0 14	15 55
T 11	21 56	28 10	4 58	21 2	2 3	17 39	4 37	21 42	0 11	11 29	0 55	19 37	1 58	23 34	0 14	15 55
W12	21 47	26 27	4 56	20 36	1 59	17 39	4 40	21 48	0 10	11 31	0 55	19 37	1 58	23 34	0 14	15 55
T 13	21 38	22 47	4 33	20 8	1 55	17 40	4 42	21 55	0 9	11 33	0 56	19 36	1 58	23 34	0 14	15 55
F 14	21 28	17 37	3 51	19 40	1 50	17 41	4 44	22 1	0 9	11 35	0 56	19 36	1 57	23 34	0 14	15 56
S 15	21 18	11 31	2 54	19 10	1 44	17 42	4 46	22 7	0 8	11 37	0 56	19 36	1 57	23 34	0 14	15 56
S 16	21 7	4 59	1 47	18 40	1 37	17 44	4 47	22 13	0 7	11 39	0 56	19 36	1 57	23 34	0 14	15 56
M17	20 56	1s33	0 36	18 9	1 30	17 47	4 48	22 18	0 7	11 41	0 56	19 36	1 57	23 34	0 14	15 57
T 18	20 45	7 49	0s34	17 37	1 22	17 49	4 49	22 23	0 6	11 43	0 57	19 36	1 57	23 34	0 14	15 57
W19	20 33	13 34	1 41	17 5	1 13	17 52	4 50	22 29	0 5	11 45	0 57	19 35	1 56	23 34	0 14	15 57
T 20	20 21	18 35	2 41	16 32	1 2	17 56	4 50	22 34	0 5	11 47	0 57	19 35	1 56	23 34	0 14	15 57
F 21	20 8	22 44	3 32	16 0	0 51	17 59	4 50	22 38	0 4	11 49	0 57	19 35	1 56	23 34	0 14	15 58
S 22	19 55	25 49	4 12	15 28	0 39	18 3	4 49	22 43	0 3	11 52	0 57	19 35	1 56	23 34	0 14	15 58
S 23	19 42	27 42	4 41	14 56	0 26	18 7	4 49	22 47	0 3	11 54	0 58	19 35	1 55	23 34	0 14	15 58
M24	19 28	28 18	4 57	14 26	0 12	18 11	4 48	22 52	0 2	11 56	0 58	19 35	1 55	23 34	0 14	15 58
T 25	19 14	27 35	5 1	13 57	0n 3	18 15	4 47	22 56	0 1	11 59	0 58	19 35	1 55	23 34	0 14	15 58
W26	19 0	25 36	4 51	13 30	0 19	18 19	4 46	22 59	0 0	12 1	0 58	19 35	1 55	23 35	0 14	15 59
T 27	18 45	22 31	4 29	13 5	0 35	18 23	4 44	23 3	0s 0	12 4	0 58	19 35	1 54	23 35	0 14	15 59
F 28	18 30	18 29	3 55	12 42	0 53	18 27	4 42	23 6	0 1	12 6	0 59	19 35	1 54	23 35	0 14	15 59
S 29	18 14	13 42	3 10	12 23	1 11	18 32	4 41	23 10	0 2	12 9	0 59	19 35	1 54	23 35	0 14	15 59
S 30	17 58	8 21	2 16	12 7	1 29	18 36	4 39	23 13	0 2	12 12	0 59	19 35	1 53	23 35	0 14	15 59
M31	17s42	2s38	1s15	11s55	1n47	18s40	4n36	23s15	0s 3	12n14	0n59	19n35	1s53	23n35	0n14	15s59

Julian Day Number = 2677994.5, Delta T = 21m31s  
Ecliptic obliquity = 23°21'40, Nutation = - 0°00'03  
Ayanamsha: Fagan/Bradley = 33°24'45, Lahiri = 32°31'45

# ASTRODIENST EPHEMERIS for the year 2620

FEBRUARY 2620

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 41 34	10°56'56	8°39	23°R12	25°48	24°16	0°R14	7°R15	1°R58	19°M49	1°R58	10°D30	12°Y 8	23°344	27°R14	T 1
W 2	8 45 31	11°57'58	21°16	22°33	26°38	24°57	0°M 7	7°II15	1°56	19°49	1°II57	10°Y31	12° 4	23°50	27°R14	W 2
T 3	8 49 27	12°58'59	4°12	21°45	27°29	25°38	29°59	7°14	1°54	19°50	1°57	10°32	12° 1	23°57	27°13	T 3
F 4	8 53 24	14° 0'00	17°29	20°47	28°20	26°19	29°52	7°13	1°53	19°51	1°57	10°R32	11°58	24° 4	27°13	F 4
S 5	8 57 20	15° 0'59	1°II11	19°41	29°13	27° 0	29°44	7°13	1°51	19°51	1°56	10°30	11°55	24°10	27°13	S 5
S 6	9 1 17	16° 1'58	15°20	18°30	0°3 5	27°42	29°37	7°13	1°49	19°52	1°56	10°27	11°52	24°17	27°D13	S 6
M 7	9 5 13	17° 2'55	29°55	17°16	0°59	28°23	29°29	7°12	1°48	19°52	1°56	10°21	11°49	24°24	27°13	M 7
T 8	9 9 10	18° 3'51	14°50	16° 0	1°53	29° 4	29°22	7°D12	1°46	19°53	1°56	10°14	11°45	24°31	27°13	T 8
W 9	9 13 6	19° 4'47	0°0 0	14°45	2°48	29°45	29°14	7°12	1°45	19°53	1°56	10° 6	11°42	24°37	27°13	W 9
T 10	9 17 3	20° 5'41	15°14	13°33	3°43	0°326	29° 6	7°13	1°43	19°53	1°56	9°58	11°39	24°44	27°14	T 10
F 11	9 21 0	21° 6'34	0°M21	12°26	4°39	1° 8	28°58	7°13	1°42	19°54	1°56	9°51	11°36	24°51	27°14	F 11
S 12	9 24 56	22° 7'26	15°12	11°26	5°36	1°49	28°51	7°13	1°40	19°54	1°55	9°47	11°33	24°57	27°14	S 12
S 13	9 28 53	23° 8'17	29°39	10°32	6°33	2°30	28°43	7°14	1°39	19°54	1°55	9°44	11°30	25° 4	27°15	S 13
M14	9 32 49	24° 9'08	13°38	9°47	7°30	3°12	28°35	7°14	1°38	19°55	1°55	9°D44	11°26	25°11	27°15	M14
T 15	9 36 46	25° 9'57	27° 8	9°10	8°28	3°53	28°27	7°15	1°37	19°55	1°55	9°45	11°23	25°18	27°16	T 15
W16	9 40 42	26°10'46	10°M12	8°42	9°27	4°34	28°19	7°16	1°35	19°55	1°D55	9°46	11°20	25°24	27°16	W16
T 17	9 44 39	27°11'34	22°52	8°22	10°26	5°16	28°11	7°17	1°34	19°55	1°55	9°R47	11°17	25°31	27°17	T 17
F 18	9 48 35	28°12'21	5°13	8°10	11°25	5°57	28° 3	7°18	1°33	19°55	1°55	9°47	11°14	25°38	27°18	F 18
S 19	9 52 32	29°13'08	17°20	8°D 6	12°25	6°39	27°55	7°19	1°32	19°55	1°55	9°45	11°10	25°44	27°18	S 19
S 20	9 56 29	0°13'53	29°18	8° 9	13°26	7°20	27°47	7°20	1°31	19°55	1°56	9°41	11° 7	25°51	27°19	S 20
M21	10 0 25	1°14'37	11°310	8°20	14°26	8° 2	27°39	7°22	1°30	19°R55	1°56	9°36	11° 4	25°58	27°20	M21
T 22	10 4 22	2°15'21	23° 1	8°37	15°27	8°43	27°31	7°23	1°29	19°55	1°56	9°29	11° 1	26° 5	27°21	T 22
W23	10 8 18	3°16'03	4°53	8°59	16°29	9°25	27°23	7°25	1°28	19°55	1°56	9°22	10°58	26°11	27°22	W23
T 24	10 12 15	4°16'44	16°49	9°28	17°30	10° 6	27°15	7°26	1°28	19°55	1°56	9°15	10°55	26°18	27°23	T 24
F 25	10 16 11	5°17'23	28°50	10° 1	18°33	10°48	27° 7	7°28	1°27	19°55	1°56	9° 9	10°51	26°25	27°25	F 25
S 26	10 20 8	6°18'01	10°M59	10°39	19°35	11°30	27° 0	7°30	1°26	19°55	1°56	9° 5	10°48	26°32	27°26	S 26
S 27	10 24 4	7°18'38	23°16	11°21	20°38	12°11	26°52	7°32	1°26	19°55	1°57	9° 2	10°45	26°38	27°27	S 27
M28	10 28 1	8°19'13	5°Y43	12° 8	21°41	12°53	26°44	7°34	1°25	19°54	1°57	9°D 0	10°42	26°45	27°28	M28
T 29	10 31 58	9°19'47	18°Y21	12°58	22°344	13°334	26°37	7°II37	1°24	19°M54	1°II57	9°Y 1	10°Y39	26°352	27°30	T 29

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	17s26	3n16	0s10	11s47	2n 5	18s44	4n34	23s18	0s 4	12n17	0n59	19n36	1s53	23n35	0n14	15s59
W 2	17 9 9	0n57	11 43	2 22	18 48	4 31	23 21	0 5	12 20	1 0	19 36	1 53	23 35	0 14	16 0	1 42
T 3	16 52	14 49	2 3	11 43	2 38	18 52	4 29	23 23	0 5	12 22	1 0	19 36	1 52	23 35	0 14	16 0
F 4	16 34	19 57	3 5	11 47	2 53	18 55	4 26	23 25	0 6	12 25	1 0	19 36	1 52	23 35	0 14	16 0
S 5	16 17	24 12	3 57	11 55	3 6	18 59	4 23	23 26	0 7	12 28	1 0	19 36	1 52	23 35	0 14	16 0
S 6	15 59	27 9	4 37	12 7	3 17	19 2	4 20	23 28	0 8	12 31	1 0	19 36	1 52	23 35	0 14	16 0
M 7	15 41	28 23	5 1	12 21	3 25	19 5	4 16	23 29	0 8	12 33	1 0	19 37	1 51	23 35	0 14	16 0
T 8	15 22	27 35	5 5	12 37	3 31	19 8	4 13	23 31	0 9	12 36	1 0	19 37	1 51	23 35	0 14	16 0
W 9	15 3	24 46	4 48	12 56	3 35	19 10	4 10	23 32	0 10	12 39	1 1	19 37	1 51	23 35	0 14	16 0
T 10	14 44	20 12	4 10	13 15	3 36	19 13	4 6	23 32	0 11	12 42	1 1	19 38	1 51	23 35	0 14	16 0
F 11	14 25	14 22	3 16	13 35	3 35	19 15	4 2	23 33	0 11	12 45	1 1	19 38	1 50	23 35	0 14	16 0
S 12	14 5	7 47	2 8	13 55	3 31	19 16	3 58	23 33	0 12	12 48	1 1	19 38	1 50	23 35	0 14	16 0
S 13	13 46	0 58	0 54	14 14	3 26	19 18	3 54	23 33	0 13	12 50	1 1	19 39	1 50	23 35	0 14	16 0
M14	13 26	5s41	0s21	14 33	3 19	19 19	3 50	23 33	0 14	12 53	1 1	19 39	1 49	23 35	0 14	16 0
T 15	13 5	11 52	1 33	14 50	3 10	19 20	3 46	23 33	0 15	12 56	1 1	19 39	1 49	23 35	0 14	16 0
W16	12 45	17 19	2 37	15 7	3 1	19 20	3 42	23 32	0 16	12 59	1 1	19 40	1 49	23 35	0 14	16 0
T 17	12 24	21 51	3 32	15 22	2 50	19 20	3 38	23 32	0 16	13 2	1 2	19 40	1 49	23 35	0 14	16 0
F 18	12 4	25 17	4 15	15 36	2 39	19 20	3 34	23 31	0 17	13 5	1 2	19 41	1 48	23 35	0 14	16 0
S 19	11 42	27 31	4 46	15 48	2 28	19 19	3 29	23 30	0 18	13 7	1 2	19 41	1 48	23 35	0 14	16 0
S 20	11 21	28 26	5 5	15 59	2 16	19 18	3 25	23 28	0 19	13 10	1 2	19 41	1 48	23 35	0 14	16 0
M21	11 0	28 2	5 10	16 8	2 4	19 16	3 20	23 27	0 20	13 13	1 2	19 42	1 48	23 35	0 14	16 0
T 22	10 38	26 21	5 1	16 16	1 51	19 14	3 16	23 25	0 21	13 16	1 2	19 42	1 47	23 35	0 14	16 0
W23	10 16	23 30	4 40	16 21	1 39	19 11	3 11	23 23	0 21	13 19	1 2	19 43	1 47	23 35	0 14	16 0
T 24	9 55	19 39	4 6	16 26	1 27	19 8	3 6	23 21	0 22	13 22	1 2	19 43	1 47	23 35	0 14	16 0
F 25	9 32	14 59	3 21	16 29	1 15	19 5	3 2	23 18	0 23	13 24	1 2	19 44	1 46	23 35	0 14	16 0
S 26	9 10	9 41	2 27	16 30	1 3	19 1	2 57	23 16	0 24	13 27	1 2	19 45	1 46	23 35	0 14	16 0
S 27	8 48	3 58	1 25	16 30	0 51	18 57	2 52	23 13	0 25	13 30	1 2	19 45	1 46	23 35	0 14	16 0
M28	8 25	1n59	0 18	16 28	0 40	18 52	2 47	23 10	0 26	13 32	1 2	19 46	1 46	23 35	0 14	15 59
T 29	8s 3	7n57	0n51	16s25	0n29	18s47	2n42	23s 7	0s27	13n35	1n 2	19n46	1s45	23n35	0n14	15s59

Julian Day Number = 2678025.5, Delta T = 21m32s  
 Ecliptic obliquity = 23°21'40, Nutation = - 0°00'02  
 Ayanamsha: Fagan/Bradley = 33°24'49, Lahiri = 32°31'49



## ASTRODIENST EPHEMERIS for the year 2620

APRIL 2620

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 38 7	11°Y22'16	22II 3	26X57	28X20	5X57	23°R32	9II40	1E35	19°R30	2II17	8°R51	8Y57	0X27	28X44	S 1
S 2	12 42 4	12°21'50	6E 4	28°42	29°29	6°39	23J28	9°45	1°36	19M28	2°18	8°D50	8°54	0°33	28°47	S 2
M 3	12 46 0	13°21'22	20°13	0Y28	0X38	7°21	23°25	9°51	1°38	19°27	2°19	8Y50	8°51	0°40	28°50	M 3
T 4	12 49 57	14°20'51	4J30	2°15	1°48	8° 3	23°22	9°56	1°39	19°26	2°20	8°51	8°47	0°47	28°53	T 4
W 5	12 53 53	15°20'18	18°51	4° 4	2°57	8°46	23°20	10° 2	1°40	19°25	2°21	8°51	8°44	0°53	28°56	W 5
T 6	12 57 50	16°19'43	3II12	5°54	4° 7	9°28	23°17	10° 7	1°42	19°23	2°22	8°52	8°41	1° 0	28°59	T 6
F 7	13 1 147	17°19'05	17°30	7°46	5°16	10°10	23°15	10°13	1°43	19°22	2°23	8°52	8°38	1° 7	29° 3	F 7
S 8	13 5 43	18°18'26	1E41	9°39	6°26	10°52	23°13	10°18	1°45	19°21	2°24	8°53	8°35	1°14	29° 6	S 8
S 9	13 9 40	19°17'44	15°40	11°33	7°36	11°35	23°11	10°24	1°46	19°19	2°25	8°R53	8°32	1°20	29° 9	S 9
M10	13 13 36	20°17'00	29°23	13°28	8°45	12°17	23° 9	10°30	1°48	19°18	2°26	8°52	8°28	1°27	29°13	M10
T 11	13 17 33	21°16'14	12M49	15°25	9°55	12°59	23° 7	10°36	1°49	19°17	2°27	8°51	8°25	1°34	29°16	T 11
W12	13 21 29	22°15'27	25°55	17°23	11° 5	13°41	23° 6	10°42	1°51	19°15	2°28	8°49	8°22	1°40	29°20	W12
T 13	13 25 26	23°14'37	8X42	19°23	12°15	14°24	23° 5	10°48	1°53	19°14	2°29	8°47	8°19	1°47	29°23	T 13
F 14	13 29 22	24°13'46	21°11	21°23	13°26	15° 6	23° 4	10°54	1°54	19°12	2°30	8°45	8°16	1°54	29°27	F 14
S 15	13 33 19	25°12'53	3E24	23°25	14°36	15°48	23° 3	11° 0	1°56	19°11	2°31	8°44	8°13	2° 1	29°30	S 15
S 16	13 37 16	26°11'58	15°26	25°28	15°46	16°31	23° 2	11° 6	1°58	19°10	2°32	8°42	8° 9	2° 7	29°34	S 16
M17	13 41 12	27°11'02	27°21	27°31	16°56	17°13	23° 2	11°13	2° 0	19° 8	2°33	8°D42	8° 6	2°14	29°37	M17
T 18	13 45 9	28°10'04	9X13	29°36	18° 7	17°55	23° 2	11°19	2° 2	19° 7	2°34	8°42	8° 3	2°21	29°41	T 18
W19	13 49 5	29° 9'04	21° 7	1E41	19°17	18°38	23°D 2	11°25	2° 4	19° 5	2°36	8°44	8° 0	2°27	29°45	W19
T 20	13 53 2	0E 8'02	3X 8	3°46	20°28	19°20	23° 2	11°32	2° 6	19° 4	2°37	8°45	7°57	2°34	29°48	T 20
F 21	13 56 58	1° 6'58	15°20	5°52	21°38	20° 2	23° 2	11°38	2° 8	19° 2	2°38	8°47	7°53	2°41	29°52	F 21
S 22	14 0 55	2° 5'53	27°47	7°58	22°49	20°45	23° 2	11°45	2°10	19° 1	2°39	8°48	7°50	2°47	29°56	S 22
S 23	14 4 51	3° 4'46	10Y31	10° 3	24° 0	21°27	23° 3	11°52	2°12	18°59	2°40	8°R48	7°47	2°54	29°59	S 23
M24	14 8 48	4° 3'37	23°33	12° 8	25°11	22° 9	23° 4	11°58	2°15	18°57	2°42	8°48	7°44	3° 1	0II 3	M24
T 25	14 12 45	5° 2'26	6E55	14°12	26°21	22°52	23° 5	12° 5	2°17	18°56	2°43	8°45	7°41	3° 8	0° 7	T 25
W26	14 16 41	6° 1'13	20°34	16°15	27°32	23°34	23° 6	12°12	2°19	18°54	2°44	8°42	7°38	3°14	0°11	W26
T 27	14 20 38	6°59'58	4II28	18°17	28°43	24°16	23° 8	12°18	2°22	18°53	2°45	8°38	7°34	3°21	0°15	T 27
F 28	14 24 34	7°58'41	18°34	20°16	29°54	24°59	23° 9	12°25	2°24	18°51	2°46	8°34	7°31	3°28	0°19	F 28
S 29	14 28 31	8°57'22	2E46	22°13	1Y 5	25°41	23°11	12°32	2°26	18°49	2°48	8°30	7°28	3°34	0°23	S 29
S 30	14 32 27	9E56'01	17E 2	24E 8	2Y16	26X23	23J13	12II39	2E29	18M48	2II49	8Y27	7Y25	3X41	0II27	S 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	lat
S 1	4n29	28n10	5n 3	3s17	2s16	11s52	0n 9	19s39	0s58	14n36	1n 2	20n13	1s38	23n35	0n14	15s51	1n45	6n45	14s 3	3n30
S 2	4 52	28 30	5 17	2 34	2 14	11 32	0 5	19 30	0 59	14 37	1 2	20 14	1 38	23 35	0 14	15 51	1 46	6 46	14 3	3 30
M 3	5 15	26 58	5 11	1 50	2 12	11 12	0 1	19 20	1 0	14 38	1 2	20 15	1 37	23 35	0 14	15 51	1 46	6 46	14 3	3 30
T 4	5 38	23 42	4 46	1 5	2 9	10 51	0s 3	19 11	1 1	14 39	1 2	20 16	1 37	23 35	0 14	15 50	1 46	6 47	14 2	3 30
W 5	6 1	18 59	4 3	0 19	2 6	10 30	0 7	19 1	1 2	14 40	1 2	20 17	1 37	23 35	0 14	15 50	1 46	6 47	14 2	3 30
T 6	6 24	13 11	3 5	0n28	2 2	10 9	0 11	18 50	1 3	14 41	1 1	20 18	1 37	23 35	0 14	15 49	1 46	6 47	14 2	3 30
F 7	6 47	6 42	1 56	1 16	1 58	9 47	0 15	18 40	1 4	14 42	1 1	20 19	1 37	23 35	0 14	15 49	1 46	6 48	14 2	3 30
S 8	7 9	0s 3	0 40	2 5	1 53	9 25	0 19	18 30	1 5	14 42	1 1	20 20	1 36	23 35	0 14	15 49	1 46	6 48	14 1	3 31
S 9	7 32	6 43	0s37	2 54	1 48	9 3	0 23	18 19	1 6	14 43	1 1	20 21	1 36	23 35	0 14	15 48	1 46	6 49	14 1	3 31
M10	7 54	12 57	1 51	3 44	1 42	8 40	0 26	18 8	1 8	14 43	1 1	20 22	1 36	23 35	0 14	15 48	1 46	6 49	14 1	3 30
T 11	8 16	18 26	2 57	4 35	1 36	8 17	0 30	17 58	1 9	14 44	1 1	20 23	1 36	23 35	0 14	15 47	1 46	6 49	14 1	3 30
W12	8 38	22 55	3 52	5 26	1 29	7 54	0 34	17 47	1 10	14 44	1 1	20 24	1 36	23 35	0 14	15 47	1 46	6 50	14 1	3 29
T 13	9 0	26 11	4 33	6 18	1 22	7 31	0 37	17 35	1 11	14 44	1 1	20 25	1 35	23 35	0 14	15 47	1 46	6 50	14 0	3 28
F 14	9 22	28 4	5 1	7 10	1 14	7 7	0 41	17 24	1 12	14 45	1 1	20 26	1 35	23 35	0 14	15 46	1 46	6 51	14 0	3 28
S 15	9 44	28 33	5 14	8 3	1 6	6 43	0 44	17 13	1 13	14 45	1 1	20 27	1 35	23 35	0 14	15 46	1 46	6 51	14 0	3 27
S 16	10 5	27 39	5 13	8 55	0 57	6 19	0 47	17 1	1 14	14 45	1 1	20 28	1 35	23 35	0 14	15 45	1 46	6 51	14 0	3 26
M17	10 26	25 30	4 59	9 48	0 48	5 55	0 50	16 49	1 15	14 45	1 1	20 29	1 35	23 35	0 14	15 45	1 46	6 52	14 0	3 26
T 18	10 47	22 16	4 32	10 41	0 39	5 30	0 54	16 37	1 17	14 45	1 0	20 30	1 35	23 35	0 14	15 45	1 46	6 52	13 59	3 26
W19	11 8	18 6	3 53	11 34	0 29	5 6	0 57	16 25	1 18	14 45	1 0	20 31	1 34	23 34	0 14	15 44	1 46	6 53	13 59	3 27
T 20	11 29	13 11	3 4	12 26	0 19	4 41	1 0	16 13	1 19	14 45	1 0	20 32	1 34	23 34	0 14	15 44	1 46	6 53	13 59	3 28
F 21	11 49	7 41	2 6	13 18	0 8	4 16	1 2	16 1	1 20	14 45	1 0	20 33	1 34	23 34	0 14	15 43	1 46	6 53	13 59	3 28
S 22	12 10	1 48	1 0	14 9	0n 2	3 50	1 5	15 49	1 21	14 44	1 0	20 34	1 34	23 34	0 14	15 43	1 46	6 54	13 59	3 29
S 23	12 30	4n18	0n 9	15 0	0 13	3 25	1 8	15 36	1 22	14 44	1 0	20 35	1 34	23 34	0 14	15 42	1 46	6 54	13 58	3 29
M24	12 50	10 22	1 20	15 49	0 24	2 59	1 11	15 24	1 23	14 44	1 0	20 36	1 34	23 34	0 14	15 42	1 46	6 54	13 58	3 28
T 25	13 10	16 7	2 28	16 37	0 35	2 34	1 13	15 11	1 25	14 43	1 0	20 37	1 33	23 34	0 14	15 42	1 46	6 55	13 58	3 28
W26	13 29	21 12	3 29	17 23	0 46	2 8	1 16	14 58	1 26	14 43	1 0	20 38	1 33	23 34	0 14	15 41	1 46	6 55	13 58	3 26
T 27	13 48	25 12	4 19	18 8	0 57	1 42	1 18	14 45	1 27	14 42	1 0	20 39	1 33	23 34	0 14	15 41	1 46	6 56	13 58	3 25
F 28	14 7	27 45	4 54	18 50	1 8	1 16	1 20	14 32	1 28	14 41	0 59	20 41	1 33	23 34	0 14	15 40	1 46	6 56	13 58	3 23
S 29	14 26	28 31	5 11	19 31	1 18	0 50	1 22	14 19	1 29	14 41	0 59	20 42	1 33	23 34	0 14	15 40	1 46	6 56	13 57	3 22
S 30	14n45	27n23	5n 9	20n10	1n28	0s24	1s25	14s 6	1s30	14n40	0n59	20n43	1s33	23n34	0n14	15s39	1n46	6n57	13s57	3n20

Julian Day Number = 2678085.5, Delta T = 21m32s

Ecliptic obliquity = 23°21'41, Nutation = - 0°00'03

Ayanamsha: Fagan/Bradley = 33°24'57, Lahiri = 32°31'57

# ASTRODIENST EPHEMERIS for the year 2620

MAY 2620

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 36 24	10♈54'38	1♏17	26♌0	3♊27	27♈5	23♏15	12♐46	2♈31	18°R46	2♐50	8°R25	7♊22	3♈48	0♐31	M 1
T 2	14 40 20	11°53'12	15°29	27°48	4°38	27°48	23°18	12°53	2°34	18♐45	2°51	8°D25	7°19	3°55	0°35	T 2
W 3	14 44 17	12°51'45	29°35	29°34	5°49	28°30	23°20	13°0	2°36	18°43	2°53	8♊26	7°15	4°1	0°38	W 3
T 4	14 48 14	13°50'15	13♐35	1♐15	7°1	29°12	23°23	13°7	2°39	18°41	2°54	8°27	7°12	4°8	0°42	T 4
F 5	14 52 10	14°48'42	27°27	2°53	8°12	29°54	23°26	13°14	2°42	18°40	2°55	8°28	7°9	4°15	0°46	F 5
S 6	14 56 7	15°47'08	11♌10	4°27	9°23	0♈37	23°29	13°22	2°44	18°38	2°57	8°R29	7°6	4°21	0°51	S 6
S 7	15 0 3	16°45'32	24°42	5°57	10°34	1°19	23°32	13°29	2°47	18°37	2°58	8°28	7°3	4°28	0°55	S 7
M 8	15 4 0	17°43'54	8♐3	7°23	11°46	2°1	23°36	13°36	2°50	18°35	2°59	8°25	6°59	4°35	0°59	M 8
T 9	15 7 56	18°42'14	21°11	8°44	12°57	2°43	23°39	13°43	2°52	18°33	3°1	8°20	6°56	4°42	1°3	T 9
W10	15 11 53	19°40'32	4♊4	10°1	14°8	3°25	23°43	13°51	2°55	18°32	3°2	8°13	6°53	4°48	1°7	W10
T 11	15 15 49	20°38'49	16°43	11°13	15°20	4°8	23°47	13°58	2°58	18°30	3°3	8°6	6°50	4°55	1°11	T 11
F 12	15 19 46	21°37'04	29°7	12°21	16°31	4°50	23°51	14°5	3°1	18°28	3°4	7°58	6°47	5°2	1°15	F 12
S 13	15 23 43	22°35'17	11♌19	13°24	17°43	5°32	23°55	14°13	3°4	18°27	3°6	7°51	6°44	5°8	1°19	S 13
S 14	15 27 39	23°33'29	23°20	14°22	18°54	6°14	23°59	14°20	3°7	18°25	3°7	7°45	6°40	5°15	1°23	S 14
M15	15 31 36	24°31'40	5♈15	15°15	20°6	6°56	24°4	14°27	3°10	18°23	3°9	7°41	6°37	5°22	1°27	M15
T 16	15 35 32	25°29'49	17°6	16°3	21°18	7°38	24°9	14°35	3°13	18°22	3°10	7°39	6°34	5°28	1°31	T 16
W17	15 39 29	26°27'56	28°59	16°47	22°29	8°20	24°14	14°42	3°16	18°20	3°11	7°D39	6°31	5°35	1°35	W17
T 18	15 43 25	27°26'02	11♈0	17°25	23°41	9°2	24°19	14°50	3°19	18°19	3°13	7°39	6°28	5°42	1°40	T 18
F 19	15 47 22	28°24'07	23°12	17°59	24°53	9°44	24°24	14°58	3°22	18°17	3°14	7°41	6°25	5°49	1°44	F 19
S 20	15 51 18	29°22'11	5♊41	18°27	26°4	10°26	24°29	15°5	3°25	18°15	3°15	7°R41	6°21	5°55	1°48	S 20
S 21	15 55 15	0♐20'13	18°31	18°50	27°16	11°8	24°35	15°13	3°28	18°14	3°17	7°41	6°18	6°2	1°52	S 21
M22	15 59 12	1°18'13	1♈44	19°8	28°28	11°50	24°40	15°20	3°31	18°12	3°18	7°38	6°15	6°9	1°56	M22
T 23	16 3 8	2°16'13	15°22	19°21	29°40	12°32	24°46	15°28	3°34	18°11	3°19	7°33	6°12	6°15	2°0	T 23
W24	16 7 5	3°14'11	29°23	19°29	0♈52	13°14	24°52	15°36	3°37	18°9	3°21	7°27	6°9	6°22	2°4	W24
T 25	16 11 1	4°12'07	13♐43	19°R32	2°3	13°56	24°58	15°43	3°41	18°8	3°22	7°18	6°5	6°29	2°9	T 25
F 26	16 14 58	5°10'02	28°16	19°30	3°15	14°38	25°4	15°51	3°44	18°6	3°23	7°9	6°2	6°36	2°13	F 26
S 27	16 18 54	6°7'56	12♌55	19°23	4°27	15°19	25°11	15°59	3°47	18°4	3°25	7°1	5°59	6°42	2°17	S 27
S 28	16 22 51	7°5'48	27°33	19°12	5°39	16°1	25°17	16°6	3°50	18°3	3°26	6°54	5°56	6°49	2°21	S 28
M29	16 26 48	8°3'38	12♏4	18°57	6°51	16°43	25°24	16°14	3°54	18°1	3°27	6°49	5°53	6°56	2°25	M29
T 30	16 30 44	9°1'26	26°23	18°38	8°3	17°24	25°31	16°22	3°57	18°0	3°29	6°46	5°50	7°2	2°29	T 30
W31	16 34 41	9♐59'13	10♐28	18♐15	9♌15	18♈6	25♏38	16♐29	4♈0	17♐58	3♐30	6°D45	5♊46	7♈9	2♐33	W31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	15n 3	24n29	4n48	20n46	1n37	0n 3	1s27	13s53	1s32	14n39	0n59	20n44	1s32	23n34	0n14	15s39	1n46	6n57	13s57	3n20	2n55	23s43	16n50	3s26					
T 2	15 21	20 7	4 9	21 20	1 46	0 29	1 29	13 39	1 33	14 38	0 59	20 45	1 32	23 34	0 14	15 38	1 46	6 57	13 57	3 20	2 53	23 41	16 51	3 26					
W 3	15 39	14 38	3 16	21 52	1 55	0 55	1 30	13 26	1 34	14 37	0 59	20 46	1 32	23 34	0 14	15 38	1 46	6 58	13 57	3 20	2 52	23 39	16 51	3 26					
T 4	15 56	8 27	2 11	22 21	2 3	1 22	1 32	13 12	1 35	14 36	0 59	20 47	1 32	23 34	0 14	15 38	1 46	6 58	13 57	3 20	2 51	23 37	16 52	3 26					
F 5	16 14	1 55	1 0	22 47	2 10	1 48	1 34	12 58	1 36	14 35	0 59	20 48	1 32	23 34	0 14	15 37	1 46	6 58	13 57	3 21	2 50	23 35	16 53	3 26					
S 6	16 31	4s38	0s15	23 11	2 16	2 15	1 35	12 45	1 38	14 34	0 59	20 49	1 32	23 34	0 14	15 37	1 46	6 59	13 57	3 21	2 48	23 33	16 54	3 26					
S 7	16 47	10 53	1 27	23 33	2 22	2 41	1 37	12 31	1 39	14 33	0 58	20 50	1 32	23 34	0 14	15 36	1 46	6 59	13 56	3 21	2 47	23 31	16 55	3 26					
M 8	17 4	16 34	2 34	23 52	2 26	3 8	1 38	12 17	1 40	14 32	0 58	20 51	1 31	23 34	0 14	15 36	1 46	6 59	13 56	3 19	2 46	23 29	16 55	3 26					
T 9	17 20	21 23	3 31	24 9	2 30	3 34	1 40	12 3	1 41	14 31	0 58	20 52	1 31	23 34	0 14	15 35	1 46	7 0	13 56	3 18	2 45	23 27	16 56	3 26					
W10	17 36	25 5	4 16	24 24	2 33	4 0	1 41	11 49	1 42	14 29	0 58	20 53	1 31	23 33	0 14	15 35	1 46	7 0	13 56	3 15	2 43	23 25	16 57	3 26					
T 11	17 51	27 28	4 47	24 36	2 35	4 27	1 42	11 34	1 44	14 28	0 58	20 54	1 31	23 33	0 14	15 34	1 46	7 0	13 56	3 12	2 42	23 23	16 58	3 26					
F 12	18 7	28 26	5 5	24 46	2 36	4 53	1 43	11 20	1 45	14 26	0 58	20 55	1 31	23 33	0 14	15 34	1 46	7 1	13 56	3 9	2 41	23 21	16 58	3 26					
S 13	18 21	27 59	5 8	24 54	2 35	5 19	1 44	11 6	1 46	14 25	0 58	20 56	1 31	23 33	0 14	15 33	1 46	7 1	13 56	3 6	2 40	23 19	16 59	3 26					
S 14	18 36	26 14	4 57	25 0	2 34	5 46	1 45	10 51	1 47	14 23	0 58	20 57	1 31	23 33	0 14	15 33	1 46	7 1	13 56	3 4	2 38	23 17	17 0	3 26					
M15	18 50	23 19	4 34	25 4	2 32	6 12	1 46	10 37	1 48	14 22	0 58	20 58	1 31	23 33	0 14	15 33	1 46	7 2	13 56	3 2	2 37	23 15	17 1	3 26					
T 16	19 4	19 27	3 59	25 6	2 29	6 38	1 47	10 22	1 50	14 20	0 58	20 59	1 30	23 33	0 14	15 32	1 46	7 2	13 56	3 2	2 36	23 12	17 2	3 26					
W17	19 18	14 48	3 13	25 6	2 25	7 4	1 47	10 8	1 51	14 18	0 57	20 59	1 30	23 33	0 14	15 32	1 46	7 2	13 56	3 1	2 35	23 10	17 2	3 27					
T 18	19 31	9 34	2 19	25 5	2 19	7 30	1 48	9 53	1 52	14 17	0 57	21 0	1 30	23 33	0 14	15 31	1 46	7 3	13 56	3 2	2 33	23 8	17 3	3 27					
F 19	19 44	3 52	1 17	25 1	2 13	7 55	1 48	9 38	1 53	14 15	0 57	21 1	1 30	23 33	0 14	15 31	1 46	7 3	13 56	3 2	2 32	23 6	17 4	3 27					
S 20	19 57	2n 5	0 11	24 56	2 5	8 21	1 49	9 24	1 54	14 13	0 57	21 2	1 30	23 33	0 14	15 30	1 46	7 3	13 55	3 2	2 31	23 4	17 5	3 27					
S 21	20 9	8 8	0n58	24 50	1 56	8 46	1 49	9 9	1 56	14 11	0 57	21 3	1 30	23 33	0 14	15 30	1 46	7 3	13 55	3 2	2 30	23 2	17 5	3 27					
M22	20 21	14 0	2 5	24 41	1 47	9 12	1 49	8 54	1 57	14 9	0 57	21 4	1 30	23 33	0 14	15 30	1 46	7 4	13 55	3 1	2 28	23 0	17 6	3 27					
T 23	20 33	19 23	3 8	24 32	1 36	9 37	1 49	8 39	1 58	14 7	0 57	21 5	1 30	23 33	0 14	15 29	1 46	7 4	13 55	2 59	2 27	22 58	17 7	3 27					
W24	20 44	23 52	4 0	24 21	1 24	10 2	1 49	8 24	1 59	14 5	0 57	21 6	1 30	23 32	0 14	15 29	1 46	7 4	13 55	2 57	2 26	22 56	17 8	3 27					
T 25	20 55	26 59	4 39	24 8	1 11	10 26	1 49	8 9	2 1	14 3	0 57	21 7	1 30	23 32	0 14	15 28	1 46	7 5	13 55	2 53	2 25	22 53	17 8	3 27					
F 26	21 6	28 22	5 1	23 54	0 57	10 51	1 49	7 54	2 2	14 1	0 57	21 8	1 29	23 32	0 14	15 28	1 46	7 5	13 55	2 50	2 23	22 51	17 9	3 27					
S 27	21 16	27 45	5 3	23 39	0 43	11 15	1 49	7 39	2 3	13 58	0 56	21 9	1 29	23 32	0 14	15 28	1 46	7 5	13 55	2 46	2 22	22 49	17 10	3 27					
S 28	21 25	25 14	4 45	23 23	0 27	11 39	1 49	7 24	2 4	13 56	0 56	21 10	1 29	23 32	0 14	15 27	1 46	7 5	13 55	2 44	2 21	22 47	17 10	3 27					
M29	21 35	21 6	4 9	23 5	0 11	12 3	1 48	7 9	2 5	13 54	0 56	21 10	1 29	23 32	0 14	15 27	1 46	7 6	13 55	2 42	2 20	22 45	17 11	3 27					
T 30	21 44	15 47	3 18	22 47	0s 5	12 27	1 48	6 54	2 7	13 51	0 56	21 11	1 29	23 32	0 14	15 26	1 46	7 6	13 55	2 41	2 18	22 43	17 12	3 28					
W31	21n52	9n42	2n15	22n28	0s23	12n50	1s47	6s39	2s 8	13n49	0n56	21n12	1s29	23n32	0n14	15s26	1n46	7n 6	13s55	2n40	2n17	22s40	17n13	3s28					

# ASTRODIENST EPHEMERIS for the year 2620

JUNE 2620

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 38 37	10♈56'58	24♏18	17°R49	10♈27	18°R47	25♏45	16♈37	4♏4	17°R57	3♈31	6°R46	5°R43	7♈16	2♈38	T 1
F 2	16 42 34	11°54'41	7♈54	17°R20	11°39	19°29	25°52	16°45	4°7	17°R55	3°33	6°R46	5°40	7°22	2°42	F 2
S 3	16 46 30	12°52'23	21°16	16°49	12°51	20°10	25°59	16°53	4°10	17°54	3°34	6°45	5°37	7°29	2°46	S 3
S 4	16 50 27	13°50'04	4♏26	16°17	14°3	20°52	26°7	17°0	4°14	17°53	3°35	6°42	5°34	7°36	2°50	S 4
M 5	16 54 23	14°47'43	17°24	15°43	15°15	21°33	26°14	17°8	4°17	17°51	3°37	6°37	5°31	7°43	2°54	M 5
T 6	16 58 20	15°45'20	0♈11	15°9	16°27	22°14	26°22	17°16	4°20	17°50	3°38	6°28	5°27	7°49	2°58	T 6
W 7	17 2 17	16°42'57	12°48	14°36	17°39	22°55	26°30	17°24	4°24	17°48	3°39	6°18	5°24	7°56	3°2	W 7
T 8	17 6 13	17°40'32	25°13	14°2	18°52	23°37	26°38	17°31	4°27	17°47	3°41	6°6	5°21	8°3	3°6	T 8
F 9	17 10 10	18°38'06	7♈29	13°30	20°4	24°18	26°46	17°39	4°31	17°46	3°42	5°53	5°18	8°9	3°10	F 9
S 10	17 14 6	19°35'40	19°34	13°0	21°16	24°59	26°54	17°47	4°34	17°44	3°43	5°41	5°15	8°16	3°14	S 10
S 11	17 18 3	20°33'12	1♈32	12°33	22°28	25°40	27°2	17°55	4°38	17°43	3°45	5°31	5°11	8°23	3°18	S 11
M12	17 21 59	21°30'43	13°24	12°8	23°40	26°21	27°11	18°2	4°41	17°42	3°46	5°23	5°8	8°29	3°22	M12
T 13	17 25 56	22°28'14	25°14	11°46	24°53	27°1	27°19	18°10	4°45	17°40	3°47	5°18	5°5	8°36	3°26	T 13
W14	17 29 52	23°25'43	7♈6	11°27	26°5	27°42	27°28	18°18	4°48	17°39	3°49	5°15	5°2	8°43	3°30	W14
T 15	17 33 49	24°23'12	19°4	11°13	27°17	28°23	27°37	18°26	4°52	17°38	3°50	5°14	4°59	8°50	3°34	T 15
F 16	17 37 46	25°20'40	1°R15	11°2	28°29	29°4	27°45	18°33	4°55	17°37	3°51	5°14	4°56	8°56	3°38	F 16
S 17	17 41 42	26°18'08	13°42	10°56	29°42	29°44	27°54	18°41	4°59	17°35	3°52	5°13	4°52	9°3	3°42	S 17
S 18	17 45 39	27°15'35	26°32	10°D54	0♈54	0°R25	28°4	18°49	5°2	17°34	3°54	5°12	4°49	9°10	3°46	S 18
M19	17 49 35	28°13'01	9♈48	10°57	2°7	1°5	28°13	18°57	5°6	17°33	3°55	5°9	4°46	9°16	3°50	M19
T 20	17 53 32	29°10'27	23°32	11°4	3°19	1°45	28°22	19°4	5°10	17°32	3°56	5°3	4°43	9°23	3°54	T 20
W21	17 57 28	0♈7'52	7♈43	11°15	4°31	2°25	28°31	19°12	5°13	17°31	3°57	4°54	4°40	9°30	3°58	W21
T 22	18 1 25	1°5'17	22°19	11°31	5°44	3°5	28°41	19°20	5°17	17°30	3°59	4°44	4°37	9°36	4°1	T 22
F 23	18 5 21	2°2'41	7♈13	11°52	6°56	3°45	28°50	19°27	5°20	17°29	4°0	4°33	4°33	9°43	4°5	F 23
S 24	18 9 18	3°0'05	22°15	12°17	8°9	4°25	29°0	19°35	5°24	17°28	4°1	4°22	4°30	9°50	4°9	S 24
S 25	18 13 15	3°57'27	7♈15	12°46	9°21	5°5	29°10	19°42	5°27	17°27	4°2	4°13	4°27	9°57	4°13	S 25
M26	18 17 11	4°54'49	22°6	13°20	10°34	5°45	29°20	19°50	5°31	17°26	4°4	4°7	4°24	10°3	4°17	M26
T 27	18 21 8	5°52'09	6♏40	13°58	11°46	6°24	29°30	19°58	5°34	17°25	4°5	4°3	4°21	10°10	4°20	T 27
W28	18 25 4	6°49'29	20°53	14°40	12°59	7°4	29°40	20°5	5°38	17°24	4°6	4°1	4°17	10°17	4°24	W28
T 29	18 29 1	7°46'48	4♈45	15°27	14°12	7°43	29°50	20°13	5°42	17°23	4°7	4°1	4°14	10°23	4°28	T 29
F 30	18 32 57	8°44'06	18♈16	16°17	15°12	8°R22	0♏0	20°12	5°45	17°12	4°8	4°R1	4°R11	10°30	4°31	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	22n 1	3n16	1n 6	22n 8	0s40	13n13	1s47	6s24	2s 9	13n47	0n56	21n13	1s29	23n32	0n14	15s26
F 2	22 9	3s13	0s 6	21 48	0 58	13 36	1 46	6 9	2 10	13 44	0 56	21 14	1 29	23 32	0 14	15 25
S 3	22 16	9 27	1 16	21 28	1 15	13 58	1 46	5 54	2 11	13 42	0 56	21 15	1 29	23 32	0 14	15 25
S 4	22 23	15 10	2 21	21 7	1 33	14 20	1 45	5 39	2 13	13 39	0 56	21 15	1 29	23 31	0 14	15 24
M 5	22 30	20 8	3 18	20 46	1 50	14 42	1 44	5 24	2 14	13 36	0 56	21 16	1 29	23 31	0 14	15 24
T 6	22 36	24 6	4 4	20 26	2 7	15 4	1 43	5 8	2 15	13 34	0 56	21 17	1 29	23 31	0 14	15 24
W 7	22 42	26 50	4 37	20 6	2 23	15 25	1 42	4 53	2 16	13 31	0 56	21 18	1 29	23 31	0 14	15 23
T 8	22 48	28 12	4 56	19 47	2 38	15 45	1 41	4 38	2 18	13 28	0 55	21 19	1 28	23 31	0 14	15 23
F 9	22 53	28 9	5 1	19 29	2 53	16 6	1 40	4 23	2 19	13 25	0 55	21 19	1 28	23 31	0 14	15 23
S 10	22 57	26 46	4 52	19 12	3 7	16 26	1 38	4 8	2 20	13 22	0 55	21 20	1 28	23 31	0 14	15 22
S 11	23 2	24 9	4 31	18 56	3 19	16 46	1 37	3 53	2 21	13 19	0 55	21 21	1 28	23 31	0 14	15 22
M12	23 5	20 33	3 58	18 42	3 30	17 5	1 36	3 38	2 22	13 16	0 55	21 22	1 28	23 31	0 14	15 22
T 13	23 9	16 8	3 15	18 29	3 40	17 24	1 34	3 22	2 23	13 13	0 55	21 22	1 28	23 30	0 14	15 21
W14	23 12	11 6	2 23	18 18	3 49	17 42	1 33	3 7	2 25	13 10	0 55	21 23	1 28	23 30	0 14	15 21
T 15	23 15	5 36	1 24	18 9	3 57	18 0	1 32	2 52	2 26	13 7	0 55	21 24	1 28	23 30	0 14	15 21
F 16	23 17	0n10	0 21	18 1	4 3	18 18	1 30	2 37	2 27	13 4	0 55	21 25	1 28	23 30	0 14	15 20
S 17	23 19	6 5	0n45	17 55	4 8	18 35	1 28	2 22	2 28	13 1	0 55	21 25	1 28	23 30	0 14	15 20
S 18	23 20	11 55	1 50	17 51	4 11	18 52	1 27	2 7	2 29	12 58	0 55	21 26	1 28	23 30	0 14	15 20
M19	23 21	17 25	2 52	17 49	4 14	19 8	1 25	1 52	2 30	12 55	0 55	21 27	1 28	23 30	0 14	15 20
T 20	23 22	22 14	3 46	17 49	4 15	19 23	1 23	1 38	2 32	12 51	0 55	21 27	1 28	23 30	0 14	15 19
W21	23 22	25 56	4 28	17 50	4 15	19 39	1 21	1 23	2 33	12 48	0 55	21 28	1 28	23 29	0 14	15 19
T 22	23 21	28 1	4 53	17 53	4 14	19 53	1 19	1 8	2 34	12 45	0 54	21 29	1 28	23 29	0 14	15 19
F 23	23 21	28 9	5 0	17 58	4 12	20 7	1 17	0 53	2 35	12 41	0 54	21 29	1 28	23 29	0 14	15 18
S 24	23 20	26 14	4 46	18 4	4 9	20 21	1 15	0 38	2 36	12 38	0 54	21 30	1 28	23 29	0 14	15 18
S 25	23 18	22 28	4 12	18 12	4 6	20 34	1 13	0 24	2 37	12 34	0 54	21 30	1 28	23 29	0 14	15 18
M26	23 16	17 17	3 22	18 20	4 1	20 47	1 11	0 9	2 38	12 31	0 54	21 31	1 28	23 29	0 14	15 18
T 27	23 14	11 11	2 19	18 31	3 55	20 59	1 9	0n 5	2 40	12 27	0 54	21 32	1 28	23 29	0 14	15 18
W28	23 11	4 39	1 9	18 42	3 49	21 10	1 7	0 20	2 41	12 24	0 54	21 32	1 28	23 28	0 14	15 17
T 29	23 8	1s56	0s 4	18 54	3 42	21 21	1 5	0 34	2 42	12 20	0 54	21 33	1 28	23 28	0 14	15 17
F 30	23n 4	8s17	1s15	19n 7	3s34	21n31	1s 3	0n49	2s43	12n17	0n54	21n33	1s27	23n28	0n14	15s17

Julian Day Number = 2678146.5, Delta T = 21m33s  
 Ecliptic obliquity = 23°21'40, Nutation = - 0°00'02  
 Ayanamsha: Fagan/Bradley = 33°25'06, Lahiri = 32°32'06

## ASTRODIENST EPHEMERIS for the year 2620

JULY 2620

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 36 54	9°41'23	1°18'28	17°11'11	16°11'37	9°1'1	0°11'11	20°11'28	5°49'49	17°17'21	4°11'9	4°17'0	4°17'8	10°33'37	4°11'35	S 1
S 2	18 40 50	10°38'40	14°24'24	18°10'10	17°49'17	9°40'40	0°21'21	20°35'35	5°52'52	17°17'20	4°10'40	3°17'56	4°5'5	10°43'43	4°38'38	S 2
M 3	18 44 47	11°35'56	27°6'6	19°12'12	19°2'2	10°19'19	0°31'31	20°43'43	5°56'56	17°20'20	4°12'42	3°50'50	4°2'2	10°50'50	4°42'42	M 3
T 4	18 48 44	12°33'12	9°37'37	20°18'18	20°15'15	10°58'58	0°42'42	20°50'50	5°59'59	17°19'19	4°13'43	3°41'41	3°58'58	10°57'57	4°45'45	T 4
W 5	18 52 40	13°30'27	21°58'58	21°28'28	21°28'28	11°36'36	0°53'53	20°58'58	6°3'3	17°18'18	4°14'44	3°30'30	3°55'55	11°4'4	4°49'49	W 5
T 6	18 56 37	14°27'41	4°31'10	22°41'41	22°40'40	12°15'15	1°3'3	21°5'5	6°7'7	17°17'17	4°15'45	3°17'17	3°52'52	11°10'10	4°52'52	T 6
F 7	19 0 33	15°24'55	16°15'15	23°58'58	23°53'53	12°53'53	1°14'14	21°12'12	6°10'10	17°17'17	4°16'46	3°4'4	3°49'49	11°17'17	4°56'56	F 7
S 8	19 4 30	16°22'09	28°13'13	25°19'19	25°6'6	13°31'31	1°25'25	21°20'20	6°14'14	17°16'16	4°17'47	2°51'51	3°46'46	11°24'24	4°59'59	S 8
S 9	19 8 26	17°19'23	10°33'33	26°43'43	26°19'19	14°9'9	1°36'36	21°27'27	6°17'17	17°15'15	4°18'48	2°40'40	3°43'43	11°30'30	5°2'2	S 9
M10	19 12 23	18°16'36	21°57'57	28°11'11	27°31'31	14°47'47	1°47'47	21°34'34	6°21'21	17°15'15	4°19'49	2°32'32	3°39'39	11°37'37	5°6'6	M10
T 11	19 16 20	19°13'50	3°46'46	29°43'43	28°44'44	15°25'25	1°58'58	21°41'41	6°24'24	17°14'14	4°20'40	2°26'26	3°36'36	11°44'44	5°9'9	T 11
W12	19 20 16	20°11'03	15°38'38	1°17'17	29°57'57	16°3'3	2°9'9	21°48'48	6°28'28	17°14'14	4°21'41	2°23'23	3°33'33	11°50'50	5°12'12	W12
T 13	19 24 13	21°8'17	27°36'36	2°56'56	1°17'17	16°40'40	2°20'20	21°56'56	6°31'31	17°13'13	4°22'42	2°D21	3°30'30	11°57'57	5°15'15	T 13
F 14	19 28 9	22°5'30	9°17'46	4°37'37	2°23'23	17°17'17	2°32'32	22°3'3	6°35'35	17°13'13	4°23'43	2°21'21	3°27'27	12°4'4	5°19'19	F 14
S 15	19 32 6	23°2'44	22°12'12	6°22'22	3°36'36	17°54'54	2°43'43	22°10'10	6°38'38	17°12'12	4°24'44	2°R22	3°23'23	12°10'10	5°22'22	S 15
S 16	19 36 2	23°59'59	4°38'58	8°10'10	4°49'49	18°31'31	2°54'54	22°17'17	6°42'42	17°12'12	4°25'45	2°21'21	3°20'20	12°17'17	5°25'25	S 16
M17	19 39 59	24°57'13	18°11'11	10°1'1	6°2'2	19°8'8	3°6'6	22°24'24	6°45'45	17°11'11	4°26'46	2°19'19	3°17'17	12°24'24	5°28'28	M17
T 18	19 43 55	25°54'28	1°11'11	11°54'54	7°15'15	19°44'44	3°17'17	22°31'31	6°48'48	17°11'11	4°27'47	2°15'15	3°14'14	12°31'31	5°31'31	T 18
W19	19 47 52	26°51'43	16°3'3	13°51'51	8°28'28	20°21'21	3°29'29	22°38'38	6°52'52	17°11'11	4°28'48	2°8'8	3°11'11	12°37'37	5°34'34	W19
T 20	19 51 49	27°48'59	0°41'41	15°49'49	9°41'41	20°57'57	3°41'41	22°44'44	6°55'55	17°10'10	4°29'49	2°0'0	3°8'8	12°44'44	5°37'37	T 20
F 21	19 55 45	28°46'15	15°41'41	17°51'51	10°54'54	21°33'33	3°52'52	22°51'51	6°59'59	17°10'10	4°29'49	1°50'50	3°4'4	12°51'51	5°40'40	F 21
S 22	19 59 42	29°43'31	0°43'31	19°54'54	12°7'7	22°8'8	4°4'4	22°58'58	7°2'2	17°10'10	4°30'40	1°41'41	3°1'1	12°57'57	5°43'43	S 22
S 23	20 3 38	0°40'48	16°8'8	21°58'58	13°20'20	22°44'44	4°16'16	23°5'5	7°5'5	17°10'10	4°31'41	1°34'34	2°58'58	13°4'4	5°45'45	S 23
M24	20 7 35	1°38'04	1°17'17	24°4'4	14°34'34	23°19'19	4°28'28	23°11'11	7°9'9	17°9'9	4°32'42	1°28'28	2°55'55	13°11'11	5°48'48	M24
T 25	20 11 31	2°35'20	16°3'3	26°12'12	15°47'47	23°54'54	4°40'40	23°18'18	7°12'12	17°9'9	4°33'43	1°25'25	2°52'52	13°17'17	5°51'51	T 25
W26	20 15 28	3°32'37	0°42'42	28°20'20	17°0'0	24°29'29	4°52'52	23°25'25	7°15'15	17°9'9	4°34'44	1°D24	2°49'49	13°24'24	5°54'54	W26
T 27	20 19 24	4°29'53	14°30'30	0°42'42	18°13'13	25°3'3	5°4'4	23°31'31	7°19'19	17°9'9	4°34'44	1°25'25	2°45'45	13°31'31	5°56'56	T 27
F 28	20 23 21	5°27'10	28°5'5	2°37'37	19°27'27	25°37'37	5°16'16	23°38'38	7°22'22	17°9'9	4°35'45	1°26'26	2°42'42	13°37'37	5°59'59	F 28
S 29	20 27 18	6°24'27	11°16'16	4°45'45	20°40'40	26°11'11	5°28'28	23°44'44	7°25'25	17°D9	4°36'46	1°R26	2°39'39	13°44'44	6°1'1	S 29
S 30	20 31 14	7°21'44	24°8'8	6°54'54	21°53'53	26°45'45	5°40'40	23°50'50	7°28'28	17°9'9	4°37'47	1°24'24	2°36'36	13°51'51	6°4'4	S 30
M31	20 35 11	8°19'01	6°42'42	9°41'41	23°57'57	27°19'19	5°17'17	23°57'57	7°32'32	17°17'17	4°38'48	1°Y21	2°Y33	13°58'58	6°11'11	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	23n 1	14s 8	2s20	19n20	3s25	21n41	1s 1	1n 3	2s44	12n13	0n54	21n34	1s27	23n28	0n14	15s17
S 2	22 56	19 13	3 16	19 35	3 16	21 50	0 58	1 17	2 45	12 9	0 54	21 34	1 27	23 28	0 14	15 17
M 3	22 51	23 22	4 1	19 49	3 7	21 59	0 56	1 31	2 46	12 5	0 54	21 35	1 27	23 28	0 14	15 16
T 4	22 46	26 21	4 35	20 4	2 57	22 7	0 54	1 46	2 47	12 2	0 54	21 36	1 27	23 28	0 14	15 16
W 5	22 41	28 1	4 54	20 20	2 46	22 14	0 51	2 0	2 48	11 58	0 54	21 36	1 27	23 27	0 14	15 16
T 6	22 35	28 18	5 0	20 35	2 35	22 21	0 49	2 13	2 49	11 54	0 54	21 37	1 27	23 27	0 14	15 16
F 7	22 28	27 13	4 52	20 50	2 24	22 27	0 46	2 27	2 50	11 50	0 54	21 37	1 27	23 27	0 14	15 16
S 8	22 22	24 53	4 32	21 5	2 12	22 32	0 44	2 41	2 51	11 46	0 54	21 37	1 27	23 27	0 14	15 16
S 9	22 15	21 30	3 59	21 19	2 0	22 37	0 42	2 55	2 52	11 42	0 54	21 38	1 27	23 27	0 14	15 15
M10	22 7	17 15	3 17	21 33	1 48	22 41	0 39	3 8	2 53	11 38	0 54	21 38	1 27	23 27	0 14	15 15
T 11	21 59	12 21	2 26	21 46	1 36	22 45	0 37	3 22	2 55	11 34	0 53	21 39	1 27	23 27	0 14	15 15
W12	21 51	7 0	1 28	21 58	1 23	22 48	0 34	3 35	2 56	11 30	0 53	21 39	1 27	23 26	0 14	15 15
T 13	21 42	1 20	0 25	22 9	1 11	22 50	0 32	3 49	2 56	11 26	0 53	21 40	1 27	23 26	0 14	15 15
F 14	21 33	4n28	0n39	22 19	0 58	22 51	0 29	4 2	2 57	11 22	0 53	21 40	1 27	23 26	0 14	15 15
S 15	21 24	10 13	1 44	22 27	0 46	22 52	0 26	4 15	2 58	11 18	0 53	21 41	1 27	23 26	0 14	15 15
S 16	21 14	15 43	2 44	22 34	0 33	22 53	0 24	4 28	2 59	11 14	0 53	21 41	1 27	23 26	0 14	15 15
M17	21 4	20 41	3 39	22 38	0 21	22 52	0 21	4 41	3 0	11 10	0 53	21 41	1 27	23 26	0 14	15 15
T 18	20 54	24 45	4 22	22 41	0 9	22 51	0 19	4 54	3 1	11 6	0 53	21 42	1 27	23 25	0 14	15 15
W19	20 43	27 28	4 52	22 41	0n 3	22 49	0 16	5 6	3 2	11 1	0 53	21 42	1 27	23 25	0 14	15 15
T 20	20 32	28 25	5 3	22 40	0 14	22 47	0 14	5 19	3 3	10 57	0 53	21 42	1 27	23 25	0 14	15 15
F 21	20 20	27 19	4 55	22 35	0 25	22 44	0 11	5 31	3 4	10 53	0 53	21 43	1 27	23 25	0 14	15 15
S 22	20 9	24 13	4 25	22 29	0 35	22 40	0 9	5 44	3 5	10 49	0 53	21 43	1 27	23 25	0 14	15 15
S 23	19 56	19 24	3 37	22 19	0 45	22 36	0 6	5 56	3 6	10 44	0 53	21 43	1 27	23 25	0 14	15 15
M24	19 44	13 24	2 34	22 7	0 54	22 31	0 3	6 8	3 7	10 40	0 53	21 44	1 28	23 24	0 14	15 15
T 25	19 31	6 44	1 21	21 52	1 3	22 25	0 1	6 20	3 8	10 36	0 53	21 44	1 28	23 24	0 14	15 15
W26	19 18	0s 7	0 5	21 35	1 11	22 19	0n 2	6 32	3 8	10 31	0 53	21 44	1 28	23 24	0 14	15 15
T 27	19 4	6 46	1s10	21 15	1 18	22 12	0 4	6 44	3 9	10 27	0 53	21 45	1 28	23 24	0 14	15 15
F 28	18 51	12 54	2 18	20 53	1 24	22 4	0 7	6 55	3 10	10 22	0 53	21 45	1 28	23 24	0 14	15 15
S 29	18 37	18 17	3 17	20 28	1 30	21 56	0 9	7 7	3 11	10 18	0 53	21 45	1 28	23 24	0 14	15 15
S 30	18 22	22 41	4 4	20 1	1 34	21 47	0 12	7 18	3 12	10 13	0 53	21 46	1 28	23 23	0 14	15 15
M31	18n 8	25s56	4s39	19n31	1n38	21n37	0n14	7n29	3s12	10n 9	0n53	21n46	1s28	23n23	0n14	15s15

Julian Day Number = 2678176.5, Delta T = 21m33s

Ecliptic obliquity = 23°21'40, Nutation = - 0°00'01

Ayanamsha: Fagan/Bradley = 33°25'10, Lahiri = 32°32'10



# ASTRODIENST EPHEMERIS for the year 2620

SEPTEMBER 2620

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 41 20	8♍59°18	4♋6	4♋23	2♍27	12♌4	12♍40	26♏44	8♏59	17♎27	4♏49	29°R53	0°Y51	17♋31	6♏56	F 1
S 2	22 45 17	9°57'06	15°56	5°40	3°41	12°24	12°53	26°48	9°1	17°28	4°49	29°K50	0°48	17°38	6°57	S 2
S 3	22 49 14	10°54'55	27°47	6°55	4°56	12°44	13°6	26°52	9°3	17°30	4°49	29°47	0°45	17°45	6°57	S 3
M 4	22 53 10	11°52'45	9♋40	8°9	6°10	13°2	13°19	26°56	9°5	17°31	4°R49	29°45	0°41	17°52	6°58	M 4
T 5	22 57 7	12°50'37	21°38	9°21	7°24	13°21	13°32	26°59	9°7	17°32	4°49	29°44	0°38	17°58	6°58	T 5
W 6	23 1 3	13°48'30	3♍43	10°30	8°38	13°38	13°45	27°3	9°9	17°33	4°49	29°D44	0°35	18°5	6°59	W 6
T 7	23 5 0	14°46'25	15°56	11°38	9°53	13°55	13°58	27°6	9°11	17°34	4°49	29°44	0°32	18°12	6°59	T 7
F 8	23 8 56	15°44'22	28°21	12°43	11°7	14°12	14°11	27°10	9°13	17°35	4°49	29°45	0°29	18°18	6°59	F 8
S 9	23 12 53	16°42'20	10♌58	13°46	12°21	14°27	14°24	27°13	9°15	17°37	4°49	29°46	0°26	18°25	6°59	S 9
S 10	23 16 49	17°40'20	23°52	14°47	13°36	14°42	14°37	27°16	9°17	17°38	4°49	29°47	0°22	18°32	6°59	S 10
M11	23 20 46	18°38'22	7♏3	15°45	14°50	14°56	14°50	27°19	9°18	17°39	4°49	29°48	0°19	18°38	6°R59	M11
T 12	23 24 43	19°36'26	20°35	16°40	16°4	15°10	15°3	27°22	9°20	17°41	4°49	29°R48	0°16	18°45	6°59	T 12
W13	23 28 39	20°34'32	4♏29	17°32	17°19	15°23	15°16	27°25	9°22	17°42	4°49	29°48	0°13	18°52	6°59	W13
T 14	23 32 36	21°32'40	18°43	18°21	18°33	15°35	15°29	27°28	9°23	17°44	4°48	29°48	0°10	18°58	6°59	T 14
F 15	23 36 32	22°30'50	3♏17	19°7	19°48	15°46	15°42	27°31	9°25	17°45	4°48	29°47	0°6	19°5	6°59	F 15
S 16	23 40 29	23°29'01	18°5	19°50	21°2	15°57	15°55	27°33	9°26	17°46	4°48	29°46	0°3	19°12	6°59	S 16
S 17	23 44 25	24°27'15	3♍2	20°28	22°17	16°6	16°8	27°36	9°28	17°48	4°48	29°45	0°0	19°18	6°59	S 17
M18	23 48 22	25°25'30	17°59	21°3	23°31	16°15	16°21	27°38	9°29	17°49	4°47	29°45	29°K57	19°25	6°58	M18
T 19	23 52 18	26°23'47	2♌49	21°33	24°46	16°24	16°34	27°41	9°31	17°51	4°47	29°D45	29°54	19°32	6°58	T 19
W20	23 56 15	27°22'06	17°23	21°59	26°0	16°31	16°47	27°43	9°32	17°53	4°47	29°45	29°51	19°38	6°57	W20
T 21	0 0 12	28°20'26	1♎37	22°20	27°15	16°37	17°0	27°45	9°33	17°54	4°46	29°45	29°47	19°45	6°57	T 21
F 22	0 4 8	29°18'48	15°26	22°35	28°29	16°43	17°13	27°47	9°35	17°56	4°46	29°R45	29°44	19°52	6°56	F 22
S 23	0 8 5	0♌17'12	28°49	22°45	29°44	16°48	17°26	27°49	9°36	17°57	4°46	29°45	29°41	19°58	6°55	S 23
S 24	0 12 1	1°15'37	11♌49	22°R49	0♌58	16°52	17°39	27°51	9°37	17°59	4°45	29°45	29°38	20°5	6°55	S 24
M25	0 15 58	2°14'04	24°26	22°47	2°13	16°55	17°52	27°52	9°38	18°1	4°45	29°45	29°35	20°12	6°54	M25
T 26	0 19 54	3°12'32	6♌45	22°38	3°28	16°57	18°4	27°54	9°39	18°2	4°44	29°D45	29°32	20°18	6°53	T 26
W27	0 23 51	4°11'02	18°50	22°23	4°42	16°58	18°17	27°56	9°40	18°4	4°44	29°45	29°28	20°25	6°52	W27
T 28	0 27 47	5°9'33	0♌46	22°0	5°57	16°R59	18°30	27°57	9°41	18°6	4°43	29°46	29°25	20°32	6°51	T 28
F 29	0 31 44	6°8'07	12°36	21°31	7°12	16°59	18°43	27°58	9°42	18°8	4°43	29°46	29°22	20°38	6°50	F 29
S 30	0 35 41	7♌6'41	24°26	20♌54	8♌26	16♌57	18♍55	27♏59	9♏43	18♎9	4♏42	29°K47	29°K19	20°45	6♏49	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	8n10	23s23	4s20	2s36	0s56	11n44	1n15	12n7	3s27	7n37	0n54	21n50	1s30	23n18	0n15	15s22
S 2	7 49	19 29	3 39	3 15	1 6	11 18	1 16	12 13	3 27	7 32	0 54	21 50	1 30	23 18	0 15	15 22
S 3	7 27	14 49	2 47	3 53	1 15	10 52	1 17	12 19	3 27	7 27	0 54	21 50	1 30	23 18	0 15	15 22
M 4	7 5	9 36	1 49	4 31	1 24	10 26	1 18	12 25	3 27	7 22	0 54	21 50	1 30	23 18	0 15	15 23
T 5	6 43	3 59	0 45	5 8	1 34	9 59	1 19	12 30	3 27	7 17	0 54	21 50	1 30	23 18	0 15	15 23
W 6	6 21	1n49	0n22	5 44	1 43	9 32	1 20	12 36	3 26	7 12	0 54	21 50	1 30	23 18	0 15	15 23
T 7	5 59	7 37	1 29	6 19	1 53	9 5	1 20	12 41	3 26	7 7	0 54	21 50	1 30	23 18	0 15	15 24
F 8	5 36	13 13	2 32	6 53	2 2	8 38	1 21	12 46	3 26	7 2	0 54	21 50	1 30	23 18	0 15	15 24
S 9	5 14	18 23	3 29	7 26	2 11	8 10	1 22	12 51	3 26	6 57	0 54	21 50	1 30	23 17	0 15	15 25
S 10	4 51	22 49	4 17	7 58	2 20	7 42	1 22	12 55	3 25	6 52	0 54	21 50	1 30	23 17	0 15	15 25
M11	4 29	26 13	4 52	8 29	2 29	7 14	1 23	13 0	3 25	6 47	0 54	21 50	1 30	23 17	0 15	15 25
T 12	4 6	28 14	5 13	8 58	2 38	6 46	1 24	13 4	3 25	6 42	0 54	21 50	1 30	23 17	0 15	15 26
W13	3 43	28 33	5 16	9 26	2 47	6 17	1 24	13 8	3 24	6 37	0 54	21 50	1 31	23 17	0 15	15 26
T 14	3 21	27 0	5 0	9 53	2 56	5 48	1 24	13 12	3 24	6 32	0 54	21 50	1 31	23 17	0 15	15 27
F 15	2 58	23 39	4 25	10 18	3 4	5 20	1 25	13 16	3 23	6 27	0 54	21 50	1 31	23 17	0 15	15 27
S 16	2 35	18 42	3 31	10 42	3 12	4 51	1 25	13 19	3 23	6 22	0 54	21 50	1 31	23 17	0 15	15 28
S 17	2 12	12 35	2 23	11 3	3 20	4 21	1 25	13 23	3 22	6 17	0 54	21 49	1 31	23 17	0 15	15 28
M18	1 49	5 44	1 5	11 23	3 27	3 52	1 25	13 26	3 21	6 12	0 54	21 49	1 31	23 17	0 15	15 29
T 19	1 26	1s23	0s17	11 41	3 34	3 23	1 25	13 29	3 21	6 7	0 55	21 49	1 31	23 17	0 15	15 29
W20	1 3	8 17	1 36	11 56	3 40	2 53	1 25	13 32	3 20	6 2	0 55	21 49	1 31	23 17	0 15	15 30
T 21	0 39	14 37	2 48	12 10	3 46	2 23	1 25	13 34	3 19	5 57	0 55	21 49	1 31	23 16	0 15	15 30
F 22	0 16	20 2	3 47	12 20	3 51	1 54	1 25	13 37	3 18	5 53	0 55	21 49	1 31	23 16	0 15	15 30
S 23	0s7	24 16	4 32	12 28	3 55	1 24	1 25	13 39	3 17	5 48	0 55	21 49	1 31	23 16	0 15	15 31
S 24	0 30	27 7	5 2	12 32	3 59	0 54	1 24	13 41	3 16	5 43	0 55	21 49	1 32	23 16	0 15	15 31
M25	0 53	28 30	5 16	12 34	4 1	0 24	1 24	13 43	3 15	5 38	0 55	21 49	1 32	23 16	0 15	15 32
T 26	1 16	28 26	5 15	12 32	4 2	0s6	1 23	13 45	3 13	5 33	0 55	21 49	1 32	23 16	0 15	15 32
W27	1 39	27 0	5 0	12 26	4 2	0 36	1 23	13 47	3 12	5 28	0 55	21 49	1 32	23 16	0 16	15 33
T 28	2 3	24 21	4 32	12 16	4 1	1 6	1 22	13 48	3 11	5 23	0 55	21 49	1 32	23 16	0 16	15 33
F 29	2 26	20 42	3 53	12 3	3 58	1 36	1 22	13 49	3 9	5 18	0 55	21 49	1 32	23 16	0 16	15 34
S 30	2s49	16s13	3s4	11s45	3s54	2s6	1n21	13n50	3s8	5n13	0n55	21n49	1s32	23n16	0n16	15s35

Julian Day Number = 2678238.5, Delta T = 21m34s  
 Ecliptic obliquity = 23°21'41, Nutation = 0°00'01  
 Ayanamsha: Fagan/Bradley = 33°25'18, Lahiri = 32°32'18

## ASTRODIENST EPHEMERIS for the year 2620

OCTOBER 2620

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 39 37	8♌ 5'18	6♋ 19	20°R11	9♏41	16°R55	19♏ 8	28♏ 0	9♏43	18♏11	4°R42	29♋48	29♋16	20♏52	6°R48	S 1
M 2	0 43 34	9° 3'56	18°18	19♏22	10°56	16♏52	19°21	28° 1	9°44	18°13	4♏41	29°48	29°12	20°58	6♏46	M 2
T 3	0 47 30	10° 2'36	0♏26	18°27	12°10	16°48	19°33	28° 2	9°45	18°15	4°41	29°R49	29° 9	21° 5	6°45	T 3
W 4	0 51 27	11° 1'18	12°44	17°27	13°25	16°44	19°46	28° 3	9°46	18°17	4°40	29°48	29° 6	21°12	6°44	W 4
T 5	0 55 23	12° 0'01	25°13	16°23	14°40	16°38	19°58	28° 4	9°46	18°19	4°40	29°47	29° 3	21°18	6°42	T 5
F 6	0 59 20	12°58'47	7♏56	15°17	15°54	16°31	20°11	28° 4	9°47	18°20	4°39	29°46	29° 0	21°25	6°41	F 6
S 7	1 3 16	13°57'35	20°52	14°10	17° 9	16°24	20°23	28° 4	9°47	18°22	4°38	29°44	28°57	21°32	6°39	S 7
S 8	1 7 13	14°56'26	4♏ 2	13° 4	18°24	16°16	20°36	28° 5	9°48	18°24	4°38	29°42	28°53	21°39	6°38	S 8
M 9	1 11 9	15°55'18	17°26	12° 1	19°39	16° 7	20°48	28° 5	9°48	18°26	4°37	29°40	28°50	21°45	6°36	M 9
T 10	1 15 6	16°54'13	1♏ 3	11° 2	20°53	15°57	21° 0	28°R 5	9°48	18°28	4°36	29°39	28°47	21°52	6°35	T 10
W 11	1 19 3	17°53'10	14°55	10° 9	22° 8	15°46	21°13	28° 5	9°48	18°30	4°36	29°D38	28°44	21°59	6°33	W 11
T 12	1 22 59	18°52'09	28°59	9°23	23°23	15°35	21°25	28° 5	9°49	18°32	4°35	29°38	28°41	22° 5	6°31	T 12
F 13	1 26 56	19°51'10	13♏16	8°46	24°38	15°22	21°37	28° 5	9°49	18°34	4°34	29°39	28°38	22°12	6°29	F 13
S 14	1 30 52	20°50'14	27°41	8°19	25°53	15° 9	21°49	28° 4	9°49	18°36	4°33	29°41	28°34	22°19	6°27	S 14
S 15	1 34 49	21°49'20	12♏13	8° 1	27° 7	14°56	22° 2	28° 4	9°R49	18°38	4°33	29°42	28°31	22°25	6°25	S 15
M 16	1 38 45	22°48'28	26°46	7°D55	28°22	14°41	22°14	28° 3	9°49	18°40	4°32	29°R43	28°28	22°32	6°23	M 16
T 17	1 42 42	23°47'38	11♏15	7°59	29°37	14°26	22°26	28° 2	9°49	18°42	4°31	29°42	28°25	22°39	6°21	T 17
W 18	1 46 38	24°46'51	25°35	8°13	0♏52	14°10	22°38	28° 2	9°49	18°44	4°30	29°41	28°22	22°45	6°19	W 18
T 19	1 50 35	25°46'05	9♏39	8°37	2° 7	13°54	22°50	28° 1	9°49	18°47	4°29	29°38	28°18	22°52	6°17	T 19
F 20	1 54 32	26°45'21	23°24	9°12	3°22	13°37	23° 1	28° 0	9°48	18°49	4°28	29°34	28°15	22°59	6°15	F 20
S 21	1 58 28	27°44'40	6♏48	9°55	4°37	13°20	23°13	27°59	9°48	18°51	4°28	29°29	28°12	23° 5	6°13	S 21
S 22	2 2 25	28°44'00	19°49	10°46	5°51	13° 2	23°25	27°57	9°48	18°53	4°27	29°25	28° 9	23°12	6°10	S 22
M 23	2 6 21	29°43'22	2♏29	11°45	7° 6	12°44	23°37	27°56	9°48	18°55	4°26	29°21	28° 6	23°19	6° 8	M 23
T 24	2 10 18	0♏42'45	14°49	12°51	8°21	12°25	23°48	27°55	9°47	18°57	4°25	29°18	28° 3	23°25	6° 6	T 24
W 25	2 14 14	1°42'11	26°55	14° 3	9°36	12° 6	24° 0	27°53	9°47	18°59	4°24	29°D17	27°59	23°32	6° 3	W 25
T 26	2 18 11	2°41'38	8♏51	15°20	10°51	11°47	24°11	27°51	9°46	19° 1	4°23	29°17	27°56	23°39	6° 1	T 26
F 27	2 22 7	3°41'07	20°42	16°41	12° 6	11°27	24°23	27°50	9°46	19° 4	4°22	29°18	27°53	23°45	5°58	F 27
S 28	2 26 4	4°40'37	2♏32	18° 6	13°21	11° 8	24°34	27°48	9°45	19° 6	4°21	29°20	27°50	23°52	5°56	S 28
S 29	2 30 1	5°40'09	14°26	19°35	14°36	10°48	24°45	27°46	9°44	19° 8	4°20	29°22	27°47	23°59	5°53	S 29
M 30	2 33 57	6°39'43	26°30	21° 6	15°51	10°28	24°57	27°44	9°44	19°10	4°19	29°R23	27°43	24° 5	5°51	M 30
T 31	2 37 54	7♏39'19	8°V46	22♏40	17♏ 5	10♏ 8	25♏ 8	27♏41	9♏43	19♏12	4♏18	29♋22	27♋40	24♏12	5♏48	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	3s12	11s 7	2s 7	11s23	3s48	2s35	1n20	13n51	3s 6	5n 8	0n56	21n49	1s32	23n16	0n16	15s35
M 2	3 35	5 35	1 3	10 56	3 40	3 5	1 20	13 52	3 5	5 4	0 56	21 49	1 32	23 16	0 16	15 36
T 3	3 58	0n13	0n 3	10 26	3 30	3 35	1 19	13 53	3 3	4 59	0 56	21 48	1 32	23 16	0 16	15 36
W 4	4 21	6 6	1 11	9 52	3 18	4 5	1 18	13 53	3 1	4 54	0 56	21 48	1 32	23 16	0 16	15 37
T 5	4 44	11 50	2 16	9 15	3 4	4 35	1 17	13 53	2 59	4 49	0 56	21 48	1 33	23 16	0 16	15 37
F 6	5 7	17 12	3 16	8 36	2 49	5 4	1 16	13 54	2 57	4 44	0 56	21 48	1 33	23 16	0 16	15 38
S 7	5 29	21 52	4 6	7 54	2 32	5 34	1 15	13 54	2 55	4 39	0 56	21 48	1 33	23 16	0 16	15 38
S 8	5 52	25 33	4 45	7 12	2 13	6 3	1 13	13 53	2 53	4 35	0 56	21 48	1 33	23 16	0 16	15 39
M 9	6 15	27 53	5 9	6 29	1 54	6 33	1 12	13 53	2 51	4 30	0 56	21 48	1 33	23 16	0 16	15 39
T 10	6 37	28 37	5 16	5 48	1 34	7 2	1 11	13 52	2 48	4 25	0 56	21 48	1 33	23 16	0 16	15 40
W 11	7 0	27 34	5 5	5 8	1 14	7 31	1 10	13 52	2 46	4 20	0 57	21 48	1 33	23 16	0 16	15 41
T 12	7 22	24 47	4 35	4 31	0 53	8 0	1 8	13 51	2 43	4 16	0 57	21 48	1 33	23 16	0 16	15 41
F 13	7 44	20 26	3 49	3 58	0 33	8 29	1 7	13 50	2 41	4 11	0 57	21 48	1 33	23 16	0 16	15 42
S 14	8 7	14 51	2 47	3 30	0 14	8 57	1 5	13 49	2 38	4 6	0 57	21 48	1 33	23 16	0 16	15 42
S 15	8 29	8 25	1 35	3 6	0n 5	9 25	1 4	13 47	2 35	4 2	0 57	21 47	1 33	23 16	0 16	15 43
M 16	8 51	1 32	0 16	2 47	0 22	9 54	1 2	13 46	2 32	3 57	0 57	21 47	1 33	23 16	0 16	15 43
T 17	9 12	5s24	1s 3	2 34	0 39	10 21	1 1	13 44	2 29	3 52	0 57	21 47	1 34	23 16	0 16	15 44
W 18	9 34	11 59	2 17	2 26	0 53	10 49	0 59	13 42	2 26	3 48	0 57	21 47	1 34	23 16	0 16	15 45
T 19	9 56	17 51	3 22	2 23	1 7	11 16	0 57	13 41	2 23	3 43	0 58	21 47	1 34	23 16	0 16	15 45
F 20	10 17	22 39	4 13	2 26	1 18	11 44	0 55	13 39	2 20	3 39	0 58	21 47	1 34	23 16	0 16	15 46
S 21	10 38	26 7	4 49	2 33	1 29	12 11	0 54	13 37	2 17	3 34	0 58	21 47	1 34	23 16	0 16	15 46
S 22	10 59	28 6	5 9	2 45	1 37	12 37	0 52	13 35	2 14	3 30	0 58	21 47	1 34	23 16	0 16	15 47
M 23	11 20	28 33	5 12	3 2	1 45	13 3	0 50	13 32	2 10	3 25	0 58	21 47	1 34	23 16	0 16	15 48
T 24	11 41	27 32	5 2	3 22	1 51	13 29	0 48	13 30	2 7	3 21	0 58	21 47	1 34	23 16	0 16	15 48
W 25	12 2	25 14	4 37	3 45	1 55	13 55	0 46	13 28	2 3	3 16	0 58	21 47	1 34	23 16	0 16	15 49
T 26	12 22	21 52	4 2	4 11	1 59	14 20	0 44	13 25	2 0	3 12	0 58	21 46	1 34	23 16	0 16	15 49
F 27	12 42	17 38	3 16	4 40	2 1	14 45	0 42	13 23	1 56	3 7	0 59	21 46	1 34	23 16	0 16	15 50
S 28	13 2	12 44	2 21	5 12	2 2	15 10	0 40	13 20	1 52	3 3	0 59	21 46	1 34	23 16	0 16	15 51
S 29	13 22	7 21	1 21	5 45	2 2	15 34	0 37	13 18	1 48	2 59	0 59	21 46	1 34	23 17	0 16	15 51
M 30	13 42	1 38	0 16	6 20	2 2	15 58	0 35	13 15	1 45	2 54	0 59	21 46	1 34	23 17	0 16	15 52
T 31	14s 1	4n15	0n51	6s55	2n 0	16s21	0n33	13n13	1s41	2n50	0n59	21n46	1s35	23n17	0n16	15s52

Julian Day Number = 2678268.5, Delta T = 21m34s

Ecliptic obliquity = 23°21'41", Nutation = - 0°00'00"

Ayanamsha: Fagan/Bradley = 33°25'23", Lahiri = 32°32'22"

## ASTRODIENST EPHEMERIS for the year 2620

NOVEMBER 2620

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 41 50	8♈38°57	21♏17	24♌15	18♈20	9°R49	25♈19	27°R39	9°R42	19♈15	4°R17	29°R20	27♏37	24♌19	5°R45	W 1
T 2	2 45 47	9°38'36	4♏5	25°52	19°35	9°R29	25°30	27♏37	9°R41	19°17	4°R16	29♏16	27°34	24°25	5°R43	T 2
F 3	2 49 43	10°38'18	17°10	27°29	20°50	9°9	25°41	27°34	9°40	19°19	4°15	29°10	27°31	24°32	5°40	F 3
S 4	2 53 40	11°38'01	0♏30	29°8	22°5	8°50	25°52	27°32	9°39	19°21	4°14	29°3	27°28	24°39	5°37	S 4
S 5	2 57 36	12°37'47	14°5	0♏47	23°20	8°31	26°2	27°29	9°38	19°24	4°13	28°56	27°24	24°45	5°34	S 5
M 6	3 1 33	13°37'35	27°52	2°27	24°35	8°12	26°13	27°26	9°37	19°26	4°12	28°49	27°21	24°52	5°31	M 6
T 7	3 5 30	14°37'25	11♏47	4°7	25°50	7°53	26°24	27°23	9°36	19°28	4°11	28°43	27°18	24°59	5°29	T 7
W 8	3 9 26	15°37'17	25°48	5°47	27°5	7°35	26°34	27°21	9°35	19°30	4°10	28°39	27°15	25°5	5°26	W 8
T 9	3 13 23	16°37'11	9♏54	7°27	28°20	7°17	26°45	27°17	9°34	19°32	4°9	28°37	27°12	25°12	5°23	T 9
F 10	3 17 19	17°37'07	24°1	9°7	29°35	7°0	26°55	27°14	9°32	19°35	4°8	28°D37	27°9	25°19	5°20	F 10
S 11	3 21 16	18°37'06	8♏10	10°47	0♏50	6°43	27°5	27°11	9°31	19°37	4°7	28°38	27°5	25°25	5°17	S 11
S 12	3 25 12	19°37'06	22°18	12°27	2°5	6°26	27°15	27°8	9°30	19°39	4°6	28°R39	27°2	25°32	5°14	S 12
M13	3 29 9	20°37'09	6♏24	14°6	3°19	6°10	27°25	27°4	9°28	19°41	4°5	28°39	26°59	25°39	5°11	M13
T 14	3 33 5	21°37'14	20°26	15°45	4°34	5°55	27°35	27°1	9°27	19°44	4°4	28°37	26°56	25°45	5°8	T 14
W15	3 37 2	22°37'21	4♏21	17°24	5°49	5°40	27°45	26°57	9°25	19°46	4°3	28°33	26°53	25°52	5°5	W15
T 16	3 40 59	23°37'29	18°5	19°2	7°4	5°26	27°55	26°54	9°24	19°48	4°2	28°25	26°49	25°59	5°2	T 16
F 17	3 44 55	24°37'40	1♏35	20°40	8°19	5°13	28°5	26°50	9°22	19°50	4°0	28°16	26°46	26°5	4°59	F 17
S 18	3 48 52	25°37'52	14°48	22°18	9°34	5°0	28°14	26°46	9°21	19°53	3°59	28°6	26°43	26°12	4°56	S 18
S 19	3 52 48	26°38'06	27°44	23°56	10°49	4°48	28°24	26°42	9°19	19°55	3°58	27°55	26°40	26°19	4°52	S 19
M20	3 56 45	27°38'22	10♏20	25°33	12°4	4°37	28°33	26°39	9°17	19°57	3°57	27°46	26°37	26°25	4°49	M20
T 21	4 0 41	28°38'39	22°40	27°9	13°19	4°27	28°42	26°35	9°16	19°59	3°56	27°38	26°34	26°32	4°46	T 21
W22	4 4 38	29°38'58	4♏46	28°46	14°34	4°17	28°52	26°30	9°14	20°2	3°55	27°32	26°30	26°39	4°43	W22
T 23	4 8 35	0♏39'17	16°41	0♏22	15°49	4°8	29°1	26°26	9°12	20°4	3°54	27°29	26°27	26°45	4°40	T 23
F 24	4 12 31	1°39'39	28°30	1°57	17°4	4°0	29°9	26°22	9°10	20°6	3°53	27°D27	26°24	26°52	4°37	F 24
S 25	4 16 28	2°40'01	10♏20	3°33	18°19	3°53	29°18	26°18	9°8	20°8	3°51	27°28	26°21	26°59	4°34	S 25
S 26	4 20 24	3°40'25	22°14	5°8	19°34	3°47	29°27	26°14	9°6	20°10	3°50	27°R28	26°18	27°5	4°30	S 26
M27	4 24 21	4°40'51	4♏18	6°43	20°49	3°41	29°36	26°9	9°4	20°13	3°49	27°28	26°15	27°12	4°27	M27
T 28	4 28 17	5°41'17	16°38	8°18	22°4	3°36	29°44	26°5	9°2	20°15	3°48	27°26	26°11	27°19	4°24	T 28
W29	4 32 14	6°41'45	29°18	9°52	23°19	3°33	29°52	26°0	9°0	20°17	3°47	27°22	26°8	27°25	4°21	W29
T 30	4 36 10	7°42'14	12♏18	11°26	24°34	3°29	0♏0	25°D56	8°D58	20♈19	3°D46	27♏15	26♏5	27°32	4°D18	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	14s20	10n 4	1n56	7s32	1n58	16s44	0n31	13n10	1s37	2n46	0n59	21n46	1s35	23n17	0n16	15s53
T 2	14 39	15 37	2 57	8 10	1 55	17 7	0 29	13 8	1 33	2 42	0 59	21 46	1 35	23 17	0 16	15 54
F 3	14 58	20 35	3 50	8 48	1 52	17 29	0 26	13 5	1 29	2 37	1 0	21 46	1 35	23 17	0 16	15 54
S 4	15 16	24 37	4 31	9 27	1 48	17 51	0 24	13 3	1 25	2 33	1 0	21 46	1 35	23 17	0 16	15 55
S 5	15 35	27 21	4 58	10 5	1 44	18 12	0 22	13 1	1 21	2 29	1 0	21 45	1 35	23 17	0 16	15 55
M 6	15 53	28 29	5 8	10 44	1 39	18 33	0 19	12 58	1 17	2 25	1 0	21 45	1 35	23 17	0 16	15 56
T 7	16 10	27 50	5 0	11 22	1 34	18 53	0 17	12 56	1 14	2 21	1 0	21 45	1 35	23 17	0 16	15 57
W 8	16 28	25 25	4 35	12 1	1 29	19 12	0 14	12 54	1 10	2 17	1 0	21 45	1 35	23 17	0 16	15 57
T 9	16 45	21 26	3 52	12 39	1 23	19 32	0 12	12 52	1 6	2 13	1 1	21 45	1 35	23 18	0 16	15 58
F 10	17 2	16 14	2 56	13 16	1 17	19 50	0 10	12 50	1 2	2 9	1 1	21 45	1 35	23 18	0 17	15 58
S 11	17 19	10 9	1 48	13 53	1 11	20 8	0 7	12 48	0 58	2 5	1 1	21 45	1 35	23 18	0 17	15 59
S 12	17 35	3 34	0 34	14 30	1 5	20 26	0 5	12 46	0 54	2 1	1 1	21 45	1 35	23 18	0 17	16 0
M13	17 51	3s10	0s42	15 6	0 58	20 43	0 2	12 45	0 50	1 58	1 1	21 45	1 35	23 18	0 17	16 0
T 14	18 7	9 43	1 54	15 41	0 52	20 59	0s0	12 43	0 46	1 54	1 1	21 45	1 35	23 18	0 17	16 1
W15	18 22	15 44	2 59	16 15	0 45	21 15	0 3	12 42	0 43	1 50	1 2	21 44	1 35	23 18	0 17	16 1
T 16	18 37	20 53	3 53	16 49	0 38	21 30	0 5	12 41	0 39	1 46	1 2	21 44	1 35	23 18	0 17	16 2
F 17	18 52	24 51	4 32	17 21	0 32	21 45	0 8	12 40	0 35	1 43	1 2	21 44	1 35	23 18	0 17	16 3
S 18	19 6	27 24	4 56	17 53	0 25	21 59	0 10	12 39	0 32	1 39	1 2	21 44	1 35	23 19	0 17	16 3
S 19	19 20	28 25	5 4	18 24	0 18	22 12	0 13	12 39	0 28	1 35	1 2	21 44	1 35	23 19	0 17	16 4
M20	19 34	27 54	4 57	18 54	0 11	22 25	0 15	12 38	0 24	1 32	1 3	21 44	1 35	23 19	0 17	16 4
T 21	19 48	26 0	4 36	19 23	0 4	22 37	0 18	12 38	0 21	1 28	1 3	21 44	1 35	23 19	0 17	16 5
W22	20 1	22 56	4 3	19 52	0s3	22 48	0 20	12 38	0 17	1 25	1 3	21 44	1 35	23 19	0 17	16 5
T 23	20 13	18 57	3 20	20 19	0 9	22 59	0 23	12 38	0 14	1 22	1 3	21 44	1 35	23 19	0 17	16 6
F 24	20 26	14 16	2 28	20 45	0 16	23 9	0 25	12 39	0 11	1 18	1 3	21 43	1 35	23 19	0 17	16 7
S 25	20 38	9 4	1 30	21 10	0 23	23 18	0 28	12 39	0 7	1 15	1 4	21 43	1 35	23 20	0 17	16 7
S 26	20 49	3 30	0 28	21 34	0 29	23 27	0 30	12 40	0 4	1 12	1 4	21 43	1 35	23 20	0 17	16 8
M27	21 0	2n16	0n36	21 57	0 36	23 35	0 32	12 41	0 1	1 8	1 4	21 43	1 35	23 20	0 17	16 8
T 28	21 11	8 4	1 40	22 19	0 42	23 42	0 35	12 43	0n2	1 5	1 4	21 43	1 35	23 20	0 17	16 9
W29	21 21	13 41	2 41	22 39	0 48	23 49	0 37	12 44	0 5	1 2	1 4	21 43	1 35	23 20	0 17	16 9
T 30	21s31	18n53	3n34	22s59	0s55	23s55	0s40	12n46	0n 8	0n59	1n 5	21n43	1s35	23n20	0n17	16s10

Julian Day Number = 2678299.5, Delta T = 21m35s

Ecliptic obliquity = 23°21'40", Nutation = - 0°00'01"

Ayanamsha: Fagan/Bradley = 33°25'27", Lahiri = 32°32'27"



## ASTRODIENST EPHEMERIS for the year 2621

JANUARY 2621

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	6 42 20	10 <sup>3</sup> 9'05	16 <sup>5</sup> 36	29 <sup>3</sup> 29	4 <sup>3</sup> 30	8 <sup>8</sup> 12	3 <sup>3</sup> 7	23 <sup>2</sup> R22	7 <sup>2</sup> R41	21 <sup>1</sup> M21	3 <sup>2</sup> R13	23 <sup>2</sup> R28	24 <sup>2</sup> X23	1 <sup>1</sup> X 5	2 <sup>2</sup> R46	M 1
T 2	6 46 17	11 <sup>1</sup> 10'08	1 <sup>2</sup> 25	0 <sup>3</sup> 43	5 <sup>4</sup> 45	8 <sup>3</sup> 31	3 <sup>1</sup> 10	23 <sup>2</sup> II 17	7 <sup>2</sup> X38	21 <sup>2</sup> 23	3 <sup>2</sup> II 12	23 <sup>2</sup> X18	24 <sup>2</sup> 20	1 <sup>1</sup> 12	2 <sup>2</sup> II 44	T 2
W 3	6 50 13	12 <sup>1</sup> 11'12	1 <sup>2</sup> 15	1 <sup>5</sup> 4	6 <sup>5</sup> 59	8 <sup>2</sup> 50	3 <sup>1</sup> 13	23 <sup>2</sup> 13	7 <sup>2</sup> 36	21 <sup>2</sup> 24	3 <sup>1</sup> 11	23 <sup>2</sup> 11	24 <sup>2</sup> 17	1 <sup>1</sup> 18	2 <sup>2</sup> 42	W 3
T 4	6 54 10	13 <sup>1</sup> 12'16	0 <sup>1</sup> 59	3 <sup>0</sup> 0	8 <sup>1</sup> 14	9 <sup>1</sup> 10	3 <sup>1</sup> 16	23 <sup>2</sup> 8	7 <sup>2</sup> 33	21 <sup>2</sup> 26	3 <sup>1</sup> 10	23 <sup>2</sup> 6	24 <sup>2</sup> 14	1 <sup>1</sup> 25	2 <sup>2</sup> 40	T 4
F 5	6 58 7	14 <sup>1</sup> 13'20	1 <sup>5</sup> 30	4 <sup>0</sup> 2	9 <sup>2</sup> 29	9 <sup>2</sup> 30	3 <sup>1</sup> 18	23 <sup>2</sup> 4	7 <sup>2</sup> 31	21 <sup>2</sup> 27	3 <sup>1</sup> 10	23 <sup>2</sup> 5	24 <sup>2</sup> 11	1 <sup>1</sup> 32	2 <sup>2</sup> 37	F 5
S 6	7 2 3	15 <sup>1</sup> 14'26	2 <sup>9</sup> 45	4 <sup>0</sup> 59	10 <sup>2</sup> 43	9 <sup>2</sup> 50	3 <sup>2</sup> 21	23 <sup>2</sup> 0	7 <sup>2</sup> 28	21 <sup>2</sup> 29	3 <sup>0</sup> 9	23 <sup>2</sup> D 5	24 <sup>2</sup> 7	1 <sup>1</sup> 38	2 <sup>2</sup> 35	S 6
S 7	7 6 0	16 <sup>1</sup> 15'31	13 <sup>2</sup> 43	5 <sup>0</sup> 49	11 <sup>2</sup> 58	10 <sup>2</sup> 11	3 <sup>2</sup> 23	22 <sup>2</sup> 55	7 <sup>2</sup> 26	21 <sup>2</sup> 30	3 <sup>0</sup> 8	23 <sup>2</sup> R 5	24 <sup>2</sup> 4	1 <sup>1</sup> 45	2 <sup>2</sup> 33	S 7
M 8	7 9 56	17 <sup>1</sup> 16'38	27 <sup>2</sup> 24	6 <sup>0</sup> 32	13 <sup>2</sup> 13	10 <sup>2</sup> 32	3 <sup>2</sup> 25	22 <sup>2</sup> 51	7 <sup>2</sup> 23	21 <sup>2</sup> 32	3 <sup>0</sup> 7	23 <sup>2</sup> 5	24 <sup>2</sup> 1	1 <sup>1</sup> 52	2 <sup>2</sup> 31	M 8
T 9	7 13 53	18 <sup>1</sup> 17'45	10 <sup>1</sup> M49	7 <sup>0</sup> 8	14 <sup>2</sup> 27	10 <sup>2</sup> 54	3 <sup>2</sup> 27	22 <sup>2</sup> 47	7 <sup>2</sup> 21	21 <sup>2</sup> 33	3 <sup>0</sup> 7	23 <sup>2</sup> 2	23 <sup>2</sup> 58	1 <sup>1</sup> 58	2 <sup>2</sup> 29	T 9
W10	7 17 49	19 <sup>1</sup> 18'53	24 <sup>0</sup> 0	7 <sup>0</sup> 34	15 <sup>2</sup> 42	11 <sup>2</sup> 16	3 <sup>2</sup> 29	22 <sup>2</sup> 43	7 <sup>2</sup> 18	21 <sup>2</sup> 35	3 <sup>0</sup> 6	22 <sup>2</sup> 57	23 <sup>2</sup> 55	2 <sup>0</sup> 5	2 <sup>2</sup> 27	W10
T 11	7 21 46	20 <sup>1</sup> 20'01	6 <sup>2</sup> X59	7 <sup>0</sup> 51	16 <sup>2</sup> 56	11 <sup>2</sup> 38	3 <sup>3</sup> 30	22 <sup>2</sup> 39	7 <sup>2</sup> 16	21 <sup>2</sup> 36	3 <sup>0</sup> 5	22 <sup>2</sup> 50	23 <sup>2</sup> 52	2 <sup>0</sup> 12	2 <sup>2</sup> 25	T 11
F 12	7 25 42	21 <sup>1</sup> 21'09	19 <sup>0</sup> 45	7 <sup>0</sup> R57	18 <sup>2</sup> 11	12 <sup>0</sup> 1	3 <sup>3</sup> 31	22 <sup>2</sup> 35	7 <sup>2</sup> 13	21 <sup>2</sup> 37	3 <sup>0</sup> 4	22 <sup>2</sup> 40	23 <sup>2</sup> 48	2 <sup>0</sup> 18	2 <sup>2</sup> 24	F 12
S 13	7 29 39	22 <sup>1</sup> 22'18	2 <sup>3</sup> 20	7 <sup>0</sup> 52	19 <sup>2</sup> 26	12 <sup>2</sup> 24	3 <sup>3</sup> 32	22 <sup>2</sup> 31	7 <sup>2</sup> 11	21 <sup>2</sup> 39	3 <sup>0</sup> 4	22 <sup>2</sup> 28	23 <sup>2</sup> 45	2 <sup>0</sup> 25	2 <sup>2</sup> 22	S 13
S 14	7 33 36	23 <sup>1</sup> 23'27	14 <sup>0</sup> 45	7 <sup>0</sup> 36	20 <sup>2</sup> 40	12 <sup>2</sup> 47	3 <sup>3</sup> 33	22 <sup>2</sup> 27	7 <sup>0</sup> 8	21 <sup>2</sup> 40	3 <sup>0</sup> 3	22 <sup>2</sup> 16	23 <sup>2</sup> 42	2 <sup>0</sup> 32	2 <sup>2</sup> 20	S 14
M15	7 37 32	24 <sup>1</sup> 24'36	26 <sup>0</sup> 59	7 <sup>0</sup> 7	21 <sup>2</sup> 55	13 <sup>2</sup> 11	3 <sup>3</sup> 34	22 <sup>2</sup> 23	7 <sup>0</sup> 6	21 <sup>2</sup> 41	3 <sup>0</sup> 2	22 <sup>2</sup> 5	23 <sup>2</sup> 39	2 <sup>0</sup> 38	2 <sup>2</sup> 18	M15
T 16	7 41 29	25 <sup>1</sup> 25'44	9 <sup>2</sup> 3	6 <sup>0</sup> 27	23 <sup>0</sup> 9	13 <sup>2</sup> 35	3 <sup>3</sup> 35	22 <sup>2</sup> 19	7 <sup>0</sup> 3	21 <sup>2</sup> 43	3 <sup>0</sup> 2	21 <sup>2</sup> 56	23 <sup>2</sup> 36	2 <sup>0</sup> 45	2 <sup>2</sup> 17	T 16
W17	7 45 25	26 <sup>1</sup> 26'53	20 <sup>0</sup> 59	5 <sup>0</sup> 36	24 <sup>2</sup> 24	14 <sup>0</sup> 0	3 <sup>3</sup> 35	22 <sup>2</sup> 16	7 <sup>0</sup> 1	21 <sup>2</sup> 44	3 <sup>0</sup> 1	21 <sup>2</sup> 48	23 <sup>2</sup> 33	2 <sup>0</sup> 52	2 <sup>2</sup> 15	W17
T 18	7 49 22	27 <sup>1</sup> 28'01	2 <sup>2</sup> X49	4 <sup>0</sup> 35	25 <sup>2</sup> 38	14 <sup>2</sup> 25	3 <sup>3</sup> R35	22 <sup>2</sup> 12	6 <sup>0</sup> 59	21 <sup>2</sup> 45	3 <sup>0</sup> 0	21 <sup>2</sup> 44	23 <sup>2</sup> 29	2 <sup>0</sup> 58	2 <sup>2</sup> 14	T 18
F 19	7 53 18	28 <sup>1</sup> 29'09	14 <sup>0</sup> 36	3 <sup>0</sup> 26	26 <sup>2</sup> 52	14 <sup>2</sup> 50	3 <sup>3</sup> 35	22 <sup>2</sup> 9	6 <sup>0</sup> 56	21 <sup>2</sup> 46	3 <sup>0</sup> 0	21 <sup>2</sup> 42	23 <sup>2</sup> 26	3 <sup>0</sup> 5	2 <sup>2</sup> 12	F 19
S 20	7 57 15	29 <sup>1</sup> 30'17	26 <sup>0</sup> 22	2 <sup>0</sup> 10	28 <sup>0</sup> 7	15 <sup>2</sup> 15	3 <sup>3</sup> 35	22 <sup>2</sup> 5	6 <sup>0</sup> 54	21 <sup>2</sup> 47	2 <sup>0</sup> 59	21 <sup>2</sup> D41	23 <sup>2</sup> 23	3 <sup>0</sup> 12	2 <sup>2</sup> 11	S 20
S 21	8 1 11	0 <sup>2</sup> 31'24	8 <sup>2</sup> V13	0 <sup>0</sup> 52	29 <sup>2</sup> 21	15 <sup>2</sup> 41	3 <sup>3</sup> 34	22 <sup>2</sup> 2	6 <sup>0</sup> 52	21 <sup>2</sup> 48	2 <sup>0</sup> 59	21 <sup>2</sup> 42	23 <sup>2</sup> 20	3 <sup>0</sup> 18	2 <sup>2</sup> 10	S 21
M22	8 5 8	1 <sup>3</sup> 32'31	20 <sup>2</sup> 13	29 <sup>2</sup> 32	0 <sup>1</sup> X35	16 <sup>0</sup> 7	3 <sup>3</sup> 34	21 <sup>2</sup> 59	6 <sup>0</sup> 49	21 <sup>2</sup> 49	2 <sup>0</sup> 58	21 <sup>2</sup> 44	23 <sup>2</sup> 17	3 <sup>0</sup> 25	2 <sup>0</sup> 9	M22
T 23	8 9 5	2 <sup>3</sup> 33'37	2 <sup>2</sup> X28	28 <sup>2</sup> 13	1 <sup>5</sup> 50	16 <sup>2</sup> 33	3 <sup>3</sup> 33	21 <sup>2</sup> 55	6 <sup>0</sup> 47	21 <sup>2</sup> 50	2 <sup>0</sup> 58	21 <sup>2</sup> R44	23 <sup>2</sup> 13	3 <sup>0</sup> 31	2 <sup>0</sup> 7	T 23
W24	8 13 1	3 <sup>3</sup> 34'42	1 <sup>5</sup> 2	26 <sup>0</sup> 58	3 <sup>0</sup> 4	17 <sup>0</sup> 0	3 <sup>3</sup> 32	21 <sup>2</sup> 52	6 <sup>0</sup> 45	21 <sup>2</sup> 51	2 <sup>0</sup> 57	21 <sup>2</sup> 44	23 <sup>2</sup> 10	3 <sup>0</sup> 38	2 <sup>0</sup> 6	W24
T 25	8 16 58	4 <sup>3</sup> 35'47	28 <sup>0</sup> 2	25 <sup>0</sup> 49	4 <sup>0</sup> 18	17 <sup>2</sup> 26	3 <sup>3</sup> 30	21 <sup>2</sup> 49	6 <sup>0</sup> 43	21 <sup>2</sup> 52	2 <sup>0</sup> 57	21 <sup>2</sup> 41	23 <sup>2</sup> 7	3 <sup>0</sup> 45	2 <sup>0</sup> 5	T 25
F 26	8 20 54	5 <sup>3</sup> 36'52	11 <sup>1</sup> II 29	24 <sup>0</sup> 48	5 <sup>0</sup> 32	17 <sup>2</sup> 53	3 <sup>3</sup> 29	21 <sup>2</sup> 47	6 <sup>0</sup> 41	21 <sup>2</sup> 53	2 <sup>0</sup> 56	21 <sup>2</sup> 36	23 <sup>2</sup> 4	3 <sup>0</sup> 51	2 <sup>0</sup> 4	F 26
S 27	8 24 51	6 <sup>3</sup> 37'56	25 <sup>0</sup> 25	23 <sup>0</sup> 54	6 <sup>0</sup> 46	18 <sup>2</sup> 21	3 <sup>3</sup> 27	21 <sup>2</sup> 44	6 <sup>0</sup> 39	21 <sup>2</sup> 54	2 <sup>0</sup> 56	21 <sup>2</sup> 30	23 <sup>2</sup> 1	3 <sup>0</sup> 58	2 <sup>0</sup> 3	S 27
S 28	8 28 47	7 <sup>3</sup> 38'59	9 <sup>2</sup> X50	23 <sup>0</sup> 10	8 <sup>0</sup> 0	18 <sup>2</sup> 48	3 <sup>3</sup> 26	21 <sup>2</sup> 41	6 <sup>0</sup> 36	21 <sup>2</sup> 55	2 <sup>0</sup> 56	21 <sup>2</sup> 23	22 <sup>2</sup> 58	4 <sup>0</sup> 5	2 <sup>0</sup> 3	S 28
M29	8 32 44	8 <sup>4</sup> 40'01	24 <sup>0</sup> 38	22 <sup>0</sup> 36	9 <sup>0</sup> 15	19 <sup>2</sup> 16	3 <sup>3</sup> 24	21 <sup>2</sup> 39	6 <sup>0</sup> 34	21 <sup>2</sup> 56	2 <sup>0</sup> 55	21 <sup>2</sup> 16	22 <sup>2</sup> 54	4 <sup>0</sup> 11	2 <sup>0</sup> 2	M29
T 30	8 36 41	9 <sup>4</sup> 41'03	9 <sup>2</sup> X41	22 <sup>0</sup> 10	10 <sup>2</sup> 29	19 <sup>2</sup> 44	3 <sup>3</sup> 21	21 <sup>2</sup> 36	6 <sup>0</sup> 32	21 <sup>2</sup> 57	2 <sup>0</sup> 55	21 <sup>2</sup> 10	22 <sup>2</sup> 51	4 <sup>0</sup> 18	2 <sup>0</sup> 1	T 30
W31	8 40 37	10 <sup>4</sup> 42'04	24 <sup>0</sup> X52	21 <sup>2</sup> X54	11 <sup>2</sup> X43	20 <sup>2</sup> X12	3 <sup>3</sup> X19	21 <sup>2</sup> II 34	6 <sup>0</sup> X30	21 <sup>2</sup> M57	2 <sup>0</sup> II 54	21 <sup>2</sup> X 5	22 <sup>2</sup> X48	4 <sup>0</sup> X25	2 <sup>0</sup> II 0	W31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	lat
M 1	22s58	26n55	4n37	21s59	1s50	20s38	1s36	15n20	1n12	0s 8	1n12	21n39	1s32	23n26	0n17	16s25	1n41	6n38	14s20	2s35	2s13	12s58	16n33	4s10
T 2	22 54	23 39	3 58	21 37	1 43	20 20	1 37	15 27	1 13	0 9	1 13	21 39	1 32	23 26	0 17	16 26	1 41	6 38	14 20	2 39	2 15	12 55	16 33	4 10
W 3	22 48	18 49	3 2	21 13	1 35	20 3	1 38	15 34	1 14	0 10	1 13	21 39	1 32	23 26	0 17	16 26	1 41	6 38	14 20	2 42	2 16	12 51	16 33	4 10
T 4	22 42	12 53	1 55	20 50	1 27	19 44	1 39	15 42	1 15	0 10	1 13	21 39	1 32	23 26	0 17	16 26	1 41	6 38	14 20	2 44	2 17	12 48	16 32	4 10
F 5	22 36	6 19	0 40	20 26	1 17	19 25	1 39	15 49	1 16	0 11	1 13	21 39	1 32	23 26	0 17	16 27	1 41	6 38	14 20	2 44	2 18	12 45	16 32	4 10
S 6	22 30	0s27	0s35	20 2	1 6	19 5	1 40	15 56	1 18	0 12	1 14	21 39	1 32	23 26	0 17	16 27	1 41	6 39	14 19	2 44	2 20	12 42	16 32	4 9
S 7	22 23	7 3	1 48	19 38	0 54	18 45	1 40	16 4	1 19	0 13	1 14	21 39	1 31	23 27	0 17	16 27	1 41	6 39	14 19	2 44	2 21	12 39	16 31	4 9
M 8	22 15	13 11	2 52	19 14	0 41	18 25	1 41	16 12	1 19	0 13	1 14	21 39	1 31	23 27	0 17	16 28	1 41	6 39	14 19	2 44	2 22	12 36	16 31	4 9
T 9	22 7	18 36	3 46	18 52	0 27	18 3	1 41	16 19	1 20	0 14	1 14	21 39	1 31	23 27	0 17	16 28	1 41	6 39	14 19	2 45	2 23	12 33	16 31	4 9
W10	21 59	23 0	4 26	18 30	0 11	17 42	1 42	16 27	1 21	0 14	1 15	21 39	1 31	23 27	0 17	16 28	1 41	6 39	14 18	2 47	2 25	12 29	16 31	4 9
T 11	21 50	26 12	4 52	18 10	0n 5	17 19	1 42	16 35	1 22	0 14	1 15	21 39	1 31	23 27	0 17	16 29	1 41	6 39	14 18	2 50	2 26	12 26	16 30	4 9
F 12	21 40	28 0	5 3	17 51	0 22	16 57	1 42	16 43	1 23	0 15	1 15	21 39	1 31	23 27	0 17	16 29	1 41	6 39	14 18	2 54	2 27	12 23	16 30	4 9
S 13	21 31	28 19	4 59	17 35	0 41	16 34	1 42	16 50	1 24	0 15	1 16	21 39	1 30	23 27	0 17	16 29	1 41	6 39	14 18	2 59	2 28	12 20	16 30	4 9
S 14	21 21	27 12	4 41	17 21	0 59	16 10	1 42	16 58	1 25	0 15	1 16	21 39	1 30	23 28	0 17	16 30	1 41	6 39	14 17	3 3	2 30	12 17	16 30	4 8
M15	21 10	24 47	4 10	17 10	1 19	15 46	1 42	17 6	1 25	0 15	1 16	21 39	1 30	23 28	0 17	16 30	1 41	6 40	14 17	3 8	2 31	12 14	16 30	4 8
T 16	20 59	21 17	3 28	17 1	1 38	15 22	1 42	17 14	1 26	0 15	1 16	21 39	1 30	23 28	0 17	16 30	1 41	6 40	14 17	3 11	2 32	12 10	16 30	4 8
W17	20 48	16 56	2 37	16 56	1 56	14 57	1 42	17 22	1 27	0 15	1 17	21 39	1 30	23 28	0 17	16 30	1 41	6 40	14 17	3 14	2 33	12 7	16 29	4 8
T 18	20 36	11 59	1 40	16 53	2 14	14 31	1 41	17 30	1 28	0 15	1 17	21 39	1 29	23 28	0 17	16 31	1 41	6 40	14 16	3 16	2 35	12 4	16 29	4 8
F 19	20 24	6 38	0 38	16 53	2 14	14 6	1 41	17 38	1 28	0 14	1 17	21 39	1 29	23 28	0 17	16 31	1 41	6 40	14 16	3 17	2 36	12 1	16 29	4 8
S 20	20 11	1 3	0n25	16 55	2 46	13 40	1 40	17 46	1 29	0 14	1 17	21 39	1 29	23 28	0 17	16 31	1 41	6 40	14 16	3 17	2 37	11 58	16 29	4 8
S 21	19 58	4n36	1 28	17 0	2 58	13 13	1 40	17 55	1 30	0 13	1 18	21 39	1 29	23 28	0 17	16 31	1 42	6 41	14 16	3 17	2 38	11 55	16 29	4 7
M22	19 45	10 9	2 28	17 6	3 9	12 47	1 39	18 3	1 30	0 13	1 18	21 39	1 29	23 29	0 17	16 32	1 42	6 41	14 15	3 16	2 40	11 51	16 29	4 7
T 23	19 31	15 27	3 22	17 14	3 17	12 20	1 39	18 11	1 31	0 12	1 18	21 39	1 28	23 29	0 17	16 32	1 42	6 41	14 15	3 16	2 41	11 48	16 29	4 7
W24	19 17	20 15	4 8	17 23	3 22	11 52	1 38	18 19	1 31	0 12	1 19	21 39	1 28	23 29	0 17	16 32	1 42	6 41	14 15	3 16	2 42	11 45	16 29	4 7
T 25	19 3	24 15	4 43	17 33	3 25	11 24	1 37	18 27	1 32	0 11	1 19	21 39	1 28	23 29	0 17	16 32	1 42	6 41	14 14	3 17	2 43	11 42	16 29	4 7
F 26	18 48	27 6	5 4	17 44	3 26	10 56	1 36	18 35	1 32	0 10	1 19	21 39	1 28	23 29	0 17	16 32	1 42	6 42	14 14	3 19	2 45	11 39	16 29	4 7
S 27	18 33	28 25	5 8	17 54	3 24	10 28	1 35	18 43	1 33	0 9	1 19	21 39	1 28	23 29	0 17	16 32	1 42	6 42	14 14	3 22	2 46	11 35	16 29	4 7
S 28	18 18	27 52	4 53	18 5	3 20	10 0	1 34	18 51	1 33	0 8	1 20	21 39	1 27	23 29	0 17	16 33	1 42	6 42	14 14	3 24	2 47	11 32	16 29	4 6
M29	18 2	25 22	4 19	18 16	3 15	9 31	1 33	18 59	1 34	0 7	1 20	21 39	1 27	23 29	0 17	16 33	1 42	6 42	14 13	3 27	2 48	11 29	16 29	4 6
T30	17 46	21 4	3 25	18 27	3 8	9 2	1 32	19 7	1 34	0 6	1 20	21 39	1 27	23 29	0 17	16 33	1 42	6 42	14 13	3 30	2 50	11 26	16 29	4 6
W31	17s30	15n21	2n17	18s37	3n 1	8s32	1s30	19n15	1n35	0s 5	1n20	21n39	1s27	23n30	0n17	16s33	1n42	6n43	14s13	3s31	2s51	11s23	16n29	4s 6

# ASTRODIENST EPHEMERIS for the year 2621

FEBRUARY 2621

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 44 34	11°43'05	9♍58	21°D47	12°H56	20°B40	3°R17	21°R31	6°R28	21°M58	2°R54	21°R 3	22°H45	4°H31	2°R 0	T 1	
F 2	8 48 30	12°44'04	24°52	21°B48	14°10	21° 9	3°A14	21°H29	6°B26	21°59	2°H54	21°D 3	22°42	4°38	1°H59	F 2	
S 3	8 52 27	13°45'04	9♂27	21°57	15°24	21°38	3°11	21°27	6°24	21°59	2°54	21°H 4	22°39	4°45	1°59	S 3	
S 4	8 56 23	14°46'03	23°40	22°13	16°38	22° 7	3° 8	21°25	6°23	22° 0	2°53	21° 5	22°35	4°51	1°58	S 4	
M 5	9 0 20	15°47'02	7♍29	22°36	17°52	22°36	3° 4	21°23	6°21	22° 1	2°53	21° 6	22°32	4°58	1°58	M 5	
T 6	9 4 16	16°48'00	20°56	23° 5	19° 5	23° 5	3° 1	21°22	6°19	22° 1	2°53	21°R 6	22°29	5° 5	1°58	T 6	
W 7	9 8 13	17°48'58	4°A 2	23°39	20°19	23°35	2°57	21°20	6°17	22° 2	2°53	21° 5	22°26	5°11	1°58	W 7	
T 8	9 12 10	18°49'55	16°50	24°18	21°33	24° 5	2°54	21°18	6°16	22° 2	2°52	21° 2	22°23	5°18	1°57	T 8	
F 9	9 16 6	19°50'51	29°22	25° 2	22°46	24°35	2°50	21°17	6°14	22° 3	2°52	20°58	22°19	5°25	1°57	F 9	
S 10	9 20 3	20°51'47	11°B42	25°50	24° 0	25° 5	2°45	21°16	6°12	22° 3	2°52	20°53	22°16	5°31	1°D57	S 10	
S 11	9 23 59	21°52'42	23°52	26°42	25°13	25°35	2°41	21°15	6°11	22° 4	2°52	20°48	22°13	5°38	1°57	S 11	
M12	9 27 56	22°53'36	5°A53	27°37	26°27	26° 5	2°37	21°13	6° 9	22° 4	2°52	20°42	22°10	5°45	1°57	M12	
T 13	9 31 52	23°54'29	17°48	28°35	27°40	26°36	2°32	21°12	6° 8	22° 4	2°52	20°38	22° 7	5°51	1°58	T 13	
W14	9 35 49	24°55'22	29°39	29°36	28°53	27° 7	2°27	21°12	6° 6	22° 5	2°52	20°35	22° 4	5°58	1°58	W14	
T 15	9 39 45	25°56'12	11°H26	0°A40	0°Y 6	27°38	2°22	21°11	6° 5	22° 5	2°52	20°33	22° 0	6° 4	1°58	T 15	
F 16	9 43 42	26°57'02	23°13	1°46	1°20	28° 9	2°17	21°10	6° 3	22° 5	2°D52	20°D33	21°57	6°11	1°59	F 16	
S 17	9 47 39	27°57'51	5°Y 2	2°54	2°33	28°40	2°12	21°10	6° 2	22° 5	2°52	20°34	21°54	6°18	1°59	S 17	
S 18	9 51 35	28°58'38	16°56	4° 4	3°46	29°11	2° 6	21° 9	6° 1	22° 5	2°52	20°35	21°51	6°24	2° 0	S 18	
M19	9 55 32	29°59'23	28°59	5°16	4°59	29°43	2° 1	21° 9	6° 0	22° 6	2°52	20°37	21°48	6°31	2° 0	M19	
T 20	9 59 28	1°H 0'08	11°B14	6°30	6°12	0°H14	1°55	21° 9	5°58	22° 6	2°52	20°38	21°45	6°38	2° 1	T 20	
W21	10 3 25	2° 0'51	23°46	7°45	7°24	0°46	1°49	21°D 9	5°57	22° 6	2°52	20°39	21°41	6°44	2° 2	W21	
T 22	10 7 21	3° 1'32	6°H40	9° 2	8°37	1°18	1°43	21° 9	5°56	22°R 6	2°52	20°R39	21°38	6°51	2° 2	T 22	
F 23	10 11 18	4° 2'12	19°58	10°21	9°50	1°50	1°37	21° 9	5°55	22° 6	2°52	20°39	21°35	6°58	2° 3	F 23	
S 24	10 15 14	5° 2'50	3°B43	11°41	11° 2	2°22	1°31	21° 9	5°54	22° 6	2°53	20°37	21°32	7° 4	2° 4	S 24	
S 25	10 19 11	6° 3'26	17°57	13° 2	12°15	2°54	1°24	21° 9	5°53	22° 6	2°53	20°36	21°29	7°11	2° 5	S 25	
M26	10 23 8	7° 4'01	2°A35	14°24	13°27	3°27	1°18	21°10	5°52	22° 6	2°53	20°34	21°25	7°18	2° 6	M26	
T 27	10 27 4	8° 4'34	17°35	15°48	14°40	3°59	1°11	21°10	5°52	22° 5	2°53	20°32	21°22	7°24	2° 7	T 27	
W28	10 31 1	9°H 5'06	2°H47	17°A13	15°Y52	4°H32	1°A 4	21°H11	5°A51	22°M 5	2°H53	20°H31	21°H19	7°H31	2°H 8	W28	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	17s13	8n44	1n 0	18s47	2n52	8s 3	1s29	19n23	1n35	0s 4	1n21	21n39	1s27	23n30	0n17	16s33	1n42
F 2	16 56	1 43	0s21	18 56	2 42	7 33	1 27	19 31	1 35	0 2	1 21	21 39	1 26	23 30	0 17	16 33	1 42
S 3	16 39	5s15	1 39	19 4	2 32	7 3	1 26	19 39	1 36	0 1	1 21	21 39	1 26	23 30	0 17	16 33	1 42
S 4	16 21	11 46	2 49	19 12	2 22	6 33	1 24	19 47	1 36	0n 0	1 21	21 39	1 26	23 30	0 17	16 34	1 42
M 5	16 3	17 32	3 47	19 19	2 11	6 3	1 23	19 55	1 36	0 2	1 22	21 39	1 26	23 30	0 17	16 34	1 42
T 6	15 45	22 16	4 30	19 25	2 0	5 33	1 21	20 3	1 37	0 3	1 22	21 40	1 25	23 30	0 17	16 34	1 42
W 7	15 27	25 46	4 59	19 30	1 49	5 2	1 19	20 10	1 37	0 5	1 22	21 40	1 25	23 30	0 17	16 34	1 42
T 8	15 8	27 53	5 12	19 34	1 38	4 31	1 17	20 18	1 37	0 7	1 22	21 40	1 25	23 30	0 17	16 34	1 43
F 9	14 49	28 31	5 9	19 37	1 27	4 1	1 15	20 26	1 38	0 9	1 23	21 40	1 25	23 30	0 17	16 34	1 43
S 10	14 30	27 42	4 52	19 39	1 16	3 30	1 13	20 33	1 38	0 11	1 23	21 40	1 25	23 30	0 17	16 34	1 43
S 11	14 10	25 34	4 22	19 40	1 6	2 59	1 11	20 41	1 38	0 12	1 23	21 40	1 24	23 30	0 17	16 34	1 43
M12	13 50	22 18	3 41	19 40	0 55	2 28	1 9	20 48	1 38	0 14	1 23	21 40	1 24	23 31	0 17	16 34	1 43
T 13	13 31	18 9	2 50	19 39	0 45	1 56	1 6	20 56	1 39	0 17	1 24	21 41	1 24	23 31	0 17	16 34	1 43
W14	13 10	13 19	1 53	19 36	0 35	1 25	1 4	21 3	1 39	0 19	1 24	21 41	1 24	23 31	0 17	16 34	1 43
T 15	12 50	8 1	0 50	19 33	0 25	0 54	1 1	21 10	1 39	0 21	1 24	21 41	1 23	23 31	0 17	16 34	1 43
F 16	12 29	2 28	0n15	19 28	0 15	0 23	0 59	21 18	1 39	0 23	1 24	21 41	1 23	23 31	0 17	16 34	1 43
S 17	12 9	3n12	1 19	19 22	0 5	0n 9	0 56	21 25	1 39	0 25	1 24	21 41	1 23	23 31	0 17	16 34	1 43
S 18	11 48	8 48	2 21	19 14	0s 4	0 40	0 54	21 32	1 40	0 28	1 25	21 42	1 23	23 31	0 17	16 34	1 43
M19	11 26	14 8	3 17	19 6	0 13	1 11	0 51	21 39	1 40	0 30	1 25	21 42	1 22	23 31	0 17	16 34	1 43
T 20	11 5	19 2	4 5	18 56	0 21	1 43	0 48	21 46	1 40	0 33	1 25	21 42	1 22	23 31	0 17	16 34	1 43
W21	10 43	23 13	4 43	18 45	0 30	2 14	0 45	21 52	1 40	0 35	1 25	21 42	1 22	23 31	0 17	16 34	1 43
T 22	10 22	26 24	5 7	18 33	0 38	2 45	0 43	21 59	1 40	0 38	1 25	21 42	1 22	23 31	0 17	16 34	1 43
F 23	10 0	28 15	5 17	18 19	0 46	3 16	0 40	22 6	1 40	0 40	1 26	21 43	1 22	23 31	0 17	16 34	1 43
S 24	9 38	28 27	5 8	18 5	0 53	3 48	0 37	22 12	1 40	0 43	1 26	21 43	1 21	23 31	0 17	16 34	1 43
S 25	9 16	26 49	4 41	17 49	1 0	4 19	0 34	22 19	1 40	0 46	1 26	21 43	1 21	23 31	0 17	16 34	1 44
M26	8 53	23 20	3 56	17 32	1 7	4 50	0 30	22 25	1 41	0 48	1 26	21 43	1 21	23 31	0 17	16 34	1 44
T 27	8 31	18 15	2 53	17 13	1 14	5 20	0 27	22 31	1 41	0 51	1 26	21 44	1 21	23 31	0 17	16 34	1 44
W28	8s 8	11n58	1n37	16s54	1s20	5n51	0s24	22n38	1n41	0n54	1n27	21n44	1s20	23n31	0n17	16s34	1n44

Julian Day Number = 2678391.5, Delta T = 21m36s  
 Ecliptic obliquity = 23°21'40", Nutation = 0°00'04"  
 Ayanamsha: Fagan/Bradley = 33°25'40", Lahiri = 32°32'39"

## ASTRODIENST EPHEMERIS for the year 2621

MARCH 2621

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 34 57	10° 5'35	18° 2'	18° 38'	17° 4'	5° 11'	0° 58'	21° 12'	5° 50'	22° 5'	2° 54'	20° 31'	21° 16'	7° 38'	2° 10'	T 1
F 2	10 38 54	11° 6'04	3° 10'	20° 5'	18° 16'	5° 37'	0° 51'	21° 13'	5° 49'	22° 5'	2° 54'	20° 31'	21° 13'	7° 44'	2° 11'	F 2
S 3	10 42 50	12° 6'31	18° 2'	21° 33'	19° 28'	6° 10'	0° 44'	21° 14'	5° 48'	22° 4'	2° 54'	20° 32'	21° 10'	7° 51'	2° 12'	S 3
S 4	10 46 47	13° 6'57	2° 32'	23° 3'	20° 40'	6° 43'	0° 37'	21° 15'	5° 48'	22° 4'	2° 55'	20° 32'	21° 6'	7° 58'	2° 14'	S 4
M 5	10 50 43	14° 7'21	16° 37'	24° 33'	21° 52'	7° 16'	0° 29'	21° 16'	5° 48'	22° 4'	2° 55'	20° 33'	21° 3'	8° 4'	2° 15'	M 5
T 6	10 54 40	15° 7'44	0° 14'	26° 4'	23° 4'	7° 49'	0° 22'	21° 18'	5° 47'	22° 3'	2° 55'	20° 33'	21° 0'	8° 11'	2° 17'	T 6
W 7	10 58 36	16° 8'06	13° 25'	27° 36'	24° 15'	8° 22'	0° 15'	21° 19'	5° 47'	22° 3'	2° 56'	20° 34'	20° 57'	8° 17'	2° 18'	W 7
T 8	11 2 33	17° 8'27	26° 13'	29° 9'	25° 27'	8° 55'	0° 7'	21° 21'	5° 46'	22° 3'	2° 56'	20° 34'	20° 54'	8° 24'	2° 20'	T 8
F 9	11 6 30	18° 8'46	8° 42'	0° 44'	26° 38'	9° 29'	29° 59'	21° 23'	5° 46'	22° 2'	2° 57'	20° 33'	20° 51'	8° 31'	2° 22'	F 9
S 10	11 10 26	19° 9'03	20° 55'	2° 19'	27° 50'	10° 2'	29° 52'	21° 24'	5° 46'	22° 2'	2° 57'	20° 33'	20° 47'	8° 37'	2° 23'	S 10
S 11	11 14 23	20° 9'20	2° 56'	3° 55'	29° 1'	10° 36'	29° 45'	21° 26'	5° 46'	22° 1'	2° 58'	20° 33'	20° 44'	8° 44'	2° 25'	S 11
M 12	11 18 19	21° 9'34	14° 49'	5° 33'	0° 12'	11° 9'	29° 37'	21° 28'	5° 45'	22° 0'	2° 58'	20° 33'	20° 41'	8° 51'	2° 27'	M 12
T 13	11 22 16	22° 9'47	26° 38'	7° 11'	1° 23'	11° 43'	29° 29'	21° 31'	5° 45'	22° 0'	2° 59'	20° 33'	20° 38'	8° 57'	2° 29'	T 13
W 14	11 26 12	23° 9'59	8° 25'	8° 50'	2° 34'	12° 17'	29° 22'	21° 33'	5° 45'	21° 59'	2° 59'	20° 33'	20° 35'	9° 4'	2° 31'	W 14
T 15	11 30 9	24° 10'08	20° 13'	10° 31'	3° 45'	12° 51'	29° 14'	21° 35'	5° 45'	21° 59'	3° 0'	20° 33'	20° 31'	9° 11'	2° 33'	T 15
F 16	11 34 5	25° 10'16	2° 3'	12° 12'	4° 56'	13° 25'	29° 6'	21° 38'	5° 45'	21° 58'	3° 0'	20° 33'	20° 28'	9° 17'	2° 35'	F 16
S 17	11 38 2	26° 10'22	13° 59'	13° 55'	6° 6'	13° 59'	28° 58'	21° 40'	5° 45'	21° 57'	3° 1'	20° 33'	20° 25'	9° 24'	2° 37'	S 17
S 18	11 41 59	27° 10'26	26° 2'	15° 39'	7° 17'	14° 33'	28° 50'	21° 43'	5° 46'	21° 56'	3° 2'	20° 32'	20° 22'	9° 31'	2° 40'	S 18
M 19	11 45 55	28° 10'28	8° 14'	17° 24'	8° 27'	15° 7'	28° 43'	21° 46'	5° 46'	21° 56'	3° 2'	20° 31'	20° 19'	9° 37'	2° 42'	M 19
T 20	11 49 52	29° 10'28	20° 38'	19° 10'	9° 38'	15° 41'	28° 35'	21° 48'	5° 46'	21° 55'	3° 3'	20° 30'	20° 16'	9° 44'	2° 44'	T 20
W 21	11 53 48	0° 10'26	3° 16'	20° 57'	10° 48'	16° 16'	28° 27'	21° 51'	5° 46'	21° 54'	3° 4'	20° 29'	20° 12'	9° 51'	2° 47'	W 21
T 22	11 57 45	1° 10'22	16° 11'	22° 45'	11° 58'	16° 50'	28° 19'	21° 55'	5° 47'	21° 53'	3° 4'	20° 28'	20° 9'	9° 57'	2° 49'	T 22
F 23	12 1 41	2° 10'16	29° 25'	24° 34'	13° 8'	17° 24'	28° 11'	21° 58'	5° 47'	21° 52'	3° 5'	20° 28'	20° 6'	10° 4'	2° 52'	F 23
S 24	12 5 38	3° 10'08	13° 1'	26° 25'	14° 17'	17° 59'	28° 4'	22° 1'	5° 48'	21° 51'	3° 6'	20° 28'	20° 3'	10° 10'	2° 54'	S 24
S 25	12 9 34	4° 9'58	26° 59'	28° 17'	15° 27'	18° 33'	27° 56'	22° 4'	5° 48'	21° 50'	3° 7'	20° 29'	20° 0'	10° 17'	2° 57'	S 25
M 26	12 13 31	5° 9'45	11° 20'	0° 10'	16° 36'	19° 8'	27° 48'	22° 8'	5° 49'	21° 49'	3° 7'	20° 30'	19° 57'	10° 24'	2° 59'	M 26
T 27	12 17 28	6° 9'30	26° 1'	2° 4'	17° 46'	19° 43'	27° 40'	22° 11'	5° 50'	21° 48'	3° 8'	20° 31'	19° 53'	10° 30'	3° 2'	T 27
W 28	12 21 24	7° 9'12	10° 57'	3° 59'	18° 55'	20° 17'	27° 33'	22° 15'	5° 50'	21° 47'	3° 9'	20° 32'	19° 50'	10° 37'	3° 5'	W 28
T 29	12 25 21	8° 8'53	26° 1'	5° 55'	20° 4'	20° 52'	27° 25'	22° 19'	5° 51'	21° 46'	3° 10'	20° 32'	19° 47'	10° 44'	3° 8'	T 29
F 30	12 29 17	9° 8'32	11° 5'	7° 53'	21° 12'	21° 27'	27° 18'	22° 23'	5° 52'	21° 45'	3° 11'	20° 31'	19° 44'	10° 50'	3° 11'	F 30
S 31	12 33 14	10° 8'08	26° 0'	9° 51'	22° 21'	22° 11'	27° 10'	22° 27'	5° 53'	21° 44'	3° 11'	20° 31'	19° 41'	10° 57'	3° 13'	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	7s46	4n56	0n14	16s33	1s26	6n22	0s21	22n44	1n41	0n57	1n27	21n44	1s20	23n31	0n17	16s33	T 1
F 2	7 23	2s19	1s10	16 11	1 32	6 52	0 17	22 49	1 41	1 0	1 27	21 45	1 20	23 31	0 17	16 33	F 2
S 3	7 0	9 19	2 27	15 48	1 37	7 23	0 14	22 55	1 41	1 3	1 27	21 45	1 20	23 31	0 17	16 33	S 3
S 4	6 37	15 39	3 33	15 24	1 42	7 53	0 11	23 1	1 41	1 5	1 27	21 45	1 19	23 31	0 17	16 33	S 4
M 5	6 14	20 58	4 24	14 58	1 46	8 23	0 7	23 7	1 41	1 8	1 27	21 45	1 19	23 31	0 17	16 33	M 5
T 6	5 50	24 59	4 58	14 32	1 51	8 53	0 4	23 12	1 41	1 11	1 27	21 46	1 19	23 31	0 17	16 33	T 6
W 7	5 27	27 33	5 15	14 4	1 55	9 22	0 0	23 17	1 41	1 14	1 28	21 46	1 19	23 31	0 17	16 33	W 7
T 8	5 4	28 35	5 16	13 34	1 58	9 52	0n 3	23 23	1 41	1 18	1 28	21 46	1 19	23 31	0 17	16 32	T 8
F 9	4 40	28 6	5 2	13 4	2 1	10 21	0 7	23 28	1 41	1 21	1 28	21 47	1 18	23 31	0 17	16 32	F 9
S 10	4 17	26 16	4 34	12 33	2 4	10 50	0 11	23 33	1 41	1 24	1 28	21 47	1 18	23 31	0 17	16 32	S 10
S 11	3 53	23 15	3 55	12 0	2 6	11 19	0 14	23 38	1 41	1 27	1 28	21 47	1 18	23 31	0 17	16 32	S 11
M 12	3 30	19 18	3 6	11 26	2 8	11 47	0 18	23 42	1 41	1 30	1 28	21 48	1 18	23 32	0 17	16 32	M 12
T 13	3 6	14 37	2 9	10 51	2 10	12 16	0 22	23 47	1 41	1 33	1 28	21 48	1 17	23 32	0 17	16 31	T 13
W 14	2 42	9 25	1 7	10 15	2 11	12 44	0 26	23 51	1 41	1 36	1 28	21 49	1 17	23 31	0 17	16 31	W 14
T 15	2 19	3 54	0 2	9 38	2 12	13 11	0 29	23 56	1 41	1 39	1 28	21 49	1 17	23 31	0 17	16 31	T 15
F 16	1 55	1n47	1n 4	9 0	2 12	13 39	0 33	24 0	1 41	1 42	1 28	21 49	1 17	23 31	0 17	16 31	F 16
S 17	1 31	7 27	2 7	8 20	2 12	14 6	0 37	24 4	1 41	1 46	1 28	21 50	1 16	23 31	0 17	16 31	S 17
S 18	1 7	12 53	3 5	7 40	2 12	14 33	0 41	24 8	1 41	1 49	1 28	21 50	1 16	23 31	0 17	16 30	S 18
M 19	0 43	17 55	3 55	6 58	2 11	14 59	0 45	24 12	1 40	1 52	1 29	21 50	1 16	23 31	0 17	16 30	M 19
T 20	0 20	22 16	4 35	6 15	2 9	15 25	0 49	24 16	1 40	1 55	1 29	21 51	1 16	23 31	0 17	16 30	T 20
W 21	0n 4	25 42	5 3	5 32	2 7	15 51	0 53	24 19	1 40	1 58	1 29	21 51	1 16	23 31	0 17	16 30	W 21
T 22	0 28	27 53	5 16	4 47	2 5	16 16	0 57	24 22	1 40	2 1	1 29	21 52	1 15	23 31	0 17	16 29	T 22
F 23	0 52	28 35	5 13	4 1	2 2	16 41	1 1	24 26	1 40	2 4	1 29	21 52	1 15	23 31	0 17	16 29	F 23
S 24	1 15	27 35	4 53	3 14	1 59	17 6	1 4	24 29	1 40	2 8	1 29	21 52	1 15	23 31	0 17	16 29	S 24
S 25	1 39	24 52	4 15	2 26	1 55	17 30	1 8	24 32	1 40	2 11	1 29	21 53	1 15	23 31	0 17	16 28	S 25
M 26	2 3	20 32	3 21	1 38	1 50	17 54	1 12	24 35	1 40	2 14	1 29	21 53	1 15	23 31	0 17	16 28	M 26
T 27	2 26	14 52	2 12	0 48	1 46	18 17	1 16	24 37	1 40	2 17	1 29	21 54	1 14	23 31	0 17	16 28	T 27
W 28	2 50	8 15	0 53	0n 3	1 40	18 40	1 20	24 40	1 40	2 20	1 29	21 54	1 14	23 31	0 17	16 28	W 28
T 29	3 13	1 7	0s30	0 54	1 34	19 3	1 24	24 42	1 40	2 23	1 29	21 55	1 14	23 31	0 17	16 27	T 29
F 30	3 37	6s 5	1 51	1 46	1 28	19 25	1 28	24 44	1 39	2 26	1 29	21 55	1 14	23 31	0 17	16 27	F 30
S 31	4n 0	12s52	3s 4	2n39	1s21	19n47	1n32	24n46	1n39	2n29	1n29	21n55	1s13	23n31	0n17	16s27	S 31

Julian Day Number = 2678419.5, Delta T = 21m36s

Ecliptic obliquity = 23°21'41", Nutation = 0°00'04"

Ayanamsha: Fagan/Bradley = 33°25'43", Lahiri = 32°32'43"



## ASTRODIENST EPHEMERIS for the year 2621

MAY 2621

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 35 27	10°40'19	16°39	28°57	26°11	10°20	24°R11	25°11	6°44	21°R 1	3°45	19°R13	18°11	14°23	5°11	T 1
W 2	14 39 24	11°38'53	0°3	29°22	27° 7	10°56	24°11	25°15	6°46	20°M59	3°46	19°11	17°59	14°30	5° 6	W 2
T 3	14 43 20	12°37'25	12°59	29°41	28° 7	11°32	24° 4	25°21	6°48	20°58	3°48	18°59	17°56	14°36	5°10	T 3
F 4	14 47 17	13°35'56	25°34	29°55	29° 7	12° 8	24° 1	25°28	6°51	20°56	3°49	18°56	17°53	14°43	5°14	F 4
S 5	14 51 13	14°34'24	7°50	0°11	2° 7	12°43	23°58	25°34	6°53	20°54	3°50	18°54	17°49	14°50	5°18	S 5
S 6	14 55 10	15°32'52	19°50	0°R 4	1° 6	13°19	23°56	25°41	6°56	20°53	3°52	18°D53	17°46	14°56	5°22	S 6
M 7	14 59 6	16°31'17	1°42	29°59	2° 5	13°55	23°53	25°48	6°58	20°51	3°53	18°54	17°43	15° 3	5°26	M 7
T 8	15 3 3	17°29'41	13°29	29°51	3° 4	14°31	23°51	25°54	7° 1	20°49	3°54	18°R55	17°40	15° 9	5°30	T 8
W 9	15 6 59	18°28'04	25°17	29°37	4° 2	15° 8	23°48	26° 1	7° 3	20°48	3°55	18°55	17°37	15°16	5°35	W 9
T 10	15 10 56	19°26'24	7°11	29°18	4°59	15°44	23°46	26° 8	7° 6	20°46	3°57	18°53	17°34	15°23	5°39	T 10
F 11	15 14 53	20°24'44	19°15	28°55	5°56	16°20	23°45	26°14	7° 9	20°45	3°58	18°49	17°30	15°29	5°43	F 11
S 12	15 18 49	21°23'01	1°32	28°28	6°53	16°56	23°43	26°21	7°12	20°43	3°59	18°42	17°27	15°36	5°47	S 12
S 13	15 22 46	22°21'17	14° 3	27°58	7°49	17°32	23°41	26°28	7°14	20°41	4° 1	18°33	17°24	15°43	5°51	S 13
M14	15 26 42	23°19'32	26°49	27°25	8°44	18° 8	23°40	26°35	7°17	20°40	4° 2	18°23	17°21	15°49	5°55	M14
T 15	15 30 39	24°17'45	9°11	26°50	9°39	18°44	23°39	26°42	7°20	20°38	4° 3	18°11	17°18	15°56	6° 0	T 15
W16	15 34 35	25°15'56	23° 5	26°14	10°34	19°20	23°38	26°49	7°23	20°36	4° 5	18° 0	17°14	16° 3	6° 4	W16
T 17	15 38 32	26°14'05	6°32	25°36	11°28	19°57	23°37	26°56	7°26	20°35	4° 6	17°51	17°11	16° 9	6° 8	T 17
F 18	15 42 28	27°12'12	20°10	24°59	12°21	20°33	23°37	27° 3	7°28	20°33	4° 7	17°44	17° 8	16°16	6°12	F 18
S 19	15 46 25	28°10'18	3°12	24°22	13°14	21° 9	23°36	27°10	7°31	20°31	4° 9	17°39	17° 5	16°23	6°17	S 19
S 20	15 50 22	29° 8'21	17°52	23°47	14° 5	21°45	23°36	27°18	7°34	20°30	4°10	17°37	17° 2	16°29	6°21	S 20
M21	15 54 18	0°11	6'23	1°11	14°57	22°22	23°D36	27°25	7°37	20°28	4°11	17°D37	16°59	16°36	6°25	M21
T 22	15 58 15	1° 4'23	16° 2	22°42	15°47	22°58	23°36	27°32	7°40	20°27	4°13	17°R37	16°55	16°43	6°29	T 22
W23	16 2 11	2° 2'20	0°11	22°13	16°37	23°34	23°37	27°39	7°43	20°25	4°14	17°36	16°52	16°49	6°34	W23
T 24	16 6 8	3° 0'16	14°35	21°47	17°26	24°11	23°37	27°47	7°47	20°23	4°15	17°34	16°49	16°56	6°38	T 24
F 25	16 10 4	3°58'10	28°53	21°26	18°15	24°47	23°38	27°54	7°50	20°22	4°17	17°29	16°46	17° 2	6°42	F 25
S 26	16 14 1	4°56'03	13°11	21° 8	19° 2	25°23	23°39	28° 1	7°53	20°20	4°18	17°22	16°43	17° 9	6°46	S 26
S 27	16 17 57	5°53'54	27°16	20°54	19°49	26° 0	23°40	28° 9	7°56	20°19	4°20	17°12	16°40	17°16	6°51	S 27
M28	16 21 54	6°51'44	11°11	20°44	20°34	26°36	23°41	28°16	7°59	20°17	4°21	17° 0	16°36	17°22	6°55	M28
T 29	16 25 51	7°49'32	24°46	20°39	21°19	27°12	23°43	28°24	8° 2	20°16	4°22	16°48	16°33	17°29	6°59	T 29
W30	16 29 47	8°47'19	8° 1	20°D39	22° 3	27°49	23°44	28°31	8° 5	20°14	4°24	16°37	16°30	17°36	7° 4	W30
T 31	16 33 44	9°11'45	05'05	20°35	20°43	22°46	28°25	23°11	8° 9	20°13	4°25	16°28	16°27	17°42	7°11	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	14n59	27s47	5s 7	22n38	2n51	26n30	3n12	24n31	1n34	3n36	1n25	22n 9	1s 8	23n28	0n17	16s15
W 2	15 17	28 23	5 2	22 41	2 48	26 33	3 14	24 28	1 33	3 38	1 25	22 9	1 8	23 28	0 17	16 14
T 3	15 35	27 23	4 41	22 42	2 45	26 36	3 16	24 25	1 33	3 39	1 25	22 9	1 7	23 28	0 17	16 14
F 4	15 52	25 0	4 7	22 40	2 40	26 39	3 17	24 21	1 33	3 40	1 25	22 10	1 7	23 28	0 17	16 13
S 5	16 9	21 31	3 22	22 35	2 34	26 41	3 19	24 17	1 33	3 41	1 24	22 10	1 7	23 28	0 17	16 13
S 6	16 27	17 11	2 30	22 29	2 26	26 42	3 21	24 14	1 32	3 42	1 24	22 10	1 7	23 28	0 17	16 13
M 7	16 43	12 15	1 31	22 19	2 17	26 43	3 22	24 10	1 32	3 43	1 24	22 11	1 7	23 28	0 17	16 12
T 8	17 0	6 55	0 29	22 7	2 7	26 43	3 23	24 6	1 32	3 43	1 24	22 11	1 7	23 28	0 17	16 12
W 9	17 16	1 21	0n34	21 53	1 56	26 42	3 25	24 1	1 32	3 44	1 24	22 12	1 7	23 27	0 17	16 11
T 10	17 32	4n19	1 36	21 37	1 43	26 42	3 26	23 57	1 31	3 45	1 24	22 12	1 6	23 27	0 17	16 11
F 11	17 48	9 54	2 35	21 19	1 30	26 40	3 27	23 52	1 31	3 45	1 23	22 12	1 6	23 27	0 17	16 10
S 12	18 3	15 12	3 27	20 59	1 15	26 38	3 27	23 48	1 31	3 46	1 23	22 13	1 6	23 27	0 17	16 10
S 13	18 18	19 59	4 10	20 37	1 0	26 35	3 28	23 43	1 31	3 46	1 23	22 13	1 6	23 27	0 17	16 9
M14	18 33	23 57	4 42	20 14	0 44	26 32	3 28	23 38	1 30	3 46	1 23	22 13	1 6	23 27	0 17	16 9
T 15	18 47	26 47	5 0	19 49	0 27	26 29	3 29	23 33	1 30	3 47	1 23	22 13	1 6	23 27	0 17	16 9
W16	19 1	28 12	5 1	19 24	0 10	26 25	3 29	23 27	1 30	3 47	1 22	22 14	1 6	23 26	0 17	16 8
T 17	19 15	27 59	4 47	18 58	0s 8	26 20	3 29	23 22	1 30	3 47	1 22	22 14	1 5	23 26	0 17	16 8
F 18	19 28	26 4	4 16	18 32	0 25	26 15	3 29	23 16	1 29	3 47	1 22	22 14	1 5	23 26	0 17	16 7
S 19	19 41	22 36	3 30	18 7	0 43	26 10	3 28	23 10	1 29	3 47	1 22	22 15	1 5	23 26	0 17	16 7
S 20	19 54	17 49	2 31	17 41	1 0	26 4	3 28	23 4	1 29	3 47	1 21	22 15	1 5	23 26	0 17	16 7
M21	20 6	12 3	1 22	17 16	1 17	25 57	3 27	22 58	1 29	3 47	1 21	22 15	1 5	23 26	0 17	16 6
T 22	20 18	5 37	0 8	16 53	1 33	25 50	3 26	22 52	1 28	3 46	1 21	22 15	1 5	23 25	0 17	16 6
W23	20 30	1s 8	1s 7	16 30	1 49	25 43	3 25	22 45	1 28	3 46	1 21	22 16	1 5	23 25	0 17	16 5
T 24	20 41	7 51	2 18	16 9	2 4	25 36	3 24	22 39	1 28	3 46	1 21	22 16	1 5	23 25	0 17	16 5
F 25	20 52	14 10	3 20	15 50	2 18	25 28	3 22	22 32	1 27	3 45	1 20	22 16	1 4	23 25	0 17	16 5
S 26	21 3	19 42	4 10	15 33	2 31	25 19	3 20	22 25	1 27	3 45	1 20	22 16	1 4	23 25	0 17	16 4
S 27	21 13	24 5	4 43	15 18	2 43	25 11	3 18	22 18	1 27	3 44	1 20	22 17	1 4	23 24	0 17	16 4
M28	21 23	26 59	4 59	15 4	2 54	25 1	3 16	22 11	1 27	3 43	1 20	22 17	1 4	23 24	0 17	16 3
T 29	21 33	28 13	4 58	14 53	3 5	24 52	3 14	22 4	1 26	3 43	1 20	22 17	1 4	23 24	0 17	16 3
W30	21 42	27 47	4 40	14 45	3 13	24 42	3 11	21 56	1 26	3 42	1 19	22 17	1 4	23 24	0 17	16 3
T 31	21n50	25s50	4s 9	14n38	3s21	24n33	3n 8	21n49	1n26	3n41	1n19	22n17	1s 4	23n24	0n17	16s 2

Julian Day Number = 2678480.5, Delta T = 21m37s

Ecliptic obliquity = 23°21'40, Nutation = 0°00'02

Ayanamsha: Fagan/Bradley = 33°25'52, Lahiri = 32°32'52

# ASTRODIENST EPHEMERIS for the year 2621

JUNE 2621

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 37 40	10♌42'50	3♏28	20♌51	23♏28	29♏2	23♏48	28♌46	8♏12	20°R11	4♌26	16°R21	16♌24	17♌49	7♌12	F 1
S 2	16 41 37	11°40'33	15°44	21° 5	24° 9	29°38	23°50	28°54	8°15	20♌10	4°28	16°R17	16°20	17°56	7°17	S 2
S 3	16 45 33	12°38'15	27°45	21°22	24°49	0♌15	23°52	29° 1	8°19	20° 8	4°29	16°15	16°17	18° 2	7°21	S 3
M 4	16 49 30	13°35'57	9♌37	21°44	25°27	0°51	23°55	29° 9	8°22	20° 7	4°30	16°14	16°14	18° 9	7°25	M 4
T 5	16 53 26	14°33'37	21°26	22°10	26° 5	1°28	23°58	29°16	8°25	20° 5	4°32	16°14	16°11	18°16	7°29	T 5
W 6	16 57 23	15°31'16	3♌16	22°41	26°41	2° 4	24° 0	29°24	8°29	20° 4	4°33	16°13	16° 8	18°22	7°34	W 6
T 7	17 1 120	16°28'54	15°13	23°15	27°16	2°41	24° 3	29°32	8°32	20° 2	4°34	16°11	16° 5	18°29	7°38	T 7
F 8	17 5 16	17°26'32	27°21	23°54	27°50	3°17	24° 7	29°39	8°35	20° 1	4°36	16° 7	16° 1	18°35	7°42	F 8
S 9	17 9 13	18°24'08	9♌46	24°36	28°22	3°54	24°10	29°47	8°39	20° 0	4°37	15°59	15°58	18°42	7°46	S 9
S 10	17 13 9	19°21'44	22°29	25°22	28°53	4°30	24°13	29°55	8°42	19°58	4°38	15°50	15°55	18°49	7°51	S 10
M11	17 17 6	20°19'19	5♌31	26°12	29°22	5° 7	24°17	0♏2	8°46	19°57	4°40	15°38	15°52	18°55	7°55	M11
T 12	17 21 2	21°16'52	18°53	27° 6	29°50	5°44	24°21	0°10	8°49	19°55	4°41	15°26	15°49	19° 2	7°59	T 12
W13	17 24 59	22°14'25	2♏31	28° 2	0♌16	6°20	24°25	0°18	8°53	19°54	4°42	15°14	15°46	19° 9	8° 3	W13
T 14	17 28 56	23°11'57	16°23	29° 3	0°41	6°57	24°29	0°26	8°56	19°53	4°44	15° 4	15°42	19°15	8° 8	T 14
F 15	17 32 52	24° 9'28	0♌25	0♌6	1° 4	7°33	24°33	0°33	8°59	19°51	4°45	14°55	15°39	19°22	8°12	F 15
S 16	17 36 49	25° 6'57	14°33	1°13	1°25	8°10	24°38	0°41	9° 3	19°50	4°46	14°50	15°36	19°29	8°16	S 16
S 17	17 40 45	26° 4'25	28°43	2°23	1°45	8°47	24°43	0°49	9° 6	19°49	4°47	14°48	15°33	19°35	8°20	S 17
M18	17 44 42	27° 1'52	12♌53	3°36	2° 2	9°23	24°47	0°57	9°10	19°48	4°49	14°D47	15°30	19°42	8°24	M18
T 19	17 48 38	27°59'18	2♌1	4°52	2°18	10° 0	24°52	1° 5	9°14	19°47	4°50	14°R47	15°26	19°49	8°28	T 19
W20	17 52 35	28°56'43	11♌7	6°12	2°31	10°37	24°57	1°12	9°17	19°45	4°51	14°47	15°23	19°55	8°32	W20
T 21	17 56 31	29°54'06	25° 9	7°34	2°43	11°14	25° 3	1°20	9°21	19°44	4°52	14°45	15°20	20° 2	8°36	T 21
F 22	18 0 28	0♏51'29	9♌6	8°59	2°52	11°50	25° 8	1°28	9°24	19°43	4°54	14°40	15°17	20° 9	8°41	F 22
S 23	18 4 25	1°48'50	22°57	10°27	3° 0	12°27	25°14	1°36	9°28	19°42	4°55	14°33	15°14	20°15	8°45	S 23
S 24	18 8 21	2°46'11	6♌38	11°58	3° 4	13° 4	25°19	1°43	9°31	19°41	4°56	14°24	15°11	20°22	8°49	S 24
M25	18 12 18	3°43'31	20° 8	13°32	3° 7	13°41	25°25	1°51	9°35	19°40	4°57	14°13	15° 7	20°28	8°53	M25
T 26	18 16 14	4°40'50	3♌23	15° 9	3°R 7	14°18	25°31	1°59	9°38	19°39	4°59	14° 1	15° 4	20°35	8°57	T 26
W27	18 20 11	5°38'09	16°22	16°49	3° 5	14°54	25°37	2° 7	9°42	19°38	5° 0	13°51	15° 1	20°42	9° 1	W27
T 28	18 24 7	6°35'27	29° 4	18°32	3° 1	15°31	25°43	2°15	9°46	19°37	5° 1	13°42	14°58	20°48	9° 5	T 28
F 29	18 28 4	7°32'45	11♌30	20°17	2°54	16° 8	25°50	2°22	9°49	19°36	5° 2	13°35	14°55	20°55	9° 9	F 29
S 30	18 32 0	8°30'02	23♌41	22♌5	2♌45	16♌45	25°56	2°30	9°53	19♌35	5♌3	13°R31	14°R52	21°R2	9♌12	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
F 1	21n59	22s39 3s26	14n34 3s28	24n22 3n 5	21n41 1n25	3n40 1n19	22n18 1s 4	23n23 0n17	16s 2 1n46	7n24 13s46	5s22 5s21	4s41 17n35	3s54			
S 2	22 7 18 31	2 34 14 32	3 34 24 12	3 2 21 33	1 25 3 39	1 19 22 18	1 4 23n23	0 17 16 1	1 46 7 25	13 46 5 24	5 22 4 38	17 36 3 54				
S 3	22 14 13 43	1 36 14 32	3 39 24 1	2 58 21 25	1 25 3 38	1 19 22 18	1 3 23 23	0 17 16 1	1 46 7 25	13 46 5 25	5 24 4 34	17 37 3 54				
M 4	22 21 8 29	0 35 14 34	3 42 23 50	2 54 21 17	1 25 3 37	1 18 22 18	1 3 23 23	0 17 16 1	1 46 7 25	13 46 5 25	5 25 4 31	17 37 3 55				
T 5	22 28 2 58	0n28 14 38	3 45 23 39	2 50 21 8	1 24 3 35	1 18 22 18	1 3 23 23	0 17 16 0	1 46 7 25	13 46 5 25	5 26 4 27	17 38 3 55				
W 6	22 35 2n39	1 29 14 43	3 47 23 28	2 46 21 0	1 24 3 34	1 18 22 18	1 3 23 22	0 17 16 0	1 46 7 26	13 46 5 25	5 27 4 24	17 38 3 55				
T 7	22 41 8 14	2 27 14 51	3 47 23 16	2 41 20 51	1 24 3 33	1 18 22 19	1 3 23 22	0 17 16 0	1 46 7 26	13 46 5 26	5 29 4 21	17 39 3 55				
F 8	22 46 13 36	3 19 15 1	3 47 23 5	2 36 20 43	1 23 3 31	1 18 22 19	1 3 23 22	0 17 15 59	1 46 7 26	13 46 5 28	5 30 4 17	17 39 3 55				
S 9	22 51 18 32	4 3 15 12	3 46 22 53	2 31 20 34	1 23 3 30	1 17 22 19	1 3 23 22	0 17 15 59	1 46 7 26	13 46 5 30	5 31 4 14	17 40 3 55				
S 10	22 56 22 47	4 36 15 24	3 45 22 41	2 25 20 25	1 23 3 28	1 17 22 19	1 3 23 22	0 17 15 59	1 46 7 26	13 46 5 34	5 32 4 10	17 41 3 55				
M11	23 1 26 0	4 56 15 38	3 42 22 29	2 19 20 16	1 22 3 26	1 17 22 19	1 3 23 21	0 17 15 58	1 46 7 26	13 46 5 39	5 33 4 7	17 41 3 55				
T 12	23 5 27 53	5 0 15 54	3 39 22 17	2 13 20 6	1 22 3 25	1 17 22 19	1 3 23 21	0 17 15 58	1 46 7 27	13 46 5 43	5 35 4 4	17 42 3 55				
W13	23 8 28 7	4 47 16 10	3 35 22 5	2 6 19 57	1 22 3 23	1 16 22 19	1 2 23 21	0 17 15 58	1 46 7 27	13 46 5 48	5 36 4 0	17 42 3 56				
T 14	23 11 26 37	4 17 16 28	3 30 21 53	1 59 19 47	1 22 3 21	1 16 22 19	1 2 23 21	0 17 15 57	1 46 7 27	13 47 5 52	5 37 3 57	17 43 3 56				
F 15	23 14 23 26	3 32 16 46	3 25 21 40	1 52 19 38	1 21 3 19	1 16 22 19	1 2 23 20	0 17 15 57	1 46 7 27	13 47 5 55	5 38 3 53	17 43 3 56				
S 16	23 16 18 51	2 33 17 6	3 19 21 28	1 44 19 28	1 21 3 17	1 16 22 19	1 2 23 20	0 17 15 57	1 46 7 27	13 47 5 57	5 40 3 50	17 44 3 56				
S 17	23 18 13 12	1 24 17 26	3 12 21 16	1 36 19 18	1 21 3 15	1 16 22 19	1 2 23 20	0 17 15 56	1 46 7 27	13 47 5 58	5 41 3 46	17 44 3 56				
M18	23 20 6 52	0 10 17 47	3 5 21 4	1 28 19 8	1 20 3 13	1 15 22 19	1 2 23 20	0 17 15 56	1 45 7 28	13 47 5 58	5 42 3 43	17 45 3 56				
T 19	23 21 0 12	1s 4 18 8	2 57 20 52	1 19 18 58	1 20 3 11	1 15 22 19	1 2 23 20	0 17 15 56	1 45 7 28	13 47 5 58	5 43 3 40	17 45 3 56				
W20	23 21 6s27	2 15 18 30	2 49 20 40	1 10 18 48	1 20 3 9	1 15 22 19	1 2 23 19	0 17 15 56	1 45 7 28	13 47 5 59	5 44 3 36	17 46 3 57				
T 21	23 22 12 45	3 17 18 52	2 40 20 28	1 0 18 37	1 19 3 7	1 15 22 19	1 2 23 19	0 17 15 55	1 45 7 28	13 47 5 59	5 46 3 33	17 46 3 57				
F 22	23 21 18 22	4 6 19 14	2 31 20 16	0 50 18 27	1 19 3 4	1 15 22 19	1 2 23 19	0 17 15 55	1 45 7 28	13 47 6 1	5 47 3 29	17 47 3 57				
S 23	23 21 22 59	4 41 19 37	2 21 20 5	0 40 18 16	1 19 3 2	1 14 22 19	1 2 23 19	0 17 15 55	1 45 7 28	13 47 6 4	5 48 3 26	17 47 3 57				
S 24	23 20 26 16	4 59 19 59	2 11 19 53	0 29 18 5	1 18 2 59	1 14 22 19	1 2 23 18	0 17 15 54	1 45 7 28	13 47 6 7	5 49 3 23	17 47 3 57				
M25	23 19 27 59	5 0 20 21	2 1 19 42	0 18 17 55	1 18 2 57	1 14 22 19	1 1 23 18	0 17 15 54	1 45 7 28	13 47 6 12	5 51 3 19	17 48 3 57				
T 26	23 17 28 4	4 45 20 43	1 50 19 31	0 7 17 44	1 18 2 54	1 14 22 19	1 1 23 18	0 17 15 54	1 45 7 28	13 48 6 16	5 52 3 16	17 48 3 58				
W27	23 14 26 35	4 15 21 4	1 39 19 20	0s 5 17 33	1 17 2 52	1 14 22 19	1 1 23 18	0 17 15 54	1 45 7 29	13 48 6 20	5 53 3 12	17 49 3 58				
T 28	23 12 23 45	3 33 21 24	1 28 19 9	0 17 17 21	1 17 2 49	1 14 22 19	1 1 23 17	0 17 15 54	1 45 7 29	13 48 6 23	5 54 3 9	17 49 3 58				
F 29	23 9 19 52	2 42 21 44	1 17 18 58	0 29 17 10	1 17 2 47	1 13 22 19	1 1 23 17	0 17 15 53	1 45 7 29	13 48 6 26	5 55 3 6	17 50 3 58				
S 30	23n 5 15s13	1s44 22n 3	1s 5 18n48	0s42 16n59	1n16 2n44	1n13 22n19	1s 1 23n17	0n17 15s53	1n45 7n29	13s48 6s28	5s57 3s 2	17n50 3s58				

Julian Day Number = 2678511.5, Delta T = 21m37s  
Ecliptic obliquity = 23°21'39, Nutation = 0°00'04  
Ayanamsha: Fagan/Bradley = 33°25'56, Lahiri = 32°32'56



## ASTRODIENST EPHEMERIS for the year 2621

AUGUST 2621

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 38 10	9♌ 2°09	19♍ 18	26♌ 47	17°R31	6♍ 33	0♌ 28	6♌ 29	11♌ 44	19°D20	5♌ 34	11♌ 54	13♌ 10	24♌ 34	11♌ 0	W 1
T 2	20 42 7	9°59'27	1♌ 16	28°31	17♌ 16	7°10	0°38	6°36	11°48	19♌ 20	5°34	11°56	13° 7	24°41	11° 3	T 2
F 3	20 46 3	10°56'46	13°26	0♍ 12	17° 3	7°48	0°48	6°43	11°51	19°20	5°35	11°R56	13° 4	24°48	11° 6	F 3
S 4	20 50 0	11°54'05	25°53	1°52	16°53	8°25	0°59	6°50	11°54	19°20	5°36	11°55	13° 0	24°54	11° 8	S 4
S 5	20 53 57	12°51'26	8♌ 41	3°30	16°45	9° 3	1° 9	6°57	11°57	19°20	5°36	11°53	12°57	25° 1	11°11	S 5
M 6	20 57 53	13°48'48	21°54	5° 6	16°40	9°40	1°20	7° 4	12° 1	19°20	5°37	11°50	12°54	25° 8	11°13	M 6
T 7	21 1 50	14°46'10	5♌ 33	6°40	16°37	10°18	1°30	7°10	12° 4	19°20	5°37	11°46	12°51	25°14	11°16	T 7
W 8	21 5 46	15°43'34	19°37	8°13	16°D36	10°55	1°41	7°17	12° 7	19°20	5°38	11°42	12°48	25°21	11°18	W 8
T 9	21 9 43	16°40'58	4♌ 4	9°44	16°38	11°33	1°51	7°24	12°10	19°21	5°39	11°39	12°44	25°28	11°21	T 9
F 10	21 13 39	17°38'23	18°47	11°12	16°42	12°10	2° 2	7°30	12°13	19°21	5°39	11°37	12°41	25°34	11°23	F 10
S 11	21 17 36	18°35'48	3♍ 41	12°39	16°48	12°48	2°13	7°37	12°16	19°21	5°40	11°35	12°38	25°41	11°25	S 11
S 12	21 21 32	19°33'15	18°36	14° 5	16°56	13°26	2°24	7°43	12°19	19°22	5°40	11°D35	12°35	25°48	11°27	S 12
M13	21 25 29	20°30'42	3♌ 26	15°28	17° 7	14° 3	2°35	7°50	12°22	19°22	5°41	11°36	12°32	25°54	11°30	M13
T 14	21 29 26	21°28'10	18° 4	16°49	17°19	14°41	2°46	7°56	12°25	19°22	5°41	11°37	12°29	26° 1	11°32	T 14
W15	21 33 22	22°25'38	2♌ 25	18° 9	17°34	15°19	2°57	8° 2	12°28	19°23	5°41	11°39	12°25	26° 7	11°34	W15
T 16	21 37 19	23°23'07	16°27	19°26	17°50	15°56	3° 9	8° 9	12°31	19°23	5°42	11°39	12°22	26°14	11°36	T 16
F 17	21 41 15	24°20'37	0♌ 10	20°42	18° 8	16°34	3°20	8°15	12°34	19°24	5°42	11°R39	12°19	26°21	11°38	F 17
S 18	21 45 12	25°18'07	13°33	21°55	18°28	17°12	3°31	8°21	12°37	19°24	5°43	11°39	12°16	26°27	11°40	S 18
S 19	21 49 8	26°15'38	26°38	23° 6	18°50	17°50	3°43	8°27	12°40	19°25	5°43	11°37	12°13	26°34	11°41	S 19
M20	21 53 5	27°13'11	9♌ 27	24°15	19°14	18°27	3°54	8°33	12°42	19°26	5°43	11°35	12°10	26°41	11°43	M20
T 21	21 57 1	28°10'43	22° 1	25°21	19°39	19° 5	4° 6	8°39	12°45	19°26	5°44	11°33	12° 6	26°47	11°45	T 21
W22	22 0 58	29° 8'17	4♌ 23	26°25	20° 6	19°43	4°17	8°45	12°48	19°27	5°44	11°32	12° 3	26°54	11°47	W22
T 23	22 4 55	0♍ 5'52	16°34	27°27	20°34	20°21	4°29	8°51	12°51	19°28	5°44	11°30	12° 0	27° 1	11°48	T 23
F 24	22 8 51	1° 3'28	28°37	28°26	21° 4	20°59	4°41	8°57	12°53	19°28	5°44	11°29	11°57	27° 7	11°50	F 24
S 25	22 12 48	2° 1'05	10♌ 32	29°22	21°36	21°37	4°52	9° 3	12°56	19°29	5°45	11°D29	11°54	27°14	11°51	S 25
S 26	22 16 44	2°58'43	22°22	0♌ 15	22° 8	22°15	5° 4	9° 8	12°59	19°30	5°45	11°29	11°50	27°21	11°53	S 26
M27	22 20 41	3°56'22	4♍ 10	1° 5	22°42	22°53	5°16	9°14	13° 1	19°31	5°45	11°30	11°47	27°27	11°54	M27
T 28	22 24 37	4°54'03	15°58	1°52	23°18	23°31	5°28	9°19	13° 4	19°32	5°45	11°30	11°44	27°34	11°55	T 28
W29	22 28 34	5°51'45	27°50	2°35	23°54	24° 9	5°40	9°25	13° 6	19°33	5°45	11°31	11°41	27°41	11°57	W29
T 30	22 32 30	6°49'29	9♌ 49	3°15	24°32	24°47	5°52	9°30	13° 9	19°33	5°46	11°32	11°38	27°47	11°58	T 30
F 31	22 36 27	7♍ 47'15	21♌ 59	3♌ 51	25♌ 11	25♍ 25	6♌ 4	9♌ 36	13♌ 11	19♌ 34	5♌ 46	11♌ 32	11♌ 35	27♌ 54	11♌ 59	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	17n56	10n28	3n11	13n53	1n25	15n54	6s23	10n 5	1n 5	0n52	1n 8	22n13	1s 0	23n 8	0n18	15s51	1n43	7n28	13s54	7s 4	6s36	1s13	17n57	4s 6			
T 2	17 41	15 36	3 58	13 12	1 20	15 53	6 25	9 51	1 4	0 47	1 8	22 12	1 0	23 8	0 18	15 51	1 43	7 28	13 54	7 4	6 37	1 9	17 58	4 6			
F 3	17 26	20 12	4 36	12 31	1 14	15 54	6 26	9 37	1 4	0 43	1 8	22 12	1 0	23 8	0 18	15 51	1 43	7 28	13 54	7 4	6 38	1 6	17 58	4 7			
S 4	17 10	24 3	5 2	11 50	1 8	15 54	6 27	9 22	1 4	0 39	1 8	22 12	1 0	23 7	0 18	15 51	1 43	7 28	13 54	7 4	6 39	1 2	17 58	4 7			
S 5	16 54	26 50	5 13	11 8	1 1	15 55	6 27	9 8	1 3	0 35	1 8	22 11	1 0	23 7	0 18	15 51	1 43	7 27	13 55	7 5	6 41	0 59	17 58	4 7			
M 6	16 38	28 15	5 9	10 27	0 54	15 55	6 27	8 53	1 3	0 31	1 8	22 11	1 0	23 7	0 18	15 51	1 43	7 27	13 55	7 6	6 42	0 56	17 58	4 8			
T 7	16 21	28 2	4 47	9 45	0 46	15 56	6 26	8 39	1 3	0 26	1 8	22 11	1 0	23 6	0 18	15 51	1 43	7 27	13 55	7 8	6 43	0 52	17 58	4 8			
W 8	16 4	26 1	4 8	9 4	0 39	15 58	6 25	8 24	1 2	0 22	1 7	22 10	0 59	23 6	0 18	15 51	1 43	7 27	13 55	7 9	6 44	0 49	17 58	4 8			
T 9	15 47	22 17	3 12	8 22	0 31	15 59	6 24	8 10	1 2	0 18	1 7	22 10	0 59	23 6	0 18	15 51	1 43	7 27	13 56	7 10	6 45	0 45	17 58	4 8			
F 10	15 30	17 5	2 2	7 41	0 22	16 1	6 22	7 55	1 1	0 13	1 7	22 10	0 59	23 6	0 18	15 52	1 43	7 27	13 56	7 11	6 47	0 42	17 58	4 9			
S 11	15 12	10 48	0 43	7 0	0 14	16 2	6 19	7 40	1 1	0 9	1 7	22 9	0 59	23 5	0 18	15 52	1 43	7 27	13 56	7 12	6 48	0 38	17 58	4 9			
S 12	14 54	3 54	0s39	6 19	0 5	16 4	6 17	7 26	1 1	0 4	1 7	22 9	0 59	23 5	0 18	15 52	1 43	7 26	13 56	7 12	6 49	0 35	17 58	4 9			
M13	14 36	3s10	1 58	5 39	0s 4	16 5	6 14	7 11	1 0	0s 0	1 7	22 9	0 59	23 5	0 18	15 52	1 43	7 26	13 57	7 11	6 50	0 32	17 58	4 10			
T 14	14 18	9 58	3 8	4 58	0 14	16 7	6 10	6 56	1 0	0 5	1 7	22 8	0 59	23 5	0 18	15 52	1 43	7 26	13 57	7 11	6 51	0 28	17 58	4 10			
W15	14 0	16 6	4 5	4 19	0 23	16 9	6 7	6 41	0 59	0 9	1 7	22 8	0 59	23 4	0 18	15 52	1 43	7 26	13 57	7 10	6 53	0 25	17 58	4 10			
T 16	13 41	21 16	4 46	3 40	0 33	16 11	6 3	6 26	0 59	0 14	1 7	22 7	0 59	23 4	0 18	15 52	1 42	7 26	13 57	7 10	6 54	0 21	17 58	4 11			
F 17	13 22	25 10	5 10	3 1	0 43	16 12	5 59	6 11	0 59	0 18	1 6	22 7	0 59	23 4	0 18	15 53	1 42	7 26	13 58	7 10	6 55	0 18	17 58	4 11			
S 18	13 3	27 35	5 16	2 23	0 53	16 14	5 55	5 56	0 58	0 23	1 6	22 7	0 59	23 4	0 18	15 53	1 42	7 25	13 58	7 10	6 56	0 15	17 57	4 11			
S 19	12 43	28 24	5 5	1 45	1 3	16 16	5 50	5 41	0 58	0 27	1 6	22 6	0 59	23 3	0 18	15 53	1 42	7 25	13 58	7 11	6 57	0 11	17 57	4 12			
M20	12 24	27 40	4 40	1 9	1 14	16 17	5 45	5 26	0 57	0 32	1 6	22 6	0 59	23 3	0 18	15 53	1 42	7 25	13 58	7 12	6 59	0 8	17 57	4 12			
T 21	12 4	25 32	4 1	0 33	1 24	16 19	5 40	5 11	0 57	0 37	1 6	22 6	0 59	23 3	0 18	15 54	1 42	7 25	13 59	7 12	7 0	0 4	17 57	4 12			
W22	11 44	22 12	3 11	0s 2	1 35	16 20	5 35	4 56	0 57	0 41	1 6	22 5	0 59	23 3	0 18	15 54	1 42	7 25	13 59	7 13	7 1	0 1	17 57	4 13			
T 23	11 24	17 57	2 14	0 36	1 45	16 21	5 30	4 40	0 56	0 46	1 6	22 5	0 59	23 2	0 18	15 54	1 42	7 24	13 59	7 14	7 2	0n 3	17 57	4 13			
F 24	11 4	13 2	1 11	1 9	1 56	16 22	5 25	4 25	0 56	0 51	1 6	22 4	0 59	23 2	0 18	15 54	1 42	7 24	13 59	7 14	7 4	0 6	17 57	4 13			
S 25	10 43	7 41	0 5	1 41	2 7	16 23	5 19	4 10	0 55	0 55	1 6	22 4	0 59	23 2	0 18	15 55	1 42	7 24	14 0	7 14	7 5	0 9	17 57	4 14			
S 26	10 23	2 6	1n 0	2 12	2 17	16 23	5 14	3 55	0 55	1 0	1 6	22 4	0 59	23 2	0 18	15 55	1 42	7 24	14 0	7 14	7 6	0 13	17 56	4 14			
M27	10 2	3n32	2 3	2 42	2 28	16 23	5 8	3 39	0 55	1 5	1 6	22 3	0 59	23 2	0 18	15 55	1 42	7 23	14 0	7 14	7 7	0 16	17 56	4 14			
T 28	9 41	9 2	3 0	3 10	2 38	16 23	5 2	3 24	0 54	1 10	1 6	22 3	0 59	23 1	0 18	15 55	1 42	7 23	14 1	7 13	7 8	0 20	17 56	4 15			
W29	9 20	14 15	3 50	3 37	2 49	16 23	4 56	3 9	0 54	1 14	1 6	22 2	0 59	23 1	0 18	15 56	1 42	7 23	14 1	7 13	7 10	0 23	17 56	4 15			
T 30	8 59	18 59	4 30	4 2	2 59	16 23	4 50	2 53	0 53	1 19	1 5	22 2	0 59	23 1	0 18	15 56	1 42	7 23	14 1	7 13	7 11	0 26	17 56	4 16			
F 31	8n37	23n 1	4n59	4s25	3s 9	16n22	4s44	2n38	0n53	1s24	1n 5	22n 2	0s59	23n 1	0n18	15s56	1n42	7n23	14s 1	7s13	7s12	0n30	17n55	4s16			

## ASTRODIENST EPHEMERIS for the year 2621

SEPTEMBER 2621

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 40 24	8 <sup>h</sup> 45'02	4 <sup>h</sup> 24	4 <sup>h</sup> 23	25 <sup>h</sup> 51	26 <sup>h</sup> 3	6 <sup>h</sup> 16	9 <sup>h</sup> 41	13 <sup>h</sup> 13	19 <sup>h</sup> 35	5 <sup>h</sup> 46	11 <sup>h</sup> R32	11 <sup>h</sup> 31	28 <sup>h</sup> 1	12 <sup>h</sup> 0	S 1
S 2	22 44 20	9°42'51	17° 9	4°50	26°33	26°41	6°28	9°46	13°16	19°36	5°46	11 <sup>h</sup> 32	11°28	28° 7	12° 1	S 2
M 3	22 48 17	10°40'41	0 <sup>h</sup> 16	5°13	27°15	27°19	6°40	9°51	13°18	19°37	5°46	11°32	11°25	28°14	12° 2	M 3
T 4	22 52 13	11°38'33	13°50	5°31	27°58	27°57	6°53	9°56	13°20	19°38	5°46	11°D32	11°22	28°20	12° 3	T 4
W 5	22 56 10	12°36'27	27°50	5°44	28°42	28°35	7° 5	10° 1	13°23	19°40	5°R46	11°32	11°19	28°27	12° 4	W 5
T 6	23 0 6	13°34'23	12 <sup>h</sup> 16	5°52	29°27	29°13	7°17	10° 6	13°25	19°41	5°46	11°32	11°16	28°34	12° 4	T 6
F 7	23 4 3	14°32'20	27° 4	5°R54	0 <sup>h</sup> 13	29°52	7°30	10°11	13°27	19°42	5°46	11°32	11°12	28°40	12° 5	F 7
S 8	23 7 59	15°30'19	12 <sup>h</sup> 7	5°51	1° 0	0 <sup>h</sup> 30	7°42	10°15	13°29	19°43	5°46	11°R33	11° 9	28°47	12° 6	S 8
S 9	23 11 56	16°28'19	27°17	5°41	1°48	1° 8	7°54	10°20	13°31	19°44	5°46	11°32	11° 6	28°54	12° 6	S 9
M10	23 15 53	17°26'21	12 <sup>h</sup> 24	5°26	2°36	1°47	8° 7	10°25	13°33	19°45	5°46	11°32	11° 3	29° 0	12° 7	M10
T 11	23 19 49	18°24'24	27°21	5° 4	3°25	2°25	8°19	10°29	13°35	19°47	5°46	11°31	11° 0	29° 7	12° 7	T 11
W12	23 23 46	19°22'29	11 <sup>h</sup> 58	4°36	4°15	3° 3	8°32	10°33	13°37	19°48	5°45	11°30	10°56	29°14	12° 8	W12
T 13	23 27 42	20°20'35	26°13	4° 2	5° 6	3°42	8°44	10°38	13°39	19°49	5°45	11°30	10°53	29°20	12° 8	T 13
F 14	23 31 39	21°18'42	10 <sup>h</sup> 1	3°23	5°57	4°20	8°57	10°42	13°41	19°51	5°45	11°29	10°50	29°27	12° 8	F 14
S 15	23 35 35	22°16'51	23°25	2°37	6°49	4°59	9°10	10°46	13°43	19°52	5°45	11°D29	10°47	29°34	12° 8	S 15
S 16	23 39 32	23°15'01	6 <sup>h</sup> 25	1°47	7°42	5°37	9°22	10°50	13°44	19°53	5°45	11°29	10°44	29°40	12° 8	S 16
M17	23 43 28	24°13'13	19° 5	0°53	8°35	6°16	9°35	10°54	13°46	19°55	5°44	11°30	10°41	29°47	12°R 8	M17
T 18	23 47 25	25°11'26	1 <sup>h</sup> 28	29 <sup>h</sup> 56	9°29	6°54	9°48	10°58	13°48	19°56	5°44	11°31	10°37	29°54	12° 8	T 18
W19	23 51 22	26° 9'41	13°37	28°57	10°23	7°33	10° 0	11° 2	13°49	19°58	5°44	11°32	10°34	0°Y 0	12° 8	W19
T 20	23 55 18	27° 7'57	25°37	27°56	11°18	8°11	10°13	11° 5	13°51	19°59	5°44	11°34	10°31	0° 7	12° 8	T 20
F 21	23 59 15	28° 6'14	7 <sup>h</sup> 31	26°57	12°14	8°50	10°26	11° 9	13°52	20° 1	5°43	11°R34	10°28	0°14	12° 8	F 21
S 22	0 3 11	29° 4'34	19°20	25°59	13°10	9°29	10°39	11°12	13°54	20° 2	5°43	11°34	10°25	0°20	12° 8	S 22
S 23	0 7 8	0 <sup>h</sup> 2'55	1 <sup>h</sup> Y 8	25° 4	14° 6	10° 7	10°52	11°16	13°55	20° 4	5°43	11°33	10°21	0°27	12° 7	S 23
M24	0 11 4	1° 1'18	12°57	24°14	15° 4	10°46	11° 4	11°19	13°57	20° 6	5°42	11°31	10°18	0°33	12° 7	M24
T 25	0 15 1	1°59'42	24°49	23°29	16° 1	11°25	11°17	11°22	13°58	20° 7	5°42	11°28	10°15	0°40	12° 6	T 25
W26	0 18 57	2°58'09	6 <sup>h</sup> 46	22°52	16°59	12° 4	11°30	11°25	13°59	20° 9	5°41	11°25	10°12	0°47	12° 6	W26
T 27	0 22 54	3°56'38	18°50	22°23	17°58	12°42	11°43	11°28	14° 1	20°10	5°41	11°21	10° 9	0°53	12° 5	T 27
F 28	0 26 50	4°55'09	1 <sup>h</sup> 5	22° 2	18°57	13°21	11°56	11°31	14° 2	20°12	5°40	11°18	10° 6	1° 0	12° 5	F 28
S 29	0 30 47	5°53'42	13°32	21°50	19°56	14° 0	12° 9	11°34	14° 3	20°14	5°40	11°15	10° 2	1° 7	12° 4	S 29
S 30	0 34 44	6 <sup>h</sup> 52'17	26 <sup>h</sup> 15	21°D48	20 <sup>h</sup> 56	14 <sup>h</sup> 39	12 <sup>h</sup> 22	11 <sup>h</sup> 37	14 <sup>h</sup> 4	20 <sup>h</sup> 16	5 <sup>h</sup> 40	11 <sup>h</sup> 13	9 <sup>h</sup> 59	1 <sup>h</sup> Y13	12 <sup>h</sup> 3	S 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	8n16	26n 7	5n15	4s47	3s19	16n21	4s38	2n22	0n52	1s29	1n 5	22n 1	0s59	23n 0	0n18	15s57	1n42
S 2	7 54	27 59	5 16	5 6	3 28	16 19	4 32	2 7	0 52	1 34	1 5	22 1	0 59	23 0	0 18	15 57	1 42
M 3	7 32	28 23	5 1	5 23	3 37	16 18	4 26	1 51	0 52	1 39	1 5	22 1	0 59	23 0	0 18	15 57	1 41
T 4	7 10	27 6	4 29	5 39	3 46	16 15	4 20	1 36	0 51	1 43	1 5	22 0	0 59	23 0	0 18	15 58	1 41
W 5	6 48	24 7	3 40	5 51	3 54	16 13	4 13	1 20	0 51	1 48	1 5	22 0	0 59	23 0	0 18	15 58	1 41
T 6	6 26	19 33	2 36	6 1	4 1	16 10	4 7	1 5	0 50	1 53	1 5	21 59	0 59	22 59	0 18	15 58	1 41
F 7	6 4	13 42	1 20	6 8	4 8	16 7	4 1	0 49	0 50	1 58	1 5	21 59	0 59	22 59	0 18	15 59	1 41
S 8	5 42	6 57	0s 3	6 12	4 14	16 3	3 54	0 34	0 49	2 3	1 5	21 59	0 59	22 59	0 18	15 59	1 41
S 9	5 19	0s15	1 26	6 13	4 19	15 59	3 48	0 18	0 49	2 8	1 5	21 58	0 59	22 59	0 18	15 59	1 41
M10	4 57	7 24	2 43	6 10	4 22	15 55	3 41	0 2	0 49	2 13	1 5	21 58	0 59	22 59	0 18	16 0	1 41
T 11	4 34	14 2	3 48	6 4	4 25	15 50	3 35	0s13	0 48	2 18	1 5	21 58	0 59	22 58	0 18	16 0	1 41
W12	4 12	19 45	4 36	5 54	4 26	15 45	3 29	0 29	0 48	2 23	1 5	21 57	0 59	22 58	0 18	16 0	1 41
T 13	3 49	24 12	5 6	5 40	4 26	15 39	3 22	0 44	0 47	2 28	1 5	21 57	0 59	22 58	0 18	16 1	1 41
F 14	3 26	27 6	5 17	5 22	4 24	15 33	3 16	1 0	0 47	2 33	1 5	21 57	0 59	22 58	0 18	16 1	1 41
S 15	3 3	28 22	5 10	5 1	4 20	15 27	3 9	1 16	0 46	2 38	1 5	21 56	0 59	22 58	0 18	16 2	1 41
S 16	2 40	28 0	4 48	4 36	4 14	15 20	3 3	1 31	0 46	2 43	1 5	21 56	1 0	22 58	0 18	16 2	1 41
M17	2 17	26 10	4 12	4 8	4 7	15 13	2 57	1 47	0 46	2 48	1 5	21 56	1 0	22 57	0 18	16 3	1 41
T 18	1 54	23 5	3 24	3 36	3 57	15 5	2 50	2 2	0 45	2 53	1 4	21 55	1 0	22 57	0 19	16 3	1 41
W19	1 31	19 3	2 29	3 3	3 46	14 57	2 44	2 18	0 45	2 58	1 4	21 55	1 0	22 57	0 19	16 3	1 41
T 20	1 8	14 18	1 27	2 27	3 33	14 48	2 37	2 34	0 44	3 3	1 4	21 55	1 0	22 57	0 19	16 4	1 41
F 21	0 45	9 4	0 22	1 49	3 18	14 39	2 31	2 49	0 44	3 8	1 4	21 54	1 0	22 57	0 19	16 4	1 41
S 22	0 22	3 33	0n43	1 11	3 2	14 30	2 25	3 5	0 43	3 13	1 4	21 54	1 0	22 57	0 19	16 5	1 41
S 23	0s 1	2n 4	1 46	0 34	2 44	14 20	2 19	3 30	0 43	3 18	1 4	21 54	1 0	22 57	0 19	16 5	1 40
M24	0 24	7 38	2 45	0n 3	2 26	14 9	2 12	3 26	0 42	3 23	1 4	21 53	1 0	22 57	0 19	16 6	1 40
T 25	0 47	12 56	3 36	0 39	2 6	13 58	2 6	3 51	0 42	3 28	1 4	21 53	1 0	22 56	0 19	16 6	1 40
W26	1 11	17 48	4 19	1 12	1 46	13 47	2 0	4 7	0 41	3 33	1 4	21 53	1 0	22 56	0 19	16 7	1 40
T 27	1 34	22 1	4 51	1 41	1 26	13 35	1 54	4 22	0 41	3 38	1 4	21 53	1 0	22 56	0 19	16 7	1 40
F 28	1 57	25 21	5 9	2 8	1 7	13 23	1 48	4 38	0 41	3 43	1 4	21 52	1 0	22 56	0 19	16 8	1 40
S 29	2 20	27 33	5 14	2 30	0 47	13 10	1 42	4 53	0 40	3 48	1 4	21 52	1 0	22 56	0 19	16 8	1 40
S 30	2s43	28n22	5n 4	2n48	0s28	12n57	1s36	5s 9	0n40	3s53	1n 4	21n52	1s 0	22n56	0n19	16s 9	1n40

Julian Day Number = 2678603.5, Delta T = 21m38s

Ecliptic obliquity = 23°21'40, Nutation = 0°00'06

Ayanamsha: Fagan/Bradley = 33°26'09, Lahiri = 32°33'09



# ASTRODIENST EPHEMERIS for the year 2621

NOVEMBER 2621

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 40 53	8♉24°29	0♈6	6♉34	25♈34	5♉41	19♉13	12°R 7	14°R11	21♉20	5°R15	9♈46	8♈18	4♈46	11°R 8	T 1
F 2	2 44 50	9°24'11	14°26	8°14	26°43	6°21	19°26	12°S 6	14°S11	21°22	5°II14	9°R47	8°14	4°53	11°II 5	F 2
S 3	2 48 46	10°23'54	29° 5	9°55	27°51	7° 1	19°38	12° 5	14°10	21°24	5°13	9°45	8°11	5° 0	11° 2	S 3
S 4	2 52 43	11°23'40	13♉57	11°35	29° 1	7°41	19°51	12° 4	14° 9	21°26	5°12	9°41	8° 8	5° 6	11° 0	S 4
M 5	2 56 40	12°23'28	28°57	13°14	0♉10	8°22	20° 3	12° 3	14° 8	21°29	5°11	9°35	8° 5	5°13	10°57	M 5
T 6	3 0 36	13°23'18	13♉56	14°52	1°19	9° 2	20°16	12° 1	14° 7	21°31	5°10	9°26	8° 2	5°20	10°54	T 6
W 7	3 4 33	14°23'10	28°44	16°30	2°29	9°42	20°28	12° 0	14° 7	21°33	5° 9	9°16	7°58	5°26	10°51	W 7
T 8	3 8 29	15°23'04	13♉12	18° 8	3°39	10°22	20°40	11°59	14° 6	21°35	5° 8	9° 5	7°55	5°33	10°49	T 8
F 9	3 12 26	16°22'59	27°16	19°45	4°49	11° 2	20°53	11°57	14° 5	21°38	5° 7	8°56	7°52	5°40	10°46	F 9
S 10	3 16 22	17°22'57	10♉51	21°22	5°59	11°43	21° 5	11°55	14° 4	21°40	5° 6	8°48	7°49	5°46	10°43	S 10
S 11	3 20 19	18°22'56	23°58	22°58	7° 9	12°23	21°17	11°53	14° 3	21°42	5° 5	8°43	7°46	5°53	10°40	S 11
M12	3 24 15	19°22'56	6♉39	24°33	8°19	13° 4	21°30	11°51	14° 1	21°44	5° 4	8°41	7°43	6° 0	10°37	M12
T 13	3 28 12	20°22'58	18°59	26° 9	9°30	13°44	21°42	11°49	14° 0	21°47	5° 3	8°D40	7°39	6° 6	10°34	T 13
W14	3 32 9	21°23'02	1♈ 3	27°43	10°40	14°24	21°54	11°47	13°59	21°49	5° 1	8°40	7°36	6°13	10°31	W14
T 15	3 36 5	22°23'07	12°57	29°18	11°51	15° 5	22° 6	11°45	13°58	21°51	5° 0	8°R40	7°33	6°20	10°28	T 15
F 16	3 40 2	23°23'13	24°45	0♉52	13° 2	15°46	22°18	11°43	13°56	21°53	4°59	8°39	7°30	6°26	10°25	F 16
S 17	3 43 58	24°23'21	6♈33	2°25	14°13	16°26	22°30	11°40	13°55	21°56	4°58	8°36	7°27	6°33	10°22	S 17
S 18	3 47 55	25°23'31	18°24	3°58	15°24	17° 7	22°42	11°38	13°54	21°58	4°57	8°30	7°24	6°40	10°19	S 18
M19	3 51 51	26°23'42	0♉23	5°31	16°35	17°47	22°53	11°35	13°52	22° 0	4°56	8°21	7°20	6°46	10°16	M19
T 20	3 55 48	27°23'55	12°32	7° 4	17°46	18°28	23° 5	11°32	13°51	22° 2	4°55	8° 9	7°17	6°53	10°13	T 20
W21	3 59 44	28°24'10	24°52	8°36	18°58	19° 9	23°17	11°29	13°49	22° 4	4°54	7°56	7°14	7° 0	10°10	W21
T 22	4 3 41	29°24'26	7♉23	10° 8	20° 9	19°50	23°29	11°26	13°47	22° 7	4°53	7°42	7°11	7° 6	10° 6	T 22
F 23	4 7 38	0♉24'44	20° 7	11°39	21°21	20°30	23°40	11°23	13°46	22° 9	4°52	7°29	7° 8	7°13	10° 3	F 23
S 24	4 11 34	1°25'04	3♈ 2	13°10	22°33	21°11	23°52	11°20	13°44	22°11	4°50	7°17	7° 4	7°20	10° 0	S 24
S 25	4 15 31	2°25'26	16° 7	14°41	23°44	21°52	24° 3	11°17	13°42	22°13	4°49	7° 8	7° 1	7°26	9°57	S 25
M26	4 19 27	3°25'49	29°24	16°12	24°56	22°33	24°15	11°14	13°41	22°16	4°48	7° 2	6°58	7°33	9°54	M26
T 27	4 23 24	4°26'15	12♉52	17°42	26° 8	23°14	24°26	11°10	13°39	22°18	4°47	6°58	6°55	7°40	9°50	T 27
W28	4 27 20	5°26'42	26°32	19°12	27°21	23°55	24°37	11° 7	13°37	22°20	4°46	6°57	6°52	7°46	9°47	W28
T 29	4 31 17	6°27'11	10♈24	20°42	28°33	24°36	24°48	11° 3	13°35	22°22	4°45	6°57	6°49	7°53	9°44	T 29
F 30	4 35 13	7♉27'41	24♈30	22♉11	29♉45	25♉17	24♉59	11°S 0	13°S33	22♉24	4°II44	6♈57	6♈45	8♈0	9°II41	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	14s16	12n12	0n52	12s52	0n50	2n40	0n59	13s 0	0n24	6s30	1n 5	21n49	1s 0	22n56	0n20	16s26
F 2	14 35	5 44	0s25	13 31	0 44	2 16	1 2	13 14	0 23	6 34	1 5	21 49	1 0	22 56	0 20	16 27
S 3	14 53	1s11	1 41	14 9	0 37	1 51	1 6	13 27	0 23	6 39	1 5	21 49	1 0	22 56	0 20	16 27
S 4	15 12	8 8	2 52	14 46	0 30	1 27	1 9	13 41	0 22	6 44	1 5	21 49	1 0	22 56	0 20	16 28
M 5	15 30	14 40	3 51	15 23	0 24	1 2	1 12	13 54	0 22	6 48	1 5	21 49	1 0	22 56	0 20	16 28
T 6	15 48	20 19	4 34	15 59	0 17	0 38	1 15	14 7	0 21	6 53	1 5	21 49	1 0	22 57	0 20	16 29
W 7	16 6	24 39	4 58	16 33	0 10	0 13	1 18	14 21	0 21	6 58	1 5	21 49	1 0	22 57	0 20	16 30
T 8	16 24	27 18	5 2	17 7	0 3	0s12	1 21	14 34	0 20	7 2	1 6	21 49	1 0	22 57	0 20	16 30
F 9	16 41	28 8	4 48	17 40	0s 3	0 37	1 24	14 47	0 20	7 7	1 6	21 49	1 0	22 57	0 20	16 31
S 10	16 58	27 12	4 17	18 12	0 10	1 3	1 26	15 0	0 19	7 11	1 6	21 50	1 0	22 57	0 20	16 31
S 11	17 15	24 46	3 34	18 44	0 17	1 28	1 29	15 13	0 19	7 16	1 6	21 50	1 0	22 57	0 20	16 32
M12	17 31	21 9	2 42	19 14	0 24	1 53	1 31	15 25	0 18	7 20	1 6	21 50	1 0	22 57	0 20	16 32
T 13	17 47	16 42	1 43	19 43	0 30	2 19	1 34	15 38	0 17	7 25	1 6	21 50	1 0	22 57	0 20	16 33
W14	18 3	11 42	0 40	20 11	0 37	2 44	1 36	15 50	0 17	7 29	1 6	21 50	1 0	22 58	0 20	16 34
T 15	18 18	6 20	0n23	20 38	0 43	3 10	1 38	16 3	0 16	7 33	1 6	21 50	1 0	22 58	0 20	16 34
F 16	18 34	0 47	1 24	21 5	0 50	3 35	1 40	16 15	0 16	7 38	1 6	21 51	1 0	22 58	0 20	16 35
S 17	18 48	4n46	2 22	21 30	0 56	4 1	1 42	16 27	0 15	7 42	1 6	21 51	1 0	22 58	0 20	16 35
S 18	19 3	10 11	3 14	21 54	1 2	4 27	1 44	16 39	0 15	7 46	1 6	21 51	1 0	22 58	0 20	16 36
M19	19 17	15 17	3 58	22 17	1 9	4 52	1 46	16 51	0 14	7 51	1 6	21 51	1 0	22 58	0 20	16 36
T 20	19 31	19 51	4 31	22 39	1 15	5 18	1 47	17 3	0 14	7 55	1 7	21 52	1 0	22 59	0 20	16 37
W21	19 44	23 39	4 52	22 59	1 20	5 43	1 49	17 15	0 13	7 59	1 7	21 52	1 0	22 59	0 20	16 38
T 22	19 57	26 24	5 0	23 19	1 26	6 9	1 50	17 26	0 13	8 3	1 7	21 52	1 0	22 59	0 20	16 38
F 23	20 10	27 52	4 53	23 37	1 32	6 34	1 51	17 38	0 12	8 7	1 7	21 52	1 0	22 59	0 20	16 39
S 24	20 23	27 50	4 31	23 54	1 37	7 0	1 53	17 49	0 11	8 12	1 7	21 53	1 0	22 59	0 20	16 39
S 25	20 35	26 16	3 54	24 10	1 42	7 25	1 54	18 0	0 11	8 16	1 7	21 53	1 0	23 0	0 20	16 40
M26	20 46	23 13	3 4	24 25	1 47	7 51	1 55	18 11	0 10	8 20	1 7	21 53	1 0	23 0	0 20	16 40
T 27	20 58	18 52	2 4	24 39	1 52	8 16	1 56	18 22	0 10	8 24	1 7	21 54	1 0	23 0	0 20	16 41
W28	21 8	13 30	0 55	24 51	1 56	8 41	1 57	18 33	0 9	8 28	1 7	21 54	1 0	23 0	0 20	16 41
T 29	21 19	7 22	0s18	25 2	2 0	9 6	1 57	18 43	0 9	8 32	1 8	21 54	1 0	23 0	0 20	16 42
F 30	21s29	0n47	1s31	25s12	2s 4	9s30	1n58	18s54	0n 8	8s36	1n 8	21n54	1s 0	23n 1	0n20	16s43

Julian Day Number = 2678664.5, Delta T = 21m39s  
 Ecliptic obliquity = 23°21'39", Nutation = 0°00'05  
 Ayanamsha: Fagan/Bradley = 33°26'17", Lahiri = 32°33'17

## ASTRODIENST EPHEMERIS for the year 2621

DECEMBER 2621

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 39 10	8♂28'14	8♂48	23♂40	0♂58	25♂58	25♂11	10°R56	13°R31	22♂27	4°R43	6°R55	6♂42	8°Y 6	9°R37	S 1
S 2	4 43 7	9°28'48	23°18	25° 8	2°10	26°40	25°22	10♂52	13♂29	22°29	4♂41	6♂50	6°39	8°13	9♂34	S 2
M 3	4 47 3	10°29'24	7♂53	26°36	3°23	27°21	25°32	10°48	13°27	22°31	4°40	6°42	6°36	8°20	9°31	M 3
T 4	4 51 0	11°30'02	22°29	28° 4	4°35	28° 2	25°43	10°44	13°25	22°33	4°39	6°32	6°33	8°26	9°28	T 4
W 5	4 54 56	12°30'41	6♂59	29°30	5°48	28°43	25°54	10°40	13°23	22°35	4°38	6°20	6°30	8°33	9°24	W 5
T 6	4 58 53	13°31'21	21°15	0♂57	7° 1	29°25	26° 5	10°36	13°21	22°37	4°37	6° 7	6°26	8°40	9°21	T 6
F 7	5 2 49	14°32'03	5♂11	2°22	8°14	0♂6	26°15	10°32	13°19	22°39	4°36	5°55	6°23	8°46	9°18	F 7
S 8	5 6 46	15°32'46	18°43	3°47	9°27	0°48	26°26	10°28	13°17	22°42	4°35	5°46	6°20	8°53	9°15	S 8
S 9	5 10 43	16°33'31	1♂50	5°11	10°40	1°29	26°36	10°24	13°15	22°44	4°34	5°39	6°17	9° 0	9°11	S 9
M10	5 14 39	17°34'16	14°33	6°33	11°53	2°10	26°46	10°19	13°12	22°46	4°33	5°35	6°14	9° 6	9° 8	M10
T 11	5 18 36	18°35'02	26°56	7°55	13° 6	2°52	26°57	10°15	13°10	22°48	4°31	5°33	6°11	9°13	9° 5	T 11
W12	5 22 32	19°35'49	9♂2	9°15	14°19	3°34	27° 7	10°11	13° 8	22°50	4°30	5°D33	6° 7	9°20	9° 2	W12
T 13	5 26 29	20°36'37	20°57	10°33	15°33	4°15	27°17	10° 6	13° 6	22°52	4°29	5°R33	6° 4	9°26	8°59	T 13
F 14	5 30 25	21°37'26	2°Y46	11°50	16°46	4°57	27°27	10° 2	13° 3	22°54	4°28	5°33	6° 1	9°33	8°55	F 14
S 15	5 34 22	22°38'15	14°35	13° 4	17°59	5°39	27°37	9°57	13° 1	22°56	4°27	5°30	5°58	9°40	8°52	S 15
S 16	5 38 18	23°39'06	26°29	14°16	19°13	6°20	27°46	9°52	12°58	22°58	4°26	5°25	5°55	9°46	8°49	S 16
M17	5 42 15	24°39'57	8♂32	15°25	20°26	7° 2	27°56	9°48	12°56	23° 0	4°25	5°18	5°51	9°53	8°46	M17
T 18	5 46 12	25°40'49	20°48	16°31	21°40	7°44	28° 5	9°43	12°54	23° 2	4°24	5° 8	5°48	10° 0	8°43	T 18
W19	5 50 8	26°41'42	3♂19	17°32	22°54	8°26	28°15	9°38	12°51	23° 4	4°23	4°56	5°45	10° 6	8°40	W19
T 20	5 54 5	27°42'36	16° 6	18°30	24° 7	9° 8	28°24	9°34	12°49	23° 6	4°22	4°44	5°42	10°13	8°37	T 20
F 21	5 58 1	28°43'31	29° 9	19°22	25°21	9°49	28°33	9°29	12°46	23° 8	4°21	4°32	5°39	10°20	8°34	F 21
S 22	6 1 58	29°44'27	12♂26	20° 8	26°35	10°31	28°43	9°24	12°44	23°10	4°20	4°21	5°36	10°26	8°31	S 22
S 23	6 5 54	0♂45'23	25°56	20°48	27°49	11°13	28°52	9°19	12°41	23°12	4°19	4°13	5°32	10°33	8°28	S 23
M24	6 9 51	1°46'21	9♂26	21°21	29° 2	11°56	29° 0	9°14	12°39	23°13	4°18	4° 8	5°29	10°40	8°25	M24
T 25	6 13 47	2°47'19	23°24	21°45	0♂16	12°38	29° 9	9° 9	12°36	23°15	4°17	4° 5	5°26	10°46	8°22	T 25
W26	6 17 44	3°48'19	7♂18	22° 0	1°30	13°20	29°18	9° 4	12°34	23°17	4°16	4°D 5	5°23	10°53	8°19	W26
T 27	6 21 41	4°49'19	21°17	22°R 5	2°44	14° 2	29°26	9° 0	12°31	23°19	4°15	4° 6	5°20	11° 0	8°16	T 27
F 28	6 25 37	5°50'20	5♂21	21°59	3°58	14°44	29°35	8°55	12°29	23°21	4°14	4°R 6	5°17	11° 6	8°14	F 28
S 29	6 29 34	6°51'22	19°29	21°42	5°12	15°26	29°43	8°50	12°26	23°22	4°13	4° 5	5°13	11°13	8°11	S 29
S 30	6 33 30	7°52'25	3♂39	21°13	6°26	16° 9	29°51	8°45	12°24	23°24	4°12	4° 3	5°10	11°20	8° 8	S 30
M31	6 37 27	8♂53'30	17♂50	20♂33	7♂41	16♂51	29♂59	8♂40	12♂21	23♂26	4♂11	3♂57	5♂7	11°Y26	8♂5	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	21s39	5s56	2s40	25s21	2s 8	9s55	1n58	19s 4	0n 7	8s40	1n 8	21n55	1s 0	23n 1	0n20	16s43
S 2	21 48	12 24	3 39	25 28	2 12	10 20	1 59	19 14	0 7	8 43	1 8	21 55	1 0	23 1	0 20	16 44
M 3	21 57	18 15	4 24	25 34	2 15	10 44	1 59	19 24	0 6	8 47	1 8	21 56	1 0	23 1	0 20	16 44
T 4	22 5	23 1	4 51	25 38	2 17	11 8	1 59	19 34	0 6	8 51	1 8	21 56	1 0	23 1	0 20	16 45
W 5	22 13	26 20	5 0	25 41	2 20	11 32	2 0	19 44	0 5	8 55	1 8	21 56	1 0	23 2	0 20	16 45
T 6	22 21	27 54	4 50	25 43	2 22	11 56	2 0	19 53	0 5	8 59	1 8	21 57	1 0	23 2	0 20	16 46
F 7	22 28	27 38	4 23	25 44	2 23	12 19	2 0	20 2	0 4	9 2	1 9	21 57	1 0	23 2	0 20	16 46
S 8	22 35	25 42	3 41	25 43	2 25	12 42	1 59	20 12	0 3	9 6	1 9	21 57	1 0	23 2	0 20	16 47
S 9	22 41	22 25	2 48	25 41	2 25	13 5	1 59	20 21	0 3	9 9	1 9	21 58	1 0	23 3	0 20	16 47
M10	22 47	18 9	1 49	25 37	2 26	13 28	1 59	20 30	0 2	9 13	1 9	21 58	1 0	23 3	0 21	16 48
T 11	22 52	13 13	0 46	25 32	2 25	13 50	1 58	20 38	0 2	9 17	1 9	21 58	1 0	23 3	0 21	16 48
W12	22 57	7 52	0n18	25 26	2 24	14 12	1 58	20 47	0 1	9 20	1 9	21 59	1 0	23 3	0 21	16 49
T 13	23 2	2 20	1 21	25 19	2 23	14 34	1 57	20 55	0 0	9 23	1 9	21 59	1 0	23 4	0 21	16 49
F 14	23 6	3n13	2 19	25 10	2 21	14 55	1 57	21 3	0s 0	9 27	1 10	22 0	0 59	23 4	0 21	16 50
S 15	23 9	8 40	3 11	25 0	2 18	15 17	1 56	21 11	0 1	9 30	1 10	22 0	0 59	23 4	0 21	16 50
S 16	23 13	13 51	3 56	24 49	2 14	15 37	1 55	21 19	0 1	9 34	1 10	22 0	0 59	23 4	0 21	16 51
M17	23 15	18 34	4 30	24 37	2 10	15 58	1 54	21 27	0 2	9 37	1 10	22 1	0 59	23 5	0 21	16 51
T 18	23 17	22 36	4 53	24 24	2 4	16 18	1 53	21 34	0 3	9 40	1 10	22 1	0 59	23 5	0 21	16 52
W19	23 19	25 41	5 2	24 10	1 58	16 37	1 52	21 42	0 3	9 43	1 10	22 2	0 59	23 5	0 21	16 52
T 20	23 20	27 33	4 56	23 55	1 51	16 57	1 51	21 49	0 4	9 46	1 10	22 2	0 59	23 5	0 21	16 52
F 21	23 21	27 57	4 35	23 39	1 42	17 15	1 50	21 55	0 4	9 50	1 11	22 3	0 59	23 6	0 21	16 53
S 22	23 22	26 45	3 59	23 23	1 33	17 34	1 49	22 2	0 5	9 53	1 11	22 3	0 59	23 6	0 21	16 53
S 23	23 22	23 59	3 8	23 7	1 22	17 52	1 47	22 9	0 6	9 56	1 11	22 3	0 59	23 6	0 21	16 54
M24	23 21	19 49	2 7	22 50	1 10	18 9	1 46	22 15	0 6	9 59	1 11	22 4	0 59	23 6	0 21	16 54
T 25	23 20	14 34	0 57	22 33	0 57	18 26	1 44	22 21	0 7	10 2	1 11	22 4	0 59	23 7	0 21	16 55
W26	23 18	8 32	0s17	22 16	0 43	18 43	1 43	22 27	0 8	10 4	1 11	22 5	0 59	23 7	0 21	16 55
T 27	23 16	2 3	1 31	22 0	0 27	18 59	1 41	22 33	0 8	10 7	1 12	22 5	0 58	23 7	0 21	16 55
F 28	23 14	4s33	2 39	21 44	0 10	19 15	1 39	22 38	0 9	10 10	1 12	22 5	0 58	23 7	0 21	16 56
S 29	23 11	10 58	3 38	21 29	0n 8	19 30	1 38	22 44	0 9	10 13	1 12	22 6	0 58	23 8	0 21	16 56
S 30	23 8	16 50	4 24	21 15	0 27	19 44	1 36	22 49	0 10	10 15	1 12	22 6	0 58	23 8	0 21	16 57
M31	23s 4	21s47	4s54	21s 2	0n46	19s58	1n34	22s53	0s11	10s18	1n12	22n 7	0s58	23n 8	0n21	16s57

Julian Day Number = 2678694.5, Delta T = 21m39s

Ecliptic obliquity = 23°21'39, Nutation = 0°00'06

Ayanamsha: Fagan/Bradley = 33°26'21, Lahiri = 32°33'21

## ASTRODIENST EPHEMERIS for the year 2622

JANUARY 2622

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 41 23	9♂54'35	1♂58	19°R41	8♂55	17♂33	0♂ 7	8°R35	12°R18	23♂28	4°R10	3°R50	5♂ 4	11°Y33	8°R 3	T 1
W 2	6 45 20	10°55'40	15°59	18♂39	10° 9	18°16	0°15	8♂30	12♂16	23°29	4°II10	3♂41	5° 1	11°40	8°II 0	W 2
T 3	6 49 16	11°56'47	29°49	17°29	11°23	18°58	0°23	8°25	12°13	23°31	4° 9	3°32	4°57	11°46	7°58	T 3
F 4	6 53 13	12°57'53	13♂25	16°12	12°38	19°41	0°30	8°20	12°11	23°33	4° 8	3°23	4°54	11°53	7°55	F 4
S 5	6 57 10	13°59'00	26°42	14°51	13°52	20°23	0°38	8°15	12° 8	23°34	4° 7	3°16	4°51	12° 0	7°53	S 5
S 6	7 1 6	15° 0'08	9♂40	13°29	15° 6	21° 6	0°45	8°10	12° 6	23°36	4° 6	3°11	4°48	12° 6	7°50	S 6
M 7	7 5 3	16° 1'15	22°19	12° 8	16°21	21°49	0°52	8° 5	12° 3	23°37	4° 5	3° 8	4°45	12°13	7°48	M 7
T 8	7 8 59	17° 2'23	4♂40	10°51	17°35	22°31	0°59	8° 0	12° 0	23°39	4° 5	3°D 7	4°42	12°20	7°45	T 8
W 9	7 12 56	18° 3'30	16°46	9°40	18°49	23°14	1° 6	7°56	11°58	23°40	4° 4	3° 8	4°38	12°27	7°43	W 9
T 10	7 16 52	19° 4'38	28°42	8°37	20° 4	23°57	1°12	7°51	11°55	23°42	4° 3	3°10	4°35	12°33	7°41	T 10
F 11	7 20 49	20° 5'45	10°Y32	7°43	21°18	24°40	1°19	7°46	11°53	23°43	4° 2	3°11	4°32	12°40	7°39	F 11
S 12	7 24 46	21° 6'52	22°22	7° 0	22°33	25°22	1°25	7°41	11°50	23°45	4° 2	3°R12	4°29	12°47	7°37	S 12
S 13	7 28 42	22° 8'00	4♂16	6°26	23°47	26° 5	1°31	7°36	11°48	23°46	4° 1	3°11	4°26	12°53	7°35	S 13
M14	7 32 39	23° 9'07	16°20	6° 3	25° 2	26°48	1°38	7°32	11°45	23°47	4° 0	3° 8	4°23	13° 0	7°33	M14
T 15	7 36 35	24°10'13	28°38	5°50	26°16	27°31	1°43	7°27	11°43	23°49	4° 0	3° 3	4°19	13° 7	7°31	T 15
W16	7 40 32	25°11'20	11°II14	5°D47	27°31	28°14	1°49	7°23	11°40	23°50	3°59	2°58	4°16	13°13	7°29	W16
T 17	7 44 28	26°12'26	24°10	5°52	28°46	28°57	1°55	7°18	11°38	23°51	3°58	2°51	4°13	13°20	7°27	T 17
F 18	7 48 25	27°13'32	7♂26	6° 5	0♂ 0	29°40	2° 0	7°14	11°35	23°53	3°58	2°45	4°10	13°27	7°25	F 18
S 19	7 52 21	28°14'38	21° 3	6°27	1°15	0♂23	2° 6	7° 9	11°33	23°54	3°57	2°39	4° 7	13°33	7°23	S 19
S 20	7 56 18	29°15'44	4♂56	6°54	2°29	1° 6	2°11	7° 5	11°30	23°55	3°56	2°35	4° 3	13°40	7°22	S 20
M21	8 0 15	0♂16'49	19° 3	7°29	3°44	1°49	2°16	7° 0	11°28	23°56	3°56	2°32	4° 0	13°47	7°20	M21
T 22	8 4 11	1°17'54	3♂19	8° 8	4°59	2°33	2°21	6°56	11°26	23°57	3°55	2°D32	3°57	13°53	7°18	T 22
W23	8 8 8	2°18'59	17°40	8°53	6°13	3°16	2°25	6°52	11°23	23°58	3°55	2°32	3°54	14° 0	7°17	W23
T 24	8 12 4	3°20'04	2♂ 0	9°42	7°28	3°59	2°30	6°48	11°21	23°59	3°54	2°34	3°51	14° 7	7°15	T 24
F 25	8 16 1	4°21'09	16°18	10°35	8°43	4°43	2°34	6°44	11°19	24° 0	3°54	2°35	3°48	14°13	7°14	F 25
S 26	8 19 57	5°22'14	0♂30	11°32	9°57	5°26	2°38	6°39	11°16	24° 1	3°53	2°R36	3°44	14°20	7°13	S 26
S 27	8 23 54	6°23'18	14°34	12°32	11°12	6° 9	2°42	6°36	11°14	24° 2	3°53	2°36	3°41	14°27	7°11	S 27
M28	8 27 50	7°24'23	28°30	13°35	12°27	6°53	2°46	6°32	11°12	24° 3	3°52	2°35	3°38	14°33	7°10	M28
T 29	8 31 47	8°25'28	12♂15	14°40	13°42	7°36	2°50	6°28	11°10	24° 4	3°52	2°32	3°35	14°40	7° 9	T 29
W30	8 35 44	9°26'32	25°49	15°48	14°57	8°20	2°53	6°24	11° 7	24° 5	3°52	2°29	3°32	14°47	7° 8	W30
T 31	8 39 40	10°27'36	9♂12	16♂58	16♂11	9♂ 3	2♂56	6♂20	11♂ 5	24♂ 6	3♂51	2♂25	3♂29	14°Y53	7♂II 7	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	23s 0	25s28	5s 5	20s50	1n 6	20s12	1n32	22s58	0s11	10s21	1n13	22n 7	0s58	23n 8	0n21	16s57
W 2	22 55	27 35	4 59	20 39	1 26	20 25	1 30	23 3	0 12	10 23	1 13	22 8	0 58	23 9	0 21	16 58
T 3	22 50	27 56	4 34	20 29	1 45	20 37	1 28	23 7	0 13	10 26	1 13	22 8	0 58	23 9	0 21	16 58
F 4	22 44	26 35	3 55	20 21	2 3	20 49	1 26	23 11	0 13	10 28	1 13	22 8	0 58	23 9	0 21	16 59
S 5	22 38	23 45	3 3	20 14	2 19	21 0	1 24	23 15	0 14	10 30	1 13	22 9	0 58	23 9	0 21	16 59
S 6	22 31	19 45	2 3	20 8	2 34	21 11	1 22	23 18	0 15	10 33	1 13	22 9	0 57	23 10	0 21	16 59
M 7	22 24	14 57	0 58	20 3	2 47	21 21	1 19	23 22	0 15	10 35	1 14	22 10	0 57	23 10	0 21	17 0
T 8	22 17	9 38	0n 8	19 59	2 56	21 30	1 17	23 25	0 16	10 37	1 14	22 10	0 57	23 10	0 21	17 0
W 9	22 9	4 5	1 13	19 57	3 4	21 39	1 15	23 28	0 16	10 39	1 14	22 10	0 57	23 10	0 21	17 0
T 10	22 0	1n32	2 14	19 56	3 9	21 47	1 13	23 30	0 17	10 42	1 14	22 11	0 57	23 10	0 21	17 1
F 11	21 52	7 3	3 9	19 57	3 12	21 55	1 10	23 33	0 18	10 44	1 14	22 11	0 57	23 11	0 21	17 1
S 12	21 43	12 19	3 55	19 59	3 12	22 2	1 8	23 35	0 18	10 46	1 15	22 12	0 57	23 11	0 21	17 1
S 13	21 33	17 10	4 32	20 2	3 10	22 8	1 5	23 37	0 19	10 48	1 15	22 12	0 57	23 11	0 21	17 1
M14	21 23	21 25	4 57	20 6	3 7	22 13	1 3	23 39	0 20	10 49	1 15	22 12	0 56	23 11	0 21	17 2
T 15	21 12	24 49	5 10	20 11	3 3	22 18	1 0	23 41	0 20	10 51	1 15	22 13	0 56	23 12	0 21	17 2
W16	21 2	27 7	5 7	20 17	2 57	22 23	0 58	23 42	0 21	10 53	1 16	22 13	0 56	23 12	0 21	17 2
T 17	20 50	28 3	4 49	20 24	2 50	22 26	0 55	23 43	0 22	10 55	1 16	22 14	0 56	23 12	0 21	17 3
F 18	20 39	27 25	4 16	20 31	2 42	22 29	0 52	23 44	0 22	10 57	1 16	22 14	0 56	23 12	0 21	17 3
S 19	20 27	25 8	3 27	20 38	2 34	22 31	0 50	23 45	0 23	10 58	1 16	22 14	0 56	23 13	0 21	17 3
S 20	20 14	21 19	2 25	20 46	2 25	22 33	0 47	23 45	0 24	11 0	1 16	22 15	0 56	23 13	0 21	17 3
M21	20 1	16 13	1 13	20 53	2 16	22 34	0 45	23 45	0 24	11 1	1 17	22 15	0 55	23 13	0 21	17 4
T 22	19 48	10 11	0s 4	21 0	2 7	22 34	0 42	23 45	0 25	11 3	1 17	22 16	0 55	23 13	0 21	17 4
W23	19 35	3 36	1 22	21 7	1 57	22 34	0 39	23 45	0 26	11 4	1 17	22 16	0 55	23 13	0 21	17 4
T 24	19 21	3s10	2 35	21 13	1 47	22 33	0 36	23 44	0 26	11 5	1 17	22 16	0 55	23 14	0 21	17 4
F 25	19 7	9 44	3 37	21 19	1 38	22 31	0 34	23 44	0 27	11 7	1 18	22 17	0 55	23 14	0 21	17 4
S 26	18 52	15 46	4 26	21 24	1 28	22 28	0 31	23 43	0 28	11 8	1 18	22 17	0 55	23 14	0 21	17 5
S 27	18 37	20 55	4 59	21 29	1 18	22 25	0 28	23 41	0 28	11 9	1 18	22 17	0 55	23 14	0 21	17 5
M28	18 22	24 51	5 13	21 32	1 8	22 21	0 25	23 40	0 29	11 10	1 18	22 18	0 54	23 14	0 21	17 5
T 29	18 6	27 18	5 10	21 35	0 59	22 17	0 23	23 38	0 30	11 11	1 18	22 18	0 54	23 14	0 21	17 5
W30	17 50	28 6	4 49	21 37	0 49	22 12	0 20	23 36	0 30	11 12	1 19	22 18	0 54	23 15	0 21	17 5
T 31	17s34	27s14	4s12	21s38	0n40	22s 6	0n17	23s34	0s31	11s13	1n19	22n19	0s54	23n15	0n21	17s 5

Julian Day Number = 2678725.5, Delta T = 21m39s

Ecliptic obliquity = 23°21'38", Nutation = 0°00'07"

Ayanamsha: Fagan/Bradley = 33°26'26", Lahiri = 32°33'26"

# ASTRODIENST EPHEMERIS for the year 2622

FEBRUARY 2622

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8 43 37	11 <sup>28</sup> 28'39	22 <sup>3</sup> 21	18 <sup>3</sup> 10	17 <sup>3</sup> 26	9 <sup>3</sup> 47	2 <sup>1</sup> 59	6 <sup>0</sup> R17	11 <sup>0</sup> R 3	24 <sup>1</sup> 11	3 <sup>0</sup> R51	2 <sup>0</sup> R22	3 <sup>0</sup> R25	15 <sup>0</sup> Y 0	7 <sup>0</sup> R 6	F 1
S 2	8 47 33	12 <sup>0</sup> 29'42	5 <sup>1</sup> 16	19 <sup>0</sup> 24	18 <sup>0</sup> 41	10 <sup>0</sup> 31	3 <sup>0</sup> 2	6 <sup>0</sup> 13	11 <sup>0</sup> 1	24 <sup>0</sup> 8	3 <sup>0</sup> II51	2 <sup>0</sup> II19	3 <sup>0</sup> 22	15 <sup>0</sup> 7	7 <sup>0</sup> II 5	S 2
S 3	8 51 30	13 <sup>0</sup> 30'44	17 <sup>0</sup> 56	20 <sup>0</sup> 39	19 <sup>0</sup> 56	11 <sup>0</sup> 14	3 <sup>0</sup> 5	6 <sup>0</sup> 10	10 <sup>0</sup> 59	24 <sup>0</sup> 8	3 <sup>0</sup> 50	2 <sup>0</sup> 18	3 <sup>0</sup> 19	15 <sup>0</sup> 13	7 <sup>0</sup> 4	S 3
M 4	8 55 26	14 <sup>0</sup> 31'45	0 <sup>0</sup> 23	21 <sup>0</sup> 56	21 <sup>0</sup> 11	11 <sup>0</sup> 58	3 <sup>0</sup> 8	6 <sup>0</sup> 7	10 <sup>0</sup> 57	24 <sup>0</sup> 9	3 <sup>0</sup> 50	2 <sup>0</sup> D17	3 <sup>0</sup> 16	15 <sup>0</sup> 20	7 <sup>0</sup> 4	M 4
T 5	8 59 23	15 <sup>0</sup> 32'45	12 <sup>0</sup> 37	23 <sup>0</sup> 14	22 <sup>0</sup> 25	12 <sup>0</sup> 42	3 <sup>0</sup> 10	6 <sup>0</sup> 3	10 <sup>0</sup> 55	24 <sup>0</sup> 10	3 <sup>0</sup> 50	2 <sup>0</sup> 17	3 <sup>0</sup> 13	15 <sup>0</sup> 27	7 <sup>0</sup> 3	T 5
W 6	9 3 19	16 <sup>0</sup> 33'45	24 <sup>0</sup> 40	24 <sup>0</sup> 34	23 <sup>0</sup> 40	13 <sup>0</sup> 26	3 <sup>0</sup> 12	6 <sup>0</sup> 0	10 <sup>0</sup> 53	24 <sup>0</sup> 10	3 <sup>0</sup> 49	2 <sup>0</sup> 18	3 <sup>0</sup> 9	15 <sup>0</sup> 34	7 <sup>0</sup> 2	W 6
T 7	9 7 16	17 <sup>0</sup> 34'43	6 <sup>0</sup> Y35	25 <sup>0</sup> 54	24 <sup>0</sup> 55	14 <sup>0</sup> 9	3 <sup>0</sup> 14	5 <sup>0</sup> 57	10 <sup>0</sup> 51	24 <sup>0</sup> 11	3 <sup>0</sup> 49	2 <sup>0</sup> 20	3 <sup>0</sup> 6	15 <sup>0</sup> 40	7 <sup>0</sup> 2	T 7
F 8	9 11 13	18 <sup>0</sup> 35'40	18 <sup>0</sup> 25	27 <sup>0</sup> 16	26 <sup>0</sup> 10	14 <sup>0</sup> 53	3 <sup>0</sup> 16	5 <sup>0</sup> 54	10 <sup>0</sup> 49	24 <sup>0</sup> 12	3 <sup>0</sup> 49	2 <sup>0</sup> 21	3 <sup>0</sup> 3	15 <sup>0</sup> 47	7 <sup>0</sup> 1	F 8
S 9	9 15 9	19 <sup>0</sup> 36'37	0 <sup>0</sup> 14	28 <sup>0</sup> 39	27 <sup>0</sup> 25	15 <sup>0</sup> 37	3 <sup>0</sup> 18	5 <sup>0</sup> 51	10 <sup>0</sup> 47	24 <sup>0</sup> 12	3 <sup>0</sup> 49	2 <sup>0</sup> 22	3 <sup>0</sup> 0	15 <sup>0</sup> 54	7 <sup>0</sup> 1	S 9
S 10	9 19 6	20 <sup>0</sup> 37'32	12 <sup>0</sup> 8	0 <sup>0</sup> 3	28 <sup>0</sup> 40	16 <sup>0</sup> 21	3 <sup>0</sup> 19	5 <sup>0</sup> 48	10 <sup>0</sup> 45	24 <sup>0</sup> 13	3 <sup>0</sup> 49	2 <sup>0</sup> 23	2 <sup>0</sup> 57	16 <sup>0</sup> 0	7 <sup>0</sup> 1	S 10
M11	9 23 2	21 <sup>0</sup> 38'26	24 <sup>0</sup> 10	1 <sup>0</sup> 28	29 <sup>0</sup> 54	17 <sup>0</sup> 5	3 <sup>0</sup> 20	5 <sup>0</sup> 46	10 <sup>0</sup> 44	24 <sup>0</sup> 13	3 <sup>0</sup> 49	2 <sup>0</sup> R23	2 <sup>0</sup> 54	16 <sup>0</sup> 7	7 <sup>0</sup> 0	M11
T 12	9 26 59	22 <sup>0</sup> 39'19	6 <sup>0</sup> II26	2 <sup>0</sup> 54	1 <sup>0</sup> 9	17 <sup>0</sup> 49	3 <sup>0</sup> 21	5 <sup>0</sup> 43	10 <sup>0</sup> 42	24 <sup>0</sup> 14	3 <sup>0</sup> 48	2 <sup>0</sup> 23	2 <sup>0</sup> 50	16 <sup>0</sup> 14	7 <sup>0</sup> 0	T 12
W13	9 30 55	23 <sup>0</sup> 40'10	18 <sup>0</sup> 59	4 <sup>0</sup> 21	2 <sup>0</sup> 24	18 <sup>0</sup> 33	3 <sup>0</sup> 22	5 <sup>0</sup> 41	10 <sup>0</sup> 40	24 <sup>0</sup> 14	3 <sup>0</sup> 48	2 <sup>0</sup> 22	2 <sup>0</sup> 47	16 <sup>0</sup> 20	7 <sup>0</sup> 0	W13
T 14	9 34 52	24 <sup>0</sup> 41'00	1 <sup>0</sup> 54	5 <sup>0</sup> 48	3 <sup>0</sup> 39	19 <sup>0</sup> 17	3 <sup>0</sup> 23	5 <sup>0</sup> 38	10 <sup>0</sup> 38	24 <sup>0</sup> 14	3 <sup>0</sup> 48	2 <sup>0</sup> 21	2 <sup>0</sup> 44	16 <sup>0</sup> 27	7 <sup>0</sup> D 0	T 14
F 15	9 38 48	25 <sup>0</sup> 41'49	15 <sup>0</sup> 13	7 <sup>0</sup> 17	4 <sup>0</sup> 54	20 <sup>0</sup> 1	3 <sup>0</sup> 24	5 <sup>0</sup> 36	10 <sup>0</sup> 37	24 <sup>0</sup> 15	3 <sup>0</sup> 48	2 <sup>0</sup> 20	2 <sup>0</sup> 41	16 <sup>0</sup> 34	7 <sup>0</sup> 0	F 15
S 16	9 42 45	26 <sup>0</sup> 42'37	28 <sup>0</sup> 57	8 <sup>0</sup> 46	6 <sup>0</sup> 9	20 <sup>0</sup> 45	3 <sup>0</sup> 24	5 <sup>0</sup> 34	10 <sup>0</sup> 35	24 <sup>0</sup> 15	3 <sup>0</sup> 48	2 <sup>0</sup> 19	2 <sup>0</sup> 38	16 <sup>0</sup> 40	7 <sup>0</sup> 0	S 16
S 17	9 46 42	27 <sup>0</sup> 43'23	13 <sup>0</sup> 11	10 <sup>0</sup> 17	7 <sup>0</sup> 23	21 <sup>0</sup> 29	3 <sup>0</sup> R24	5 <sup>0</sup> 32	10 <sup>0</sup> 34	24 <sup>0</sup> 15	3 <sup>0</sup> D48	2 <sup>0</sup> 19	2 <sup>0</sup> 35	16 <sup>0</sup> 47	7 <sup>0</sup> 0	S 17
M18	9 50 38	28 <sup>0</sup> 44'08	27 <sup>0</sup> 32	11 <sup>0</sup> 48	8 <sup>0</sup> 38	22 <sup>0</sup> 14	3 <sup>0</sup> 24	5 <sup>0</sup> 30	10 <sup>0</sup> 32	24 <sup>0</sup> 16	3 <sup>0</sup> 48	2 <sup>0</sup> D19	2 <sup>0</sup> 31	16 <sup>0</sup> 54	7 <sup>0</sup> 0	M18
T 19	9 54 35	29 <sup>0</sup> 44'52	12 <sup>0</sup> 11	13 <sup>0</sup> 19	9 <sup>0</sup> 53	22 <sup>0</sup> 58	3 <sup>0</sup> 24	5 <sup>0</sup> 28	10 <sup>0</sup> 31	24 <sup>0</sup> 16	3 <sup>0</sup> 48	2 <sup>0</sup> 19	2 <sup>0</sup> 28	17 <sup>0</sup> 0	7 <sup>0</sup> 1	T 19
W20	9 58 31	0 <sup>0</sup> 45'34	27 <sup>0</sup> 2	14 <sup>0</sup> 52	11 <sup>0</sup> 8	23 <sup>0</sup> 42	3 <sup>0</sup> 23	5 <sup>0</sup> 26	10 <sup>0</sup> 29	24 <sup>0</sup> 16	3 <sup>0</sup> 48	2 <sup>0</sup> 19	2 <sup>0</sup> 25	17 <sup>0</sup> 7	7 <sup>0</sup> 1	W20
T 21	10 2 28	1 <sup>0</sup> 46'16	11 <sup>0</sup> 11	16 <sup>0</sup> 26	12 <sup>0</sup> 23	24 <sup>0</sup> 26	3 <sup>0</sup> 23	5 <sup>0</sup> 24	10 <sup>0</sup> 28	24 <sup>0</sup> 16	3 <sup>0</sup> 48	2 <sup>0</sup> 19	2 <sup>0</sup> 22	17 <sup>0</sup> 14	7 <sup>0</sup> 1	T 21
F 22	10 6 24	2 <sup>0</sup> 46'56	26 <sup>0</sup> 33	18 <sup>0</sup> 0	13 <sup>0</sup> 38	25 <sup>0</sup> 11	3 <sup>0</sup> 22	5 <sup>0</sup> 23	10 <sup>0</sup> 27	24 <sup>0</sup> 16	3 <sup>0</sup> 48	2 <sup>0</sup> R19	2 <sup>0</sup> 19	17 <sup>0</sup> 20	7 <sup>0</sup> 2	F 22
S 23	10 10 21	3 <sup>0</sup> 47'35	11 <sup>0</sup> 11	19 <sup>0</sup> 35	14 <sup>0</sup> 53	25 <sup>0</sup> 55	3 <sup>0</sup> 21	5 <sup>0</sup> 21	10 <sup>0</sup> 26	24 <sup>0</sup> 16	3 <sup>0</sup> 49	2 <sup>0</sup> 19	2 <sup>0</sup> 15	17 <sup>0</sup> 27	7 <sup>0</sup> 2	S 23
S 24	10 14 17	4 <sup>0</sup> 48'13	25 <sup>0</sup> 16	21 <sup>0</sup> 11	16 <sup>0</sup> 7	26 <sup>0</sup> 40	3 <sup>0</sup> 20	5 <sup>0</sup> 20	10 <sup>0</sup> 24	24 <sup>0</sup> 16	3 <sup>0</sup> 49	2 <sup>0</sup> 19	2 <sup>0</sup> 12	17 <sup>0</sup> 34	7 <sup>0</sup> 3	S 24
M25	10 18 14	5 <sup>0</sup> 48'51	9 <sup>0</sup> 11	22 <sup>0</sup> 48	17 <sup>0</sup> 22	27 <sup>0</sup> 24	3 <sup>0</sup> 18	5 <sup>0</sup> 19	10 <sup>0</sup> 23	24 <sup>0</sup> R16	3 <sup>0</sup> 49	2 <sup>0</sup> D19	2 <sup>0</sup> 9	17 <sup>0</sup> 40	7 <sup>0</sup> 4	M25
T 26	10 22 11	6 <sup>0</sup> 49'27	22 <sup>0</sup> 46	24 <sup>0</sup> 26	18 <sup>0</sup> 37	28 <sup>0</sup> 8	3 <sup>0</sup> 17	5 <sup>0</sup> 18	10 <sup>0</sup> 22	24 <sup>0</sup> 16	3 <sup>0</sup> 49	2 <sup>0</sup> 19	2 <sup>0</sup> 6	17 <sup>0</sup> 47	7 <sup>0</sup> 4	T 26
W27	10 26 7	7 <sup>0</sup> 50'02	6 <sup>0</sup> 4	26 <sup>0</sup> 4	19 <sup>0</sup> 52	28 <sup>0</sup> 53	3 <sup>0</sup> 15	5 <sup>0</sup> 17	10 <sup>0</sup> 21	24 <sup>0</sup> 16	3 <sup>0</sup> 49	2 <sup>0</sup> 19	2 <sup>0</sup> 3	17 <sup>0</sup> 54	7 <sup>0</sup> 5	W27
T 28	10 30 4	8 <sup>0</sup> 50'36	19 <sup>0</sup> 6	27 <sup>0</sup> 44	21 <sup>0</sup> 7	29 <sup>0</sup> 37	3 <sup>0</sup> 13	5 <sup>0</sup> 16	10 <sup>0</sup> 20	24 <sup>0</sup> 16	3 <sup>0</sup> II50	2 <sup>0</sup> II20	2 <sup>0</sup> II 0	18 <sup>0</sup> Y 1	7 <sup>0</sup> II 6	T 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	17s17	24s51	3s23	21s38	0n30	21s59	0n14	23s32	0s32	11s14	1n19	22n19	0s54	23n15	0n21	F 1
S 2	17 0	21 13	2 24	21 37	0 21	21 52	0 12	23 29	0 32	11 14	1 19	22 19	0 54	23 15	0 21	S 2
S 3	16 43	16 39	1 18	21 34	0 13	21 44	0 9	23 26	0 33	11 15	1 20	22 20	0 53	23 15	0 21	S 3
M 4	16 25	11 28	0 11	21 31	0 4	21 36	0 6	23 23	0 34	11 16	1 20	22 20	0 53	23 16	0 21	M 4
T 5	16 7	5 56	0n57	21 27	0s 5	21 27	0 4	23 20	0 34	11 16	1 20	22 20	0 53	23 16	0 21	T 5
W 6	15 49	0 16	2 1	21 21	0 13	21 17	0 1	23 16	0 35	11 17	1 20	22 21	0 53	23 16	0 21	W 6
T 7	15 31	5n20	2 59	21 14	0 21	21 6	0s 2	23 12	0 36	11 17	1 21	22 21	0 53	23 16	0 21	T 7
F 8	15 12	10 43	3 49	21 6	0 29	20 55	0 5	23 8	0 36	11 18	1 21	22 21	0 53	23 16	0 21	F 8
S 9	14 53	15 43	4 29	20 57	0 36	20 44	0 7	23 4	0 37	11 18	1 21	22 22	0 52	23 16	0 21	S 9
S 10	14 34	20 9	4 58	20 47	0 43	20 31	0 10	22 59	0 38	11 18	1 21	22 22	0 52	23 16	0 21	S 10
M11	14 15	23 49	5 14	20 35	0 50	20 18	0 12	22 55	0 38	11 19	1 21	22 22	0 52	23 17	0 21	M11
T 12	13 55	26 30	5 16	20 22	0 57	20 5	0 15	22 50	0 39	11 19	1 22	22 22	0 52	23 17	0 21	T 12
W13	13 35	27 57	5 4	20 8	1 4	19 51	0 18	22 44	0 40	11 19	1 22	22 23	0 52	23 17	0 21	W13
T 14	13 15	27 57	4 36	19 53	1 10	19 36	0 20	22 39	0 41	11 19	1 22	22 23	0 52	23 17	0 21	T 14
F 15	12 55	26 21	3 53	19 37	1 16	19 21	0 23	22 33	0 41	11 19	1 22	22 23	0 51	23 17	0 21	F 15
S 16	12 34	23 9	2 55	19 19	1 22	19 5	0 25	22 27	0 42	11 19	1 23	22 23	0 51	23 17	0 21	S 16
S 17	12 13	18 31	1 45	19 0	1 27	18 49	0 28	22 21	0 43	11 18	1 23	22 24	0 51	23 17	0 21	S 17
M18	11 53	12 42	0 27	18 40	1 32	18 32	0 30	22 15	0 43	11 18	1 23	22 24	0 51	23 17	0 21	M18
T 19	11 31	6 7	0s55	18 19	1 37	18 14	0 32	22 8	0 44	11 18	1 23	22 24	0 51	23 18	0 21	T 19
W20	11 10	0s52	2 13	17 56	1 41	17 56	0 35	22 1	0 45	11 18	1 24	22 25	0 51	23 18	0 21	W20
T 21	10 49	7 47	3 22	17 32	1 46	17 38	0 37	21 54	0 45	11 17	1 24	22 25	0 50	23 18	0 21	T 21
F 22	10 27	14 13	4 18	17 7	1 50	17 19	0 39	21 47	0 46	11 17	1 24	22 25	0 50	23 18	0 21	F 22
S 23	10 5	19 47	4 56	16 41	1 53	16 59	0 42	21 39	0 47	11 16	1 24	22 25	0 50	23 18	0 21	S 23
S 24	9 43	24 7	5 15	16 14	1 56	16 39	0 44	21 32	0 47	11 16	1 24	22 25	0 50	23 18	0 21	S 24
M25	9 21	26 57	5 15	15 45	1 59	16 19	0 46	21 24	0 48	11 15	1 25	22 26	0 50	23 18	0 21	M25
T 26	8 59	28 7	4 58	15 15	2 2	15 58	0 48	21 16	0 49	11 14	1 25	22 26	0 49	23 18	0 21	T 26
W27	8 36	27 37	4 24	14 44	2 4	15 36	0 50	21 7	0 49	11 13	1 25	22 26	0 49	23 18	0 21	W27
T 28	8s14	25s36	3s38	14s11	2s 5	15s14	0s52	20s59	0s50	11s12	1n25	22n26	0s49	23n18	0n21	T 28

Julian Day Number = 2678756.5, Delta T = 21m40s  
 Ecliptic obliquity = 23°21'39", Nutation = 0°00'09"  
 Ayanamsha: Fagan/Bradley = 33°26'30", Lahiri = 32°33'30"

# ASTRODIENST EPHEMERIS for the year 2622

MARCH 2622

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	10 34 0	9 <sup>h</sup> 51'09	1 <sup>h</sup> 52'52	29 <sup>h</sup> 24'22	22 <sup>h</sup> 22'22	0 <sup>h</sup> 22'22	3 <sup>h</sup> 11'11	5 <sup>h</sup> 15'15	10 <sup>h</sup> 19'19	24 <sup>h</sup> 16'16	3 <sup>h</sup> 50'50	2 <sup>h</sup> 21'21	1 <sup>h</sup> 56'56	18 <sup>h</sup> 7'7	7 <sup>h</sup> 11'11	F 1
S 2	10 37 57	10 <sup>h</sup> 51'40	14 <sup>h</sup> 25'25	1 <sup>h</sup> 5'5	23 <sup>h</sup> 37'37	1 <sup>h</sup> 7'7	3 <sup>h</sup> 11'8	5 <sup>h</sup> 14'14	10 <sup>h</sup> 18'18	24 <sup>h</sup> 16'16	3 <sup>h</sup> 50'50	2 <sup>h</sup> 21'21	1 <sup>h</sup> 53'53	18 <sup>h</sup> 14'14	7 <sup>h</sup> 8'8	S 2
S 3	10 41 53	11 <sup>h</sup> 52'10	26 <sup>h</sup> 47'47	2 <sup>h</sup> 48'48	24 <sup>h</sup> 52'52	1 <sup>h</sup> 51'51	3 <sup>h</sup> 6'6	5 <sup>h</sup> 14'14	10 <sup>h</sup> 17'17	24 <sup>h</sup> 16'16	3 <sup>h</sup> 50'50	2 <sup>h</sup> 22'22	1 <sup>h</sup> 50'50	18 <sup>h</sup> 21'21	7 <sup>h</sup> 9'9	S 3
M 4	10 45 50	12 <sup>h</sup> 52'38	8 <sup>h</sup> 59'59	4 <sup>h</sup> 31'31	26 <sup>h</sup> 6'6	2 <sup>h</sup> 36'36	3 <sup>h</sup> 3'3	5 <sup>h</sup> 13'13	10 <sup>h</sup> 16'16	24 <sup>h</sup> 15'15	3 <sup>h</sup> 51'51	2 <sup>h</sup> 22'22	1 <sup>h</sup> 47'47	18 <sup>h</sup> 27'27	7 <sup>h</sup> 10'10	M 4
T 5	10 49 46	13 <sup>h</sup> 53'05	21 <sup>h</sup> 2'2	6 <sup>h</sup> 15'15	27 <sup>h</sup> 21'21	3 <sup>h</sup> 21'21	3 <sup>h</sup> 0'0	5 <sup>h</sup> 13'13	10 <sup>h</sup> 16'16	24 <sup>h</sup> 15'15	3 <sup>h</sup> 51'51	2 <sup>h</sup> 21'21	1 <sup>h</sup> 44'44	18 <sup>h</sup> 34'34	7 <sup>h</sup> 11'11	T 5
W 6	10 53 43	14 <sup>h</sup> 53'30	2 <sup>h</sup> 59'59	8 <sup>h</sup> 0'0	28 <sup>h</sup> 36'36	4 <sup>h</sup> 5'5	2 <sup>h</sup> 57'57	5 <sup>h</sup> 13'13	10 <sup>h</sup> 15'15	24 <sup>h</sup> 15'15	3 <sup>h</sup> 51'51	2 <sup>h</sup> 20'20	1 <sup>h</sup> 40'40	18 <sup>h</sup> 41'41	7 <sup>h</sup> 13'13	W 6
T 7	10 57 40	15 <sup>h</sup> 53'53	14 <sup>h</sup> 52'52	9 <sup>h</sup> 46'46	29 <sup>h</sup> 51'51	4 <sup>h</sup> 50'50	2 <sup>h</sup> 54'54	5 <sup>h</sup> 13'13	10 <sup>h</sup> 14'14	24 <sup>h</sup> 14'14	3 <sup>h</sup> 52'52	2 <sup>h</sup> 18'18	1 <sup>h</sup> 37'37	18 <sup>h</sup> 47'47	7 <sup>h</sup> 14'14	T 7
F 8	11 1 36	16 <sup>h</sup> 54'14	26 <sup>h</sup> 41'41	11 <sup>h</sup> 33'33	1 <sup>h</sup> 56'56	5 <sup>h</sup> 35'35	2 <sup>h</sup> 51'51	5 <sup>h</sup> 13'13	10 <sup>h</sup> 14'14	24 <sup>h</sup> 14'14	3 <sup>h</sup> 52'52	2 <sup>h</sup> 16'16	1 <sup>h</sup> 34'34	18 <sup>h</sup> 54'54	7 <sup>h</sup> 15'15	F 8
S 9	11 5 33	17 <sup>h</sup> 54'34	8 <sup>h</sup> 32'32	13 <sup>h</sup> 21'21	2 <sup>h</sup> 21'21	6 <sup>h</sup> 20'20	2 <sup>h</sup> 47'47	5 <sup>h</sup> 13'13	10 <sup>h</sup> 13'13	24 <sup>h</sup> 14'14	3 <sup>h</sup> 53'53	2 <sup>h</sup> 13'13	1 <sup>h</sup> 31'31	19 <sup>h</sup> 1'1	7 <sup>h</sup> 17'17	S 9
S 10	11 9 29	18 <sup>h</sup> 54'52	20 <sup>h</sup> 25'25	15 <sup>h</sup> 10'10	3 <sup>h</sup> 35'35	7 <sup>h</sup> 5'5	2 <sup>h</sup> 43'43	5 <sup>h</sup> 13'13	10 <sup>h</sup> 13'13	24 <sup>h</sup> 13'13	3 <sup>h</sup> 53'53	2 <sup>h</sup> 11'11	1 <sup>h</sup> 28'28	19 <sup>h</sup> 7'7	7 <sup>h</sup> 18'18	S 10
M 11	11 13 26	19 <sup>h</sup> 55'08	2 <sup>h</sup> 26'26	17 <sup>h</sup> 0'0	4 <sup>h</sup> 50'50	7 <sup>h</sup> 49'49	2 <sup>h</sup> 39'39	5 <sup>h</sup> 13'13	10 <sup>h</sup> 12'12	24 <sup>h</sup> 13'13	3 <sup>h</sup> 53'53	2 <sup>h</sup> 9'9	1 <sup>h</sup> 25'25	19 <sup>h</sup> 14'14	7 <sup>h</sup> 20'20	M 11
T 12	11 17 22	20 <sup>h</sup> 55'22	14 <sup>h</sup> 39'39	18 <sup>h</sup> 51'51	6 <sup>h</sup> 5'5	8 <sup>h</sup> 34'34	2 <sup>h</sup> 35'35	5 <sup>h</sup> 14'14	10 <sup>h</sup> 12'12	24 <sup>h</sup> 12'12	3 <sup>h</sup> 54'54	2 <sup>h</sup> 8'8	1 <sup>h</sup> 21'21	19 <sup>h</sup> 21'21	7 <sup>h</sup> 22'22	T 12
W 13	11 21 19	21 <sup>h</sup> 55'35	27 <sup>h</sup> 7'7	20 <sup>h</sup> 43'43	7 <sup>h</sup> 20'20	9 <sup>h</sup> 19'19	2 <sup>h</sup> 31'31	5 <sup>h</sup> 14'14	10 <sup>h</sup> 11'11	24 <sup>h</sup> 12'12	3 <sup>h</sup> 54'54	2 <sup>h</sup> 8'8	1 <sup>h</sup> 18'18	19 <sup>h</sup> 27'27	7 <sup>h</sup> 23'23	W 13
T 14	11 25 15	22 <sup>h</sup> 55'45	9 <sup>h</sup> 56'56	22 <sup>h</sup> 36'36	8 <sup>h</sup> 35'35	10 <sup>h</sup> 4'4	2 <sup>h</sup> 27'27	5 <sup>h</sup> 15'15	10 <sup>h</sup> 11'11	24 <sup>h</sup> 11'11	3 <sup>h</sup> 55'55	2 <sup>h</sup> 9'9	1 <sup>h</sup> 15'15	19 <sup>h</sup> 34'34	7 <sup>h</sup> 25'25	T 14
F 15	11 29 12	23 <sup>h</sup> 55'53	23 <sup>h</sup> 8'8	24 <sup>h</sup> 30'30	9 <sup>h</sup> 49'49	10 <sup>h</sup> 49'49	2 <sup>h</sup> 22'22	5 <sup>h</sup> 16'16	10 <sup>h</sup> 11'11	24 <sup>h</sup> 11'11	3 <sup>h</sup> 56'56	2 <sup>h</sup> 10'10	1 <sup>h</sup> 12'12	19 <sup>h</sup> 41'41	7 <sup>h</sup> 27'27	F 15
S 16	11 33 9	24 <sup>h</sup> 55'59	6 <sup>h</sup> 47'47	26 <sup>h</sup> 24'24	11 <sup>h</sup> 4'4	11 <sup>h</sup> 34'34	2 <sup>h</sup> 17'17	5 <sup>h</sup> 17'17	10 <sup>h</sup> 11'11	24 <sup>h</sup> 10'10	3 <sup>h</sup> 56'56	2 <sup>h</sup> 12'12	1 <sup>h</sup> 9'9	19 <sup>h</sup> 48'48	7 <sup>h</sup> 29'29	S 16
S 17	11 37 5	25 <sup>h</sup> 56'03	20 <sup>h</sup> 54'54	28 <sup>h</sup> 20'20	12 <sup>h</sup> 19'19	12 <sup>h</sup> 19'19	2 <sup>h</sup> 13'13	5 <sup>h</sup> 18'18	10 <sup>h</sup> 11'11	24 <sup>h</sup> 9'9	3 <sup>h</sup> 57'57	2 <sup>h</sup> 13'13	1 <sup>h</sup> 6'6	19 <sup>h</sup> 54'54	7 <sup>h</sup> 31'31	S 17
M 18	11 41 2	26 <sup>h</sup> 56'05	5 <sup>h</sup> 26'26	0 <sup>h</sup> 16'16	13 <sup>h</sup> 34'34	13 <sup>h</sup> 4'4	2 <sup>h</sup> 7'7	5 <sup>h</sup> 19'19	10 <sup>h</sup> 10'10	24 <sup>h</sup> 9'9	3 <sup>h</sup> 57'57	2 <sup>h</sup> 13'13	1 <sup>h</sup> 2'2	20 <sup>h</sup> 1'1	7 <sup>h</sup> 33'33	M 18
T 19	11 44 58	27 <sup>h</sup> 56'04	20 <sup>h</sup> 19'19	2 <sup>h</sup> 13'13	14 <sup>h</sup> 48'48	13 <sup>h</sup> 49'49	2 <sup>h</sup> 2'2	5 <sup>h</sup> 20'20	10 <sup>h</sup> 10'10	24 <sup>h</sup> 8'8	3 <sup>h</sup> 58'58	2 <sup>h</sup> 12'12	0 <sup>h</sup> 59'59	20 <sup>h</sup> 8'8	7 <sup>h</sup> 35'35	T 19
W 20	11 48 55	28 <sup>h</sup> 56'02	5 <sup>h</sup> 27'27	4 <sup>h</sup> 10'10	16 <sup>h</sup> 3'3	14 <sup>h</sup> 34'34	1 <sup>h</sup> 57'57	5 <sup>h</sup> 22'22	10 <sup>h</sup> 10'10	24 <sup>h</sup> 7'7	3 <sup>h</sup> 59'59	2 <sup>h</sup> 10'10	0 <sup>h</sup> 56'56	20 <sup>h</sup> 14'14	7 <sup>h</sup> 37'37	W 20
T 21	11 52 51	29 <sup>h</sup> 55'58	20 <sup>h</sup> 39'39	6 <sup>h</sup> 7'7	17 <sup>h</sup> 18'18	15 <sup>h</sup> 19'19	1 <sup>h</sup> 51'51	5 <sup>h</sup> 23'23	10 <sup>h</sup> 11'11	24 <sup>h</sup> 7'7	3 <sup>h</sup> 59'59	2 <sup>h</sup> 7'7	0 <sup>h</sup> 53'53	20 <sup>h</sup> 21'21	7 <sup>h</sup> 39'39	T 21
F 22	11 56 48	0 <sup>h</sup> 55'53	5 <sup>h</sup> 14'54	8 <sup>h</sup> 5'5	18 <sup>h</sup> 32'32	16 <sup>h</sup> 5'5	1 <sup>h</sup> 46'46	5 <sup>h</sup> 25'25	10 <sup>h</sup> 11'11	24 <sup>h</sup> 6'6	4 <sup>h</sup> 0'0	2 <sup>h</sup> 3'3	0 <sup>h</sup> 50'50	20 <sup>h</sup> 28'28	7 <sup>h</sup> 42'42	F 22
S 23	12 0 44	1 <sup>h</sup> 55'46	20 <sup>h</sup> 37'37	10 <sup>h</sup> 3'3	19 <sup>h</sup> 47'47	16 <sup>h</sup> 50'50	1 <sup>h</sup> 40'40	5 <sup>h</sup> 26'26	10 <sup>h</sup> 11'11	24 <sup>h</sup> 5'5	4 <sup>h</sup> 1'1	1 <sup>h</sup> 59'59	0 <sup>h</sup> 46'46	20 <sup>h</sup> 34'34	7 <sup>h</sup> 44'44	S 23
S 24	12 4 41	2 <sup>h</sup> 55'37	5 <sup>h</sup> 17'17	12 <sup>h</sup> 0'0	21 <sup>h</sup> 2'2	17 <sup>h</sup> 35'35	1 <sup>h</sup> 34'34	5 <sup>h</sup> 28'28	10 <sup>h</sup> 11'11	24 <sup>h</sup> 4'4	4 <sup>h</sup> 1'1	1 <sup>h</sup> 55'55	0 <sup>h</sup> 43'43	20 <sup>h</sup> 41'41	7 <sup>h</sup> 46'46	S 24
M 25	12 8 38	3 <sup>h</sup> 55'26	19 <sup>h</sup> 12'12	13 <sup>h</sup> 57'57	22 <sup>h</sup> 17'17	18 <sup>h</sup> 20'20	1 <sup>h</sup> 28'28	5 <sup>h</sup> 30'30	10 <sup>h</sup> 11'11	24 <sup>h</sup> 3'3	4 <sup>h</sup> 2'2	1 <sup>h</sup> 53'53	0 <sup>h</sup> 40'40	20 <sup>h</sup> 48'48	7 <sup>h</sup> 49'49	M 25
T 26	12 12 34	4 <sup>h</sup> 55'14	2 <sup>h</sup> 31'31	15 <sup>h</sup> 53'53	23 <sup>h</sup> 31'31	19 <sup>h</sup> 5'5	1 <sup>h</sup> 22'22	5 <sup>h</sup> 32'32	10 <sup>h</sup> 12'12	24 <sup>h</sup> 2'2	4 <sup>h</sup> 3'3	1 <sup>h</sup> 52'52	0 <sup>h</sup> 37'37	20 <sup>h</sup> 54'54	7 <sup>h</sup> 51'51	T 26
W 27	12 16 31	5 <sup>h</sup> 55'01	16 <sup>h</sup> 5'5	17 <sup>h</sup> 47'47	24 <sup>h</sup> 46'46	19 <sup>h</sup> 51'51	1 <sup>h</sup> 16'16	5 <sup>h</sup> 34'34	10 <sup>h</sup> 12'12	24 <sup>h</sup> 1'1	4 <sup>h</sup> 4'4	1 <sup>h</sup> 52'52	0 <sup>h</sup> 34'34	21 <sup>h</sup> 1'1	7 <sup>h</sup> 54'54	W 27
T 28	12 20 27	6 <sup>h</sup> 54'45	28 <sup>h</sup> 57'57	19 <sup>h</sup> 40'40	26 <sup>h</sup> 1'1	20 <sup>h</sup> 36'36	1 <sup>h</sup> 10'10	5 <sup>h</sup> 36'36	10 <sup>h</sup> 13'13	24 <sup>h</sup> 0'0	4 <sup>h</sup> 4'4	1 <sup>h</sup> 54'54	0 <sup>h</sup> 31'31	21 <sup>h</sup> 8'8	7 <sup>h</sup> 56'56	T 28
F 29	12 24 24	7 <sup>h</sup> 54'28	11 <sup>h</sup> 33'33	21 <sup>h</sup> 31'31	27 <sup>h</sup> 15'15	21 <sup>h</sup> 21'21	1 <sup>h</sup> 3'3	5 <sup>h</sup> 39'39	10 <sup>h</sup> 13'13	23 <sup>h</sup> 59'59	4 <sup>h</sup> 5'5	1 <sup>h</sup> 55'55	0 <sup>h</sup> 27'27	21 <sup>h</sup> 14'14	7 <sup>h</sup> 59'59	F 29
S 30	12 28 20	8 <sup>h</sup> 54'09	23 <sup>h</sup> 50'50	23 <sup>h</sup> 20'20	28 <sup>h</sup> 30'30	22 <sup>h</sup> 6'6	0 <sup>h</sup> 56'56	5 <sup>h</sup> 41'41	10 <sup>h</sup> 14'14	23 <sup>h</sup> 58'58	4 <sup>h</sup> 6'6	1 <sup>h</sup> 57'57	0 <sup>h</sup> 24'24	21 <sup>h</sup> 21'21	8 <sup>h</sup> 2'2	S 30
S 31	12 32 17	9 <sup>h</sup> 53'49	5 <sup>h</sup> 57'57	25 <sup>h</sup> 5'5	29 <sup>h</sup> 45'45	22 <sup>h</sup> 52'52	0 <sup>h</sup> 50'50	5 <sup>h</sup> 44'44	10 <sup>h</sup> 14'14	23 <sup>h</sup> 57'57	4 <sup>h</sup> 7'7	1 <sup>h</sup> 57'57	0 <sup>h</sup> 21'21	21 <sup>h</sup> 28'28	8 <sup>h</sup> 4'4	S 31

Day	☉	☾		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	7s51	22s18	2s41	13s37	2s 7	14s52	0s54	20s50	0s51	11s11	1n26	22n27	0s49	23n18	0n21	17s 6	1n43	7n10	13s54	10s36	10s45	10n31	16n59	4s31					
S 2	7 28	18 1	1 38	13 2	2 8	14 29	0 56	20 41	0 51	11 11	1 26	22 27	0 49	23 19	0 21	17 6	1 43	7 11	13 54	10 36	10 46	10 34	16 59	4 30					
S 3	7 5	13 2	0 31	12 26	2 8	14 6	0 58	20 32	0 52	11 9	1 26	22 27	0 49	23 19	0 21	17 6	1 44	7 11	13 54	10 36	10 47	10 37	16 59	4 30					
M 4	6 42	7 37	0n37	11 49	2 8	13 43	1 0	20 22	0 53	11 8	1 26	22 27	0 48	23 19	0 21	17 6	1 44	7 11	13 53	10 36	10 48	10 41	17 0	4 30					
T 5	6 19	1 59	1 42	11 11	2 8	13 19	1 2	20 13	0 53	11 7	1 26	22 27	0 48	23 19	0 21	17 6	1 44	7 12	13 53	10 36	10 50	10 44	17 0	4 30					
W 6	5 56	3n39	2 42	10 31	2 7	12 55	1 3	20 3	0 54	11 6	1 27	22 28	0 48	23 19	0 21	17 6	1 44	7 12	13 53	10 37	10 51	10 47	17 1	4 30					
T 7	5 33	9 8	3 34	9 50	2 6	12 30	1 5	19 53	0 55	11 5	1 27	22 28	0 48	23 19	0 21	17 6	1 44	7 12	13 53	10 37	10 52	10 50	17 1	4 29					
F 8	5 9	14 15	4 17	9 8	2 5	12 5	1 7	19 43	0 55	11 3	1 27	22 28	0 48	23 19	0 21	17 5	1 44	7 13	13 52	10 38	10 53	10 53	17 1	4 29					
S 9	4 46	18 52	4 49	8 25	2 3	11 40	1 8	19 32	0 56	11 2	1 27	22 28	0 47	23 19	0 21	17 5	1 44	7 13	13 52	10 39	10 54	10 56	17 2	4 29					
S 10	4 22	22 45	5 9	7 40	2 0	11 15	1 10	19 22	0 57	11 0	1 27	22 28	0 47	23 19	0 21	17 5	1 44	7 13	13 52	10 40	10 55	10 59	17 2	4 29					
M 11	3 59	25 44	5 16	6 55	1 57	10 49	1 11	19 11	0 57	10 59	1 28	22 28	0 47	23 19	0 21	17 5	1 44	7 14	13 51	10 40	10 56	11 2	17 3	4 28					
T 12	3 35	27 35	5 8	6 8	1 53	10 23	1 13	19 0	0 58	10 57	1 28	22 29	0 47	23 19	0 21	17 5	1 44	7 14	13 51	10 41	10 57	11 5	17 3	4 28					
W 13	3 12	28 6	4 46	5 20	1 49	9 56	1 14	18 49	0 59	10 56	1 28	22 29	0 47	23 19	0 21	17 5	1 44	7 15	13 51	10 41	10 59	11 8	17 4	4 28					
T 14	2 48	27 8	4 10	4 32	1 45	9 30	1 15	18 37	0 59	10 54	1 28	22 29	0 47	23 19	0 21	17 4	1 44	7 15	13 50	10 40	11 0	11 12	17 4	4 28					
F 15	2 24	24 39	3 19	3 42	1 39	9 3	1 17	18 26	1 0	10 52	1 28	22 29	0 46	23 19	0 21	17 4	1 44	7 15	13 50	10 40	11 1	11 15	17 5	4 28					
S 16	2 0	20 42	2 16	2 51	1 34	8 35	1 18	18 14	1 1	10 51	1 28	22 29	0 46	23 19	0 21	17 4	1 44	7 16	13 50	10 39	11 2	11 18	17 5	4 27					
S 17	1 37	15 28	1 2	2 0	1 27	8 8	1 19	18 2	1 1	10 49	1 29	22 29	0 46	23 19	0 21	17 4	1 44	7 16	13 49	10 39	11 3	11 21	17 6	4 27					
M 18	1 13	9 13	0s18	1 8	1 20	7 40	1 20	17 50	1 2	10 47	1 29	22 30	0 46	23 19	0 21	17 4	1 44	7 17	13 49	10 39	11 4	11 24	17 6	4 27					
T 19	0 49	2 19	1 38	0 14	1 13	7 12	1 21	17 38	1 3	10 45	1 29	22 30	0 46	23 19	0 21	17 3	1 44	7 17	13 49	10 39	11 5	11 27	17 7	4 27					
W 20	0 25	4s48	2 52	0n39	1 5	6 44	1 22	17 25	1 3	10 43	1 29	22 30	0 45	23 19	0 21	17 3	1 44	7 17	13 49	10 40	11 6	11 30	17 7	4 27					
T 21	0 2	11 40	3 55	1 33	0 57	6 16	1 23	17 13	1 4	10 41	1 29	22 30	0 45	23 19	0 21	17 3	1 45	7 18	13 48	10 41	11 8	11 33	17 8	4 26					
F 22	0n22	17 48	4 41	2 28	0 47	5 48	1 23	17 0	1 5	10 39	1 29	22 30	0 45	23 19	0 21	17 3	1 45	7 18	13 48	10 43	11 9	11 36	17 8	4 26					
S 23	0 46	22 46	5 7	3 23	0 38	5 19	1 24	16 47	1 5	10 37	1 30	22 30	0 45	23 19	0 21	17 2	1 45	7 19	13 48	10 44	11 10	11 39	17 9	4 26					
S 24	1 10	26 12	5 12	4 18	0 28	4 51	1 25	16 34	1 6	10 35	1 30	22 30	0 45	23 19	0 21	17 2	1 45	7 19	13 47	10 45	11 11	11 42	17 10	4 26					
M 25	1 33	27 53	4 59	5 13	0 17	4 22	1 25	16 20	1 7	10 32	1 30	22 30	0 45	23 19	0 21	17 2	1 45	7 19	13 47	10 46	11 12	11 45	17 10	4 26					
T 26	1 57	27 48	4 29	6 8	0 6	3 53	1 26	16 7	1 7	10 30	1 30	22 30	0 44	23 19	0 21	17 2	1 45	7 20	13 47	10 47	11 13	11 48	17 11	4 25					
W 27	2 21	26 7	3 45	7 2	0n 5	3 24	1 26	15 53	1 8	10 28	1 30	22 30	0 44	23 19	0 21	17 1	1 45	7 20	13 47	10 46	11 14	11 51	17 11	4 25					
T 28	2 44	23 5	2 50	7 56	0 17	2 54	1 27	15 40	1 8	10 26	1 30	22 31	0 44	23 19	0 21	17 1	1 45	7 21	13 46	10 46	11 15	11 54	17 12	4 25					
F 29	3 8	19 1	1 49	8 49	0 29	2 25	1 27	15 26	1 9	10 23	1 30	22 31	0 44	23 19	0 21	17 1	1 45	7 21	13 46	10 45	11 16	11 58	17 12	4 25					
S 30	3 31	14 14	0 44	9 40	0 41	1 56	1 27	15 12	1 10	10 21	1 30	22 31	0 44	23 19	0 21	17 1	1 45	7 21	13 46	10 45	11 18	12 1	17 13	4 25					
S 31	3n54	8s58	0n22	10n31	0n54	1s26	1s27	14s58	1s10	10s19	1n31	22n31	0s44	23n19	0n21	17s 0	1n45	7n22	13s46	10s45	11s19	12n 4	17n14	4s25					

## ASTRODIENST EPHEMERIS for the year 2622

APRIL 2622

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	12 36 13	10°Y53'26	17°K57	26°Y48	0°Y59	23°≈37	0°R43	5°≈46	10°≈15	23°R56	4°II 8	1°R55	0°K18	21°Y35	8°II 7	M 1
T 2	12 40 10	11°53'02	29°52	28°26	2°14	24°23	0°M36	5°49	10°16	23°M55	4° 9	1°K52	0°15	21°41	8°10	T 2
W 3	12 44 6	12°52'35	11°Y43	29°59	3°28	25° 8	0°29	5°52	10°17	23°54	4° 9	1°47	0°12	21°48	8°13	W 3
T 4	12 48 3	13°52'07	23°33	1°B29	4°43	25°53	0°22	5°55	10°17	23°53	4°10	1°39	0° 8	21°55	8°16	T 4
F 5	12 52 0	14°51'37	5°B24	2°53	5°58	26°39	0°15	5°58	10°18	23°52	4°11	1°31	0° 5	22° 1	8°19	F 5
S 6	12 55 56	15°51'04	17°17	4°12	7°12	27°24	0° 8	6° 1	10°19	23°51	4°12	1°23	0° 2	22° 8	8°22	S 6
S 7	12 59 53	16°50'30	29°14	5°25	8°27	28°10	0° 0	6° 4	10°20	23°49	4°13	1°14	29°≈59	22°15	8°25	S 7
M 8	13 3 49	17°49'53	11°II18	6°32	9°41	28°55	29°≈53	6° 7	10°21	23°48	4°14	1° 7	29°56	22°21	8°28	M 8
T 9	13 7 46	18°49'14	23°31	7°32	10°56	29°41	29°46	6°11	10°22	23°47	4°15	1° 2	29°52	22°28	8°31	T 9
W10	13 11 42	19°48'33	5°≈58	8°25	12°10	0°K26	29°38	6°14	10°23	23°46	4°16	0°59	29°49	22°35	8°34	W10
T 11	13 15 39	20°47'50	18°42	9°12	13°25	1°12	29°31	6°18	10°25	23°44	4°17	0°D58	29°46	22°41	8°38	T 11
F 12	13 19 35	21°47'04	1°Ω46	9°52	14°39	1°57	29°23	6°22	10°26	23°43	4°18	0°58	29°43	22°48	8°41	F 12
S 13	13 23 32	22°46'16	15°16	10°25	15°54	2°43	29°15	6°26	10°27	23°42	4°19	0°59	29°40	22°55	8°44	S 13
S 14	13 27 29	23°45'26	29°12	10°51	17° 8	3°28	29° 8	6°29	10°28	23°40	4°20	1°R 0	29°37	23° 2	8°48	S 14
M15	13 31 25	24°44'33	13°II35	11° 9	18°23	4°14	29° 0	6°33	10°30	23°39	4°21	0°59	29°33	23° 8	8°51	M15
T 16	13 35 22	25°43'38	28°23	11°20	19°37	4°59	28°53	6°38	10°31	23°38	4°22	0°57	29°30	23°15	8°55	T 16
W17	13 39 18	26°42'41	13°≈31	11°R25	20°51	5°45	28°45	6°42	10°33	23°36	4°24	0°52	29°27	23°22	8°58	W17
T 18	13 43 15	27°41'42	28°50	11°23	22° 6	6°30	28°37	6°46	10°34	23°35	4°25	0°44	29°24	23°28	9° 2	T 18
F 19	13 47 11	28°40'41	14°II 7	11°14	23°20	7°16	28°29	6°50	10°36	23°33	4°26	0°36	29°21	23°35	9° 5	F 19
S 20	13 51 8	29°39'38	29°14	10°59	24°35	8° 1	28°22	6°55	10°38	23°32	4°27	0°27	29°17	23°42	9° 9	S 20
S 21	13 55 4	0°B38'33	13°≈59	10°38	25°49	8°47	28°14	6°59	10°39	23°31	4°28	0°19	29°14	23°48	9°13	S 21
M22	13 59 1	1°37'27	28°17	10°12	27° 3	9°33	28° 6	7° 4	10°41	23°29	4°29	0°12	29°11	23°55	9°16	M22
T 23	14 2 58	2°36'19	12°≈5	9°42	28°18	10°18	27°59	7° 9	10°43	23°28	4°30	0° 8	29° 8	24° 2	9°20	T 23
W24	14 6 54	3°35'09	25°24	9° 7	29°32	11° 4	27°51	7°13	10°45	23°26	4°32	0° 6	29° 5	24° 9	9°24	W24
T 25	14 10 51	4°33'57	8°≈17	8°29	0°B46	11°49	27°43	7°18	10°46	23°25	4°33	0°D 6	29° 2	24°15	9°28	T 25
F 26	14 14 47	5°32'44	20°48	7°48	2° 0	12°35	27°36	7°23	10°48	23°23	4°34	0° 7	28°58	24°22	9°31	F 26
S 27	14 18 44	6°31'29	3°K 1	7° 6	3°15	13°21	27°28	7°28	10°50	23°21	4°35	0°R 7	28°55	24°29	9°35	S 27
S 28	14 22 40	7°30'12	15° 3	6°23	4°29	14° 6	27°21	7°33	10°52	23°20	4°36	0° 6	28°52	24°35	9°39	S 28
M29	14 26 37	8°28'54	26°56	5°40	5°43	14°52	27°13	7°38	10°54	23°18	4°38	0° 2	28°49	24°42	9°43	M29
T 30	14 30 33	9°B27'34	8°Y46	4°B57	6°B57	15°K37	27°≈6	7°≈44	10°≈56	23°M17	4°II39	29°≈56	28°≈46	24°Y49	9°II47	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	4n18	3s26	1n26	11n19	1n 6	0s57	1s28	14s43	1s11	10s16	1n31	22n31	0s43	23n18	0n21	17s 0	1n45
T 2	4 41	2n11	2 26	12 6	1 18	0 27	1 28	14 29	1 12	10 14	1 31	22 31	0 43	23 18	0 21	17 0	1 45
W 3	5 4	7 40	3 19	12 51	1 30	0n 2	1 28	14 14	1 12	10 11	1 31	22 31	0 43	23 18	0 21	16 59	1 45
T 4	5 27	12 53	4 3	13 33	1 42	0 32	1 28	13 59	1 13	10 9	1 31	22 31	0 43	23 18	0 21	16 59	1 45
F 5	5 50	17 38	4 37	14 13	1 54	1 1	1 27	13 45	1 13	10 6	1 31	22 31	0 43	23 18	0 21	16 59	1 45
S 6	6 13	21 42	4 59	14 50	2 5	1 31	1 27	13 30	1 14	10 3	1 31	22 31	0 42	23 18	0 20	16 58	1 45
S 7	6 36	24 55	5 8	15 25	2 15	2 0	1 27	13 14	1 15	10 1	1 31	22 31	0 42	23 18	0 20	16 58	1 45
M 8	6 58	27 4	5 3	15 56	2 25	2 30	1 27	12 59	1 15	9 58	1 31	22 31	0 42	23 18	0 20	16 58	1 45
T 9	7 21	27 56	4 45	16 25	2 34	2 59	1 26	12 44	1 16	9 56	1 31	22 31	0 42	23 18	0 20	16 57	1 45
W10	7 43	27 26	4 13	16 50	2 43	3 29	1 26	12 28	1 16	9 53	1 31	22 31	0 42	23 18	0 20	16 57	1 45
T 11	8 6	25 29	3 28	17 12	2 50	3 58	1 25	12 13	1 17	9 50	1 31	22 31	0 42	23 18	0 20	16 57	1 45
F 12	8 28	22 9	2 31	17 31	2 56	4 27	1 25	11 57	1 17	9 48	1 31	22 31	0 42	23 18	0 20	16 56	1 45
S 13	8 50	17 32	1 24	17 46	3 1	4 56	1 24	11 41	1 18	9 45	1 31	22 31	0 41	23 17	0 20	16 56	1 45
S 14	9 12	11 52	0 10	17 58	3 5	5 25	1 23	11 25	1 19	9 42	1 31	22 31	0 41	23 17	0 20	16 56	1 45
M15	9 33	5 24	1s 7	18 6	3 8	5 54	1 23	11 9	1 19	9 40	1 31	22 31	0 41	23 17	0 20	16 55	1 46
T 16	9 55	1s32	2 21	18 11	3 9	6 23	1 22	10 53	1 20	9 37	1 31	22 31	0 41	23 17	0 20	16 55	1 46
W17	10 16	8 30	3 27	18 12	3 9	6 52	1 21	10 37	1 20	9 34	1 31	22 31	0 41	23 17	0 20	16 54	1 46
T 18	10 37	15 3	4 19	18 10	3 7	7 20	1 20	10 21	1 21	9 31	1 31	22 31	0 41	23 17	0 20	16 54	1 46
F 19	10 58	20 40	4 52	18 4	3 4	7 49	1 19	10 4	1 21	9 29	1 31	22 31	0 40	23 17	0 20	16 54	1 46
S 20	11 19	24 52	5 5	17 55	2 59	8 17	1 18	9 48	1 22	9 26	1 31	22 31	0 40	23 17	0 20	16 53	1 46
S 21	11 40	27 18	4 56	17 42	2 53	8 45	1 17	9 31	1 22	9 23	1 31	22 31	0 40	23 16	0 20	16 53	1 46
M22	12 0	27 50	4 29	17 27	2 45	9 13	1 16	9 15	1 23	9 21	1 31	22 30	0 40	23 16	0 20	16 53	1 46
T 23	12 20	26 35	3 47	17 8	2 36	9 40	1 15	8 58	1 23	9 18	1 31	22 30	0 40	23 16	0 20	16 52	1 46
W24	12 40	23 50	2 54	16 47	2 25	10 8	1 13	8 41	1 24	9 15	1 31	22 30	0 40	23 16	0 20	16 52	1 46
T 25	13 0	19 58	1 54	16 23	2 13	10 35	1 12	8 24	1 24	9 13	1 31	22 30	0 39	23 16	0 20	16 51	1 46
F 26	13 20	15 18	0 50	15 58	2 0	11 2	1 11	8 7	1 25	9 10	1 31	22 30	0 39	23 16	0 20	16 51	1 46
S 27	13 39	10 7	0n15	15 30	1 46	11 28	1 9	7 50	1 25	9 7	1 31	22 30	0 39	23 15	0 20	16 51	1 46
S 28	13 58	4 40	1 19	15 2	1 31	11 55	1 8	7 33	1 26	9 5	1 31	22 30	0 39	23 15	0 20	16 50	1 46
M29	14 17	0n53	2 18	14 33	1 15	12 21	1 6	7 16	1 26	9 2	1 31	22 30	0 39	23 15	0 20	16 50	1 46
T 30	14n36	6n23	3n10	14n 3	0n58	12n47	1s 4	6s59	1s27	9s 0	1n31	22n29	0s39	23n15	0n20	16s49	1n46

Julian Day Number = 2678815.5, Delta T = 21m40s

Ecliptic obliquity = 23°21'39", Nutation = 0°00'08

Ayanamsha: Fagan/Bradley = 33°26'38", Lahiri = 32°33'38"

## ASTRODIENST EPHEMERIS for the year 2622

MAY 2622

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	14 34 30	10 <sup>8</sup> 26'12	20 <sup>9</sup> 35	4°R16	8 <sup>8</sup> 12	16 <sup>8</sup> 23	26°R58	7 <sup>5</sup> 49	10 <sup>5</sup> 58	23°R15	4 <sup>1</sup> 40	29°R48	28 <sup>8</sup> 43	24 <sup>9</sup> 55	9 <sup>1</sup> 51	W 1
T 2	14 38 27	11°24'48	2 <sup>8</sup> 26	3 <sup>8</sup> 37	9°26	17° 9	26 <sup>8</sup> 51	7°54	11° 1	23 <sup>1</sup> 14	4°41	29 <sup>8</sup> 36	28°30	25° 2	9°55	T 2
F 3	14 42 23	12°23'22	14°20	3° 0	10°40	17°54	26°44	8° 0	11° 3	23°12	4°43	29°24	28°36	25° 9	9°59	F 3
S 4	14 46 20	13°21'55	26°18	2°27	11°54	18°40	26°37	8° 5	11° 5	23°10	4°44	29°10	28°33	25°16	10° 3	S 4
S 5	14 50 16	14°20'26	8 <sup>1</sup> 23	1°58	13° 9	19°25	26°30	8°11	11° 7	23° 9	4°45	28°57	28°30	25°22	10° 7	S 5
M 6	14 54 13	15°18'54	20°35	1°33	14°23	20°11	26°23	8°17	11°10	23° 7	4°46	28°46	28°27	25°29	10°11	M 6
T 7	14 58 9	16°17'21	2 <sup>5</sup> 57	1°12	15°37	20°57	26°16	8°22	11°12	23° 6	4°48	28°37	28°23	25°36	10°16	T 7
W 8	15 2 6	17°15'46	15°29	0°56	16°51	21°42	26° 9	8°28	11°15	23° 4	4°49	28°30	28°20	25°42	10°20	W 8
T 9	15 6 2	18°14'09	28°15	0°45	18° 5	22°28	26° 2	8°34	11°17	23° 2	4°50	28°27	28°17	25°49	10°24	T 9
F 10	15 9 59	19°12'30	11 <sup>1</sup> 18	0°39	19°19	23°13	25°56	8°40	11°19	23° 1	4°52	28°26	28°14	25°56	10°28	F 10
S 11	15 13 56	20°10'48	24°41	0°D37	20°33	23°59	25°49	8°46	11°22	22°59	4°53	28°25	28°11	26° 2	10°32	S 11
S 12	15 17 52	21° 9'04	8 <sup>1</sup> 27	0°40	21°47	24°44	25°43	8°52	11°25	22°57	4°54	28°25	28° 8	26° 9	10°37	S 12
M13	15 21 49	22° 7'19	2 <sup>2</sup> 37	0°48	23° 1	25°30	25°36	8°58	11°27	22°56	4°56	28°24	28° 4	26°16	10°41	M13
T 14	15 25 45	23° 5'31	7 <sup>2</sup> 11	1° 1	24°15	26°15	25°30	9° 4	11°30	22°54	4°57	28°20	28° 1	26°23	10°45	T 14
W15	15 29 42	24° 3'42	22° 5	1°18	25°29	27° 1	25°24	9°10	11°32	22°53	4°58	28°14	27°58	26°29	10°49	W15
T 16	15 33 38	25° 1'50	7 <sup>1</sup> 12	1°40	26°43	27°46	25°18	9°17	11°35	22°51	4°59	28° 5	27°55	26°36	10°54	T 16
F 17	15 37 35	25°59'57	22°23	2° 6	27°57	28°32	25°12	9°23	11°38	22°49	5° 1	27°54	27°52	26°43	10°58	F 17
S 18	15 41 31	26°58'02	7 <sup>2</sup> 27	2°37	29°11	29°17	25° 7	9°30	11°41	22°48	5° 2	27°43	27°49	26°49	11° 2	S 18
S 19	15 45 28	27°56'06	22°14	3°11	0 <sup>1</sup> 25	0 <sup>9</sup> 3	25° 1	9°36	11°43	22°46	5° 4	27°33	27°45	26°56	11° 7	S 19
M20	15 49 25	28°54'08	6 <sup>3</sup> 37	3°49	1°39	0°48	24°56	9°43	11°46	22°44	5° 5	27°24	27°42	27° 3	11°11	M20
T 21	15 53 21	29°52'09	20°32	4°32	2°53	1°33	24°51	9°49	11°49	22°43	5° 6	27°18	27°39	27° 9	11°15	T 21
W22	15 57 18	0 <sup>1</sup> 50'09	3 <sup>8</sup> 57	5°17	4° 7	2°19	24°46	9°56	11°52	22°41	5° 8	27°15	27°36	27°16	11°20	W22
T 23	16 1 14	1°48'07	16°54	6° 7	5°21	3° 4	24°41	10° 2	11°55	22°40	5° 9	27°13	27°33	27°23	11°24	T 23
F 24	16 5 11	2°46'04	29°28	6°59	6°35	3°49	24°36	10° 9	11°58	22°38	5°10	27°13	27°29	27°30	11°29	F 24
S 25	16 9 7	3°43'59	11 <sup>1</sup> 43	7°55	7°49	4°35	24°31	10°16	12° 1	22°36	5°12	27°13	27°26	27°36	11°33	S 25
S 26	16 13 4	4°41'54	23°44	8°54	9° 3	5°20	24°27	10°23	12° 4	22°35	5°13	27°12	27°23	27°43	11°37	S 26
M27	16 17 0	5°39'47	5 <sup>9</sup> 37	9°56	10°17	6° 5	24°22	10°30	12° 7	22°33	5°14	27° 9	27°20	27°50	11°42	M27
T 28	16 20 57	6°37'39	17°27	11° 1	11°31	6°51	24°18	10°36	12°10	22°32	5°16	27° 3	27°17	27°56	11°46	T 28
W29	16 24 54	7°35'29	29°16	12° 9	12°44	7°36	24°14	10°43	12°13	22°30	5°17	26°54	27°14	28° 3	11°51	W29
T 30	16 28 50	8°33'19	11 <sup>1</sup> 10	13°20	13°58	8°21	24°10	10°50	12°16	22°29	5°18	26°43	27°10	28°10	11°55	T 30
F 31	16 32 47	9 <sup>1</sup> 31'07	23 <sup>8</sup> 9	14 <sup>8</sup> 33	15 <sup>1</sup> 12	9 <sup>9</sup> 6	24 <sup>8</sup> 6	10 <sup>5</sup> 57	12 <sup>5</sup> 19	22 <sup>1</sup> 27	5 <sup>1</sup> 20	26 <sup>8</sup> 31	27 <sup>8</sup> 7	28 <sup>9</sup> 17	12 <sup>1</sup> 11 0	F 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	14n54	11n38	3n54	13n33	0n42	13n12	1 s 3	6s42	1s27	8s57	1n31	22n29	0s39	23n15	0n20	W 1
T 2	15 12	16 28	4 28	13 4	0 24	13 37	1 1	6 24	1 28	8 55	1 31	22 29	0 38	23 15	0 20	T 2
F 3	15 30	20 42	4 50	12 35	0 7	14 2	0 59	6 7	1 28	8 52	1 30	22 29	0 38	23 14	0 20	F 3
S 4	15 48	24 7	5 0	12 8	0s10	14 26	0 58	5 50	1 29	8 50	1 30	22 29	0 38	23 14	0 20	S 4
S 5	16 5	26 31	4 57	11 42	0 26	14 51	0 56	5 32	1 29	8 47	1 30	22 29	0 38	23 14	0 20	S 5
M 6	16 22	27 40	4 39	11 19	0 43	15 14	0 54	5 15	1 29	8 45	1 30	22 28	0 38	23 14	0 20	M 6
T 7	16 39	27 29	4 9	10 57	0 58	15 38	0 52	4 57	1 30	8 42	1 30	22 28	0 38	23 14	0 20	T 7
W 8	16 56	25 53	3 26	10 37	1 13	16 1	0 50	4 40	1 30	8 40	1 30	22 28	0 38	23 13	0 20	W 8
T 9	17 12	22 56	2 32	10 20	1 28	16 23	0 48	4 22	1 31	8 38	1 30	22 28	0 37	23 13	0 20	T 9
F 10	17 28	18 46	1 29	10 5	1 41	16 45	0 46	4 5	1 31	8 36	1 30	22 27	0 37	23 13	0 20	F 10
S 11	17 44	13 34	0 20	9 52	1 54	17 7	0 44	3 47	1 31	8 33	1 29	22 27	0 37	23 13	0 20	S 11
S 12	17 59	7 33	0s53	9 42	2 6	17 28	0 42	3 29	1 32	8 31	1 29	22 27	0 37	23 12	0 20	S 12
M13	18 14	1 1	2 4	9 34	2 17	17 49	0 40	3 12	1 32	8 29	1 29	22 27	0 37	23 12	0 20	M13
T 14	18 29	5s44	3 9	9 29	2 27	18 10	0 38	2 54	1 33	8 27	1 29	22 26	0 37	23 12	0 20	T 14
W15	18 44	12 20	4 3	9 26	2 36	18 29	0 36	2 36	1 33	8 25	1 29	22 26	0 37	23 12	0 20	W15
T 16	18 58	18 17	4 41	9 26	2 45	18 49	0 34	2 19	1 33	8 23	1 29	22 26	0 37	23 12	0 20	T 16
F 17	19 11	23 7	4 59	9 28	2 52	19 8	0 31	2 1	1 34	8 21	1 28	22 25	0 36	23 11	0 20	F 17
S 18	19 25	26 21	4 56	9 32	2 59	19 26	0 29	1 43	1 34	8 19	1 28	22 25	0 36	23 11	0 20	S 18
S 19	19 38	27 41	4 33	9 38	3 5	19 44	0 27	1 26	1 34	8 17	1 28	22 25	0 36	23 11	0 20	S 19
M20	19 51	27 5	3 53	9 47	3 9	20 1	0 25	1 8	1 35	8 16	1 28	22 24	0 36	23 11	0 20	M20
T 21	20 3	24 47	3 1	9 57	3 14	20 18	0 22	0 50	1 35	8 14	1 28	22 24	0 36	23 10	0 20	T 21
W22	20 15	21 9	2 0	10 9	3 17	20 34	0 20	0 32	1 35	8 12	1 27	22 24	0 36	23 10	0 20	W22
T 23	20 27	16 35	0 54	10 23	3 19	20 50	0 18	0 15	1 35	8 11	1 27	22 23	0 36	23 10	0 20	T 23
F 24	20 39	11 26	0n12	10 38	3 21	21 5	0 15	0n 3	1 36	8 9	1 27	22 23	0 36	23 10	0 20	F 24
S 25	20 50	5 58	1 16	10 55	3 22	21 20	0 13	0 21	1 36	8 7	1 27	22 23	0 35	23 9	0 20	S 25
S 26	21 0	0 24	2 15	11 14	3 22	21 34	0 11	0 38	1 36	8 6	1 27	22 22	0 35	23 9	0 20	S 26
M27	21 11	5n 6	3 8	11 33	3 21	21 47	0 8	0 56	1 36	8 5	1 26	22 22	0 35	23 9	0 20	M27
T 28	21 21	10 24	3 52	11 55	3 20	22 0	0 6	1 14	1 37	8 3	1 26	22 21	0 35	23 8	0 20	T 28
W29	21 30	15 20	4 27	12 17	3 18	22 12	0 3	1 31	1 37	8 2	1 26	22 21	0 35	23 8	0 20	W29
T 30	21 39	19 43	4 50	12 40	3 16	22 23	0 1	1 49	1 37	8 1	1 26	22 20	0 35	23 8	0 20	T 30
F 31	21n48	23n20	5n 0	13n 5	3s13	22n34	0n 1	2n 6	1s37	8s 0	1n25	22n20	0s35	23n 8	0n20	F 31

Julian Day Number = 2678845.5, Delta T = 21m41s

Ecliptic obliquity = 23°21'38, Nutation = 0°00'08

Ayanamsha: Fagan/Bradley = 33°26'42, Lahiri = 32°33'42

# ASTRODIENST EPHEMERIS for the year 2622

JUNE 2622

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 36 43	10II28'54	5II16	15♂50	16II26	9Υ51	24°R 3	11☾ 4	12☾22	22°R25	5II21	26°R18	27☾ 4	28Υ23	12II 4	S 1
S 2	16 40 40	11°26'40	17°32	17° 8	17°40	10°36	23♂59	11°12	12°26	22II24	5°22	26☾ 5	27° 1	28°30	12° 9	S 2
M 3	16 44 36	12°24'24	29°58	18°30	18°54	11°21	23°56	11°19	12°29	22°22	5°24	25°53	26°58	28°37	12°13	M 3
T 4	16 48 33	13°22'07	12☾33	19°53	20° 7	12° 6	23°53	11°26	12°32	22°21	5°25	25°44	26°55	28°43	12°17	T 4
W 5	16 52 30	14°19'49	25°19	21°20	21°21	12°51	23°50	11°33	12°35	22°19	5°26	25°38	26°51	28°50	12°22	W 5
T 6	16 56 26	15°17'29	8♂18	22°48	22°35	13°36	23°48	11°40	12°39	22°18	5°28	25°35	26°48	28°57	12°26	T 6
F 7	17 0 23	16°15'08	21°29	24°20	23°49	14°21	23°45	11°48	12°42	22°16	5°29	25°D34	26°45	29° 3	12°31	F 7
S 8	17 4 19	17°12'45	4♂56	25°53	25° 2	15° 6	23°43	11°55	12°45	22°15	5°30	25°34	26°42	29°10	12°35	S 8
S 9	17 8 16	18°10'21	18°39	27°29	26°16	15°51	23°41	12° 2	12°49	22°14	5°32	25°R34	26°39	29°17	12°40	S 9
M10	17 12 12	19° 7'55	2♂40	29° 8	27°30	16°35	23°39	12°10	12°52	22°12	5°33	25°33	26°35	29°24	12°44	M10
T 11	17 16 9	20° 5'28	17° 0	0II49	28°44	17°20	23°37	12°17	12°55	22°11	5°34	25°31	26°32	29°30	12°49	T 11
W12	17 20 5	21° 3'00	1♂34	2°32	29°57	18° 5	23°35	12°25	12°59	22° 9	5°36	25°26	26°29	29°37	12°53	W12
T 13	17 24 2	22° 0'31	16°20	4°18	1☾11	18°49	23°34	12°32	13° 2	22° 8	5°37	25°19	26°26	29°44	12°58	T 13
F 14	17 27 59	22°58'00	1♂10	6° 6	2°25	19°34	23°32	12°40	13° 5	22° 7	5°38	25°10	26°23	29°50	13° 2	F 14
S 15	17 31 55	23°55'28	15°56	7°57	3°38	20°19	23°31	12°47	13° 9	22° 5	5°40	25° 1	26°20	29°57	13° 6	S 15
S 16	17 35 52	24°52'55	0☾30	9°49	4°52	21° 3	23°30	12°55	13°12	22° 4	5°41	24°52	26°16	0♂ 4	13°11	S 16
M17	17 39 48	25°50'22	14°45	11°44	6° 6	21°48	23°30	13° 2	13°16	22° 3	5°42	24°45	26°13	0°11	13°15	M17
T 18	17 43 45	26°47'47	28°36	13°42	7°19	22°32	23°29	13°10	13°19	22° 1	5°44	24°40	26°10	0°17	13°20	T 18
W19	17 47 41	27°45'12	12☾ 0	15°41	8°33	23°16	23°29	13°17	13°23	22° 0	5°45	24°37	26° 7	0°24	13°24	W19
T 20	17 51 38	28°42'36	25° 0	17°43	9°47	24° 1	23°29	13°25	13°26	21°59	5°46	24°D36	26° 4	0°31	13°28	T 20
F 21	17 55 34	29°40'00	7♂37	19°46	11° 0	24°45	23°D29	13°33	13°30	21°58	5°47	24°37	26° 1	0°37	13°33	F 21
S 22	17 59 31	0☾37'23	19°54	21°52	12°14	25°29	23°29	13°40	13°33	21°57	5°49	24°38	25°57	0°44	13°37	S 22
S 23	18 3 28	1°34'45	1Υ58	23°59	13°27	26°13	23°29	13°48	13°37	21°55	5°50	24°R38	25°54	0°51	13°41	S 23
M24	18 7 24	2°32'07	13°54	26° 7	14°41	26°57	23°30	13°56	13°40	21°54	5°51	24°37	25°51	0°58	13°46	M24
T 25	18 11 21	3°29'28	25°45	28°17	15°55	27°41	23°30	14° 3	13°44	21°53	5°52	24°35	25°48	1° 4	13°50	T 25
W26	18 15 17	4°26'50	7♂37	0☾27	17° 8	28°25	23°31	14°11	13°48	21°52	5°54	24°30	25°45	1°11	13°54	W26
T 27	18 19 14	5°24'10	19°34	2°39	18°22	29° 9	23°32	14°19	13°51	21°51	5°55	24°24	25°41	1°18	13°58	T 27
F 28	18 23 10	6°21'31	1II39	4°51	19°35	29°53	23°34	14°27	13°55	21°50	5°56	24°16	25°38	1°24	14° 3	F 28
S 29	18 27 7	7°18'51	13°55	7° 3	20°49	0♂37	23°35	14°34	13°58	21°49	5°57	24° 7	25°35	1°31	14° 7	S 29
S 30	18 31 3	8☾16'11	26II23	9☾14	22☾ 2	1♂21	23♂37	14☾42	14☾ 2	21II48	5II58	23☾59	25☾32	1♂38	14II11	S 30

Day	☉	☾		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	21n57	25n58	4n57	13n30	3s 9	22n44	0n 4	2n24	1s38	7s59	1n25	22n20	0s35	23n 7	0n20	16s37	1n46	7n43	13s37	12s43	12s27	15n 5	17n51	4s21	
S 2	22 5	27 25	4 40	13 57	3 4	22 54	0 6	2 41	1 38	7 58	1 25	22 19	0 34	23 7	0 20	16 36	1 46	7 43	13 37	12 47	12 28	15 8	17 52	4 21	
M 3	22 12	27 31	4 10	14 24	2 59	23 2	0 9	2 58	1 38	7 57	1 25	22 19	0 34	23 7	0 20	16 36	1 46	7 43	13 37	12 51	12 29	15 11	17 52	4 21	
T 4	22 20	26 12	3 27	14 52	2 54	23 11	0 11	3 16	1 38	7 56	1 25	22 18	0 34	23 6	0 20	16 36	1 46	7 43	13 37	12 54	12 30	15 13	17 53	4 21	
W 5	22 27	23 31	2 33	15 20	2 48	23 18	0 13	3 33	1 38	7 55	1 24	22 18	0 34	23 6	0 20	16 35	1 46	7 43	13 37	12 56	12 31	15 16	17 53	4 21	
T 6	22 33	19 35	1 30	15 49	2 41	23 25	0 16	3 50	1 38	7 54	1 24	22 17	0 34	23 6	0 20	16 35	1 46	7 44	13 37	12 57	12 32	15 19	17 54	4 21	
F 7	22 39	14 38	0 22	16 18	2 34	23 31	0 18	4 8	1 39	7 53	1 24	22 17	0 34	23 5	0 20	16 34	1 46	7 44	13 37	12 57	12 33	15 22	17 54	4 21	
S 8	22 45	8 54	0s50	16 47	2 27	23 37	0 20	4 25	1 39	7 53	1 24	22 16	0 34	23 5	0 20	16 34	1 46	7 44	13 37	12 57	12 34	15 25	17 55	4 21	
S 9	22 50	2 38	2 0	17 17	2 18	23 41	0 23	4 42	1 39	7 52	1 23	22 15	0 34	23 5	0 20	16 34	1 46	7 44	13 37	12 57	12 36	15 27	17 55	4 21	
M10	22 55	3s52	3 4	17 47	2 10	23 45	0 25	4 59	1 39	7 52	1 23	22 15	0 34	23 5	0 20	16 33	1 46	7 44	13 37	12 58	12 37	15 30	17 56	4 21	
T 11	23 0	10 19	3 58	18 17	2 1	23 49	0 28	5 16	1 39	7 51	1 23	22 14	0 33	23 4	0 20	16 33	1 46	7 45	13 37	12 58	12 38	15 33	17 56	4 22	
W12	23 4	16 19	4 38	18 46	1 52	23 51	0 30	5 32	1 39	7 51	1 23	22 14	0 33	23 4	0 20	16 33	1 46	7 45	13 37	13 0	12 39	15 36	17 57	4 22	
T 13	23 7	21 27	5 0	19 16	1 42	23 53	0 32	5 49	1 39	7 51	1 22	22 13	0 33	23 4	0 20	16 33	1 45	7 45	13 37	13 3	12 40	15 38	17 57	4 22	
F 14	23 10	25 15	5 2	19 45	1 32	23 55	0 34	6 6	1 39	7 50	1 22	22 13	0 33	23 3	0 20	16 32	1 45	7 45	13 37	13 5	12 41	15 41	17 57	4 22	
S 15	23 13	27 19	4 44	20 13	1 22	23 55	0 37	6 23	1 39	7 50	1 22	22 12	0 33	23 3	0 20	16 32	1 45	7 45	13 37	13 9	12 42	15 44	17 58	4 22	
S 16	23 16	27 29	4 7	20 40	1 11	23 55	0 39	6 39	1 39	7 50	1 22	22 11	0 33	23 3	0 20	16 32	1 45	7 45	13 37	13 11	12 43	15 47	17 58	4 22	
M17	23 18	25 48	3 16	21 7	1 1	23 54	0 41	6 56	1 39	7 50	1 21	22 11	0 33	23 2	0 20	16 31	1 45	7 46	13 37	13 14	12 44	15 49	17 59	4 22	
T 18	23 19	22 34	2 14	21 33	0 50	23 53	0 43	7 12	1 39	7 50	1 21	22 10	0 33	23 2	0 20	16 31	1 45	7 46	13 37	13 16	12 45	15 52	17 59	4 22	
W19	23 20	18 12	1 7	21 57	0 39	23 51	0 46	7 28	1 39	7 50	1 21	22 9	0 33	23 2	0 20	16 31	1 45	7 46	13 37	13 16	12 46	15 55	17 59	4 22	
T 20	23 21	13 7	0n 2	22 20	0 28	23 48	0 48	7 45	1 39	7 50	1 20	22 9	0 33	23 1	0 20	16 30	1 45	7 46	13 38	13 17	12 47	15 58	18 0	4 23	
F 21	23 22	7 37	1 9	22 42	0 17	23 44	0 50	8 1	1 39	7 51	1 20	22 8	0 32	23 1	0 20	16 30	1 45	7 46	13 38	13 16	12 48	16 0	18 0	4 23	
S 22	23 22	1 58	2 11	23 1	0 6	23 40	0 52	8 17	1 39	7 51	1 20	22 7	0 32	23 0	0 20	16 30	1 45	7 46	13 38	13 16	12 50	16 3	18 1	4 23	
S 23	23 21	3n38	3 7	23 19	0n 5	23 35	0 54	8 33	1 39	7 51	1 20	22 7	0 32	23 0	0 20	16 30	1 45	7 46	13 38	13 16	12 51	16 6	18 1	4 23	
M24	23 20	9 3	3 53	23 34	0 16	23 29	0 56	8 49	1 39	7 52	1 19	22 6	0 32	23 0	0 20	16 29	1 45	7 46	13 38	13 16	12 52	16 9	18 1	4 23	
T 25	23 19	14 6	4 29	23 47	0 26	23 22	0 58	9 4	1 39	7 52	1 19	22 5	0 32	22 59	0 20	16 29	1 45	7 47	13 38	13 17	12 53	16 11	18 2	4 23	
W26	23 17	18 38	4 54	23 58	0 36	23 15	1 0	9 20	1 39	7 53	1 19	22 5	0 32	22 59	0 20	16 29	1 45	7 47	13 38	13 19	12 54	16 14	18 2	4 24	
T 27	23 15	22 28	5 6	24 6	0 46	23 7	1 2	9 36	1 39	7 54	1 19	22 4	0 32	22 59	0 20	16 29	1 45	7 47	13 38	13 21	12 55	16 17	18 2	4 24	
F 28	23 13	25 23	5 4	24 11	0 55	22 59	1 3	9 51	1 39	7 54	1 18	22 3	0 32	22 58	0 20	16 28	1 45	7 47	13 38	13 23	12 56	16 19	18 3	4 24	
S 29	23 10	27 11	4 49	24 14	1 4	22 50	1 5	10 6	1 39	7 55	1 18	22 2	0 32	22 58	0 20	16 28	1 45	7 47	13 38	13 26	12 57	16 22	18 3	4 24	
S 30	23n 6	27n38	4n20	24n14	1n12	22n40	1n 7	10n22	1s39	7s56	1n18	22n 2	0s32	22n58	0n20	16s28	1n45	7n47	13s39	13s29	12s58	16n25	18n 3	4s24	



## ASTRODIENST EPHEMERIS for the year 2622

AUGUST 2622

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 37 13	8♂48'24	28♂ 2	5♂15	1♂10	23♂55	25♂54	18♂49	15♂55	21°R30	6♂29	23°D 8	23♂50	5♂13	16♂10	T 1
F 2	20 41 10	9°45'43	11♂57	6°26	2°23	24°36	26° 1	18°57	15°59	21♂30	6°30	23♂ 8	23°47	5°19	16°13	F 2
S 3	20 45 6	10°43'03	26° 2	7°33	3°36	25°16	26° 8	19° 4	16° 2	21°D30	6°31	23° 9	23°44	5°26	16°16	S 3
S 4	20 49 3	11°40'23	10♂14	8°39	4°49	25°56	26°15	19°11	16° 5	21°30	6°31	23°10	23°41	5°33	16°19	S 4
M 5	20 53 0	12°37'43	24°28	9°41	6° 2	26°37	26°22	19°19	16° 9	21°30	6°32	23°11	23°38	5°40	16°22	M 5
T 6	20 56 56	13°35'04	8♂44	10°41	7°15	27°17	26°29	19°26	16°12	21°30	6°32	23°R11	23°34	5°46	16°25	T 6
W 7	21 0 53	14°32'25	22°57	11°38	8°28	27°57	26°37	19°34	16°15	21°30	6°33	23°11	23°31	5°53	16°28	W 7
T 8	21 4 49	15°29'47	7♂ 6	12°31	9°41	28°37	26°44	19°41	16°18	21°31	6°34	23°11	23°28	6° 0	16°31	T 8
F 9	21 8 46	16°27'09	21° 8	13°22	10°54	29°16	26°52	19°48	16°22	21°31	6°34	23°10	23°25	6° 6	16°34	F 9
S 10	21 12 42	17°24'31	5♂ 1	14° 9	12° 7	29°56	27° 0	19°55	16°25	21°31	6°35	23° 9	23°22	6°13	16°37	S 10
S 11	21 16 39	18°21'55	18°42	14°53	13°20	0♂35	27° 8	20° 3	16°28	21°31	6°35	23° 9	23°19	6°20	16°39	S 11
M12	21 20 35	19°19'18	2♂10	15°33	14°33	1°15	27°16	20°10	16°31	21°31	6°36	23° 8	23°15	6°27	16°42	M12
T 13	21 24 32	20°16'43	15°24	16° 9	15°46	1°54	27°24	20°17	16°34	21°32	6°36	23° 8	23°12	6°33	16°45	T 13
W14	21 28 29	21°14'08	28°22	16°42	16°59	2°33	27°32	20°24	16°38	21°32	6°37	23°D 8	23° 9	6°40	16°47	W14
T 15	21 32 25	22°11'34	11♂ 4	17°10	18°12	3°12	27°41	20°31	16°41	21°32	6°37	23° 8	23° 6	6°47	16°50	T 15
F 16	21 36 22	23° 9'01	23°32	17°34	19°25	3°51	27°49	20°38	16°44	21°33	6°38	23°R 8	23° 3	6°53	16°52	F 16
S 17	21 40 18	24° 6'30	5♂47	17°53	20°37	4°29	27°58	20°45	16°47	21°33	6°38	23° 8	22°59	7° 0	16°54	S 17
S 18	21 44 15	25° 3'59	17°51	18° 7	21°50	5° 8	28° 6	20°52	16°50	21°34	6°39	23° 8	22°56	7° 7	16°57	S 18
M19	21 48 11	26° 1'29	29°48	18°17	23° 3	5°46	28°15	20°59	16°53	21°34	6°39	23° 8	22°53	7°14	16°59	M19
T 20	21 52 8	26°59'01	11♂41	18°R21	24°16	6°24	28°24	21° 6	16°56	21°35	6°39	23° 8	22°50	7°20	17° 1	T 20
W21	21 56 4	27°56'35	23°35	18°21	25°28	7° 2	28°33	21°13	16°59	21°35	6°40	23°D 7	22°47	7°27	17° 3	W21
T 22	22 0 1	28°54'09	5♂34	18°14	26°41	7°40	28°42	21°19	17° 2	21°36	6°40	23° 7	22°44	7°34	17° 5	T 22
F 23	22 3 58	29°51'45	17°42	18° 3	27°54	8°17	28°52	21°26	17° 4	21°37	6°40	23° 8	22°40	7°40	17° 7	F 23
S 24	22 7 54	0♂49'23	0♂ 5	17°45	29° 7	8°55	29° 1	21°33	17° 7	21°37	6°41	23° 8	22°37	7°47	17° 9	S 24
S 25	22 11 51	1°47'02	12°45	17°23	0♂19	9°32	29°10	21°39	17°10	21°38	6°41	23° 9	22°34	7°54	17°11	S 25
M26	22 15 47	2°44'42	25°46	16°55	1°32	10° 9	29°20	21°46	17°13	21°39	6°41	23°10	22°31	8° 1	17°13	M26
T 27	22 19 44	3°42'24	9♂ 9	16°22	2°44	10°46	29°30	21°52	17°16	21°39	6°41	23°11	22°28	8° 7	17°15	T 27
W28	22 23 40	4°40'07	22°54	15°44	3°57	11°23	29°39	21°59	17°18	21°40	6°42	23°R11	22°25	8°14	17°17	W28
T 29	22 27 37	5°37'51	7♂ 0	15° 1	5°10	11°59	29°49	22° 5	17°21	21°41	6°42	23°11	22°21	8°21	17°18	T 29
F 30	22 31 33	6°35'36	21°22	14°15	6°22	12°35	29°59	22°12	17°24	21°42	6°42	23°10	22°18	8°27	17°20	F 30
S 31	22 35 30	7♂33'23	5♂54	13♂26	7♂35	13♂12	0♂ 9	22♂18	17♂26	21♂43	6♂42	23♂ 8	22♂15	8♂34	17♂22	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	18n 0	11n42	0s27	9n18	0s16	12n29	1n33	17n16	1s28	8s53	1n10	21n34	0s29	22n45	0n21	T 1
F 2	17 45	5 29	1 42	8 42	0 27	12 2	1 33	17 27	1 27	8 56	1 10	21 33	0 29	22 45	0 21	F 2
S 3	17 29	1s 4	2 52	8 7	0 38	11 36	1 32	17 37	1 27	8 59	1 10	21 32	0 29	22 45	0 21	S 3
S 4	17 14	7 36	3 52	7 32	0 49	11 9	1 32	17 47	1 26	9 1	1 9	21 31	0 29	22 44	0 21	S 4
M 5	16 58	13 45	4 38	6 59	1 1	10 41	1 32	17 57	1 26	9 4	1 9	21 30	0 29	22 44	0 21	M 5
T 6	16 41	19 12	5 6	6 25	1 12	10 14	1 31	18 7	1 25	9 7	1 9	21 29	0 29	22 43	0 21	T 6
W 7	16 25	23 33	5 16	5 53	1 24	9 46	1 30	18 16	1 24	9 10	1 9	21 28	0 29	22 43	0 21	W 7
T 8	16 8	26 28	5 7	5 22	1 36	9 18	1 30	18 25	1 24	9 13	1 9	21 27	0 29	22 43	0 21	T 8
F 9	15 51	27 43	4 40	4 51	1 48	8 49	1 29	18 35	1 23	9 16	1 8	21 26	0 29	22 42	0 21	F 9
S 10	15 34	27 12	3 56	4 22	2 0	8 21	1 28	18 44	1 22	9 19	1 8	21 25	0 29	22 42	0 21	S 10
S 11	15 16	25 1	2 59	3 54	2 12	7 52	1 27	18 53	1 22	9 22	1 8	21 24	0 28	22 42	0 21	S 11
M12	14 59	21 27	1 54	3 27	2 25	7 23	1 26	19 1	1 21	9 25	1 8	21 23	0 28	22 41	0 21	M12
T 13	14 41	16 51	0 43	3 2	2 37	6 54	1 25	19 10	1 20	9 28	1 7	21 22	0 28	22 41	0 21	T 13
W14	14 22	11 33	0n29	2 39	2 49	6 25	1 24	19 18	1 20	9 31	1 7	21 21	0 28	22 40	0 21	W14
T 15	14 4	5 53	1 38	2 17	3 1	5 55	1 23	19 26	1 19	9 34	1 7	21 20	0 28	22 40	0 21	T 15
F 16	13 45	0 6	2 41	1 57	3 13	5 26	1 21	19 34	1 18	9 37	1 7	21 19	0 28	22 40	0 21	F 16
S 17	13 27	5n35	3 35	1 38	3 24	4 56	1 20	19 42	1 17	9 41	1 7	21 18	0 28	22 39	0 21	S 17
S 18	13 7	10 58	4 19	1 23	3 35	4 26	1 18	19 50	1 16	9 44	1 7	21 17	0 28	22 39	0 21	S 18
M19	12 48	15 54	4 51	1 9	3 46	3 56	1 17	19 57	1 16	9 47	1 6	21 16	0 28	22 39	0 21	M19
T 20	12 29	20 12	5 10	0 58	3 56	3 26	1 15	20 5	1 15	9 50	1 6	21 15	0 28	22 38	0 21	T 20
W21	12 9	23 43	5 17	0 49	4 6	2 55	1 14	20 12	1 14	9 54	1 6	21 14	0 28	22 38	0 21	W21
T 22	11 49	26 14	5 9	0 43	4 15	2 25	1 12	20 19	1 13	9 57	1 6	21 13	0 28	22 38	0 21	T 22
F 23	11 29	27 35	4 48	0 40	4 23	1 54	1 10	20 26	1 12	10 1	1 6	21 12	0 28	22 37	0 21	F 23
S 24	11 9	27 35	4 13	0 41	4 30	1 24	1 8	20 32	1 11	10 4	1 5	21 11	0 28	22 37	0 21	S 24
S 25	10 48	26 10	3 26	0 44	4 36	0 53	1 6	20 39	1 11	10 8	1 5	21 10	0 28	22 37	0 21	S 25
M26	10 28	23 19	2 26	0 50	4 41	0 23	1 4	20 45	1 10	10 11	1 5	21 9	0 28	22 36	0 21	M26
T 27	10 7	19 9	1 17	1 0	4 44	0s 8	1 2	20 51	1 9	10 15	1 5	21 8	0 27	22 36	0 21	T 27
W28	9 46	13 52	0 2	1 13	4 46	0 39	1 0	20 57	1 8	10 18	1 5	21 7	0 27	22 36	0 21	W28
T 29	9 25	7 45	1s16	1 29	4 46	1 9	0 58	21 3	1 7	10 22	1 5	21 6	0 27	22 35	0 21	T 29
F 30	9 4	1 7	2 29	1 48	4 44	1 40	0 56	21 9	1 6	10 25	1 4	21 5	0 27	22 35	0 21	F 30
S 31	8n42	5s37	3s35	2n10	4s41	2s11	0n54	21n14	1s 5	10s29	1n 4	21n 4	0s27	22n35	0n21	S 31

Julian Day Number = 2678937.5, Delta T = 21m42s

Ecliptic obliquity = 23°21'38, Nutation = 0°00'11

Ayanamsha: Fagan/Bradley = 33°26'55, Lahiri = 32°33'55

# ASTRODIENST EPHEMERIS for the year 2622

SEPTEMBER 2622

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 39 27	8♍31'11	20♌32	12°R35	8♌47	13♌47	0♌19	22♌24	17♌29	21♌44	6♌42	23°R 6	22♌12	8♌41	17♌23	S 1
M 2	22 43 23	9°29'00	5♌ 8	11♌42	10° 0	14°23	0°29	22°30	17°31	21°45	6°42	23° 4	22° 9	8°48	17°25	M 2
T 3	22 47 20	10°26'51	19°37	10°48	11°12	14°59	0°40	22°36	17°34	21°45	6°42	23° 3	22° 5	8°54	17°26	T 3
W 4	22 51 16	11°24'42	3♌55	9°56	12°24	15°34	0°50	22°42	17°36	21°46	6°42	23° 2	22° 2	9° 1	17°27	W 4
T 5	22 55 13	12°22'35	17°59	9° 5	13°37	16° 9	1° 0	22°48	17°39	21°48	6°42	23°D 2	21°59	9° 8	17°29	T 5
F 6	22 59 9	13°20'29	1♌47	8°17	14°49	16°44	1°11	22°54	17°41	21°49	6°R42	23° 3	21°56	9°14	17°30	F 6
S 7	23 3 6	14°18'24	15°20	7°33	16° 1	17°18	1°22	23° 0	17°44	21°50	6°42	23° 4	21°53	9°21	17°31	S 7
S 8	23 7 2	15°16'20	28°38	6°54	17°14	17°53	1°32	23° 6	17°46	21°51	6°42	23° 5	21°50	9°28	17°32	S 8
M 9	23 10 59	16°14'18	11♌42	6°20	18°26	18°27	1°43	23°12	17°48	21°52	6°42	23° 7	21°46	9°35	17°33	M 9
T 10	23 14 56	17°12'17	24°33	5°54	19°38	19° 1	1°54	23°17	17°50	21°53	6°42	23°R 7	21°43	9°41	17°34	T 10
W 11	23 18 52	18°10'17	7♌12	5°35	20°50	19°34	2° 5	23°23	17°53	21°54	6°42	23° 6	21°40	9°48	17°35	W 11
T 12	23 22 49	19° 8'19	19°39	5°23	22° 2	20° 8	2°16	23°29	17°55	21°55	6°42	23° 4	21°37	9°55	17°36	T 12
F 13	23 26 45	20° 6'22	1♌56	5°D20	23°14	20°41	2°27	23°34	17°57	21°57	6°42	23° 1	21°34	10° 2	17°36	F 13
S 14	23 30 42	21° 4'27	14° 4	5°25	24°27	21°14	2°38	23°39	17°59	21°58	6°42	22°57	21°30	10° 8	17°37	S 14
S 15	23 34 38	22° 2'34	26° 4	5°39	25°39	21°47	2°49	23°45	18° 1	21°59	6°42	22°52	21°27	10°15	17°38	S 15
M 16	23 38 35	23° 0'43	7♌59	6° 2	26°51	22°19	3° 0	23°50	18° 3	22° 1	6°41	22°46	21°24	10°22	17°38	M 16
T 17	23 42 31	23°58'54	19°51	6°33	28° 2	22°51	3°12	23°55	18° 5	22° 2	6°41	22°42	21°21	10°28	17°39	T 17
W 18	23 46 28	24°57'06	1♌43	7°13	29°14	23°23	3°23	24° 0	18° 7	22° 3	6°41	22°38	21°18	10°35	17°39	W 18
T 19	23 50 25	25°55'21	13°40	8° 1	0♌26	23°55	3°35	24° 5	18° 9	22° 5	6°41	22°36	21°15	10°42	17°39	T 19
F 20	23 54 21	26°53'38	25°46	8°56	1°38	24°26	3°46	24°10	18°10	22° 6	6°40	22°D35	21°11	10°49	17°40	F 20
S 21	23 58 18	27°51'56	8♌ 5	9°59	2°50	24°57	3°58	24°15	18°12	22° 8	6°40	22°36	21° 8	10°55	17°40	S 21
S 22	0 2 14	28°50'17	20°43	11° 8	4° 2	25°28	4° 9	24°20	18°14	22° 9	6°40	22°37	21° 5	11° 2	17°40	S 22
M 23	0 6 11	29°48'40	3♌43	12°24	5°13	25°58	4°21	24°24	18°16	22°11	6°39	22°38	21° 2	11° 9	17°40	M 23
T 24	0 10 7	0♌47'04	17° 8	13°46	6°25	26°28	4°33	24°29	18°17	22°12	6°39	22°R39	20°59	11°15	17°R40	T 24
W 25	0 14 4	1°45'31	1♌ 0	15°13	7°37	26°58	4°45	24°34	18°19	22°14	6°39	22°39	20°56	11°22	17°40	W 25
T 26	0 18 0	2°44'00	15°18	16°44	8°48	27°27	4°57	24°38	18°20	22°15	6°38	22°37	20°52	11°29	17°40	T 26
F 27	0 21 57	3°42'30	29°58	18°19	10° 0	27°56	5° 9	24°42	18°22	22°17	6°38	22°34	20°49	11°36	17°40	F 27
S 28	0 25 53	4°41'03	14♌55	19°58	11°12	28°25	5°21	24°47	18°23	22°19	6°37	22°28	20°46	11°42	17°39	S 28
S 29	0 29 50	5°39'37	29°58	21°40	12°23	28°54	5°33	24°51	18°25	22°20	6°37	22°22	20°43	11°49	17°39	S 29
M 30	0 33 47	6♌38'13	14♌58	23♌24	13♌35	29♌22	5♌45	24♌55	18♌26	22♌22	6♌37	22♌15	20♌40	11♌56	17♌39	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	8n21	12s 6	4s26	2n34	4s36	2s41	0n51	21n19	1s 4	10s33	1n 4	21n 3	0s27	22n34	0n21	16s30
M 2	7 59	17 54	5 0	3 1	4 29	3 12	0 49	21 25	1 3	10 37	1 4	21 3	0 27	22 34	0 21	16 30
T 3	7 38	22 38	5 15	3 29	4 19	3 42	0 46	21 30	1 2	10 40	1 4	21 2	0 27	22 34	0 21	16 31
W 4	7 16	25 56	5 10	3 59	4 9	4 13	0 44	21 34	1 1	10 44	1 4	21 1	0 27	22 33	0 21	16 31
T 5	6 54	27 34	4 46	4 29	3 56	4 43	0 41	21 39	1 0	10 48	1 3	21 0	0 27	22 33	0 21	16 31
F 6	6 32	27 27	4 6	5 0	3 42	5 14	0 39	21 44	0 59	10 52	1 3	20 59	0 27	22 33	0 21	16 32
S 7	6 9	25 41	3 13	5 31	3 26	5 44	0 36	21 48	0 58	10 55	1 3	20 58	0 27	22 33	0 21	16 32
S 8	5 47	22 30	2 11	6 1	3 10	6 14	0 33	21 52	0 56	10 59	1 3	20 57	0 27	22 32	0 21	16 32
M 9	5 25	18 13	1 2	6 29	2 52	6 44	0 30	21 57	0 55	11 3	1 3	20 56	0 27	22 32	0 21	16 33
T 10	5 2	13 10	0n 8	6 56	2 34	7 14	0 27	22 1	0 54	11 7	1 3	20 55	0 27	22 32	0 21	16 33
W 11	4 40	7 39	1 17	7 21	2 15	7 44	0 25	22 4	0 53	11 11	1 2	20 54	0 27	22 31	0 21	16 33
T 12	4 17	1 56	2 20	7 43	1 56	8 13	0 22	22 8	0 52	11 15	1 2	20 53	0 27	22 31	0 21	16 34
F 13	3 54	3n47	3 17	8 1	1 37	8 43	0 19	22 12	0 51	11 19	1 2	20 53	0 27	22 31	0 21	16 34
S 14	3 32	9 16	4 3	8 17	1 18	9 12	0 16	22 15	0 49	11 22	1 2	20 52	0 27	22 31	0 21	16 35
S 15	3 9	14 22	4 39	8 29	0 59	9 41	0 13	22 18	0 48	11 26	1 2	20 51	0 26	22 30	0 22	16 35
M 16	2 46	18 52	5 2	8 38	0 41	10 10	0 10	22 22	0 47	11 30	1 2	20 50	0 26	22 30	0 22	16 35
T 17	2 23	22 38	5 11	8 42	0 24	10 39	0 6	22 25	0 46	11 34	1 2	20 49	0 26	22 30	0 22	16 36
W 18	2 0	25 28	5 8	8 43	0 8	11 7	0 3	22 28	0 44	11 38	1 2	20 48	0 26	22 30	0 22	16 36
T 19	1 37	27 11	4 51	8 40	0n 8	11 35	0 0	22 30	0 43	11 42	1 1	20 47	0 26	22 30	0 22	16 36
F 20	1 14	27 39	4 21	8 33	0 23	12 3	0s 3	22 33	0 42	11 46	1 1	20 47	0 26	22 29	0 22	16 37
S 21	0 51	26 45	3 39	8 22	0 36	12 31	0 6	22 36	0 40	11 50	1 1	20 46	0 26	22 29	0 22	16 37
S 22	0 28	24 29	2 45	8 7	0 48	12 58	0 10	22 38	0 39	11 54	1 1	20 45	0 26	22 29	0 22	16 38
M 23	0 4	20 54	1 41	7 48	1 0	13 26	0 13	22 41	0 37	11 58	1 1	20 44	0 26	22 29	0 22	16 38
T 24	0s19	16 8	0 30	7 26	1 10	13 52	0 16	22 43	0 36	12 2	1 1	20 44	0 26	22 29	0 22	16 39
W 25	0 42	10 23	0s45	7 1	1 19	14 19	0 20	22 45	0 35	12 7	1 1	20 43	0 26	22 28	0 22	16 39
T 26	1 5	3 56	2 0	6 33	1 26	14 45	0 23	22 47	0 33	12 11	1 1	20 42	0 26	22 28	0 22	16 39
F 27	1 28	2s52	3 8	6 2	1 33	15 11	0 27	22 49	0 32	12 15	1 0	20 41	0 26	22 28	0 22	16 40
S 28	1 51	9 37	4 5	5 28	1 39	15 37	0 30	22 51	0 30	12 19	1 0	20 41	0 26	22 28	0 22	16 40
S 29	2 14	15 52	4 45	4 52	1 43	16 2	0 33	22 53	0 29	12 23	1 0	20 40	0 26	22 28	0 22	16 41
M 30	2s38	21s 8	5s 6	4n15	1n46	16s27	0s37	22n55	0s27	12s27	1n 0	20n39	0s26	22n28	0n22	16s41

Julian Day Number = 2678968.5, Delta T = 21m42s  
 Ecliptic obliquity = 23°21'38", Nutation = 0°00'11  
 Ayanamsha: Fagan/Bradley = 33°26'59", Lahiri = 32°33'59

## ASTRODIENST EPHEMERIS for the year 2622

OCTOBER 2622

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 37 43	7♂36'51	29♂48	25♂10	14♂46	29♂49	5♂57	24♂59	18♂27	22♂24	6♂36	22♂10	20♂36	12♂2	17♂38	T 1
W 2	0 41 40	8°35'31	14♂19	26°57	15°57	0♂17	6° 9	25° 3	18°28	22°25	6♂36	22°25	20°33	12° 9	17♂38	W 2
T 3	0 45 36	9°34'12	28°08	28°46	17° 9	0°44	6°21	25° 7	18°30	22°27	6°35	22° 3	20°30	12°16	17°37	T 3
F 4	0 49 33	10°32'55	12♂14	0♂35	18°20	1°10	6°34	25°10	18°31	22°29	6°34	22°D 2	20°27	12°23	17°37	F 4
S 5	0 53 29	11°31'40	25°38	2°25	19°31	1°36	6°46	25°14	18°32	22°31	6°34	22° 3	20°24	12°29	17°36	S 5
S 6	0 57 26	12°30'26	8♂42	4°15	20°42	2° 2	6°58	25°18	18°33	22°32	6°33	22° 4	20°21	12°36	17°35	S 6
M 7	1 1 23	13°29'13	21°29	6° 5	21°54	2°27	7°11	25°21	18°34	22°34	6°33	22°R 5	20°17	12°43	17°34	M 7
T 8	1 5 19	14°28'03	4♂ 3	7°55	23° 5	2°52	7°23	25°24	18°35	22°36	6°32	22° 4	20°14	12°50	17°33	T 8
W 9	1 9 16	15°26'54	16°25	9°44	24°16	3°17	7°36	25°28	18°36	22°38	6°31	22° 1	20°11	12°56	17°32	W 9
T 10	1 13 12	16°25'47	28°38	11°34	25°27	3°41	7°48	25°31	18°36	22°40	6°31	21°56	20° 8	13° 3	17°31	T 10
F 11	1 17 9	17°24'42	10♂43	13°22	26°38	4° 5	8° 1	25°34	18°37	22°42	6°30	21°48	20° 5	13°10	17°30	F 11
S 12	1 21 5	18°23'39	22°44	15°10	27°48	4°28	8°14	25°37	18°38	22°44	6°29	21°38	20° 2	13°16	17°29	S 12
S 13	1 25 2	19°22'38	4♂39	16°58	28°59	4°51	8°26	25°40	18°39	22°46	6°29	21°27	19°58	13°23	17°28	S 13
M14	1 28 58	20°21'39	16°32	18°45	0♂10	5°13	8°39	25°43	18°39	22°48	6°28	21°16	19°55	13°30	17°26	M14
T 15	1 32 55	21°20'42	28°24	20°31	1°21	5°35	8°52	25°45	18°40	22°50	6°27	21° 5	19°52	13°37	17°25	T 15
W16	1 36 51	22°19'47	10♂16	22°16	2°31	5°56	9° 4	25°48	18°40	22°52	6°27	20°56	19°49	13°43	17°24	W16
T 17	1 40 48	23°18'55	22°13	24° 0	3°42	6°17	9°17	25°50	18°41	22°54	6°26	20°49	19°46	13°50	17°22	T 17
F 18	1 44 45	24°18'05	4♂17	25°44	4°52	6°37	9°30	25°53	18°41	22°56	6°25	20°45	19°42	13°57	17°21	F 18
S 19	1 48 41	25°17'17	16°33	27°27	6° 3	6°57	9°43	25°55	18°41	22°58	6°24	20°42	19°39	14° 4	17°19	S 19
S 20	1 52 38	26°16'31	29° 6	29° 9	7°13	7°16	9°56	25°57	18°42	23° 0	6°23	20°D42	19°36	14°10	17°17	S 20
M21	1 56 34	27°15'48	11♂59	0♂51	8°24	7°35	10° 8	25°59	18°42	23° 2	6°23	20°43	19°33	14°17	17°16	M21
T 22	2 0 31	28°15'07	25°18	2°31	9°34	7°53	10°21	26° 1	18°42	23° 4	6°22	20°R43	19°30	14°24	17°14	T 22
W23	2 4 27	29°14'28	9♂ 6	4°11	10°44	8°11	10°34	26° 3	18°42	23° 6	6°21	20°41	19°27	14°30	17°12	W23
T 24	2 8 24	0♂13'51	23°22	5°51	11°54	8°28	10°47	26° 5	18°42	23° 8	6°20	20°38	19°23	14°37	17°10	T 24
F 25	2 12 20	1°13'17	8♂ 7	7°29	13° 4	8°44	11° 0	26° 6	18°R42	23°10	6°19	20°31	19°20	14°44	17° 8	F 25
S 26	2 16 17	2°12'45	23°12	9° 7	14°14	9° 0	11°13	26° 8	18°42	23°12	6°18	20°23	19°17	14°51	17° 6	S 26
S 27	2 20 14	3°12'15	8♂30	10°44	15°24	9°15	11°26	26° 9	18°42	23°14	6°17	20°12	19°14	14°57	17° 4	S 27
M28	2 24 10	4°11'47	23°48	12°21	16°34	9°30	11°39	26°10	18°42	23°16	6°16	20° 2	19°11	15° 4	17° 2	M28
T 29	2 28 7	5°11'20	8♂56	13°57	17°44	9°44	11°52	26°12	18°42	23°19	6°15	19°52	19° 8	15°11	17° 0	T 29
W30	2 32 3	6°10'56	23°44	15°32	18°53	9°57	12° 5	26°13	18°42	23°21	6°14	19°44	19° 4	15°17	16°57	W30
T 31	2 36 0	7♂10'34	8♂ 5	17♂ 6	20♂ 3	10♂ 9	12♂18	26♂14	18♂41	23♂23	6♂14	19♂39	19♂ 1	15♂24	16♂55	T 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	3s 1	25s 1	5s 5	3n35	1n49	16s51	0s40	22n56	0s25	12s31	1n 0	20n39	0s26	22n27	0n22	16s42	1n40	7n33	13s59	14s 5	14s34	20n14	17n53	4s55					
W 2	3 24	27 10	4 46	2 54	1 50	17 16	0 44	22 58	0 24	12 35	1 0	20 38	0 26	22 27	0 22	16 42	1 40	7 32	13 59	14 6	14 35	20 16	17 53	4 55					
T 3	3 47	27 29	4 8	2 12	1 51	17 39	0 47	22 59	0 22	12 39	1 0	20 37	0 26	22 27	0 22	16 43	1 40	7 32	14 0	14 7	14 36	20 19	17 53	4 56					
F 4	4 10	26 5	3 18	1 28	1 51	18 3	0 51	23 1	0 21	12 43	1 0	20 37	0 26	22 27	0 22	16 43	1 40	7 32	14 0	14 7	14 37	20 21	17 52	4 56					
S 5	4 33	23 12	2 17	0 44	1 50	18 25	0 54	23 2	0 19	12 47	1 0	20 36	0 26	22 27	0 22	16 44	1 40	7 31	14 0	14 7	14 38	20 23	17 52	4 57					
S 6	4 56	19 10	1 11	0s 1	1 49	18 48	0 58	23 4	0 17	12 52	0 59	20 35	0 25	22 27	0 22	16 44	1 40	7 31	14 0	14 6	14 39	20 25	17 51	4 57					
M 7	5 18	14 21	0 3	0 46	1 47	19 10	1 1	23 5	0 15	12 56	0 59	20 35	0 25	22 27	0 22	16 45	1 40	7 31	14 0	14 6	14 40	20 27	17 51	4 57					
T 8	5 41	9 0	1n 4	1 32	1 44	19 31	1 5	23 6	0 14	13 0	0 59	20 34	0 25	22 27	0 22	16 45	1 40	7 30	14s 1	14 6	14 41	20 30	17 50	4 58					
W 9	6 4	3 24	2 7	2 18	1 41	19 52	1 8	23 7	0 12	13 4	0 59	20 34	0 25	22 26	0 22	16 46	1 40	7 30	14 1	14 7	14 42	20 32	17 50	4 58					
T 10	6 26	2n15	3 3	3 4	1 37	20 13	1 11	23 9	0 10	13 8	0 59	20 33	0 25	22 26	0 22	16 46	1 40	7 30	14 1	14 9	14 43	20 34	17 49	4 59					
F 11	6 49	7 45	3 50	3 50	1 33	20 33	1 15	23 10	0 8	13 12	0 59	20 33	0 25	22 26	0 22	16 47	1 40	7 30	14 1	14 12	14 44	20 36	17 49	4 59					
S 12	7 11	12 56	4 26	4 36	1 29	20 53	1 18	23 11	0 6	13 16	0 59	20 32	0 25	22 26	0 22	16 47	1 40	7 29	14 1	14 15	14 45	20 38	17 48	4 59					
S 13	7 34	17 35	4 51	5 21	1 24	21 12	1 22	23 12	0 4	13 20	0 59	20 32	0 25	22 26	0 22	16 48	1 40	7 29	14 2	14 18	14 46	20 41	17 48	5 0					
M14	7 56	21 33	5 2	6 6	1 19	21 30	1 25	23 13	0 3	13 25	0 59	20 31	0 25	22 26	0 22	16 48	1 40	7 29	14 2	14 22	14 47	20 43	17 47	5 0					
T 15	8 18	24 38	5 1	6 51	1 13	21 48	1 28	23 14	0 1	13 29	0 59	20 31	0 25	22 26	0 22	16 49	1 40	7 28	14 2	14 25	14 48	20 45	17 47	5 0					
W16	8 40	26 38	4 47	7 36	1 7	22 6	1 32	23 15	0n 1	13 33	0 59	20 30	0 25	22 26	0 22	16 49	1 39	7 28	14 2	14 28	14 49	20 47	17 46	5 1					
T 17	9 2	27 27	4 20	8 20	1 2	22 23	1 35	23 16	0 3	13 37	0 59	20 30	0 25	22 26	0 22	16 50	1 39	7 28	14 2	14 30	14 50	20 49	17 46	5 1					
F 18	9 23	26 58	3 41	9 3	0 56	22 39	1 38	23 17	0 5	13 41	0 58	20 30	0 25	22 26	0 22	16 50	1 39	7 27	14 2	14 32	14 51	20 51	17 45	5 2					
S 19	9 45	25 10	2 51	9 46	0 49	22 55	1 42	23 18	0 7	13 45	0 58	20 29	0 25	22 26	0 22	16 51	1 39	7 27	14 3	14 33	14 52	20 53	17 45	5 2					
S 20	10 7	22 6	1 52	10 28	0 43	23 10	1 45	23 19	0 10	13 49	0 58	20 29	0 25	22 26	0 22	16 51	1 39	7 27	14 3	14 33	14 53	20 56	17 44	5 3					
M21	10 28	17 53	0 46	11 10	0 36	23 25	1 48	23 20	0 12	13 53	0 58	20 29	0 25	22 26	0 23	16 52	1 39	7 27	14 3	14 33	14 54	20 58	17 44	5 3					
T 22	10 49	12 40	0s24	11 51	0 30	23 39	1 51	23 21	0 14	13 57	0 58	20 28	0 25	22 26	0 23	16 52	1 39	7 26	14 3	14 33	14 55	21 0	17 43	5 3					
W23	11 10	6 39	1 36	12 31	0 23	23 52	1 54	23 22	0 16	14 1	0 58	20 28	0 25	22 26	0 23	16 53	1 39	7 26	14 3	14 33	14 56	21 2	17 43	5 3					
T 24	11 31	0 7	2 44	13 10	0 16	24 5	1 57	23 24	0 18	14 5	0 58	20 28	0 25	22 26	0 23	16 54	1 39	7 26	14 3	14 34	14 57	21 4	17 42	5 4					
F 25	11 52	6s38	3 43	13 49	0 9	24 17	2 0	23 25	0 20	14 10	0 58	20 27	0 25	22 26	0 23	16 54	1 39	7 26	14 4	14 36	14 58	21 6	17 42	5 4					
S 26	12 12	13 8	4 28	14 27	0 3	24 28	2 3	23 26	0 23	14 14	0 58	20 27	0 24	22 26	0 23	16 55	1 39	7 25	14 4	14 39	14 59	21 8	17 41	5 4					
S 27	12 32	18 56	4 55	15 4	0s 4	24 39	2 6	23 27	0 25	14 18	0 58	20 27	0 24	22 26	0 23	16 55	1 39	7 25	14 4	14 42	15 0	21 10	17 41	5 5					
M28	12 53	23 31	5 0	15 40	0 11	24 49	2 9	23 29	0 27	14 22	0 58	20 27	0 24	22 26	0 23	16 56	1 39	7 25	14 4	14 45	15 1	21 12	17 40	5 5					
T 29	13 13	26 24	4 45	16 16	0 18	24 59	2 12	23 30	0 30	14 26	0 58	20 27	0 24	22 26	0 23	16 56	1 39	7 24	14 4	14 49	15 2	21 14	17 40	5 5					
W30	13 32	27 23	4 10	16 50	0 25	25 8	2 14	23 31	0 32	14 30	0 58	20 26	0 24	22 26	0 23	16 57	1 39	7 24	14 4	14 51	15 3	21 16	17 39	5 6					
T 31	13s52	26s27	3s21	17s24	0s32	25s16	2s17	23n33	0n35	14s34	0n58	20n26	0s24	22n26	0n23	16s57	1n39	7n24	14s 4	14s53	15s 4	21n18	17n39	5s 6					



## ASTRODIENST EPHEMERIS for the year 2622

DECEMBER 2622

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 38 13	8♂13'46	27♂26	0♂16	24♂57	10°R 8	19♂1	25°R48	18°R 8	24♂32	5°R40	16♂30	17♂23	18♂53	15°R25	S 1
M 2	4 42 10	9°14'19	10♂8	1°17	26° 2	9♂54	19°14	25♂46	18♂6	24°34	5♂39	16°R30	17°19	18°59	15♂22	M 2
T 3	4 46 6	10°14'53	22°32	2°13	27° 6	9°40	19°26	25°43	18° 4	24°36	5°38	16°29	17°16	19° 6	15°18	T 3
W 4	4 50 3	11°15'29	4♂4	3° 6	28°11	9°25	19°39	25°40	18° 2	24°38	5°37	16°27	17°13	19°13	15°15	W 4
T 5	4 53 59	12°16'06	16°40	3°53	29°14	9° 9	19°52	25°37	18° 0	24°41	5°36	16°21	17°10	19°20	15°11	T 5
F 6	4 57 56	13°16'44	28°34	4°35	0♂18	8°52	20° 4	25°35	17°58	24°43	5°35	16°13	17° 7	19°26	15° 8	F 6
S 7	5 1 52	14°17'23	10♂25	5°11	1°21	8°35	20°17	25°31	17°56	24°45	5°34	16° 3	17° 4	19°33	15° 5	S 7
S 8	5 5 549	15°18'03	22°18	5°40	2°24	8°16	20°29	25°28	17°54	24°47	5°32	15°51	17° 0	19°40	15° 1	S 8
M 9	5 9 46	16°18'44	4♂12	6° 1	3°27	7°58	20°42	25°25	17°52	24°49	5°31	15°39	16°57	19°46	14°58	M 9
T 10	5 13 42	17°19'27	16°11	6°13	4°30	7°38	20°54	25°22	17°50	24°51	5°30	15°28	16°54	19°53	14°55	T 10
W 11	5 17 39	18°20'11	28°16	6°R16	5°32	7°19	21° 6	25°19	17°48	24°53	5°29	15°18	16°51	20° 0	14°51	W 11
T 12	5 21 35	19°20'57	10♂27	6° 9	6°33	6°58	21°19	25°15	17°46	24°56	5°28	15°10	16°48	20° 7	14°48	T 12
F 13	5 25 32	20°21'43	22°45	5°52	7°35	6°37	21°31	25°12	17°44	24°58	5°27	15° 5	16°45	20°13	14°45	F 13
S 14	5 29 28	21°22'31	5♂13	5°23	8°36	6°16	21°43	25° 8	17°41	25° 0	5°26	15° 2	16°41	20°20	14°41	S 14
S 15	5 33 25	22°23'20	17°53	4°43	9°36	5°54	21°55	25° 4	17°39	25° 2	5°25	15°D 1	16°38	20°27	14°38	S 15
M 16	5 37 21	23°24'10	0♂48	3°52	10°36	5°32	22° 8	25° 1	17°37	25° 4	5°24	15° 2	16°35	20°34	14°35	M 16
T 17	5 41 18	24°25'02	13°59	2°51	11°36	5° 9	22°20	24°57	17°35	25° 6	5°23	15° 3	16°32	20°40	14°31	T 17
W 18	5 45 15	25°25'55	27°31	1°42	12°35	4°47	22°32	24°53	17°32	25° 8	5°22	15°R 4	16°29	20°47	14°28	W 18
T 19	5 49 11	26°26'49	11♂25	0°25	13°34	4°24	22°44	24°49	17°30	25°10	5°21	15° 3	16°25	20°54	14°25	T 19
F 20	5 53 8	27°27'44	25°42	29♂4	14°33	4° 0	22°56	24°45	17°28	25°12	5°20	15° 0	16°22	21° 0	14°22	F 20
S 21	5 57 4	28°28'41	10♂18	27°41	15°30	3°37	23° 7	24°41	17°25	25°14	5°19	14°54	16°19	21° 7	14°18	S 21
S 22	6 1 1	29°29'39	25°11	26°19	16°28	3°14	23°19	24°36	17°23	25°16	5°17	14°48	16°16	21°14	14°15	S 22
M 23	6 4 57	0♂30'38	10♂12	25° 0	17°25	2°50	23°31	24°32	17°20	25°18	5°16	14°41	16°13	21°21	14°12	M 23
T 24	6 8 54	1°31'38	25°13	23°48	18°21	2°27	23°43	24°28	17°18	25°20	5°15	14°34	16°10	21°27	14° 9	T 24
W 25	6 12 50	2°32'39	10♂3	22°44	19°17	2° 3	23°54	24°23	17°15	25°21	5°14	14°28	16° 6	21°34	14° 6	W 25
T 26	6 16 47	3°33'41	24°34	21°50	20°12	1°40	24° 6	24°19	17°13	25°23	5°14	14°25	16° 3	21°41	14° 3	T 26
F 27	6 20 44	4°34'43	8♂42	21° 6	21° 7	0°17	24°17	24°15	17°10	25°25	5°13	14°D23	16° 0	21°47	13°59	F 27
S 28	6 24 40	5°35'45	22°22	20°33	22° 1	1°54	24°29	24°10	17° 8	25°27	5°12	14°23	15°57	21°54	13°56	S 28
S 29	6 28 37	6°36'48	5♂36	20°11	22°54	0°32	24°40	24° 5	17° 5	25°29	5°11	14°24	15°54	22° 1	13°53	S 29
M 30	6 32 33	7°37'51	18°25	20° 0	23°46	0°10	24°51	24° 1	17° 3	25°31	5°10	14°26	15°51	22° 8	13°50	M 30
T 31	6 36 30	8♂38'55	0♂54	19°D59	24♂38	29♂48	25♂2	23♂56	17♂0	25♂32	5♂9	14♂27	15♂47	22♂14	13♂47	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	21s36	11s25	0n58	25s53	2s32	23s56	2s54	25n 2	2n 4	16s30	0n57	20n33	0s22	22n32	0n24	17s14
M 2	21 46	5 51	2 2	25 50	2 29	23 43	2 54	25 7	2 7	16 34	0 57	20 33	0 22	22 32	0 24	17 15
T 3	21 55	0 13	2 59	25 45	2 25	23 29	2 53	25 11	2 10	16 37	0 57	20 34	0 22	22 32	0 24	17 15
W 4	22 3	5n19	3 47	25 40	2 20	23 16	2 52	25 15	2 14	16 40	0 57	20 35	0 22	22 32	0 24	17 16
T 5	22 11	10 35	4 24	25 33	2 14	23 1	2 50	25 19	2 17	16 44	0 57	20 35	0 22	22 33	0 24	17 16
F 6	22 19	15 25	4 49	25 24	2 8	22 46	2 49	25 23	2 20	16 47	0 57	20 36	0 22	22 33	0 24	17 17
S 7	22 26	19 40	5 1	25 15	2 0	22 31	2 48	25 27	2 23	16 50	0 57	20 36	0 22	22 33	0 24	17 17
S 8	22 33	23 8	5 1	25 5	1 51	22 15	2 46	25 32	2 26	16 54	0 57	20 37	0 22	22 34	0 24	17 18
M 9	22 40	25 37	4 48	24 53	1 40	21 59	2 44	25 36	2 29	16 57	0 57	20 38	0 22	22 34	0 24	17 18
T 10	22 45	26 59	4 21	24 41	1 28	21 42	2 42	25 40	2 32	17 0	0 57	20 38	0 22	22 34	0 24	17 19
W 11	22 51	27 4	3 43	24 28	1 15	21 25	2 40	25 44	2 34	17 3	0 57	20 39	0 22	22 34	0 24	17 19
T 12	22 56	25 51	2 54	24 13	1 0	21 7	2 38	25 48	2 37	17 6	0 57	20 40	0 22	22 35	0 24	17 20
F 13	23 1	23 22	1 56	23 58	0 44	20 49	2 35	25 51	2 40	17 10	0 57	20 40	0 21	22 35	0 24	17 20
S 14	23 5	19 45	0 52	23 42	0 27	20 30	2 32	25 55	2 43	17 13	0 57	20 41	0 21	22 35	0 24	17 21
S 15	23 9	15 11	0s15	23 25	0 9	20 11	2 30	25 59	2 45	17 16	0 57	20 42	0 21	22 36	0 24	17 21
M 16	23 12	9 51	1 24	23 7	0n11	19 52	2 27	26 2	2 48	17 19	0 57	20 43	0 21	22 36	0 24	17 22
T 17	23 15	3 59	2 29	22 49	0 31	19 33	2 23	26 6	2 50	17 22	0 57	20 43	0 21	22 36	0 24	17 22
W 18	23 17	2s12	3 28	22 30	0 51	19 13	2 20	26 9	2 53	17 25	0 57	20 44	0 21	22 37	0 24	17 22
T 19	23 19	8 26	4 17	22 10	1 11	18 52	2 16	26 12	2 55	17 28	0 57	20 45	0 21	22 37	0 24	17 23
F 20	23 20	14 25	4 51	21 51	1 30	18 32	2 12	26 15	2 57	17 31	0 58	20 46	0 21	22 37	0 24	17 23
S 21	23 21	19 43	5 7	21 32	1 48	18 11	2 8	26 18	3 0	17 34	0 58	20 47	0 21	22 38	0 24	17 24
S 22	23 22	23 54	5 3	21 14	2 5	17 49	2 4	26 21	3 2	17 37	0 58	20 48	0 21	22 38	0 24	17 24
M 23	23 22	26 29	4 38	20 57	2 19	17 28	2 0	26 23	3 4	17 40	0 58	20 48	0 21	22 38	0 24	17 25
T 24	23 21	27 11	3 54	20 42	2 31	17 6	1 55	26 26	3 6	17 42	0 58	20 49	0 21	22 39	0 24	17 25
W 25	23 20	25 53	2 55	20 29	2 41	16 44	1 50	26 28	3 7	17 45	0 58	20 50	0 20	22 39	0 24	17 26
T 26	23 19	22 52	1 45	20 19	2 48	16 22	1 45	26 30	3 9	17 48	0 58	20 51	0 20	22 39	0 24	17 26
F 27	23 17	18 31	0 31	20 11	2 53	15 59	1 40	26 32	3 11	17 51	0 58	20 52	0 20	22 40	0 24	17 26
S 28	23 15	13 20	0n43	20 6	2 56	15 37	1 34	26 34	3 12	17 53	0 58	20 53	0 20	22 40	0 24	17 27
S 29	23 12	7 41	1 53	20 3	2 57	15 14	1 29	26 35	3 14	17 56	0 58	20 54	0 20	22 40	0 24	17 27
M 30	23 8	1 53	2 55	20 3	2 56	14 51	1 23	26 37	3 15	17 59	0 58	20 54	0 20	22 41	0 24	17 28
T 31	23s 5	3n49	3n46	20s 6	2n54	14s28	1s16	26n38	3n17	18s 1	0n58	20n55	0s20	22n41	0n24	17s28

Julian Day Number = 2679059.5, Delta T = 21m43s

Ecliptic obliquity = 23°21'37", Nutation = 0°00'11"

Ayanamsha: Fagan/Bradley = 33°27'12", Lahiri = 32°34'12"

# ASTRODIENST EPHEMERIS for the year 2623

JANUARY 2623

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	6 40 26	9♂39'59	13♂ 5	20♂ 8	25♂29	29♂R27	25♂M13	23♂R51	16♂R58	25♂M34	5♂R 8	14♂R27	15♂44	22♂21	13♂R44	W 1
T 2	6 44 23	10♂41'03	25° 6	20°25	26°20	29♂II 6	25°24	23♂47	16♂55	25°36	5♂II 7	14♂26	15°41	22°28	13♂II41	T 2
F 3	6 48 19	11♂42'07	7♂ 0	20°50	27° 9	28°45	25°35	23°42	16°53	25°38	5° 6	14°23	15°38	22°35	13°39	F 3
S 4	6 52 16	12♂43'11	18°51	21°23	27°58	28°25	25°46	23°37	16°50	25°39	5° 5	14°19	15°35	22°41	13°36	S 4
S 5	6 56 13	13°44'16	0♂II44	22° 1	28°46	28° 6	25°57	23°32	16°47	25°41	5° 4	14°14	15°31	22°48	13°33	S 5
M 6	7 0 9	14°45'21	12°42	22°46	29°32	27°47	26° 8	23°27	16°45	25°42	5° 4	14° 9	15°28	22°55	13°30	M 6
T 7	7 4 6	15°46'26	24°47	23°36	0♂II18	27°29	26°18	23°23	16°42	25°44	5° 3	14° 3	15°25	23° 1	13°28	T 7
W 8	7 8 2	16°47'32	7♂ 1	24°30	1° 3	27°12	26°29	23°18	16°40	25°46	5° 2	13°59	15°22	23° 8	13°25	W 8
T 9	7 11 59	17°48'37	19°26	25°28	1°47	26°55	26°39	23°13	16°37	25°47	5° 1	13°55	15°19	23°15	13°22	T 9
F 10	7 15 55	18°49'43	2♂ 1	26°29	2°30	26°39	26°50	23° 8	16°35	25°49	5° 0	13°53	15°16	23°22	13°20	F 10
S 11	7 19 52	19°50'49	14°48	27°34	3°11	26°24	27° 0	23° 3	16°32	25°50	5° 0	13°D53	15°12	23°28	13°17	S 11
S 12	7 23 49	20°51'55	27°47	28°41	3°52	26° 9	27°10	22°58	16°29	25°52	4°59	13°53	15° 9	23°35	13°15	S 12
M13	7 27 45	21°53'01	10♂59	29°51	4°31	25°55	27°20	22°53	16°27	25°53	4°58	13°55	15° 6	23°42	13°12	M13
T 14	7 31 42	22°54'08	24°24	1♂ 4	5° 9	25°42	27°30	22°48	16°24	25°55	4°57	13°56	15° 3	23°48	13°10	T 14
W15	7 35 38	23°55'14	8♂ 3	2°18	5°45	25°30	27°40	22°43	16°22	25°56	4°57	13°58	15° 0	23°55	13° 8	W15
T 16	7 39 35	24°56'22	21°55	3°33	6°21	25°18	27°50	22°38	16°19	25°57	4°56	13°R58	14°57	24° 2	13° 5	T 16
F 17	7 43 31	25°57'29	6♂ 1	4°51	6°54	25° 8	27°59	22°33	16°17	25°59	4°55	13°58	14°53	24° 9	13° 3	F 17
S 18	7 47 28	26°58'37	20°20	6°10	7°27	24°58	28° 9	22°28	16°14	26° 0	4°55	13°57	14°50	24°15	13° 1	S 18
S 19	7 51 24	27°59'45	4♂47	7°30	7°57	24°49	28°18	22°23	16°12	26° 1	4°54	13°55	14°47	24°22	12°59	S 19
M20	7 55 21	29° 0'53	19°20	8°51	8°27	24°40	28°28	22°18	16° 9	26° 3	4°53	13°53	14°44	24°29	12°57	M20
T 21	7 59 18	0♂2'01	3♂53	10°13	8°54	24°33	28°37	22°14	16° 7	26° 4	4°53	13°51	14°41	24°36	12°55	T 21
W22	8 3 14	1° 3'09	18°19	11°36	9°20	24°26	28°46	22° 9	16° 4	26° 5	4°52	13°50	14°38	24°42	12°53	W22
T 23	8 7 11	2° 4'17	2♂32	13° 1	9°44	24°21	28°55	22° 4	16° 2	26° 6	4°52	13°49	14°34	24°49	12°51	T 23
F 24	8 11 7	3° 5'24	16°29	14°26	10° 6	24°16	29° 4	21°59	15°59	26° 7	4°51	13°D49	14°31	24°56	12°49	F 24
S 25	8 15 4	4° 6'31	0♂ 5	15°51	10°27	24°11	29°13	21°54	15°57	26° 9	4°51	13°49	14°28	25° 2	12°47	S 25
S 26	8 19 0	5° 7'37	13°19	17°18	10°45	24° 8	29°21	21°49	15°54	26°10	4°50	13°50	14°25	25° 9	12°46	S 26
M27	8 22 57	6° 8'43	26°11	18°45	11° 1	24° 6	29°30	21°45	15°52	26°11	4°50	13°51	14°22	25°16	12°44	M27
T 28	8 26 53	7° 9'48	8♂44	20°13	11°15	24° 4	29°38	21°40	15°50	26°12	4°49	13°51	14°18	25°23	12°42	T 28
W29	8 30 50	8°10'53	21° 0	21°42	11°27	24° 3	29°46	21°35	15°47	26°13	4°49	13°52	14°15	25°29	12°41	W29
T 30	8 34 47	9°11'56	3♂ 3	23°11	11°37	24°D 3	29°54	21°31	15°45	26°14	4°48	13°52	14°12	25°36	12°39	T 30
F 31	8 38 43	10♂21'59	14♂59	24♂41	11♂44	24♂II 3	0♂ 3	21♂26	15♂43	26♂M15	4♂II48	13°R52	14♂ 9	25♂43	12♂II38	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	23s 1	9n15	4n26	20s10	2n50	14s 5	1s10	26n39	3n18	18s 4	0n58	20n56	0s20	22n41	0n24	17s14
T 2	22 56	14 15	4 54	20 16	2 45	13 42	1 3	26 40	3 19	18 7	0 58	20 57	0 20	22 42	0 24	17 29
F 3	22 51	18 40	5 9	20 23	2 40	13 18	0 56	26 41	3 20	18 9	0 58	20 58	0 20	22 42	0 24	17 29
S 4	22 45	22 21	5 11	20 32	2 33	12 55	0 49	26 42	3 21	18 12	0 58	20 59	0 19	22 42	0 24	17 29
S 5	22 39	25 7	4 59	20 41	2 26	12 31	0 42	26 42	3 21	18 14	0 58	21 0	0 19	22 43	0 24	17 30
M 6	22 33	26 47	4 34	20 51	2 19	12 8	0 34	26 43	3 22	18 16	0 58	21 1	0 19	22 43	0 24	17 30
T 7	22 26	27 12	3 57	21 2	2 11	11 44	0 26	26 43	3 23	18 19	0 59	21 2	0 19	22 43	0 24	17 30
W 8	22 19	26 19	3 8	21 12	2 3	11 21	0 18	26 43	3 23	18 21	0 59	21 3	0 19	22 44	0 24	17 31
T 9	22 11	24 6	2 10	21 23	1 54	10 58	0 10	26 43	3 24	18 23	0 59	21 4	0 19	22 44	0 24	17 31
F 10	22 3 20	42 1	5 21	23 1	1 46	10 34	0 1	26 43	3 24	18 26	0 59	21 5	0 19	22 44	0 24	17 31
S 11	21 54	16 16	0s 5	21 43	1 37	10 11	0n 8	26 43	3 24	18 28	0 59	21 5	0 19	22 45	0 24	17 32
S 12	21 45	11 1	1 16	21 53	1 28	9 48	0 17	26 43	3 25	18 30	0 59	21 6	0 19	22 45	0 24	17 32
M13	21 35	5 12	2 24	22 2	1 19	9 25	0 26	26 42	3 25	18 32	0 59	21 7	0 19	22 45	0 24	17 32
T 14	21 25	0s55	3 25	22 11	1 10	9 2	0 36	26 42	3 25	18 35	0 59	21 8	0 18	22 46	0 24	17 33
W15	21 15	7 6	4 16	22 19	1 2	8 39	0 46	26 42	3 25	18 37	0 59	21 9	0 18	22 46	0 24	17 33
T 16	21 4 13	2 4	5 53	22 26	0 53	8 17	0 56	26 41	3 25	18 39	0 59	21 10	0 18	22 46	0 24	17 33
F 17	20 53	18 24	5 12	22 32	0 44	7 55	1 7	26 41	3 24	18 41	0 59	21 11	0 18	22 46	0 24	17 33
S 18	20 42	22 48	5 14	22 37	0 36	7 33	1 18	26 40	3 24	18 43	0 59	21 12	0 18	22 47	0 24	17 34
S 19	20 30	25 51	4 55	22 42	0 27	7 11	1 29	26 39	3 24	18 45	1 0	21 13	0 18	22 47	0 24	17 34
M20	20 17	27 13	4 17	22 45	0 19	6 50	1 40	26 39	3 24	18 47	1 0	21 14	0 18	22 47	0 24	17 34
T 21	20 5 26	41 3	23 22	47 0	11 6	6 29	1 52	26 38	3 23	18 49	1 0	21 15	0 18	22 48	0 24	17 34
W22	19 51	24 22	2 16	22 49	0 3	6 8	2 4	26 37	3 23	18 51	1 0	21 15	0 18	22 48	0 24	17 35
T 23	19 38	20 32	1 2	22 49	0s 5	5 48	2 16	26 37	3 22	18 53	1 0	21 16	0 17	22 48	0 24	17 35
F 24	19 24	15 37	0n15	22 48	0 13	5 28	2 28	26 36	3 22	18 54	1 0	21 17	0 17	22 49	0 24	17 35
S 25	19 10	10 1	1 29	22 46	0 20	5 9	2 41	26 35	3 21	18 56	1 0	21 18	0 17	22 49	0 24	17 35
S 26	18 55	4 8	2 36	22 42	0 28	4 50	2 54	26 34	3 21	18 58	1 0	21 19	0 17	22 49	0 24	17 35
M27	18 40	1n46	3 34	22 38	0 35	4 32	3 7	26 34	3 20	19 0	1 0	21 20	0 17	22 49	0 24	17 36
T 28	18 25	7 26	4 20	22 32	0 42	4 14	3 20	26 33	3 19	19 1	1 0	21 21	0 17	22 50	0 24	17 36
W29	18 10	12 41	4 52	22 25	0 48	3 57	3 34	26 32	3 19	19 3	1 1	21 22	0 17	22 50	0 24	17 36
T 30	17 54	17 22	5 11	22 17	0 55	3 41	3 47	26 31	3 18	19 5	1 1	21 22	0 17	22 50	0 24	17 36
F 31	17s37	21n19	5n17	22s 7	1s 1	3s25	4n 1	26n31	3n17	19s 6	1n 1	21n23	0s17	22n51	0n24	17s36

Julian Day Number = 2679090.5, Delta T = 21m43s  
 Ecliptic obliquity = 23°21'36, Nutation = 0°00'12  
 Ayanamsha: Fagan/Bradley = 33°27'16, Lahiri = 32°34'16

## ASTRODIENST EPHEMERIS for the year 2623

FEBRUARY 2623

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 42 40	11°14'01	26°51	26°31	11°49	24°11	5	0°10	21°R22	15°R40	26°15	4°R48	13°R52	14° 6	25°49	12°R37 S 1
S 2	8 46 36	12°15'02	8°11	27°43	11°52	24° 7		0°18	21°17	15°38	26°16	4°11	13°52	14° 3	25°56	12°11 S 2
M 3	8 50 33	13°16'02	20°44	29°15	11°R52	24°10		0°26	21°13	15°36	26°17	4°47	13°52	13°59	26° 3	12°34 M 3
T 4	8 54 29	14°17'01	2°53	0°47	11°50	24°13		0°33	21° 8	15°34	26°18	4°47	13°D52	13°56	26°10	12°33 T 4
W 5	8 58 26	15°17'59	15°14	2°20	11°45	24°18		0°41	21° 4	15°32	26°19	4°46	13°52	13°53	26°16	12°32 W 5
T 6	9 2 22	16°18'57	27°51	3°54	11°37	24°23		0°48	21° 0	15°29	26°19	4°46	13°52	13°50	26°23	12°31 T 6
F 7	9 6 19	17°19'53	10°44	5°28	11°27	24°28		0°55	20°56	15°27	26°20	4°46	13°R52	13°47	26°30	12°30 F 7
S 8	9 10 16	18°20'49	23°53	7° 3	11°15	24°35		1° 2	20°52	15°25	26°21	4°46	13°52	13°43	26°37	12°29 S 8
S 9	9 14 12	19°21'43	7°17	8°38	11° 0	24°42		1° 9	20°48	15°23	26°21	4°45	13°52	13°40	26°43	12°29 S 9
M10	9 18 9	20°22'37	20°56	10°14	10°42	24°49		1°15	20°44	15°21	26°22	4°45	13°51	13°37	26°50	12°28 M10
T11	9 22 5	21°23'30	4°46	11°51	10°22	24°58		1°22	20°40	15°19	26°23	4°45	13°50	13°34	26°57	12°27 T11
W12	9 26 2	22°24'22	18°45	13°29	10° 0	25° 7		1°28	20°36	15°17	26°23	4°45	13°49	13°31	27° 3	12°27 W12
T13	9 29 58	23°25'13	2°11	15° 7	9°36	25°16		1°34	20°32	15°15	26°24	4°45	13°48	13°28	27°10	12°26 T13
F14	9 33 55	24°26'04	17° 1	16°46	9° 9	25°26		1°40	20°28	15°14	26°24	4°45	13°48	13°24	27°17	12°26 F14
S15	9 37 51	25°26'54	1°12	18°26	8°41	25°37		1°46	20°25	15°12	26°24	4°45	13°D48	13°21	27°24	12°25 S15
S16	9 41 48	26°27'44	15°23	20° 6	8°11	25°48		1°52	20°21	15°10	26°25	4°45	13°48	13°18	27°30	12°25 S16
M17	9 45 45	27°28'32	29°31	21°48	7°39	26° 0		1°58	20°18	15° 8	26°25	4°45	13°49	13°15	27°37	12°25 M17
T18	9 49 41	28°29'20	13°35	23°30	7° 6	26°13		2° 3	20°14	15° 7	26°26	4°D45	13°51	13°12	27°44	12°25 T18
W19	9 53 38	29°30'06	27°30	25°13	6°31	26°26		2° 8	20°11	15° 5	26°26	4°45	13°52	13° 9	27°50	12°25 W19
T20	9 57 34	0°30'52	11°16	26°56	5°55	26°39		2°13	20° 8	15° 3	26°26	4°45	13°R52	13° 5	27°57	12°D25 T20
F21	10 1 31	1°31'36	24°50	28°41	5°19	26°53		2°18	20° 5	15° 2	26°26	4°45	13°52	13° 2	28° 4	12°25 F21
S22	10 5 27	2°32'19	8°11	9	0°11	27° 8		2°23	20° 2	15° 0	26°27	4°45	13°51	12°59	28°11	12°25 S22
S23	10 9 24	3°33'01	21°12	2°12	4° 5	27°23		2°28	19°59	14°59	26°27	4°45	13°48	12°56	28°17	12°25 S23
M24	10 13 20	4°33'41	3°19	3°59	3°28	27°38		2°32	19°56	14°57	26°27	4°45	13°45	12°53	28°24	12°25 M24
T25	10 17 17	5°34'20	16°29	5°47	2°51	27°54		2°36	19°53	14°56	26°27	4°45	13°41	12°49	28°31	12°25 T25
W26	10 21 14	6°34'57	28°46	7°35	2°14	28°11		2°40	19°51	14°55	26°27	4°45	13°38	12°46	28°37	12°26 W26
T27	10 25 10	7°35'32	10°50	9°24	1°38	28°27		2°44	19°48	14°53	26°R27	4°45	13°35	12°43	28°44	12°26 T27
F28	10 29 7	8°36'06	22°46	11°14	1°11	28°45		2°48	19°46	14°52	26°11	4°11	13°32	12°40	28°51	12°25 F28

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17s21	24n24	5n 9	21s57	1s 7	3s10	4n15	26n30	3n16	19s 8	1n 1	21n24	0s16	22n51	0n24	17s36	1n41	7n20	13s54	16s37	16s33	24n 2	17n 8	5s 8	5s 8	5s 8	5s 8
S 2	17 4	26 25	4 48	21 45	1 13	2 56	4 29	26 29	3 16	19 9	1 1	21 25	0 16	22 51	0 24	17 37	1 41	7 21	13 54	16 37	16 34	24 4	17 8	5 8	5 8	5 8	
M 3	16 47	27 16	4 14	21 31	1 19	2 43	4 43	26 28	3 15	19 11	1 1	21 26	0 16	22 51	0 24	17 37	1 41	7 21	13 53	16 37	16 35	24 5	17 8	5 8	5 8	5 8	
T 4	16 29	26 48	3 28	21 17	1 24	2 31	4 58	26 28	3 14	19 12	1 1	21 26	0 16	22 52	0 24	17 37	1 42	7 21	13 53	16 37	16 35	24 7	17 8	5 8	5 8	5 8	
W 5	16 12	25 1	2 32	21 1	1 29	2 19	5 12	26 27	3 13	19 14	1 1	21 27	0 16	22 52	0 24	17 37	1 42	7 21	13 53	16 37	16 36	24 8	17 8	5 7	5 7	5 7	
T 6	15 54	21 57	1 28	20 44	1 34	2 9	5 26	26 26	3 12	19 15	1 1	21 28	0 16	22 52	0 24	17 37	1 42	7 22	13 52	16 37	16 37	24 10	17 9	5 7	5 7	5 7	
F 7	15 35	17 46	0 17	20 26	1 38	2 0	5 40	26 26	3 11	19 16	1 2	21 29	0 16	22 52	0 24	17 37	1 42	7 22	13 52	16 37	16 38	24 11	17 9	5 7	5 7	5 7	
S 8	15 17	12 39	0s55	20 6	1 42	1 51	5 54	26 25	3 10	19 18	1 2	21 29	0 16	22 52	0 24	17 37	1 42	7 22	13 52	16 37	16 39	24 13	17 9	5 7	5 7	5 7	
S 9	14 58	6 51	2 6	19 45	1 46	1 44	6 8	26 24	3 9	19 19	1 2	21 30	0 15	22 53	0 24	17 37	1 42	7 22	13 51	16 37	16 40	24 14	17 9	5 6	5 6	5 6	
M10	14 39	0 39	3 11	19 23	1 50	1 38	6 22	26 24	3 8	19 20	1 2	21 31	0 15	22 53	0 24	17 37	1 42	7 23	13 51	16 37	16 41	24 15	17 9	5 6	5 6	5 6	
T11	14 20	5s39	4 6	18 59	1 53	1 33	6 35	26 23	3 7	19 21	1 2	21 32	0 15	22 53	0 24	17 38	1 42	7 23	13 51	16 37	16 42	24 17	17 9	5 6	5 6	5 6	
W12	14 0	11 45	4 47	18 34	1 56	1 29	6 48	26 22	3 6	19 22	1 2	21 32	0 15	22 53	0 24	17 38	1 42	7 23	13 51	16 37	16 43	24 18	17 10	5 6	5 6	5 6	
T13	13 40	17 17	5 11	18 8	1 58	1 26	7 1	26 22	3 5	19 23	1 2	21 33	0 15	22 54	0 24	17 38	1 42	7 24	13 50	16 38	16 44	24 20	17 10	5 5	5 5	5 5	
F14	13 20	21 54	5 16	17 41	2 1	1 25	7 13	26 21	3 4	19 25	1 2	21 34	0 15	22 54	0 24	17 38	1 42	7 24	13 50	16 38	16 45	24 21	17 10	5 5	5 5	5 5	
S15	13 0	25 16	5 2	17 12	2 3	1 25	7 24	26 21	3 3	19 26	1 2	21 34	0 15	22 54	0 24	17 38	1 42	7 24	13 50	16 38	16 45	24 22	17 10	5 5	5 5	5 5	
S16	12 39	27 2	4 30	16 42	2 4	1 26	7 35	26 20	3 2	19 27	1 3	21 35	0 15	22 54	0 24	17 38	1 42	7 24	13 49	16 38	16 46	24 24	17 10	5 5	5 5	5 5	
M17	12 19	27 3	3 41	16 10	2 5	1 28	7 45	26 19	3 1	19 28	1 3	21 36	0 14	22 54	0 24	17 38	1 42	7 25	13 49	16 37	16 47	24 25	17 11	5 4	5 4	5 4	
T18	11 58	25 19	2 40	15 38	2 6	1 31	7 55	26 19	3 0	19 29	1 3	21 36	0 14	22 55	0 24	17 38	1 42	7 25	13 49	16 37	16 48	24 26	17 11	5 4	5 4	5 4	
W19	11 37	22 3	1 29	15 4	2 6	1 35	8 4	26 18	2 59	19 29	1 3	21 37	0 14	22 55	0 24	17 38	1 42	7 25	13 48	16 37	16 49	24 28	17 11	5 4	5 4	5 4	
T20	11 15	17 34	0 14	14 28	2 6	1 40	8 12	26 17	2 58	19 30	1 3	21 37	0 14	22 55	0 24	17 38	1 42	7 26	13 48	16 37	16 50	24 29	17 11	5 4	5 4	5 4	
F21	10 54	12 15	1n 0	13 52	2 6	1 47	8 19	26 17	2 57	19 31	1 3	21 38	0 14	22 55	0 24	17 38	1 43	7 26	13 48	16 37	16 51	24 30	17 12	5 3	5 3	5 3	
S22	10 32	6 29	2 10	13 14	2 5	1 54	8 25	26 16	2 56	19 32	1 3	21 39	0 14	22 55	0 24	17 38	1 43	7 26	13 47	16 37	16 52	24 32	17 12	5 3	5 3	5 3	
S23	10 10	0 33	3 11	12 35	2 3	2 2	8 30	26 15	2 55	19 33	1 4	21 39	0 14	22 55	0 24	17 38	1 43	7 27	13 47	16 38	16 53	24 33	17 12	5 3	5 3	5 3	
M24	9 48	5n17	4 2	11 54	2 2	2 12	8 35	26 14	2 54	19 33	1 4	21 40	0 14	22 56	0 24	17 38	1 43	7 27	13 47	16 39	16 54	24 34	17 13	5 2	5 2	5 2	
T25	9 26	10 46	4 40	11 13	1 59	2 21	8 38	26 14	2 53	19 34	1 4	21 40	0 13	22 56	0 24	17 38	1 43	7 27	13 46	16 40	16 54	24 36	17 13	5 2	5 2	5 2	
W26	9 4	15 43	5 4	10 30	1 56	2 32	8 40	26 13	2 52	19 35	1 4	21 41	0 13	22 56	0 24	17 38	1 43	7 28	13 46	16 41	16 55	24 37	17 13	5 2	5 2	5 2	
T27	8 42	19 59	5 14	9 46	1 53	2 43	8 42	26 12	2 51	19 35	1 4	21 41	0 13	22 56	0 24	17 38	1 43	7 28	13 46	16 42	16 56	24 38	17 14	5 2	5 2	5 2	
F28	8s19	23n24	5n10	9s 1	1s49	2s55	8n42	26n11	2n50	19s36	1n 4	21n42	0s13	22n56	0n24	17s38	1n43	7n28	13s45	16s42	16s57	24n39	17n14	5s 1	5s 1	5s 1	

Julian Day Number = 2679121.5, Delta T = 21m44s

Ecliptic obliquity = 23°21'36", Nutation = 0°00'13"

Ayanamsha: Fagan/Bradley = 33°27'20", Lahiri = 32°34'20"

## ASTRODIENST EPHEMERIS for the year 2623

MARCH 2623

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 33 3	9 <sup>h</sup> 36'38	4 <sup>h</sup> 38	13 <sup>h</sup> 5	0°R30	29 <sup>h</sup> 3	2 <sup>h</sup> 52	19°R44	14°R51	26°R27	4 <sup>h</sup> 46	13°D31	12 <sup>h</sup> 37	28 <sup>h</sup> 58	12 <sup>h</sup> 28	S 1
S 2	10 37 0	10°37'09	16°31	14°56	29 <sup>h</sup> 57	29°21	2°55	19°41	14°50	26 <sup>h</sup> 27	4°46	13°31	12°34	29° 4	12°28	S 2
M 3	10 40 56	11°37'37	28°30	16°48	29°26	29°39	2°58	19°39	14°49	26°27	4°46	13°32	12°30	29°11	12°29	M 3
T 4	10 44 53	12°38'04	10 <sup>h</sup> 38	18°40	28°57	29°58	3° 1	19°37	14°48	26°27	4°47	13°34	12°27	29°18	12°30	T 4
W 5	10 48 49	13°38'29	23° 2	20°33	28°30	0 <sup>h</sup> 518	3° 4	19°35	14°47	26°26	4°47	13°36	12°24	29°24	12°31	W 5
T 6	10 52 46	14°38'53	5 <sup>h</sup> 44	22°26	28° 5	0°37	3° 7	19°34	14°46	26°26	4°47	13°37	12°21	29°31	12°32	T 6
F 7	10 56 43	15°39'14	18°48	24°19	27°42	0°58	3° 9	19°32	14°45	26°26	4°48	13°R37	12°18	29°38	12°33	F 7
S 8	11 0 39	16°39'34	2 <sup>h</sup> 14	26°11	27°22	1°18	3°12	19°30	14°44	26°26	4°48	13°36	12°15	29°45	12°34	S 8
S 9	11 4 36	17°39'51	16° 1	28° 4	27° 3	1°39	3°14	19°29	14°43	26°25	4°48	13°33	12°11	29°51	12°35	S 9
M10	11 8 32	18°40'08	0 <sup>h</sup> 8	29°55	26°48	2° 0	3°16	19°27	14°42	26°25	4°49	13°28	12° 8	29°58	12°36	M10
T 11	11 12 29	19°40'22	14°28	1°46	26°34	2°22	3°18	19°26	14°42	26°25	4°49	13°23	12° 5	0 <sup>h</sup> 11	12°38	T 11
W12	11 16 25	20°40'35	28°57	3°35	26°23	2°43	3°19	19°25	14°41	26°24	4°50	13°17	12° 2	0°11	12°39	W12
T 13	11 20 22	21°40'46	13 <sup>h</sup> 27	5°23	26°15	3° 5	3°21	19°24	14°40	26°24	4°50	13°12	11°59	0°18	12°40	T 13
F 14	11 24 18	22°40'57	20°54	7° 8	26° 9	3°28	3°22	19°23	14°40	26°23	4°51	13° 8	11°55	0°25	12°42	F 14
S 15	11 28 15	23°41'05	12 <sup>h</sup> 13	8°51	26° 5	3°51	3°23	19°22	14°39	26°23	4°51	13° 5	11°52	0°32	12°43	S 15
S 16	11 32 12	24°41'12	26°21	10°31	26°D 4	4°14	3°24	19°21	14°39	26°22	4°52	13°D 5	11°49	0°38	12°45	S 16
M17	11 36 8	25°41'18	10 <sup>h</sup> 17	12° 7	26° 6	4°37	3°24	19°21	14°39	26°22	4°52	13° 5	11°46	0°45	12°47	M17
T 18	11 40 5	26°41'22	24° 1	13°38	26°10	5° 1	3°25	19°20	14°38	26°21	4°53	13° 7	11°43	0°52	12°49	T 18
W19	11 44 1	27°41'25	7 <sup>h</sup> 32	15° 5	26°16	5°24	3°25	19°20	14°38	26°20	4°54	13°R 8	11°40	0°59	12°50	W19
T 20	11 47 58	28°41'26	20°52	16°27	26°24	5°49	3°R25	19°20	14°38	26°20	4°54	13° 8	11°36	1° 5	12°52	T 20
F 21	11 51 54	29°41'25	4 <sup>h</sup> 0	17°43	26°35	6°13	3°25	19°20	14°38	26°19	4°55	13° 5	11°33	1°12	12°54	F 21
S 22	11 55 51	0°41'22	16°57	18°52	26°48	6°38	3°25	19°D20	14°37	26°18	4°55	13° 1	11°30	1°19	12°56	S 22
S 23	11 59 47	1°41'18	29°42	19°55	27° 2	7° 3	3°24	19°20	14°37	26°17	4°56	12°54	11°27	1°25	12°58	S 23
M24	12 3 44	2°41'12	12°15	20°50	27°19	7°28	3°24	19°20	14°D37	26°17	4°57	12°46	11°24	1°32	13° 1	M24
T 25	12 7 41	3°41'03	24°37	21°38	27°38	7°53	3°23	19°20	14°37	26°16	4°58	12°36	11°21	1°39	13° 3	T 25
W26	12 11 37	4°40'53	6 <sup>h</sup> 48	22°17	27°59	8°19	3°22	19°21	14°38	26°15	4°58	12°26	11°17	1°46	13° 5	W26
T 27	12 15 34	5°40'41	18°50	22°49	28°21	8°45	3°21	19°21	14°38	26°14	4°59	12°17	11°14	1°52	13° 7	T 27
F 28	12 19 30	6°40'27	0 <sup>h</sup> 45	23°13	28°45	9°11	3°19	19°22	14°38	26°13	5° 0	12° 9	11°11	1°59	13°10	F 28
S 29	12 23 27	7°40'10	12°36	23°28	29°11	9°37	3°18	19°22	14°38	26°12	5° 1	12° 3	11° 8	2° 6	13°12	S 29
S 30	12 27 23	8°39'52	24°27	23°R34	29°39	10° 4	3°16	19°23	14°38	26°11	5° 1	12° 0	11° 5	2°12	13°15	S 30
M31	12 31 20	9°43'31	6 <sup>h</sup> 23	23°Y33	0°48	10°530	3°14	19°24	14°39	26°10	5°11	11°D59	11°58	2°19	13°17	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	7s56	25n48	4n53	8s14	1s45	3s 7	8n41	26n10	2n49	19s37	1n 4	21n42	0s13	22n56	0n24	17s38	1n43	7n29	13s45	16s43	16s58	24n41	17n14	5s 1			
S 2	7 34	27 3	4 24	7 27	1 40	3 19	8 40	26 9	2 48	19 37	1 4	21 43	0 13	22 56	0 24	17 37	1 43	7 29	13 45	16 43	16 59	24 42	17 15	5 1			
M 3	7 11	27 4	3 42	6 38	1 34	3 32	8 38	26 9	2 47	19 38	1 5	21 43	0 13	22 56	0 24	17 37	1 43	7 29	13 45	16 42	17 0	24 43	17 15	5 1			
T 4	6 48	25 46	2 51	5 49	1 28	3 45	8 34	26 8	2 46	19 38	1 5	21 43	0 13	22 57	0 24	17 37	1 43	7 30	13 44	16 42	17 1	24 44	17 15	5 0			
W 5	6 25	23 13	1 50	4 59	1 21	3 58	8 30	26 7	2 45	19 38	1 5	21 44	0 12	22 57	0 24	17 37	1 43	7 30	13 44	16 41	17 2	24 46	17 16	5 0			
T 6	6 2	19 28	0 43	4 7	1 14	4 11	8 25	26 5	2 44	19 39	1 5	21 44	0 12	22 57	0 24	17 37	1 43	7 30	13 44	16 41	17 2	24 47	17 16	5 0			
F 7	5 38	14 42	0s28	3 15	1 6	4 24	8 20	26 4	2 43	19 39	1 5	21 45	0 12	22 57	0 24	17 37	1 43	7 31	13 43	16 41	17 3	24 48	17 16	4 59			
S 8	5 15	9 5	1 40	2 23	0 57	4 36	8 14	26 3	2 42	19 39	1 5	21 45	0 12	22 57	0 24	17 37	1 43	7 31	13 43	16 41	17 4	24 49	17 17	4 59			
S 9	4 52	2 55	2 47	1 30	0 48	4 49	8 7	26 2	2 41	19 40	1 5	21 45	0 12	22 57	0 24	17 37	1 43	7 32	13 43	16 42	17 5	24 50	17 17	4 59			
M10	4 28	3s31	3 46	0 37	0 38	5 1	7 59	26 1	2 40	19 40	1 6	21 46	0 12	22 57	0 24	17 37	1 43	7 32	13 42	16 43	17 6	24 52	17 18	4 59			
T 11	4 5	9 52	4 32	0n17	0 27	5 13	7 52	25 59	2 39	19 40	1 6	21 46	0 12	22 57	0 24	17 36	1 44	7 32	13 42	16 45	17 7	24 53	17 18	4 58			
W12	3 41	15 45	5 1	1 10	0 16	5 24	7 43	25 58	2 38	19 40	1 6	21 46	0 12	22 57	0 24	17 36	1 44	7 33	13 42	16 47	17 8	24 54	17 19	4 58			
T 13	3 17	20 45	5 10	2 3	0 5	5 35	7 34	25 56	2 37	19 40	1 6	21 46	0 12	22 57	0 24	17 36	1 44	7 33	13 41	16 48	17 9	24 55	17 19	4 58			
F 14	2 54	24 30	5 0	2 56	0n 7	5 46	7 25	25 55	2 36	19 41	1 6	21 47	0 11	22 57	0 24	17 36	1 44	7 33	13 41	16 49	17 10	24 56	17 19	4 58			
S 15	2 30	26 40	4 31	3 48	0 19	5 56	7 16	25 53	2 35	19 41	1 6	21 47	0 11	22 57	0 24	17 36	1 44	7 34	13 41	16 50	17 10	24 58	17 20	4 57			
S 16	2 6	27 5	3 46	4 39	0 32	6 5	7 6	25 51	2 34	19 41	1 6	21 47	0 11	22 57	0 24	17 36	1 44	7 34	13 41	16 50	17 11	24 59	17 20	4 57			
M17	1 43	25 46	2 48	5 28	0 45	6 14	6 56	25 50	2 33	19 41	1 7	21 47	0 11	22 57	0 24	17 35	1 44	7 35	13 40	16 50	17 12	25 0	17 21	4 57			
T 18	1 19	22 54	1 42	6 16	0 59	6 23	6 46	25 48	2 32	19 41	1 7	21 47	0 11	22 57	0 24	17 35	1 44	7 35	13 40	16 50	17 13	25 1	17 21	4 57			
W19	0 55	18 49	0 30	7 2	1 12	6 30	6 36	25 46	2 31	19 41	1 7	21 48	0 11	22 57	0 24	17 35	1 44	7 35	13 40	16 49	17 14	25 2	17 22	4 56			
T 20	0 31	13 50	0n42	7 46	1 26	6 38	6 25	25 44	2 30	19 40	1 7	21 48	0 11	22 57	0 24	17 35	1 44	7 36	13 39	16 49	17 15	25 3	17 22	4 56			
F 21	0 7	8 18	1 50	8 27	1 39	6 44	6 15	25 42	2 29	19 40	1 7	21 48	0 11	22 57	0 24	17 35	1 44	7 36	13 39	16 50	17 16	25 4	17 23	4 56			
S 22	0n16	2 30	2 52	9 6	1 52	6 50	6 4	25 40	2 28	19 40	1 7	21 48	0 10	22 57	0 24	17 34	1 44	7 37	13 39	16 51	17 17	25 5	17 23	4 56			
S 23	0 40	3n18	3 44	9 41	2 5	6 55	5 53	25 37	2 27	19 40	1 7	21 48	0 10	22 57	0 24	17 34	1 44	7 37	13 39	16 53	17 18	25 6	17 24	4 55			
M24	1 4	8 53	4 24	10 13	2 17	6 59	5 43	25 35	2 26	19 40	1 7	21 48	0 10	22 57	0 24	17 34	1 44	7 37	13 38	16 55	17 18	25 7	17 24	4 55			
T 25	1 28	14 1	4 51	10 42	2 29	7 3	5 32	25 33	2 25	19 39	1 8	21 48	0 10	22 57	0 24	17 34	1 44	7 38	13 38	16 58	17 19	25 8	17 25	4 55			
W26	1 51	18 32	5 4	11 7	2 40	7 6	5 21	25 30	2 24	19 39	1 8	21 48	0 10	22 57	0 24	17 34	1 44	7 38	13 38	17 1	17 20	25 10	17 25	4 55			
T 27	2 15	22 14	5 4	11 28	2 50	7 9	5 10	25 28	2 24	19 39	1 8	21 48	0 10	22 57	0 24	17 33	1 44	7 38	13 37	17 4	17 21	25 11	17 26	4 54			
F 28	2 38	24 58	4 50	11 46	2 59	7 11	5 0	25 25	2 23	19 38	1 8	21 48	0 10	22 57	0 24	17 33	1 44	7 39	13 37	17 6	17 22	25 12	17 26	4 54			
S 29	3 2	26 35	4 24	11 58	3 7	7 12	4 49	25 22	2 22	19 38	1 8	21 48	0 10	22 57	0 24	17 33	1 44	7 39	13 37	17 7	17 23	25 13	17 27	4 54			
S 30	3 25	27 1	3 46	12 7	3 13	7 12	4 39	25 19	2 21	19 37	1 8	21 48	0 9	22 57	0 24	17 33	1 44	7 40	13 37	17 8	17 23	25 14	17 27	4 54			
M31	3n49	26n11	2n59	12n11	3n19	7s12	4n28	25n16	2n20	19s37	1n 8	21n48	0s 9	22n57	0n24	17s32	1n45	7n40	13s36	17s 9	17s24	25n15	17n28	4s53			

# ASTRODIENST EPHEMERIS for the year 2623

APRIL 2623

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 35 16	10°39'08"	18°29'	23°R23	0°39'	10°57'	3°R12	19°25'	14°39'	26°R 9	5°II 3	11°59'	10°58'	2°II26	13°II20	T 1
W 2	12 39 13	11°38'42"	0°50'	23°Y 6	1°11'	11°25'	3°R 9	19°27'	14°40'	26°R 8	5° 4	12° 0	10°55'	2°33'	13°23'	W 2
T 3	12 43 10	12°38'15"	13°31'	22°42'	1°45'	11°52'	3° 7	19°28'	14°40'	26° 7	5° 5	12°R 0	10°52'	2°39'	13°25'	T 3
F 4	12 47 6	13°37'45"	26°37'	22°12'	2°19'	12°19'	3° 4	19°29'	14°41'	26° 6	5° 6	11°59'	10°49'	2°46'	13°28'	F 4
S 5	12 51 3	14°37'13"	10°9'	21°35'	2°56'	12°47'	3° 1	19°31'	14°42'	26° 5	5° 7	11°56'	10°46'	2°53'	13°31'	S 5
S 6	12 54 59	15°36'38"	24° 9'	20°54'	3°33'	13°15'	2°58'	19°32'	14°42'	26° 4	5° 7	11°50'	10°42'	2°59'	13°34'	S 6
M 7	12 58 56	16°36'02"	8°33'	20° 9'	4°12'	13°43'	2°55'	19°34'	14°43'	26° 3	5° 8	11°42'	10°39'	3° 6	13°37'	M 7
T 8	13 2 52	17°35'23"	23°18'	19°21'	4°51'	14°11'	2°52'	19°36'	14°44'	26° 2	5° 9	11°32'	10°36'	3°13'	13°40'	T 8
W 9	13 6 49	18°34'43"	8°13'	18°31'	5°32'	14°40'	2°48'	19°38'	14°45'	26° 1	5°10'	11°22'	10°33'	3°19'	13°43'	W 9
T 10	13 10 45	19°34'01"	23°11'	17°40'	6°14'	15° 8'	2°44'	19°40'	14°45'	25°59'	5°11'	11°12'	10°30'	3°26'	13°46'	T 10
F 11	13 14 42	20°33'17"	8°2'	16°50'	6°57'	15°37'	2°40'	19°42'	14°46'	25°58'	5°12'	11° 5'	10°26'	3°33'	13°49'	F 11
S 12	13 18 38	21°32'31"	22°38'	16° 0'	7°41'	16° 6'	2°36'	19°44'	14°47'	25°57'	5°13'	10°59'	10°23'	3°40'	13°52'	S 12
S 13	13 22 35	22°31'44"	6°57'	15°13'	8°26'	16°35'	2°32'	19°47'	14°49'	25°56'	5°14'	10°56'	10°20'	3°46'	13°55'	S 13
M14	13 26 32	23°30'55"	20°54'	14°28'	9°12'	17° 4'	2°28'	19°49'	14°50'	25°54'	5°15'	10°D55'	10°17'	3°53'	13°59'	M14
T 15	13 30 28	24°30'04"	4°32'	13°47'	9°59'	17°33'	2°23'	19°52'	14°51'	25°53'	5°16'	10°R56'	10°14'	4° 0'	14° 2'	T 15
W16	13 34 25	25°29'11"	17°51'	13°10'	10°47'	18° 3'	2°19'	19°55'	14°52'	25°52'	5°18'	10°55'	10°11'	4° 6'	14° 5'	W16
T 17	13 38 21	26°28'17"	0°34'	12°38'	11°35'	18°32'	2°14'	19°57'	14°53'	25°50'	5°19'	10°54'	10° 7'	4°13'	14° 9'	T 17
F 18	13 42 18	27°27'20"	13°43'	12°11'	12°24'	19° 2'	2° 9'	20° 0'	14°55'	25°49'	5°20'	10°50'	10° 4'	4°20'	14°12'	F 18
S 19	13 46 14	28°26'22"	26°21'	11°49'	13°14'	19°32'	2° 4'	20° 3'	14°56'	25°48'	5°21'	10°43'	10° 1'	4°27'	14°16'	S 19
S 20	13 50 11	29°25'22"	8°48'	11°32'	14° 5'	20° 2'	1°58'	20° 6'	14°57'	25°46'	5°22'	10°34'	9°58'	4°33'	14°19'	S 20
M21	13 54 7	0°24'21"	21° 6'	11°20'	14°56'	20°32'	1°53'	20° 9'	14°59'	25°45'	5°23'	10°22'	9°55'	4°40'	14°23'	M21
T 22	13 58 4	1°23'17"	3°17'	11°15'	15°48'	21° 3'	1°47'	20°13'	15° 0'	25°43'	5°24'	10° 8'	9°52'	4°47'	14°27'	T 22
W23	14 2 1	2°22'11"	15°20'	11°D14	16°40'	21°33'	1°41'	20°16'	15° 2'	25°42'	5°25'	9°54'	9°48'	4°53'	14°30'	W23
T 24	14 5 57	3°21'04"	27°17'	11°19'	17°34'	22° 3'	1°36'	20°20'	15° 3'	25°40'	5°26'	9°40'	9°45'	5° 0'	14°34'	T 24
F 25	14 9 54	4°19'54"	9°II 9	11°28'	18°27'	22°34'	1°30'	20°23'	15° 5'	25°39'	5°28'	9°29'	9°42'	5° 7'	14°38'	F 25
S 26	14 13 50	5°18'42"	20°58'	11°43'	19°22'	23° 5'	1°24'	20°27'	15° 7'	25°37'	5°29'	9°20'	9°39'	5°14'	14°42'	S 26
S 27	14 17 47	6°17'29"	2°48'	12° 3'	20°16'	23°36'	1°17'	20°31'	15° 9'	25°36'	5°30'	9°13'	9°36'	5°20'	14°45'	S 27
M28	14 21 43	7°16'13"	14°43'	12°27'	21°12'	24° 7'	1°11'	20°34'	15°10'	25°34'	5°31'	9°10'	9°32'	5°27'	14°49'	M28
T 29	14 25 40	8°14'55"	26°47'	12°55'	22° 8'	24°38'	1° 5'	20°38'	15°12'	25°33'	5°32'	9° 8'	9°29'	5°34'	14°53'	T 29
W30	14 29 36	9°13'34"	9°II 5	13°Y28	23°II 4	25°57'	0°58'	20°34'	15°14'	25°31'	5°II34	9°8'	9°26'	5°II40	14°II57	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
T 1	4n12	24n 7	2n 2	12n11	3n22	7s11	4n18	25n13	2n19	19s36	1n 8	21n48	0s 9	22n57	0n24	T 1
W 2	4 35	20 52	0 59	12 7	3 24	7 10	4 7	25 10	2 18	19 36	1 9	21 48	0 9	22 57	0 24	W 2
T 3	4 59	16 35	0s 8	11 58	3 25	7 7	3 57	25 7	2 17	19 35	1 9	21 48	0 9	22 57	0 24	T 3
F 4	5 22	11 24	1 17	11 46	3 23	7 5	3 47	25 3	2 16	19 35	1 9	21 48	0 9	22 57	0 24	F 4
S 5	5 45	5 31	2 24	11 29	3 20	7 1	3 37	25 0	2 15	19 34	1 9	21 48	0 9	22 57	0 24	S 5
S 6	6 7	0s49	3 25	11 9	3 15	6 57	3 27	24 56	2 15	19 33	1 9	21 48	0 9	22 57	0 24	S 6
M 7	6 30	7 16	4 14	10 46	3 8	6 52	3 17	24 52	2 14	19 33	1 9	21 48	0 9	22 57	0 24	M 7
T 8	6 53	13 28	4 47	10 20	3 0	6 47	3 8	24 49	2 13	19 32	1 9	21 48	0 8	22 57	0 24	T 8
W 9	7 15	18 57	5 2	9 51	2 50	6 41	2 58	24 45	2 12	19 31	1 9	21 47	0 8	22 56	0 24	W 9
T 10	7 38	23 16	4 56	9 21	2 39	6 35	2 49	24 41	2 11	19 30	1 9	21 47	0 8	22 56	0 24	T 10
F 11	8 0	26 1	4 30	8 50	2 26	6 27	2 39	24 36	2 10	19 29	1 9	21 47	0 8	22 56	0 24	F 11
S 12	8 22	26 56	3 47	8 18	2 12	6 20	2 30	24 32	2 9	19 29	1 9	21 47	0 8	22 56	0 24	S 12
S 13	8 44	26 0	2 50	7 46	1 57	6 12	2 21	24 28	2 9	19 28	1 10	21 47	0 8	22 56	0 24	S 13
M14	9 6	23 27	1 44	7 15	1 42	6 3	2 12	24 23	2 8	19 27	1 10	21 46	0 8	22 56	0 24	M14
T 15	9 28	19 37	0 34	6 44	1 26	5 53	2 4	24 19	2 7	19 26	1 10	21 46	0 8	22 56	0 24	T 15
W16	9 49	14 51	0n37	6 15	1 10	5 43	1 55	24 14	2 6	19 25	1 10	21 46	0 8	22 56	0 24	W16
T 17	10 11	9 30	1 44	5 47	0 53	5 33	1 47	24 9	2 5	19 24	1 10	21 46	0 7	22 55	0 24	T 17
F 18	10 32	3 51	2 44	5 22	0 37	5 22	1 39	24 4	2 4	19 23	1 10	21 45	0 7	22 55	0 24	F 18
S 19	10 53	1n51	3 35	4 58	0 21	5 11	1 30	23 59	2 4	19 22	1 10	21 45	0 7	22 55	0 24	S 19
S 20	11 14	7 24	4 16	4 37	0 5	4 59	1 22	23 54	2 3	19 21	1 10	21 45	0 7	22 55	0 24	S 20
M21	11 35	12 35	4 43	4 19	0s11	4 46	1 15	23 48	2 2	19 19	1 10	21 44	0 7	22 55	0 24	M21
T 22	11 55	17 13	4 58	4 2	0 26	4 33	1 7	23 43	2 1	19 18	1 10	21 44	0 7	22 55	0 24	T 22
W23	12 15	21 8	4 58	3 49	0 40	4 20	0 59	23 37	2 0	19 17	1 10	21 43	0 7	22 54	0 24	W23
T 24	12 35	24 7	4 46	3 38	0 54	4 6	0 52	23 32	2 0	19 16	1 10	21 43	0 7	22 54	0 24	T 24
F 25	12 55	26 3	4 21	3 30	1 7	3 52	0 45	23 26	1 59	19 15	1 10	21 43	0 7	22 54	0 24	F 25
S 26	13 15	26 48	3 45	3 24	1 19	3 37	0 38	23 20	1 58	19 13	1 10	21 42	0 7	22 54	0 24	S 26
S 27	13 34	26 19	2 59	3 21	1 31	3 22	0 31	23 14	1 57	19 12	1 10	21 42	0 6	22 54	0 23	S 27
M28	13 54	24 38	2 5	3 20	1 42	3 7	0 24	23 8	1 57	19 11	1 10	21 41	0 6	22 53	0 23	M28
T 29	14 13	21 48	1 5	3 22	1 52	2 51	0 17	23 2	1 56	19 9	1 10	21 41	0 6	22 53	0 23	T 29
W30	14n31	17n56	0n 0	3n26	2s 2	2s35	0n11	22n55	1n55	19s 8	1n10	21n40	0s 6	22n53	0n23	W30

Julian Day Number = 2679180.5, Delta T = 21m44s  
 Ecliptic obliquity = 23°21'36", Nutation = 0°00'13"  
 Ayanamsha: Fagan/Bradley = 33°27'28", Lahiri = 32°34'28"

## ASTRODIENST EPHEMERIS for the year 2623

MAY 2623

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 33 33	10♌12'12	21♌42	14♍5	24♋1	25♌40	0°R51	20♌46	15♌16	25°R30	5♌35	9°R 8	9♌23	5♌47	15♌1	T 1
F 2	14 37 30	11°10'47	4♍43	14°45	24°58	26°12	0♌45	20°51	15°18	25♌28	5°36	9°7	9°20	5°54	15°5	F 2
S 3	14 41 26	12° 9'20	18°13	15°30	25°56	26°43	0°38	20°55	15°20	25°27	5°37	9° 3	9°17	6° 1	15° 9	S 3
S 4	14 45 23	13° 7'51	2♌12	16°17	26°54	27°15	0°31	20°59	15°22	25°25	5°39	8°57	9°13	6° 7	15°13	S 4
M 5	14 49 19	14° 6'19	16°41	17° 8	27°52	27°47	0°24	21° 4	15°24	25°23	5°40	8°49	9°10	6°14	15°17	M 5
T 6	14 53 16	15° 4'46	1♌34	18° 3	28°51	28°19	0°17	21° 8	15°26	25°22	5°41	8°39	9° 7	6°21	15°21	T 6
W 7	14 57 12	16° 3'11	16°44	19° 0	29°50	28°50	0°10	21°13	15°28	25°20	5°42	8°28	9° 4	6°27	15°26	W 7
T 8	15 1 9	17° 1'35	1♌59	20° 0	0♍50	29°22	0° 2	21°18	15°31	25°19	5°44	8°17	9° 1	6°34	15°30	T 8
F 9	15 5 5	17°59'56	17°10	21° 4	1°50	29°54	29♌55	21°22	15°33	25°17	5°45	8° 8	8°58	6°41	15°34	F 9
S 10	15 9 2	18°58'16	2♌6	22° 9	2°50	0♌27	29°48	21°27	15°35	25°15	5°46	8° 2	8°54	6°47	15°38	S 10
S 11	15 12 59	19°56'35	16°40	23°18	3°51	0°59	29°40	21°32	15°38	25°14	5°48	7°59	8°51	6°54	15°42	S 11
M12	15 16 55	20°54'51	0♌48	24°29	4°52	1°31	29°33	21°37	15°40	25°12	5°49	7°57	8°48	7° 1	15°47	M12
T 13	15 20 52	21°53'07	14°31	25°42	5°53	2° 4	29°26	21°42	15°42	25°11	5°50	7°D57	8°45	7° 8	15°51	T 13
W14	15 24 48	22°51'21	27°50	26°58	6°55	2°36	29°18	21°48	15°45	25° 9	5°52	7°R57	8°42	7°14	15°55	W14
T 15	15 28 45	23°49'33	10♌48	28°16	7°57	3° 9	29°10	21°53	15°47	25° 7	5°53	7°56	8°38	7°21	16° 0	T 15
F 16	15 32 41	24°47'44	23°28	29°37	8°59	3°41	29° 3	21°58	15°50	25° 6	5°54	7°53	8°35	7°28	16° 4	F 16
S 17	15 36 38	25°45'54	5♍54	0♌59	10° 2	4°14	28°55	22° 4	15°52	25° 4	5°56	7°47	8°32	7°34	16° 9	S 17
S 18	15 40 34	26°44'02	18° 9	2°24	11° 4	4°47	28°48	22° 9	15°55	25° 2	5°57	7°38	8°29	7°41	16°13	S 18
M19	15 44 31	27°42'09	0♌16	3°51	12° 7	5°20	28°40	22°15	15°58	25° 1	5°58	7°28	8°26	7°48	16°17	M19
T 20	15 48 28	28°40'14	12°17	5°20	13°10	5°53	28°32	22°20	16° 0	24°59	6° 0	7°15	8°23	7°55	16°22	T 20
W21	15 52 24	29°38'18	24°12	6°52	14°14	6°26	28°25	22°26	16° 3	24°57	6° 1	7° 3	8°19	8° 1	16°26	W21
T 22	15 56 21	0♌36'20	6♌4	8°25	15°18	6°59	28°17	22°32	16° 6	24°56	6° 2	6°50	8°16	8° 8	16°31	T 22
F 23	16 0 17	1°34'20	17°55	10° 0	16°21	7°32	28° 9	22°37	16° 9	24°54	6° 4	6°40	8°13	8°15	16°35	F 23
S 24	16 4 14	2°32'20	29°45	11°38	17°26	8° 6	28° 2	22°43	16°11	24°53	6° 5	6°32	8°10	8°21	16°40	S 24
S 25	16 8 10	3°30'17	11♌37	13°17	18°30	8°39	27°54	22°49	16°14	24°51	6° 6	6°26	8° 7	8°28	16°44	S 25
M26	16 12 7	4°28'13	23°34	14°59	19°34	9°12	27°47	22°55	16°17	24°49	6° 8	6°23	8° 4	8°35	16°49	M26
T 27	16 16 3	5°26'07	5♌40	16°42	20°39	9°46	27°39	23° 1	16°20	24°48	6° 9	6°D22	8° 0	8°41	16°54	T 27
W28	16 20 0	6°23'59	17°59	18°28	21°44	10°19	27°31	23° 7	16°23	24°46	6°10	6°23	7°57	8°48	16°58	W28
T 29	16 23 57	7°21'50	0♌35	20°16	22°49	10°53	27°24	23°14	16°26	24°45	6°12	6°24	7°54	8°55	17° 3	T 29
F 30	16 27 53	8°19'39	13°33	22° 6	23°54	11°27	27°17	23°20	16°29	24°43	6°13	6°R24	7°51	9° 2	17° 7	F 30
S 31	16 31 50	9♌17'26	26♌56	23♌57	25♍0	12♌0	27♌9	23♌26	16♌32	24♌41	6♌14	6♌22	7♌48	9♌8	17♌12	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	14n50	13n11	1 s 6	3n32	2s11	2s18	0n 4	22n49	1n54	19s 7	1n10	21n40	0s 6	22n53	0n23	17s22	1n45	7n52	13s30	17s55	17s51	25n44	17n45	4s48					
F 2	15 8	7 43	2 11	3 40	2 19	2 1	0s 2	22 42	1 53	19 5	1 10	21 39	0 6	22 52	0 23	17 21	1 45	7 52	13 30	17 55	17 52	25 45	17 45	4 48					
S 3	15 26	1 43	3 11	3 50	2 26	1 44	0 8	22 35	1 53	19 4	1 10	21 39	0 6	22 52	0 23	17 21	1 45	7 52	13 30	17 56	17 52	25 46	17 46	4 48					
S 4	15 44	4s34	4 1	4 2	2 32	1 27	0 14	22 28	1 52	19 3	1 10	21 38	0 6	22 52	0 23	17 21	1 45	7 53	13 29	17 58	17 53	25 47	17 47	4 48					
M 5	16 1	10 49	4 39	4 16	2 38	1 9	0 20	22 21	1 51	19 1	1 10	21 37	0 6	22 52	0 23	17 20	1 46	7 53	13 29	18 0	17 54	25 47	17 47	4 48					
T 6	16 18	16 38	4 58	4 32	2 44	0 50	0 25	22 14	1 50	19 0	1 10	21 37	0 5	22 51	0 23	17 20	1 46	7 53	13 29	18 2	17 55	25 48	17 48	4 48					
W 7	16 35	21 32	4 57	4 49	2 48	0 32	0 31	22 7	1 50	18 58	1 10	21 36	0 5	22 51	0 23	17 20	1 46	7 54	13 29	18 5	17 56	25 49	17 48	4 47					
T 8	16 52	24 59	4 35	5 9	2 52	0 13	0 36	21 59	1 49	18 57	1 10	21 36	0 5	22 51	0 23	17 19	1 46	7 54	13 29	18 8	17 57	25 50	17 49	4 47					
F 9	17 8	26 38	3 54	5 29	2 55	0n 6	0 41	21 52	1 48	18 55	1 10	21 35	0 5	22 51	0 23	17 19	1 46	7 54	13 29	18 10	17 57	25 51	17 49	4 47					
S 10	17 24	26 18	2 57	5 51	2 57	0 25	0 46	21 44	1 48	18 54	1 10	21 34	0 5	22 50	0 23	17 18	1 46	7 55	13 29	18 12	17 58	25 51	17 50	4 47					
S 11	17 40	24 9	1 50	6 15	2 59	0 45	0 51	21 37	1 47	18 52	1 10	21 34	0 5	22 50	0 23	17 18	1 46	7 55	13 29	18 13	17 59	25 52	17 50	4 47					
M12	17 55	20 32	0 38	6 39	3 0	1 4	0 56	21 29	1 46	18 51	1 10	21 33	0 5	22 50	0 23	17 18	1 46	7 55	13 28	18 13	18 0	25 53	17 51	4 47					
T 13	18 11	15 52	0n35	7 5	3 1	1 24	1 0	21 21	1 45	18 49	1 10	21 32	0 5	22 50	0 23	17 17	1 46	7 56	13 28	18 13	18 1	25 54	17 51	4 47					
W14	18 25	10 34	1 43	7 33	3 1	1 45	1 5	21 13	1 45	18 47	1 10	21 32	0 5	22 49	0 23	17 17	1 46	7 56	13 28	18 13	18 2	25 54	17 52	4 47					
T 15	18 40	4 57	2 45	8 1	3 0	2 5	1 9	21 4	1 44	18 46	1 10	21 31	0 5	22 49	0 23	17 16	1 46	7 56	13 28	18 13	18 3	25 55	17 52	4 47					
F 16	18 54	0n44	3 36	8 30	2 59	2 25	1 13	20 56	1 43	18 44	1 10	21 30	0 4	22 49	0 23	17 16	1 46	7 57	13 28	18 14	18 3	25 56	17 53	4 47					
S 17	19 8	6 16	4 17	9 1	2 57	2 46	1 18	20 48	1 42	18 43	1 10	21 29	0 4	22 48	0 23	17 16	1 46	7 57	13 28	18 16	18 4	25 56	17 53	4 47					
S 18	19 22	11 29	4 45	9 32	2 55	3 7	1 21	20 39	1 42	18 41	1 10	21 29	0 4	22 48	0 23	17 15	1 46	7 57	13 28	18 18	18 5	25 57	17 54	4 47					
M19	19 35	16 12	4 59	10 4	2 52	3 28	1 25	20 30	1 41	18 40	1 10	21 28	0 4	22 48	0 23	17 15	1 46	7 57	13 28	18 21	18 6	25 58	17 54	4 47					
T 20	19 48	20 14	5 0	10 37	2 48	3 49	1 29	20 22	1 40	18 38	1 10	21 27	0 4	22 47	0 23	17 14	1 46	7 58	13 28	18 24	18 7	25 58	17 55	4 47					
W21	20 0	23 25	4 48	11 10	2 44	4 10	1 32	20 13	1 40	18 36	1 10	21 26	0 4	22 47	0 23	17 14	1 46	7 58	13 28	18 27	18 7	25 59	17 55	4 47					
T 22	20 13	25 35	4 24	11 45	2 39	4 32	1 36	20 4	1 39	18 35	1 10	21 25	0 4	22 47	0 23	17 14	1 46	7 58	13 28	18 30	18 8	26 0	17 55	4 47					
F 23	20 24	26 36	3 48	12 19	2 34	4 53	1 39	19 54	1 38	18 33	1 10	21 24	0 4	22 46	0 23	17 13	1 46	7 59	13 28	18 33	18 9	26 0	17 56	4 47					
S 24	20 36	26 24	3 2	12 55	2 29	5 15	1 42	19 45	1 38	18 32	1 9	21 24	0 4	22 46	0 23	17 13	1 46	7 59	13 28	18 35	18 10	26 1	17 56	4 47					
S 25	20 47	24 59	2 8	13 31	2 22	5 36	1 45	19 36	1 37	18 30	1 9	21 23	0 4	22 46	0 23	17 13	1 46	7 59	13 28	18 36	18 11	26 2	17 57	4 47					
M26	20 58	22 25	1 8	14 7	2 16	5 58	1 48	19 26	1 36	18 28	1 9	21 22	0 4	22 45	0 23	17 12	1 46	7 59	13 27	18 37	18 12	26 3	17 57	4 47					
T 27	21 8	18 51	0 4	14 43	2 9	6 20	1 50	19 17	1 35	18 27	1 9	21 21	0 3	22 45	0 23	17 12	1 46	8 0	13 27	18 37	18 12	26 3	17 58	4 47					
W28	21 18	14 25	1s 2	15 20	2 1	6 42	1 53	19 7	1 35	18 25	1 9	21 20	0 3	22 45	0 23	17 11	1 46	8 0	13 27	18 37	18 13	26 4	17 58	4 47					
T 29	21 28	9 16	2 6	15 56	1 53	7 3	1 55	18 57	1 34	18 24	1 9	21 19	0 3	22 44	0 23	17 11	1 45	8 0	13 27	18 37	18 14	26 4	17 59	4 47					
F 30	21 37	3 36	3 5	16 33	1 45	7 25	1 58	18 47	1 33	18 22	1 9	21 18	0 3	22 44	0 23	17 11	1 45	8 0	13 27	18 37	18 15	26 5	17 59	4 47					
S 31	21n46	2s25	3s57	17n 9	1s36	7n47	2s 0	18n37	1n33	18s21	1n 9	21n17	0s 3	22n43	0n23	17s10	1n45	8n 0	13s27	18s37	18s16	26n 6	17n59	4s47					

# ASTRODIENST EPHEMERIS for the year 2623

JUNE 2623

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 35 46	10II15'12	10II48	25♂51	26♀ 5	12♂34	27°R 2	23♂32	16♂35	24°R40	6II16	6°R19	7♂44	9II15	17II17	S 1
M 2	16 39 43	11°12'56	25° 9	27°47	27°11	13° 8	26II55	23°39	16°38	24II38	6°17	6♂13	7°41	9°22	17°21	M 2
T 3	16 43 39	12°10'38	9II56	29°45	28°17	13°42	26°47	23°45	16°41	24°37	6°19	6° 6	7°38	9°28	17°26	T 3
W 4	16 47 36	13° 8'19	25° 3	1II45	29°23	14°16	26°40	23°52	16°44	24°35	6°20	5°58	7°35	9°35	17°31	W 4
T 5	16 51 33	14° 5'59	10♂20	3°47	0♂29	14°50	26°33	23°58	16°48	24°34	6°21	5°51	7°32	9°42	17°35	T 5
F 6	16 55 29	15° 3'38	25°37	5°50	1°35	15°24	26°26	24° 5	16°51	24°32	6°23	5°44	7°29	9°48	17°40	F 6
S 7	16 59 26	16° 1'15	10♂42	7°55	2°42	15°58	26°20	24°12	16°54	24°31	6°24	5°40	7°25	9°55	17°44	S 7
S 8	17 3 22	16°58'52	25°28	10° 2	3°48	16°33	26°13	24°18	16°57	24°29	6°25	5°38	7°22	10° 2	17°49	S 8
M 9	17 7 19	17°56'27	9♂48	12°10	4°55	17° 7	26° 6	24°25	17° 0	24°28	6°27	5°D37	7°19	10° 9	17°54	M 9
T 10	17 11 15	18°54'01	23°41	14°20	6° 2	17°41	25°59	24°32	17° 4	24°26	6°28	5°38	7°16	10°15	17°58	T 10
W 11	17 15 12	19°51'35	7II 6	16°30	7° 9	18°16	25°53	24°39	17° 7	24°25	6°29	5°39	7°13	10°22	18° 3	W 11
T 12	17 19 8	20°49'08	20° 8	18°42	8°16	18°50	25°47	24°46	17°10	24°24	6°31	5°R40	7°10	10°29	18° 8	T 12
F 13	17 23 5	21°46'40	2♀48	20°54	9°23	19°25	25°40	24°53	17°14	24°22	6°32	5°39	7° 6	10°35	18°12	F 13
S 14	17 27 2	22°44'11	15°11	23° 6	10°31	19°59	25°34	25° 0	17°17	24°21	6°33	5°37	7° 3	10°42	18°17	S 14
S 15	17 30 58	23°41'41	27°21	25°18	11°38	20°34	25°28	25° 7	17°20	24°19	6°35	5°33	7° 0	10°49	18°22	S 15
M 16	17 34 55	24°39'11	9♂22	27°30	12°46	21° 8	25°22	25°14	17°24	24°18	6°36	5°27	6°57	10°55	18°26	M 16
T 17	17 38 51	25°36'40	21°16	29°41	13°54	21°43	25°16	25°21	17°27	24°17	6°37	5°20	6°54	11° 2	18°31	T 17
W 18	17 42 48	26°34'09	3II 8	1♂52	15° 2	22°18	25°11	25°28	17°30	24°15	6°38	5°13	6°50	11° 9	18°36	W 18
T 19	17 46 44	27°31'36	14°58	4° 2	16°10	22°53	25° 5	25°35	17°34	24°14	6°40	5° 6	6°47	11°16	18°40	T 19
F 20	17 50 41	28°29'03	26°49	6°10	17°18	23°28	25° 0	25°42	17°37	24°13	6°41	5° 0	6°44	11°22	18°45	F 20
S 21	17 54 37	29°26'29	8♂43	8°17	18°26	24° 2	24°55	25°49	17°41	24°11	6°42	4°56	6°41	11°29	18°50	S 21
S 22	17 58 34	0♂23'55	20°41	10°22	19°34	24°37	24°49	25°57	17°44	24°10	6°43	4°53	6°38	11°36	18°54	S 22
M 23	18 2 31	1°21'19	2♂47	12°26	20°43	25°12	24°45	26° 4	17°48	24° 9	6°45	4°D52	6°35	11°42	18°59	M 23
T 24	18 6 27	2°18'42	15° 1	14°27	21°51	25°48	24°40	26°11	17°51	24° 8	6°46	4°52	6°31	11°49	19° 3	T 24
W 25	18 10 24	3°16'05	27°27	16°26	22°59	26°23	24°35	26°19	17°55	24° 7	6°47	4°54	6°28	11°56	19° 8	W 25
T 26	18 14 20	4°13'26	10II 9	18°24	24° 8	26°58	24°31	26°26	17°58	24° 5	6°48	4°55	6°25	12° 2	19°12	T 26
F 27	18 18 17	5°10'47	23° 9	20°19	25°17	27°33	24°26	26°34	18° 2	24° 4	6°50	4°57	6°22	12° 9	19°17	F 27
S 28	18 22 13	6° 8'07	6♂31	22°12	26°26	28° 8	24°22	26°41	18° 5	24° 3	6°51	4°R57	6°19	12°16	19°22	S 28
S 29	18 26 10	7° 5'26	20°16	24° 3	27°34	28°44	24°18	26°49	18° 9	24° 2	6°52	4°57	6°16	12°23	19°26	S 29
M 30	18 30 6	8♂24'44	4II26	25♂51	28♂43	29♂19	24II14	26♂56	18♂13	24II 1	6II53	4♂55	6♂12	12II29	19II31	M 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	21n55	8s30	4s36	17n45	1s27	8n 9	2s 2	18n27	1n32	18s19	1n 9	21n16	0s 3	22n43	0n23	17s10
M 2	22 3 14	22 5 0	18 21	1 17	8 30	2 4	18 17	1 31	18 18	1 8	21 15	0 3	22 43	0 23	17 10	1 45
T 3	22 11 19	34 5 5	18 56	1 7	8 52	2 6	18 6	1 31	18 16	1 8	21 14	0 3	22 42	0 23	17 9	1 45
W 4	22 18 23	38 4 49	19 31	0 57	9 14	2 7	17 56	1 30	18 15	1 8	21 13	0 3	22 42	0 23	17 9	1 45
T 5	22 25 26	5 4 13	20 4	0 47	9 35	2 9	17 45	1 29	18 13	1 8	21 12	0 3	22 42	0 23	17 9	1 45
F 6	22 32 26	35 3 18	20 37	0 36	9 57	2 10	17 35	1 29	18 12	1 8	21 11	0 3	22 41	0 23	17 8	1 45
S 7	22 38 25	5 2 10	21 8	0 26	10 18	2 12	17 24	1 28	18 10	1 8	21 10	0 2	22 41	0 23	17 8	1 45
S 8	22 44 21	52 0 55	21 38	0 15	10 40	2 13	17 13	1 27	18 9	1 7	21 9	0 2	22 40	0 23	17 8	1 45
M 9	22 49 17	22 0n23	22 6	0 4	11 1	2 14	17 2	1 27	18 7	1 7	21 8	0 2	22 40	0 23	17 7	1 45
T 10	22 54 12	4 1 36	22 33	0n 6	11 22	2 15	16 51	1 26	18 6	1 7	21 7	0 2	22 40	0 23	17 7	1 45
W 11	22 58 6	22 2 42	22 58	0 17	11 43	2 16	16 40	1 25	18 5	1 7	21 5	0 2	22 39	0 23	17 7	1 45
T 12	23 3 0	34 3 37	23 20	0 27	12 4	2 16	16 28	1 25	18 3	1 7	21 4	0 2	22 39	0 23	17 6	1 45
F 13	23 6 5n	5 4 20	23 40	0 37	12 24	2 17	16 17	1 24	18 2	1 7	21 3	0 2	22 38	0 23	17 6	1 45
S 14	23 10 10	25 4 50	23 58	0 47	12 45	2 18	16 6	1 24	18 1	1 6	21 2	0 2	22 38	0 23	17 6	1 45
S 15	23 13 15	15 5 6	24 13	0 56	13 5	2 18	15 54	1 23	18 0	1 6	21 1	0 2	22 37	0 23	17 5	1 45
M 16	23 15 19	26 5 8	24 25	1 5	13 25	2 18	15 42	1 22	17 58	1 6	21 0	0 2	22 37	0 23	17 5	1 45
T 17	23 17 22	48 4 57	24 35	1 13	13 45	2 18	15 30	1 22	17 57	1 6	20 58	0 2	22 37	0 23	17 5	1 45
W 18	23 19 25	11 4 34	24 42	1 21	14 5	2 19	15 19	1 21	17 56	1 6	20 57	0 1	22 36	0 23	17 4	1 45
T 19	23 20 26	28 3 58	24 46	1 28	14 24	2 19	15 7	1 20	17 55	1 5	20 56	0 1	22 36	0 23	17 4	1 45
F 20	23 21 26	31 3 12	24 47	1 34	14 44	2 18	14 55	1 20	17 54	1 5	20 55	0 1	22 35	0 23	17 4	1 45
S 21	23 22 25	22 2 18	24 46	1 40	15 2	2 18	14 42	1 19	17 53	1 5	20 53	0 1	22 35	0 23	17 4	1 45
S 22	23 22 23	2 1 17	24 42	1 45	15 21	2 18	14 30	1 18	17 52	1 5	20 52	0 1	22 34	0 23	17 3	1 45
M 23	23 21 19	40 0 11	24 35	1 49	15 40	2 17	14 18	1 18	17 51	1 5	20 51	0 1	22 34	0 23	17 3	1 45
T 24	23 20 15	24 0s55	24 27	1 52	15 58	2 17	14 5	1 17	17 50	1 4	20 50	0 1	22 33	0 23	17 3	1 45
W 25	23 19 10	26 2 0	24 15	1 55	16 16	2 16	13 53	1 16	17 49	1 4	20 48	0 1	22 33	0 23	17 3	1 45
T 26	23 18 4 56	3 1 24	2 1	1 57	16 33	2 16	13 40	1 16	17 48	1 4	20 47	0 1	22 32	0 23	17 2	1 45
F 27	23 16 0s53	3 54	23 46	1 58	16 50	2 15	13 28	1 15	17 47	1 4	20 46	0 1	22 32	0 23	17 2	1 45
S 28	23 13 6 48	4 36	23 29	1 58	17 7	2 14	13 15	1 15	17 46	1 4	20 44	0 1	22 32	0 23	17 2	1 45
S 29	23 10 12 35	5 4	23 10	1 58	17 24	2 13	13 2	1 14	17 46	1 3	20 43	0 0	22 31	0 23	17 2	1 45
M 30	23n 7	17s52	5s14	22n49	1n57	17n40	2s12	12n49	1n13	17s45	1n 3	20n42	0s 0	22n31	0n23	17s 1

Julian Day Number = 2679241.5, Delta T = 21m45s  
 Ecliptic obliquity = 23°21'35, Nutation = 0°00'13  
 Ayanamsha: Fagan/Bradley = 33°27'37, Lahiri = 32°34'37



## ASTRODIENST EPHEMERIS for the year 2623

AUGUST 2623

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	20 36 16	8♂34'57	12♂48	29♂59	6♂9	18♂34	23♂42	1♂3	20♂7	23°R41	7♂25	4♂39	4♂31	16♂3	21♂42	F 1
S 2	20 40 13	9°32'14	27°28	0°R 3	7°20	19°11	23°44	1°11	20°11	23♂41	7°25	4°R39	4°28	16°10	21°45	S 2
S 3	20 44 9	10°29'31	12♂0	0♂3	8°31	19°48	23°46	1°19	20°14	23°41	7°26	4°39	4°24	16°17	21°49	S 3
M 4	20 48 6	11°26'49	26°15	29♂58	9°43	20°25	23°49	1°26	20°18	23°41	7°27	4°39	4°21	16°24	21°52	M 4
T 5	20 52 3	12°24'07	10♂11	29°48	10°54	21°2	23°51	1°34	20°21	23°41	7°27	4°38	4°18	16°30	21°56	T 5
W 6	20 55 59	13°21'26	23°44	29°33	12°5	21°38	23°54	1°42	20°24	23°D41	7°28	4°37	4°15	16°37	21°59	W 6
T 7	20 59 56	14°18'46	6°Y54	29°12	13°17	22°15	23°57	1°49	20°28	23°41	7°29	4°36	4°12	16°44	22°2	T 7
F 8	21 3 52	15°16'07	19°42	28°48	14°29	22°53	24°0	1°57	20°31	23°41	7°29	4°35	4°8	16°50	22°6	F 8
S 9	21 7 49	16°13'29	2♂10	28°18	15°40	23°30	24°3	2°5	20°34	23°41	7°30	4°34	4°5	16°57	22°9	S 9
S 10	21 11 45	17°10'52	14°22	27°45	16°52	24°7	24°6	2°12	20°38	23°41	7°31	4°D34	4°2	17°4	22°12	S 10
M11	21 15 42	18°8'16	26°22	27°8	18°4	24°44	24°10	2°20	20°41	23°41	7°31	4°34	3°59	17°10	22°15	M11
T 12	21 19 38	19°5'41	8♂15	26°28	19°15	25°21	24°13	2°27	20°44	23°41	7°32	4°34	3°56	17°17	22°18	T 12
W13	21 23 35	20°3'07	20°6	25°45	20°27	25°58	24°17	2°35	20°48	23°42	7°32	4°36	3°53	17°24	22°22	W13
T 14	21 27 32	21°0'35	1♂58	25°0	21°39	26°36	24°21	2°43	20°51	23°42	7°33	4°37	3°49	17°30	22°25	T 14
F 15	21 31 28	21°58'03	13°57	24°14	22°51	27°13	24°25	2°50	20°54	23°42	7°33	4°38	3°46	17°37	22°27	F 15
S 16	21 35 25	22°55'32	26°4	23°27	24°3	27°51	24°30	2°58	20°57	23°43	7°34	4°39	3°43	17°44	22°30	S 16
S 17	21 39 21	23°53'03	8♂24	22°41	25°15	28°28	24°34	3°5	21°1	23°43	7°34	4°R39	3°40	17°50	22°33	S 17
M18	21 43 18	24°50'34	20°58	21°57	26°27	29°6	24°39	3°12	21°4	23°43	7°35	4°39	3°37	17°57	22°36	M18
T 19	21 47 14	25°48'06	3♂48	21°14	27°40	29°43	24°44	3°20	21°7	23°44	7°35	4°37	3°34	18°4	22°39	T 19
W20	21 51 11	26°45'40	16°52	20°35	28°52	0♂21	24°49	3°27	21°10	23°44	7°35	4°34	3°30	18°10	22°41	W20
T 21	21 55 7	27°43'14	0♂11	19°59	0♂4	0°58	24°54	3°35	21°13	23°45	7°36	4°31	3°27	18°17	22°44	T 21
F 22	21 59 4	28°40'49	13°43	19°28	1°17	1°36	24°59	3°42	21°16	23°45	7°36	4°27	3°24	18°24	22°47	F 22
S 23	22 3 1	29°38'25	27°27	19°3	2°29	2°14	25°4	3°49	21°19	23°46	7°36	4°24	3°21	18°31	22°49	S 23
S 24	22 6 57	0♂36'02	11♂22	18°43	3°41	2°51	25°10	3°57	21°22	23°46	7°37	4°22	3°18	18°37	22°52	S 24
M25	22 10 54	1°33'40	25°25	18°29	4°54	3°29	25°16	4°4	21°25	23°47	7°37	4°D21	3°14	18°44	22°54	M25
T 26	22 14 50	2°31'19	9♂36	18°D22	6°7	4°7	25°22	4°11	21°28	23°48	7°37	4°21	3°11	18°51	22°56	T 26
W27	22 18 47	3°28'59	23°50	18°22	7°19	4°45	25°28	4°18	21°31	23°48	7°37	4°22	3°8	18°57	22°59	W27
T 28	22 22 43	4°26'40	8♂8	18°30	8°32	5°23	25°34	4°25	21°34	23°49	7°38	4°23	3°5	19°4	23°1	T 28
F 29	22 26 40	5°24'21	22°26	18°44	9°44	6°1	25°40	4°32	21°37	23°50	7°38	4°25	3°2	19°11	23°3	F 29
S 30	22 30 36	6°22'04	6♂40	19°7	10°57	6°39	25°47	4°39	21°40	23°50	7°38	4°R25	2°59	19°17	23°5	S 30
S 31	22 34 33	7♂19'48	20♂47	19♂36	12♂10	7♂17	25♂53	4♂46	21♂42	23♂51	7♂38	4♂24	2♂55	19♂24	23♂7	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	18n 3	24s43	1s58	8n26	3s13	22n 9	1s 4	5n20	0n54	17s45	0n55	19n54	0n 2	22n15	0n24	16s58
S 2	17 48	21 15	0 40	8 12	3 26	22 9	1 1	5 5	0 53	17 45	0 55	19 52	0 2	22 14	0 24	16 58
S 3	17 33	16 29	0n41	8 0	3 39	22 7	0 58	4 50	0 53	17 46	0 55	19 51	0 3	22 14	0 24	16 58
M 4	17 17	10 53	1 57	7 50	3 51	22 5	0 55	4 35	0 52	17 47	0 54	19 49	0 3	22 13	0 24	16 58
T 5	17 2	4 52	3 5	7 42	4 3	22 3	0 52	4 20	0 52	17 48	0 54	19 47	0 3	22 13	0 24	16 58
W 6	16 45	1n12	4 0	7 37	4 14	22 0	0 49	4 5	0 51	17 49	0 54	19 46	0 3	22 12	0 24	16 58
T 7	16 29	7 2	4 40	7 35	4 24	21 56	0 46	3 50	0 50	17 50	0 54	19 44	0 3	22 12	0 24	16 58
F 8	16 12	12 24	5 6	7 35	4 33	21 51	0 43	3 35	0 50	17 51	0 54	19 43	0 3	22 11	0 24	16 59
S 9	15 55	17 8	5 16	7 37	4 41	21 46	0 40	3 20	0 49	17 52	0 53	19 41	0 3	22 11	0 24	16 59
S 10	15 38	21 3	5 12	7 42	4 48	21 41	0 38	3 4	0 49	17 53	0 53	19 39	0 3	22 10	0 24	16 59
M11	15 21	24 2	4 54	7 50	4 53	21 34	0 35	2 49	0 48	17 54	0 53	19 38	0 3	22 10	0 24	16 59
T 12	15 3	25 57	4 24	8 0	4 57	21 28	0 32	2 34	0 47	17 55	0 53	19 36	0 3	22 9	0 24	16 59
W13	14 45	26 41	3 42	8 12	4 59	21 20	0 29	2 19	0 47	17 56	0 52	19 34	0 3	22 9	0 24	16 59
T 14	14 27	26 12	2 51	8 26	4 59	21 12	0 26	2 3	0 46	17 57	0 52	19 33	0 4	22 8	0 24	16 59
F 15	14 8	24 29	1 52	8 43	4 58	21 3	0 23	1 48	0 46	17 58	0 52	19 31	0 4	22 8	0 24	16 59
S 16	13 50	21 38	0 47	9 1	4 54	20 54	0 20	1 33	0 45	18 0	0 52	19 30	0 4	22 7	0 24	16 59
S 17	13 31	17 46	0 29	9 21	4 49	20 44	0 17	1 17	0 44	18 1	0 51	19 28	0 4	22 7	0 24	17 0
M18	13 12	13 3	1 21	9 42	4 42	20 34	0 14	1 2	0 44	18 2	0 51	19 26	0 4	22 7	0 24	17 0
T 19	12 53	7 42	2 34	10 3	4 33	20 23	0 11	0 46	0 43	18 4	0 51	19 25	0 4	22 6	0 24	17 0
W20	12 33	1 55	3 32	10 25	4 23	20 11	0 8	0 31	0 43	18 5	0 51	19 23	0 4	22 6	0 24	17 0
T 21	12 13	4s 2	4 19	10 48	4 11	19 59	0 5	0 15	0 42	18 7	0 51	19 21	0 4	22 5	0 24	17 0
F 22	11 54	9 54	4 54	11 10	3 58	19 46	0 2	0s 0	0 41	18 8	0 50	19 20	0 4	22 5	0 24	17 0
S 23	11 34	15 22	5 11	11 31	3 43	19 33	0n 0	0 15	0 41	18 10	0 50	19 18	0 4	22 4	0 24	17 1
S 24	11 13	20 7	5 11	11 52	3 28	19 19	0 3	0 31	0 40	18 11	0 50	19 17	0 4	22 4	0 24	17 1
M25	10 53	23 47	4 53	12 12	3 12	19 5	0 6	0 46	0 40	18 13	0 50	19 15	0 5	22 3	0 24	17 1
T 26	10 32	26 2	4 16	12 30	2 55	18 50	0 9	1 2	0 39	18 14	0 49	19 13	0 5	22 3	0 24	17 1
W27	10 12	26 37	3 24	12 46	2 38	18 34	0 12	1 18	0 39	18 16	0 49	19 12	0 5	22 2	0 24	17 1
T 28	9 51	25 25	2 19	13 1	2 20	18 18	0 14	1 33	0 38	18 18	0 49	19 10	0 5	22 2	0 24	17 2
F 29	9 30	22 34	1 5	13 13	2 2	18 2	0 17	1 49	0 37	18 19	0 49	19 9	0 5	22 2	0 24	17 2
S 30	9 9	18 21	0n12	13 23	1 44	17 45	0 20	2 4	0 37	18 21	0 49	19 7	0 5	22 1	0 24	17 2
S 31	8n47	13s 7	1n28	13n31	1s27	17n27	0n22	2s20	0n36	18s23	0n48	19n 5	0n 5	22n 1	0n24	17s 2

Julian Day Number = 2679302.5, Delta T = 21m46s

Ecliptic obliquity = 23°21'35, Nutation = 0°00'15

Ayanamsha: Fagan/Bradley = 33°27'45, Lahiri = 32°34'45



## ASTRODIENST EPHEMERIS for the year 2623

OCTOBER 2623

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	0 36 46	7♂22°54	10♀16	9♂33	20♂10	27♂20	0♂20	7♂58	22♂50	24♂30	7♂R33	2♂R32	1♂17	22♂51	23♂R39	W 1
T 2	0 40 43	8°21'30	23° 8	11°21	21°25	27°59	0°30	8° 3	22°51	24°32	7♂R33	2♂R20	1°14	22°58	23♂R39	T 2
F 3	0 44 39	9°20'09	5♂45	13° 8	22°39	28°39	0°40	8° 8	22°53	24°34	7♂32	2° 8	1°11	23° 4	23°39	F 3
S 4	0 48 36	10°18'49	18° 8	14°54	23°53	29°18	0°51	8°13	22°54	24°35	7♂31	1°58	1° 7	23°11	23°39	S 4
S 5	0 52 32	11°17'32	0♂17	16°38	25° 7	29°58	1° 1	8°18	22°55	24°37	7♂31	1°49	1° 4	23°18	23°39	S 5
M 6	0 56 29	12°16'17	12°15	18°22	26°22	0♂38	1°12	8°22	22°57	24°39	7♂30	1°42	1° 1	23°24	23°38	M 6
T 7	1 0 25	13°15'04	24° 6	20° 5	27°36	1°17	1°23	8°27	22°58	24°40	7♂30	1°38	0°58	23°31	23°38	T 7
W 8	1 4 22	14°13'54	5♂55	21°47	28°51	1°57	1°34	8°32	22°59	24°42	7♂29	1°37	0°55	23°38	23°37	W 8
T 9	1 8 19	15°12'45	17°47	23°28	0♂ 5	2°37	1°45	8°36	23° 0	24°44	7♂29	1°D36	0°51	23°44	23°37	T 9
F 10	1 12 15	16°11'39	29°47	25° 8	1°19	3°17	1°56	8°41	23° 1	24°46	7♂28	1°R36	0°48	23°51	23°36	F 10
S 11	1 16 12	17°10'35	12♂0	26°47	2°34	3°57	2° 7	8°45	23° 2	24°48	7♂27	1°36	0°45	23°58	23°35	S 11
S 12	1 20 8	18° 9'33	24°32	28°25	3°49	4°37	2°18	8°50	23° 3	24°50	7♂27	1°34	0°42	24° 4	23°35	S 12
M13	1 24 5	19° 8'34	7♂26	0♂3	5° 3	5°17	2°29	8°54	23° 4	24°52	7♂26	1°30	0°39	24°11	23°34	M13
T 14	1 28 1	20° 7'36	20°45	1°39	6°18	5°57	2°40	8°58	23° 5	24°53	7♂25	1°23	0°36	24°18	23°33	T 14
W15	1 31 58	21° 6'41	4♂30	3°15	7°32	6°37	2°52	9° 2	23° 6	24°55	7♂25	1°13	0°32	24°24	23°32	W15
T 16	1 35 54	22° 5'48	18°37	4°50	8°47	7°18	3° 3	9° 6	23° 7	24°57	7♂24	1° 2	0°29	24°31	23°31	T 16
F 17	1 39 51	23° 4'57	3♂2	6°24	10° 2	7°58	3°15	9°10	23° 7	24°59	7♂23	0°50	0°26	24°38	23°30	F 17
S 18	1 43 48	24° 4'08	17°39	7°58	11°17	8°38	3°26	9°14	23° 8	25° 1	7♂22	0°39	0°23	24°44	23°29	S 18
S 19	1 47 44	25° 3'21	2♂19	9°31	12°31	9°19	3°38	9°17	23° 9	25° 3	7♂22	0°29	0°20	24°51	23°27	S 19
M20	1 51 41	26° 2'35	16°56	11° 2	13°46	9°59	3°50	9°21	23° 9	25° 5	7♂21	0°23	0°16	24°58	23°26	M20
T 21	1 55 37	27° 1'52	1♂24	12°34	15° 1	10°40	4° 2	9°24	23°10	25° 7	7♂20	0°19	0°13	25° 4	23°25	T 21
W22	1 59 34	28° 1'10	15°39	14° 4	16°16	11°20	4°13	9°28	23°10	25° 9	7♂19	0°17	0°10	25°11	23°23	W22
T 23	2 3 30	29° 0'30	29°40	15°34	17°31	12° 1	4°25	9°31	23°10	25°11	7♂18	0°17	0° 7	25°18	23°22	T 23
F 24	2 7 27	29°59'51	13♂27	17° 3	18°45	12°41	4°37	9°34	23°11	25°13	7♂17	0°17	0° 4	25°24	23°20	F 24
S 25	2 11 23	0♂59'15	27° 0	18°31	20° 0	13°22	4°49	9°37	23°11	25°16	7♂17	0°15	0° 1	25°31	23°19	S 25
S 26	2 15 20	1°58'39	10♂21	19°58	21°15	14° 3	5° 2	9°40	23°11	25°18	7♂16	0°11	29♂57	25°38	23°17	S 26
M27	2 19 17	2°58'06	23°30	21°25	22°30	14°44	5°14	9°43	23°12	25°20	7♂15	0° 5	29°54	25°44	23°15	M27
T 28	2 23 13	3°57'34	6♀28	22°51	23°45	15°24	5°26	9°46	23°12	25°22	7♂14	29♂55	29°51	25°51	23°13	T 28
W29	2 27 10	4°57'05	19°15	24°16	25° 0	16° 5	5°38	9°49	23°12	25°24	7♂13	29°43	29°48	25°58	23°12	W29
T 30	2 31 6	5°56'37	1♂50	25°40	26°15	16°46	5°51	9°51	23°R12	25°26	7♂12	29°29	29°45	26° 4	23°10	T 30
F 31	2 35 3	6♂56'11	14♂14	27♂3	27♂30	17♂27	6♂ 3	9♂54	23♂12	25♂28	7♂11	29♂15	29♂42	26♂11	23♂8	F 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	2s55	8n21	4n40	2s35	1n18	5n 8	1n21	10s12	0n18	19s28	0n43	18n21	0n 8	21n51	0n25	17s13
T 2	3 18	13 35	4 59	3 22	1 13	4 39	1 22	10 27	0 17	19 30	0 42	18 20	0 8	21 50	0 25	17 14
F 3	3 41	18 8	5 2	4 8	1 7	4 11	1 23	10 42	0 17	19 32	0 42	18 18	0 8	21 50	0 25	17 14
S 4	4 4	21 49	4 51	4 54	1 1	3 42	1 24	10 56	0 16	19 34	0 42	18 17	0 8	21 50	0 25	17 15
S 5	4 27	24 29	4 26	5 40	0 55	3 14	1 25	11 11	0 16	19 37	0 42	18 16	0 9	21 50	0 25	17 15
M 6	4 50	26 0	3 51	6 25	0 49	2 45	1 25	11 25	0 15	19 39	0 42	18 15	0 9	21 50	0 25	17 15
T 7	5 13	26 19	3 5	7 10	0 43	2 16	1 26	11 40	0 14	19 41	0 42	18 14	0 9	21 49	0 25	17 16
W 8	5 36	25 26	2 12	7 54	0 36	1 47	1 27	11 54	0 14	19 44	0 41	18 13	0 9	21 49	0 25	17 16
T 9	5 58	23 23	1 13	8 38	0 29	1 18	1 27	12 8	0 13	19 46	0 41	18 12	0 9	21 49	0 25	17 17
F 10	6 21	20 17	0 10	9 21	0 23	0 49	1 28	12 22	0 13	19 48	0 41	18 11	0 9	21 49	0 25	17 17
S 11	6 43	16 16	0s55	10 3	0 16	0 20	1 28	12 36	0 12	19 51	0 41	18 10	0 9	21 49	0 25	17 18
S 12	7 6	11 26	1 58	10 45	0 9	0s10	1 28	12 50	0 12	19 53	0 41	18 8	0 9	21 49	0 25	17 18
M13	7 28	6 0	2 58	11 25	0 2	0 39	1 28	13 4	0 11	19 55	0 41	18 7	0 9	21 49	0 25	17 19
T 14	7 51	0 8	3 49	12 6	0s 5	1 8	1 29	13 18	0 10	19 58	0 41	18 6	0 9	21 49	0 25	17 19
W15	8 13	5s54	4 29	12 45	0 12	1 37	1 29	13 32	0 10	20 0	0 40	18 6	0 10	21 48	0 25	17 20
T 16	8 35	11 48	4 54	13 24	0 19	2 7	1 29	13 45	0 9	20 2	0 40	18 5	0 10	21 48	0 25	17 20
F 17	8 57	17 11	5 0	14 2	0 27	2 36	1 29	13 59	0 9	20 5	0 40	18 4	0 10	21 48	0 25	17 21
S 18	9 18	21 38	4 48	14 39	0 34	3 5	1 28	14 13	0 8	20 7	0 40	18 3	0 10	21 48	0 25	17 21
S 19	9 40	24 44	4 16	15 15	0 41	3 35	1 28	14 26	0 7	20 9	0 40	18 2	0 10	21 48	0 25	17 22
M20	10 2	26 10	3 28	15 51	0 48	4 4	1 28	14 39	0 7	20 12	0 40	18 1	0 10	21 48	0 26	17 22
T 21	10 23	25 47	2 26	16 26	0 55	4 33	1 28	14 52	0 6	20 14	0 40	18 0	0 10	21 48	0 26	17 23
W22	10 44	23 43	1 17	16 59	1 2	5 2	1 27	15 6	0 6	20 16	0 39	17 59	0 10	21 48	0 26	17 23
T 23	11 5	20 12	0 3	17 32	1 9	5 31	1 27	15 19	0 5	20 19	0 39	17 59	0 10	21 48	0 26	17 24
F 24	11 26	15 38	1n 9	18 4	1 15	6 0	1 26	15 31	0 4	20 21	0 39	17 58	0 11	21 48	0 26	17 24
S 25	11 47	10 20	2 16	18 35	1 22	6 28	1 26	15 44	0 4	20 23	0 39	17 57	0 11	21 48	0 26	17 25
S 26	12 7	4 39	3 15	19 6	1 29	6 57	1 25	15 57	0 3	20 26	0 39	17 57	0 11	21 48	0 26	17 25
M27	12 28	1n 8	4 2	19 35	1 35	7 25	1 24	16 10	0 3	20 28	0 39	17 56	0 11	21 48	0 26	17 26
T 28	12 48	6 47	4 36	20 3	1 41	7 54	1 24	16 22	0 2	20 30	0 39	17 55	0 11	21 48	0 26	17 26
W29	13 8	12 4	4 55	20 30	1 47	8 22	1 23	16 34	0 2	20 32	0 39	17 55	0 11	21 48	0 26	17 27
T 30	13 27	16 45	5 0	20 57	1 53	8 50	1 22	16 47	0 1	20 35	0 38	17 54	0 11	21 48	0 26	17 27
F 31	13s47	20n40	4n50	21s22	1s59	9s17	1n21	16s59	0n 0	20s37	0n38	17n54	0n11	21n48	0n26	17s28

Julian Day Number = 2679363.5, Delta T = 21m46s

Ecliptic obliquity = 23°21'35, Nutation = 0°00'14

Ayanamsha: Fagan/Bradley = 33°27'54, Lahiri = 32°34'54

# ASTRODIENST EPHEMERIS for the year 2623

NOVEMBER 2623

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 38 59	7♈55'47	26♊27	28♈25	28♈45	18♈ 8	6♈15	9♈56	23°R12	25♈30	7°R10	29°R 2	29♊38	26♈18	23°R 6	S 1
S 2	2 42 56	8°55'26	8♈30	29°47	29°59	18°49	6°28	9°59	23♈11	25°33	7♈ 9	28♊51	29°35	26°25	23♈ 3	S 2
M 3	2 46 52	9°55'06	20°24	1♈ 7	1♈15	19°30	6°40	10° 1	23°11	25°35	7° 8	28°43	29°32	26°31	23° 1	M 3
T 4	2 50 49	10°54'49	2♈13	2°27	2°30	20°12	6°53	10° 3	23°11	25°37	7° 7	28°38	29°29	26°38	22°59	T 4
W 5	2 54 46	11°54'34	14° 0	3°45	3°45	20°53	7° 6	10° 5	23°11	25°39	7° 6	28°35	29°26	26°45	22°57	W 5
T 6	2 58 42	12°54'21	25°50	5° 2	5° 0	21°34	7°18	10° 7	23°10	25°41	7° 5	28°D34	29°22	26°51	22°54	T 6
F 7	3 2 39	13°54'10	7♈47	6°17	6°15	22°15	7°31	10° 9	23°10	25°43	7° 4	28°R34	29°19	26°58	22°52	F 7
S 8	3 6 35	14°54'01	19°58	7°31	7°31	22°57	7°44	10°10	23°10	25°46	7° 3	28°34	29°16	27° 5	22°50	S 8
S 9	3 10 32	15°53'54	2♈27	8°44	8°46	23°38	7°57	10°12	23° 9	25°48	7° 2	28°33	29°13	27°11	22°47	S 9
M10	3 14 28	16°53'50	15°20	9°54	10° 1	24°20	8° 9	10°13	23° 8	25°50	7° 1	28°29	29°10	27°18	22°45	M10
T 11	3 18 25	17°53'47	28°40	11° 3	11°16	25° 1	8°22	10°15	23° 8	25°52	7° 0	28°24	29° 7	27°25	22°42	T 11
W12	3 22 21	18°53'47	12♈29	12°10	12°31	25°43	8°35	10°16	23° 7	25°55	6°59	28°15	29° 3	27°31	22°39	W12
T 13	3 26 18	19°53'49	26°46	13°14	13°46	26°24	8°48	10°17	23° 6	25°57	6°58	28° 5	29° 0	27°38	22°37	T 13
F 14	3 30 15	20°53'53	11♈27	14°15	15° 2	27° 6	9° 1	10°18	23° 6	25°59	6°57	27°55	28°57	27°45	22°34	F 14
S 15	3 34 11	21°53'59	26°24	15°13	16°17	27°48	9°14	10°19	23° 5	26° 1	6°56	27°44	28°54	27°51	22°31	S 15
S 16	3 38 8	22°54'06	11♈27	16° 8	17°32	28°30	9°27	10°19	23° 4	26° 4	6°55	27°36	28°51	27°58	22°28	S 16
M17	3 42 4	23°54'16	26°28	17° 0	18°48	29°12	9°40	10°20	23° 3	26° 6	6°54	27°30	28°48	28° 5	22°26	M17
T 18	3 46 1	24°54'27	11♈31	17°47	20° 3	29°54	9°53	10°21	23° 2	26° 8	6°52	27°27	28°44	28°11	22°23	T 18
W19	3 49 57	25°54'39	25°49	18°29	21°18	0♈36	10° 7	10°21	23° 1	26°10	6°51	27°D26	28°41	28°18	22°20	W19
T 20	3 53 54	26°54'53	10♈ 1	19° 6	22°33	1°18	10°20	10°21	23° 0	26°13	6°50	27°26	28°38	28°25	22°17	T 20
F 21	3 57 50	27°55'08	23°51	19°37	23°49	2° 0	10°33	10°22	22°59	26°15	6°49	27°R27	28°35	28°31	22°14	F 21
S 22	4 1 47	28°55'25	7♈20	20° 1	25° 4	2°42	10°46	10°R22	22°58	26°17	6°48	27°26	28°32	28°38	22°11	S 22
S 23	4 5 44	29°55'43	20°31	20°18	26°19	3°24	10°59	10°22	22°56	26°19	6°47	27°24	28°28	28°44	22° 8	S 23
M24	4 9 40	0♈56'02	3♈26	20°28	27°35	4° 6	11°13	10°22	22°55	26°22	6°46	27°20	28°25	28°51	22° 4	M24
T 25	4 13 37	1°56'23	16° 8	20°R28	28°50	4°48	11°26	10°21	22°54	26°24	6°45	27°13	28°22	28°58	22° 1	T 25
W26	4 17 33	2°56'45	28°37	20°19	0♈ 5	5°31	11°39	10°21	22°52	26°26	6°44	27° 4	28°19	29° 4	21°58	W26
T 27	4 21 30	3°57'09	10♈56	20° 0	1°21	6°13	11°52	10°20	22°51	26°28	6°42	26°54	28°16	29°11	21°55	T 27
F 28	4 25 26	4°57'34	23° 7	19°31	2°36	6°55	12° 6	10°20	22°50	26°30	6°41	26°43	28°13	29°18	21°52	F 28
S 29	4 29 23	5°58'01	5♈ 9	18°52	3°51	7°38	12°19	10°19	22°48	26°33	6°40	26°33	28° 9	29°24	21°48	S 29
S 30	4 33 19	6♈58'29	17♈ 5	18♈ 2	5♈ 7	8♈20	12♈32	10♈18	22♈47	26♈35	6♈39	26♈25	28♈ 6	29♈31	21♈45	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14s 6	23n37	4n27	21s46	2s 5	9s45	1n20	17s11	0s 0	20s39	0n38	17n53	0n11	21n48	0n26	17s28	1n39	7n42	13s54	20s17	20s10	26n 8	17n36	5s35			
S 2	14 26	25 28	3 52	22 9	2 10	10 12	1 19	17 23	0 1	20 41	0 38	17 52	0 12	21 48	0 26	17 29	1 39	7 42	13 54	20 19	20 10	26 8	17 36	5 35			
M 3	14 44	26 8	3 7	22 31	2 15	10 39	1 18	17 34	0 1	20 44	0 38	17 52	0 12	21 48	0 26	17 30	1 39	7 42	13 55	20 21	20 11	26 7	17 35	5 36			
T 4	15 3	25 35	2 15	22 52	2 20	11 6	1 16	17 46	0 2	20 46	0 38	17 52	0 12	21 48	0 26	17 30	1 39	7 42	13 55	20 22	20 12	26 7	17 35	5 36			
W 5	15 21	23 54	1 16	23 12	2 25	11 33	1 15	17 57	0 3	20 48	0 38	17 51	0 12	21 48	0 26	17 31	1 39	7 41	13 55	20 23	20 12	26 6	17 34	5 36			
T 6	15 40	21 9	0 15	23 30	2 29	11 59	1 14	18 9	0 3	20 50	0 38	17 51	0 12	21 48	0 26	17 31	1 39	7 41	13 55	20 23	20 13	26 6	17 34	5 37			
F 7	15 58	17 28	0s49	23 48	2 33	12 25	1 13	18 20	0 4	20 52	0 37	17 50	0 12	21 48	0 26	17 32	1 39	7 41	13 55	20 23	20 13	26 5	17 34	5 37			
S 8	16 15	13 1	1 51	24 4	2 37	12 51	1 11	18 31	0 4	20 55	0 37	17 50	0 12	21 49	0 26	17 32	1 39	7 41	13 55	20 23	20 14	26 4	17 33	5 37			
S 9	16 33	7 55	2 50	24 19	2 40	13 16	1 10	18 42	0 5	20 57	0 37	17 50	0 12	21 49	0 26	17 33	1 39	7 40	13 55	20 23	20 15	26 4	17 33	5 38			
M10	16 50	2 21	3 42	24 33	2 43	13 41	1 8	18 53	0 6	20 59	0 37	17 49	0 13	21 49	0 26	17 33	1 39	7 40	13 55	20 24	20 15	26 3	17 32	5 38			
T 11	17 6	3s30	4 23	24 45	2 45	14 6	1 7	19 3	0 6	21 1	0 37	17 49	0 13	21 49	0 26	17 34	1 39	7 40	13 55	20 25	20 16	26 3	17 32	5 38			
W12	17 23	9 24	4 52	24 56	2 47	14 31	1 5	19 14	0 7	21 3	0 37	17 49	0 13	21 49	0 26	17 34	1 39	7 40	13 55	20 26	20 17	26 2	17 31	5 39			
T 13	17 39	14 59	5 3	25 6	2 48	14 55	1 3	19 24	0 7	21 5	0 37	17 49	0 13	21 49	0 26	17 35	1 39	7 39	13 55	20 28	20 17	26 1	17 31	5 39			
F 14	17 55	19 53	4 54	25 14	2 49	15 18	1 2	19 34	0 8	21 7	0 37	17 49	0 13	21 49	0 26	17 35	1 39	7 39	13 55	20 31	20 18	26 1	17 30	5 39			
S 15	18 11	23 36	4 26	25 21	2 49	15 42	1 0	19 44	0 8	21 9	0 37	17 49	0 13	21 50	0 26	17 36	1 39	7 39	13 56	20 33	20 19	26 0	17 30	5 40			
S 16	18 26	25 42	3 39	25 26	2 49	16 5	0 58	19 54	0 9	21 12	0 37	17 49	0 13	21 50	0 26	17 36	1 39	7 39	13 56	20 34	20 19	25 59	17 29	5 40			
M17	18 41	25 56	2 37	25 30	2 47	16 27	0 56	20 4	0 10	21 14	0 36	17 48	0 13	21 50	0 26	17 37	1 39	7 39	13 56	20 35	20 20	25 59	17 29	5 40			
T 18	18 56	24 18	1 25	25 32	2 45	16 49	0 54	20 14	0 10	21 16	0 36	17 48	0 14	21 50	0 26	17 37	1 39	7 38	13 56	20 36	20 21	25 58	17 29	5 40			
W19	19 10	21 3	0 9	25 33	2 42	17 11	0 52	20 23	0 11	21 18	0 36	17 48	0 14	21 50	0 26	17 38	1 39	7 38	13 56	20 36	20 21	25 57	17 28	5 41			
T 20	19 24	16 36	1n 7	25 32	2 38	17 32	0 51	20 32	0 11	21 20	0 36	17 48	0 14	21 50	0 26	17 38	1 39	7 38	13 56	20 36	20 22	25 57	17 28	5 41			
F 21	19 38	11 23	2 16	25 30	2 33	17 53	0 49	20 41	0 12	21 22	0 36	17 49	0 14	21 51	0 26	17 39	1 39	7 38	13 56	20 36	20 23	25 56	17 27	5 41			
S 22	19 51	5 44	3 17	25 25	2 27	18 13	0 47	20 50	0 13	21 23	0 36	17 49	0 14	21 51	0 27	17 40	1 39	7 38	13 56	20 36	20 23	25 55	17 27	5 42			
S 23	20 4	0n 1	4 5	25 19	2 19	18 33	0 44	20 59	0 13	21 25	0 36	17 49	0 14	21 51	0 27	17 40	1 39	7 38	13 56	20 37	20 24	25 55	17 26	5 42			
M24	20 17	5 39	4 40	25 11	2 10	18 52	0 42	21 7	0 14	21 27	0 36	17 49	0 14	21 51	0 27	17 41	1 39	7 37	13 56	20 38	20 24	25 54	17 26	5 42			
T 25	20 29	10 56	5 0	25 1	2 0	19 11	0 40	21 16	0 14	21 29	0 36	17 49	0 14	21 52	0 27	17 41	1 39	7 37	13 56	20 39	20 25	25 53	17 26	5 42			
W26	20 41	15 42	5 5	24 48	1 48	19 29	0 38	21 24	0 15	21 31	0 36	17 49	0 15	21 52	0 27	17 42	1 39	7 37	13 56	20 41	20 26	25 52	17 25	5 42			
T 27	20 52	19 45	4 57	24 33	1 35	19 46	0 36	21 32	0 16	21 33	0 36	17 50	0 15	21 52	0 27	17 42	1 39	7 37	13 56	20 43	20 26	25 52	17 25	5 43			
F 28	21 3	22 54	4 34	24 16	1 20	20 4	0 34	21 39	0 16	21 35	0 35	17 50	0 15	21 52	0 27	17 43	1 39	7 37	13 56	20 45	20 27	25 51	17 24	5 43			
S 29	21 14	25 1	4 0	23 57	1 3	20 20	0 31	21 47	0 17	21 37	0 35	17 50	0 15	21 53	0 27	17 43	1 39	7 37	13 56	20 46	20 28	25 50	17 24	5 43			
S 30	21s24	25n58	3n15	23s35	0s45	20s36	0n29	21s54	0s17	21s38	0n35	17n50	0n15	21n53	0n27	17s44	1n39	7n36	13s56	20s48	20s28	25n50	17n24	5s43			

# ASTRODIENST EPHEMERIS for the year 2623

DECEMBER 2623

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	4 37 16	7°58'59	28°55	17°R 3	6°22	9°27 3	12°246	10°R17	22°R45	26°M37	6°R38	26°R19	28°3 3	29°II38	21°R42	M 1
T 2	4 41 13	8°59'30	10°543	15°255	7°37	9°46	12°59	10°R16	22°R43	26°39	6°II37	26°R15	28° 0	29°44	21°II38	T 2
W 3	4 45 9	10° 0'03	22°30	14°40	8°53	10°28	13°12	10°15	22°42	26°42	6°36	26°D14	27°57	29°51	21°35	W 3
T 4	4 49 6	11° 0'38	4°20	13°20	10° 8	11°11	13°26	10°14	22°40	26°44	6°35	26°14	27°54	29°58	21°32	T 4
F 5	4 53 2	12° 1'14	16°18	11°58	11°23	11°54	13°39	10°13	22°38	26°46	6°33	26°16	27°50	0°5 4	21°28	F 5
S 6	4 56 59	13° 1'52	28°27	10°37	12°39	12°37	13°53	10°11	22°36	26°48	6°32	26°17	27°47	0°11	21°25	S 6
S 7	5 0 55	14° 2'31	10°53	9°19	13°54	13°19	14° 6	10°10	22°35	26°50	6°31	26°R18	27°44	0°18	21°22	S 7
M 8	5 4 52	15° 3'12	23°41	8° 6	15°10	14° 2	14°19	10° 8	22°33	26°52	6°30	26°18	27°41	0°24	21°18	M 8
T 9	5 8 48	16° 3'55	6°54	7° 1	16°25	14°45	14°33	10° 6	22°31	26°55	6°29	26°16	27°38	0°31	21°15	T 9
W10	5 12 45	17° 4'39	20°36	6° 6	17°41	15°28	14°46	10° 4	22°29	26°57	6°28	26°12	27°34	0°38	21°11	W10
T 11	5 16 42	18° 5'25	4°47	5°22	18°56	16°12	15° 0	10° 2	22°27	26°59	6°27	26° 7	27°31	0°44	21° 8	T 11
F 12	5 20 38	19° 6'12	19°25	4°49	20°11	16°55	15°13	10° 0	22°25	27° 1	6°26	26° 1	27°28	0°51	21° 4	F 12
S 13	5 24 35	20° 7'01	4°25	4°27	21°27	17°38	15°26	9°58	22°23	27° 3	6°25	25°55	27°25	0°58	21° 1	S 13
S 14	5 28 31	21° 7'51	19°38	4°D17	22°42	18°21	15°40	9°56	22°21	27° 5	6°24	25°50	27°22	1° 4	20°57	S 14
M15	5 32 28	22° 8'42	4°53	4°18	23°58	19° 4	15°53	9°53	22°19	27° 7	6°22	25°47	27°19	1°11	20°54	M15
T 16	5 36 24	23° 9'34	20° 0	4°29	25°13	19°48	16° 7	9°51	22°17	27° 9	6°21	25°D46	27°15	1°18	20°50	T 16
W17	5 40 21	24°10'27	4°51	4°49	26°29	20°31	16°20	9°48	22°14	27°11	6°20	25°46	27°12	1°24	20°47	W17
T 18	5 44 18	25°11'21	19°20	5°18	27°44	21°15	16°33	9°45	22°12	27°14	6°19	25°47	27° 9	1°31	20°44	T 18
F 19	5 48 14	26°12'15	3°23	5°54	29° 0	21°58	16°47	9°43	22°10	27°16	6°18	25°49	27° 6	1°38	20°40	F 19
S 20	5 52 11	27°13'10	17° 1	6°37	0°315	22°42	17° 0	9°40	22° 8	27°18	6°17	25°50	27° 3	1°44	20°37	S 20
S 21	5 56 7	28°14'06	0°14	7°26	1°30	23°25	17°13	9°37	22° 5	27°20	6°16	25°R50	27° 0	1°51	20°33	S 21
M22	6 0 4	29°15'02	13° 6	8°20	2°46	24° 9	17°26	9°34	22° 3	27°22	6°15	25°50	26°56	1°58	20°30	M22
T 23	6 4 0	0°15'59	25°40	9°19	4° 1	24°53	17°40	9°30	22° 1	27°24	6°14	25°47	26°53	2° 4	20°26	T 23
W24	6 7 57	1°16'56	8°5 0	10°22	5°17	25°36	17°53	9°27	21°58	27°25	6°13	25°44	26°50	2°11	20°23	W24
T 25	6 11 53	2°17'54	20° 8	11°29	6°32	26°20	18° 6	9°24	21°56	27°27	6°12	25°40	26°47	2°18	20°20	T 25
F 26	6 15 50	3°18'53	2°11 7	12°38	7°48	27° 4	18°19	9°20	21°54	27°29	6°11	25°36	26°44	2°24	20°16	F 26
S 27	6 19 47	4°19'52	14° 1	13°50	9° 3	27°48	18°33	9°17	21°51	27°31	6°10	25°33	26°40	2°31	20°13	S 27
S 28	6 23 43	5°20'52	25°51	15° 5	10°19	28°32	18°46	9°13	21°49	27°33	6° 9	25°30	26°37	2°38	20° 9	S 28
M29	6 27 40	6°21'53	7°54	16°21	11°34	29°16	18°59	9° 9	21°46	27°35	6° 8	25°27	26°34	2°44	20° 6	M29
T 30	6 31 36	7°22'54	19°29	17°40	12°49	29°59	19°12	9° 6	21°44	27°37	6° 7	25°26	26°31	2°51	20° 3	T 30
W31	6 35 33	8°23'56	1°20	19°2 0	14°3 5	0°344	19°25	9°2 2	21°41	27°39	6°II 6	25°D26	26°328	2°558	20°II 0	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	21s34	25n43	2n22	23s10	0s26	20s51	0n27	22s 2	0s18	21s40	0n35	17n51	0n15	21n53	0n27	M 1
T 2	21 43	24 18	1 23	22 44	0 7	21 6	0 25	22 9	0 18	21 42	0 35	17 51	0 15	21 54	0 27	T 2
W 3	21 53	21 49	0 20	22 15	0n14	21 20	0 22	22 15	0 19	21 44	0 35	17 52	0 15	21 54	0 27	W 3
T 4	22 1	18 24	0s44	21 45	0 34	21 34	0 20	22 22	0 20	21 45	0 35	17 52	0 16	21 54	0 27	T 4
F 5	22 9	14 12	1 47	21 15	0 54	21 47	0 18	22 28	0 20	21 47	0 35	17 53	0 16	21 54	0 27	F 5
S 6	22 17	9 23	2 46	20 45	1 14	21 59	0 15	22 35	0 21	21 49	0 35	17 53	0 16	21 55	0 27	S 6
S 7	22 25	4 5	3 39	20 16	1 31	22 11	0 13	22 41	0 21	21 50	0 35	17 54	0 16	21 55	0 27	S 7
M 8	22 31	1s31	4 22	19 49	1 48	22 22	0 11	22 46	0 22	21 52	0 35	17 54	0 16	21 55	0 27	M 8
T 9	22 38	7 13	4 54	19 25	2 2	22 32	0 8	22 52	0 22	21 54	0 35	17 55	0 16	21 56	0 27	T 9
W10	22 44	12 48	5 10	19 4	2 14	22 42	0 6	22 57	0 23	21 55	0 35	17 56	0 16	21 56	0 27	W10
T 11	22 50	17 54	5 7	18 46	2 23	22 51	0 3	23 2	0 24	21 57	0 34	17 56	0 16	21 56	0 27	T 11
F 12	22 55	22 6	4 46	18 33	2 31	22 59	0 1	23 7	0 24	21 58	0 34	17 57	0 17	21 57	0 27	F 12
S 13	23 0	24 57	4 4	18 24	2 36	23 6	0s 1	23 12	0 25	22 0	0 34	17 58	0 17	21 57	0 27	S 13
S 14	23 4	26 1	3 5	18 19	2 40	23 13	0 4	23 16	0 25	22 1	0 34	17 58	0 17	21 58	0 27	S 14
M15	23 8	25 8	1 52	18 17	2 42	23 20	0 6	23 20	0 26	22 3	0 34	17 59	0 17	21 58	0 27	M15
T 16	23 11	22 24	0 32	18 19	2 42	23 25	0 9	23 24	0 26	22 4	0 34	18 0	0 17	21 58	0 27	T 16
W17	23 14	18 11	0n50	18 24	2 41	23 30	0 11	23 28	0 27	22 6	0 34	18 1	0 17	21 59	0 27	W17
T 18	23 16	12 59	2 6	18 31	2 38	23 34	0 13	23 32	0 28	22 7	0 34	18 2	0 17	21 59	0 27	T 18
F 19	23 18	7 15	3 12	18 41	2 35	23 37	0 16	23 35	0 28	22 8	0 34	18 2	0 17	21 59	0 27	F 19
S 20	23 20	1 21	4 5	18 52	2 30	23 40	0 18	23 38	0 29	22 10	0 34	18 3	0 18	22 0	0 27	S 20
S 21	23 21	4n26	4 44	19 5	2 25	23 42	0 20	23 41	0 29	22 11	0 34	18 4	0 18	22 0	0 27	S 21
M22	23 21	9 52	5 7	19 20	2 19	23 43	0 23	23 44	0 30	22 12	0 34	18 5	0 18	22 1	0 27	M22
T 23	23 22	14 46	5 14	19 35	2 13	23 43	0 25	23 46	0 30	22 14	0 34	18 6	0 18	22 1	0 27	T 23
W24	23 21	18 58	5 7	19 51	2 6	23 43	0 27	23 48	0 31	22 15	0 34	18 7	0 18	22 1	0 27	W24
T 25	23 20	22 19	4 46	20 7	1 59	23 42	0 30	23 50	0 32	22 16	0 34	18 8	0 18	22 2	0 27	T 25
F 26	23 19	24 39	4 13	20 23	1 52	23 40	0 32	23 52	0 32	22 17	0 34	18 9	0 18	22 2	0 27	F 26
S 27	23 17	25 52	3 29	20 39	1 44	23 37	0 34	23 53	0 33	22 19	0 34	18 10	0 18	22 3	0 27	S 27
S 28	23 15	25 54	2 36	20 56	1 37	23 34	0 36	23 54	0 33	22 20	0 33	18 11	0 19	22 3	0 27	S 28
M29	23 12	24 45	1 37	21 12	1 29	23 30	0 39	23 55	0 34	22 21	0 33	18 12	0 19	22 3	0 27	M29
T 30	23 9	22 30	0 33	21 27	1 21	23 25	0 41	23 56	0 34	22 22	0 33	18 14	0 19	22 4	0 27	T 30
W31	23s 6	19n16	0s33	21s42	1n13	23s20	0s43	23s56	0s35	22s23	0n33	18n15	0n19	22n 4	0n27	W31

Julian Day Number = 2679424.5, Delta T = 21m47s  
 Ecliptic obliquity = 23°21'34, Nutation = 0°00'14  
 Ayanamsha: Fagan/Bradley = 33°28'02, Lahiri = 32°35'02







# ASTRODIENST EPHEMERIS for the year 2624

APRIL 2624

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 38 16	11°24'10	14°27'34	23°R 3	8°47	10°57	3°56	3°R25	19°28	7	28°R22	5°59	21°R45	21°35	13°29	19°II 2	T 1
F 2	12 42 12	12°23'43	28°39	22°49	10° 0	11°43	4° 0	3°R25	19° 7	7	28°R21	6° 0	21°R43	21°32	13°16	19° 4	F 2
S 3	12 46 9	13°23'15	12°345	22°41	11°14	12°30	4° 3	3°24	19° 7	7	28°20	6° 1	21°42	21°29	13°23	19° 7	S 3
S 4	12 50 6	14°22'45	26°51	22°D39	12°27	13°17	4° 6	3°D24	19° 8	8	28°18	6° 2	21°42	21°26	13°29	19° 9	S 4
M 5	12 54 2	15°22'13	10°55	22°43	13°40	14° 4	4° 9	3°24	19° 8	8	28°17	6° 3	21°41	21°23	13°36	19°12	M 5
T 6	12 57 59	16°21'39	24°58	22°52	14°53	14°51	4°12	3°24	19° 9	9	28°16	6° 4	21°38	21°20	13°43	19°15	T 6
W 7	13 1 55	17°21'04	8°56	23° 7	16° 6	15°38	4°14	3°25	19° 9	9	28°15	6° 5	21°32	21°16	13°49	19°18	W 7
T 8	13 5 52	18°20'26	22°47	23°26	17°19	16°24	4°17	3°25	19°10	10	28°14	6° 6	21°24	21°13	13°56	19°20	T 8
F 9	13 9 48	19°19'47	6°Y29	23°51	18°32	17°11	4°19	3°26	19°10	10	28°13	6° 7	21°12	21°10	14° 3	19°23	F 9
S 10	13 13 45	20°19'06	19°58	24°20	19°45	17°58	4°21	3°26	19°11	11	28°12	6° 7	21° 0	21° 7	14° 9	19°26	S 10
S 11	13 17 41	21°18'23	3°810	24°53	20°58	18°45	4°23	3°27	19°12	12	28°11	6° 8	20°46	21° 4	14°16	19°29	S 11
M12	13 21 38	22°17'38	16° 5	25°31	22°11	19°32	4°25	3°28	19°13	13	28° 9	6° 9	20°34	21° 1	14°23	19°32	M12
T 13	13 25 34	23°16'51	28°41	26°12	23°24	20°18	4°26	3°29	19°14	14	28° 8	6°11	20°24	20°57	14°29	19°36	T 13
W14	13 29 31	24°16'01	11°II 1	26°57	24°37	21° 5	4°28	3°30	19°15	15	28° 7	6°12	20°16	20°54	14°36	19°39	W14
T 15	13 33 28	25°15'10	23° 6	27°45	25°49	21°52	4°29	3°31	19°15	15	28° 5	6°13	20°11	20°51	14°43	19°42	T 15
F 16	13 37 24	26°14'16	5°0	28°37	27° 2	22°39	4°30	3°32	19°17	17	28° 4	6°14	20° 9	20°48	14°49	19°45	F 16
S 17	13 41 21	27°13'20	16°49	29°32	28°14	23°25	4°30	3°33	19°18	18	28° 3	6°15	20°D 8	20°45	14°56	19°49	S 17
S 18	13 45 17	28°12'22	28°37	0°Y30	29°27	24°12	4°31	3°35	19°19	19	28° 2	6°16	20°R 8	20°41	15° 2	19°52	S 18
M19	13 49 14	29°11'21	10°II30	1°31	0°II39	24°59	4°31	3°36	19°20	20	28° 0	6°17	20° 8	20°38	15° 9	19°56	M19
T 20	13 53 10	0°810'18	2°34	1°52	25°46	4°32	3°38	19°21	27°59	21	6°18	20° 6	20°35	15°16	19°59	T 20	
W21	13 57 7	1° 9'13	4°II53	3°40	3° 4	26°32	4°R32	3°40	19°22	22	27°57	6°19	20° 2	20°32	15°22	20° 3	W21
T 22	14 1 3	2° 8'06	17°32	4°48	4°16	27°19	4°31	3°42	19°24	24	27°56	6°20	19°55	20°29	15°29	20° 6	T 22
F 23	14 5 0	3° 6'56	0°II32	5°59	5°28	28° 6	4°31	3°44	19°25	25	27°55	6°21	19°46	20°26	15°36	20°10	F 23
S 24	14 8 57	4° 5'45	13°56	7°12	6°40	28°52	4°30	3°46	19°27	27	27°53	6°23	19°35	20°22	15°42	20°13	S 24
S 25	14 12 53	5° 4'31	27°42	8°27	7°53	29°39	4°30	3°48	19°28	28	27°52	6°24	19°24	20°19	15°49	20°17	S 25
M26	14 16 50	6° 3'15	11°II47	9°44	9° 4	0°Y26	4°29	3°50	19°29	29	27°50	6°25	19°12	20°16	15°56	20°21	M26
T 27	14 20 46	7° 1'58	26° 5	11° 3	10°16	1°12	4°28	3°53	19°31	31	27°49	6°26	19° 3	20°13	16° 2	20°25	T 27
W28	14 24 43	8° 0'39	10°II30	12°25	11°28	1°59	4°26	3°55	19°33	33	27°47	6°27	18°55	20°10	16° 9	20°29	W28
T 29	14 28 39	8°59'18	24°57	13°48	12°40	2°45	4°25	3°58	19°34	34	27°46	6°29	18°51	20° 6	16°16	20°33	T 29
F 30	14 32 36	9°57'55	9°321	15°Y13	13°II52	3°Y32	4°323	4° 0	19°36	36	27°44	6°II30	18°349	20°3	16°22	20°II36	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	4n30	25s30	3 s 3	1s34	1n17	14n16	0s 7	8s32	1s11	22s46	0n32	19n46	0n27	22n27	0n27	18s 2	1n44
F 2	4 53	25 20	1 59	1 54	1 1	14 42	0 4	8 15	1 11	22 46	0 32	19 46	0 27	22 27	0 27	18 2	1 44
S 3	5 16	23 32	0 47	2 11	0 46	15 7	0 2	7 57	1 12	22 46	0 32	19 46	0 27	22 27	0 27	18 2	1 44
S 4	5 39	20 16	0n27	2 26	0 31	15 33	0n 1	7 39	1 12	22 46	0 32	19 46	0 27	22 27	0 27	18 1	1 44
M 5	6 2	15 50	1 40	2 38	0 17	15 57	0 4	7 21	1 12	22 46	0 32	19 46	0 27	22 27	0 27	18 1	1 44
T 6	6 25	10 33	2 46	2 47	0 3	16 22	0 7	7 3	1 12	22 46	0 32	19 46	0 27	22 26	0 27	18 1	1 44
W 7	6 47	4 46	3 42	2 54	0s11	16 46	0 10	6 45	1 12	22 46	0 32	19 46	0 27	22 26	0 27	18 1	1 44
T 8	7 10	1n12	4 24	2 58	0 24	17 9	0 13	6 27	1 12	22 46	0 32	19 46	0 27	22 26	0 27	18 0	1 44
F 9	7 32	7 1	4 51	3 0	0 37	17 33	0 16	6 9	1 12	22 46	0 32	19 46	0 28	22 26	0 27	18 0	1 44
S 10	7 55	12 24	5 0	3 0	0 49	17 55	0 19	5 51	1 12	22 46	0 32	19 46	0 28	22 26	0 27	18 0	1 44
S 11	8 17	17 7	4 53	2 57	1 0	18 18	0 22	5 33	1 12	22 45	0 32	19 46	0 28	22 26	0 27	17 59	1 44
M12	8 39	20 55	4 31	2 52	1 11	18 39	0 25	5 15	1 13	22 45	0 32	19 46	0 28	22 26	0 27	17 59	1 44
T 13	9 1	23 39	3 57	2 45	1 21	19 1	0 28	4 56	1 13	22 45	0 32	19 46	0 28	22 26	0 27	17 59	1 44
W14	9 23	25 11	3 11	2 36	1 31	19 22	0 31	4 38	1 13	22 45	0 32	19 46	0 28	22 26	0 27	17 59	1 44
T 15	9 44	25 29	2 18	2 25	1 40	19 42	0 34	4 20	1 13	22 45	0 32	19 45	0 28	22 25	0 27	17 58	1 45
F 16	10 6	24 35	1 19	2 12	1 48	20 2	0 37	4 1	1 13	22 45	0 32	19 45	0 28	22 25	0 27	17 58	1 45
S 17	10 27	22 36	0 18	1 58	1 56	20 21	0 40	3 43	1 13	22 45	0 32	19 45	0 28	22 25	0 27	17 58	1 45
S 18	10 48	19 38	0s45	1 41	2 3	20 40	0 43	3 25	1 13	22 45	0 32	19 44	0 28	22 25	0 27	17 57	1 45
M19	11 9	15 51	1 46	1 23	2 10	20 58	0 46	3 6	1 13	22 45	0 32	19 44	0 28	22 25	0 27	17 57	1 45
T 20	11 30	11 22	2 43	1 4	2 16	21 16	0 49	2 48	1 13	22 45	0 32	19 44	0 28	22 25	0 27	17 57	1 45
W21	11 50	6 22	3 34	0 43	2 21	21 33	0 52	2 29	1 13	22 45	0 32	19 43	0 28	22 24	0 27	17 56	1 45
T 22	12 11	0 59	4 15	0 20	2 26	21 50	0 55	2 11	1 13	22 45	0 32	19 43	0 28	22 24	0 27	17 56	1 45
F 23	12 31	4s34	4 45	0n 4	2 30	22 6	0 58	1 52	1 13	22 45	0 32	19 43	0 28	22 24	0 27	17 56	1 45
S 24	12 51	10 5	5 0	0 29	2 34	22 21	1 1	1 34	1 13	22 45	0 32	19 42	0 28	22 24	0 27	17 55	1 45
S 25	13 10	15 16	4 58	0 56	2 37	22 36	1 4	1 15	1 13	22 45	0 32	19 42	0 28	22 23	0 27	17 55	1 45
M26	13 30	19 44	4 39	1 24	2 40	22 50	1 6	0 57	1 13	22 45	0 32	19 41	0 28	22 23	0 27	17 55	1 45
T 27	13 49	23 7	4 2	1 53	2 42	23 3	1 9	0 38	1 13	22 46	0 32	19 41	0 28	22 23	0 27	17 54	1 45
W28	14 8	25 3	3 9	2 23	2 43	23 16	1 12	0 20	1 13	22 46	0 32	19 40	0 28	22 23	0 27	17 54	1 45
T 29	14 27	25 19	2 3	2 54	2 44	23 29	1 15	0 1	1 13	22 46	0 31	19 40	0 28	22 22	0 27	17 53	1 45
F 30	14n45	23s52	0s50	3n27	2s45	23n40	1n18	0n18	1s12	22s46	0n31	19n39	0n28	22n22	0n27	17s53	1n45

Julian Day Number = 2679546.5, Delta T = 21m48s  
 Ecliptic obliquity = 23°21'33, Nutation = 0°00'15  
 Ayanamsha: Fagan/Bradley = 33°28'19, Lahiri = 32°35'19



## ASTRODIENST EPHEMERIS for the year 2624

JUNE 2624

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 38 46	10II58'53	16K12	15II41	21☾19	28Y 8	2°R 2	6Ω15	20☾53	26°R53	7II12	16°R59	18☾22	19☾55	22II59	T 1
W 2	16 42 42	11°56'38	29°42	17°52	22°27	28°54	1°35	6°21	20°56	26°50	7°13	16°57	18°18	20° 1	23° 4	W 2
T 3	16 46 39	12°54'21	12Y57	20° 1	23°36	29°39	1°48	6°26	20°59	26°50	7°15	16°54	18°15	20° 8	23° 8	T 3
F 4	16 50 35	13°52'03	25°55	22° 9	24°44	0☾25	1°41	6°32	21° 2	26°48	7°16	16°50	18°12	20°15	23°13	F 4
S 5	16 54 32	14°49'44	8☾40	24°16	25°52	1°10	1°34	6°38	21° 5	26°47	7°17	16°45	18° 9	20°21	23°18	S 5
S 6	16 58 29	15°47'24	21°12	26°21	27° 0	1°56	1°27	6°43	21° 8	26°45	7°19	16°40	18° 6	20°28	23°23	S 6
M 7	17 2 25	16°45'03	3II32	28°24	28° 8	2°41	1°20	6°49	21°11	26°44	7°20	16°35	18° 3	20°35	23°28	M 7
T 8	17 6 22	17°42'41	15°42	0☾26	29°15	3°26	1°13	6°55	21°14	26°42	7°21	16°31	17°59	20°41	23°33	T 8
W 9	17 10 18	18°40'18	27°43	2°25	0Ω23	4°12	1° 6	7° 1	21°17	26°41	7°23	16°28	17°56	20°48	23°37	W 9
T 10	17 14 15	19°37'54	9☾36	4°21	1°30	4°57	0°58	7° 7	21°21	26°39	7°24	16°27	17°53	20°55	23°42	T 10
F 11	17 18 11	20°35'29	21°25	6°15	2°37	5°42	0°51	7°13	21°24	26°38	7°25	16°D27	17°50	21° 1	23°47	F 11
S 12	17 22 8	21°33'02	3Ω12	8° 7	3°44	6°27	0°43	7°19	21°27	26°36	7°27	16°28	17°47	21° 8	23°52	S 12
S 13	17 26 4	22°30'34	15° 0	9°56	4°51	7°12	0°36	7°26	21°30	26°35	7°28	16°29	17°44	21°15	23°57	S 13
M14	17 30 1	23°28'05	26°53	11°43	5°58	7°57	0°28	7°32	21°34	26°33	7°29	16°31	17°40	21°21	24° 2	M14
T 15	17 33 58	24°25'35	8II56	13°26	7° 5	8°42	0°21	7°38	21°37	26°32	7°31	16°32	17°37	21°28	24° 7	T 15
W16	17 37 54	25°23'03	21°13	15° 7	8°11	9°27	0°13	7°45	21°40	26°31	7°32	16°R33	17°34	21°34	24°12	W16
T 17	17 41 51	26°20'30	3Ω50	16°46	9°17	10°12	0° 6	7°51	21°44	26°29	7°33	16°33	17°31	21°41	24°17	T 17
F 18	17 45 47	27°17'56	16°49	18°21	10°23	10°56	29°58	7°58	21°47	26°28	7°35	16°32	17°28	21°48	24°21	F 18
S 19	17 49 44	28°15'21	0II14	19°54	11°29	11°41	29°50	8° 4	21°50	26°27	7°36	16°30	17°24	21°54	24°26	S 19
S 20	17 53 40	29°12'45	14° 7	21°24	12°35	12°26	29°43	8°11	21°54	26°25	7°37	16°28	17°21	22° 1	24°31	S 20
M21	17 57 37	0☾10'08	28°26	22°51	13°40	13°10	29°35	8°17	21°57	26°24	7°38	16°26	17°18	22° 8	24°36	M21
T 22	18 1 33	1° 7'30	13☾8	24°16	14°45	13°55	29°28	8°24	22° 1	26°23	7°40	16°24	17°15	22°14	24°41	T 22
W23	18 5 30	2° 4'52	28° 6	25°37	15°50	14°39	29°20	8°31	22° 4	26°21	7°41	16°23	17°12	22°21	24°46	W23
T 24	18 9 27	3° 2'12	13☾13	26°56	16°55	15°24	29°12	8°38	22° 8	26°20	7°42	16°D22	17° 9	22°28	24°51	T 24
F 25	18 13 23	3°59'32	28°19	28°11	17°59	16° 8	29° 5	8°44	22°11	26°19	7°43	16°22	17° 5	22°34	24°56	F 25
S 26	18 17 20	4°56'52	13☾16	29°24	19° 4	16°52	28°57	8°51	22°14	26°18	7°45	16°23	17° 2	22°41	25° 0	S 26
S 27	18 21 16	5°54'11	27°57	0Ω33	20° 8	17°37	28°49	8°58	22°18	26°17	7°46	16°24	16°59	22°48	25° 5	S 27
M28	18 25 13	6°51'29	12K17	1°39	21°12	18°21	28°42	9° 5	22°22	26°15	7°47	16°25	16°56	22°54	25°10	M28
T 29	18 29 9	7°48'47	26°13	2°43	22°15	19° 5	28°34	9°12	22°25	26°14	7°48	16°25	16°53	23° 1	25°15	T 29
W30	18 33 6	8☾46'05	9Y46	3Ω42	23Ω19	19☾49	28☾27	9Ω12	22☾29	26°13	7°49	16°R25	16☾50	23☾ 8	25II20	W30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	22n 1	1s18	4n28	23n33	0n58	23n56	2n17	9n45	1s 5	22s51	0n30	19n 8	0n30	22n10	0n26	17s42
W 2	22 9	4n27	4 58	23 55	1 7	23 46	2 18	10 2	1 5	22 51	0 30	19 6	0 30	22 10	0 26	17 41
T 3	22 16	9 52	5 11	24 15	1 16	23 34	2 18	10 18	1 5	22 51	0 30	19 5	0 30	22 10	0 26	17 41
F 4	22 23	14 46	5 8	24 31	1 24	23 23	2 19	10 34	1 4	22 51	0 30	19 4	0 30	22 9	0 26	17 41
S 5	22 30	18 55	4 50	24 45	1 31	23 11	2 19	10 51	1 4	22 51	0 29	19 2	0 30	22 9	0 26	17 40
S 6	22 36	22 8	4 18	24 56	1 38	22 58	2 19	11 7	1 4	22 52	0 29	19 1	0 30	22 8	0 26	17 40
M 7	22 42	24 17	3 34	25 5	1 44	22 44	2 19	11 22	1 3	22 52	0 29	18 59	0 30	22 8	0 26	17 40
T 8	22 48	25 16	2 41	25 11	1 49	22 30	2 19	11 38	1 3	22 52	0 29	18 58	0 30	22 7	0 26	17 39
W 9	22 53	25 1	1 41	25 14	1 54	22 16	2 19	11 54	1 2	22 52	0 29	18 57	0 30	22 7	0 26	17 39
T 10	22 57	23 38	0 38	25 15	1 58	22 1	2 19	12 9	1 2	22 52	0 29	18 55	0 30	22 6	0 26	17 39
F 11	23 2	21 13	0s27	25 14	2 1	21 45	2 18	12 25	1 2	22 52	0 29	18 54	0 30	22 6	0 26	17 38
S 12	23 5	17 54	1 31	25 10	2 3	21 29	2 18	12 40	1 1	22 53	0 29	18 52	0 30	22 5	0 26	17 38
S 13	23 9	13 53	2 31	25 4	2 5	21 13	2 17	12 55	1 1	22 53	0 29	18 51	0 30	22 5	0 26	17 38
M14	23 12	9 18	3 25	24 56	2 6	20 55	2 17	13 10	1 0	22 53	0 29	18 49	0 30	22 4	0 26	17 37
T 15	23 15	4 19	4 11	24 46	2 6	20 38	2 16	13 25	1 0	22 53	0 28	18 47	0 30	22 4	0 26	17 37
W16	23 17	0s55	4 46	24 34	2 5	20 20	2 15	13 39	0 59	22 53	0 28	18 46	0 31	22 3	0 26	17 37
T 17	23 18	6 14	5 8	24 21	2 3	20 1	2 14	13 54	0 59	22 53	0 28	18 44	0 31	22 3	0 26	17 36
F 18	23 20	11 27	5 16	24 6	2 1	19 42	2 13	14 8	0 58	22 53	0 28	18 43	0 31	22 2	0 26	17 36
S 19	23 21	16 18	5 7	23 50	1 58	19 23	2 11	14 22	0 58	22 54	0 28	18 41	0 31	22 1	0 26	17 36
S 20	23 21	20 29	4 40	23 32	1 54	19 3	2 10	14 36	0 57	22 54	0 28	18 39	0 31	22 1	0 26	17 36
M21	23 22	23 34	3 55	23 14	1 49	18 43	2 8	14 50	0 57	22 54	0 28	18 38	0 31	22 0	0 26	17 35
T 22	23 21	25 10	2 54	22 54	1 44	18 23	2 7	15 4	0 56	22 54	0 28	18 36	0 31	22 0	0 26	17 35
W23	23 21	25 0	1 40	22 33	1 38	18 2	2 5	15 18	0 56	22 54	0 28	18 34	0 31	21 59	0 26	17 35
T 24	23 19	23 0	0 17	22 12	1 31	17 40	2 3	15 31	0 55	22 54	0 27	18 33	0 31	21 59	0 26	17 35
F 25	23 18	19 21	1n 6	21 49	1 24	17 19	2 1	15 44	0 55	22 54	0 27	18 31	0 31	21 58	0 26	17 34
S 26	23 16	14 29	2 24	21 27	1 16	16 56	1 59	15 57	0 54	22 54	0 27	18 29	0 31	21 58	0 26	17 34
S 27	23 14	8 50	3 31	21 3	1 7	16 34	1 57	16 10	0 53	22 54	0 27	18 27	0 31	21 57	0 26	17 34
M28	23 11	2 52	4 23	20 40	0 58	16 11	1 54	16 23	0 53	22 54	0 27	18 26	0 31	21 56	0 26	17 34
T 29	23 8	3n 4	4 58	20 16	0 48	15 48	1 52	16 36	0 52	22 54	0 27	18 24	0 31	21 56	0 26	17 33
W30	23n 4	8n41	5n15	19n52	0n37	15n25	1n49	16n48	0s52	22s54	0n27	18n22	0n31	21n55	0n26	17s33

Julian Day Number = 2679607.5, Delta T = 21m49s

Ecliptic obliquity = 23°21'32, Nutation = 0°00'16

Ayanamsha: Fagan/Bradley = 33°28'27, Lahiri = 32°35'27







## ASTRODIENST EPHEMERIS for the year 2624

OCTOBER 2624

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	0 39 46	8♂ 7'13	26♂ 4	24♂ 1	29°R22	21♂43	27♂ 7	20♂40	27♂15	26♂38	8°R30	12°R33	11♂54	3♂26	0♂10	F 1
S 2	0 43 42	9° 5'53	8♂12	25°34	28♂49	22°17	27°14	20°46	27°16	26°40	8♂29	12♂24	11°51	3°33	0°11	S 2
S 3	0 47 39	10° 4'35	20°33	27° 7	28°18	22°51	27°21	20°52	27°18	26°42	8°29	12°13	11°48	3°39	0°11	S 3
M 4	0 51 35	11° 3'19	3♂ 8	28°38	27°48	23°25	27°28	20°58	27°19	26°43	8°28	12° 0	11°45	3°46	0°11	M 4
T 5	0 55 32	12° 2'06	15°59	0♂ 8	27°19	23°59	27°36	21° 4	27°21	26°45	8°27	11°46	11°41	3°53	0°11	T 5
W 6	0 59 28	13° 0'54	29° 3	1°38	26°53	24°32	27°43	21°10	27°22	26°47	8°27	11°34	11°38	3°59	0°11	W 6
T 7	1 3 25	13°59'44	12♂20	3° 7	26°29	25° 5	27°51	21°16	27°24	26°48	8°26	11°23	11°35	4° 6	0°R12	T 7
F 8	1 7 21	14°58'36	25°47	4°34	26° 7	25°38	27°59	21°21	27°25	26°50	8°26	11°14	11°32	4°12	0°12	F 8
S 9	1 11 18	15°57'30	9♂25	6° 1	25°47	26°11	28° 7	21°27	27°27	26°52	8°25	11° 9	11°29	4°19	0°11	S 9
S 10	1 15 15	16°56'26	23°10	7°26	25°29	26°44	28°15	21°32	27°28	26°54	8°25	11° 6	11°25	4°26	0°11	S 10
M11	1 19 11	17°55'23	7♂ 4	8°51	25°14	27°16	28°23	21°38	27°29	26°56	8°24	11° 5	11°22	4°32	0°11	M11
T 12	1 23 8	18°54'22	21° 5	10°15	25° 1	27°49	28°31	21°43	27°30	26°58	8°23	11° 5	11°19	4°39	0°11	T 12
W13	1 27 4	19°53'23	5♂14	11°37	24°51	28°21	28°40	21°49	27°31	26°59	8°23	11° 5	11°16	4°46	0°10	W13
T 14	1 31 1	20°52'25	19°29	12°58	24°43	28°52	28°48	21°54	27°32	27° 1	8°22	11° 2	11°13	4°52	0°10	T 14
F 15	1 34 57	21°51'29	3♂48	14°19	24°37	29°24	28°57	21°59	27°33	27° 3	8°21	10°57	11°10	4°59	0° 9	F 15
S 16	1 38 54	22°50'35	18° 8	15°38	24°34	29°55	29° 6	22° 4	27°34	27° 5	8°20	10°50	11° 6	5° 6	0° 9	S 16
S 17	1 42 50	23°49'42	2♂23	16°55	24°D33	0♂27	29°15	22° 9	27°35	27° 7	8°20	10°39	11° 3	5°12	0° 8	S 17
M18	1 46 47	24°48'52	16°29	18°12	24°35	0°58	29°24	22°14	27°36	27° 9	8°19	10°28	11° 0	5°19	0° 7	M18
T 19	1 50 43	25°48'03	0♂20	19°27	24°39	1°28	29°33	22°19	27°37	27°11	8°18	10°16	10°57	5°26	0° 6	T 19
W20	1 54 40	26°47'17	13°52	20°40	24°45	1°59	29°43	22°23	27°38	27°13	8°17	10° 5	10°54	5°32	0° 5	W20
T 21	1 58 37	27°46'32	27° 3	21°52	24°54	2°29	29°52	22°28	27°38	27°15	8°16	9°57	10°50	5°39	0° 5	T 21
F 22	2 2 33	28°45'50	9♂52	23° 2	25° 5	2°59	0♂ 2	22°33	27°39	27°17	8°16	9°50	10°47	5°46	0° 3	F 22
S 23	2 6 30	29°45'10	22°21	24°11	25°17	3°29	0°11	22°37	27°40	27°19	8°15	9°47	10°44	5°52	0° 2	S 23
S 24	2 10 26	0♂44'33	4♂32	25°17	25°32	3°58	0°21	22°42	27°40	27°21	8°14	9°D45	10°41	5°59	0° 1	S 24
M25	2 14 23	1°43'57	16°31	26°21	25°50	4°27	0°31	22°46	27°41	27°23	8°13	9°45	10°38	6° 6	29°II59	M25
T 26	2 18 19	2°43'24	28°22	27°23	26° 9	4°56	0°41	22°50	27°41	27°25	8°12	9°R46	10°35	6°12	29°59	T 26
W27	2 22 16	3°42'53	10♂11	28°22	26°30	5°25	0°51	22°54	27°42	27°27	8°11	9°46	10°31	6°19	29°57	W27
T 28	2 26 13	4°42'24	22° 2	29°18	26°52	5°54	1° 1	22°58	27°42	27°29	8°10	9°44	10°28	6°26	29°56	T 28
F 29	2 30 9	5°41'58	4♂ 2	0♂11	27°17	6°22	1°12	23° 2	27°42	27°31	8°10	9°40	10°25	6°32	29°54	F 29
S 30	2 34 6	6°41'34	16°14	1° 0	27°43	6°50	1°22	23° 6	27°42	27°34	8° 9	9°34	10°22	6°39	29°53	S 30
S 31	2 38 2	7♂41'11	28♂43	1♂46	28♂11	7♂17	1♂32	23♂10	27♂43	27♂36	8♂ 8	9♂25	10♂19	6♂46	29♂51	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	3s13	9n31	3s28	9s30	0s14	7s14	8s10	22n11	0n34	23s 8	0n12	15n11	0n40	21n 6	0n28	F 1
S 2	3 36	4 37	4 9	10 11	0 21	6 54	8 2	22 7	0 36	23 8	0 11	15 9	0 40	21 5	0 28	S 2
S 3	3 59	0s33	4 39	10 51	0 29	6 34	7 54	22 2	0 37	23 9	0 11	15 7	0 40	21 5	0 28	S 3
M 4	4 22	5 47	4 57	11 31	0 36	6 14	7 45	21 58	0 38	23 9	0 11	15 6	0 40	21 5	0 28	M 4
T 5	4 45	10 52	4 59	12 10	0 44	5 54	7 35	21 54	0 40	23 9	0 11	15 4	0 41	21 5	0 28	T 5
W 6	5 7	15 34	4 46	12 48	0 51	5 34	7 25	21 49	0 41	23 9	0 11	15 2	0 41	21 4	0 28	W 6
T 7	5 30	19 35	4 18	13 25	0 58	5 15	7 14	21 44	0 42	23 10	0 11	15 1	0 41	21 4	0 28	T 7
F 8	5 53	22 37	3 35	14 2	1 6	4 56	7 3	21 40	0 44	23 10	0 11	14 59	0 41	21 4	0 28	F 8
S 9	6 15	24 24	2 39	14 38	1 13	4 38	6 51	21 35	0 45	23 10	0 11	14 57	0 41	21 4	0 28	S 9
S 10	6 38	24 44	1 33	15 13	1 20	4 20	6 39	21 30	0 47	23 10	0 10	14 56	0 41	21 3	0 28	S 10
M11	7 1	23 32	0 21	15 47	1 28	4 2	6 27	21 25	0 48	23 11	0 10	14 54	0 41	21 3	0 28	M11
T 12	7 23	20 51	0n53	16 20	1 35	3 46	6 15	21 20	0 49	23 11	0 10	14 52	0 42	21 3	0 28	T 12
W13	7 45	16 53	2 4	16 53	1 42	3 30	6 2	21 15	0 51	23 11	0 10	14 51	0 42	21 3	0 28	W13
T 14	8 7	11 57	3 8	17 24	1 49	3 15	5 49	21 10	0 52	23 11	0 10	14 49	0 42	21 3	0 28	T 14
F 15	8 29	6 20	4 1	17 55	1 55	3 1	5 36	21 5	0 54	23 12	0 10	14 48	0 42	21 2	0 28	F 15
S 16	8 51	0 24	4 38	18 24	2 2	2 47	5 23	21 0	0 55	23 12	0 10	14 46	0 42	21 2	0 28	S 16
S 17	9 13	5n30	4 58	18 53	2 8	2 35	5 10	20 55	0 57	23 12	0 9	14 45	0 42	21 2	0 28	S 17
M18	9 35	11 4	5 0	19 21	2 14	2 24	4 57	20 49	0 58	23 12	0 9	14 43	0 42	21 2	0 28	M18
T 19	9 56	15 58	4 43	19 47	2 20	2 13	4 43	20 44	1 0	23 12	0 9	14 42	0 43	21 2	0 28	T 19
W20	10 18	19 56	4 11	20 13	2 26	2 4	4 30	20 39	1 1	23 12	0 9	14 41	0 43	21 2	0 28	W20
T 21	10 39	22 47	3 26	20 37	2 32	1 55	4 17	20 33	1 3	23 13	0 9	14 39	0 43	21 2	0 28	T 21
F 22	11 0	24 21	2 32	21 0	2 37	1 48	4 5	20 28	1 4	23 13	0 9	14 38	0 43	21 2	0 28	F 22
S 23	11 21	24 39	1 31	21 22	2 42	1 41	3 52	20 23	1 6	23 13	0 9	14 37	0 43	21 1	0 28	S 23
S 24	11 42	23 45	0 28	21 43	2 46	1 35	3 39	20 17	1 7	23 13	0 9	14 35	0 43	21 1	0 29	S 24
M25	12 2	21 45	0s36	22 2	2 51	1 31	3 27	20 12	1 9	23 13	0 9	14 34	0 44	21 1	0 29	M25
T 26	12 23	18 49	1 38	22 20	2 54	1 27	3 15	20 6	1 10	23 13	0 8	14 33	0 44	21 1	0 29	T 26
W27	12 43	15 9	2 35	22 37	2 58	1 24	3 3	20 1	1 12	23 13	0 8	14 32	0 44	21 1	0 29	W27
T 28	13 3	10 52	3 26	22 52	3 1	1 22	2 51	19 55	1 14	23 13	0 8	14 30	0 44	21 1	0 29	T 28
F 29	13 23	6 9	4 8	23 6	3 3	1 21	2 39	19 50	1 15	23 13	0 8	14 29	0 44	21 1	0 29	F 29
S 30	13 42	1 7	4 40	23 18	3 5	1 21	2 27	19 45	1 17	23 13	0 8	14 28	0 44	21 1	0 29	S 30
S 31	14s 2	4s 4	4s59	23s29	3s 6	1s22	2s16	19n39	1n19	23s13	0n 8	14n27	0n44	21n 1	0n29	S 31

Julian Day Number = 2679729.5, Delta T = 21m50s

Ecliptic obliquity = 23°21'32, Nutation = 0°00'17

Ayanamsha: Fagan/Bradley = 33°28'44, Lahiri = 32°35'44



## ASTRODIENST EPHEMERIS for the year 2624

DECEMBER 2624

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	4 40 15	8°44'44"	16°13'	19°45'	22°8'	18°31'	7°39'	24°17'	27°R22	28°45'	7°R35	7°R31	8°340	10°12	28°R31	W 1
T 2	4 44 12	9°45'20"	0°11'	20°24'	23°7'	18°45'	7°52'	24°18'	27°20	28°47'	7°II33	7°327	8°37	10°19	28°II28	T 2
F 3	4 48 9	10°45'56"	14°27'	21°11'	24°6'	18°59'	8°5'	24°18'	27°19	28°49'	7°32	7°24	8°34	10°26	28°24	F 3
S 4	4 52 5	11°46'35"	28°56'	22°4'	25°5'	19°12'	8°18'	24°18'	27°17	28°51'	7°31	7°22	8°31	10°32	28°21	S 4
S 5	4 56 2	12°47'14"	13°32'	23°2'	26°5'	19°24'	8°31'	24°R18	27°16	28°53'	7°30	7°D22	8°28	10°39	28°18	S 5
M 6	4 59 58	13°47'55"	28°8'	24°6'	27°6'	19°36'	8°44'	24°18'	27°14	28°56'	7°29	7°23	8°24	10°46	28°14	M 6
T 7	5 3 55	14°48'36"	12°39'	25°13'	28°7'	19°48'	8°57'	24°18'	27°12	28°58'	7°28	7°25	8°21	10°52	28°11	T 7
W 8	5 7 51	15°49'19"	27°1'	26°24'	29°8'	19°59'	9°10'	24°18'	27°11	29°0'	7°27	7°26	8°18	10°59	28°7	W 8
T 9	5 11 48	16°50'03"	11°12'	27°39'	0°10'	20°9'	9°23'	24°18'	27°9	29°2'	7°26	7°R27	8°15	11°6	28°4	T 9
F 10	5 15 44	17°50'47"	25°9'	28°56'	1°12'	20°18'	9°37'	24°17'	27°7	29°4'	7°24	7°27	8°12	11°12	28°0	F 10
S 11	5 19 41	18°51'33"	8°52'	0°15'	2°14'	20°27'	9°50'	24°17'	27°5	29°6'	7°23	7°26	8°8	11°19	27°57	S 11
S 12	5 23 38	19°52'19"	22°20'	1°36'	3°17'	20°35'	10°3'	24°16'	27°3	29°9'	7°22	7°24	8°5	11°26	27°53	S 12
M13	5 27 34	20°53'07"	5°34'	2°59'	4°20'	20°42'	10°17'	24°15'	27°1	29°11'	7°21	7°22	8°2	11°32	27°50	M13
T 14	5 31 31	21°53'55"	18°35'	4°23'	5°24'	20°49'	10°30'	24°14'	26°59	29°13'	7°20	7°19	7°59	11°39	27°46	T 14
W15	5 35 27	22°54'44"	1°22'	5°49'	6°28'	20°55'	10°43'	24°13'	26°57	29°15'	7°19	7°17	7°56	11°46	27°43	W15
T 16	5 39 24	23°55'35"	13°57'	7°15'	7°32'	21°0'	10°57'	24°12'	26°55	29°17'	7°18	7°15	7°53	11°52	27°39	T 16
F 17	5 43 20	24°56'26"	26°19'	8°43'	8°36'	21°5'	11°10'	24°11'	26°53	29°19'	7°17	7°14	7°49	11°59	27°35	F 17
S 18	5 47 17	25°57'18"	8°30'	10°11'	9°41'	21°9'	11°24'	24°9	26°51	29°21'	7°16	7°D14	7°46	12°6	27°32	S 18
S 19	5 51 13	26°58'12"	20°32'	11°40'	10°46'	21°12'	11°37'	24°8	26°49	29°23'	7°15	7°15	7°43	12°12	27°28	S 19
M20	5 55 10	27°59'06"	2°27'	13°9'	11°52'	21°14'	11°51'	24°6	26°47	29°25'	7°14	7°15	7°40	12°19	27°25	M20
T 21	5 59 7	29°0'02"	14°16'	14°39'	12°57'	21°16'	12°5'	24°5	26°45	29°27'	7°13	7°16	7°37	12°26	27°21	T 21
W22	6 3 3	0°58'	26°5'	16°9'	14°3'	21°R16	12°18'	24°3	26°43	29°29'	7°12	7°17	7°34	12°32	27°17	W22
T 23	6 7 0	1°15'	7°56'	17°40'	15°9'	21°16'	12°32'	24°1	26°40	29°31'	7°11	7°18	7°30	12°39	27°14	T 23
F 24	6 10 56	2°25'	19°54'	19°11'	16°16'	21°16'	12°45'	23°59	26°38	29°33'	7°10	7°18	7°27	12°46	27°10	F 24
S 25	6 14 53	3°35'	2°3'	20°42'	17°22'	21°14'	12°59'	23°57	26°36	29°35'	7°9	7°R18	7°24	12°52	27°7	S 25
S 26	6 18 49	4°45'	14°29'	22°13'	18°29'	21°11'	13°13'	23°55	26°33	29°37'	7°8	7°18	7°21	12°59	27°3	S 26
M27	6 22 46	5°55'	27°14'	23°45'	19°36'	21°8'	13°27'	23°52	26°31	29°39'	7°7	7°18	7°18	13°6	27°0	M27
T 28	6 26 42	6°65'	10°24'	25°17'	20°44'	21°4'	13°40'	23°50	26°29	29°41'	7°6	7°18	7°14	13°12	26°56	T 28
W29	6 30 39	7°8'02"	24°0'	26°49'	21°51'	20°59'	13°54'	23°48	26°26	29°43'	7°5	7°D18	7°11	13°19	26°52	W29
T 30	6 34 36	8°9'06"	8°2'	28°22'	22°59'	20°53'	14°8'	23°45	26°24	29°45'	7°4	7°18	7°8	13°26	26°49	T 30
F 31	6 38 32	9°10'12"	22°28'	29°54'	24°10'	20°46'	14°22'	23°42	26°21	29°47'	7°II3	7°318	7°35	13°32	26°II45	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	21s41	20s32	4s 5	15s14	2n28	6s59	1n44	17n26	2n19	23s 4	0n 5	14n10	0n50	21n 6	0n30	18s13	1n38
T 2	21 50	23 13	3 10	15 25	2 28	7 17	1 48	17 24	2 22	23 3	0 4	14 10	0 50	21 7	0 30	18 13	1 38
F 3	21 59	24 29	2 3	15 38	2 27	7 34	1 52	17 22	2 24	23 2	0 4	14 10	0 50	21 7	0 30	18 14	1 38
S 4	22 7	24 8	0 46	15 53	2 25	7 52	1 56	17 20	2 26	23 2	0 4	14 10	0 51	21 7	0 30	18 14	1 38
S 5	22 15	22 7	0n34	16 11	2 22	8 10	2 0	17 18	2 29	23 1	0 4	14 10	0 51	21 8	0 30	18 15	1 38
M 6	22 23	18 38	1 52	16 30	2 18	8 29	2 4	17 17	2 31	23 0	0 4	14 10	0 51	21 8	0 30	18 15	1 38
T 7	22 30	14 2	3 2	16 51	2 13	8 47	2 7	17 15	2 34	23 0	0 4	14 11	0 51	21 8	0 30	18 16	1 38
W 8	22 36	8 41	4 1	17 12	2 8	9 5	2 11	17 14	2 36	22 59	0 4	14 11	0 51	21 9	0 30	18 16	1 38
T 9	22 43	2 58	4 43	17 35	2 2	9 24	2 14	17 13	2 38	22 58	0 4	14 11	0 51	21 9	0 30	18 17	1 38
F 10	22 48	2n48	5 9	17 57	1 56	9 43	2 17	17 13	2 41	22 57	0 4	14 12	0 52	21 9	0 30	18 17	1 38
S 11	22 54	8 20	5 16	18 20	1 50	10 1	2 20	17 12	2 43	22 56	0 4	14 12	0 52	21 10	0 30	18 18	1 38
S 12	22 58	13 23	5 5	18 43	1 43	10 20	2 22	17 12	2 46	22 55	0 3	14 12	0 52	21 10	0 30	18 18	1 38
M13	23 3	17 43	4 39	19 6	1 37	10 39	2 25	17 12	2 48	22 54	0 3	14 13	0 52	21 10	0 30	18 18	1 38
T 14	23 7	21 6	3 58	19 29	1 29	10 58	2 27	17 12	2 51	22 53	0 3	14 13	0 52	21 11	0 30	18 19	1 38
W15	23 10	23 24	3 6	19 51	1 22	11 17	2 29	17 13	2 54	22 52	0 3	14 14	0 53	21 11	0 30	18 19	1 38
T 16	23 13	24 28	2 6	20 13	1 15	11 35	2 31	17 14	2 56	22 51	0 3	14 14	0 53	21 12	0 30	18 20	1 38
F 17	23 16	24 19	1 0	20 34	1 8	11 54	2 33	17 15	2 59	22 50	0 3	14 15	0 53	21 12	0 30	18 20	1 38
S 18	23 18	22 58	0s 7	20 55	1 0	12 13	2 35	17 16	3 1	22 49	0 3	14 16	0 53	21 13	0 30	18 21	1 38
S 19	23 19	20 35	1 13	21 14	0 53	12 32	2 36	17 17	3 4	22 48	0 3	14 16	0 53	21 13	0 30	18 21	1 38
M20	23 21	17 21	2 15	21 33	0 45	12 50	2 38	17 19	3 6	22 47	0 3	14 17	0 53	21 13	0 30	18 21	1 38
T 21	23 21	13 26	3 12	21 51	0 37	13 9	2 39	17 21	3 9	22 46	0 3	14 18	0 54	21 14	0 30	18 22	1 38
W22	23 22	9 1	3 59	22 9	0 30	13 27	2 40	17 23	3 12	22 45	0 3	14 18	0 54	21 14	0 30	18 22	1 38
T 23	23 21	4 16	4 37	22 25	0 23	13 46	2 41	17 26	3 14	22 44	0 2	14 19	0 54	21 15	0 30	18 23	1 38
F 24	23 21	0s40	5 3	22 40	0 15	14 4	2 42	17 29	3 17	22 43	0 2	14 20	0 54	21 15	0 30	18 23	1 39
S 25	23 19	5 39	5 16	22 54	0 8	14 22	2 42	17 32	3 20	22 41	0 2	14 21	0 54	21 16	0 30	18 23	1 39
S 26	23 18	10 32	5 15	23 7	0 1	14 40	2 43	17 35	3 22	22 40	0 2	14 22	0 55	21 16	0 30	18 24	1 39
M27	23 16	15 6	4 59	23 19	0s 6	14 57	2 43	17 38	3 25	22 39	0 2	14 23	0 55	21 17	0 30	18 24	1 39
T 28	23 13	19 6	4 26	23 30	0 13	15 15	2 44	17 42	3 28	22 38	0 2	14 24	0 55	21 17	0 30	18 25	1 39
W29	23 10	22 14	3 38	23 40	0 20	15 32	2 44	17 46	3 30	22 36	0 2	14 25	0 55	21 18	0 30	18 25	1 39
T 30	23 7	24 8	2 36	23 48	0 27	15 49	2 44	17 51	3 33	22 35	0 2	14 26	0 55	21 18	0 30	18 25	1 39
F 31	23s 3	24s30	1s22	23s55	0s34	16s 6	2n44	17n55	3n36	22s34	0n 2	14n27	0n55	21n18	0n30	18s26	1n39

Julian Day Number = 2679790.5, Delta T = 21m51s

Ecliptic obliquity = 23°21'30", Nutation = 0°00'16"

Ayanamsha: Fagan/Bradley = 33°28'53", Lahiri = 32°35'53"



# ASTRODIENST EPHEMERIS for the year 2625

FEBRUARY 2625

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 44 42	11°45'31	0°39	21°55	1°36	11°R 9	21°34	21°R35	25°R 0	0°33	6°R41	6°R52	5°23	17°12	25°R12	T 1
W 2	8 48 39	12°46'34	15°45	23°38	2°48	10°L45	21°55	21°L30	24°57	0°34	6°L41	6°L47	5°20	17°13	25°L10	W 2
T 3	8 52 35	13°47'36	0°32	25°20	4° 0	10°21	22° 8	21°26	24°55	0°35	6°40	6°41	5°17	17°19	25° 8	T 3
F 4	8 56 32	14°48'37	14°54	27° 2	5°12	9°57	22°21	21°21	24°53	0°36	6°40	6°37	5°14	17°26	25° 6	F 4
S 5	9 0 28	15°49'37	28°47	28°44	6°24	9°34	22°35	21°16	24°50	0°37	6°39	6°34	5°11	17°33	25° 4	S 5
S 6	9 4 25	16°50'36	12°12	0°24	7°36	9°11	22°48	21°11	24°48	0°38	6°39	6°D32	5° 7	17°39	25° 2	S 6
M 7	9 8 21	17°51'34	25°12	2° 4	8°49	8°48	23° 1	21° 6	24°45	0°38	6°39	6°32	5° 4	17°46	25° 0	M 7
T 8	9 12 18	18°52'30	7°14	3°43	10° 1	8°25	23°14	21° 1	24°43	0°39	6°39	6°34	5° 1	17°53	24°59	T 8
W 9	9 16 14	19°53'26	20° 8	5°20	11°13	8° 3	23°28	20°56	24°41	0°40	6°38	6°35	4°58	17°59	24°57	W 9
T 10	9 20 11	20°54'20	2°14	6°54	12°26	7°41	23°41	20°51	24°39	0°41	6°38	6°R36	4°55	18° 6	24°56	T 10
F 11	9 24 8	21°55'14	14°12	8°27	13°38	7°20	23°54	20°46	24°36	0°41	6°38	6°36	4°52	18°13	24°54	F 11
S 12	9 28 4	22°56'06	26° 4	9°56	14°50	6°59	24° 7	20°41	24°34	0°42	6°38	6°34	4°48	18°19	24°53	S 12
S 13	9 32 1	23°56'56	7°L53	11°21	16° 3	6°39	24°20	20°36	24°32	0°43	6°38	6°29	4°45	18°26	24°51	S 13
M14	9 35 57	24°57'46	19°43	12°42	17°16	6°19	24°33	20°32	24°30	0°43	6°38	6°22	4°42	18°33	24°50	M14
T 15	9 39 54	25°58'35	1°14	13°59	18°28	6° 0	24°46	20°27	24°28	0°44	6°37	6°14	4°39	18°39	24°49	T 15
W16	9 43 50	26°59'22	13°29	15° 9	19°41	5°42	24°58	20°22	24°26	0°44	6°37	6° 4	4°36	18°46	24°48	W16
T 17	9 47 47	28° 0'08	25°28	16°13	20°54	5°24	25°11	20°17	24°24	0°45	6°37	5°53	4°32	18°53	24°47	T 17
F 18	9 51 43	29° 0'54	7°L35	17°10	22° 6	5° 7	25°24	20°12	24°22	0°45	6°37	5°43	4°29	18°59	24°46	F 18
S 19	9 55 40	0°13	19°49	17°59	23°19	4°50	25°36	20° 7	24°20	0°46	6°D37	5°35	4°26	19° 6	24°45	S 19
S 20	9 59 37	1° 2'21	2°L15	18°39	24°32	4°35	25°49	20° 3	24°18	0°46	6°37	5°28	4°23	19°13	24°44	S 20
M21	10 3 33	2° 3'03	14°54	19°10	25°45	4°20	26° 2	19°58	24°16	0°46	6°37	5°24	4°20	19°20	24°43	M21
T 22	10 7 30	3° 3'45	27°50	19°30	26°58	4° 5	26°14	19°53	24°14	0°47	6°37	5°D23	4°17	19°26	24°43	T 22
W23	10 11 26	4° 4'25	11°L7	19°R41	28°11	3°52	26°26	19°48	24°12	0°47	6°37	5°23	4°13	19°33	24°42	W23
T 24	10 15 23	5° 5'04	24°47	19°41	29°24	3°39	26°39	19°44	24°10	0°47	6°37	5°24	4°10	19°40	24°42	T 24
F 25	10 19 19	6° 5'42	8°L52	19°30	0°37	3°27	26°51	19°39	24° 8	0°48	6°38	5°R24	4° 7	19°46	24°41	F 25
S 26	10 23 16	7° 6'19	23°22	19° 9	1°50	3°16	27° 3	19°34	24° 7	0°48	6°38	5°23	4° 4	19°53	24°41	S 26
S 27	10 27 12	8° 6'55	8°L14	18°38	3° 3	3° 5	27°15	19°30	24° 5	0°48	6°38	5°19	4° 1	20° 0	24°40	S 27
M28	10 31 9	9°13	23°22	17°L58	4°L16	2°L56	27°L28	19°L25	24°L3	0°L48	6°L38	5°L12	3°L58	20°L6	24°L40	M28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
T 1	17s12	7s17	4n12	15s56	1s53	21s34	1n47	21n43	4n31	21s38	0s 1	15n13	1n 0	21n34	0n31	T 1
W 2	16 55	1 8	4 51	15 18	1 49	21 36	1 44	21 50	4 32	21 36	0 1	15 14	1 0	21 34	0 31	W 2
T 3	16 38	4n57	5 9	14 40	1 44	21 37	1 41	21 57	4 32	21 34	0 1	15 16	1 0	21 35	0 31	T 3
F 4	16 20	10 35	5 8	14 0	1 38	21 38	1 38	22 3	4 32	21 32	0 2	15 18	1 1	21 35	0 31	F 4
S 5	16 2	15 30	4 48	13 19	1 32	21 38	1 35	22 9	4 32	21 30	0 2	15 19	1 1	21 36	0 31	S 5
S 6	15 44	19 28	4 13	12 37	1 25	21 37	1 32	22 15	4 31	21 28	0 2	15 21	1 1	21 36	0 31	S 6
M 7	15 26	22 20	3 26	11 54	1 17	21 36	1 28	22 21	4 31	21 26	0 2	15 23	1 1	21 36	0 31	M 7
T 8	15 7	24 0	2 30	11 11	1 9	21 34	1 25	22 27	4 31	21 24	0 2	15 24	1 1	21 37	0 31	T 8
W 9	14 48	24 28	1 28	10 27	1 0	21 31	1 22	22 32	4 30	21 22	0 2	15 26	1 1	21 37	0 31	W 9
T 10	14 29	23 44	0 24	9 43	0 50	21 28	1 19	22 37	4 29	21 20	0 2	15 28	1 1	21 38	0 31	T 10
F 11	14 9	21 55	0s41	8 59	0 39	21 25	1 15	22 42	4 29	21 17	0 2	15 29	1 1	21 38	0 31	F 11
S 12	13 50	19 10	1 43	8 15	0 28	21 20	1 12	22 47	4 28	21 15	0 2	15 31	1 1	21 38	0 31	S 12
S 13	13 30	15 39	2 41	7 31	0 15	21 15	1 9	22 51	4 27	21 13	0 2	15 33	1 2	21 39	0 31	S 13
M14	13 9	11 31	3 31	6 48	0 2	21 10	1 6	22 55	4 26	21 11	0 3	15 34	1 2	21 39	0 31	M14
T 15	12 49	6 57	4 12	6 6	0n11	21 4	1 2	22 59	4 25	21 9	0 3	15 36	1 2	21 40	0 31	T 15
W16	12 28	2 7	4 43	5 26	0 26	20 57	0 59	23 2	4 24	21 7	0 3	15 38	1 2	21 40	0 31	W16
T 17	12 8	2s49	5 1	4 47	0 41	20 50	0 56	23 6	4 22	21 4	0 3	15 39	1 2	21 40	0 31	T 17
F 18	11 47	7 41	5 5	4 11	0 56	20 42	0 52	23 9	4 21	21 2	0 3	15 41	1 2	21 41	0 31	F 18
S 19	11 25	12 18	4 56	3 38	1 12	20 33	0 49	23 11	4 20	21 0	0 3	15 42	1 2	21 41	0 31	S 19
S 20	11 4	16 29	4 33	3 7	1 28	20 24	0 45	23 14	4 18	20 58	0 3	15 44	1 2	21 41	0 31	S 20
M21	10 43	20 1	3 57	2 40	1 44	20 14	0 42	23 16	4 17	20 55	0 3	15 46	1 2	21 42	0 31	M21
T 22	10 21	22 39	3 7	2 18	2 0	20 4	0 39	23 18	4 15	20 53	0 3	15 47	1 2	21 42	0 31	T 22
W23	9 59	24 7	2 6	1 59	2 16	19 53	0 35	23 20	4 13	20 51	0 3	15 49	1 2	21 42	0 31	W23
T 24	9 37	24 12	0 57	1 45	2 31	19 41	0 32	23 21	4 12	20 49	0 4	15 50	1 2	21 43	0 31	T 24
F 25	9 15	22 45	0n19	1 36	2 46	19 29	0 29	23 22	4 10	20 47	0 4	15 52	1 2	21 43	0 31	F 25
S 26	8 52	19 48	1 34	1 32	2 59	19 16	0 25	23 23	4 8	20 44	0 4	15 53	1 3	21 43	0 31	S 26
S 27	8 30	15 29	2 46	1 33	3 11	19 3	0 22	23 24	4 6	20 42	0 4	15 55	1 3	21 43	0 31	S 27
M28	8s 7	10s 7	3n47	1s39	3n21	18s49	0n19	23n24	4n 5	20s40	0s 4	15n56	1n 3	21n44	0n31	M28

Julian Day Number = 2679852.5, Delta T = 21m52s  
 Ecliptic obliquity = 23°21'30, Nutation = 0°00'19  
 Ayanamsha: Fagan/Bradley = 33°29'01, Lahiri = 32°36'01

## ASTRODIENST EPHEMERIS for the year 2625

MARCH 2625

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 35 6	10° 8'02"	8° 38'	17° R10	5° 29'	2° R47	27° 34'	19° R21	24° R 2	0° 48'	6° 38'	5° R 4	3° 54'	20° 13'	24° R40	T 1
W 2	10 39 2	11° 8'34"	23° 49'	16° 16'	6° 43'	2° 39'	27° 51'	19° 17'	24° 00'	0° 48'	6° 38'	4° 53'	3° 51'	20° 20'	24° D40	W 2
T 3	10 42 59	12° 9'04"	8° 45'	15° 16'	7° 56'	2° 31'	28° 3'	19° 12'	23° 59'	0° R48	6° 39'	4° 43'	3° 48'	20° 26'	24° 40'	T 3
F 4	10 46 55	13° 9'32"	23° 18'	14° 12'	9° 9'	2° 25'	28° 15'	19° 8'	23° 57'	0° 48'	6° 39'	4° 34'	3° 45'	20° 33'	24° 40'	F 4
S 5	10 50 52	14° 9'58"	7° 22'	13° 6'	10° 22'	2° 19'	28° 27'	19° 4'	23° 56'	0° 48'	6° 39'	4° 26'	3° 42'	20° 40'	24° 40'	S 5
S 6	10 54 48	15° 10'23"	20° 56'	12° 0'	11° 36'	2° 14'	28° 38'	18° 59'	23° 55'	0° 48'	6° 40'	4° 21'	3° 38'	20° 46'	24° 41'	S 6
M 7	10 58 45	16° 10'45"	4° 11'	10° 55'	12° 49'	2° 10'	28° 50'	18° 55'	23° 53'	0° 48'	6° 40'	4° 19'	3° 35'	20° 53'	24° 41'	M 7
T 8	11 2 41	17° 11'06"	16° 41'	9° 53'	14° 2'	2° 7'	29° 1'	18° 51'	23° 52'	0° 48'	6° 40'	4° D18	3° 32'	21° 0'	24° 41'	T 8
W 9	11 6 38	18° 11'25"	29° 0'	8° 55'	15° 15'	2° 5'	29° 13'	18° 47'	23° 51'	0° 47'	6° 41'	4° R18	3° 29'	21° 7'	24° 42'	W 9
T 10	11 10 35	19° 11'42"	11° 54'	8° 2'	16° 29'	2° 3'	29° 24'	18° 43'	23° 50'	0° 47'	6° 41'	4° 18'	3° 26'	21° 13'	24° 42'	T 10
F 11	11 14 31	20° 11'57"	22° 59'	7° 15'	17° 42'	2° 2'	29° 35'	18° 40'	23° 48'	0° 47'	6° 41'	4° 17'	3° 23'	21° 20'	24° 43'	F 11
S 12	11 18 28	21° 12'10"	4° 48'	6° 34'	18° 56'	2° D 2	29° 46'	18° 36'	23° 47'	0° 47'	6° 42'	4° 13'	3° 19'	21° 27'	24° 44'	S 12
S 13	11 22 24	22° 12'21"	16° 36'	6° 0'	20° 9'	2° 2'	29° 57'	18° 32'	23° 46'	0° 46'	6° 42'	4° 6'	3° 16'	21° 33'	24° 44'	S 13
M14	11 26 21	23° 12'30"	28° 26'	5° 33'	21° 22'	2° 4'	0° 8'	18° 29'	23° 45'	0° 46'	6° 43'	3° 57'	3° 13'	21° 40'	24° 45'	M14
T 15	11 30 17	24° 12'37"	10° 21'	5° 13'	22° 36'	2° 6'	0° 19'	18° 25'	23° 44'	0° 46'	6° 43'	3° 45'	3° 10'	21° 47'	24° 46'	T 15
W16	11 34 14	25° 12'42"	22° 23'	5° 0'	23° 49'	2° 8'	0° 30'	18° 22'	23° 44'	0° 45'	6° 44'	3° 31'	3° 7'	21° 53'	24° 47'	W16
T 17	11 38 10	26° 12'45"	4° 33'	4° D54	25° 3'	2° 12'	0° 40'	18° 18'	23° 43'	0° 45'	6° 44'	3° 17'	3° 3'	22° 0'	24° 48'	T 17
F 18	11 42 7	27° 12'47"	16° 52'	4° 54'	26° 16'	2° 16'	0° 51'	18° 15'	23° 42'	0° 44'	6° 45'	3° 3'	3° 0'	22° 7'	24° 50'	F 18
S 19	11 46 3	28° 12'47"	29° 19'	5° 0'	27° 30'	2° 20'	1° 1'	18° 12'	23° 41'	0° 44'	6° 45'	2° 51'	2° 57'	22° 13'	24° 51'	S 19
S 20	11 50 0	29° 12'45"	11° 57'	5° 12'	28° 43'	2° 26'	1° 12'	18° 9'	23° 41'	0° 43'	6° 46'	2° 41'	2° 54'	22° 20'	24° 52'	S 20
M21	11 53 57	0° 12'41"	24° 46'	5° 30'	29° 57'	2° 32'	1° 22'	18° 6'	23° 40'	0° 43'	6° 47'	2° 35'	2° 51'	22° 27'	24° 53'	M21
T 22	11 57 53	1° 12'36"	7° 48'	5° 53'	1° 10'	2° 39'	1° 32'	18° 3'	23° 39'	0° 42'	6° 47'	2° 31'	2° 48'	22° 33'	24° 55'	T 22
W23	12 1 50	2° 12'30"	21° 5'	6° 21'	2° 24'	2° 46'	1° 42'	18° 0'	23° 39'	0° 41'	6° 48'	2° 30'	2° 44'	22° 40'	24° 56'	W23
T 24	12 5 46	3° 12'21"	4° 39'	6° 53'	3° 37'	2° 54'	1° 52'	17° 57'	23° 38'	0° 41'	6° 49'	2° 30'	2° 41'	22° 47'	24° 58'	T 24
F 25	12 9 43	4° 12'12"	18° 33'	7° 30'	4° 51'	3° 2'	2° 2'	17° 55'	23° 38'	0° 40'	6° 49'	2° 30'	2° 38'	22° 54'	25° 0'	F 25
S 26	12 13 39	5° 12'00"	2° 47'	8° 11'	6° 4'	3° 11'	2° 11'	17° 52'	23° 38'	0° 39'	6° 50'	2° 28'	2° 35'	23° 0'	25° 1'	S 26
S 27	12 17 36	6° 11'47"	17° 19'	8° 56'	7° 18'	3° 21'	2° 21'	17° 50'	23° 37'	0° 39'	6° 51'	2° 24'	2° 32'	23° 7'	25° 3'	S 27
M28	12 21 32	7° 11'32"	2° 7'	9° 44'	8° 32'	3° 31'	2° 30'	17° 47'	23° 37'	0° 38'	6° 51'	2° 17'	2° 29'	23° 14'	25° 5'	M28
T 29	12 25 29	8° 11'15"	17° 3'	10° 35'	9° 45'	3° 42'	2° 40'	17° 45'	23° 37'	0° 37'	6° 52'	2° 7'	2° 25'	23° 20'	25° 7'	T 29
W30	12 29 26	9° 10'56"	2° 0'	11° 30'	10° 59'	3° 54'	2° 49'	17° 43'	23° 37'	0° 36'	6° 53'	1° 56'	2° 22'	23° 27'	25° 9'	W30
T 31	12 33 22	10° 10'36"	16° 47'	12° 12'	12° 12'	4° 6'	2° 58'	17° 41'	23° 37'	0° 35'	6° 54'	1° 34'	2° 19'	23° 34'	25° 11'	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	7s45	4s 6	4n32	1s50	3n29	18s35	0n15	23n24	4n 3	20s38	0s 4	15n58	1n 3	21n44	0n31	18s35	1n42
W 2	7 22	2n 6	4 57	2 6	3 35	18 20	0 12	23 24	4 1	20 35	0 4	15 59	1 3	21 44	0 31	18 35	1 42
T 3	6 59	8 5	5 2	2 25	3 39	18 5	0 9	23 24	3 59	20 33	0 4	16 1	1 3	21 44	0 31	18 35	1 42
F 4	6 36	13 28	4 47	2 48	3 41	17 49	0 6	23 24	3 57	20 31	0 4	16 2	1 3	21 45	0 31	18 35	1 42
S 5	6 13	17 56	4 15	3 13	3 41	17 32	0 3	23 23	3 55	20 29	0 4	16 3	1 3	21 45	0 30	18 35	1 42
S 6	5 49	21 17	3 29	3 41	3 38	17 16	0s 1	23 22	3 53	20 26	0 5	16 5	1 3	21 45	0 30	18 35	1 42
M 7	5 26	23 24	2 34	4 9	3 33	16 58	0 4	23 21	3 51	20 24	0 5	16 6	1 3	21 45	0 30	18 35	1 42
T 8	5 3	24 13	1 32	4 39	3 26	16 40	0 7	23 20	3 49	20 22	0 5	16 7	1 3	21 46	0 30	18 35	1 42
W 9	4 39	23 49	0 28	5 8	3 18	16 22	0 10	23 18	3 47	20 20	0 5	16 8	1 3	21 46	0 30	18 35	1 42
T 10	4 16	22 18	0s36	5 37	3 8	16 3	0 13	23 17	3 44	20 17	0 5	16 10	1 3	21 46	0 30	18 35	1 42
F 11	3 52	19 49	1 37	6 5	2 56	15 44	0 16	23 15	3 42	20 15	0 5	16 11	1 3	21 46	0 30	18 35	1 42
S 12	3 29	16 30	2 34	6 31	2 44	15 24	0 19	23 13	3 40	20 13	0 5	16 12	1 3	21 46	0 30	18 35	1 42
S 13	3 5	12 34	3 24	6 56	2 31	15 4	0 22	23 11	3 38	20 11	0 5	16 13	1 3	21 46	0 30	18 34	1 42
M14	2 41	8 9	4 5	7 19	2 17	14 43	0 25	23 9	3 36	20 9	0 5	16 14	1 3	21 47	0 30	18 34	1 42
T 15	2 18	3 24	4 36	7 39	2 3	14 22	0 28	23 6	3 34	20 6	0 6	16 16	1 3	21 47	0 30	18 34	1 42
W16	1 54	1s30	4 54	7 57	1 49	14 1	0 30	23 3	3 32	20 4	0 6	16 17	1 3	21 47	0 30	18 34	1 42
T 17	1 30	6 23	5 0	8 13	1 35	13 39	0 33	23 1	3 30	20 2	0 6	16 18	1 3	21 47	0 30	18 34	1 43
F 18	1 6	11 5	4 51	8 26	1 21	13 17	0 36	22 58	3 28	20 0	0 6	16 19	1 3	21 47	0 30	18 34	1 43
S 19	0 43	15 23	4 29	8 37	1 7	12 54	0 39	22 55	3 26	19 58	0 6	16 20	1 3	21 47	0 30	18 34	1 43
S 20	0 19	19 4	3 53	8 45	0 53	12 31	0 41	22 51	3 24	19 56	0 6	16 21	1 3	21 47	0 30	18 33	1 43
M21	0n 5	21 53	3 5	8 51	0 39	12 8	0 44	22 48	3 22	19 53	0 6	16 22	1 3	21 47	0 30	18 33	1 43
T 22	0 29	23 37	2 7	8 55	0 26	11 45	0 46	22 44	3 20	19 51	0 6	16 23	1 3	21 47	0 30	18 33	1 43
W23	0 53	24 3	1 0	8 57	0 13	11 21	0 49	22 41	3 18	19 49	0 6	16 23	1 3	21 48	0 30	18 33	1 43
T 24	1 16	23 5	0n11	8 57	0 1	10 56	0 51	22 37	3 16	19 47	0 7	16 24	1 3	21 48	0 30	18 33	1 43
F 25	1 40	20 42	1 24	8 54	0s11	10 32	0 53	22 33	3 13	19 45	0 7	16 25	1 3	21 48	0 30	18 33	1 43
S 26	2 4	17 0	2 33	8 50	0 23	10 7	0 56	22 29	3 11	19 43	0 7	16 26	1 3	21 48	0 30	18 32	1 43
S 27	2 27	12 12	3 33	8 43	0 34	9 42	0 58	22 25	3 9	19 41	0 7	16 27	1 3	21 48	0 30	18 32	1 43
M28	2 51	6 38	4 20	8 35	0 44	9 17	1 0	22 20	3 8	19 39	0 7	16 27	1 3	21 48	0 30	18 32	1 43
T 29	3 14	0 38	4 50	8 25	0 54	8 51	1 2	22 16	3 6	19 37	0 7	16 28	1 3	21 48	0 30	18 32	1 43
W30	3 38	5n23	5 0	8 13	1 4	8 25	1 4	22 11	3 4	19 35	0 7	16 29	1 3	21 48	0 30	18 32	1 43
T 31	4n 1	11n 2	4n50	7s59	1s13	7s59	1s 6	22n 7	3n 2	19s33	0s 7	16n29	1n 3	21n48	0n30	18s31	1n43

Julian Day Number = 2679880.5, Delta T = 21m52s

Ecliptic obliquity = 23°21'30", Nutation = 0°00'18"

Ayanamsha: Fagan/Bradley = 33°29'05", Lahiri = 32°36'05"

# ASTRODIENST EPHEMERIS for the year 2625

APRIL 2625

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 37 19	11°10'13	18°16	13°28	13°26	4°18	3°7	17°R39	23°D37	0°R34	6°I55	1°R33	2°316	23°40	25°I13	F 1
S 2	12 41 15	12° 9'49	15°21	14°31	14°40	4°31	3°16	17°R37	23°D37	0°R33	6°55	1°324	2°13	23°47	25°16	S 2
S 3	12 45 12	13° 9'22	28°59	15°36	15°53	4°45	3°25	17°35	23°37	0°32	6°56	1°18	2° 9	23°54	25°18	S 3
M 4	12 49 8	14° 8'53	12°II 9	16°44	17° 7	4°59	3°33	17°34	23°37	0°31	6°57	1°14	2° 6	24° 0	25°20	M 4
T 5	12 53 5	15° 8'22	24°53	17°54	18°21	5°13	3°42	17°32	23°37	0°30	6°58	1°13	2° 3	24° 7	25°23	T 5
W 6	12 57 1	16° 7'49	7°E16	19° 6	19°34	5°28	3°50	17°31	23°37	0°29	6°59	1°D13	2° 0	24°14	25°25	W 6
T 7	13 0 58	17° 7'13	19°23	20°20	20°48	5°43	3°58	17°29	23°38	0°28	7° 0	1°R13	1°57	24°21	25°28	T 7
F 8	13 4 55	18° 6'35	18°19	21°36	22° 2	5°59	4° 6	17°28	23°38	0°27	7° 1	1°12	1°54	24°27	25°30	F 8
S 9	13 8 51	19° 5'54	13° 9	22°54	23°15	6°16	4°14	17°27	23°38	0°26	7° 2	1°10	1°50	24°34	25°33	S 9
S 10	13 12 48	20° 5'12	24°58	24°14	24°29	6°32	4°22	17°26	23°39	0°25	7° 3	1° 4	1°47	24°41	25°36	S 10
M11	13 16 44	21° 4'27	6°II51	25°36	25°43	6°49	4°30	17°25	23°39	0°24	7° 4	0°57	1°44	24°47	25°39	M11
T 12	13 20 41	22° 3'40	18°51	26°59	26°56	7° 7	4°37	17°24	23°40	0°23	7° 5	0°47	1°41	24°54	25°41	T 12
W13	13 24 37	23° 2'51	1°A 1	28°24	28°10	7°25	4°44	17°24	23°41	0°22	7° 6	0°35	1°38	25° 1	25°44	W13
T 14	13 28 34	24° 1'59	13°22	29°51	29°23	7°43	4°52	17°23	23°41	0°20	7° 7	0°23	1°35	25° 7	25°47	T 14
F 15	13 32 30	25° 1'06	25°55	1°Y19	0°Y37	8° 2	4°59	17°23	23°42	0°19	7° 8	0°11	1°31	25°14	25°50	F 15
S 16	13 36 27	26° 0'10	8°II40	2°49	1°51	8°21	5° 6	17°22	23°43	0°18	7° 9	0° 1	1°28	25°21	25°54	S 16
S 17	13 40 24	26°59'13	21°37	4°20	3° 4	8°41	5°13	17°22	23°44	0°17	7°10	29°A52	1°25	25°27	25°57	S 17
M18	13 44 20	27°58'14	4°A44	5°53	4°18	9° 0	5°19	17°22	23°44	0°15	7°11	29°47	1°22	25°34	26° 0	M18
T 19	13 48 17	28°57'13	18° 3	7°28	5°32	9°21	5°26	17°D22	23°45	0°14	7°12	29°45	1°19	25°41	26° 3	T 19
W20	13 52 13	29°56'10	1°333	9° 4	6°45	9°41	5°32	17°22	23°46	0°13	7°13	29°D44	1°15	25°48	26° 7	W20
T 21	13 56 10	0°B55'06	15°15	10°42	7°59	10° 2	5°38	17°22	23°47	0°11	7°14	29°45	1°12	25°54	26°10	T 21
F 22	14 0 6	1°54'00	29° 9	12°21	9°13	10°23	5°44	17°22	23°48	0°10	7°15	29°R45	1° 9	26° 1	26°13	F 22
S 23	14 4 3	2°52'52	13°A15	14° 2	10°26	10°45	5°50	17°23	23°50	0° 9	7°17	29°45	1° 6	26° 8	26°17	S 23
S 24	14 7 59	3°51'43	27°32	15°44	11°40	11° 6	5°56	17°23	23°51	0° 7	7°18	29°42	1° 3	26°14	26°20	S 24
M25	14 11 56	4°50'31	11°K58	17°28	12°54	11°28	6° 1	17°24	23°52	0° 6	7°19	29°38	1° 0	26°21	26°24	M25
T 26	14 15 53	5°49'18	26°29	19°13	14° 7	11°51	6° 7	17°25	23°53	0° 4	7°20	29°31	0°56	26°28	26°28	T 26
W27	14 19 49	6°48'04	10°Y59	21° 0	15°21	12°14	6°12	17°26	23°55	0° 3	7°21	29°23	0°53	26°34	26°31	W27
T 28	14 23 46	7°46'47	25°23	22°49	16°35	12°37	6°17	17°27	23°56	0° 1	7°22	29°15	0°50	26°41	26°35	T 28
F 29	14 27 42	8°45'29	9°B32	24°39	17°48	13° 0	6°22	17°28	23°57	29°II59	7°24	29° 7	0°47	26°48	26°39	F 29
S 30	14 31 39	9°B44'09	23°B24	26°Y31	19°Y 2	13°R23	6°A27	17°R29	23°E59	29°II58	7°II25	29°A 1	0°B44	26°R55	26°II43	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4n24	15n58	4n21	7s44	1s22	7s32	1s 8	22n 2	3n 0	19s31	0s 8	16n30	1n 3	21n48	0n30	F 1
S 2	4 48	19 51	3 37	7 27	1 30	7 6	1 10	21 57	2 58	19 29	0 8	16 30	1 3	21 48	0 30	S 2
S 3	5 11	22 30	2 42	7 9	1 37	6 39	1 12	21 52	2 56	19 27	0 8	16 31	1 3	21 48	0 30	S 3
M 4	5 34	23 49	1 39	6 49	1 44	6 12	1 14	21 46	2 54	19 25	0 8	16 31	1 3	21 48	0 30	M 4
T 5	5 57	23 49	0 34	6 28	1 51	5 45	1 15	21 41	2 52	19 24	0 8	16 32	1 3	21 48	0 30	T 5
W 6	6 19	22 38	0s32	6 6	1 57	5 18	1 17	21 36	2 50	19 22	0 8	16 32	1 3	21 48	0 30	W 6
T 7	6 42	20 24	1 35	5 42	2 3	4 50	1 18	21 30	2 49	19 20	0 8	16 33	1 3	21 47	0 30	T 7
F 8	7 5	17 19	2 33	5 17	2 8	4 23	1 20	21 24	2 47	19 18	0 8	16 33	1 3	21 47	0 30	F 8
S 9	7 27	13 34	3 23	4 50	2 12	3 55	1 21	21 18	2 45	19 16	0 9	16 33	1 3	21 47	0 30	S 9
S 10	7 50	9 18	4 5	4 22	2 17	3 27	1 23	21 12	2 43	19 15	0 9	16 34	1 3	21 47	0 30	S 10
M11	8 12	4 41	4 36	3 54	2 20	2 59	1 24	21 6	2 41	19 13	0 9	16 34	1 3	21 47	0 30	M11
T 12	8 34	0s 9	4 56	3 23	2 23	2 31	1 25	21 0	2 40	19 11	0 9	16 34	1 3	21 47	0 30	T 12
W13	8 56	5 1	5 2	2 52	2 26	2 3	1 26	20 54	2 38	19 10	0 9	16 34	1 3	21 47	0 30	W13
T 14	9 18	9 47	4 54	2 20	2 28	1 35	1 27	20 48	2 36	19 8	0 9	16 35	1 3	21 47	0 30	T 14
F 15	9 39	14 13	4 33	1 46	2 30	1 6	1 28	20 41	2 35	19 7	0 9	16 35	1 3	21 47	0 30	F 15
S 16	10 1	18 5	3 57	1 12	2 31	0 38	1 29	20 34	2 33	19 5	0 10	16 35	1 3	21 46	0 30	S 16
S 17	10 22	21 8	3 8	0 36	2 32	0 9	1 30	20 28	2 31	19 3	0 10	16 35	1 3	21 46	0 30	S 17
M18	10 43	23 8	2 9	0n 0	2 32	0n19	1 31	20 21	2 30	19 2	0 10	16 35	1 3	21 46	0 30	M18
T 19	11 4	23 51	1 2	0 38	2 32	0 47	1 31	20 14	2 28	19 1	0 10	16 35	1 3	21 46	0 30	T 19
W20	11 25	23 11	0n10	1 16	2 31	1 16	1 32	20 7	2 26	18 59	0 10	16 35	1 3	21 46	0 30	W20
T 21	11 45	21 8	1 22	1 56	2 29	1 44	1 33	20 0	2 25	18 58	0 10	16 35	1 3	21 46	0 30	T 21
F 22	12 6	17 48	2 31	2 36	2 28	2 13	1 33	19 52	2 23	18 56	0 10	16 35	1 3	21 45	0 30	F 22
S 23	12 26	13 25	3 31	3 17	2 25	2 41	1 33	19 45	2 22	18 55	0 11	16 34	1 3	21 45	0 30	S 23
S 24	12 46	8 13	4 19	3 59	2 22	3 10	1 34	19 38	2 20	18 54	0 11	16 34	1 3	21 45	0 30	S 24
M25	13 6	2 33	4 52	4 41	2 19	3 38	1 34	19 30	2 18	18 53	0 11	16 34	1 3	21 45	0 30	M25
T 26	13 25	3n17	5 5	5 25	2 15	4 6	1 34	19 22	2 17	18 51	0 11	16 34	1 3	21 44	0 30	T 26
W27	13 44	8 56	5 0	6 9	2 11	4 34	1 34	19 14	2 15	18 50	0 11	16 33	1 3	21 44	0 30	W27
T 28	14 3	14 3	4 35	6 53	2 6	5 3	1 34	19 6	2 14	18 49	0 11	16 33	1 3	21 44	0 30	T 28
F 29	14 22	18 19	3 54	7 39	2 1	5 31	1 34	18 58	2 12	18 48	0 11	16 33	1 3	21 44	0 30	F 29
S 30	14n41	21n27	2n59	8n24	1s55	5n59	1s34	18n50	2n11	18s47	0s12	16n32	1n 3	21n43	0n29	S 30

Julian Day Number = 2679911.5, Delta T = 21m52s  
Ecliptic obliquity = 23°21'30, Nutation = 0°00'17  
Ayanamsha: Fagan/Bradley = 33°29'09, Lahiri = 32°36'09



# ASTRODIENST EPHEMERIS for the year 2625

JUNE 2625

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	16 37 49	10♏45'16	23♏ 2	0♏35	28♏17	27♏54	7°R23	19♏ 0	25♏10	29°R 7	8♏ 7	28♏ 5	29♏ 2	0♏29	29♏ 6	W 1
T 2	16 41 45	11°43'01	5♏10	2° 8	29°31	28°24	7♏22	19° 4	25°13	29♏ 6	8° 8	28° 6	28°59	0°36	29°11	T 2
F 3	16 45 42	12°40'45	17° 9	3°39	0♏45	28°54	7°20	19° 9	25°15	29° 4	8° 9	28° 7	28°56	0°42	29°16	F 3
S 4	16 49 38	13°38'26	29° 2	5° 6	1°58	29°24	7°18	19°13	25°18	29° 3	8°11	28° 8	28°52	0°49	29°21	S 4
S 5	16 53 35	14°36'07	10♏54	6°30	3°12	29°55	7°16	19°18	25°21	29° 1	8°12	28°R 9	28°49	0°56	29°26	S 5
M 6	16 57 31	15°33'46	22°50	7°50	4°25	0♏25	7°14	19°23	25°24	28°59	8°14	28° 9	28°46	1° 3	29°31	M 6
T 7	17 1 128	16°31'23	4♏55	9° 7	5°39	0°56	7°12	19°27	25°27	28°58	8°15	28° 8	28°43	1° 9	29°36	T 7
W 8	17 5 24	17°28'59	17°12	10°20	6°52	1°27	7°10	19°32	25°30	28°56	8°16	28° 7	28°40	1°16	29°41	W 8
T 9	17 9 21	18°26'34	29°45	11°30	8° 6	1°58	7° 7	19°37	25°33	28°55	8°18	28° 6	28°37	1°23	29°46	T 9
F 10	17 13 18	19°24'07	12♏38	12°37	9°20	2°29	7° 4	19°42	25°36	28°53	8°19	28° 5	28°33	1°29	29°51	F 10
S 11	17 17 14	20°21'39	25°51	13°39	10°33	3° 1	7° 1	19°47	25°40	28°52	8°20	28° 4	28°30	1°36	29°57	S 11
S 12	17 21 11	21°19'10	9♏24	14°38	11°47	3°32	6°58	19°52	25°43	28°50	8°22	28° 3	28°27	1°43	0♏ 2	S 12
M13	17 25 7	22°16'40	23°17	15°33	13° 0	4° 4	6°55	19°58	25°46	28°49	8°23	28°D 3	28°24	1°50	0° 7	M13
T 14	17 29 4	23°14'09	7♏26	16°25	14°14	4°35	6°51	20° 3	25°49	28°47	8°24	28° 3	28°21	1°56	0°12	T 14
W15	17 33 0	24°11'37	21°47	17°12	15°27	5° 7	6°47	20° 8	25°52	28°46	8°26	28° 3	28°18	2° 3	0°17	W15
T 16	17 36 57	25° 9'05	6♏14	17°55	16°41	5°39	6°44	20°14	25°55	28°45	8°27	28° 3	28°14	2°10	0°22	T 16
F 17	17 40 53	26° 6'31	20°43	18°34	17°55	6°11	6°40	20°19	25°59	28°43	8°28	28° 4	28°11	2°16	0°27	F 17
S 18	17 44 50	27° 3'57	5♏10	19° 9	19° 8	6°43	6°35	20°25	26° 2	28°42	8°29	28° 4	28° 8	2°23	0°32	S 18
S 19	17 48 47	28° 1'22	19°29	19°40	20°22	7°15	6°31	20°30	26° 5	28°40	8°31	28° 4	28° 5	2°30	0°38	S 19
M20	17 52 43	28°58'47	3♏39	20° 6	21°35	7°47	6°26	20°36	26° 9	28°39	8°32	28° 4	28° 2	2°36	0°43	M20
T 21	17 56 40	29°56'11	17°36	20°28	22°49	8°20	6°22	20°42	26°12	28°38	8°33	28° 4	27°58	2°43	0°48	T 21
W22	18 0 36	0♏53'34	1♏21	20°45	24° 3	8°52	6°17	20°48	26°15	28°36	8°35	28° 4	27°55	2°50	0°53	W22
T 23	18 4 33	1°50'58	14°52	20°58	25°16	9°25	6°12	20°54	26°19	28°35	8°36	28° 4	27°52	2°57	0°58	T 23
F 24	18 8 29	2°48'20	28° 8	21° 6	26°30	9°58	6° 7	21° 0	26°22	28°34	8°37	28° 5	27°49	3° 3	1° 3	F 24
S 25	18 12 26	3°45'43	11♏11	21°R 9	27°43	10°31	6° 2	21° 6	26°25	28°33	8°38	28° 5	27°46	3°10	1° 9	S 25
S 26	18 16 22	4°43'05	24° 1	21° 8	28°57	11° 4	5°56	21°12	26°29	28°31	8°40	28°R 5	27°43	3°17	1°14	S 26
M27	18 20 19	5°40'26	6♏37	21° 3	0♏11	11°37	5°50	21°18	26°32	28°30	8°41	28° 5	27°39	3°23	1°19	M27
T 28	18 24 16	6°37'46	19° 1	20°53	1°24	12°10	5°45	21°24	26°36	28°29	8°42	28° 5	27°36	3°30	1°24	T 28
W29	18 28 12	7°35'06	1♏14	20°39	2°38	12°43	5°39	21°30	26°39	28°28	8°43	28° 4	27°33	3°37	1°29	W29
T 30	18 32 9	8♏32'26	13♏17	20♏22	3♏52	13♏16	5♏33	21♏36	26♏43	28♏27	8♏44	28♏ 3	27♏30	3♏44	1♏34	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	21n59	19n12	2s14	25n36	2n15	18n46	0s58	13n35	1n30	18s38	0s17	16n 4	1n 2	21n30	0n29	18s12
T 2	22 7	15 49	3 11	25 36	2 15	19 3	0 57	13 23	1 29	18 38	0 17	16 2	1 2	21 30	0 29	18 11
F 3	22 14	11 51	3 59	25 33	2 15	19 21	0 55	13 12	1 28	18 39	0 17	16 1	1 2	21 29	0 29	18 11
S 4	22 22	7 27	4 37	25 29	2 13	19 38	0 53	13 0	1 27	18 40	0 17	15 59	1 2	21 29	0 29	18 11
S 5	22 28	2 47	5 2	25 23	2 11	19 54	0 50	12 48	1 26	18 40	0 17	15 58	1 2	21 28	0 29	18 10
M 6	22 35	2s 0	5 15	25 16	2 8	20 10	0 48	12 37	1 25	18 41	0 18	15 56	1 2	21 28	0 29	18 10
T 7	22 41	6 45	5 14	25 7	2 4	20 25	0 46	12 25	1 24	18 42	0 18	15 55	1 2	21 27	0 29	18 10
W 8	22 46	11 20	4 59	24 57	2 0	20 40	0 44	12 13	1 23	18 43	0 18	15 53	1 2	21 27	0 29	18 10
T 9	22 51	15 33	4 30	24 45	1 54	20 54	0 42	12 1	1 22	18 43	0 18	15 52	1 2	21 26	0 29	18 9
F 10	22 56	19 10	3 46	24 33	1 48	21 7	0 40	11 48	1 21	18 44	0 18	15 50	1 2	21 25	0 29	18 9
S 11	23 1	21 53	2 49	24 19	1 40	21 20	0 38	11 36	1 20	18 45	0 18	15 49	1 2	21 25	0 29	18 9
S 12	23 4	23 27	1 42	24 5	1 32	21 32	0 35	11 24	1 19	18 46	0 19	15 47	1 2	21 24	0 29	18 8
M13	23 8	23 38	0 26	23 50	1 23	21 44	0 33	11 12	1 18	18 47	0 19	15 45	1 2	21 24	0 29	18 8
T 14	23 11	22 17	0n52	23 35	1 14	21 55	0 31	10 59	1 17	18 48	0 19	15 44	1 2	21 23	0 29	18 8
W15	23 14	19 30	2 8	23 18	1 3	22 6	0 28	10 47	1 16	18 49	0 19	15 42	1 2	21 22	0 29	18 7
T 16	23 16	15 29	3 16	23 2	0 52	22 16	0 26	10 34	1 15	18 50	0 19	15 40	1 2	21 22	0 29	18 7
F 17	23 18	10 33	4 12	22 44	0 40	22 25	0 24	10 21	1 14	18 52	0 20	15 38	1 2	21 21	0 29	18 7
S 18	23 20	5 3	4 52	22 27	0 28	22 34	0 21	10 9	1 13	18 53	0 20	15 37	1 2	21 21	0 29	18 7
S 19	23 21	0n40	5 14	22 10	0 14	22 42	0 19	9 56	1 12	18 54	0 20	15 35	1 2	21 20	0 29	18 6
M20	23 21	6 16	5 16	21 52	0 0	22 49	0 17	9 43	1 11	18 55	0 20	15 33	1 2	21 19	0 29	18 6
T 21	23 21	11 29	4 59	21 34	0s14	22 56	0 14	9 30	1 10	18 57	0 20	15 31	1 2	21 19	0 29	18 6
W22	23 21	16 3	4 25	21 17	0 29	23 2	0 12	9 17	1 9	18 58	0 20	15 29	1 2	21 18	0 29	18 6
T 23	23 21	19 42	3 37	21 0	0 45	23 7	0 9	9 4	1 8	19 0	0 21	15 28	1 2	21 17	0 29	18 5
F 24	23 20	22 15	2 39	20 42	1 1	23 12	0 7	8 50	1 7	19 1	0 21	15 26	1 2	21 17	0 29	18 5
S 25	23 18	23 34	1 32	20 26	1 17	23 16	0 5	8 37	1 6	19 2	0 21	15 24	1 2	21 16	0 29	18 5
S 26	23 16	23 36	0 23	20 9	1 34	23 19	0 2	8 24	1 5	19 4	0 21	15 22	1 2	21 15	0 29	18 5
M27	23 14	22 25	0s47	19 54	1 51	23 22	0n 0	8 10	1 4	19 5	0 21	15 20	1 2	21 15	0 29	18 4
T 28	23 12	20 9	1 53	19 39	2 7	23 24	0 3	7 57	1 3	19 7	0 21	15 18	1 2	21 14	0 29	18 4
W29	23 8	17 0	2 53	19 24	2 24	23 25	0 5	7 43	1 2	19 9	0 22	15 16	1 2	21 13	0 29	18 4
T 30	23n 5	13n11	3s45	19n11	2s40	23n25	0n 7	7n30	1n 1	19s10	0s22	15n14	1n 2	21n13	0n29	18s 4

Julian Day Number = 2679972.5, Delta T = 21m53s  
Ecliptic obliquity = 23°21'28", Nutation = 0°00'17"  
Ayanamsha: Fagan/Bradley = 33°29'18", Lahiri = 32°36'18"

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18 36 5	9 <sup>55</sup> 29'44	25 <sup>02</sup> 14	20°R 0	5 <sup>55</sup> 5	13 <sup>00</sup> 50	5°R27	21 <sup>02</sup> 43	26 <sup>56</sup> 46	28°R25	8 <sup>11</sup> 46	28°R 1	27 <sup>57</sup> 27	3 <sup>00</sup> 50	1 <sup>55</sup> 39	F 1
S 2	18 40 2	10°27'02	7 <sup>00</sup> 7	19 <sup>55</sup> 35	6°19	14°23	5 <sup>55</sup> 21	21°49	26°50	28 <sup>00</sup> 24	8°47	27 <sup>57</sup> 59	27°24	3°57	1°45	S 2
S 3	18 43 58	11°24'19	18°58	19° 7	7°33	14°57	5°14	21°56	26°53	28°23	8°48	27°58	27°20	4° 4	1°50	S 3
M 4	18 47 55	12°21'36	0 <sup>55</sup> 54	18°37	8°46	15°31	5° 8	22° 2	26°57	28°22	8°49	27°57	27°17	4°10	1°55	M 4
T 5	18 51 51	13°18'52	12°57	18° 4	10° 0	16° 5	5° 1	22° 9	27° 0	28°21	8°50	27°D57	27°14	4°17	2° 0	T 5
W 6	18 55 48	14°16'07	25°12	17°30	11°14	16°38	4°55	22°15	27° 4	28°20	8°51	27°57	27°11	4°24	2° 5	W 6
T 7	18 59 45	15°13'22	7 <sup>00</sup> 44	16°55	12°28	17°12	4°48	22°22	27° 8	28°19	8°53	27°58	27° 8	4°31	2°10	T 7
F 8	19 3 41	16°10'36	20°36	16°19	13°41	17°47	4°41	22°29	27°11	28°18	8°54	27°59	27° 4	4°37	2°15	F 8
S 9	19 7 38	17° 7'50	3 <sup>55</sup> 52	15°44	14°55	18°21	4°34	22°35	27°15	28°17	8°55	28° 0	27° 1	4°44	2°20	S 9
S 10	19 11 34	18° 5'04	17°33	15° 9	16° 9	18°55	4°27	22°42	27°18	28°16	8°56	28° 1	26°58	4°51	2°25	S 10
M11	19 15 31	19° 2'17	1 <sup>55</sup> 39	14°36	17°22	19°29	4°20	22°49	27°22	28°15	8°57	28°R 2	26°55	4°57	2°30	M11
T 12	19 19 27	19°59'30	16° 6	14° 5	18°36	20° 4	4°13	22°56	27°26	28°14	8°58	28° 1	26°52	5° 4	2°35	T 12
W13	19 23 24	20°56'43	0 <sup>55</sup> 50	13°36	19°50	20°38	4° 5	23° 3	27°29	28°14	8°59	27°59	26°49	5°11	2°40	W13
T 14	19 27 21	21°53'55	15°44	13°11	21° 4	21°13	3°58	23°10	27°33	28°13	9° 0	27°56	26°45	5°18	2°45	T 14
F 15	19 31 17	22°51'08	0 <sup>55</sup> 39	12°48	22°17	21°48	3°50	23°17	27°37	28°12	9° 1	27°53	26°42	5°24	2°50	F 15
S 16	19 35 14	23°48'21	15°27	12°30	23°31	22°22	3°43	23°24	27°40	28°11	9° 2	27°50	26°39	5°31	2°55	S 16
S 17	19 39 10	24°45'34	0 <sup>55</sup> 2	12°16	24°45	22°57	3°35	23°31	27°44	28°10	9° 3	27°47	26°36	5°38	3° 0	S 17
M18	19 43 7	25°42'47	14°18	12° 7	25°59	23°32	3°28	23°38	27°47	28°10	9° 4	27°46	26°33	5°44	3° 5	M18
T 19	19 47 3	26°40'01	28°14	12°D 3	27°12	24° 7	3°20	23°45	27°51	28° 9	9° 5	27°D45	26°30	5°51	3°10	T 19
W20	19 51 0	27°37'15	11 <sup>55</sup> 50	12° 3	28°26	24°42	3°13	23°52	27°55	28° 8	9° 6	27°46	26°26	5°58	3°15	W20
T 21	19 54 56	28°34'30	25° 6	12° 9	29°40	25°17	3° 5	23°59	27°58	28° 8	9° 7	27°47	26°23	6° 5	3°20	T 21
F 22	19 58 53	29°31'45	8 <sup>11</sup> 5	12°19	0 <sup>55</sup> 54	25°52	2°57	24° 7	28° 2	28° 7	9° 8	27°49	26°20	6°11	3°25	F 22
S 23	20 2 50	0 <sup>55</sup> 29'00	20°48	12°36	2° 8	26°28	2°50	24°14	28° 6	28° 7	9° 9	27°50	26°17	6°18	3°29	S 23
S 24	20 6 46	1°26'16	3 <sup>55</sup> 18	12°57	3°22	27° 3	2°42	24°21	28° 9	28° 6	9°10	27°R50	26°14	6°25	3°34	S 24
M25	20 10 43	2°23'33	15°38	13°24	4°35	27°39	2°34	24°29	28°13	28° 6	9°11	27°48	26°10	6°31	3°39	M25
T 26	20 14 39	3°20'49	27°49	13°56	5°49	28°14	2°26	24°36	28°17	28° 5	9°12	27°45	26° 7	6°38	3°44	T 26
W27	20 18 36	4°18'06	9 <sup>02</sup> 52	14°34	7° 3	28°50	2°19	24°43	28°20	28° 5	9°12	27°41	26° 4	6°45	3°48	W27
T 28	20 22 32	5°15'23	21°49	15°17	8°17	29°26	2°11	24°51	28°24	28° 4	9°13	27°34	26° 1	6°52	3°53	T 28
F 29	20 26 29	6°12'41	3 <sup>00</sup> 43	16° 5	9°31	0 <sup>55</sup> 1	2° 3	24°58	28°27	28° 4	9°14	27°27	25°58	6°58	3°58	F 29
S 30	20 30 25	7° 9'59	15°34	16°58	10°45	0°37	1°55	25° 6	28°31	28° 4	9°15	27°20	25°55	7° 5	4° 2	S 30
S 31	20 34 22	8 <sup>02</sup> 7'17	27 <sup>00</sup> 26	17 <sup>55</sup> 57	11 <sup>02</sup> 59	1 <sup>55</sup> 13	1 <sup>55</sup> 48	25 <sup>02</sup> 13	28 <sup>53</sup> 35	28 <sup>00</sup> 3	9 <sup>11</sup> 16	27 <sup>57</sup> 14	25 <sup>57</sup> 51	7 <sup>00</sup> 12	4 <sup>55</sup> 7	S 31

Day	☉	☽			♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat		
F 1	23n 1	8n53	4s26	18n58	2s56	23n25	0n10	7n16	1n 0	19s12	0s22	15n12	1n 2	21n12	0n29	18s 4	1n43	8n41	13s 9	23s21	23s20	5n40	17n45	5s36		
S 2	22 57	4 18	4 55	18 46	3 12	23 25	0 12	7 2	0 59	19 14	0 22	15 10	1 2	21 11	0 29	18 3	1 43	8 41	13 9	23 21	23 20	5 37	17 44	5 36		
S 3	22 52	0s26	5 12	18 35	3 27	23 23	0 14	6 49	0 58	19 15	0 22	15 8	1 2	21 11	0 29	18 3	1 43	8 41	13 9	23 21	23 20	5 34	17 44	5 36		
M 4	22 47	5 11	5 15	18 25	3 41	23 21	0 17	6 35	0 58	19 17	0 22	15 6	1 2	21 10	0 29	18 3	1 43	8 41	13 9	23 21	23 20	5 32	17 44	5 37		
T 5	22 42	9 47	5 5	18 16	3 54	23 18	0 19	6 21	0 57	19 19	0 23	15 3	1 2	21 9	0 29	18 3	1 43	8 41	13 9	23 21	23 20	5 29	17 44	5 37		
W 6	22 36	14 5	4 41	18 9	4 6	23 14	0 21	6 7	0 56	19 21	0 23	15 1	1 2	21 9	0 29	18 3	1 43	8 41	13 10	23 21	23 20	5 26	17 44	5 37		
T 7	22 30	17 52	4 3	18 2	4 17	23 10	0 24	5 53	0 55	19 22	0 23	14 59	1 2	21 8	0 29	18 2	1 43	8 41	13 10	23 21	23 20	5 24	17 43	5 37		
F 8	22 23	20 56	3 12	17 57	4 27	23 5	0 26	5 39	0 54	19 24	0 23	14 57	1 2	21 7	0 29	18 2	1 43	8 41	13 10	23 21	23 20	5 21	17 43	5 37		
S 9	22 16	22 58	2 9	17 53	4 35	23 0	0 28	5 25	0 53	19 26	0 23	14 55	1 2	21 7	0 29	18 2	1 43	8 41	13 10	23 21	23 19	5 18	17 43	5 37		
S 10	22 8	23 44	0 57	17 51	4 41	22 53	0 30	5 10	0 52	19 28	0 23	14 53	1 2	21 6	0 29	18 2	1 43	8 42	13 10	23 21	23 19	5 15	17 43	5 37		
M11	22 1 23	1 0n20	17 49	4 46	22 46	0 33	4 56	0 51	19 30	0 24	14 50	1 2	21 5	0 29	18 2	1 43	8 42	13 10	23 21	23 19	5 13	17 42	5 38			
T 12	21 52	20 46	1 38	17 49	4 50	22 39	0 35	4 42	0 51	19 31	0 24	14 48	1 2	21 5	0 29	18 2	1 43	8 42	13 10	23 21	23 19	5 10	17 42	5 38		
W13	21 44	17 7	2 51	17 50	4 51	22 31	0 37	4 28	0 50	19 33	0 24	14 46	1 2	21 4	0 29	18 1	1 43	8 42	13 10	23 21	23 19	5 7	17 42	5 38		
T 14	21 35	12 21	3 53	17 52	4 52	22 22	0 39	4 13	0 49	19 35	0 24	14 44	1 2	21 3	0 29	18 1	1 43	8 42	13 11	23 21	23 19	5 5	17 42	5 38		
F 15	21 26	6 51	4 39	17 55	4 51	22 12	0 41	3 59	0 48	19 37	0 24	14 41	1 2	21 2	0 29	18 1	1 43	8 42	13 11	23 20	23 19	5 2	17 41	5 38		
S 16	21 16	1 0	5 6	18 0	4 48	22 2	0 43	3 44	0 47	19 39	0 24	14 39	1 2	21 2	0 29	18 1	1 43	8 42	13 11	23 20	23 19	4 59	17 41	5 39		
S 17	21 6	4n48	5 13	18 5	4 44	21 51	0 45	3 30	0 46	19 41	0 25	14 37	1 2	21 1	0 29	18 1	1 43	8 41	13 11	23 20	23 19	4 56	17 41	5 39		
M18	20 56	10 14	5 1	18 11	4 38	21 39	0 47	3 15	0 46	19 43	0 25	14 35	1 2	21 0	0 29	18 1	1 43	8 41	13 11	23 20	23 19	4 54	17 40	5 39		
T 19	20 45	15 1	4 30	18 18	4 32	21 27	0 49	3 1	0 45	19 45	0 25	14 32	1 2	21 0	0 29	18 1	1 43	8 41	13 11	23 20	23 19	4 51	17 40	5 39		
W20	20 34	18 55	3 46	18 26	4 24	21 14	0 51	2 46	0 44	19 47	0 25	14 30	1 2	20 59	0 29	18 1	1 43	8 41	13 12	23 20	23 19	4 48	17 40	5 39		
T 21	20 23	21 43	2 50	18 34	4 15	21 1	0 53	2 32	0 43	19 49	0 25	14 27	1 2	20 58	0 29	18 1	1 43	8 41	13 12	23 20	23 19	4 46	17 39	5 40		
F 22	20 11	23 19	1 46	18 43	4 5	20 47	0 55	2 17	0 42	19 50	0 25	14 25	1 2	20 57	0 29	18 1	1 42	8 41	13 12	23 20	23 18	4 43	17 39	5 40		
S 23	19 59	23 41	0 38	18 53	3 54	20 32	0 57	2 2	0 41	19 52	0 25	14 23	1 2	20 57	0 29	18 0	1 42	8 41	13 12	23 20	23 18	4 40	17 39	5 40		
S 24	19 46	22 49	0s30	19 2	3 43	20 17	0 59	1 47	0 41	19 54	0 26	14 20	1 2	20 56	0 29	18 0	1 42	8 41	13 12	23 20	23 18	4 37	17 38	5 40		
M25	19 34	20 52	1 36	19 12	3 31	20 1	1 0	1 33	0 40	19 56	0 26	14 18	1 2	20 55	0 29	18 0	1 42	8 41	13 12	23 20	23 18	4 35	17 38	5 41		
T 26	19 20	17 59	2 36	19 21	3 18	19 45	1 2	1 18	0 39	19 58	0 26	14 16	1 2	20 55	0 29	18 0	1 42	8 41	13 13	23 20	23 18	4 32	17 38	5 41		
W27	19 7	14 22	3 29	19 30	3 5	19 28	1 4	1 3	0 38	20 0	0 26	14 13	1 2	20 54	0 29	18 0	1 42	8 41	13 13	23 20	23 18	4 29	17 37	5 41		
T 28	18 53	10 13	4 12	19 39	2 51	19 11	1 5	0 48	0 37	20 2	0 26	14 11	1 2	20 53	0 29	18 0	1 42	8 41	13 13	23 20	23 18	4 26	17 37	5 41		
F 29	18 39	5 42	4 43	19 48	2 37	18 53	1 7	0 33	0 37	20 4	0 26	14 8	1 3	20 52	0 29	18 0	1 42	8 41	13 13	23 20	23 18	4 24	17 36	5 42		
S 30	18 25	1 1	5 3	19 56	2 23	18 34	1 8	0 18	0 36	20 6	0 26	14 6	1 3	20 52	0 29	18 0	1 42	8 41	13 13	23 20	23 18	4 21	17 36	5 42		
S 31	18n10	3s43	5s 9	20n 3	2s 8	18n15	1n10	0n 3	0n35	20s 7	0s26	14n 3	1n 3	20n51	0n29	18s 0	1n42	8n41	13s14	23s20	23s18	4n18	17n36	5s42		

## ASTRODIENST EPHEMERIS for the year 2625

AUGUST 2625

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	20 38 19	9♌ 4'35	9♌21	19♏ 0	13♌13	1♌49	1°R40	25♌21	28♏38	28°R 3	9♏17	27°R 8	25♌48	7♏18	4♏11	M 1
T 2	20 42 15	10° 1'54	21°22	20° 9	14°27	2°25	1♌33	25°28	28°42	28♌ 3	9°17	27° 5	25°45	7°25	4°16	T 2
W 3	20 46 12	10°59'13	3♌35	21°22	15°40	3° 2	1°25	25°36	28°45	28° 3	9°18	27° 3	25°42	7°32	4°20	W 3
T 4	20 50 8	11°56'32	16° 3	22°41	16°54	3°38	1°17	25°43	28°49	28° 2	9°19	27°D 3	25°39	7°39	4°25	T 4
F 5	20 54 5	12°53'52	28°51	24° 4	18° 8	4°14	1°10	25°51	28°53	28° 2	9°19	27° 4	25°36	7°45	4°29	F 5
S 6	20 58 1	13°51'12	12♌ 3	25°31	19°22	4°50	1° 3	25°58	28°56	28° 2	9°20	27° 5	25°32	7°52	4°33	S 6
S 7	21 1 58	14°48'32	25°42	27° 3	20°36	5°27	0°55	26° 6	29° 0	28° 2	9°21	27°R 6	25°29	7°59	4°38	S 7
M 8	21 5 54	15°45'53	9♌49	28°39	21°50	6° 3	0°48	26°14	29° 3	28° 2	9°21	27° 5	25°26	8° 5	4°42	M 8
T 9	21 9 51	16°43'15	24°22	0♌19	23° 4	6°40	0°41	26°21	29° 7	28°D 2	9°22	27° 2	25°23	8°12	4°46	T 9
W10	21 13 48	17°40'37	9♌18	2° 3	24°18	7°17	0°34	26°29	29°10	28° 2	9°23	26°58	25°20	8°19	4°51	W10
T 11	21 17 44	18°37'59	24°28	3°50	25°32	7°53	0°27	26°36	29°14	28° 2	9°23	26°51	25°16	8°26	4°55	T 11
F 12	21 21 41	19°35'23	9♌43	5°41	26°46	8°30	0°20	26°44	29°17	28° 2	9°24	26°44	25°13	8°32	4°59	F 12
S 13	21 25 37	20°32'47	24°51	7°34	28° 0	9° 7	0°13	26°52	29°21	28° 2	9°24	26°36	25°10	8°39	5° 3	S 13
S 14	21 29 34	21°30'13	9♌43	9°30	29°14	9°44	0° 6	27° 0	29°24	28° 2	9°25	26°29	25° 7	8°46	5° 7	S 14
M15	21 33 30	22°27'39	24°13	11°28	0♏28	10°21	29♌59	27° 7	29°28	28° 2	9°25	26°24	25° 4	8°52	5°11	M15
T 16	21 37 27	23°25'07	8♌16	13°28	1°42	10°58	29°53	27°15	29°31	28° 3	9°26	26°21	25° 1	8°59	5°15	T 16
W17	21 41 23	24°22'36	21°52	15°29	2°56	11°35	29°46	27°23	29°34	28° 3	9°26	26°D20	24°57	9° 6	5°19	W17
T 18	21 45 20	25°20'07	5♏ 4	17°32	4°10	12°12	29°40	27°30	29°38	28° 3	9°27	26°20	24°54	9°13	5°23	T 18
F 19	21 49 17	26°17'39	17°53	19°35	5°24	12°50	29°34	27°38	29°41	28° 3	9°27	26°21	24°51	9°19	5°27	F 19
S 20	21 53 13	27°15'12	0♏25	21°38	6°38	13°27	29°28	27°46	29°44	28° 4	9°28	26°R21	24°48	9°26	5°30	S 20
S 21	21 57 10	28°12'46	12°43	23°42	7°52	14° 5	29°22	27°53	29°48	28° 4	9°28	26°20	24°45	9°33	5°34	S 21
M22	22 1 6	29°10'22	24°51	25°46	9° 6	14°42	29°16	28° 1	29°51	28° 4	9°28	26°16	24°42	9°40	5°38	M22
T 23	22 5 3	0♏ 7°59	6♌21	27°49	10°20	15°20	29°10	28° 9	29°54	28° 5	9°29	26°10	24°38	9°46	5°41	T 23
W24	22 8 59	1° 5'37	18°47	29°52	11°34	15°57	29° 5	28°17	29°58	28° 5	9°29	26° 1	24°35	9°53	5°45	W24
T 25	22 12 56	2° 3'16	0♏40	1♏54	12°48	16°35	29° 0	28°24	0♏ 1	28° 6	9°29	25°50	24°32	10° 0	5°49	T 25
F 26	22 16 52	3° 0'56	12°32	3°55	14° 2	17°13	28°54	28°32	0° 4	28° 6	9°30	25°38	24°29	10° 6	5°52	F 26
S 27	22 20 49	3°58'38	24°24	5°55	15°16	17°51	28°49	28°40	0° 7	28° 7	9°30	25°25	24°26	10°13	5°55	S 27
S 28	22 24 46	4°56'21	6♌17	7°53	16°30	18°29	28°44	28°47	0°10	28° 7	9°30	25°13	24°22	10°20	5°59	S 28
M29	22 28 42	5°54'05	18°15	9°51	17°44	19° 6	28°39	28°55	0°14	28° 8	9°31	25° 3	24°19	10°27	6° 2	M29
T 30	22 32 39	6°51'50	0♏19	11°48	18°58	19°45	28°35	29° 3	0°17	28° 9	9°31	24°55	24°16	10°33	6° 5	T 30
W31	22 36 35	7♏49'36	12♏32	13♏43	20♏12	20♌23	28♌30	29♌10	0♏20	28♏ 9	9♏31	24♌50	24♌13	10♏40	6♏ 9	W31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	17n56	8s19	5s 2	20n 9	1s53	17n56	1n11	0s12	0n34	20s 9	0s27	14n 1	1n 3	20n50	0n29	18s 0	1n42	8n41	13s14	23s20	23s17	4n16	17n35	5s42					
T 2	17 40	12 40	4 42	20 13	1 39	17 36	1 12	0 27	0 33	20 11	0 27	13 58	1 3	20 50	0 29	18 0	1 42	8 40	13 14	23 20	23 17	4 13	17 35	5 43					
W 3	17 25	16 34	4 9	20 17	1 24	17 15	1 14	0 42	0 33	20 13	0 27	13 56	1 3	20 49	0 29	18 0	1 42	8 40	13 14	23 20	23 17	4 10	17 34	5 43					
T 4	17 9	19 50	3 23	20 19	1 10	16 54	1 15	0 57	0 32	20 15	0 27	13 53	1 3	20 48	0 29	18 0	1 42	8 40	13 14	23 19	23 17	4 7	17 34	5 43					
F 5	16 53	22 13	2 27	20 19	0 55	16 33	1 16	1 12	0 31	20 16	0 27	13 51	1 3	20 47	0 29	18 0	1 42	8 40	13 15	23 20	23 17	4 5	17 33	5 44					
S 6	16 37	23 29	1 20	20 17	0 41	16 11	1 17	1 27	0 30	20 18	0 27	13 48	1 3	20 47	0 29	18 0	1 42	8 40	13 15	23 20	23 17	4 2	17 33	5 44					
S 7	16 20	23 25	0 8	20 14	0 28	15 49	1 18	1 42	0 30	20 20	0 27	13 46	1 3	20 46	0 29	18 0	1 42	8 40	13 15	23 20	23 17	3 59	17 33	5 44					
M 8	16 3	21 52	1n 8	20 8	0 14	15 26	1 19	1 57	0 29	20 21	0 27	13 43	1 3	20 45	0 29	18 0	1 42	8 40	13 15	23 20	23 17	3 57	17 32	5 45					
T 9	15 46	18 51	2 21	19 59	0 1	15 3	1 20	2 13	0 28	20 23	0 27	13 41	1 3	20 44	0 29	18 0	1 41	8 40	13 16	23 19	23 17	3 54	17 32	5 45					
W10	15 29	14 32	3 27	19 49	0n11	14 39	1 21	2 28	0 27	20 25	0 28	13 38	1 3	20 44	0 29	18 0	1 41	8 40	13 16	23 19	23 17	3 51	17 31	5 45					
T 11	15 11	9 15	4 19	19 36	0 23	14 15	1 22	2 43	0 27	20 26	0 28	13 36	1 3	20 43	0 29	18 0	1 41	8 39	13 16	23 19	23 16	3 48	17 31	5 46					
F 12	14 54	3 23	4 53	19 20	0 34	13 51	1 23	2 58	0 26	20 28	0 28	13 33	1 3	20 42	0 29	18 0	1 41	8 39	13 16	23 19	23 16	3 46	17 30	5 46					
S 13	14 36	2n38	5 6	19 2	0 44	13 26	1 23	3 13	0 25	20 29	0 28	13 31	1 3	20 42	0 29	18 1	1 41	8 39	13 16	23 19	23 16	3 43	17 30	5 46					
S 14	14 17	8 24	4 58	18 41	0 54	13 1	1 24	3 28	0 24	20 31	0 28	13 28	1 3	20 41	0 29	18 1	1 41	8 39	13 17	23 19	23 16	3 40	17 29	5 47					
M15	13 59	13 33	4 31	18 17	1 3	12 35	1 24	3 43	0 24	20 32	0 28	13 25	1 3	20 40	0 29	18 1	1 41	8 39	13 17	23 19	23 16	3 38	17 29	5 47					
T 16	13 40	17 49	3 48	17 51	1 11	12 9	1 25	3 59	0 23	20 34	0 28	13 23	1 4	20 40	0 29	18 1	1 41	8 39	13 17	23 18	23 16	3 35	17 28	5 47					
W17	13 21	20 58	2 54	17 23	1 18	11 43	1 25	4 14	0 22	20 35	0 28	13 20	1 4	20 39	0 29	18 1	1 41	8 38	13 17	23 18	23 16	3 32	17 28	5 48					
T 18	13 2	22 54	1 51	16 52	1 24	11 17	1 26	4 29	0 21	20 37	0 28	13 18	1 4	20 38	0 29	18 1	1 41	8 38	13 18	23 18	23 16	3 30	17 27	5 48					
F 19	12 43	23 33	0 45	16 19	1 30	10 50	1 26	4 44	0 21	20 38	0 28	13 15	1 4	20 38	0 29	18 1	1 41	8 38	13 18	23 18	23 15	3 27	17 26	5 49					
S 20	12 23	23 0	0s22	15 44	1 34	10 23	1 26	4 59	0 20	20 39	0 28	13 13	1 4	20 37	0 29	18 1	1 41	8 38	13 18	23 18	23 15	3 24	17 26	5 49					
S 21	12 3	21 19	1 26	15 7	1 38	9 56	1 26	5 14	0 19	20 41	0 29	13 10	1 4	20 36	0 29	18 1	1 41	8 38	13 18	23 18	23 15	3 21	17 25	5 49					
M22	11 43	18 42	2 26	14 29	1 41	9 28	1 27	5 30	0 18	20 42	0 29	13 7	1 4	20 35	0 29	18 2	1 41	8 38	13 19	23 18	23 15	3 19	17 25	5 50					
T 23	11 23	15 18	3 18	13 48	1 43	9 0	1 27	5 45	0 18	20 43	0 29	13 5	1 4	20 35	0 29	18 2	1 41	8 37	13 19	23 18	23 15	3 16	17 24	5 50					
W24	11 3	11 19	4 1	13 7	1 45	8 32	1 27	6 0	0 17	20 45	0 29	13 2	1 4	20 34	0 29	18 2	1 41	8 37	13 19	23 18	23 15	3 13	17 24	5 51					
T 25	10 42	6 56	4 34	12 24	1 45	8 4	1 26	6 15	0 16	20 46	0 29	13 0	1 4	20 33	0 29	18 2	1 41	8 37	13 19	23 18	23 15	3 11	17 23	5 51					
F 26	10 22	2 18	4 54	11 40	1 45	7 35	1 26	6 30	0 15	20 47	0 29	12 57	1 4	20 33	0 29	18 2	1 40	8 37	13 20	23 17	23 15	3 8	17 23	5 51					
S 27	10 1	2s24	5 1	10 56	1 44	7 7	1 26	6 45	0 15	20 48	0 29	12 54	1 4	20 32	0 29	18 2	1 40	8 37	13 20	23 17	23 14	3 5	17 22	5 52					
S 28	9 40	7 1	4 56	10 11	1 43	6 38	1 26	7 0	0 14	20 49	0 29	12 52	1 4	20 32	0 29	18 3	1 40	8 36	13 20	23 16	23 14	3 2	17 21	5 52					
M29	9 19	11 24	4 38	9 25	1 41	6 9	1 25	7 15	0 13	20 50	0 29	12 49	1 5	20 31	0 30	18 3	1 40	8 36	13 20	23 16	23 14	3 0	17 21	5 53					
T 30	8 58	15 23	4 7	8 38	1 39	5 39	1 25	7 30	0 13	20 51	0 29	12 47	1 5	20 30	0 30	18 3	1 40	8 36	13 21	23 16	23 14	2 57	17 20	5 53					
W31	8n36	18s47	3s24	7n51	1n36	5n10	1n25	7s45	0n12	20s52	0s29	12n44	1n 5	20n30	0n30	18s 3	1n40	8n36	13s21	23s15	23s14	2n54	17n20	5s54					

## ASTRODIENST EPHEMERIS for the year 2625

SEPTEMBER 2625

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 40 32	8 <sup>h</sup> 47'23"	24 <sup>m</sup> 58	15 <sup>m</sup> 37	21 <sup>m</sup> 26	21 <sup>h</sup> 1	28°R26	29 <sup>h</sup> 18	0 <sup>h</sup> 23	28 <sup>m</sup> 10	9 <sup>h</sup> 31	24°R47	24 <sup>h</sup> 10	10 <sup>m</sup> 47	6 <sup>h</sup> 12	T 1
F 2	22 44 28	9°45'12"	7 <sup>h</sup> 42	17°29	22°40	21°39	28°R22	29°26	0°26	28°11	9°31	24°D47	24° 7	10°53	6°15	F 2
S 3	22 48 25	10°43'01"	20°48	19°20	23°55	22°17	28°18	29°33	0°29	28°12	9°31	24°R47	24° 3	11° 0	6°18	S 3
S 4	22 52 21	11°40'52"	4 <sup>h</sup> 319	21°10	25° 9	22°56	28°14	29°41	0°32	28°12	9°31	24°R47	24° 0	11° 7	6°21	S 4
M 5	22 56 18	12°38'44"	18°18	22°59	26°23	23°34	28°11	29°48	0°35	28°13	9°32	24°45	23°57	11°14	6°24	M 5
T 6	23 0 14	13°36'37"	2 <sup>h</sup> 46	24°46	27°37	24°13	28° 7	29°56	0°38	28°14	9°32	24°41	23°54	11°20	6°26	T 6
W 7	23 4 11	14°34'32"	17°38	26°32	28°51	24°51	28° 4	0 <sup>h</sup> 4	0°40	28°15	9°32	24°34	23°51	11°27	6°29	W 7
T 8	23 8 8	15°32'27"	2 <sup>h</sup> 50	28°16	0 <sup>h</sup> 5	25°30	28° 1	0°11	0°43	28°16	9°32	24°25	23°47	11°34	6°32	T 8
F 9	23 12 4	16°30'24"	18°10	29°59	1°19	26° 9	27°58	0°19	0°46	28°17	9°R32	24°15	23°44	11°40	6°35	F 9
S 10	23 16 1	17°28'23"	3 <sup>h</sup> 27	1 <sup>h</sup> 41	2°33	26°47	27°55	0°26	0°49	28°18	9°32	24° 4	23°41	11°47	6°37	S 10
S 11	23 19 57	18°26'23"	18°31	3°22	3°47	27°26	27°53	0°34	0°52	28°19	9°32	23°54	23°38	11°54	6°40	S 11
M12	23 23 54	19°24'25"	3 <sup>h</sup> 12	5° 1	5° 1	28° 5	27°50	0°41	0°54	28°20	9°32	23°47	23°35	12° 1	6°42	M12
T 13	23 27 50	20°22'29"	17°25	6°39	6°15	28°44	27°48	0°48	0°57	28°21	9°32	23°41	23°32	12° 7	6°45	T 13
W14	23 31 47	21°20'35"	1 <sup>h</sup> 8	8°16	7°29	29°23	27°46	0°56	1° 0	28°22	9°31	23°39	23°28	12°14	6°47	W14
T 15	23 35 43	22°18'43"	14°23	9°52	8°43	0 <sup>h</sup> 2	27°44	1° 3	1° 2	28°23	9°31	23°38	23°25	12°21	6°49	T 15
F 16	23 39 40	23°16'52"	27°12	11°26	9°57	0°41	27°43	1°11	1° 5	28°24	9°31	23°38	23°22	12°27	6°51	F 16
S 17	23 43 37	24°15'04"	9 <sup>h</sup> 41	13° 0	11°11	1°21	27°41	1°18	1° 7	28°25	9°31	23°37	23°19	12°34	6°54	S 17
S 18	23 47 33	25°13'18"	21°54	14°32	12°25	2° 0	27°40	1°25	1°10	28°27	9°31	23°35	23°16	12°41	6°56	S 18
M19	23 51 30	26°11'34"	3 <sup>h</sup> 56	16° 3	13°39	2°39	27°39	1°32	1°12	28°28	9°31	23°31	23°13	12°48	6°58	M19
T 20	23 55 26	27° 9'51"	15°52	17°32	14°53	3°19	27°38	1°40	1°15	28°29	9°30	23°24	23° 9	12°54	7° 0	T 20
W21	23 59 23	28° 8'11"	27°43	19° 1	16° 7	3°58	27°37	1°47	1°17	28°31	9°30	23°14	23° 6	13° 1	7° 1	W21
T 22	0 3 19	29° 6'32"	9 <sup>h</sup> 34	20°28	17°21	4°38	27°37	1°54	1°19	28°32	9°30	23° 2	23° 3	13° 8	7° 3	T 22
F 23	0 7 16	0 <sup>h</sup> 4'55"	21°27	21°54	18°35	5°18	27°37	2° 1	1°22	28°33	9°30	22°48	23° 0	13°15	7° 5	F 23
S 24	0 11 12	1° 3'20"	3 <sup>h</sup> 22	23°19	19°49	5°57	27°D37	2° 8	1°24	28°35	9°29	22°34	22°57	13°21	7° 7	S 24
S 25	0 15 9	2° 1'47"	15°21	24°43	21° 3	6°37	27°37	2°15	1°26	28°36	9°29	22°20	22°53	13°28	7° 8	S 25
M26	0 19 6	3° 0'16"	27°26	26° 5	22°17	7°17	27°37	2°22	1°28	28°37	9°29	22° 9	22°50	13°35	7°10	M26
T 27	0 23 2	3°58'46"	9 <sup>h</sup> 38	27°26	23°31	7°57	27°38	2°29	1°30	28°39	9°28	22° 0	22°47	13°41	7°11	T 27
W28	0 26 59	4°57'18"	21°58	28°46	24°45	8°37	27°38	2°36	1°32	28°40	9°28	21°54	22°44	13°48	7°13	W28
T 29	0 30 55	5°55'52"	4 <sup>h</sup> 30	0 <sup>h</sup> 4	25°59	9°17	27°39	2°43	1°35	28°42	9°27	21°50	22°41	13°55	7°14	T 29
F 30	0 34 52	6 <sup>h</sup> 54'28"	17 <sup>h</sup> 17	1 <sup>h</sup> 21	27 <sup>h</sup> 13	9 <sup>h</sup> 57	27 <sup>h</sup> 40	2 <sup>h</sup> 50	1 <sup>h</sup> 37	28 <sup>h</sup> 43	9 <sup>h</sup> 27	21°D49	22 <sup>h</sup> 38	14 <sup>h</sup> 2	7 <sup>h</sup> 15	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	8n15	21s23	2s31	7n 4	1n32	4n40	1n24	8s 0	0n11	20s53	0s29	12n41	1n 5	20n29	0n30	18s 3
F 2	7 53	22 59	1 29	6 17	1 28	4 11	1 23	8 15	0 11	20 54	0 29	12 39	1 5	20 28	0 30	18 4
S 3	7 31	23 23	0 21	5 29	1 24	3 41	1 23	8 30	0 10	20 55	0 29	12 36	1 5	20 28	0 30	18 4
S 4	7 10	22 27	0n50	4 42	1 19	3 11	1 22	8 45	0 9	20 56	0 30	12 34	1 5	20 27	0 30	18 4
M 5	6 48	20 7	2 1	3 54	1 14	2 41	1 21	8 59	0 8	20 56	0 30	12 31	1 5	20 26	0 30	18 4
T 6	6 25	16 27	3 6	3 7	1 8	2 11	1 20	9 14	0 8	20 57	0 30	12 29	1 5	20 26	0 30	18 5
W 7	6 3	11 40	4 1	2 20	1 2	1 40	1 19	9 29	0 7	20 58	0 30	12 26	1 5	20 25	0 30	18 5
T 8	5 41	6 5	4 40	1 33	0 56	1 10	1 18	9 44	0 6	20 58	0 30	12 23	1 6	20 25	0 30	18 5
F 9	5 18	0 5	4 59	0 46	0 50	0 40	1 17	9 58	0 6	20 59	0 30	12 21	1 6	20 24	0 30	18 5
S 10	4 56	5n54	4 56	0s 0	0 43	0 9	1 16	10 13	0 5	21 0	0 30	12 18	1 6	20 24	0 30	18 6
S 11	4 33	11 27	4 34	0 46	0 37	0s21	1 15	10 28	0 4	21 0	0 30	12 16	1 6	20 23	0 30	18 6
M12	4 11	16 11	3 53	1 32	0 30	0 51	1 14	10 42	0 4	21 1	0 30	12 13	1 6	20 22	0 30	18 6
T 13	3 48	19 50	2 59	2 17	0 22	1 22	1 12	10 56	0 3	21 1	0 30	12 11	1 6	20 22	0 30	18 6
W14	3 25	22 12	1 56	3 2	0 15	1 52	1 11	11 11	0 2	21 2	0 30	12 8	1 6	20 21	0 30	18 7
T 15	3 2	23 15	0 49	3 47	0 8	2 23	1 10	11 25	0 2	21 2	0 30	12 6	1 6	20 21	0 30	18 7
F 16	2 40	23 1	0s19	4 31	0 0	2 53	1 8	11 40	0 1	21 2	0 30	12 3	1 6	20 20	0 30	18 7
S 17	2 17	21 37	1 24	5 14	0s 8	3 23	1 7	11 54	0 0	21 3	0 30	12 1	1 7	20 20	0 30	18 8
S 18	1 54	19 13	2 23	5 57	0 15	3 54	1 5	12 8	0s 0	21 3	0 30	11 58	1 7	20 19	0 30	18 8
M19	1 31	16 2	3 16	6 39	0 23	4 24	1 3	12 22	0 1	21 3	0 30	11 56	1 7	20 19	0 30	18 8
T 20	1 7	12 14	3 59	7 21	0 31	4 54	1 2	12 36	0 2	21 3	0 30	11 53	1 7	20 18	0 30	18 9
W21	0 44	7 59	4 31	8 2	0 39	5 24	1 0	12 50	0 2	21 4	0 30	11 51	1 7	20 18	0 30	18 9
T 22	0 21	3 27	4 52	8 42	0 47	5 54	0 58	13 4	0 3	21 4	0 30	11 48	1 7	20 17	0 30	18 9
F 23	0s 2	1s13	4 59	9 22	0 55	6 24	0 56	13 18	0 4	21 4	0 30	11 46	1 7	20 17	0 30	18 10
S 24	0 25	5 50	4 54	10 1	1 3	6 53	0 54	13 32	0 4	21 4	0 30	11 44	1 7	20 16	0 30	18 10
S 25	0 48	10 16	4 36	10 39	1 11	7 23	0 52	13 45	0 5	21 4	0 30	11 41	1 8	20 16	0 30	18 10
M26	1 11	14 21	4 6	11 16	1 19	7 52	0 50	13 59	0 6	21 4	0 30	11 39	1 8	20 15	0 30	18 11
T 27	1 35	17 52	3 23	11 53	1 27	8 22	0 48	14 13	0 6	21 4	0 30	11 36	1 8	20 15	0 30	18 11
W28	1 58	20 38	2 31	12 29	1 35	8 51	0 46	14 26	0 7	21 4	0 30	11 34	1 8	20 15	0 30	18 11
T 29	2 21	22 27	1 30	13 4	1 43	9 19	0 44	14 39	0 7	21 3	0 30	11 32	1 8	20 14	0 30	18 12
F 30	2s44	23s 9	0s24	13s38	1s51	9s48	0n42	14s53	0s 8	21s 3	0s30	11n29	1n 8	20n14	0n30	18s12

Julian Day Number = 2680064.5, Delta T = 21m54s

Ecliptic obliquity = 23°21'28", Nutation = 0°00'18"

Ayanamsha: Fagan/Bradley = 33°29'31", Lahiri = 32°36'30"

## ASTRODIENST EPHEMERIS for the year 2625

OCTOBER 2625

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 38 48	7♂53'05	0♂21	2♂36	28♂27	10♂37	27♂42	2♂57	1♂38	28♂45	9♂R27	21♂49	22♂34	14♂8	7♂16	S 1
S 2	0 42 45	8°51'44	13°46	3°50	29°41	11°17	27°43	3° 4	1°40	28°46	9♂26	21°R49	22°31	14°15	7°17	S 2
M 3	0 46 41	9°50'24	27°36	5° 2	0♂55	11°58	27°45	3°10	1°42	28°48	9°26	21°48	22°28	14°22	7°18	M 3
T 4	0 50 38	10°49'06	11♂50	6°12	2° 9	12°38	27°47	3°17	1°44	28°50	9°25	21°45	22°25	14°28	7°19	T 4
W 5	0 54 35	11°47'50	26°28	7°21	3°23	13°18	27°49	3°24	1°46	28°51	9°25	21°39	22°22	14°35	7°20	W 5
T 6	0 58 31	12°46'35	11♂25	8°27	4°37	13°59	27°51	3°30	1°48	28°53	9°24	21°31	22°18	14°42	7°21	T 6
F 7	1 2 28	13°45'22	26°33	9°31	5°51	14°39	27°54	3°37	1°49	28°55	9°24	21°21	22°15	14°49	7°21	F 7
S 8	1 6 24	14°44'11	11♂44	10°33	7° 5	15°20	27°56	3°43	1°51	28°56	9°23	21°11	22°12	14°55	7°22	S 8
S 9	1 10 21	15°43'01	26°45	11°33	8°19	16° 1	27°59	3°50	1°52	28°58	9°22	21° 2	22° 9	15° 2	7°23	S 9
M10	1 14 17	16°41'54	11♂27	12°30	9°33	16°41	28° 2	3°56	1°54	29° 0	9°22	20°55	22° 6	15° 9	7°23	M10
T 11	1 18 14	17°40'50	25°45	13°24	10°47	17°22	28° 5	4° 2	1°55	29° 2	9°21	20°50	22° 3	15°16	7°23	T 11
W12	1 22 10	18°39'47	9♂34	14°15	12° 1	18° 3	28° 8	4° 9	1°57	29° 4	9°20	20°48	21°59	15°22	7°24	W12
T 13	1 26 7	19°38'47	22°54	15° 2	13°14	18°44	28°12	4°15	1°58	29° 5	9°20	20°D47	21°56	15°29	7°24	T 13
F 14	1 30 3	20°37'48	5♂49	15°46	14°28	19°25	28°16	4°21	2° 0	29° 7	9°19	20°48	21°53	15°36	7°24	F 14
S 15	1 34 0	21°36'52	18°21	16°26	15°42	20° 6	28°20	4°27	2° 1	29° 9	9°18	20°R48	21°50	15°42	7°24	S 15
S 16	1 37 57	22°35'59	0♂35	17° 1	16°56	20°47	28°24	4°33	2° 2	29°11	9°18	20°48	21°47	15°49	7°R24	S 16
M17	1 41 53	23°35'07	12°37	17°32	18°10	21°28	28°28	4°39	2° 3	29°13	9°17	20°46	21°44	15°56	7°24	M17
T 18	1 45 50	24°34'18	24°31	17°57	19°24	22°10	28°32	4°45	2° 4	29°15	9°16	20°42	21°40	16° 3	7°24	T 18
W19	1 49 46	25°33'31	6♂23	18°17	20°38	22°51	28°37	4°51	2° 5	29°17	9°16	20°35	21°37	16° 9	7°24	W19
T 20	1 53 43	26°32'47	18°14	18°31	21°51	23°32	28°42	4°56	2° 6	29°19	9°15	20°26	21°34	16°16	7°23	T 20
F 21	1 57 39	27°32'04	0♂ 9	18°R38	23° 5	24°14	28°47	5° 2	2° 7	29°21	9°14	20°16	21°31	16°23	7°23	F 21
S 22	2 1 36	28°31'23	12°10	18°38	24°19	24°55	28°52	5° 8	2° 8	29°23	9°13	20° 6	21°28	16°29	7°23	S 22
S 23	2 5 32	29°30'45	24°18	18°30	25°33	25°37	28°57	5°13	2° 9	29°25	9°12	19°56	21°24	16°36	7°22	S 23
M24	2 9 29	0♂30'09	6♂34	18°14	26°47	26°18	29° 3	5°19	2°10	29°27	9°11	19°48	21°21	16°43	7°21	M24
T 25	2 13 26	1°29'35	19° 0	17°50	28° 1	27° 0	29° 8	5°24	2°11	29°29	9°11	19°42	21°18	16°50	7°21	T 25
W26	2 17 22	2°29'02	1♂35	17°18	29°14	27°42	29°14	5°30	2°11	29°31	9°10	19°38	21°15	16°56	7°20	W26
T 27	2 21 19	3°28'32	14°22	16°37	0♂28	28°24	29°20	5°35	2°12	29°33	9° 9	19°D36	21°12	17° 3	7°19	T 27
F 28	2 25 15	4°28'03	27°20	15°48	1°42	29° 6	29°26	5°40	2°13	29°35	9° 8	19°36	21° 9	17°10	7°18	F 28
S 29	2 29 12	5°27'37	10♂33	14°51	2°56	29°48	29°33	5°45	2°13	29°37	9° 7	19°37	21° 5	17°17	7°17	S 29
S 30	2 33 8	6°27'11	24° 2	13°48	4°10	0♂30	29°39	5°50	2°14	29°39	9° 6	19°39	21° 2	17°23	7°16	S 30
M31	2 37 5	7♂26'48	7♂48	12♂38	5♂23	1♂12	29♂46	5♂55	2♂14	29♂41	9♂ 5	19°R39	20♂59	17♂30	7♂15	M31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	3s 7	22s36	0n45	14s11	1s58	10s17	0n39	15s 6	0s 9	21s 3	0s30	11n27	1n 8	20n13	0n30	18s12
S 2	3 30	20 46	1 54	14 43	2 6	10 45	0 37	15 19	0 9	21 3	0 30	11 25	1 8	20 13	0 30	18 13
M 3	3 53	17 40	2 58	15 15	2 13	11 13	0 35	15 32	0 10	21 2	0 30	11 22	1 9	20 13	0 30	18 13
T 4	4 16	13 27	3 53	15 45	2 20	11 41	0 32	15 45	0 11	21 2	0 30	11 20	1 9	20 12	0 31	18 14
W 5	4 39	8 21	4 34	16 14	2 27	12 8	0 30	15 58	0 11	21 2	0 31	11 18	1 9	20 12	0 31	18 14
T 6	5 2	2 40	4 58	16 42	2 34	12 35	0 27	16 10	0 12	21 1	0 31	11 16	1 9	20 11	0 31	18 14
F 7	5 25	3n15	5 1	17 9	2 40	13 2	0 25	16 23	0 13	21 1	0 31	11 13	1 9	20 11	0 31	18 15
S 8	5 47	8 58	4 43	17 35	2 47	13 29	0 22	16 35	0 13	21 0	0 31	11 11	1 9	20 11	0 31	18 15
S 9	6 10	14 6	4 6	17 59	2 53	13 55	0 20	16 48	0 14	21 0	0 31	11 9	1 9	20 10	0 31	18 16
M10	6 32	18 17	3 13	18 22	2 58	14 21	0 17	17 0	0 14	20 59	0 31	11 7	1 10	20 10	0 31	18 16
T 11	6 55	21 13	2 9	18 43	3 4	14 46	0 15	17 12	0 15	20 58	0 31	11 5	1 10	20 10	0 31	18 17
W12	7 17	22 47	1 0	19 3	3 8	15 12	0 12	17 24	0 16	20 58	0 31	11 3	1 10	20 10	0 31	18 17
T 13	7 40	22 59	0s11	19 22	3 13	15 37	0 9	17 36	0 16	20 57	0 31	11 1	1 10	20 9	0 31	18 17
F 14	8 2	21 54	1 19	19 38	3 17	16 1	0 7	17 48	0 17	20 56	0 31	10 58	1 10	20 9	0 31	18 18
S 15	8 24	19 46	2 22	19 53	3 20	16 25	0 4	17 59	0 17	20 56	0 31	10 56	1 10	20 9	0 31	18 18
S 16	8 46	16 46	3 16	20 6	3 23	16 49	0 1	18 11	0 18	20 55	0 31	10 54	1 11	20 9	0 31	18 19
M17	9 8	13 7	4 1	20 17	3 25	17 12	0s 1	18 22	0 19	20 54	0 31	10 52	1 11	20 8	0 31	18 19
T 18	9 29	8 59	4 34	20 25	3 26	17 35	0 4	18 33	0 19	20 53	0 31	10 50	1 11	20 8	0 31	18 20
W19	9 51	4 33	4 56	20 31	3 26	17 57	0 7	18 44	0 20	20 52	0 31	10 48	1 11	20 8	0 31	18 20
T 20	10 12	0s 3	5 5	20 34	3 25	18 19	0 10	18 55	0 20	20 51	0 31	10 46	1 11	20 8	0 31	18 20
F 21	10 34	4 40	5 1	20 34	3 23	18 41	0 12	19 6	0 21	20 50	0 31	10 45	1 11	20 7	0 31	18 21
S 22	10 55	9 8	4 43	20 31	3 20	19 2	0 15	19 17	0 22	20 49	0 31	10 43	1 12	20 7	0 31	18 21
S 23	11 16	13 18	4 13	20 25	3 16	19 22	0 18	19 27	0 22	20 48	0 31	10 41	1 12	20 7	0 31	18 22
M24	11 37	16 58	3 30	20 15	3 10	19 42	0 21	19 38	0 23	20 47	0 31	10 39	1 12	20 7	0 31	18 22
T 25	11 57	19 56	2 37	20 1	3 3	20 2	0 24	19 48	0 23	20 46	0 31	10 37	1 12	20 7	0 31	18 23
W26	12 18	21 58	1 36	19 43	2 53	20 21	0 26	19 58	0 24	20 45	0 31	10 35	1 12	20 7	0 31	18 23
T 27	12 38	22 55	0 28	19 21	2 43	20 39	0 29	20 8	0 24	20 43	0 31	10 34	1 13	20 7	0 31	18 24
F 28	12 58	22 38	0n42	18 54	2 30	20 57	0 32	20 18	0 25	20 42	0 31	10 32	1 13	20 7	0 31	18 24
S 29	13 18	21 6	1 51	18 24	2 16	21 15	0 35	20 27	0 26	20 41	0 31	10 30	1 13	20 6	0 31	18 25
S 30	13 38	18 21	2 55	17 50	2 0	21 31	0 38	20 37	0 26	20 39	0 31	10 28	1 13	20 6	0 31	18 25
M31	13s57	14s32	3n51	17s12	1s42	21s47	0s40	20s46	0s27	20s38	0s31	10n27	1n13	20n 6	0n31	18s25

Julian Day Number = 2680094.5, Delta T = 21m55s

Ecliptic obliquity = 23°21'28", Nutation = 0°00'17"

Ayanamsha: Fagan/Bradley = 33°29'35", Lahiri = 32°36'35"

# ASTRODIENST EPHEMERIS for the year 2625

NOVEMBER 2625

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 41 1	8♈26'26	21♈51	11°R25	6♈37	1♈54	29♈52	6♈0	2♈15	29♈43	9°R 4	19°R38	20♈56	17♈37	7°R14	T 1
W 2	2 44 58	9°26'06	6♈12	10♈10	7°51	2°36	29°59	6° 5	2°15	29°45	9°II 3	19°R36	20°53	17°43	7♈12	W 2
T 3	2 48 55	10°25'47	20°48	8°55	9° 4	3°19	0°44	6°10	2°15	29°47	9° 2	19°32	20°50	17°50	7°11	T 3
F 4	2 52 51	11°25'31	5♈32	7°42	10°18	4° 1	0°14	6°14	2°15	29°50	9° 1	19°26	20°46	17°57	7°10	F 4
S 5	2 56 48	12°25'15	20°19	6°34	11°32	4°43	0°21	6°19	2°16	29°52	9° 0	19°20	20°43	18° 4	7° 8	S 5
S 6	3 0 44	13°25'02	5♈ 1	5°33	12°45	5°26	0°29	6°23	2°16	29°54	8°59	19°15	20°40	18°10	7° 7	S 6
M 7	3 4 41	14°24'51	19°31	4°40	13°59	6° 8	0°36	6°28	2°16	29°56	8°58	19°11	20°37	18°17	7° 5	M 7
T 8	3 8 37	15°24'42	3♈41	3°58	15°13	6°51	0°44	6°32	2°16	29°58	8°57	19° 8	20°34	18°24	7° 3	T 8
W 9	3 12 34	16°24'34	17°28	3°26	16°26	7°33	0°52	6°36	2°16	0° 0	8°56	19°D 7	20°30	18°30	7° 1	W 9
T 10	3 16 30	17°24'29	0♈50	3° 5	17°40	8°16	1° 0	6°40	2°16	0° 3	8°55	19° 8	20°27	18°37	6°59	T 10
F 11	3 20 27	18°24'26	13°48	2°D56	18°54	8°59	1° 8	6°44	2°15	0° 5	8°54	19° 9	20°24	18°44	6°58	F 11
S 12	3 24 24	19°24'25	26°24	2°59	20° 7	9°42	1°17	6°48	2°15	0° 7	8°53	19°11	20°21	18°51	6°56	S 12
S 13	3 28 20	20°24'26	8♈24	3°12	21°21	10°25	1°25	6°52	2°15	0° 9	8°52	19°12	20°18	18°57	6°53	S 13
M14	3 32 17	21°24'29	20°47	3°35	22°34	11° 8	1°34	6°56	2°15	0°11	8°51	19°R13	20°15	19° 4	6°51	M14
T 15	3 36 13	22°24'34	2♈43	4° 8	23°48	11°51	1°43	7° 0	2°14	0°14	8°50	19°12	20°11	19°11	6°49	T 15
W16	3 40 10	23°24'41	14°35	4°50	25° 1	12°34	1°52	7° 3	2°14	0°16	8°49	19°11	20° 8	19°18	6°47	W16
T 17	3 44 6	24°24'51	26°28	5°39	26°15	13°17	2° 1	7° 7	2°13	0°18	8°48	19° 8	20° 5	19°24	6°45	T 17
F 18	3 48 3	25°25'02	8♈25	6°35	27°28	14° 0	2°10	7°10	2°13	0°20	8°47	19° 4	20° 2	19°31	6°42	F 18
S 19	3 51 59	26°25'15	20°31	7°37	28°42	14°43	2°19	7°13	2°12	0°23	8°46	19° 0	19°59	19°38	6°40	S 19
S 20	3 55 56	27°25'30	2♈47	8°45	29°55	15°27	2°29	7°17	2°12	0°25	8°45	18°56	19°56	19°44	6°37	S 20
M21	3 59 53	28°25'47	15°16	9°57	1♈ 9	16°10	2°38	7°20	2°11	0°27	8°44	18°53	19°52	19°51	6°35	M21
T 22	4 3 49	29°26'06	27°58	11°12	2°22	16°54	2°48	7°23	2°10	0°29	8°42	18°51	19°49	19°58	6°32	T 22
W23	4 7 46	0♈26'26	10♈53	12°31	3°36	17°37	2°58	7°26	2° 9	0°32	8°41	18°50	19°46	20° 5	6°29	W23
T 24	4 11 42	1°26'49	24° 2	13°53	4°49	18°21	3° 7	7°28	2° 8	0°34	8°40	18°D50	19°43	20°11	6°27	T 24
F 25	4 15 39	2°27'12	7♈24	15°17	6° 2	19° 4	3°17	7°31	2° 8	0°36	8°39	18°51	19°40	20°18	6°24	F 25
S 26	4 19 35	3°27'38	20°57	16°43	7°16	19°48	3°28	7°34	2° 7	0°38	8°38	18°52	19°36	20°25	6°21	S 26
S 27	4 23 32	4°28'04	4♈42	18°11	8°29	20°32	3°38	7°36	2° 6	0°41	8°37	18°53	19°33	20°32	6°18	S 27
M28	4 27 28	5°28'32	18°37	19°40	9°42	21°16	3°48	7°38	2° 5	0°43	8°36	18°54	19°30	20°38	6°15	M28
T 29	4 31 25	6°29'01	2♈40	21°10	10°56	21°59	3°59	7°41	2° 3	0°45	8°35	18°R54	19°27	20°45	6°12	T 29
W30	4 35 22	7♈29'31	16♈52	22♈41	12♈ 9	22♈43	4♈ 9	7♈43	2♈ 2	0♈47	8♈34	18♈54	19♈24	20♈52	6♈ 9	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	14s16	9s50	4n35	16s31	1s23	22s 3	0s43	20s55	0s27	20s37	0s31	10n25	1n13	20n 6	0n32	18s26
W 2	14 35	4 31	5 2	15 49	1 3	22 18	0 46	21 4	0 28	20 35	0 31	10 24	1 14	20 6	0 32	18 26
T 3	14 54	1n 7	5 10	15 6	0 43	22 32	0 49	21 13	0 28	20 34	0 31	10 22	1 14	20 6	0 32	18 27
F 4	15 12	6 45	4 58	14 23	0 22	22 46	0 51	21 21	0 29	20 32	0 31	10 20	1 14	20 6	0 32	18 27
S 5	15 31	12 1	4 26	13 41	0 2	22 59	0 54	21 29	0 29	20 31	0 31	10 19	1 14	20 6	0 32	18 28
S 6	15 49	16 34	3 37	13 2	0n18	23 11	0 57	21 38	0 30	20 29	0 31	10 17	1 14	20 6	0 32	18 28
M 7	16 7	20 2	2 34	12 27	0 37	23 23	0 59	21 46	0 31	20 27	0 31	10 16	1 15	20 6	0 32	18 29
T 8	16 24	22 11	1 23	11 56	0 55	23 34	1 2	21 53	0 31	20 26	0 31	10 15	1 15	20 6	0 32	18 29
W 9	16 41	22 55	0 9	11 31	1 10	23 44	1 5	22 1	0 32	20 24	0 31	10 13	1 15	20 6	0 32	18 30
T 10	16 58	22 18	1s 4	11 10	1 25	23 54	1 7	22 8	0 32	20 22	0 31	10 12	1 15	20 6	0 32	18 30
F 11	17 15	20 29	2 1	10 56	1 37	24 3	1 10	22 16	0 33	20 20	0 31	10 11	1 15	20 6	0 32	18 31
S 12	17 31	17 41	3 10	10 47	1 48	24 12	1 12	22 23	0 33	20 19	0 31	10 9	1 16	20 6	0 32	18 31
S 13	17 47	14 11	3 59	10 43	1 56	24 19	1 15	22 29	0 34	20 17	0 31	10 8	1 16	20 7	0 32	18 32
M14	18 3	10 9	4 36	10 44	2 3	24 26	1 17	22 36	0 34	20 15	0 31	10 7	1 16	20 7	0 32	18 32
T 15	18 19	5 47	5 1	10 50	2 9	24 32	1 20	22 42	0 35	20 13	0 31	10 6	1 16	20 7	0 32	18 33
W16	18 34	1 14	5 13	11 0	2 13	24 38	1 22	22 49	0 35	20 11	0 31	10 5	1 16	20 7	0 32	18 33
T 17	18 49	3s22	5 11	11 14	2 15	24 43	1 24	22 55	0 36	20 9	0 31	10 3	1 17	20 7	0 32	18 33
F 18	19 3	7 52	4 56	11 31	2 16	24 47	1 27	23 0	0 36	20 7	0 31	10 2	1 17	20 7	0 32	18 34
S 19	19 17	12 7	4 28	11 51	2 16	24 50	1 29	23 6	0 37	20 5	0 31	10 1	1 17	20 7	0 32	18 34
S 20	19 31	15 57	3 47	12 14	2 15	24 52	1 31	23 11	0 37	20 3	0 31	10 0	1 17	20 8	0 32	18 35
M21	19 45	19 8	2 55	12 38	2 14	24 54	1 33	23 16	0 38	20 1	0 31	9 59	1 18	20 8	0 32	18 35
T 22	19 58	21 28	1 53	13 4	2 11	24 55	1 35	23 21	0 38	19 58	0 31	9 59	1 18	20 8	0 32	18 36
W23	20 10	22 43	0 44	13 31	2 8	24 56	1 37	23 26	0 39	19 56	0 31	9 58	1 18	20 8	0 32	18 36
T 24	20 23	22 45	0n29	13 59	2 4	24 55	1 39	23 30	0 39	19 54	0 31	9 57	1 18	20 8	0 32	18 37
F 25	20 35	21 28	1 41	14 28	1 59	24 54	1 41	23 34	0 40	19 52	0 31	9 56	1 18	20 9	0 32	18 37
S 26	20 46	18 57	2 48	14 57	1 54	24 52	1 43	23 38	0 40	19 49	0 31	9 55	1 19	20 9	0 32	18 38
S 27	20 58	15 21	3 47	15 27	1 49	24 50	1 45	23 42	0 41	19 47	0 31	9 55	1 19	20 9	0 32	18 38
M28	21 9	10 51	4 33	15 56	1 43	24 46	1 47	23 45	0 41	19 44	0 31	9 54	1 19	20 9	0 32	18 39
T 29	21 19	5 45	5 4	16 26	1 37	24 42	1 48	23 49	0 42	19 42	0 31	9 53	1 19	20 10	0 32	18 39
W30	21s29	0s19	5n16	16s55	1n30	24s38	1s50	23s52	0s42	19s40	0s31	9n53	1n20	20n10	0n33	18s39

Julian Day Number = 2680125.5, Delta T = 21m55s  
 Ecliptic obliquity = 23°21'28", Nutation = 0°00'16"  
 Ayanamsha: Fagan/Bradley = 33°29'39", Lahiri = 32°36'39"

## ASTRODIENST EPHEMERIS for the year 2625

DECEMBER 2625

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 39 18	8°30'02	1°9' 9	24°13	13°22	23°27	4°20	7°45	2°R 1	0°50	8°R32	18°R54	19°21	20°58	6°R 6	T 1
F 2	4 43 15	9°30'35	15°28	25°46	14°35	24°11	4°31	7°47	2°R 0	0°52	8°R31	18°R53	19°17	21° 5	6°R 3	F 2
S 3	4 47 11	10°31'08	29°46	27°18	15°48	24°55	4°42	7°49	1°59	0°54	8°R30	18°R52	19°14	21°12	6° 0	S 3
S 4	4 51 8	11°31'43	13°58	28°51	17° 1	25°40	4°53	7°51	1°57	0°56	8°29	18°51	19°11	21°19	5°56	S 4
M 5	4 55 4	12°32'20	28° 1	0°25	18°15	26°24	5° 4	7°52	1°56	0°59	8°28	18°50	19° 8	21°25	5°53	M 5
T 6	4 59 1	13°32'57	11°51	1°59	19°28	27° 8	5°15	7°54	1°54	1° 1	8°27	18°50	19° 5	21°32	5°50	T 6
W 7	5 2 57	14°33'36	25°23	3°32	20°41	27°52	5°26	7°55	1°53	1° 3	8°26	18°D50	19° 2	21°39	5°46	W 7
T 8	5 6 54	15°34'17	8°37	5° 6	21°54	28°37	5°38	7°56	1°51	1° 5	8°25	18°50	18°58	21°45	5°43	T 8
F 9	5 10 51	16°34'59	21°32	6°40	23° 6	29°21	5°49	7°58	1°50	1° 7	8°23	18°50	18°55	21°52	5°40	F 9
S 10	5 14 47	17°35'42	4°9	8°14	24°19	0°3	6° 1	7°59	1°48	1°10	8°22	18°50	18°52	21°59	5°36	S 10
S 11	5 18 44	18°36'26	16°29	9°48	25°32	0°50	6°12	8° 0	1°47	1°12	8°21	18°R50	18°49	22° 6	5°33	S 11
M12	5 22 40	19°37'12	28°36	11°22	26°45	1°35	6°24	8° 1	1°45	1°14	8°20	18°50	18°46	22°12	5°29	M12
T 13	5 26 37	20°38'00	10°33	12°56	27°58	2°19	6°36	8° 1	1°43	1°16	8°19	18°50	18°42	22°19	5°26	T 13
W14	5 30 33	21°38'48	22°26	14°30	29°11	3° 4	6°48	8° 2	1°41	1°18	8°18	18°D50	18°39	22°26	5°22	W14
T 15	5 34 30	22°39'39	4°19	16° 4	0°23	3°49	7° 0	8° 2	1°39	1°20	8°17	18°50	18°36	22°33	5°19	T 15
F 16	5 38 26	23°40'30	16°17	17°38	1°36	4°34	7°12	8° 3	1°38	1°22	8°16	18°51	18°33	22°39	5°15	F 16
S 17	5 42 23	24°41'23	28°24	19°12	2°49	5°19	7°24	8° 3	1°36	1°25	8°15	18°51	18°30	22°46	5°11	S 17
S 18	5 46 20	25°42'17	10°44	20°46	4° 1	6° 3	7°36	8° 3	1°34	1°27	8°14	18°52	18°27	22°53	5° 8	S 18
M19	5 50 16	26°43'12	23°20	22°20	5°14	6°48	7°48	8°R 3	1°32	1°29	8°12	18°53	18°23	22°59	5° 4	M19
T 20	5 54 13	27°44'09	6°15	23°54	6°26	7°33	8° 1	8° 3	1°30	1°31	8°11	18°53	18°20	23° 6	5° 0	T 20
W21	5 58 9	28°45'07	19°29	25°28	7°39	8°19	8°13	8° 3	1°28	1°33	8°10	18°R54	18°17	23°13	4°57	W21
T 22	6 2 6	29°46'05	3°3	27° 2	8°51	9° 4	8°26	8° 3	1°26	1°35	8° 9	18°53	18°14	23°20	4°53	T 22
F 23	6 6 2	0°47'04	16°51	28°36	10° 3	9°49	8°38	8° 3	1°24	1°37	8° 8	18°52	18°11	23°26	4°49	F 23
S 24	6 9 59	1°48'05	0°53	0°30	11°15	10°34	8°51	8° 2	1°21	1°39	8° 7	18°51	18° 8	23°33	4°46	S 24
S 25	6 13 56	2°49'05	15° 5	1°45	12°28	11°19	9° 4	8° 1	1°19	1°41	8° 6	18°49	18° 4	23°40	4°42	S 25
M26	6 17 52	3°50'06	29°23	3°19	13°40	12° 5	9°17	8° 1	1°17	1°43	8° 5	18°47	18° 1	23°47	4°38	M26
T 27	6 21 49	4°51'08	13°41	4°54	14°52	12°50	9°30	8° 0	1°15	1°45	8° 4	18°46	17°58	23°53	4°34	T 27
W28	6 25 45	5°52'10	27°56	6°28	16° 4	13°36	9°42	7°59	1°13	1°47	8° 3	18°45	17°55	24° 0	4°31	W28
T 29	6 29 42	6°53'12	12°9	8° 3	17°16	14°21	9°55	7°58	1°10	1°49	8° 2	18°D45	17°52	24° 7	4°27	T 29
F 30	6 33 38	7°54'15	26° 9	9°38	18°28	15° 7	10° 8	7°57	1° 8	1°51	8° 1	18°45	17°48	24°13	4°23	F 30
S 31	6 37 35	8°55'18	10°3	11°31	19°39	15°52	10°22	7°55	1°R 6	1°53	8°R 0	18°R47	17°R45	24°R20	4°R19	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	21s39	5n11	5n 9	17s24	1n24	24s32	1s51	23s54	0s43	19s37	0s31	9n52	1n20	20n10	0n33	T 1
F 2	21 48	10 25	4 43	17 53	1 17	24 26	1 53	23 57	0 43	19 34	0 31	9 52	1 20	20 11	0 33	F 2
S 3	21 57	15 5	4 0	18 21	1 10	24 19	1 54	23 59	0 44	19 32	0 31	9 51	1 20	20 11	0 33	S 3
S 4	22 5	18 52	3 1	18 48	1 4	24 11	1 56	24 1	0 44	19 29	0 31	9 51	1 20	20 11	0 33	S 4
M 5	22 13	21 29	1 53	19 15	0 57	24 3	1 57	24 3	0 45	19 27	0 31	9 50	1 21	20 12	0 33	M 5
T 6	22 21	22 46	0 39	19 41	0 49	23 54	1 58	24 5	0 45	19 24	0 31	9 50	1 21	20 12	0 33	T 6
W 7	22 28	22 40	0s36	20 6	0 42	23 44	1 59	24 6	0 45	19 21	0 31	9 50	1 21	20 12	0 33	W 7
T 8	22 35	21 17	1 48	20 30	0 35	23 34	2 0	24 7	0 46	19 18	0 31	9 49	1 21	20 13	0 33	T 8
F 9	22 41	18 49	2 52	20 53	0 28	23 22	2 1	24 8	0 46	19 16	0 31	9 49	1 22	20 13	0 33	F 9
S 10	22 47	15 30	3 46	21 16	0 21	23 11	2 2	24 8	0 47	19 13	0 31	9 49	1 22	20 13	0 33	S 10
S 11	22 52	11 35	4 28	21 37	0 14	22 58	2 3	24 9	0 47	19 10	0 31	9 49	1 22	20 14	0 33	S 11
M12	22 57	7 16	4 58	21 57	0 7	22 45	2 3	24 9	0 48	19 7	0 32	9 49	1 22	20 14	0 33	M12
T 13	23 2	2 44	5 14	22 17	0s 0	22 31	2 4	24 8	0 48	19 4	0 32	9 49	1 23	20 15	0 33	T 13
W14	23 6	1s52	5 17	22 35	0 7	22 17	2 4	24 8	0 48	19 1	0 32	9 49	1 23	20 15	0 33	W14
T 15	23 9	6 23	5 6	22 52	0 14	22 2	2 5	24 7	0 49	18 58	0 32	9 49	1 23	20 16	0 33	T 15
F 16	23 12	10 43	4 42	23 8	0 21	21 46	2 5	24 6	0 49	18 55	0 32	9 49	1 23	20 16	0 33	F 16
S 17	23 15	14 41	4 5	23 22	0 27	21 30	2 5	24 5	0 50	18 52	0 32	9 49	1 23	20 16	0 33	S 17
S 18	23 17	18 6	3 16	23 36	0 34	21 13	2 6	24 3	0 50	18 49	0 32	9 49	1 24	20 17	0 33	S 18
M19	23 19	20 45	2 17	23 48	0 40	20 56	2 6	24 1	0 51	18 46	0 32	9 49	1 24	20 17	0 33	M19
T 20	23 20	22 25	1 10	23 59	0 46	20 38	2 6	23 59	0 51	18 43	0 32	9 49	1 24	20 18	0 33	T 20
W21	23 21	22 53	0n 3	24 9	0 53	20 19	2 6	23 57	0 51	18 40	0 32	9 50	1 24	20 18	0 33	W21
T 22	23 21	22 2	1 17	24 18	0 59	20 0	2 5	23 54	0 52	18 36	0 32	9 50	1 25	20 19	0 33	T 22
F 23	23 21	19 51	2 29	24 25	1 4	19 40	2 5	23 52	0 52	18 33	0 32	9 50	1 25	20 19	0 33	F 23
S 24	23 21	16 26	3 32	24 31	1 10	19 20	2 5	23 49	0 52	18 30	0 32	9 51	1 25	20 20	0 33	S 24
S 25	23 20	12 4	4 23	24 36	1 15	18 59	2 4	23 45	0 53	18 27	0 32	9 51	1 25	20 20	0 33	S 25
M26	23 18	7 0	4 58	24 40	1 21	18 38	2 3	23 42	0 53	18 23	0 32	9 52	1 26	20 21	0 33	M26
T 27	23 16	1 33	5 14	24 42	1 26	18 17	2 3	23 38	0 54	18 20	0 32	9 52	1 26	20 21	0 33	T 27
W28	23 14	3n57	5 12	24 42	1 31	17 54	2 2	23 34	0 54	18 16	0 32	9 53	1 26	20 22	0 33	W28
T 29	23 11	9 13	4 50	24 42	1 35	17 32	2 1	23 29	0 54	18 13	0 32	9 53	1 26	20 22	0 33	T 29
F 30	23 7	13 58	4 11	24 40	1 40	17 9	2 0	23 25	0 55	18 9	0 32	9 54	1 26	20 23	0 33	F 30
S 31	23s 3	17n54	3n18	24s36	1s44	16s45	1s59	23s20	0s55	18s 6	0s32	9n55	1n27	20n23	0n33	S 31

Julian Day Number = 2680155.5, Delta T = 21m55s

Ecliptic obliquity = 23°21'27", Nutation = 0°00'16"

Ayanamsha: Fagan/Bradley = 33°29'43", Lahiri = 32°36'43"

## ASTRODIENST EPHEMERIS for the year 2626

JANUARY 2626

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 41 31	9°56'21	23°48	12°349	20°51	16°38	10°35	7°R54	1°R 3	1°54	7°R59	18°48	17°42	24°27	4°R16	S 1
M 2	6 45 28	10°57'24	7°II21	14°24	22° 3	17°23	10°48	7°II53	1°Ω 1	1°56	7°II59	18°49	17°39	24°34	4°Ω12	M 2
T 3	6 49 25	11°58'28	20°44	16° 0	23°14	18° 9	11° 1	7°51	0°59	1°58	7°58	18°R50	17°36	24°40	4° 8	T 3
W 4	6 53 21	12°59'33	3°Ω54	17°36	24°26	18°55	11°15	7°49	0°56	2° 0	7°57	18°49	17°33	24°47	4° 5	W 4
T 5	6 57 18	14° 0'37	16°50	19°12	25°37	19°41	11°28	7°48	0°54	2° 2	7°56	18°47	17°29	24°54	4° 1	T 5
F 6	7 1 14	15° 1'42	29°34	20°49	26°48	20°26	11°41	7°46	0°51	2° 4	7°55	18°43	17°26	25° 0	3°57	F 6
S 7	7 5 11	16° 2'47	12°Ω 3	22°25	27°59	21°12	11°55	7°44	0°49	2° 5	7°54	18°39	17°23	25° 7	3°54	S 7
S 8	7 9 7	17° 3'53	24°20	24° 2	29°10	21°58	12° 8	7°42	0°46	2° 7	7°53	18°34	17°20	25°14	3°50	S 8
M 9	7 13 4	18° 4'59	6°II26	25°39	0°X21	22°44	12°22	7°39	0°44	2° 9	7°52	18°29	17°17	25°21	3°46	M 9
T 10	7 17 0	19° 6'05	18°24	27°17	1°32	23°30	12°36	7°37	0°41	2°10	7°52	18°24	17°14	25°27	3°43	T 10
W 11	7 20 57	20° 7'12	0°Ω16	28°54	2°43	24°16	12°49	7°35	0°39	2°12	7°51	18°21	17°10	25°34	3°39	W 11
T 12	7 24 54	21° 8'19	12° 8	0°Ω32	3°53	25° 2	13° 3	7°32	0°36	2°14	7°50	18°19	17° 7	25°41	3°36	T 12
F 13	7 28 50	22° 9'27	24° 4	2°10	5° 4	25°48	13°17	7°29	0°33	2°15	7°49	18°D18	17° 4	25°48	3°32	F 13
S 14	7 32 47	23°10'34	6°II 8	3°47	6°14	26°35	13°30	7°27	0°31	2°17	7°48	18°19	17° 1	25°54	3°29	S 14
S 15	7 36 43	24°11'43	18°26	5°25	7°24	27°21	13°44	7°24	0°28	2°18	7°48	18°21	16°58	26° 1	3°25	S 15
M 16	7 40 40	25°12'51	1°X 2	7° 3	8°34	28° 7	13°58	7°21	0°26	2°20	7°47	18°22	16°54	26° 8	3°22	M 16
T 17	7 44 36	26°14'00	14° 1	8°40	9°44	28°53	14°12	7°18	0°23	2°22	7°46	18°R23	16°51	26°14	3°19	T 17
W 18	7 48 33	27°15'09	27°24	10°18	10°54	29°40	14°26	7°15	0°21	2°23	7°46	18°23	16°48	26°21	3°15	W 18
T 19	7 52 29	28°16'18	11°Ω12	11°55	12° 4	0°Ω26	14°40	7°12	0°18	2°25	7°45	18°21	16°45	26°28	3°12	T 19
F 20	7 56 26	29°17'26	25°23	13°31	13°14	1°12	14°54	7° 9	0°15	2°26	7°44	18°17	16°42	26°35	3° 9	F 20
S 21	8 0 23	0°Ω18'35	9°Ω53	15° 6	14°23	1°59	15° 8	7° 5	0°13	2°27	7°44	18°11	16°39	26°41	3° 5	S 21
S 22	8 4 19	1°19'43	24°36	16°41	15°32	2°45	15°22	7° 2	0°10	2°29	7°43	18° 4	16°35	26°48	3° 2	S 22
M 23	8 8 16	2°20'51	9°X22	18°14	16°41	3°32	15°36	6°58	0° 8	2°30	7°42	17°57	16°32	26°55	2°59	M 23
T 24	8 12 12	3°21'58	24° 5	19°46	17°50	4°18	15°50	6°55	0° 5	2°31	7°42	17°50	16°29	27° 1	2°56	T 24
W 25	8 16 9	4°23'05	8°Y38	21°16	18°59	5° 5	16° 4	6°51	0° 2	2°33	7°41	17°46	16°26	27° 8	2°53	W 25
T 26	8 20 5	5°24'11	22°56	22°43	20° 8	5°52	16°18	6°47	29°Ω59	2°34	7°41	17°43	16°23	27°15	2°50	T 26
F 27	8 24 2	6°25'16	6°Ω57	24° 8	21°16	6°38	16°32	6°43	29°57	2°35	7°40	17°D42	16°20	27°22	2°47	F 27
S 28	8 27 58	7°26'20	20°41	25°29	22°25	7°25	16°46	6°40	29°55	2°36	7°40	17°43	16°16	27°28	2°44	S 28
S 29	8 31 55	8°27'24	4°II 8	26°47	23°33	8°12	17° 1	6°36	29°52	2°38	7°39	17°44	16°13	27°35	2°41	S 29
M 30	8 35 52	9°28'27	17°20	28° 0	24°41	8°58	17°15	6°32	29°49	2°39	7°39	17°R45	16°10	27°42	2°39	M 30
T 31	8 39 48	10°29'29	0°Ω19	29°Ω 7	25°X48	9°Ω45	17°Ω29	6°II28	29°Ω47	2°X40	7°II38	17°X44	16°X 7	27°II49	2°Ω36	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	22s59	20n49	2n14	24s32	1s48	16s21	1s58	23s14	0s55	18s 2	0s32	9n55	1n27	20n24	0n33	S 1
M 2	22 54	22 30	1 3	24 25	1 51	15 57	1 56	23 9	0 56	17 59	0 32	9 56	1 27	20 24	0 33	M 2
T 3	22 49	22 52	0s10	24 18	1 55	15 32	1 55	23 3	0 56	17 55	0 32	9 57	1 27	20 25	0 33	T 3
W 4	22 44	21 56	1 22	24 9	1 58	15 7	1 53	22 57	0 56	17 52	0 32	9 58	1 28	20 25	0 33	W 4
T 5	22 37	19 51	2 28	23 58	2 0	14 41	1 52	22 51	0 57	17 48	0 32	9 59	1 28	20 26	0 33	T 5
F 6	22 31	16 50	3 25	23 47	2 3	14 16	1 50	22 45	0 57	17 44	0 32	10 0	1 28	20 27	0 33	F 6
S 7	22 24	13 6	4 11	23 33	2 5	13 49	1 48	22 38	0 57	17 41	0 32	10 0	1 28	20 27	0 33	S 7
S 8	22 16	8 53	4 45	23 18	2 7	13 23	1 46	22 31	0 58	17 37	0 33	10 1	1 28	20 28	0 33	S 8
M 9	22 8	4 23	5 5	23 2	2 8	12 56	1 44	22 24	0 58	17 33	0 33	10 3	1 29	20 28	0 34	M 9
T 10	22 0	0s13	5 12	22 44	2 9	12 29	1 42	22 16	0 58	17 29	0 33	10 4	1 29	20 29	0 34	T 10
W 11	21 51	4 47	5 6	22 25	2 10	12 1	1 39	22 9	0 58	17 26	0 33	10 5	1 29	20 29	0 34	W 11
T 12	21 42	9 10	4 46	22 5	2 10	11 33	1 37	22 1	0 59	17 22	0 33	10 6	1 29	20 30	0 34	T 12
F 13	21 33	13 14	4 14	21 43	2 9	11 5	1 35	21 53	0 59	17 18	0 33	10 7	1 30	20 31	0 34	F 13
S 14	21 23	16 49	3 30	21 19	2 9	10 37	1 32	21 44	0 59	17 14	0 33	10 8	1 30	20 31	0 34	S 14
S 15	21 12	19 45	2 36	20 54	2 7	10 9	1 29	21 35	0 59	17 10	0 33	10 9	1 30	20 32	0 34	S 15
M 16	21 1	21 49	1 33	20 28	2 6	9 40	1 26	21 27	0 10	17 6	0 33	10 11	1 30	20 32	0 34	M 16
T 17	20 50	22 48	0 24	20 1	2 3	9 11	1 23	21 17	1 0	17 2	0 33	10 12	1 30	20 33	0 34	T 17
W 18	20 38	22 31	0n49	19 32	2 0	8 42	1 20	21 8	1 0	16 58	0 33	10 13	1 31	20 33	0 34	W 18
T 19	20 26	20 53	2 1	19 2	1 57	8 12	1 17	20 58	1 0	16 54	0 33	10 15	1 31	20 34	0 34	T 19
F 20	20 14	17 55	3 7	18 30	1 52	7 43	1 14	20 49	1 1	16 50	0 33	10 16	1 31	20 34	0 34	F 20
S 21	20 1	13 49	4 3	17 58	1 48	7 13	1 11	20 38	1 1	16 46	0 33	10 17	1 31	20 35	0 34	S 21
S 22	19 48	8 50	4 43	17 24	1 42	6 43	1 7	20 28	1 1	16 42	0 33	10 19	1 31	20 36	0 34	S 22
M 23	19 34	3 19	5 5	16 50	1 36	6 13	1 4	20 18	1 1	16 38	0 33	10 20	1 32	20 36	0 34	M 23
T 24	19 20	2n21	5 6	16 14	1 29	5 43	1 0	20 7	1 2	16 34	0 33	10 22	1 32	20 37	0 34	T 24
W 25	19 6	7 50	4 48	15 38	1 21	5 12	0 56	19 56	1 2	16 30	0 33	10 23	1 32	20 37	0 34	W 25
T 26	18 51	12 47	4 12	15 2	1 12	4 42	0 52	19 45	1 2	16 26	0 34	10 25	1 32	20 38	0 34	T 26
F 27	18 36	16 58	3 22	14 25	1 2	4 11	0 48	19 33	1 2	16 22	0 34	10 27	1 32	20 38	0 34	F 27
S 28	18 21	20 7	2 20	13 48	0 52	3 41	0 44	19 22	1 2	16 17	0 34	10 28	1 33	20 39	0 34	S 28
S 29	18 5	22 5	1 13	13 11	0 40	3 10	0 40	19 10	1 3	16 13	0 34	10 30	1 33	20 39	0 34	S 29
M 30	17 49	22 48	0 2	12 34	0 28	2 39	0 36	18 58	1 3	16 9	0 34	10 31	1 33	20 40	0 34	M 30
T 31	17s33	22n14	1s 7	11s58	0s15	2s 9	0s31	18s45	1s 3	16s 5	0s34	10n33	1n33	20n41	0n34	T 31

Julian Day Number = 2680186.5, Delta T = 21m56s

Ecliptic obliquity = 23°21'26, Nutation = 0°00'17

Ayanamsha: Fagan/Bradley = 33°29'47, Lahiri = 32°36'47

# ASTRODIENST EPHEMERIS for the year 2626

FEBRUARY 2626

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 43 45	11 <sup>30</sup> 31	13 <sup>28</sup> 6	0 <sup>18</sup> 8	26 <sup>18</sup> 56	10 <sup>33</sup> 32	17 <sup>43</sup> 43	6 <sup>23</sup> 23	29 <sup>44</sup> 44	2 <sup>41</sup> 41	7 <sup>38</sup> 38	17 <sup>41</sup> 41	16 <sup>4</sup> 4	27 <sup>55</sup> 55	2 <sup>33</sup> 33	W 1
T 2	8 47 41	12 <sup>31</sup> 31	25 <sup>43</sup> 43	1 <sup>3</sup> 3	28 <sup>3</sup> 3	11 <sup>19</sup> 19	17 <sup>57</sup> 57	6 <sup>19</sup> 19	29 <sup>42</sup> 42	2 <sup>42</sup> 42	7 <sup>37</sup> 37	17 <sup>41</sup> 41	16 <sup>0</sup> 0	28 <sup>2</sup> 2	2 <sup>33</sup> 33	T 2
F 3	8 51 38	13 <sup>32</sup> 31	8 <sup>10</sup> 10	1 <sup>49</sup> 49	29 <sup>10</sup> 10	12 <sup>5</sup> 5	18 <sup>12</sup> 12	6 <sup>15</sup> 15	29 <sup>39</sup> 39	2 <sup>43</sup> 43	7 <sup>37</sup> 37	17 <sup>27</sup> 27	15 <sup>57</sup> 57	28 <sup>9</sup> 9	2 <sup>28</sup> 28	F 3
S 4	8 55 34	14 <sup>33</sup> 30	20 <sup>28</sup> 28	2 <sup>27</sup> 27	0 <sup>17</sup> 17	12 <sup>52</sup> 52	18 <sup>26</sup> 26	6 <sup>11</sup> 11	29 <sup>37</sup> 37	2 <sup>44</sup> 44	7 <sup>37</sup> 37	17 <sup>16</sup> 16	15 <sup>54</sup> 54	28 <sup>15</sup> 15	2 <sup>26</sup> 26	S 4
S 5	8 59 31	15 <sup>34</sup> 28	2 <sup>10</sup> 37	2 <sup>55</sup> 55	1 <sup>23</sup> 23	13 <sup>39</sup> 39	18 <sup>40</sup> 40	6 <sup>6</sup> 6	29 <sup>34</sup> 34	2 <sup>45</sup> 45	7 <sup>36</sup> 36	17 <sup>5</sup> 5	15 <sup>51</sup> 51	28 <sup>22</sup> 22	2 <sup>23</sup> 23	S 5
M 6	9 3 28	16 <sup>35</sup> 26	14 <sup>38</sup> 38	3 <sup>14</sup> 14	2 <sup>30</sup> 30	14 <sup>26</sup> 26	18 <sup>54</sup> 54	6 <sup>2</sup> 2	29 <sup>32</sup> 32	2 <sup>46</sup> 46	7 <sup>36</sup> 36	16 <sup>53</sup> 53	15 <sup>48</sup> 48	28 <sup>29</sup> 29	2 <sup>21</sup> 21	M 6
T 7	9 7 24	17 <sup>36</sup> 22	26 <sup>34</sup> 34	3 <sup>21</sup> 21	3 <sup>36</sup> 36	15 <sup>13</sup> 13	19 <sup>9</sup> 9	5 <sup>57</sup> 57	29 <sup>29</sup> 29	2 <sup>47</sup> 47	7 <sup>36</sup> 36	16 <sup>42</sup> 42	15 <sup>45</sup> 45	28 <sup>36</sup> 36	2 <sup>19</sup> 19	T 7
W 8	9 11 21	18 <sup>37</sup> 18	8 <sup>25</sup> 25	3 <sup>17</sup> 17	4 <sup>42</sup> 42	16 <sup>0</sup> 0	19 <sup>23</sup> 23	5 <sup>53</sup> 53	29 <sup>27</sup> 27	2 <sup>48</sup> 48	7 <sup>35</sup> 35	16 <sup>33</sup> 33	15 <sup>41</sup> 41	28 <sup>42</sup> 42	2 <sup>16</sup> 16	W 8
T 9	9 15 17	19 <sup>38</sup> 14	20 <sup>16</sup> 16	3 <sup>2</sup> 2	5 <sup>47</sup> 47	16 <sup>47</sup> 47	19 <sup>37</sup> 37	5 <sup>48</sup> 48	29 <sup>25</sup> 25	2 <sup>49</sup> 49	7 <sup>35</sup> 35	16 <sup>26</sup> 26	15 <sup>38</sup> 38	28 <sup>49</sup> 49	2 <sup>14</sup> 14	T 9
F 10	9 19 14	20 <sup>39</sup> 09	2 <sup>10</sup> 9	2 <sup>35</sup> 35	6 <sup>53</sup> 53	17 <sup>34</sup> 34	19 <sup>52</sup> 52	5 <sup>44</sup> 44	29 <sup>22</sup> 22	2 <sup>49</sup> 49	7 <sup>35</sup> 35	16 <sup>22</sup> 22	15 <sup>35</sup> 35	28 <sup>56</sup> 56	2 <sup>12</sup> 12	F 10
S 11	9 23 10	21 <sup>40</sup> 03	14 <sup>10</sup> 10	1 <sup>58</sup> 58	7 <sup>58</sup> 58	18 <sup>21</sup> 21	20 <sup>6</sup> 6	5 <sup>39</sup> 39	29 <sup>20</sup> 20	2 <sup>50</sup> 50	7 <sup>35</sup> 35	16 <sup>20</sup> 20	15 <sup>32</sup> 32	29 <sup>2</sup> 2	2 <sup>10</sup> 10	S 11
S 12	9 27 7	22 <sup>40</sup> 56	26 <sup>24</sup> 24	1 <sup>11</sup> 11	9 <sup>2</sup> 2	19 <sup>8</sup> 8	20 <sup>20</sup> 20	5 <sup>34</sup> 34	29 <sup>17</sup> 17	2 <sup>51</sup> 51	7 <sup>35</sup> 35	16 <sup>19</sup> 19	15 <sup>29</sup> 29	29 <sup>9</sup> 9	2 <sup>8</sup> 8	S 12
M13	9 31 3	23 <sup>41</sup> 49	8 <sup>25</sup> 55	0 <sup>15</sup> 15	10 <sup>7</sup> 7	19 <sup>55</sup> 55	20 <sup>34</sup> 34	5 <sup>30</sup> 30	29 <sup>15</sup> 15	2 <sup>52</sup> 52	7 <sup>34</sup> 34	16 <sup>20</sup> 20	15 <sup>25</sup> 25	29 <sup>16</sup> 16	2 <sup>6</sup> 6	M13
T 14	9 35 0	24 <sup>42</sup> 41	21 <sup>49</sup> 49	29 <sup>12</sup> 12	11 <sup>11</sup> 11	20 <sup>42</sup> 42	20 <sup>49</sup> 49	5 <sup>25</sup> 25	29 <sup>13</sup> 13	2 <sup>52</sup> 52	7 <sup>34</sup> 34	16 <sup>20</sup> 20	15 <sup>22</sup> 22	29 <sup>23</sup> 23	2 <sup>5</sup> 5	T 14
W15	9 38 56	25 <sup>43</sup> 32	5 <sup>30</sup> 10	28 <sup>4</sup> 4	12 <sup>15</sup> 15	21 <sup>29</sup> 29	21 <sup>3</sup> 3	5 <sup>20</sup> 20	29 <sup>11</sup> 11	2 <sup>53</sup> 53	7 <sup>34</sup> 34	16 <sup>18</sup> 18	15 <sup>19</sup> 19	29 <sup>29</sup> 29	2 <sup>3</sup> 3	W15
T 16	9 42 53	26 <sup>44</sup> 22	19 <sup>0</sup> 0	26 <sup>53</sup> 53	13 <sup>18</sup> 18	22 <sup>17</sup> 17	21 <sup>17</sup> 17	5 <sup>15</sup> 15	29 <sup>8</sup> 8	2 <sup>53</sup> 53	7 <sup>34</sup> 34	16 <sup>14</sup> 14	15 <sup>16</sup> 16	29 <sup>36</sup> 36	2 <sup>1</sup> 1	T 16
F 17	9 46 50	27 <sup>45</sup> 12	3 <sup>19</sup> 19	25 <sup>40</sup> 40	14 <sup>21</sup> 21	23 <sup>4</sup> 4	21 <sup>31</sup> 31	5 <sup>11</sup> 11	29 <sup>6</sup> 6	2 <sup>54</sup> 54	7 <sup>34</sup> 34	16 <sup>8</sup> 8	15 <sup>13</sup> 13	29 <sup>43</sup> 43	2 <sup>0</sup> 0	F 17
S 18	9 50 46	28 <sup>46</sup> 00	18 <sup>3</sup> 3	24 <sup>28</sup> 28	15 <sup>24</sup> 24	23 <sup>51</sup> 51	21 <sup>46</sup> 46	5 <sup>6</sup> 6	29 <sup>4</sup> 4	2 <sup>55</sup> 55	7 <sup>34</sup> 34	15 <sup>59</sup> 59	15 <sup>10</sup> 10	29 <sup>49</sup> 49	1 <sup>58</sup> 58	S 18
S 19	9 54 43	29 <sup>46</sup> 47	3 <sup>18</sup> 6	23 <sup>19</sup> 19	16 <sup>27</sup> 27	24 <sup>38</sup> 38	22 <sup>0</sup> 0	5 <sup>1</sup> 1	29 <sup>2</sup> 2	2 <sup>55</sup> 55	7 <sup>34</sup> 34	15 <sup>48</sup> 48	15 <sup>6</sup> 6	29 <sup>56</sup> 56	1 <sup>57</sup> 57	S 19
M20	9 58 39	0 <sup>47</sup> 33	18 <sup>17</sup> 17	22 <sup>14</sup> 14	17 <sup>29</sup> 29	25 <sup>25</sup> 25	22 <sup>14</sup> 14	4 <sup>56</sup> 56	29 <sup>0</sup> 0	2 <sup>56</sup> 56	7 <sup>34</sup> 34	15 <sup>37</sup> 37	15 <sup>3</sup> 3	0 <sup>15</sup> 15	1 <sup>55</sup> 55	M20
T 21	10 2 36	1 <sup>48</sup> 17	3 <sup>19</sup> 25	21 <sup>15</sup> 15	18 <sup>31</sup> 31	26 <sup>12</sup> 12	22 <sup>28</sup> 28	4 <sup>51</sup> 51	28 <sup>58</sup> 58	2 <sup>56</sup> 56	7 <sup>34</sup> 34	15 <sup>26</sup> 26	15 <sup>0</sup> 0	0 <sup>10</sup> 10	1 <sup>54</sup> 54	T 21
W22	10 6 32	2 <sup>49</sup> 00	18 <sup>21</sup> 21	20 <sup>23</sup> 23	19 <sup>32</sup> 32	27 <sup>0</sup> 0	22 <sup>42</sup> 42	4 <sup>46</sup> 46	28 <sup>56</sup> 56	2 <sup>56</sup> 56	7 <sup>34</sup> 34	15 <sup>18</sup> 18	14 <sup>57</sup> 57	0 <sup>16</sup> 16	1 <sup>53</sup> 53	W22
T 23	10 10 29	3 <sup>49</sup> 41	2 <sup>57</sup> 57	19 <sup>37</sup> 37	20 <sup>33</sup> 33	27 <sup>47</sup> 47	22 <sup>57</sup> 57	4 <sup>41</sup> 41	28 <sup>54</sup> 54	2 <sup>57</sup> 57	7 <sup>34</sup> 34	15 <sup>12</sup> 12	14 <sup>54</sup> 54	0 <sup>23</sup> 23	1 <sup>52</sup> 52	T 23
F 24	10 14 25	4 <sup>50</sup> 21	17 <sup>9</sup> 9	19 <sup>0</sup> 0	21 <sup>33</sup> 33	28 <sup>34</sup> 34	23 <sup>11</sup> 11	4 <sup>37</sup> 37	28 <sup>52</sup> 52	2 <sup>57</sup> 57	7 <sup>34</sup> 34	15 <sup>9</sup> 9	14 <sup>51</sup> 51	0 <sup>30</sup> 30	1 <sup>51</sup> 51	F 24
S 25	10 18 22	5 <sup>50</sup> 59	0 <sup>15</sup> 56	18 <sup>30</sup> 30	22 <sup>33</sup> 33	29 <sup>21</sup> 21	23 <sup>25</sup> 25	4 <sup>32</sup> 32	28 <sup>50</sup> 50	2 <sup>57</sup> 57	7 <sup>34</sup> 34	15 <sup>8</sup> 8	14 <sup>47</sup> 47	0 <sup>37</sup> 37	1 <sup>50</sup> 50	S 25
S 26	10 22 19	6 <sup>51</sup> 36	14 <sup>20</sup> 20	18 <sup>8</sup> 8	23 <sup>33</sup> 33	0 <sup>18</sup> 9	23 <sup>39</sup> 39	4 <sup>27</sup> 27	28 <sup>48</sup> 48	2 <sup>58</sup> 58	7 <sup>34</sup> 34	15 <sup>8</sup> 8	14 <sup>44</sup> 44	0 <sup>43</sup> 43	1 <sup>49</sup> 49	S 26
M27	10 26 15	7 <sup>52</sup> 10	27 <sup>23</sup> 23	17 <sup>54</sup> 54	24 <sup>32</sup> 32	0 <sup>56</sup> 56	23 <sup>53</sup> 53	4 <sup>22</sup> 22	28 <sup>46</sup> 46	2 <sup>58</sup> 58	7 <sup>34</sup> 34	15 <sup>8</sup> 8	14 <sup>41</sup> 41	0 <sup>50</sup> 50	1 <sup>48</sup> 48	M27
T 28	10 30 12	8 <sup>52</sup> 43	10 <sup>28</sup> 9	17 <sup>54</sup> 54	25 <sup>31</sup> 31	1 <sup>43</sup> 43	24 <sup>44</sup> 44	4 <sup>17</sup> 17	28 <sup>44</sup> 44	2 <sup>58</sup> 58	7 <sup>34</sup> 34	15 <sup>8</sup> 8	14 <sup>41</sup> 41	0 <sup>57</sup> 57	1 <sup>48</sup> 48	T 28

Day	☉	☾	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

# ASTRODIENST EPHEMERIS for the year 2626

MARCH 2626

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	10 34 8	9 <sup>h</sup> 53'15"	22 <sup>h</sup> 24'41"	17 <sup>h</sup> 48'48"	26 <sup>h</sup> 29'29"	2 <sup>h</sup> 31'31"	24 <sup>h</sup> 21'21"	4 <sup>h</sup> 12'12"	28 <sup>h</sup> 42'42"	2 <sup>h</sup> 58'58"	7 <sup>h</sup> 34'34"	15 <sup>h</sup> 15'15"	14 <sup>h</sup> 35'35"	1 <sup>h</sup> 3'3"	1 <sup>h</sup> 46'46"	W 1
T 2	10 38 5	10 <sup>h</sup> 53'44"	5 <sup>h</sup> 2'12"	17 <sup>h</sup> 55'55"	27 <sup>h</sup> 27'27"	3 <sup>h</sup> 18'18"	24 <sup>h</sup> 35'35"	4 <sup>h</sup> 17'17"	28 <sup>h</sup> 44'44"	2 <sup>h</sup> 58'58"	7 <sup>h</sup> 35'35"	14 <sup>h</sup> 37'37"	14 <sup>h</sup> 31'31"	1 <sup>h</sup> 10'10"	1 <sup>h</sup> 46'46"	T 2
F 3	10 42 1	11 <sup>h</sup> 54'12"	17 <sup>h</sup> 15'15"	18 <sup>h</sup> 9'9"	28 <sup>h</sup> 24'24"	4 <sup>h</sup> 5'5"	24 <sup>h</sup> 49'49"	4 <sup>h</sup> 3'3"	28 <sup>h</sup> 39'39"	2 <sup>h</sup> 58'58"	7 <sup>h</sup> 35'35"	14 <sup>h</sup> 43'43"	14 <sup>h</sup> 28'28"	1 <sup>h</sup> 17'17"	1 <sup>h</sup> 45'45"	F 3
S 4	10 45 58	12 <sup>h</sup> 54'38"	29 <sup>h</sup> 20'20"	18 <sup>h</sup> 29'29"	29 <sup>h</sup> 20'20"	4 <sup>h</sup> 52'52"	25 <sup>h</sup> 3'3"	3 <sup>h</sup> 58'58"	28 <sup>h</sup> 37'37"	2 <sup>h</sup> 58'58"	7 <sup>h</sup> 35'35"	14 <sup>h</sup> 30'30"	14 <sup>h</sup> 25'25"	1 <sup>h</sup> 24'24"	1 <sup>h</sup> 45'45"	S 4
S 5	10 49 54	13 <sup>h</sup> 55'03"	11 <sup>h</sup> 21'21"	18 <sup>h</sup> 54'54"	0 <sup>h</sup> 8'16"	5 <sup>h</sup> 40'40"	25 <sup>h</sup> 17'17"	3 <sup>h</sup> 53'53"	28 <sup>h</sup> 35'35"	2 <sup>h</sup> 58'58"	7 <sup>h</sup> 35'35"	14 <sup>h</sup> 15'15"	14 <sup>h</sup> 22'22"	1 <sup>h</sup> 30'30"	1 <sup>h</sup> 45'45"	S 5
M 6	10 53 51	14 <sup>h</sup> 55'25"	23 <sup>h</sup> 17'17"	19 <sup>h</sup> 24'24"	1 <sup>h</sup> 12'12"	6 <sup>h</sup> 27'27"	25 <sup>h</sup> 31'31"	3 <sup>h</sup> 48'48"	28 <sup>h</sup> 34'34"	2 <sup>h</sup> 59'59"	7 <sup>h</sup> 36'36"	14 <sup>h</sup> 1'1'	14 <sup>h</sup> 19'19"	1 <sup>h</sup> 37'37"	1 <sup>h</sup> 44'44"	M 6
T 7	10 57 48	15 <sup>h</sup> 55'47"	5 <sup>h</sup> 10'10"	19 <sup>h</sup> 59'59"	2 <sup>h</sup> 6'6"	7 <sup>h</sup> 14'14"	25 <sup>h</sup> 45'45"	3 <sup>h</sup> 43'43"	28 <sup>h</sup> 32'32"	2 <sup>h</sup> 58'58"	7 <sup>h</sup> 36'36"	13 <sup>h</sup> 46'46"	14 <sup>h</sup> 16'16"	1 <sup>h</sup> 44'44"	1 <sup>h</sup> 44'44"	T 7
W 8	11 1 44	16 <sup>h</sup> 56'06"	17 <sup>h</sup> 1'1'	20 <sup>h</sup> 38'38"	3 <sup>h</sup> 0'0"	8 <sup>h</sup> 2'2"	25 <sup>h</sup> 59'59"	3 <sup>h</sup> 39'39"	28 <sup>h</sup> 31'31"	2 <sup>h</sup> 58'58"	7 <sup>h</sup> 36'36"	13 <sup>h</sup> 34'34"	14 <sup>h</sup> 12'12"	1 <sup>h</sup> 50'50"	1 <sup>h</sup> 44'44"	W 8
T 9	11 5 41	17 <sup>h</sup> 56'25"	28 <sup>h</sup> 53'53"	21 <sup>h</sup> 21'21"	3 <sup>h</sup> 54'54"	8 <sup>h</sup> 49'49"	26 <sup>h</sup> 13'13"	3 <sup>h</sup> 34'34"	28 <sup>h</sup> 29'29"	2 <sup>h</sup> 58'58"	7 <sup>h</sup> 37'37"	13 <sup>h</sup> 25'25"	14 <sup>h</sup> 9'9"	1 <sup>h</sup> 57'57"	1 <sup>h</sup> 44'44"	T 9
F 10	11 9 37	18 <sup>h</sup> 56'41"	10 <sup>h</sup> 47'47"	22 <sup>h</sup> 8'8"	4 <sup>h</sup> 47'47"	9 <sup>h</sup> 36'36"	26 <sup>h</sup> 26'26"	3 <sup>h</sup> 29'29"	28 <sup>h</sup> 28'28"	2 <sup>h</sup> 58'58"	7 <sup>h</sup> 37'37"	13 <sup>h</sup> 18'18"	14 <sup>h</sup> 6'6"	2 <sup>h</sup> 4'4"	1 <sup>h</sup> 44'44"	F 10
S 11	11 13 34	19 <sup>h</sup> 56'56"	22 <sup>h</sup> 48'48"	22 <sup>h</sup> 59'59"	5 <sup>h</sup> 39'39"	10 <sup>h</sup> 24'24"	26 <sup>h</sup> 40'40"	3 <sup>h</sup> 25'25"	28 <sup>h</sup> 27'27"	2 <sup>h</sup> 58'58"	7 <sup>h</sup> 37'37"	13 <sup>h</sup> 15'15"	14 <sup>h</sup> 3'3"	2 <sup>h</sup> 11'11"	1 <sup>h</sup> 44'44"	S 11
S 12	11 17 30	20 <sup>h</sup> 57'10"	5 <sup>h</sup> 0'0"	23 <sup>h</sup> 53'53"	6 <sup>h</sup> 30'30"	11 <sup>h</sup> 11'11"	26 <sup>h</sup> 54'54"	3 <sup>h</sup> 20'20"	28 <sup>h</sup> 25'25"	2 <sup>h</sup> 58'58"	7 <sup>h</sup> 38'38"	13 <sup>h</sup> 13'13"	14 <sup>h</sup> 0'0"	2 <sup>h</sup> 17'17"	1 <sup>h</sup> 44'44"	S 12
M13	11 21 27	21 <sup>h</sup> 57'23"	17 <sup>h</sup> 28'28"	24 <sup>h</sup> 50'50"	7 <sup>h</sup> 21'21"	11 <sup>h</sup> 58'58"	27 <sup>h</sup> 7'7"	3 <sup>h</sup> 16'16"	28 <sup>h</sup> 24'24"	2 <sup>h</sup> 58'58"	7 <sup>h</sup> 38'38"	13 <sup>h</sup> 13'13"	13 <sup>h</sup> 57'57"	2 <sup>h</sup> 24'24"	1 <sup>h</sup> 45'45"	M13
T 14	11 25 23	22 <sup>h</sup> 57'34"	0 <sup>h</sup> 31'6"	25 <sup>h</sup> 49'49"	8 <sup>h</sup> 10'10"	12 <sup>h</sup> 46'46"	27 <sup>h</sup> 21'21"	3 <sup>h</sup> 11'11"	28 <sup>h</sup> 23'23"	2 <sup>h</sup> 57'57"	7 <sup>h</sup> 39'39"	13 <sup>h</sup> 13'13"	13 <sup>h</sup> 53'53"	2 <sup>h</sup> 31'31"	1 <sup>h</sup> 45'45"	T 14
W15	11 29 20	23 <sup>h</sup> 57'43"	13 <sup>h</sup> 30'30"	26 <sup>h</sup> 51'51"	8 <sup>h</sup> 59'59"	13 <sup>h</sup> 33'33"	27 <sup>h</sup> 35'35"	3 <sup>h</sup> 7'7"	28 <sup>h</sup> 22'22"	2 <sup>h</sup> 57'57"	7 <sup>h</sup> 39'39"	13 <sup>h</sup> 12'12"	13 <sup>h</sup> 50'50"	2 <sup>h</sup> 37'37"	1 <sup>h</sup> 45'45"	W15
T 16	11 33 17	24 <sup>h</sup> 57'51"	27 <sup>h</sup> 12'12"	27 <sup>h</sup> 56'56"	9 <sup>h</sup> 47'47"	14 <sup>h</sup> 20'20"	27 <sup>h</sup> 48'48"	3 <sup>h</sup> 3'3"	28 <sup>h</sup> 21'21"	2 <sup>h</sup> 57'57"	7 <sup>h</sup> 40'40"	13 <sup>h</sup> 8'8"	13 <sup>h</sup> 47'47"	2 <sup>h</sup> 44'44"	1 <sup>h</sup> 46'46"	T 16
F 17	11 37 13	25 <sup>h</sup> 57'57"	11 <sup>h</sup> 25'25"	29 <sup>h</sup> 3'3"	10 <sup>h</sup> 35'35"	15 <sup>h</sup> 8'8"	28 <sup>h</sup> 2'2"	2 <sup>h</sup> 58'58"	28 <sup>h</sup> 20'20"	2 <sup>h</sup> 56'56"	7 <sup>h</sup> 40'40"	13 <sup>h</sup> 2'2"	13 <sup>h</sup> 44'44"	2 <sup>h</sup> 51'51"	1 <sup>h</sup> 47'47"	F 17
S 18	11 41 10	26 <sup>h</sup> 58'02"	26 <sup>h</sup> 6'6"	0 <sup>h</sup> 12'12"	11 <sup>h</sup> 21'21"	15 <sup>h</sup> 55'55"	28 <sup>h</sup> 15'15"	2 <sup>h</sup> 54'54"	28 <sup>h</sup> 19'19"	2 <sup>h</sup> 56'56"	7 <sup>h</sup> 41'41"	12 <sup>h</sup> 54'54"	13 <sup>h</sup> 41'41"	2 <sup>h</sup> 58'58"	1 <sup>h</sup> 47'47"	S 18
S 19	11 45 6	27 <sup>h</sup> 58'05"	11 <sup>h</sup> 11'11"	1 <sup>h</sup> 23'23"	12 <sup>h</sup> 6'6"	16 <sup>h</sup> 42'42"	28 <sup>h</sup> 28'28"	2 <sup>h</sup> 50'50"	28 <sup>h</sup> 18'18"	2 <sup>h</sup> 55'55"	7 <sup>h</sup> 41'41"	12 <sup>h</sup> 44'44"	13 <sup>h</sup> 37'37"	3 <sup>h</sup> 4'4"	1 <sup>h</sup> 48'48"	S 19
M20	11 49 3	28 <sup>h</sup> 58'06"	26 <sup>h</sup> 9'9"	2 <sup>h</sup> 37'37"	12 <sup>h</sup> 51'51"	17 <sup>h</sup> 30'30"	28 <sup>h</sup> 42'42"	2 <sup>h</sup> 46'46"	28 <sup>h</sup> 17'17"	2 <sup>h</sup> 55'55"	7 <sup>h</sup> 42'42"	12 <sup>h</sup> 33'33"	13 <sup>h</sup> 34'34"	3 <sup>h</sup> 11'11"	1 <sup>h</sup> 49'49"	M20
T 21	11 52 59	29 <sup>h</sup> 58'05"	11 <sup>h</sup> 11'11"	3 <sup>h</sup> 52'52"	13 <sup>h</sup> 34'34"	18 <sup>h</sup> 17'17"	28 <sup>h</sup> 55'55"	2 <sup>h</sup> 42'42"	28 <sup>h</sup> 16'16"	2 <sup>h</sup> 54'54"	7 <sup>h</sup> 42'42"	12 <sup>h</sup> 22'22"	13 <sup>h</sup> 31'31"	3 <sup>h</sup> 18'18"	1 <sup>h</sup> 50'50"	T 21
W22	11 56 56	0 <sup>h</sup> 11'58'03"	26 <sup>h</sup> 59'59"	5 <sup>h</sup> 8'8"	14 <sup>h</sup> 16'16"	19 <sup>h</sup> 4'4"	29 <sup>h</sup> 8'8"	2 <sup>h</sup> 38'38"	28 <sup>h</sup> 15'15"	2 <sup>h</sup> 54'54"	7 <sup>h</sup> 43'43"	12 <sup>h</sup> 14'14"	13 <sup>h</sup> 28'28"	3 <sup>h</sup> 24'24"	1 <sup>h</sup> 51'51"	W22
T 23	12 0 52	1 <sup>h</sup> 57'58"	11 <sup>h</sup> 11'11"	6 <sup>h</sup> 27'27"	14 <sup>h</sup> 57'57"	19 <sup>h</sup> 52'52"	29 <sup>h</sup> 21'21"	2 <sup>h</sup> 34'34"	28 <sup>h</sup> 14'14"	2 <sup>h</sup> 53'53"	7 <sup>h</sup> 44'44"	12 <sup>h</sup> 8'8"	13 <sup>h</sup> 25'25"	3 <sup>h</sup> 31'31"	1 <sup>h</sup> 52'52"	T 23
F 24	12 4 49	2 <sup>h</sup> 57'52"	26 <sup>h</sup> 18'18"	7 <sup>h</sup> 47'47"	15 <sup>h</sup> 37'37"	20 <sup>h</sup> 39'39"	29 <sup>h</sup> 35'35"	2 <sup>h</sup> 30'30"	28 <sup>h</sup> 13'13"	2 <sup>h</sup> 53'53"	7 <sup>h</sup> 44'44"	12 <sup>h</sup> 5'5"	13 <sup>h</sup> 22'22"	3 <sup>h</sup> 38'38"	1 <sup>h</sup> 53'53"	F 24
S 25	12 8 45	3 <sup>h</sup> 57'43"	10 <sup>h</sup> 11'11"	9 <sup>h</sup> 8'8"	16 <sup>h</sup> 16'16"	21 <sup>h</sup> 26'26"	29 <sup>h</sup> 48'48"	2 <sup>h</sup> 26'26"	28 <sup>h</sup> 13'13"	2 <sup>h</sup> 52'52"	7 <sup>h</sup> 45'45"	12 <sup>h</sup> 0'0"	13 <sup>h</sup> 18'18"	3 <sup>h</sup> 45'45"	1 <sup>h</sup> 54'54"	S 25
S 26	12 12 42	4 <sup>h</sup> 57'32"	23 <sup>h</sup> 49'49"	10 <sup>h</sup> 32'32"	16 <sup>h</sup> 54'54"	22 <sup>h</sup> 13'13"	0 <sup>h</sup> 11'11"	2 <sup>h</sup> 22'22"	28 <sup>h</sup> 12'12"	2 <sup>h</sup> 51'51"	7 <sup>h</sup> 46'46"	12 <sup>h</sup> 4'4"	13 <sup>h</sup> 15'15"	3 <sup>h</sup> 51'51"	1 <sup>h</sup> 56'56"	S 26
M27	12 16 39	5 <sup>h</sup> 57'19"	6 <sup>h</sup> 54'54"	11 <sup>h</sup> 56'56"	17 <sup>h</sup> 30'30"	23 <sup>h</sup> 1'1'	0 <sup>h</sup> 14'14"	2 <sup>h</sup> 19'19"	28 <sup>h</sup> 12'12"	2 <sup>h</sup> 51'51"	7 <sup>h</sup> 46'46"	12 <sup>h</sup> 0'0"	13 <sup>h</sup> 12'12"	3 <sup>h</sup> 58'58"	1 <sup>h</sup> 57'57"	M27
T 28	12 20 35	6 <sup>h</sup> 57'03"	19 <sup>h</sup> 39'39"	13 <sup>h</sup> 22'22"	18 <sup>h</sup> 5'5"	23 <sup>h</sup> 48'48"	0 <sup>h</sup> 26'26"	2 <sup>h</sup> 15'15"	28 <sup>h</sup> 11'11"	2 <sup>h</sup> 50'50"	7 <sup>h</sup> 47'47"	12 <sup>h</sup> 4'4"	13 <sup>h</sup> 9'9"	4 <sup>h</sup> 5'5"	1 <sup>h</sup> 59'59"	T 28
W29	12 24 32	7 <sup>h</sup> 56'45"	2 <sup>h</sup> 8'6"	14 <sup>h</sup> 50'50"	18 <sup>h</sup> 38'38"	24 <sup>h</sup> 35'35"	0 <sup>h</sup> 39'39"	2 <sup>h</sup> 12'12"	28 <sup>h</sup> 11'11"	2 <sup>h</sup> 49'49"	7 <sup>h</sup> 48'48"	12 <sup>h</sup> 1'1'	13 <sup>h</sup> 6'6"	4 <sup>h</sup> 11'11"	2 <sup>h</sup> 0'0"	W29
T 30	12 28 28	8 <sup>h</sup> 56'25"	14 <sup>h</sup> 20'20"	16 <sup>h</sup> 19'19"	19 <sup>h</sup> 10'10"	25 <sup>h</sup> 22'22"	0 <sup>h</sup> 52'52"	2 <sup>h</sup> 8'8"	28 <sup>h</sup> 10'10"	2 <sup>h</sup> 49'49"	7 <sup>h</sup> 49'49"	11 <sup>h</sup> 55'55"	13 <sup>h</sup> 2'2"	4 <sup>h</sup> 18'18"	2 <sup>h</sup> 2'2"	T 30
F 31	12 32 25	9 <sup>h</sup> 56'03"	26 <sup>h</sup> 24'24"	17 <sup>h</sup> 49'49"	19 <sup>h</sup> 41'41"	26 <sup>h</sup> 11'11"	1 <sup>h</sup> 11'11"	2 <sup>h</sup> 11'11"	28 <sup>h</sup> 10'10"	2 <sup>h</sup> 48'48"	7 <sup>h</sup> 49'49"	11 <sup>h</sup> 48'48"	12 <sup>h</sup> 59'59"	4 <sup>h</sup> 25'25"	2 <sup>h</sup> 3'3"	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	7s50	18n26	3 s 4	13s31	2n 2	12n14	2n12	11s33	1 s 5	13s56	0s36	11n26	1n36	20n54	0n34	19s 2	1n41	8n24	13s16	22s31	22s28	4s57	16n52	6s29	16n52	6s29	16n52	6s29	16n52	6s29	16n52
T 2	7 27	15 12	3 51	13 41	1 49	12 41	2 19	11 16	1 5	13 51	0 36	11 28	1 37	20 54	0 34	19 2	1 41	8 25	13 15	22 30	22 28	4 59	16 52	6 29	16 52	6 29	16 52	6 29	16 52	6 29	16 52
F 3	7 4	11 23	4 26	13 49	1 36	13 8	2 26	10 59	1 5	13 47	0 37	11 30	1 37	20 54	0 33	19 2	1 41	8 25	13 15	22 29	22 27	5 2	16 52	6 28	16 52	6 28	16 52	6 28	16 52	6 28	16 52
S 4	6 41	7 9	4 49	13 55	1 23	13 35	2 32	10 42	1 5	13 42	0 37	11 31	1 37	20 55	0 33	19 2	1 41	8 25	13 15	22 28	22 27	5 4	16 53	6 28	16 53	6 28	16 53	6 28	16 53	6 28	16 53
S 5	6 18	2 40	4 59	14 0	1 10	14 1	2 39	10 25	1 5	13 38	0 37	11 33	1 37	20 55	0 33	19 2	1 41	8 26	13 14	22 26	22 27	5 7	16 53	6 27	16 53	6 27	16 53	6 27	16 53	6 27	16 53
M 6	5 55	1s52	4 55	14 2	0 58	14 27	2 46	10 7	1 5	13 33	0 37	11 35	1 37	20 55	0 33	19 2	1 41	8 26	13 14	22 24	22 26	5 9	16 54	6 27	16 54	6 27	16 54	6 27	16 54	6 27	16 54
T 7	5 32	6 19	4 39	14 3	0 45	14 52	2 53	9 49	1 5	13 28	0 37	11 37	1 37	20 56	0 33	19 2	1 41	8 26	13 14	22 23	22 26	5 11	16 54	6 27	16 54	6 27	16 54	6 27	16 54	6 27	16 54
W 8	5 9	10 31	4 11	14 2	0 33	15 17	3 0	9 32	1 5	13 24	0 37	11 39	1 37	20 56	0 33	19 2	1 41	8 27	13 13	22 21	22 26	5 14	16 55	6 26	16 55	6 26	16 55	6 26	16 55	6 26	16 55
T 9	4 45	14 20	3 31	14 0	0 22	15 42	3 7	9 14	1 5	13 19	0 37	11 40	1 37	20 56	0 33	19 2	1 41	8 27	13 13	22 20	22 25	5 16	16 55	6 26	16 55	6 26	16 55	6 26	16 55	6 26	16 55
F 10	4 22	17 35	2 42	13 55	0 10	16 6	3 13	8 56	1 4	13 15	0 37	11 42	1 37	20 57	0 33	19 1	1 41	8 27	13 13	22 19	22 25	5 19	16 56	6 25	16 56	6 25	16 56	6 25	16 56	6 25	16 56
S 11	3 58	20 7	1 46	13 49	0s 1	16 30	3 20	8 38	1 4	13 10	0 37	11 44	1 37	20 57	0 33	19 1	1 41	8 28	13 13	22 19	22 24	5 21	16 56	6 25	16 56	6 25	16 56	6 25	16 56	6 25	16 56
S 12	3 34	21 46	0 43	13 42	0 11	16 54	3 27	8 20	1 4	13 6	0 38	11 45	1 37	20 57	0 33	19 1	1 41	8 28	13 12	22 18	22 24	5 24	16 56	6 24	16 56	6 24	16 56	6 24	16 56	6 24	16 56
M13	3 11	22 24	0n22	13 32	0 21	17 17	3 34	8 2	1 4	13 1	0 38	11 47	1 37	20 57	0 33	19 1	1 41	8 28	13 12	22 18	22 24	5 26	16 57	6 24	16 57	6 24	16 57	6 24	16 57	6 24	16 57
T 14	2 47	21 52	1 29	13 22	0 31	17 40	3 41	7 44	1 4	12 57	0 38	11 49	1 37	20 58	0 33	19 1	1 41	8 29	13 12	22 18	22 23	5 28	16 57	6 23	16 57	6 23	16 57	6 23	16 57	6 23	16 57
W15	2 23	20 8	2 33	13 9	0 41	18 3	3 48	7 26	1 4	12 52	0 38	11 50	1 37	20 58	0 33	19 1	1 42	8 29	13 11	22 18	22 23	5 31	16 58	6 23	16 58	6 23	16 58	6 23	16 58	6 23	16 58
T 16	2 0	17 12	3 30	12 56	0 50	18 25	3 55	7 7	1 4	12 48	0 38	11 52	1 37	20 58	0 33	19 1	1 42	8 29	13 11	22 18	22 23	5 33	16 58	6 23	16 58	6 23	16 58	6 23	16 58	6 23	16 58
F 17	1 36	13 10	4 17	12 41	0 58	18 47	4 2	6 49	1 4	12 43	0 38	11 53	1 37	20 58	0 33	19 1	1 42	8 30	13 11	22 17	22 22	5 36	16 59	6 22	16 59	6 22	16 59	6 22	16 59	6 22	16 59
S 18	1 12	8 15	4 49	12 24	1 7	19 8	4 9	6 31	1 4	12 39	0 38	11 55	1 37	20 58	0 33	19 1	1 42	8 30	13 10	22 16	22 22	5 38	16 59	6 22	16 59	6 22	16 59	6 22	16 59	6 22	16 59
S 19	0 48	2 43	5 1	12 6	1 14	19 29	4 16	6 12	1 3	12 34	0 38	11 56	1 37	20 58	0 33	19 0	1 42	8 31	13 10	22 15	22 21	5 40	17 0	6 21	17 0	6 21	17 0	6 21	17 0	6 21	17 0
M20	0 25	3n 4	4 53	11 47	1 22	19 49	4 23	5 54	1 3	12 30	0 39	11 58	1 37	20 59	0 33	19 0	1 42	8 31	13 10	22 13	22 21	5 43	17 0	6 21	17 0	6 21	17 0	6 21	17 0	6 21	17 0
T 21	0 1	8 41	4 23	11 26	1 29	20 9	4 30	5 35	1 3	12 25	0 39	11 59	1 37	20 59	0 33	19 0	1 42	8 31	13 10	22 12	22 21	5 45	17 0	6 20	17 0	6 20	17 0	6 20	17 0	6 20	17 0
W22	0n23	13 42	3 35	11 4	1 35	20 28	4 37	5 16	1 3	12 21	0 39	12 1	1 37	20 59	0 33	19 0	1 42	8 32	13 9	22 11	22 20	5 47	17 1	6 20	17 1	6 20	17 1	6 20	17 1	6 20	17 1
T 23	0 47	17 46	2 33	10 41	1 41	20 47	4 43	4 58	1 3	12 16	0 39	12 2	1 37	20 59	0 33	19 0	1 42	8 32	13 9	22 10	22 20	5 50	17 1	6 19	17 1	6 19	17 1	6 19	17 1	6 19	17 1
F 24	1 10	20 36	1 23	10 17	1 47	21 5	4 50	4 39	1 2	12 12	0 39	12 4	1 37	20 59	0 33	19 0	1 42	8 32	13 9	22 10	22 20	5 52	17 2	6 19	17 2	6 19	17 2	6 19	17 2	6 19	17 2
S 25	1 34	22 4	0 9	9 51	1 53	21 23	4 57	4 20	1 2	12 7	0 39	12 5	1 37	20 59	0 33	19 0	1 42	8 33	13 8	22 10	22 19	5 55	17 2	6 19	17 2	6 19	17 2	6 19	17 2	6 19	17 2
S 26	1 58	22 11	1s 2	9 24	1 57	21 40	5 4	4 2	1 2	12 3	0 39	12 6	1 37	20 59	0 33	18 59	1 42	8 33	13 8	22 10	22 19	5 57	17 3	6 18	17 3	6 18	17 3	6 18	17 3	6 18	17 3
M27	2 21	21 3	2 8	8 56	2 2	21 57	5 10	3 43	1 2	11 58	0 40	12 8	1 37	21 0	0 33	18 59	1 42	8 34	13 8	22 10	22 18	5 59	17 3	6 18	17 3	6 18	17 3	6 18	17 3	6 18	17 3
T 28	2 45	18 51	3 6	8 27	2 6	22 13	5 17	3 24	1 2	11 54	0 40	12 9	1 37	21 0	0 33	18 59	1 42	8 34	13 8	22 10	22 18	6 2	17 3	6 17	17 3	6 17	17 3	6 17	17 3	6 17	17 3
W29	3 8	15 50	3 53	7 57	2 9	22 29	5 23	3 5	1 1	11 50	0 40	12 10	1 37	21 0	0 33	18 59	1 42	8 34	13 7	22 9	22 18	6 4	17 4	6 17	17 4	6 17	17 4	6 17	17 4	6 17	17 4
T 30	3 32	12 10	4 29	7 25	2 13	22 44	5 29	2 46	1 1	11 45	0 40	12 11	1 37	21 0	0 33	18 59	1 42	8 35	13 7	22 9	22 17	6 6	17 4	6 16	17 4	6 16	17 4	6 16	17 4	6 16	17 4
F 31	3n55	8n 5	4s53	6s53	2s15	22n58	5n35	2s27	1s 1	11s41	0s40	12n12	1n37	21n 0	0n33	18s58	1n42	8n35	13s 7	22s 7	22s17	6s 9	17n 5	6s16	17n 5	6s16	17n 5	6s16	17n 5	6s16	17n 5

## ASTRODIENST EPHEMERIS for the year 2626

APRIL 2626

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 36 21	10°55'39	8°22	19°20	20°10	26°57	1°17	2°R 2	28°R10	2°R47	7°II50	11°R38	12°56	4°32	2°5	S 1
S 2	12 40 18	11°55'12	20°16	20°53	20°37	27°44	1°30	1°58	28°9	2°46	7°51	11°26	12°53	4°38	2°7	S 2
M 3	12 44 14	12°54'43	2°9	22°28	21°3	28°31	1°42	1°55	28°9	2°45	7°52	11°14	12°50	4°45	2°9	M 3
T 4	12 48 11	13°54'13	14°0	24°3	21°27	29°18	1°55	1°52	28°9	2°44	7°53	11°3	12°47	4°52	2°11	T 4
W 5	12 52 8	14°53'40	25°54	25°40	21°49	0°5	2°7	1°49	28°9	2°43	7°53	10°54	12°43	4°58	2°13	W 5
T 6	12 56 4	15°53'05	7°49	27°19	22°9	0°52	2°19	1°47	28°D 9	2°42	7°54	10°47	12°40	5°5	2°15	T 6
F 7	13 0 1	16°52'29	19°50	28°58	22°27	1°39	2°32	1°44	28°9	2°41	7°55	10°42	12°37	5°12	2°18	F 7
S 8	13 3 57	17°51'50	1°57	0°39	22°43	2°26	2°44	1°41	28°9	2°40	7°56	10°40	12°34	5°19	2°20	S 8
S 9	13 7 54	18°51'10	14°15	2°21	22°57	3°13	2°56	1°39	28°9	2°39	7°57	10°D39	12°31	5°25	2°22	S 9
M10	13 11 50	19°50'28	26°46	4°5	23°9	4°0	3°8	1°36	28°10	2°38	7°58	10°40	12°28	5°32	2°25	M10
T 11	13 15 47	20°49'45	9°35	5°50	23°19	4°47	3°20	1°34	28°10	2°37	7°59	10°41	12°24	5°39	2°27	T 11
W12	13 19 43	21°48'59	22°45	7°37	23°27	5°34	3°31	1°32	28°10	2°36	8°0	10°R42	12°21	5°45	2°30	W12
T 13	13 23 40	22°48'12	6°20	9°25	23°32	6°21	3°43	1°29	28°10	2°35	8°1	10°41	12°18	5°52	2°32	T 13
F 14	13 27 37	23°47'23	20°21	11°14	23°35	7°8	3°55	1°27	28°11	2°34	8°2	10°38	12°15	5°59	2°35	F 14
S 15	13 31 33	24°46'33	4°48	13°5	23°R36	7°55	4°6	1°25	28°11	2°33	8°3	10°33	12°12	6°5	2°38	S 15
S 16	13 35 30	25°45'40	19°37	14°57	23°34	8°42	4°18	1°24	28°12	2°31	8°4	10°27	12°8	6°12	2°41	S 16
M17	13 39 26	26°44'46	4°43	16°50	23°30	9°29	4°29	1°22	28°12	2°30	8°5	10°21	12°5	6°19	2°44	M17
T 18	13 43 23	27°43'50	19°56	18°45	23°23	10°16	4°40	1°20	28°13	2°29	8°6	10°14	12°2	6°26	2°47	T 18
W19	13 47 19	28°42'52	5°8	20°42	23°14	11°2	4°52	1°19	28°14	2°28	8°7	10°9	11°59	6°32	2°50	W19
T 20	13 51 16	29°41'52	20°1	22°39	23°3	11°49	5°3	1°17	28°14	2°26	8°8	10°5	11°56	6°39	2°53	T 20
F 21	13 55 12	0°40'50	4°36	24°39	22°49	12°36	5°14	1°16	28°15	2°25	8°9	10°D 4	11°53	6°46	2°56	F 21
S 22	13 59 9	1°39'45	18°45	26°39	22°32	13°23	5°25	1°15	28°16	2°24	8°11	10°4	11°49	6°52	2°59	S 22
S 23	14 3 6	2°38'39	2°25	28°41	22°13	14°9	5°35	1°13	28°17	2°22	8°12	10°5	11°46	6°59	3°3	S 23
M24	14 7 2	3°37'30	15°39	0°44	21°52	14°56	5°46	1°12	28°18	2°21	8°13	10°7	11°43	7°6	3°6	M24
T 25	14 10 59	4°36'19	28°29	2°48	21°29	15°42	5°57	1°12	28°19	2°20	8°14	10°8	11°40	7°13	3°9	T 25
W26	14 14 55	5°35'06	10°59	4°53	21°3	16°29	6°7	1°11	28°20	2°18	8°15	10°R 8	11°37	7°19	3°13	W26
T 27	14 18 52	6°33'51	23°12	6°59	20°36	17°15	6°17	1°10	28°21	2°17	8°16	10°7	11°34	7°26	3°16	T 27
F 28	14 22 48	7°32'33	5°15	9°6	20°6	18°2	6°28	1°9	28°22	2°15	8°17	10°4	11°30	7°33	3°20	F 28
S 29	14 26 45	8°31'13	17°10	11°13	19°35	18°48	6°38	1°9	28°23	2°14	8°19	9°59	11°27	7°39	3°24	S 29
S 30	14 30 41	9°29'51	29°2	13°20	19°8	19°35	6°48	1°9	28°25	2°12	8°20	9°54	11°24	7°46	3°27	S 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	4n19	3n43	5s 3	6s19	2s18	23n12	5n42	2s 8	1s 1	11s36	0s40	12n14	1n37	21n 0	0n33	18s58
S 2	4 42	0s45	5 0	5 44	2 19	23 25	5 47	1 50	1 1	11 32	0 40	12 15	1 37	21 0	0 33	18 58
M 3	5 5	5 11	4 44	5 8	2 21	23 38	5 53	1 31	1 0	11 28	0 41	12 16	1 37	21 0	0 33	18 58
T 4	5 28	9 26	4 15	4 31	2 22	23 50	5 59	1 12	1 0	11 24	0 41	12 17	1 37	21 0	0 33	18 58
W 5	5 51	13 19	3 36	3 54	2 22	24 1	6 4	0 53	1 0	11 19	0 41	12 18	1 37	21 0	0 33	18 57
T 6	6 14	16 42	2 47	3 15	2 22	24 11	6 9	0 34	0 59	11 15	0 41	12 19	1 37	21 0	0 33	18 57
F 7	6 37	19 23	1 49	2 35	2 22	24 21	6 14	0 15	0 59	11 11	0 41	12 20	1 37	21 0	0 33	18 57
S 8	6 59	21 15	0 47	1 54	2 21	24 29	6 19	0n 4	0 59	11 7	0 41	12 21	1 37	21 0	0 33	18 57
S 9	7 22	22 7	0n19	1 19	2 19	24 37	6 24	0 23	0 59	11 2	0 42	12 21	1 37	21 0	0 33	18 56
M10	7 44	24 53	1 26	0 29	2 18	24 45	6 28	0 42	0 58	10 58	0 42	12 22	1 36	21 0	0 33	18 56
T 11	8 6	20 32	2 29	0n14	2 15	24 51	6 32	1 1	0 58	10 54	0 42	12 23	1 36	21 0	0 33	18 56
W12	8 28	18 2	3 27	0 59	2 12	24 56	6 35	1 19	0 58	10 50	0 42	12 24	1 36	20 59	0 33	18 56
T 13	8 50	14 30	4 15	1 44	2 9	25 1	6 38	1 38	0 57	10 46	0 42	12 24	1 36	20 59	0 33	18 55
F 14	9 12	10 4	4 49	2 30	2 5	25 4	6 41	1 57	0 57	10 42	0 42	12 25	1 36	20 59	0 33	18 55
S 15	9 34	4 57	5 7	3 17	2 1	25 7	6 43	2 16	0 57	10 38	0 43	12 26	1 36	20 59	0 33	18 55
S 16	9 55	0n35	5 5	4 5	1 56	25 8	6 45	2 34	0 56	10 34	0 43	12 26	1 36	20 59	0 33	18 55
M17	10 17	6 10	4 41	4 53	1 51	25 9	6 47	2 53	0 56	10 30	0 43	12 27	1 36	20 59	0 33	18 54
T 18	10 38	11 26	3 58	5 42	1 45	25 8	6 48	3 12	0 56	10 26	0 43	12 27	1 36	20 59	0 33	18 54
W19	10 59	15 58	2 58	6 32	1 38	25 6	6 48	3 30	0 55	10 22	0 43	12 28	1 36	20 59	0 33	18 54
T 20	11 20	19 24	1 47	7 22	1 32	25 3	6 48	3 49	0 55	10 18	0 43	12 28	1 36	20 58	0 33	18 54
F 21	11 40	21 28	0 30	8 12	1 24	24 58	6 47	4 7	0 54	10 14	0 44	12 29	1 36	20 58	0 33	18 53
S 22	12 1	22 6	0s47	9 3	1 16	24 53	6 46	4 26	0 54	10 11	0 44	12 29	1 36	20 58	0 32	18 53
S 23	12 21	21 21	1 59	9 54	1 8	24 46	6 44	4 44	0 54	10 7	0 44	12 29	1 36	20 58	0 32	18 53
M24	12 41	19 26	3 2	10 45	1 0	24 38	6 41	5 3	0 53	10 3	0 44	12 30	1 35	20 58	0 32	18 52
T 25	13 1	16 35	3 53	11 37	0 50	24 28	6 38	5 21	0 53	9 59	0 44	12 30	1 35	20 57	0 32	18 52
W26	13 20	13 2	4 33	12 28	0 41	24 17	6 34	5 39	0 52	9 56	0 45	12 30	1 35	20 57	0 32	18 52
T 27	13 40	9 2	4 59	13 18	0 31	24 5	6 29	5 57	0 52	9 52	0 45	12 30	1 35	20 57	0 32	18 52
F 28	13 59	4 44	5 11	14 9	0 21	23 52	6 24	6 15	0 52	9 48	0 45	12 31	1 35	20 57	0 32	18 51
S 29	14 18	0 18	5 9	14 58	0 11	23 37	6 17	6 33	0 51	9 45	0 45	12 31	1 35	20 56	0 32	18 51
S 30	14n36	4s 8	4s55	15n47	0s 0	23n21	6n10	6n51	0s51	9s41	0s45	12n31	1n35	20n56	0n32	18s51

Julian Day Number = 2680276.5, Delta T = 21m57s

Ecliptic obliquity = 23°21'27", Nutation = 0°00'16"

Ayanamsha: Fagan/Bradley = 33°30'00", Lahiri = 32°37'00"

# ASTRODIENST EPHEMERIS for the year 2626

MAY 2626

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 34 38	10♌28'27	10♌53	15♌28	18♌R28	20♌Y21	6♌X58	1°R 8	28♌26	2°R11	8♌II21	9°R49	11♌X21	7♌♂53	3♌♂31	M 1
T 2	14 38 35	11°27'01	22°46	17°35	17♌♂52	21° 8	7° 8	1°R 8	28°27	2°R 9	8°22	9°R44	11°18	8° 0	3°35	T 2
W 3	14 42 31	12°25'33	4♌♌44	19°42	17°16	21°54	7°17	1°D 8	28°29	2° 8	8°23	9°40	11°14	8° 6	3°39	W 3
T 4	14 46 28	13°24'03	16°47	21°48	16°39	22°40	7°27	1° 8	28°30	2° 6	8°25	9°37	11°11	8°13	3°43	T 4
F 5	14 50 24	14°22'31	28°59	23°53	16° 1	23°26	7°36	1° 8	28°32	2° 5	8°26	9°35	11° 8	8°20	3°47	F 5
S 6	14 54 21	15°20'57	11♌X19	25°57	15°23	24°13	7°46	1° 9	28°33	2° 3	8°27	9°D35	11° 5	8°26	3°51	S 6
S 7	14 58 17	16°19'22	23°50	27°58	14°45	24°59	7°55	1° 9	28°35	2° 2	8°28	9°35	11° 2	8°33	3°55	S 7
M 8	15 2 14	17°17'45	6♌♂34	29°58	14° 8	25°45	8° 4	1° 9	28°37	2° 0	8°30	9°37	10°59	8°40	3°59	M 8
T 9	15 6 10	18°16'07	19°33	1♌II55	13°31	26°31	8°13	1°10	28°38	1°59	8°31	9°38	10°55	8°46	4° 3	T 9
W10	15 10 7	19°14'27	2♌X49	3°50	12°55	27°17	8°22	1°11	28°40	1°57	8°32	9°39	10°52	8°53	4° 7	W10
T 11	15 14 4	20°12'45	16°24	5°42	12°19	28° 3	8°31	1°12	28°42	1°56	8°34	9°R40	10°49	9° 0	4°11	T 11
F 12	15 18 0	21°11'02	0♌X18	7°31	11°45	28°49	8°39	1°12	28°44	1°54	8°35	9°40	10°46	9° 7	4°16	F 12
S 13	15 21 57	22° 9'18	14°32	9°16	11°13	29°35	8°48	1°13	28°45	1°52	8°36	9°39	10°43	9°13	4°20	S 13
S 14	15 25 53	23° 7'32	29° 3	10°58	10°42	0♌♂21	8°56	1°15	28°47	1°51	8°37	9°37	10°39	9°20	4°24	S 14
M15	15 29 50	24° 5'44	13♌Y47	12°37	10°13	1° 7	9° 4	1°16	28°49	1°49	8°39	9°35	10°36	9°27	4°29	M15
T 16	15 33 46	25° 3'55	28°38	14°12	9°45	1°52	9°12	1°17	28°51	1°48	8°40	9°33	10°33	9°33	4°33	T 16
W17	15 37 43	26° 2'05	13♌♂29	15°43	9°20	2°38	9°20	1°19	28°53	1°46	8°41	9°32	10°30	9°40	4°38	W17
T 18	15 41 39	27° 0'13	28°11	17°10	8°57	3°24	9°26	1°20	28°55	1°44	8°43	9°31	10°27	9°47	4°42	T 18
F 19	15 45 36	27°58'20	12♌II39	18°33	8°36	4° 9	9°36	1°22	28°58	1°43	8°44	9°D31	10°24	9°54	4°47	F 19
S 20	15 49 33	28°56'25	26°45	19°53	8°17	4°55	9°43	1°24	29° 0	1°41	8°45	9°31	10°20	10° 0	4°52	S 20
S 21	15 53 29	29°54'28	10♌♂29	21° 8	8° 1	5°41	9°51	1°25	29° 2	1°39	8°47	9°32	10°17	10° 7	4°56	S 21
M22	15 57 26	0♌II52'29	23°47	22°19	7°47	6°26	9°58	1°27	29° 4	1°38	8°48	9°33	10°14	10°14	5° 1	M22
T 23	16 1 22	1°50'29	6♌♂42	23°26	7°36	7°12	10° 5	1°29	29° 7	1°36	8°49	9°34	10°11	10°20	5° 6	T 23
W24	16 5 19	2°48'26	19°16	24°28	7°27	7°57	10°12	1°32	29° 9	1°35	8°51	9°34	10° 8	10°27	5°11	W24
T 25	16 9 15	3°46'22	1♌♌33	25°26	7°20	8°42	10°19	1°34	29°11	1°33	8°52	9°R34	10° 5	10°34	5°16	T 25
F 26	16 13 12	4°44'16	13°38	26°20	7°16	9°28	10°25	1°36	29°14	1°31	8°54	9°34	10° 1	10°40	5°20	F 26
S 27	16 17 8	5°42'09	25°33	27° 9	7°D14	10°13	10°32	1°39	29°16	1°30	8°55	9°34	9°58	10°47	5°25	S 27
S 28	16 21 5	6°39'59	7♌♂25	27°54	7°14	10°58	10°38	1°41	29°19	1°28	8°56	9°34	9°55	10°54	5°30	S 28
M29	16 25 2	7°37'48	19°17	28°34	7°17	11°43	10°44	1°44	29°21	1°26	8°58	9°33	9°52	11° 1	5°35	M29
T 30	16 28 58	8°35'36	1♌♌13	29°10	7°22	12°29	10°50	1°47	29°24	1°25	8°59	9°33	9°49	11° 7	5°40	T 30
W31	16 32 55	9♌II33'22	13♌♌16	29♌II41	7♌♂29	13♌♂14	10♌X56	1°R50	29°27	1°X23	9♌II 0	9°D33	9°X45	11♌♂14	5♌♂45	W31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	14n55	8s24	4s28	16n35	0n11	23n 4	6n 2	7n 9	0s50	9s38	0s46	12n31	1n35	20n56	0n32	18s50	1n43	8n46	13s 0	21s51	22s 4	7s21	17n15	6s 4					
T 2	15 13	12 22	3 49	17 22	0 21	22 45	5 54	7 27	0 50	9 34	0 46	12 31	1 35	20 56	0 32	18 50	1 43	8 47	13 0	21 50	22 3	7 23	17 15	6 4					
W 3	15 31	15 52	3 0	18 7	0 32	22 26	5 44	7 44	0 49	9 31	0 46	12 31	1 35	20 55	0 32	18 50	1 43	8 47	13 0	21 49	22 3	7 25	17 15	6 3					
T 4	15 48	18 45	2 2	18 51	0 43	22 5	5 34	8 2	0 49	9 28	0 46	12 30	1 35	20 55	0 32	18 49	1 43	8 47	13 0	21 49	22 3	7 28	17 15	6 3					
F 5	16 6	20 48	0 58	19 32	0 53	21 44	5 24	8 19	0 48	9 24	0 46	12 30	1 35	20 55	0 32	18 49	1 43	8 47	13 0	21 49	22 2	7 30	17 15	6 3					
S 6	16 23	21 54	0n10	20 12	1 4	21 22	5 13	8 37	0 48	9 21	0 47	12 30	1 34	20 54	0 32	18 49	1 43	8 48	12 59	21 49	22 2	7 32	17 16	6 3					
S 7	16 40	21 55	1 18	20 50	1 14	21 0	5 1	8 54	0 48	9 18	0 47	12 30	1 34	20 54	0 32	18 48	1 43	8 48	12 59	21 49	22 1	7 35	17 16	6 2					
M 8	16 56	20 49	2 23	21 26	1 23	20 37	4 48	9 11	0 47	9 14	0 47	12 30	1 34	20 54	0 32	18 48	1 43	8 48	12 59	21 49	22 1	7 37	17 16	6 2					
T 9	17 13	18 35	3 23	21 59	1 32	20 13	4 35	9 28	0 47	9 11	0 47	12 29	1 34	20 53	0 32	18 48	1 43	8 49	12 59	21 49	22 0	7 39	17 16	6 2					
W10	17 29	15 21	4 13	22 30	1 41	19 49	4 22	9 45	0 46	9 8	0 47	12 29	1 34	20 53	0 32	18 47	1 43	8 49	12 59	21 49	22 0	7 41	17 16	6 1					
T 11	17 44	11 15	4 50	22 58	1 49	19 25	4 9	10 2	0 46	9 5	0 48	12 29	1 34	20 52	0 32	18 47	1 44	8 49	12 59	21 49	21 59	7 44	17 16	6 1					
F 12	18 0	6 28	5 11	23 24	1 57	19 2	3 55	10 19	0 45	9 2	0 48	12 28	1 34	20 52	0 32	18 47	1 44	8 50	12 59	21 49	21 59	7 46	17 17	6 1					
S 13	18 15	1 14	5 14	23 48	2 3	18 38	3 40	10 35	0 45	8 59	0 48	12 28	1 34	20 52	0 32	18 46	1 44	8 50	12 59	21 49	21 59	7 48	17 17	6 1					
S 14	18 29	4n11	4 58	24 9	2 9	18 15	3 26	10 52	0 44	8 56	0 48	12 27	1 34	20 51	0 32	18 46	1 44	8 50	12 59	21 49	21 58	7 50	17 17	6 0					
M15	18 44	9 26	4 21	24 27	2 14	17 52	3 12	11 8	0 44	8 53	0 48	12 27	1 34	20 51	0 32	18 46	1 44	8 51	12 58	21 49	21 58	7 53	17 17	6 0					
T 16	18 58	14 11	3 27	24 43	2 19	17 29	2 57	11 25	0 43	8 51	0 49	12 26	1 33	20 50	0 32	18 45	1 44	8 51	12 58	21 48	21 57	7 55	17 17	6 0					
W17	19 12	18 3	2 19	24 57	2 22	17 7	2 42	11 41	0 42	8 48	0 49	12 26	1 33	20 50	0 32	18 45	1 44	8 51	12 58	21 48	21 57	7 57	17 17	6 0					
T 18	19 25	20 42	1 2	25 9	2 25	16 46	2 28	11 57	0 42	8 45	0 49	12 25	1 33	20 50	0 32	18 45	1 44	8 51	12 58	21 48	21 56	7 59	17 17	5 59					
F 19	19 38	21 57	0s17	25 18	2 27	16 26	2 14	12 13	0 41	8 42	0 49	12 24	1 33	20 49	0 32	18 45	1 44	8 52	12 58	21 48	21 56	8 2	17 17	5 59					
S 20	19 51	21 45	1 34	25 25	2 27	16 6	1 59	12 28	0 41	8 40	0 50	12 24	1 33	20 49	0 32	18 44	1 44	8 52	12 58	21 48	21 55	8 4	17 17	5 59					
S 21	20 4	20 14	2 43	25 31	2 27	15 48	1 45	12 44	0 40	8 37	0 50	12 23	1 33	20 48	0 32	18 44	1 44	8 52	12 58	21 48	21 55	8 6	17 17	5 59					
M22	20 16	17 38	3 41	25 34	2 26	15 30	1 31	13 0	0 40	8 35	0 50	12 22	1 33	20 48	0 32	18 44	1 44	8 52	12 58	21 48	21 54	8 8	17 17	5 59					
T 23	20 28	14 14	4 27	25 36	2 24	15 13	1 18	13 15	0 39	8 32	0 50	12 21	1 33	20 47	0 32	18 43	1 44	8 53	12 58	21 48	21 54	8 11	17 17	5 58					
W24	20 39	10 16	4 57	25 35	2 21	14 58	1 4	13 30	0 39	8 30	0 51	12 20	1 33	20 47	0 32	18 43	1 44	8 53	12 58	21 49	21 54	8 13	17 17	5 58					
T 25	20 50	5 59	5 14	25 34	2 17	14 43	0 51	13 45	0 38	8 28	0 51	12 19	1 33	20 46	0 32	18 43	1 44	8 53	12 58	21 49	21 53	8 15	17 17	5 58					
F 26	21 1	1 33	5 16	25 30	2 12	14 30	0 38	14 0	0 38	8 25	0 51	12 19	1 33	20 46	0 32	18 42	1 44	8 53	12 58	21 49	21 53	8 17	17 17	5 58					
S 27	21 11	2s54	5 5	25 26	2 6	14 17	0 26	14 15	0 37	8 23	0 51	12 18	1 32	20 45	0 32	18 42	1 44	8 54	12 58	21 49	21 52	8 19	17 17	5 58					
S 28	21 21	7 14	4 41	25 20	1 59	14 6	0 14	14 29	0 36	8 21	0 52	12 17	1 32	20 45	0 32	18 42	1 44	8 54	12 58	21 49	21 52	8 22	17 17	5 58					
M29	21 30	11 17	4 4	25 12	1 51	13 56	0 2	14 44	0 36	8 19	0 52	12 16	1 32	20 44	0 32	18 41	1 44	8 54	12 57	21 48	21 51	8 24	17 17	5 57					
T 30	21 40	14 56	3 17	25 4	1 42	13 47	0s 9	14 58	0 35	8 17	0 52	12 14	1 32	20 43	0 32	18 41	1 44	8 54	12 57	21 48	21 51	8 26	17 17	5 57					
W31	21n48	18s 0	2s21	24n54	1n32	13n39	0s20	15n12	0s35	8s15	0s52	12n13	1n32	20n43	0n32	18s41	1n44	8n55	12s57	21s48	21s50	8s28	17n17	5s57					

## ASTRODIENST EPHEMERIS for the year 2626

JUNE 2626

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 36 51	10°11'31.06	25°11'29	0°07' 7	7°08'39	13°08'59	11°11' 2	1°11'52	29°02'29	1°18'22	9°11' 2	9°11'33	9°11'42	11°11'21	5°05'50	T 1
F 2	16 40 48	11°28'49	7°12'53	0°28' 0	7°50' 0	14°44' 0	11° 7' 0	1°56' 0	29°32' 0	1°18'20	9° 3' 0	9°18'33	9°39'30	11°27' 0	5°55' 0	F 2
S 3	16 44 44	12°26'31	20°30' 0	0°44' 0	8° 4' 0	15°28' 0	11°12' 0	1°59' 0	29°35' 0	1°18' 0	9° 4' 0	9°33' 0	9°36' 0	11°34' 0	6° 0' 0	S 3
S 4	16 48 41	13°24'12	3°03'21	0°56' 0	8°19' 0	16°13' 0	11°18' 0	2° 2' 0	29°37' 0	1°17' 0	9° 6' 0	9°33' 0	9°33' 0	11°41' 0	6° 5' 0	S 4
M 5	16 52 37	14°21'51	16°26' 0	1° 3' 0	8°37' 0	16°58' 0	11°23' 0	2° 5' 0	29°40' 0	1°15' 0	9° 7' 0	9°33' 0	9°30' 0	11°48' 0	6°11' 0	M 5
T 6	16 56 34	15°19'30	29°46' 0	1°18' 5	8°56' 0	17°43' 0	11°27' 0	2° 9' 0	29°43' 0	1°14' 0	9° 8' 0	9°32' 0	9°26' 0	11°54' 0	6°16' 0	T 6
W 7	17 0 31	16°17'07	13°08'18	1° 3' 0	9°18' 0	18°28' 0	11°32' 0	2°12' 0	29°46' 0	1°12' 0	9°10' 0	9°31' 0	9°23' 0	12° 1' 0	6°21' 0	W 7
T 8	17 4 27	17°14'44	27° 4' 0	0°56' 0	9°41' 0	19°12' 0	11°37' 0	2°16' 0	29°49' 0	1°11' 0	9°11' 0	9°31' 0	9°20' 0	12° 8' 0	6°26' 0	T 8
F 9	17 8 24	18°12'19	11°11' 1	0°44' 0	10° 5' 0	19°57' 0	11°41' 0	2°19' 0	29°52' 0	1° 9' 0	9°12' 0	9°30' 0	9°17' 0	12°14' 0	6°31' 0	F 9
S 10	17 12 20	19° 9'54	25° 9' 0	0°29' 0	10°32' 0	20°41' 0	11°45' 0	2°23' 0	29°55' 0	1° 8' 0	9°14' 0	9°D30	9°14' 0	12°21' 0	6°37' 0	S 10
S 11	17 16 17	20° 7'28	9°12'26	0°10' 0	11° 0' 0	21°26' 0	11°49' 0	2°27' 0	29°58' 0	1° 6' 0	9°15' 0	9°31' 0	9°11' 0	12°28' 0	6°42' 0	S 11
M12	17 20 13	21° 5'01	23°49' 0	29°11'48	11°29' 0	22°10' 0	11°53' 0	2°31' 0	0°01' 1	1° 4' 0	9°16' 0	9°31' 0	9° 7' 0	12°34' 0	6°47' 0	M12
T 13	17 24 10	22° 2'33	8°18'14	29°22' 0	12° 0' 0	22°55' 0	11°56' 0	2°35' 0	0° 4' 0	1° 3' 0	9°18' 0	9°32' 0	9° 4' 0	12°41' 0	6°53' 0	T 13
W14	17 28 6	23° 0'05	22°38' 0	28°54' 0	12°32' 0	23°39' 0	12° 0' 0	2°39' 0	0° 7' 0	1° 1' 0	9°19' 0	9°33' 0	9° 1' 0	12°48' 0	6°58' 0	W14
T 15	17 32 3	23°57'36	6°11'56	28°24' 0	13° 6' 0	24°23' 0	12° 3' 0	2°43' 0	0°10' 0	1° 0' 0	9°20' 0	9°R34	8°58' 0	12°55' 0	7° 3' 0	T 15
F 16	17 36 0	24°55'06	21° 4' 0	27°52' 0	13°41' 0	25° 8' 0	12° 6' 0	2°48' 0	0°13' 0	0°59' 0	9°22' 0	9°33' 0	8°55' 0	13° 1' 0	7° 9' 0	F 16
S 17	17 39 56	25°52'35	4°05'56	27°19' 0	14°17' 0	25°52' 0	12° 9' 0	2°52' 0	0°16' 0	0°57' 0	9°23' 0	9°32' 0	8°51' 0	13° 8' 0	7°14' 0	S 17
S 18	17 43 53	26°50'03	18°31' 0	26°46' 0	14°54' 0	26°36' 0	12°12' 0	2°56' 0	0°19' 0	0°56' 0	9°24' 0	9°31' 0	8°48' 0	13°15' 0	7°19' 0	S 18
M19	17 47 49	27°47'31	18°45' 0	26°12' 0	15°32' 0	27°20' 0	12°14' 0	3° 1' 0	0°22' 0	0°54' 0	9°26' 0	9°28' 0	8°45' 0	13°21' 0	7°25' 0	M19
T 20	17 51 46	28°44'57	14°40' 0	25°39' 0	16°12' 0	28° 4' 0	12°17' 0	3° 6' 0	0°26' 0	0°53' 0	9°27' 0	9°25' 0	8°42' 0	13°28' 0	7°30' 0	T 20
W21	17 55 42	29°42'22	27°15' 0	25° 8' 0	16°52' 0	28°48' 0	12°19' 0	3°10' 0	0°29' 0	0°51' 0	9°28' 0	9°23' 0	8°39' 0	13°35' 0	7°36' 0	W21
T 22	17 59 39	0°03'39'46	9°11'33	24°38' 0	17°34' 0	29°32' 0	12°21' 0	3°15' 0	0°32' 0	0°50' 0	9°30' 0	9°21' 0	8°36' 0	13°41' 0	7°41' 0	T 22
F 23	18 3 35	1°37'09	21°39' 0	24°10' 0	18°17' 0	0°11'16	12°22' 0	3°20' 0	0°35' 0	0°49' 0	9°31' 0	9°19' 0	8°32' 0	13°48' 0	7°46' 0	F 23
S 24	18 7 32	2°34'31	3°12'35	23°45' 0	19° 0' 0	0°59' 0	12°24' 0	3°25' 0	0°39' 0	0°47' 0	9°32' 0	9°D19	8°29' 0	13°55' 0	7°52' 0	S 24
S 25	18 11 29	3°31'52	15°27' 0	23°23' 0	19°44' 0	1°43' 0	12°25' 0	3°30' 0	0°42' 0	0°46' 0	9°33' 0	9°19' 0	8°26' 0	14° 1' 0	7°57' 0	S 25
M26	18 15 25	4°29'12	27°20' 0	23° 5' 0	20°30' 0	2°27' 0	12°26' 0	3°35' 0	0°45' 0	0°45' 0	9°35' 0	9°21' 0	8°23' 0	14° 8' 0	8° 3' 0	M26
T 27	18 19 22	5°26'32	9°11'18	22°50' 0	21°16' 0	3°10' 0	12°27' 0	3°40' 0	0°49' 0	0°44' 0	9°36' 0	9°22' 0	8°20' 0	14°15' 0	8° 8' 0	T 27
W28	18 23 18	6°23'50	21°25' 0	22°40' 0	22° 3' 0	3°54' 0	12°28' 0	3°45' 0	0°52' 0	0°42' 0	9°37' 0	9°24' 0	8°17' 0	14°22' 0	8°14' 0	W28
T 29	18 27 15	7°21'08	3°12'45	22°33' 0	22°50' 0	4°37' 0	12°29' 0	3°50' 0	0°56' 0	0°41' 0	9°38' 0	9°R25	8°13' 0	14°28' 0	8°19' 0	T 29
F 30	18 31 11	8°08'18'26	16°12'22	22°D32	23°08'39	5°11'21	12°11'29	3°11'56	0°01'59	0°11'40	9°11'40	9°11'25	8°11'10	14°11'35	8°08'25	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	21n57	20s19	1s17	24n43	1n22	13n32	0s31	15n26	0s34	8s13	0s53	12n12	1n32	20n42	0n32	18s40
F 2	22 5	21 42	0 9	24 31	1 10	13 26	0 41	15 40	0 33	8 11	0 53	12 11	1 32	20 42	0 32	18 40
S 3	22 13	22 1	1n 0	24 18	0 57	13 21	0 51	15 54	0 33	8 9	0 53	12 10	1 32	20 41	0 32	18 40
S 4	22 20	21 11	2 8	24 5	0 44	13 17	1 0	16 7	0 32	8 8	0 53	12 9	1 32	20 41	0 32	18 39
M 5	22 27	19 12	3 11	23 50	0 29	13 14	1 9	16 21	0 32	8 6	0 54	12 7	1 32	20 40	0 32	18 39
T 6	22 33	16 9	4 4	23 35	0 14	13 12	1 18	16 34	0 31	8 4	0 54	12 6	1 32	20 39	0 32	18 39
W 7	22 39	12 13	4 44	23 20	0s 2	13 10	1 27	16 47	0 30	8 3	0 54	12 5	1 31	20 39	0 32	18 39
T 8	22 45	7 36	5 9	23 3	0 18	13 10	1 35	16 59	0 30	8 1	0 54	12 3	1 31	20 38	0 32	18 38
F 9	22 50	2 31	5 17	22 47	0 35	13 10	1 42	17 12	0 29	8 0	0 55	12 2	1 31	20 38	0 32	18 38
S 10	22 55	2n45	5 5	22 30	0 52	13 11	1 50	17 24	0 28	7 59	0 55	12 1	1 31	20 37	0 32	18 38
S 11	22 59	7 56	4 35	22 12	1 9	13 13	1 57	17 37	0 28	7 57	0 55	11 59	1 31	20 36	0 32	18 37
M12	23 3	12 44	3 47	21 55	1 27	13 16	2 3	17 49	0 27	7 56	0 55	11 58	1 31	20 36	0 32	18 37
T 13	23 7	16 48	2 45	21 37	1 44	13 19	2 10	18 1	0 26	7 55	0 56	11 56	1 31	20 35	0 32	18 37
W14	23 10	19 51	1 32	21 20	2 1	13 23	2 16	18 12	0 26	7 54	0 56	11 54	1 31	20 34	0 32	18 37
T 15	23 13	21 38	0 14	21 2	2 18	13 28	2 22	18 24	0 25	7 53	0 56	11 53	1 31	20 34	0 32	18 36
F 16	23 16	22 0	1s 3	20 46	2 35	13 33	2 27	18 35	0 24	7 52	0 56	11 51	1 31	20 33	0 32	18 36
S 17	23 18	21 0	2 16	20 29	2 51	13 39	2 32	18 46	0 24	7 51	0 57	11 50	1 31	20 32	0 32	18 36
S 18	23 19	18 48	3 19	20 14	3 6	13 45	2 37	18 57	0 23	7 50	0 57	11 48	1 31	20 32	0 32	18 35
M19	23 20	15 39	4 10	19 59	3 20	13 51	2 42	19 8	0 22	7 50	0 57	11 46	1 31	20 31	0 32	18 35
T 20	23 21	11 49	4 46	19 45	3 33	13 58	2 46	19 18	0 22	7 49	0 58	11 45	1 30	20 30	0 32	18 35
W21	23 21	7 33	5 8	19 32	3 44	14 6	2 50	19 29	0 21	7 49	0 58	11 43	1 30	20 29	0 32	18 35
T 22	23 21	3 5	5 15	19 20	3 55	14 14	2 54	19 39	0 20	7 48	0 58	11 41	1 30	20 29	0 32	18 34
F 23	23 21	1s25	5 8	19 10	4 4	14 22	2 57	19 49	0 20	7 48	0 58	11 39	1 30	20 28	0 32	18 34
S 24	23 20	5 49	4 47	19 1	4 12	14 31	3 1	19 59	0 19	7 47	0 59	11 37	1 30	20 27	0 31	18 34
S 25	23 19	9 59	4 15	18 53	4 19	14 40	3 4	20 8	0 18	7 47	0 59	11 35	1 30	20 27	0 31	18 34
M26	23 17	13 46	3 31	18 47	4 24	14 49	3 7	20 17	0 18	7 47	0 59	11 34	1 30	20 26	0 31	18 33
T 27	23 15	17 2	2 38	18 43	4 27	14 58	3 9	20 26	0 17	7 47	0 59	11 32	1 30	20 25	0 31	18 33
W28	23 12	19 37	1 37	18 40	4 30	15 8	3 11	20 35	0 16	7 47	1 0	11 30	1 30	20 24	0 31	18 33
T 29	23 9	21 20	0 31	18 39	4 31	15 18	3 14	20 44	0 16	7 47	1 0	11 28	1 30	20 24	0 31	18 33
F 30	23n 6	22s 2	0n38	18n39	4s30	15n28	3s16	20n53	0s15	7s47	1s 0	11n26	1n30	20n23	0n31	18s33

Julian Day Number = 2680337.5, Delta T = 21m57s

Ecliptic obliquity = 23°21'25", Nutation = 0°00'15"

Ayanamsha: Fagan/Bradley = 33°30'08", Lahiri = 32°37'08"

## ASTRODIENST EPHEMERIS for the year 2626

JULY 2626

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 35 8	9°15'42	29°16	22°13	24°28	6°11	12°29	4°11	1°12	0°39	9°41	9°23	8°7	14°42	8°30	S 1
S 2	18 39 4	10°12'58	12°28	22°42	25°18	6°47	12°R30	4°7	1°6	0°37	9°42	9°21	8°4	14°48	8°36	S 2
M 3	18 43 1	11°10'14	25°58	22°54	26°8	7°30	12°29	4°12	1°9	0°36	9°43	9°17	8°1	14°55	8°41	M 3
T 4	18 46 58	12°7'29	9°43	23°10	27°0	8°14	12°29	4°18	1°13	0°35	9°44	9°12	7°57	15°2	8°47	T 4
W 5	18 50 54	13°4'44	23°41	23°32	27°51	8°57	12°28	4°23	1°16	0°34	9°45	9°7	7°54	15°8	8°52	W 5
T 6	18 54 51	14°1'59	7°47	23°58	28°44	9°40	12°28	4°29	1°20	0°33	9°47	9°2	7°51	15°15	8°58	T 6
F 7	18 58 47	14°59'14	21°58	24°29	29°37	10°23	12°27	4°35	1°23	0°32	9°48	8°59	7°48	15°22	9°3	F 7
S 8	19 2 44	15°56'29	6°11	25°4	0°11	11°6	12°26	4°41	1°27	0°31	9°49	8°57	7°45	15°29	9°9	S 8
S 9	19 6 40	16°53'44	20°24	25°44	1°24	11°48	12°24	4°47	1°31	0°30	9°50	8°D57	7°42	15°35	9°14	S 9
M10	19 10 37	17°50'58	4°33	26°29	2°19	12°31	12°23	4°53	1°34	0°29	9°51	8°58	7°38	15°42	9°19	M10
T 11	19 14 33	18°48'14	18°38	27°17	3°14	13°14	12°21	4°59	1°38	0°28	9°52	8°59	7°35	15°49	9°25	T 11
W12	19 18 30	19°45'29	2°11	28°11	4°10	13°57	12°19	5°5	1°41	0°27	9°53	9°R 0	7°32	15°55	9°30	W12
T 13	19 22 27	20°42'44	16°29	29°8	5°6	14°39	12°17	5°11	1°45	0°26	9°54	9°0	7°29	16°2	9°36	T 13
F 14	19 26 23	21°40'00	0°11	0°10	6°2	15°22	12°15	5°17	1°48	0°25	9°55	8°58	7°26	16°9	9°41	F 14
S 15	19 30 20	22°37'15	13°41	1°16	6°59	16°4	12°12	5°24	1°52	0°24	9°57	8°54	7°23	16°15	9°47	S 15
S 16	19 34 16	23°34'31	26°58	2°27	7°57	16°47	12°10	5°30	1°56	0°24	9°58	8°48	7°19	16°22	9°52	S 16
M17	19 38 13	24°31'46	10°0	3°41	8°55	17°29	12°7	5°36	1°59	0°23	9°59	8°41	7°16	16°29	9°57	M17
T 18	19 42 9	25°29'01	22°46	4°59	9°53	18°11	12°4	5°43	2°3	0°22	10°0	8°33	7°13	16°35	10°3	T 18
W19	19 46 6	26°26'16	5°11	6°22	10°51	18°54	12°1	5°49	2°7	0°21	10°1	8°25	7°10	16°42	10°8	W19
T 20	19 50 3	27°23'32	17°32	7°48	11°50	19°36	11°57	5°56	2°10	0°21	10°2	8°18	7°7	16°49	10°13	T 20
F 21	19 53 59	28°20'47	29°36	9°18	12°50	20°18	11°54	6°2	2°14	0°20	10°3	8°12	7°3	16°56	10°19	F 21
S 22	19 57 56	29°18'02	11°31	10°52	13°49	21°0	11°50	6°9	2°18	0°19	10°3	8°8	7°0	17°2	10°24	S 22
S 23	20 1 52	0°15'16	23°22	12°30	14°49	21°42	11°46	6°15	2°21	0°19	10°4	8°6	6°57	17°9	10°29	S 23
M24	20 5 49	1°12'31	5°11	14°11	15°49	22°24	11°42	6°22	2°25	0°18	10°5	8°D 6	6°54	17°16	10°35	M24
T 25	20 9 45	2°9'46	17°11	15°56	16°50	23°5	11°38	6°29	2°29	0°17	10°6	8°7	6°51	17°22	10°40	T 25
W26	20 13 42	3°7'01	29°19	17°44	17°51	23°47	11°33	6°36	2°32	0°17	10°7	8°8	6°48	17°29	10°45	W26
T 27	20 17 38	4°4'16	11°43	19°35	18°52	24°29	11°29	6°43	2°36	0°16	10°8	8°R 8	6°44	17°36	10°50	T 27
F 28	20 21 35	5°1'32	24°27	21°29	19°54	25°10	11°24	6°49	2°40	0°16	10°9	8°7	6°41	17°42	10°55	F 28
S 29	20 25 32	5°58'47	7°33	23°25	20°56	25°52	11°19	6°56	2°43	0°15	10°10	8°3	6°38	17°49	11°1	S 29
S 30	20 29 28	6°56'03	21°2	25°24	21°58	26°33	11°14	7°3	2°47	0°15	10°11	7°58	6°35	17°56	11°6	S 30
M31	20 33 25	7°53'19	4°34	27°26	23°11	27°15	11°11	7°10	2°50	0°15	10°11	7°50	6°32	18°2	11°11	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	23n 2	21s35	1n47	18n40	4s29	15n38	3s17	21n 1	0s14	7s47	1s 1	11n24	1n30	20n22	0n31	18s32
S 2	22 58	19 56	2 51	18 43	4 26	15 48	3 19	21 9	0 13	7 47	1 1	11 22	1 30	20 21	0 31	18 32
M 3	22 53	17 10	3 47	18 48	4 22	15 59	3 20	21 17	0 13	7 48	1 1	11 20	1 30	20 21	0 31	18 32
T 4	22 48	13 23	4 31	18 54	4 18	16 9	3 21	21 24	0 12	7 48	1 1	11 18	1 30	20 20	0 31	18 32
W 5	22 43	8 51	5 0	19 0	4 12	16 20	3 22	21 32	0 11	7 48	1 2	11 15	1 30	20 19	0 31	18 32
T 6	22 37	3 48	5 11	19 8	4 5	16 30	3 23	21 39	0 11	7 49	1 2	11 13	1 29	20 18	0 31	18 31
F 7	22 31	1n29	5 3	19 17	3 58	16 41	3 24	21 46	0 10	7 50	1 2	11 11	1 29	20 18	0 31	18 31
S 8	22 25	6 41	4 37	19 27	3 49	16 52	3 24	21 53	0 9	7 50	1 3	11 9	1 29	20 17	0 31	18 31
S 9	22 18	11 33	3 54	19 37	3 40	17 2	3 24	21 59	0 8	7 51	1 3	11 7	1 29	20 16	0 31	18 31
M10	22 10	15 46	2 56	19 48	3 30	17 13	3 24	22 6	0 8	7 52	1 3	11 5	1 29	20 15	0 31	18 31
T 11	22 3	19 3	1 48	20 0	3 20	17 23	3 24	22 12	0 7	7 53	1 3	11 2	1 29	20 14	0 31	18 31
W12	21 54	21 11	0 35	20 11	3 9	17 34	3 24	22 18	0 6	7 54	1 4	11 0	1 29	20 14	0 31	18 30
T 13	21 46	22 0	0s40	20 23	2 58	17 44	3 24	22 23	0 5	7 55	1 4	10 58	1 29	20 13	0 31	18 30
F 14	21 37	21 29	1 52	20 35	2 46	17 54	3 23	22 29	0 5	7 56	1 4	10 55	1 29	20 12	0 31	18 30
S 15	21 28	19 44	2 56	20 47	2 34	18 4	3 23	22 34	0 4	7 57	1 4	10 53	1 29	20 11	0 31	18 30
S 16	21 18	16 56	3 50	20 59	2 22	18 14	3 22	22 39	0 3	7 58	1 5	10 51	1 29	20 10	0 31	18 30
M17	21 8	13 20	4 30	21 10	2 9	18 24	3 21	22 44	0 2	8 0	1 5	10 48	1 29	20 10	0 31	18 30
T 18	20 58	9 13	4 56	21 20	1 56	18 34	3 20	22 48	0 2	8 1	1 5	10 46	1 29	20 9	0 31	18 30
W19	20 48	4 47	5 7	21 30	1 43	18 43	3 19	22 53	0 1	8 3	1 6	10 44	1 29	20 8	0 31	18 30
T 20	20 37	0 15	5 3	21 38	1 30	18 52	3 17	22 57	0 0	8 4	1 6	10 41	1 29	20 7	0 31	18 29
F 21	20 25	4s13	4 46	21 46	1 16	19 1	3 16	23 1	0n 1	8 6	1 6	10 39	1 29	20 6	0 31	18 29
S 22	20 14	8 29	4 17	21 52	1 3	19 10	3 14	23 4	0 1	8 7	1 6	10 36	1 29	20 6	0 31	18 29
S 23	20 2	12 24	3 37	21 56	0 50	19 18	3 13	23 8	0 2	8 9	1 7	10 34	1 29	20 5	0 31	18 29
M24	19 49	15 51	2 47	21 59	0 37	19 26	3 11	23 11	0 3	8 11	1 7	10 31	1 29	20 4	0 31	18 29
T 25	19 37	18 40	1 50	22 0	0 24	19 34	3 9	23 14	0 4	8 13	1 7	10 29	1 29	20 3	0 32	18 29
W26	19 24	20 42	0 47	21 59	0 12	19 42	3 7	23 17	0 4	8 15	1 7	10 26	1 29	20 2	0 32	18 29
T 27	19 10	21 48	0n19	21 56	0n 0	19 49	3 5	23 20	0 5	8 17	1 8	10 24	1 29	20 1	0 32	18 29
F 28	18 57	21 48	1 26	21 51	0 12	19 56	3 3	23 22	0 6	8 19	1 8	10 21	1 29	20 0	0 32	18 29
S 29	18 43	20 38	2 31	21 43	0 23	20 3	3 1	23 24	0 7	8 21	1 8	10 19	1 29	20 0	0 32	18 29
S 30	18 29	18 17	3 28	21 32	0 34	20 9	2 58	23 26	0 8	8 23	1 8	10 16	1 29	19 59	0 32	18 29
M31	18n14	14s50	4n16	21n19	0n44	20n15	2s56	23n28	0n 8	8s25	1s 9	10n13	1n29	19n58	0n32	18s29

Julian Day Number = 2680367.5, Delta T = 21m58s

Ecliptic obliquity = 23°21'24", Nutation = 0°00'17"

Ayanamsha: Fagan/Bradley = 33°30'12", Lahiri = 32°37'12"

## ASTRODIENST EPHEMERIS for the year 2626

AUGUST 2626

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 37 21	8♂50°35	19♂6	29♂28	24♂3	27♂56	11°R 3	7♂17	2♂54	0°R14	10♂12	7°R41	6♂29	18♂9	11♂16	T 1
W 2	20 41 18	9°47'52	3♂30	1♂33	25° 5	28°37	10♂58	7°24	2°58	0♂14	10°13	7♂31	6°25	18°16	11°21	W 2
T 3	20 45 14	10°45'10	18° 3	3°38	26° 9	29°19	10°52	7°31	3° 1	0°14	10°14	7°23	6°22	18°23	11°26	T 3
F 4	20 49 11	11°42'28	2♂36	5°45	27°12	29°59	10°46	7°38	3° 5	0°13	10°14	7°16	6°19	18°29	11°31	F 4
S 5	20 53 7	12°39'47	17° 4	7°51	28°16	0♂41	10°40	7°46	3° 9	0°13	10°15	7°11	6°16	18°36	11°36	S 5
S 6	20 57 4	13°37'07	1♂23	9°59	29°20	1°22	10°34	7°53	3°12	0°13	10°16	7° 9	6°13	18°43	11°41	S 6
M 7	21 1 1	14°34'28	15°30	12° 6	0♂24	2° 3	10°28	8° 0	3°16	0°13	10°17	7°D 8	6° 9	18°49	11°46	M 7
T 8	21 4 57	15°31'50	29°24	14°12	1°28	2°44	10°22	8° 7	3°19	0°13	10°17	7° 8	6° 6	18°56	11°51	T 8
W 9	21 8 54	16°29'14	13♂7	16°18	2°32	3°24	10°15	8°15	3°23	0°12	10°18	7°R 8	6° 3	19° 3	11°56	W 9
T 10	21 12 50	17°26'38	26°37	18°24	3°37	4° 5	10° 8	8°22	3°27	0°12	10°18	7° 7	6° 0	19° 9	12° 0	T 10
F 11	21 16 47	18°24'03	9♂56	20°28	4°42	4°46	10° 2	8°29	3°30	0°12	10°19	7° 3	5°57	19°16	12° 5	F 11
S 12	21 20 43	19°21'29	23° 3	22°32	5°47	5°26	9°55	8°37	3°34	0°D12	10°20	6°57	5°54	19°23	12°10	S 12
S 13	21 24 40	20°18'56	5♂29	24°34	6°53	6° 7	9°48	8°44	3°37	0°12	10°20	6°47	5°50	19°29	12°15	S 13
M14	21 28 36	21°16'24	18°44	26°35	7°58	6°47	9°41	8°51	3°41	0°12	10°21	6°36	5°47	19°36	12°19	M14
T 15	21 32 33	22°13'53	1♂16	28°34	9° 4	7°28	9°34	8°59	3°44	0°12	10°21	6°23	5°44	19°43	12°24	T 15
W16	21 36 30	23°11'23	13°36	0♂32	10°10	8° 8	9°27	9° 6	3°48	0°13	10°22	6°11	5°41	19°49	12°29	W16
T 17	21 40 26	24° 8'54	25°46	2°29	11°16	8°48	9°19	9°14	3°51	0°13	10°22	5°59	5°38	19°56	12°33	T 17
F 18	21 44 23	25° 6'25	7♂45	4°24	12°22	9°28	9°12	9°21	3°55	0°13	10°23	5°49	5°35	20° 3	12°38	F 18
S 19	21 48 19	26° 3'57	19°37	6°18	13°29	10° 9	9° 5	9°29	3°58	0°13	10°23	5°42	5°31	20°10	12°42	S 19
S 20	21 52 16	27° 1'30	1♂26	8°10	14°35	10°49	8°57	9°36	4° 2	0°13	10°24	5°37	5°28	20°16	12°47	S 20
M21	21 56 12	27°59'04	13°16	10° 0	15°42	11°28	8°50	9°44	4° 5	0°14	10°24	5°35	5°25	20°23	12°51	M21
T 22	22 0 9	28°56'39	25°11	11°49	16°49	12° 8	8°42	9°51	4° 9	0°14	10°25	5°34	5°22	20°30	12°55	T 22
W23	22 4 5	29°54'15	7♂18	13°37	17°56	12°48	8°34	9°59	4°12	0°14	10°25	5°34	5°19	20°36	13° 0	W23
T 24	22 8 2	0♂51'51	19°41	15°23	19° 3	13°28	8°27	10° 6	4°15	0°15	10°25	5°33	5°15	20°43	13° 4	T 24
F 25	22 11 58	1°49'29	2♂25	17° 7	20°11	14° 7	8°19	10°14	4°19	0°15	10°26	5°31	5°12	20°50	13° 8	F 25
S 26	22 15 55	2°47'07	15°35	18°50	21°18	14°47	8°11	10°22	4°22	0°15	10°26	5°27	5° 9	20°56	13°12	S 26
S 27	22 19 52	3°44'46	29°12	20°32	22°26	15°26	8° 3	10°29	4°25	0°16	10°26	5°21	5° 6	21° 3	13°16	S 27
M28	22 23 48	4°42'27	13♂17	22°12	23°34	16° 6	7°55	10°37	4°29	0°16	10°27	5°11	5° 3	21°10	13°20	M28
T 29	22 27 45	5°40'08	27°46	23°51	24°42	16°45	7°47	10°44	4°32	0°17	10°27	5° 1	5° 0	21°16	13°24	T 29
W30	22 31 41	6°37'51	12♂33	25°28	25°50	17°24	7°40	10°52	4°35	0°18	10°27	4°49	4°56	21°23	13°28	W30
T 31	22 35 38	7♂35'35	27♂29	27♂4	26♂58	18♂4	7♂32	11♂0	4♂38	0♂18	10♂27	4♂39	4♂53	21♂30	13♂32	T 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	17n59	10s29	4n48	21n 3	0n53	20n20	2s53	23n30	0n 9	8s27	1s 9	10n11	1n29	19n57	0n32	18s29	1n41	8n59	13s 3	21s31	21s19	10s39	16n54	6s 0			
W 2	17 44	5 28	5 3	20 45	1 2	20 26	2 51	23 31	0 10	8 30	1 9	10 8	1 29	19 56	0 32	18 29	1 41	8 58	13 3	21 29	21 18	10 41	16 53	6 0			
T 3	17 19	0 8	4 58	20 24	1 10	20 30	2 48	23 32	0 11	8 32	1 9	10 6	1 29	19 56	0 32	18 29	1 41	8 58	13 4	21 28	21 18	10 43	16 53	6 1			
F 4	17 13	5n14	4 35	20 1	1 17	20 35	2 45	23 33	0 11	8 34	1 9	10 3	1 29	19 55	0 32	18 29	1 41	8 58	13 4	21 27	21 17	10 45	16 52	6 1			
S 5	16 57	10 17	3 54	19 35	1 23	20 39	2 42	23 34	0 12	8 37	1 10	10 0	1 29	19 54	0 32	18 29	1 41	8 58	13 4	21 26	21 17	10 47	16 51	6 1			
S 6	16 41	14 42	2 58	19 7	1 29	20 42	2 39	23 34	0 13	8 39	1 10	9 58	1 29	19 53	0 32	18 29	1 41	8 58	13 4	21 26	21 16	10 49	16 50	6 2			
M 7	16 24	18 13	1 53	18 37	1 34	20 45	2 36	23 34	0 14	8 42	1 10	9 55	1 29	19 52	0 32	18 29	1 41	8 58	13 4	21 26	21 16	10 51	16 50	6 2			
T 8	16 7	20 37	0 41	18 4	1 38	20 48	2 33	23 34	0 15	8 45	1 10	9 52	1 29	19 52	0 32	18 29	1 41	8 58	13 5	21 26	21 15	10 53	16 49	6 2			
W 9	15 50	21 46	0s32	17 30	1 41	20 50	2 30	23 34	0 15	8 47	1 11	9 49	1 29	19 51	0 32	18 29	1 41	8 58	13 5	21 26	21 15	10 55	16 48	6 2			
T 10	15 33	21 37	1 42	16 54	1 43	20 52	2 27	23 34	0 16	8 50	1 11	9 47	1 29	19 50	0 32	18 29	1 41	8 58	13 5	21 25	21 14	10 57	16 48	6 3			
F 11	15 16	20 15	2 45	16 16	1 45	20 53	2 24	23 33	0 17	8 53	1 11	9 44	1 29	19 49	0 32	18 29	1 41	8 57	13 5	21 25	21 13	10 59	16 47	6 3			
S 12	14 58	17 49	3 38	15 37	1 46	20 53	2 20	23 33	0 18	8 55	1 11	9 41	1 29	19 48	0 32	18 29	1 41	8 57	13 6	21 24	21 13	11 1	16 46	6 3			
S 13	14 40	14 31	4 19	14 57	1 46	20 54	2 17	23 32	0 19	8 58	1 11	9 39	1 29	19 47	0 32	18 29	1 41	8 57	13 6	21 22	21 12	11 3	16 45	6 4			
M14	14 22	10 37	4 47	14 16	1 45	20 54	2 14	23 30	0 19	9 1	1 11	9 36	1 29	19 47	0 32	18 29	1 40	8 57	13 6	21 20	21 12	11 5	16 45	6 4			
T 15	14 3	6 19	5 0	13 34	1 44	20 53	2 10	23 29	0 20	9 4	1 12	9 33	1 29	19 46	0 32	18 29	1 40	8 57	13 6	21 18	21 11	11 7	16 44	6 4			
W16	13 44	1 50	4 58	12 50	1 42	20 52	2 7	23 27	0 21	9 7	1 12	9 30	1 29	19 45	0 32	18 29	1 40	8 57	13 6	21 16	21 11	11 9	16 43	6 5			
T 17	13 26	2s40	4 43	12 7	1 40	20 50	2 3	23 26	0 22	9 10	1 12	9 27	1 29	19 44	0 32	18 29	1 40	8 57	13 7	21 14	21 10	11 11	16 42	6 5			
F 18	13 6	6 59	4 16	11 22	1 37	20 48	2 0	23 24	0 23	9 12	1 12	9 25	1 29	19 43	0 32	18 29	1 40	8 56	13 7	21 12	21 10	11 13	16 42	6 5			
S 19	12 47	11 1	3 38	10 37	1 34	20 45	1 56	23 22	0 23	9 15	1 12	9 22	1 29	19 43	0 32	18 30	1 40	8 56	13 7	21 11	21 9	11 15	16 41	6 6			
S 20	12 28	14 36	2 50	9 52	1 30	20 42	1 53	23 19	0 24	9 18	1 12	9 19	1 29	19 42	0 32	18 30	1 40	8 56	13 7	21 10	21 8	11 17	16 40	6 6			
M21	12 8	17 36	1 55	9 7	1 25	20 38	1 49	23 17	0 25	9 21	1 13	9 16	1 29	19 41	0 32	18 30	1 40	8 56	13 8	21 10	21 8	11 19	16 39	6 7			
T 22	11 48	19 53	0 55	8 21	1 21	20 34	1 45	23 14	0 26	9 24	1 13	9 13	1 29	19 40	0 32	18 30	1 40	8 56	13 8	21 10	21 7	11 21	16 39	6 7			
W23	11 28	21 18	0n 9	7 35	1 16	20 29	1 42	23 11	0 27	9 27	1 13	9 11	1 29	19 39	0 32	18 30	1 40	8 55	13 8	21 10	21 7	11 23	16 38	6 7			
T 24	11 8	21 44	1 14	6 49	1 10	20 24	1 38	23 8	0 28	9 30	1 13	9 8	1 29	19 39	0 32	18 30	1 40	8 55	13 8	21 9	21 6	11 25	16 37	6 8			
F 25	10 47	21 3	2 17	6 3	1 4	20 18	1 34	23 5	0 28	9 33	1 13	9 5	1 29	19 38	0 32	18 30	1 40	8 55	13 9	21 9	21 6	11 27	16 36	6 8			
S 26	10 27	19 14	3 15	5 17	0 58	20 11	1 30	23 2	0 29	9 36	1 13	9 2	1 29	19 37	0 32	18 30	1 40	8 55	13 9	21 8	21 5	11 28	16 35	6 8			
S 27	10 6	16 16	4 3	4 32	0 51	20 4	1 27	22 58	0 30	9 39	1 13	8 59	1 29	19 36	0 32	18 31	1 40	8 55	13 9	21 7	21 5	11 30	16 35	6 9			
M28	9 45	12 19	4 39	3 46	0 45	19 57	1 23	22 54	0 31	9 42	1 14	8 56	1 29	19 36	0 32	18 31	1 40	8 55	13 9	21 6	21 4	11 32	16 34	6 9			
T 29	9 24	7 32	4 58	3 1	0 37	19 49	1 19	22 50	0 32	9 45	1 14	8 54	1 29	19 35	0 32	18 31	1 40	8 54	13 10	21 4	21 3	11 34	16 33	6 10			
W30	9 3	2 14	4 58	2 16	0 30	19 40	1 15	22 46	0 33	9 48	1 14	8 51	1 29	19 34	0 32	18 31	1 40	8 54	13 10	21 2	21 3	11 36	16 32	6 10			
T 31	8n42	3n15	4n37	1n31	0n23	19n31	1s11	22n42	0n33	9s51	1s14	8n48	1n30	19n33	0n32	18s31	1n40	8n54	13s10	21s 0	21s 2	11s38	16n31	6s10			

# ASTRODIENST EPHEMERIS for the year 2626

SEPTEMBER 2626

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 39 34	8♍33'21	12♊26	28♍38	28♍7	18♍43	7°R24	11♍7	4♍42	0♍19	10♍27	4°R30	4♍50	21♍36	13♍36	F 1
S 2	22 43 31	9°31'08	27°15	0♍11	29°15	19°22	7♍16	11°15	4°45	0°19	10°28	4♍24	4°47	21°43	13°40	S 2
S 3	22 47 27	10°28'56	11♋49	1°42	0♍24	20°1	7°8	11°23	4°48	0°20	10°28	4°21	4°44	21°50	13°44	S 3
M 4	22 51 24	11°26'47	26°4	3°12	1°33	20°39	7°0	11°30	4°51	0°21	10°28	4°20	4°40	21°56	13°47	M 4
T 5	22 55 21	12°24'39	10♌0	4°41	2°42	21°18	6°52	11°38	4°54	0°22	10°28	4°19	4°37	22°3	13°51	T 5
W 6	22 59 17	13°22'33	23°36	6°8	3°51	21°57	6°45	11°46	4°57	0°22	10°28	4°19	4°34	22°10	13°55	W 6
T 7	23 3 14	14°20'29	6♍55	7°34	5°0	22°36	6°37	11°53	5°0	0°23	10°28	4°18	4°31	22°16	13°58	T 7
F 8	23 7 10	15°18'27	19°58	8°58	6°9	23°14	6°29	12°1	5°3	0°24	10°28	4°14	4°28	22°23	14°2	F 8
S 9	23 11 7	16°16'26	2♍48	10°21	7°19	23°53	6°21	12°8	5°6	0°25	10°28	4°7	4°25	22°30	14°5	S 9
S 10	23 15 3	17°14'27	15°26	11°42	8°28	24°31	6°14	12°16	5°9	0°26	10°R28	3°58	4°21	22°37	14°8	S 10
M11	23 19 0	18°12'30	27°54	13°2	9°38	25°9	6°6	12°24	5°12	0°27	10°28	3°46	4°18	22°43	14°12	M11
T 12	23 22 56	19°10'34	10♍11	14°20	10°48	25°47	5°59	12°31	5°15	0°28	10°28	3°33	4°15	22°50	14°15	T 12
W13	23 26 53	20°8'40	22°20	15°37	11°58	26°26	5°51	12°39	5°18	0°29	10°28	3°20	4°12	22°57	14°18	W13
T 14	23 30 50	21°6'48	4♍21	16°51	13°8	27°4	5°44	12°47	5°21	0°30	10°28	3°8	4°9	23°3	14°21	T 14
F 15	23 34 46	22°4'57	16°15	18°4	14°18	27°42	5°37	12°54	5°23	0°31	10°28	2°58	4°6	23°10	14°24	F 15
S 16	23 38 43	23°3'08	28°4	19°15	15°28	28°19	5°29	13°2	5°26	0°32	10°28	2°50	4°2	23°17	14°27	S 16
S 17	23 42 39	24°1'20	9♍51	20°25	16°39	28°57	5°22	13°9	5°29	0°33	10°28	2°45	3°59	23°23	14°30	S 17
M18	23 46 36	24°59'34	21°40	21°32	17°49	29°35	5°15	13°17	5°32	0°34	10°28	2°42	3°56	23°30	14°33	M18
T 19	23 50 32	25°57'49	3♍34	22°37	19°0	0♍12	5°8	13°24	5°34	0°35	10°27	2°D42	3°53	23°37	14°36	T 19
W20	23 54 29	26°56'06	15°39	23°39	20°10	0°50	5°2	13°32	5°37	0°36	10°27	2°42	3°50	23°43	14°38	W20
T 21	23 58 25	27°54'25	27°59	24°39	21°21	1°27	4°55	13°39	5°39	0°38	10°27	2°R43	3°46	23°50	14°41	T 21
F 22	0 2 22	28°52'45	10♋40	25°37	22°32	2°5	4°48	13°47	5°42	0°39	10°27	2°42	3°43	23°57	14°43	F 22
S 23	0 6 19	29°51'06	23°46	26°32	23°43	2°42	4°42	13°54	5°44	0°40	10°27	2°39	3°40	24°3	14°46	S 23
S 24	0 10 15	0♍49'29	7♋21	27°24	24°54	3°19	4°36	14°2	5°47	0°42	10°26	2°35	3°37	24°10	14°48	S 24
M25	0 14 12	1°47'53	21°26	28°13	26°5	3°56	4°29	14°9	5°49	0°43	10°26	2°28	3°34	24°17	14°51	M25
T 26	0 18 8	2°46'19	5♋59	28°58	27°16	4°33	4°23	14°17	5°52	0°44	10°26	2°19	3°31	24°23	14°53	T 26
W27	0 22 5	3°44'47	20°55	29°40	28°28	5°10	4°17	14°24	5°54	0°46	10°25	2°10	3°27	24°30	14°55	W27
T 28	0 26 1	4°43'16	6♊5	0♍18	29°39	5°47	4°12	14°31	5°56	0°47	10°25	2°2	3°24	24°37	14°57	T 28
F 29	0 29 58	5°41'47	21°18	0°51	0♍51	6°23	4°6	14°39	5°59	0°49	10°25	1°55	3°21	24°43	14°59	F 29
S 30	0 33 54	6♍40'21	6♋26	1♍20	2♍2	7♍0	4♋1	14♍46	6♍1	0♍50	10♍24	1♍50	3♍18	24♍50	15♍1	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	8n20	8n33	3n58	0n46	0n15	19n22	1s8	22n37	0n34	9s55	1s14	8n45	1n30	19n33	0n32	18s31	1n39	8n54	13s10	20s58	21s2	11s40	16n31	6s11			
S 2	7 58	13 18	3 3	0 2	0 7	19 12	1 4	22 33	0 35	9 58	1 14	8 42	1 30	19 32	0 32	18 32	1 39	8 53	13 10	20 57	21 1	11 42	16 30	6 11			
S 3	7 37	17 10	1 56	0s42	0s1	19 1	1 0	22 28	0 36	10 0	1 14	8 39	1 30	19 31	0 32	18 32	1 39	8 53	13 11	20 56	21 1	11 44	16 29	6 12			
M 4	7 15	19 55	0 44	1 25	0 9	18 50	0 56	22 23	0 37	10 3	1 14	8 37	1 30	19 30	0 32	18 32	1 39	8 53	13 11	20 56	21 0	11 46	16 28	6 12			
T 5	6 53	21 23	0s30	2 7	0 18	18 38	0 52	22 18	0 38	10 6	1 14	8 34	1 30	19 30	0 32	18 32	1 39	8 53	13 11	20 56	20 59	11 48	16 27	6 13			
W 6	6 31	21 32	1 40	2 50	0 26	18 26	0 49	22 13	0 39	10 9	1 14	8 31	1 30	19 29	0 32	18 33	1 39	8 53	13 11	20 56	20 59	11 50	16 27	6 13			
T 7	6 9	20 27	2 43	3 31	0 35	18 14	0 45	22 7	0 39	10 12	1 14	8 28	1 30	19 28	0 32	18 33	1 39	8 52	13 12	20 56	20 58	11 51	16 26	6 14			
F 8	5 46	18 18	3 37	4 12	0 43	18 0	0 41	22 2	0 40	10 15	1 14	8 25	1 30	19 28	0 32	18 33	1 39	8 52	13 12	20 55	20 58	11 53	16 25	6 14			
S 9	5 24	15 17	4 18	4 53	0 52	17 47	0 37	21 56	0 41	10 18	1 14	8 22	1 30	19 27	0 32	18 33	1 39	8 52	13 12	20 54	20 57	11 55	16 24	6 15			
S 10	5 1	11 36	4 46	5 33	1 1	17 32	0 34	21 50	0 42	10 21	1 14	8 20	1 30	19 26	0 32	18 33	1 39	8 52	13 12	20 52	20 56	11 57	16 23	6 15			
M11	4 39	7 28	4 59	6 12	1 9	17 18	0 30	21 44	0 43	10 24	1 14	8 17	1 30	19 25	0 32	18 34	1 39	8 51	13 13	20 50	20 56	11 59	16 23	6 16			
T 12	4 16	3 6	4 59	6 50	1 18	17 3	0 26	21 38	0 44	10 27	1 14	8 14	1 30	19 25	0 32	18 34	1 39	8 51	13 13	20 47	20 55	12 1	16 22	6 16			
W13	3 53	1s20	4 45	7 28	1 27	16 47	0 23	21 31	0 45	10 29	1 15	8 11	1 30	19 24	0 32	18 34	1 39	8 51	13 13	20 45	20 55	12 3	16 21	6 17			
T 14	3 31	5 40	4 18	8 5	1 36	16 31	0 19	21 25	0 45	10 32	1 15	8 8	1 31	19 23	0 32	18 34	1 39	8 51	13 13	20 43	20 54	12 5	16 20	6 17			
F 15	3 8	9 46	3 40	8 41	1 45	16 14	0 15	21 18	0 46	10 35	1 15	8 5	1 31	19 23	0 32	18 35	1 39	8 50	13 14	20 41	20 54	12 6	16 19	6 18			
S 16	2 45	13 27	2 53	9 16	1 53	15 57	0 12	21 12	0 47	10 37	1 15	8 3	1 31	19 22	0 32	18 35	1 39	8 50	13 14	20 39	20 53	12 8	16 19	6 18			
S 17	2 22	16 36	1 59	9 50	2 2	15 40	0 8	21 5	0 48	10 40	1 15	8 0	1 31	19 22	0 32	18 35	1 39	8 50	13 14	20 38	20 52	12 10	16 18	6 19			
M18	1 59	19 4	0 58	10 23	2 10	15 22	0 5	20 58	0 49	10 42	1 15	7 57	1 31	19 21	0 32	18 36	1 39	8 50	13 14	20 38	20 52	12 12	16 17	6 19			
T 19	1 36	20 43	0n5	10 55	2 19	15 4	0 1	20 51	0 50	10 45	1 15	7 54	1 31	19 20	0 33	18 36	1 38	8 49	13 15	20 38	20 51	12 14	16 16	6 20			
W20	1 13	21 27	1 9	11 26	2 27	14 45	0n2	20 44	0 51	10 47	1 15	7 51	1 31	19 20	0 33	18 36	1 38	8 49	13 15	20 38	20 51	12 16	16 15	6 20			
T 21	0 50	21 10	2 11	11 56	2 35	14 26	0 6	20 36	0 52	10 50	1 14	7 49	1 31	19 19	0 33	18 36	1 38	8 49	13 15	20 38	20 50	12 18	16 15	6 21			
F 22	0 27	19 48	3 8	12 24	2 43	14 6	0 9	20 29	0 52	10 52	1 14	7 46	1 31	19 19	0 33	18 37	1 38	8 49	13 15	20 38	20 49	12 19	16 14	6 21			
S 23	0 4	17 22	3 58	12 51	2 51	13 46	0 12	20 21	0 53	10 55	1 14	7 43	1 31	19 18	0 33	18 37	1 38	8 48	13 16	20 37	20 49	12 21	16 13	6 22			
S 24	0s20	13 55	4 36	13 17	2 58	13 25	0 16	20 14	0 54	10 57	1 14	7 40	1 31	19 17	0 33	18 37	1 38	8 48	13 16	20 36	20 48	12 23	16 12	6 22			
M25	0 43	9 35	4 59	13 41	3 6	13 5	0 19	20 6	0 55	10 59	1 14	7 37	1 32	19 17	0 33	18 38	1 38	8 48	13 16	20 35	20 48	12 25	16 11	6 23			
T 26	1 6	4 34	5 4	14 4	3 12	12 43	0 22	19 58	0 56	11 1	1 14	7 35	1 32	19 16	0 33	18 38	1 38	8 47	13 16	20 33	20 47	12 27	16 11	6 23			
W27	1 29	0n50	4 49	14 25	3 19	12 22	0 25	19 50	0 57	11 3	1 14	7 32	1 32	19 16	0 33	18 38	1 38	8 47	13 16	20 31	20 46	12 29	16 10	6 24			
T 28	1 52	6 17	4 13	14 44	3 25	12 0	0 28	19 42	0 58	11 5	1 14	7 29	1 32	19 15	0 33	18 39	1 38	8 47	13 17	20 30	20 46	12 30	16 9	6 25			
F 29	2 15	11 22	3 19	15 1	3 30	11 38	0 31	19 34	0 59	11 7	1 14	7 27	1 32	19 15	0 33	18 39	1 38	8 47	13 17	20 28	20 45	12 32	16 8	6 25			
S 30	2s38	15n41	2n12	15s16	3s35	11n15	0n34	19n25	1n0	11s9	1s14	7n24	1n32	19n14	0n33	18s39	1n38	8n46	13s17	20s27	20s45	12s34	16n7	6s26			

## ASTRODIENST EPHEMERIS for the year 2626

OCTOBER 2626

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 37 51	7♂38'56	21♂18	1♂44	3♂14	7♂36	3°R55	14♂53	6♂3	0♂51	10°R24	1°R48	3♂15	24♂57	15♂3	S 1
M 2	0 41 47	8°37'34	5♂48	2°3	4°26	8°13	3♂50	15°0	6°5	0°53	10♂23	1°D47	3°12	25°3	15°5	M 2
T 3	0 45 44	9°36'14	19°54	2°16	5°38	8°49	3°45	15°8	6°7	0°55	10°23	1♂48	3°8	25°10	15°7	T 3
W 4	0 49 41	10°34'56	3♂36	2°24	6°50	9°25	3°40	15°15	6°9	0°56	10°22	1°49	3°5	25°17	15°9	W 4
T 5	0 53 37	11°33'40	16°54	2°R24	8°2	10°1	3°35	15°22	6°11	0°58	10°22	1°R49	3°2	25°23	15°10	T 5
F 6	0 57 34	12°32'26	29°52	2°19	9°14	10°37	3°31	15°29	6°13	0°59	10°21	1°48	2°59	25°30	15°12	F 6
S 7	1 1 30	13°31'15	12♂32	2°6	10°26	11°13	3°26	15°36	6°15	1°1	10°21	1°44	2°56	25°37	15°13	S 7
S 8	1 5 27	14°30'06	24°58	1°45	11°39	11°49	3°22	15°43	6°17	1°3	10°20	1°38	2°52	25°43	15°15	S 8
M 9	1 9 23	15°28'59	7♂13	1°17	12°51	12°24	3°18	15°50	6°19	1°4	10°20	1°31	2°49	25°50	15°16	M 9
T 10	1 13 20	16°27'54	19°19	0°42	14°4	13°0	3°14	15°57	6°21	1°6	10°19	1°22	2°46	25°57	15°17	T 10
W 11	1 17 16	17°26'51	1♂18	29♂59	15°16	13°35	3°11	16°4	6°22	1°8	10°18	1°14	2°43	26°3	15°18	W 11
T 12	1 21 13	18°25'50	13°11	29°10	16°29	14°11	3°7	16°11	6°24	1°9	10°18	1°6	2°40	26°10	15°19	T 12
F 13	1 25 10	19°24'51	25°1	28°14	17°42	14°46	3°4	16°18	6°26	1°11	10°17	0°59	2°37	26°17	15°20	F 13
S 14	1 29 6	20°23'54	6♂50	27°12	18°54	15°21	3°1	16°25	6°27	1°13	10°17	0°54	2°33	26°23	15°21	S 14
S 15	1 33 3	21°22'59	18°38	26°6	20°7	15°56	2°58	16°31	6°29	1°15	10°16	0°52	2°30	26°30	15°22	S 15
M 16	1 36 59	22°22'06	0♂29	24°57	21°20	16°31	2°55	16°38	6°30	1°17	10°15	0°D51	2°27	26°37	15°23	M 16
T 17	1 40 56	23°21'15	12°26	23°47	22°33	17°5	2°53	16°45	6°32	1°19	10°14	0°51	2°24	26°43	15°24	T 17
W 18	1 44 52	24°20'26	12°33	22°38	23°46	17°40	2°50	16°51	6°33	1°20	10°14	0°53	2°21	26°50	15°24	W 18
T 19	1 48 49	25°19'39	6♂54	21°31	24°59	18°14	2°48	16°58	6°34	1°22	10°13	0°55	2°17	26°57	15°25	T 19
F 20	1 52 45	26°18'53	19°33	20°28	26°12	18°49	2°46	17°5	6°36	1°24	10°12	0°56	2°14	27°3	15°25	F 20
S 21	1 56 42	27°18'09	2♂34	19°32	27°26	19°23	2°45	17°11	6°37	1°26	10°11	0°R56	2°11	27°10	15°25	S 21
S 22	2 0 39	28°17'26	16°2	18°44	28°39	19°57	2°43	17°17	6°38	1°28	10°11	0°54	2°8	27°17	15°26	S 22
M 23	2 4 35	29°16'46	29°57	18°4	29°52	20°31	2°42	17°24	6°39	1°30	10°10	0°52	2°5	27°23	15°26	M 23
T 24	2 8 32	0♂16'07	14♂20	17°35	1♂6	21°5	2°41	17°30	6°40	1°32	10°9	0°48	2°2	27°30	15°26	T 24
W 25	2 12 28	1°15'29	29°8	17°17	2°19	21°38	2°40	17°36	6°41	1°34	10°8	0°44	1°58	27°37	15°R26	W 25
T 26	2 16 25	2°14'54	14°Y14	17°D10	3°33	22°12	2°39	17°43	6°42	1°36	10°7	0°40	1°55	27°43	15°26	T 26
F 27	2 20 21	3°14'20	29°29	17°13	4°46	22°45	2°39	17°49	6°43	1°38	10°7	0°36	1°52	27°50	15°26	F 27
S 28	2 24 18	4°13'49	14♂43	17°28	6°0	23°19	2°38	17°55	6°44	1°40	10°6	0°34	1°49	27°57	15°26	S 28
S 29	2 28 14	5°13'20	29°46	17°52	7°14	23°52	2°D38	18°1	6°45	1°42	10°5	0°D34	1°46	28°3	15°25	S 29
M 30	2 32 11	6°12'52	14♂30	18°27	8°28	24°25	2°38	18°7	6°45	1°44	10°4	0°34	1°43	28°10	15°25	M 30
T 31	2 36 8	7♂12'27	28♂50	19♂10	9♂41	24♂58	2♂38	18♂13	6♂46	1♂46	10♂3	0♂35	1♂39	28♂17	15♂24	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	3s 1	18n55	0n56	15s28	3s40	10n52	0n37	19n17	1n 1	11s11	1s14	7n21	1n32	19n14	0n33	18s40	1n38
M 2	3 25	20 51	0s22	15 38	3 43	10 29	0 40	19 9	1 2	11 13	1 14	7 18	1 32	19 13	0 33	18 40	1 38
T 3	3 48	21 23	1 36	15 45	3 46	10 5	0 43	19 0	1 2	11 15	1 14	7 16	1 33	19 13	0 33	18 40	1 38
W 4	4 11	20 36	2 43	15 50	3 48	9 41	0 46	18 51	1 3	11 16	1 14	7 13	1 33	19 12	0 33	18 41	1 38
T 5	4 33	18 41	3 39	15 51	3 49	9 17	0 48	18 43	1 4	11 18	1 14	7 10	1 33	19 12	0 33	18 41	1 38
F 6	4 56	15 51	4 22	15 48	3 48	8 52	0 51	18 34	1 5	11 20	1 14	7 8	1 33	19 11	0 33	18 42	1 38
S 7	5 19	12 20	4 51	15 42	3 47	8 27	0 54	18 25	1 6	11 21	1 13	7 5	1 33	19 11	0 33	18 42	1 38
S 8	5 42	8 21	5 6	15 32	3 44	8 2	0 56	18 16	1 7	11 23	1 13	7 3	1 33	19 10	0 33	18 42	1 38
M 9	6 5	4 5	5 6	15 18	3 39	7 37	0 59	18 7	1 8	11 24	1 13	7 0	1 33	19 10	0 33	18 43	1 38
T 10	6 27	0s17	4 53	15 0	3 33	7 11	1 1	17 58	1 9	11 25	1 13	6 57	1 33	19 10	0 33	18 43	1 38
W 11	6 50	4 36	4 27	14 38	3 25	6 46	1 3	17 48	1 10	11 26	1 13	6 55	1 34	19 9	0 33	18 43	1 37
T 12	7 12	8 43	3 50	14 11	3 15	6 20	1 6	17 39	1 11	11 28	1 13	6 52	1 34	19 9	0 33	18 44	1 37
F 13	7 34	12 29	3 2	13 40	3 4	5 53	1 8	17 30	1 12	11 29	1 13	6 50	1 34	19 8	0 33	18 44	1 37
S 14	7 57	15 45	2 7	13 5	2 50	5 27	1 10	17 20	1 13	11 30	1 13	6 47	1 34	19 8	0 33	18 45	1 37
S 15	8 19	18 22	1 6	12 27	2 35	5 0	1 12	17 11	1 14	11 31	1 13	6 45	1 34	19 8	0 33	18 45	1 37
M 16	8 41	20 13	0 2	11 46	2 18	4 33	1 14	17 1	1 15	11 31	1 13	6 42	1 34	19 7	0 33	18 45	1 37
T 17	9 3	21 10	1n 3	11 3	2 0	4 6	1 16	16 52	1 16	11 32	1 12	6 40	1 34	19 7	0 33	18 46	1 37
W 18	9 24	21 9	2 6	10 19	1 40	3 39	1 18	16 42	1 17	11 33	1 12	6 38	1 35	19 7	0 33	18 46	1 37
T 19	9 46	20 7	3 4	9 36	1 20	3 12	1 19	16 33	1 18	11 34	1 12	6 35	1 35	19 6	0 34	18 47	1 37
F 20	10 7	18 3	3 55	8 53	0 59	2 45	1 21	16 23	1 19	11 34	1 12	6 33	1 35	19 6	0 34	18 47	1 37
S 21	10 29	15 2	4 36	8 13	0 39	2 17	1 23	16 13	1 20	11 35	1 12	6 30	1 35	19 6	0 34	18 47	1 37
S 22	10 50	11 9	5 3	7 36	0 19	1 49	1 24	16 4	1 21	11 35	1 12	6 28	1 35	19 6	0 34	18 48	1 37
M 23	11 11	6 33	5 13	7 3	0n 1	1 22	1 26	15 54	1 22	11 35	1 12	6 26	1 35	19 5	0 34	18 48	1 37
T 24	11 32	1 27	5 5	6 35	0 19	0 54	1 27	15 44	1 23	11 36	1 11	6 23	1 36	19 5	0 34	18 49	1 37
W 25	11 52	3n53	4 36	6 12	0 37	0 26	1 28	15 34	1 24	11 36	1 11	6 21	1 36	19 5	0 34	18 49	1 37
T 26	12 13	9 5	3 48	5 54	0 53	0s 2	1 29	15 24	1 25	11 36	1 11	6 19	1 36	19 5	0 34	18 50	1 37
F 27	12 33	13 47	2 43	5 43	1 7	0 30	1 31	15 14	1 26	11 36	1 11	6 17	1 36	19 5	0 34	18 50	1 37
S 28	12 53	17 34	1 26	5 36	1 20	0 58	1 32	15 4	1 27	11 36	1 11	6 14	1 36	19 4	0 34	18 50	1 37
S 29	13 13	20 6	0 4	5 35	1 31	1 26	1 33	14 54	1 28	11 36	1 11	6 12	1 37	19 4	0 34	18 51	1 37
M 30	13 33	21 12	1s16	5 40	1 40	1 55	1 34	14 44	1 29	11 36	1 11	6 10	1 37	19 4	0 34	18 51	1 37
T 31	13s52	20n51	2s30	5s49	1n48	2s23	1n34	14n34	1n30	11s36	1s10	6n 8	1n37	19n 4	0n34	18s52	1n37

Julian Day Number = 2680459.5, Delta T = 21m59s

Ecliptic obliquity = 23°21'25, Nutation = 0°00'15

Ayanamsha: Fagan/Bradley = 33°30'25, Lahiri = 32°37'25

# ASTRODIENST EPHEMERIS for the year 2626

NOVEMBER 2626

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 40 4	8♉12°05	12♊42	20♋1	10♌55	25♍30	2♎39	18♏18	6♐47	1♑48	10♒2	0♓37	1♈36	28♉23	15♊24	W 1
T 2	2 44 1	9♉11°44	26° 8	21° 0	12° 9	26° 3	2°40	18°24	6°47	1°50	10♒1	0°38	1°33	28°30	15♊23	T 2
F 3	2 47 57	10♉11°26	9♊10	22° 5	13°23	26°35	2°40	18°30	6°48	1°53	10° 0	0°R38	1°30	28°37	15°22	F 3
S 4	2 51 54	11°11°09	21°49	23°16	14°37	27° 8	2°42	18°36	6°48	1°55	9°59	0°38	1°27	28°44	15°22	S 4
S 5	2 55 50	12°10°55	4♊12	24°31	15°51	27°40	2°43	18°41	6°49	1°57	9°58	0°37	1°23	28°50	15°21	S 5
M 6	2 59 47	13°10°44	16°20	25°51	17° 6	28°12	2°44	18°47	6°49	1°59	9°57	0°35	1°20	28°57	15°20	M 6
T 7	3 3 43	14°10°34	28°19	27°15	18°20	28°43	2°46	18°52	6°50	2° 1	9°56	0°32	1°17	29° 3	15°19	T 7
W 8	3 7 40	15°10°26	10♋12	28°41	19°34	29°15	2°48	18°57	6°50	2° 3	9°55	0°30	1°14	29°10	15°18	W 8
T 9	3 11 36	16°10°21	22° 1	0♌10	20°48	29°46	2°50	19° 3	6°50	2° 5	9°54	0°27	1°11	29°17	15°17	T 9
F 10	3 15 33	17°10°17	3♌50	1°41	22° 3	0♍18	2°52	19° 8	6°50	2° 8	9°53	0°26	1° 8	29°23	15°15	F 10
S 11	3 19 30	18°10°16	15°40	3°14	23°17	0°49	2°55	19°13	6°50	2°10	9°52	0°24	1° 4	29°30	15°14	S 11
S 12	3 23 26	19°10°16	27°33	4°48	24°31	1°20	2°57	19°18	6°R50	2°12	9°51	0°D24	1° 1	29°37	15°12	S 12
M13	3 27 23	20°10°18	9♌33	6°23	25°46	1°50	3° 0	19°23	6°50	2°14	9°50	0°24	0°58	29°43	15°11	M13
T 14	3 31 19	21°10°22	21°39	7°59	27° 0	2°21	3° 3	19°28	6°50	2°16	9°49	0°25	0°55	29°50	15° 9	T 14
W15	3 35 16	22°10°28	3♎56	9°35	28°15	2°51	3° 7	19°33	6°50	2°19	9°48	0°25	0°52	29°57	15° 8	W15
T 16	3 39 12	23°10°35	16°25	11°12	29°29	3°22	3°10	19°38	6°50	2°21	9°47	0°26	0°49	0♏3	15° 6	T 16
F 17	3 43 9	24°10°44	29°10	12°49	0♎44	3°51	3°14	19°42	6°50	2°23	9°46	0°27	0°45	0°10	15° 4	F 17
S 18	3 47 6	25°10°54	12♏12	14°27	1°58	4°21	3°18	19°47	6°50	2°25	9°45	0°27	0°42	0°17	15° 2	S 18
S 19	3 51 2	26°11°06	25°34	16° 4	3°13	4°51	3°22	19°51	6°49	2°28	9°44	0°R28	0°39	0°23	15° 0	S 19
M20	3 54 59	27°11°19	9♏19	17°42	4°28	5°20	3°26	19°56	6°49	2°30	9°43	0°27	0°36	0°30	14°58	M20
T 21	3 58 55	28°11°33	23°27	19°19	5°42	5°49	3°30	20° 0	6°48	2°32	9°41	0°27	0°33	0°37	14°56	T 21
W22	4 2 52	29°11°49	7♏55	20°56	6°57	6°18	3°35	20° 4	6°48	2°34	9°40	0°27	0°29	0°43	14°54	W22
T 23	4 6 48	0♑12°07	22°42	22°34	8°12	6°47	3°40	20° 9	6°47	2°37	9°39	0°D27	0°26	0°50	14°52	T 23
F 24	4 10 45	1°12°26	7♋41	24°11	9°27	7°16	3°44	20°13	6°47	2°39	9°38	0°27	0°23	0°57	14°49	F 24
S 25	4 14 41	2°12°46	22°44	25°47	10°42	7°44	3°50	20°17	6°46	2°41	9°37	0°27	0°20	1° 3	14°47	S 25
S 26	4 18 38	3°13°08	7♊42	27°24	11°56	8°12	3°55	20°21	6°45	2°43	9°36	0°R27	0°17	1°10	14°45	S 26
M27	4 22 35	4°13°32	22°28	29° 0	13°11	8°40	4° 0	20°24	6°45	2°46	9°35	0°27	0°14	1°17	14°42	M27
T 28	4 26 31	5°13°57	6♋54	0♑37	14°26	9° 7	4° 6	20°28	6°44	2°48	9°34	0°27	0°10	1°23	14°40	T 28
W29	4 30 28	6°14°24	20°56	2°13	15°41	9°35	4°12	20°32	6°43	2°50	9°33	0°26	0° 7	1°30	14°37	W29
T 30	4 34 24	7♌14°53	4♋31	3♌48	16♌56	10♍2	4♎18	20♏35	6♐42	2♑52	9♒31	0♓25	0♈4	1♉37	14♊34	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	14s12	19n14	3s32	6s 2	1n54	2s51	1n35	14n24	1n31	11s35	1s10	6n 6	1n37	19n 4	0n34	18s52
T 2	14 31	16 35	4 21	6 19	1 59	3 19	1 36	14 14	1 32	11 35	1 10	6 4	1 37	19 4	0 34	18 53
F 3	14 49	13 10	4 54	6 40	2 3	3 47	1 36	14 4	1 33	11 34	1 10	6 2	1 37	19 4	0 34	18 53
S 4	15 8	9 15	5 12	7 4	2 5	4 15	1 37	13 54	1 34	11 34	1 10	6 0	1 38	19 3	0 34	18 54
S 5	15 26	5 2	5 15	7 30	2 7	4 43	1 37	13 44	1 35	11 33	1 10	5 58	1 38	19 3	0 34	18 54
M 6	15 44	0 42	5 4	7 59	2 7	5 11	1 38	13 34	1 37	11 33	1 10	5 56	1 38	19 3	0 34	18 54
T 7	16 2	3s37	4 40	8 29	2 6	5 39	1 38	13 24	1 38	11 32	1 9	5 54	1 38	19 3	0 34	18 55
W 8	16 20	7 45	4 3	9 1	2 5	6 7	1 38	13 14	1 39	11 31	1 9	5 52	1 38	19 3	0 34	18 55
T 9	16 37	11 36	3 17	9 35	2 3	6 34	1 38	13 4	1 40	11 30	1 9	5 50	1 39	19 3	0 34	18 56
F 10	16 54	14 59	2 22	10 9	2 0	7 2	1 38	12 54	1 41	11 29	1 9	5 48	1 39	19 3	0 34	18 56
S 11	17 11	17 46	1 21	10 44	1 56	7 29	1 38	12 44	1 42	11 28	1 9	5 46	1 39	19 3	0 34	18 57
S 12	17 27	19 48	0 16	11 19	1 52	7 57	1 38	12 34	1 43	11 27	1 9	5 45	1 39	19 3	0 34	18 57
M13	17 44	20 58	0n51	11 54	1 48	8 24	1 38	12 24	1 44	11 26	1 8	5 43	1 39	19 3	0 34	18 57
T 14	17 59	21 11	1 55	12 30	1 43	8 51	1 38	12 15	1 45	11 25	1 8	5 41	1 40	19 3	0 34	18 58
W15	18 15	20 22	2 56	13 6	1 37	9 18	1 38	12 5	1 47	11 23	1 8	5 39	1 40	19 3	0 35	18 58
T 16	18 30	18 34	3 49	13 41	1 32	9 44	1 37	11 55	1 48	11 22	1 8	5 38	1 40	19 3	0 35	18 59
F 17	18 45	15 49	4 32	14 16	1 26	10 11	1 37	11 45	1 49	11 20	1 8	5 36	1 40	19 4	0 35	18 59
S 18	19 0	12 14	5 2	14 51	1 20	10 37	1 36	11 35	1 50	11 19	1 8	5 35	1 41	19 4	0 35	19 0
S 19	19 14	7 58	5 17	15 25	1 14	11 3	1 36	11 26	1 51	11 17	1 7	5 33	1 41	19 4	0 35	19 0
M20	19 28	3 11	5 14	15 59	1 7	11 28	1 35	11 16	1 53	11 16	1 7	5 31	1 41	19 4	0 35	19 1
T 21	19 41	1n53	4 53	16 31	1 1	11 54	1 34	11 6	1 54	11 14	1 7	5 30	1 41	19 4	0 35	19 1
W22	19 55	7 0	4 13	17 4	0 54	12 19	1 33	10 57	1 55	11 12	1 7	5 28	1 41	19 4	0 35	19 1
T 23	20 7	11 49	3 15	17 35	0 47	12 44	1 33	10 47	1 56	11 10	1 7	5 27	1 42	19 4	0 35	19 2
F 24	20 20	15 58	2 3	18 6	0 40	13 8	1 32	10 38	1 57	11 8	1 7	5 26	1 42	19 5	0 35	19 2
S 25	20 32	19 5	0 43	18 36	0 33	13 33	1 31	10 29	1 59	11 6	1 7	5 24	1 42	19 5	0 35	19 3
S 26	20 44	20 51	0s40	19 5	0 26	13 57	1 30	10 19	2 0	11 4	1 6	5 23	1 42	19 5	0 35	19 3
M27	20 55	21 9	1 59	19 33	0 20	14 20	1 28	10 10	2 1	11 2	1 6	5 22	1 43	19 5	0 35	19 4
T 28	21 6	20 2	3 9	20 0	0 13	14 44	1 27	10 1	2 2	11 0	1 6	5 21	1 43	19 5	0 35	19 4
W29	21 17	17 41	4 5	20 26	0 6	15 6	1 26	9 52	2 4	10 58	1 6	5 19	1 43	19 6	0 35	19 5
T 30	21s27	14n26	4s46	20s51	0s 1	15s29	1n25	9n43	2n 5	10s55	1s 6	5n18	1n43	19n 6	0n35	19s 5

Julian Day Number = 2680490.5, Delta T = 21m59s  
Ecliptic obliquity = 23°21'24", Nutation = 0°00'14"  
Ayanamsha: Fagan/Bradley = 33°30'29", Lahiri = 32°37'29"

# ASTRODIENST EPHEMERIS for the year 2626

DECEMBER 2626

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4 38 21	8♂15°24	17♂40	5♂24	18♂11	10♂29	4♂24	20♂39	6♂41	2♂55	9♂30	0♂24	0♂1	1♂43	14♂31	F 1
S 2	4 42 17	9°15'56	0♂25	6°59	19°26	10°55	4°30	20°42	6♂40	2°57	9♂29	0♂24	29♂58	1°50	14♂29	S 2
S 3	4 46 14	10°16'30	12°50	8°34	20°41	11°22	4°37	20°45	6°39	2°59	9°28	0°D24	29°55	1°57	14°26	S 3
M 4	4 50 10	11°17'05	24°58	10°9	21°56	11°48	4°43	20°48	6°38	3°1	9°27	0°24	29°51	2°3	14°23	M 4
T 5	4 54 7	12°17'42	6♂55	11°44	23°11	12°14	4°50	20°51	6°37	3°3	9°26	0°25	29°48	2°10	14°20	T 5
W 6	4 58 4	13°18'21	18°45	13°18	24°26	12°39	4°57	20°54	6°36	3°6	9°25	0°26	29°45	2°17	14°17	W 6
T 7	5 2 0	14°19'02	0♂33	14°53	25°41	13°4	5°4	20°57	6°34	3°8	9°24	0°28	29°42	2°23	14°14	T 7
F 8	5 5 57	15°19'44	12°22	16°27	26°56	13°29	5°12	21°0	6°33	3°10	9°22	0°29	29°39	2°30	14°11	F 8
S 9	5 9 53	16°20'27	24°16	18°1	28°12	13°54	5°19	21°2	6°32	3°12	9°21	0°29	29°35	2°37	14°7	S 9
S 10	5 13 50	17°21'12	6♂18	19°35	29°27	14°18	5°27	21°5	6°30	3°15	9°20	0°R29	29°32	2°43	14°4	S 10
M11	5 17 46	18°21'59	18°29	21°10	0♂42	14°42	5°35	21°7	6°29	3°17	9°19	0°29	29°29	2°50	14°1	M11
T 12	5 21 43	19°22'46	0♂51	22°44	1°57	15°6	5°43	21°10	6°27	3°19	9°18	0°27	29°26	2°57	13°58	T 12
W13	5 25 39	20°23'35	13°25	24°17	3°12	15°29	5°51	21°12	6°26	3°21	9°17	0°24	29°23	3°3	13°54	W13
T 14	5 29 36	21°24'24	26°12	25°51	4°28	15°53	5°59	21°14	6°24	3°23	9°16	0°21	29°20	3°10	13°51	T 14
F 15	5 33 33	22°25'15	9♂13	27°25	5°43	16°15	6°7	21°16	6°23	3°25	9°15	0°17	29°16	3°17	13°47	F 15
S 16	5 37 29	23°26'06	22°27	28°59	6°58	16°38	6°16	21°18	6°21	3°28	9°14	0°14	29°13	3°23	13°44	S 16
S 17	5 41 26	24°26'58	5♂55	0♂33	8°13	17°0	6°24	21°20	6°19	3°30	9°12	0°12	29°10	3°30	13°40	S 17
M18	5 45 22	25°27'51	19°37	2°7	9°29	17°21	6°33	21°21	6°17	3°32	9°11	0°D11	29°7	3°37	13°37	M18
T 19	5 49 19	26°28'44	3♂34	3°40	10°44	17°43	6°42	21°23	6°16	3°34	9°10	0°11	29°4	3°43	13°33	T 19
W20	5 53 15	27°29'39	17°45	5°14	11°59	18°4	6°51	21°24	6°14	3°36	9°9	0°12	29°1	3°50	13°29	W20
T 21	5 57 12	28°30'33	2♂8	6°48	13°15	18°24	7°0	21°26	6°12	3°38	9°8	0°13	28°57	3°57	13°26	T 21
F 22	6 1 8	29°31'29	16°41	8°22	14°30	18°44	7°10	21°27	6°10	3°40	9°7	0°15	28°54	4°3	13°22	F 22
S 23	6 5 5	0♂32'25	1♂18	9°56	15°45	19°4	7°19	21°28	6°8	3°42	9°6	0°R15	28°51	4°10	13°18	S 23
S 24	6 9 2	1°33'22	15°56	11°30	17°0	19°23	7°29	21°29	6°6	3°44	9°5	0°14	28°48	4°17	13°15	S 24
M25	6 12 58	2°34'20	0♂27	13°4	18°16	19°42	7°39	21°30	6°4	3°46	9°4	0°12	28°45	4°23	13°11	M25
T 26	6 16 55	3°35'18	14°44	14°38	19°31	20°1	7°48	21°31	6°2	3°48	9°3	0°8	28°41	4°30	13°7	T 26
W27	6 20 51	4°36'17	28°44	16°11	20°46	20°19	7°58	21°31	6°0	3°50	9°2	0°2	28°38	4°37	13°3	W27
T 28	6 24 48	5°37'17	12♂21	17°45	22°2	20°37	8°8	21°32	5°58	3°52	9°1	29♂56	28°35	4°43	12°59	T 28
F 29	6 28 44	6°38'18	25°34	19°19	23°17	20°54	8°19	21°33	5°56	3°54	9°0	29°50	28°32	4°50	12°55	F 29
S 30	6 32 41	7°39'19	8♂23	20°52	24°33	21°11	8°29	21°33	5°53	3°56	8°59	29°45	28°29	4°57	12°52	S 30
S 31	6 36 37	8♂40'21	20♂52	22♂25	25♂48	21♂27	8♂39	21♂33	5♂51	3♂58	8♂58	29♂42	28♂26	5♂3	12♂548	S 31

Day	☉	☽		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂			
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	21s36	10n34	5s10	21s15	0s 8	15s51	1n23	9n34	2n 6	10s53	1s 6	5n17	1n44	19n 6	0n35	19s 5	1n37	8n32	13s24	20s10	20s 5	14s19	15n37	7s 0					
S 2	21 46	6 20	5 18	21 38	0 15	16 13	1 22	9 25	2 8	10 51	1 6	5 16	1 44	19 7	0 35	19 6	1 37	8 32	13 24	20 10	20 4	14 21	15 37	7 0					
S 3	21 55	1 56	5 10	22 0	0 21	16 34	1 20	9 16	2 9	10 48	1 5	5 15	1 44	19 7	0 35	19 6	1 37	8 32	13 24	20 10	20 4	14 23	15 37	7 0					
M 4	22 3	2s26	4 49	22 21	0 28	16 55	1 19	9 7	2 10	10 45	1 5	5 14	1 44	19 7	0 35	19 7	1 37	8 32	13 24	20 10	20 3	14 24	15 36	7 1					
T 5	22 11	6 39	4 16	22 41	0 34	17 16	1 17	8 59	2 12	10 43	1 5	5 13	1 45	19 7	0 35	19 7	1 37	8 32	13 24	20 10	20 2	14 26	15 36	7 1					
W 6	22 19	10 35	3 31	22 59	0 41	17 36	1 16	8 50	2 13	10 40	1 5	5 12	1 45	19 8	0 35	19 7	1 37	8 32	13 24	20 10	20 2	14 27	15 36	7 2					
T 7	22 26	14 6	2 39	23 17	0 47	17 55	1 14	8 42	2 14	10 37	1 5	5 11	1 45	19 8	0 35	19 8	1 37	8 32	13 24	20 11	20 1	14 29	15 36	7 2					
F 8	22 33	17 4	1 39	23 33	0 53	18 14	1 12	8 34	2 16	10 35	1 5	5 10	1 45	19 9	0 35	19 8	1 37	8 31	13 24	20 11	20 0	14 31	15 36	7 2					
S 9	22 40	19 20	0 34	23 48	0 59	18 33	1 10	8 25	2 17	10 32	1 5	5 10	1 46	19 9	0 35	19 9	1 37	8 31	13 24	20 11	20 0	14 32	15 36	7 3					
S 10	22 45	20 45	0n32	24 2	1 5	18 51	1 8	8 17	2 19	10 29	1 4	5 9	1 46	19 9	0 35	19 9	1 37	8 31	13 24	20 11	19 59	14 34	15 36	7 3					
M11	22 51	21 14	1 38	24 14	1 11	19 8	1 7	8 9	2 20	10 26	1 4	5 8	1 46	19 10	0 35	19 10	1 37	8 31	13 24	20 11	19 58	14 35	15 36	7 3					
T 12	22 56	20 41	2 40	24 26	1 16	19 25	1 5	8 1	2 21	10 23	1 4	5 7	1 46	19 10	0 35	19 10	1 37	8 31	13 24	20 10	19 58	14 37	15 36	7 4					
W13	23 1	19 7	3 35	24 36	1 22	19 42	1 3	7 54	2 23	10 20	1 4	5 7	1 47	19 10	0 36	19 10	1 37	8 31	13 24	20 10	19 57	14 38	15 36	7 4					
T 14	23 5	16 34	4 21	24 44	1 27	19 58	1 1	7 46	2 24	10 17	1 4	5 6	1 47	19 11	0 36	19 11	1 37	8 31	13 23	20 9	19 56	14 40	15 36	7 4					
F 15	23 8	13 10	4 54	24 52	1 32	20 13	0 59	7 39	2 26	10 13	1 4	5 6	1 47	19 11	0 36	19 11	1 37	8 31	13 23	20 8	19 56	14 41	15 36	7 5					
S 16	23 12	9 4	5 12	24 58	1 37	20 28	0 57	7 31	2 27	10 10	1 4	5 5	1 47	19 12	0 36	19 11	1 37	8 31	13 23	20 8	19 55	14 43	15 36	7 5					
S 17	23 14	4 27	5 13	25 2	1 41	20 42	0 54	7 24	2 29	10 7	1 3	5 5	1 48	19 12	0 36	19 12	1 37	8 31	13 23	20 7	19 54	14 44	15 36	7 5					
M18	23 17	0n28	4 57	25 6	1 45	20 56	0 52	7 17	2 30	10 3	1 3	5 4	1 48	19 13	0 36	19 12	1 37	8 31	13 23	20 7	19 53	14 46	15 36	7 5					
T 19	23 19	5 26	4 23	25 8	1 50	21 9	0 50	7 10	2 32	10 0	1 3	5 4	1 48	19 13	0 36	19 13	1 37	8 31	13 23	20 7	19 53	14 47	15 37	7 6					
W20	23 20	10 13	3 33	25 8	1 53	21 22	0 48	7 3	2 33	9 57	1 3	5 4	1 48	19 14	0 36	19 13	1 37	8 31	13 23	20 7	19 52	14 49	15 37	7 6					
T 21	23 21	14 30	2 28	25 8	1 57	21 33	0 46	6 57	2 35	9 53	1 3	5 3	1 49	19 14	0 36	19 13	1 37	8 31	13 23	20 8	19 51	14 50	15 37	7 6					
F 22	23 21	17 57	1 14	25 6	2 0	21 44	0 43	6 50	2 36	9 49	1 3	5 3	1 49	19 15	0 36	19 14	1 37	8 31	13 23	20 8	19 51	14 52	15 37	7 6					
S 23	23 21	20 15	0s 6	25 2	2 3	21 55	0 41	6 44	2 38	9 46	1 3	5 3	1 49	19 15	0 36	19 14	1 37	8 31	13 22	20 8	19 50	14 53	15 37	7 7					
S 24	23 21	21 13	1 25	24 57	2 6	22 5	0 39	6 38	2 39	9 42	1 3	5 3	1 50	19 16	0 36	19 14	1 37	8 31	13 22	20 8	19 49	14 55	15 37	7 7					
M25	23 20	20 44	2 38	24 51	2 8	22 14	0 36	6 32	2 41	9 38	1 2	5 3	1 50	19 16	0 36	19 15	1 37	8 31	13 22	20 7	19 49	14 56	15 37	7 7					
T 26	23 18	18 54	3 39	24 43	2 10	22 23	0 34	6 26	2 43	9 35	1 2	5 2	1 50	19 17	0 36	19 15	1 37	8 31	13 22	20 6	19 48	14 58	15 38	7 7					
W27	23 17	16 0	4 27	24 34	2 12	22 31	0 32	6 20	2 44	9 31	1 2	5 2	1 50	19 17	0 36	19 16	1 37	8 31	13 22	20 5	19 47	14 59	15 38	7 7					
T 28	23 14	12 17	4 57	24 23	2 13	22 38	0 29	6 15	2 46	9 27	1 2	5 2	1 51	19 18	0 36	19 16	1 37	8 31	13 22	20 4	19 47	15 1	15 38	7 7					
F 29	23 11	8 5	5 10	24 11	2 14	22 44	0 27	6 10	2 47	9 23	1 2	5 3	1 51	19 18	0 36	19 16	1 37	8 31	13 21	20 3	19 46	15 2	15 38	7 7					
S 30	23 8	3 38	5 8	23 57	2 14	22 50	0 24	6 5	2 49	9 19	1 2	5 3	1 51	19 19	0 36	19 17	1 37	8 31	13 21	20 2	19 45	15 4	15 38	7 8					
S 31	23s 4	0s51	4s51	23s42	2s14	22s55	0n22	6n 0	2n51	9s15	1s 2	5n 3	1n51	19n20	0n36	19s17	1n37	8n31	13s21	20s 1	19s44	15s 5	15n39	7s 8					

## ASTRODIENST EPHEMERIS for the year 2627

JANUARY 2627

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	6 40 34	9°34'12"	3°2' 2	23°58	27°3' 3	21°43	8°50	21°33	5°R49	4°2' 0	8°R57	29°R40	28°M22	5°M10	12°R44	M 1
T 2	6 44 31	10°42'28	15° 0	25°30	28°19	21°58	9° 1	21°R33	5°L47	4° 2	8°II56	29°D40	28°19	5°17	12°S40	T 2
W 3	6 48 27	11°43'33	26°51	27° 2	29°34	22°13	9°11	21°33	5°44	4° 4	8°55	29°M41	28°16	5°23	12°36	W 3
T 4	6 52 24	12°44'38	8°M38	28°33	0°S50	22°27	9°22	21°33	5°42	4° 6	8°54	29°42	28°13	5°30	12°32	T 4
F 5	6 56 20	13°45'44	20°29	0°S 4	2° 5	22°41	9°33	21°33	5°40	4° 8	8°53	29°44	28°10	5°37	12°28	F 5
S 6	7 0 17	14°46'51	2°26	1°33	3°20	22°54	9°44	21°32	5°37	4°10	8°53	29°R44	28° 7	5°43	12°24	S 6
S 7	7 4 13	15°47'58	14°35	3° 1	4°36	23° 7	9°56	21°32	5°35	4°11	8°52	29°43	28° 3	5°50	12°21	S 7
M 8	7 8 10	16°49'06	26°58	4°27	5°51	23°19	10° 7	21°31	5°33	4°13	8°51	29°39	28° 0	5°57	12°17	M 8
T 9	7 12 7	17°50'14	9°S37	5°52	7° 7	23°31	10°18	21°30	5°30	4°15	8°50	29°34	27°57	6° 3	12°13	T 9
W10	7 16 3	18°51'22	22°32	7°14	8°22	23°42	10°30	21°29	5°28	4°17	8°49	29°26	27°54	6°10	12° 9	W10
T 11	7 20 0	19°52'30	5°S43	8°34	9°38	23°52	10°42	21°28	5°25	4°18	8°48	29°17	27°51	6°16	12° 5	T 11
F 12	7 23 56	20°53'39	19° 8	9°51	10°53	24° 2	10°53	21°27	5°23	4°20	8°47	29° 7	27°47	6°23	12° 1	F 12
S 13	7 27 53	21°54'47	2°H45	11° 4	12° 9	24°11	11° 5	21°26	5°20	4°22	8°47	28°59	27°44	6°30	11°57	S 13
S 14	7 31 49	22°55'55	16°32	12°13	13°24	24°20	11°17	21°25	5°18	4°23	8°46	28°51	27°41	6°36	11°54	S 14
M15	7 35 46	23°57'03	0°V26	13°16	14°39	24°28	11°29	21°23	5°15	4°25	8°45	28°47	27°38	6°43	11°50	M15
T 16	7 39 42	24°58'11	14°25	14°14	15°55	24°35	11°41	21°22	5°13	4°27	8°44	28°44	27°35	6°50	11°46	T 16
W17	7 43 39	25°59'18	28°29	15° 6	17°10	24°42	11°53	21°20	5°10	4°28	8°44	28°D44	27°32	6°56	11°42	W17
T 18	7 47 36	27° 0'25	12°S37	15°50	18°26	24°48	12° 5	21°18	5° 7	4°30	8°43	28°44	27°28	7° 3	11°39	T 18
F 19	7 51 32	28° 1'32	26°46	16°26	19°41	24°53	12°18	21°17	5° 5	4°31	8°42	28°R45	27°25	7°10	11°35	F 19
S 20	7 55 29	29° 2'38	10°II57	16°52	20°57	24°57	12°30	21°15	5° 2	4°33	8°42	28°44	27°22	7°16	11°31	S 20
S 21	7 59 25	0°S 3'44	25° 6	17° 9	22°12	25° 1	12°43	21°13	5° 0	4°34	8°41	28°41	27°19	7°23	11°28	S 21
M22	8 3 22	1° 4'49	9°S10	17°R14	23°28	25° 5	12°55	21°10	4°57	4°36	8°40	28°36	27°16	7°30	11°24	M22
T 23	8 7 18	2° 5'54	23° 6	17° 9	24°43	25° 7	13° 8	21° 8	4°55	4°37	8°40	28°27	27°13	7°36	11°20	T 23
W24	8 11 15	3° 6'58	6°L48	16°51	25°58	25° 9	13°20	21° 6	4°52	4°38	8°39	28°17	27° 9	7°43	11°17	W24
T 25	8 15 11	4° 8'03	20°14	16°22	27°14	25°10	13°33	21° 3	4°49	4°40	8°38	28° 5	27° 6	7°50	11°13	T 25
F 26	8 19 8	5° 9'07	3°M21	15°41	28°29	25°R10	13°46	21° 1	4°47	4°41	8°38	27°53	27° 3	7°56	11°10	F 26
S 27	8 23 5	6°10'10	16° 9	14°50	29°45	25°10	13°59	20°58	4°44	4°42	8°37	27°43	27° 0	8° 3	11° 6	S 27
S 28	8 27 1	7°11'13	28°37	13°49	1°S 0	25° 8	14°12	20°56	4°41	4°44	8°37	27°34	26°57	8°10	11° 3	S 28
M29	8 30 58	8°12'16	10°S49	12°41	2°15	25° 6	14°25	20°53	4°39	4°45	8°36	27°28	26°53	8°16	11° 0	M29
T 30	8 34 54	9°13'19	22°47	11°27	3°31	25° 4	14°38	20°50	4°36	4°46	8°36	27°24	26°50	8°23	10°56	T 30
W31	8 38 51	10°14'21	4°M38	10°S10	4°S46	25°M 0	14°H51	20°M47	4°L34	4°H47	8°II35	27°M23	26°M47	8°M30	10°S53	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
M 1	23s 0	5s11	4s20	23s26	2s14	23s 0	0n19	5n55	2n52	9s11	1s 2	5n 3	1n52	19n20	0n36	19s17
T 2	22 56	9 16	3 39	23 8	2 12	23 4	0 17	5 51	2 54	9 7	1 2	5 3	1 52	19 21	0 36	19 18
W 3	22 50	12 57	2 49	22 49	2 11	23 7	0 15	5 46	2 56	9 3	1 2	5 3	1 52	19 21	0 36	19 18
T 4	22 45	16 6	1 52	22 29	2 9	23 9	0 12	5 42	2 58	8 59	1 1	5 4	1 52	19 22	0 36	19 18
F 5	22 39	18 37	0 50	22 7	2 6	23 11	0 10	5 38	2 59	8 54	1 1	5 4	1 53	19 22	0 36	19 18
S 6	22 32	20 20	0n15	21 44	2 2	23 12	0 7	5 35	3 1	8 50	1 1	5 5	1 53	19 23	0 36	19 19
S 7	22 25	21 9	1 20	21 20	1 58	23 12	0 5	5 31	3 3	8 46	1 1	5 5	1 53	19 24	0 36	19 19
M 8	22 18	20 58	2 22	20 55	1 53	23 11	0 2	5 28	3 5	8 42	1 1	5 6	1 54	19 24	0 36	19 19
T 9	22 10	19 43	3 18	20 28	1 47	23 10	0s 0	5 25	3 6	8 37	1 1	5 6	1 54	19 25	0 36	19 20
W10	22 2	17 26	4 6	20 1	1 41	23 8	0 3	5 22	3 8	8 33	1 1	5 7	1 54	19 25	0 36	19 20
T 11	21 53	14 14	4 41	19 34	1 33	23 6	0 5	5 20	3 10	8 28	1 1	5 7	1 54	19 26	0 36	19 20
F 12	21 44	10 15	5 2	19 5	1 25	23 2	0 8	5 18	3 12	8 24	1 1	5 8	1 55	19 27	0 36	19 20
S 13	21 35	5 42	5 6	18 36	1 16	22 58	0 10	5 16	3 13	8 19	1 1	5 9	1 55	19 27	0 36	19 21
S 14	21 25	0 49	4 52	18 8	1 6	22 53	0 12	5 14	3 15	8 15	1 1	5 9	1 55	19 28	0 36	19 21
M15	21 15	4n10	4 21	17 39	0 54	22 48	0 15	5 13	3 17	8 10	1 0	5 10	1 55	19 29	0 36	19 21
T 16	21 4	8 58	3 35	17 10	0 42	22 42	0 17	5 11	3 19	8 5	1 0	5 11	1 56	19 29	0 36	19 21
W17	20 53	13 19	2 35	16 42	0 29	22 35	0 20	5 10	3 21	8 1	1 0	5 12	1 56	19 30	0 36	19 22
T 18	20 41	16 55	1 25	16 16	0 14	22 27	0 22	5 10	3 23	7 56	1 0	5 13	1 56	19 30	0 36	19 22
F 19	20 29	19 32	0 11	15 50	0n 1	22 19	0 24	5 9	3 24	7 51	1 0	5 14	1 56	19 31	0 36	19 22
S 20	20 17	20 56	1s 5	15 27	0 18	22 10	0 27	5 9	3 26	7 46	1 0	5 15	1 57	19 32	0 36	19 22
S 21	20 4	21 0	2 16	15 5	0 35	22 1	0 29	5 9	3 28	7 41	1 0	5 16	1 57	19 32	0 36	19 23
M22	19 51	19 45	3 18	14 47	0 53	21 50	0 31	5 10	3 30	7 37	1 0	5 17	1 57	19 33	0 36	19 23
T 23	19 37	17 19	4 8	14 31	1 11	21 39	0 33	5 10	3 32	7 32	1 0	5 18	1 57	19 34	0 36	19 23
W24	19 24	13 57	4 42	14 18	1 30	21 28	0 36	5 11	3 34	7 27	1 0	5 19	1 58	19 34	0 36	19 23
T 25	19 9	9 56	5 0	14 9	1 48	21 16	0 38	5 13	3 35	7 22	1 0	5 20	1 58	19 35	0 36	19 24
F 26	18 55	5 33	5 1	14 4	2 6	21 3	0 40	5 14	3 37	7 17	1 0	5 22	1 58	19 36	0 36	19 24
S 27	18 40	1 2	4 48	14 2	2 23	20 49	0 42	5 16	3 39	7 12	1 0	5 23	1 58	19 36	0 36	19 24
S 28	18 25	3s26	4 20	14 4	2 40	20 35	0 44	5 18	3 41	7 7	1 0	5 24	1 59	19 37	0 36	19 24
M29	18 9	7 39	3 41	14 10	2 54	20 20	0 46	5 21	3 43	7 2	1 0	5 25	1 59	19 37	0 36	19 24
T 30	17 53	11 31	2 53	14 18	3 6	20 5	0 48	5 23	3 44	6 57	0 59	5 27	1 59	19 38	0 36	19 24
W31	17s37	14s52	1s58	14s29	3n16	19s49	0s50	5n26	3n46	6s52	0s59	5n28	1n59	19n39	0n36	19s25

Julian Day Number = 2680551.5, Delta T = 22m00s

Ecliptic obliquity = 23°21'23, Nutation = 0°00'15

Ayanamsha: Fagan/Bradley = 33°30'38, Lahiri = 32°37'38

# ASTRODIENST EPHEMERIS for the year 2627

FEBRUARY 2627

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 42 47	11°15'24	16°11'26	8°R53	6°22	24°R56	15°15	20°R44	4°R31	4°27'49	8°R35	27°D23	26°M44	8°M36	10°R50	T 1
F 2	8 46 44	12°16'25	28°16	7°37	7°17	24°M50	15°18	20°M41	4°J28	4°50	8°J34	27°R23	26°41	8°43	10°S47	F 2
S 3	8 50 40	13°17'27	10°15	6°24	8°33	24°45	15°31	20°37	4°26	4°51	8°34	27°M22	26°38	8°50	10°44	S 3
S 4	8 54 37	14°18'28	22°27	5°17	9°48	24°38	15°45	20°34	4°23	4°52	8°34	27°20	26°34	8°56	10°41	S 4
M 5	8 58 34	15°19'28	4°57	4°17	11°3	24°30	15°58	20°31	4°21	4°53	8°33	27°15	26°31	9°3	10°38	M 5
T 6	9 2 30	16°20'28	17°47	3°25	12°19	24°22	16°12	20°27	4°18	4°54	8°33	27°7	26°28	9°9	10°35	T 6
W 7	9 6 27	17°21'28	0°59	2°41	13°34	24°13	16°25	20°23	4°16	4°55	8°33	26°56	26°25	9°16	10°32	W 7
T 8	9 10 23	18°22'26	14°31	2°6	14°50	24°3	16°39	20°20	4°13	4°56	8°32	26°44	26°22	9°23	10°29	T 8
F 9	9 14 20	19°23'24	28°23	1°40	16°5	23°52	16°53	20°16	4°11	4°57	8°32	26°31	26°18	9°29	10°26	F 9
S 10	9 18 16	20°24'20	12°28	1°23	17°20	23°40	17°6	20°12	4°8	4°58	8°32	26°18	26°15	9°36	10°24	S 10
S 11	9 22 13	21°25'16	26°42	1°14	18°36	23°28	17°20	20°8	4°6	4°58	8°32	26°8	26°12	9°43	10°21	S 11
M12	9 26 9	22°26'10	10°59	1°D14	19°51	23°15	17°34	20°4	4°3	4°59	8°31	26°1	26°9	9°49	10°19	M12
T13	9 30 6	23°27'03	25°16	1°20	21°6	23°1	17°48	20°0	4°1	5°0	8°31	25°56	26°6	9°56	10°16	T13
W14	9 34 3	24°27'55	9°28	1°34	22°22	22°46	18°2	19°56	3°58	5°1	8°31	25°54	26°3	10°3	10°14	W14
T15	9 37 59	25°28'45	23°35	1°54	23°37	22°31	18°16	19°52	3°56	5°2	8°31	25°54	25°59	10°9	10°11	T15
F16	9 41 56	26°29'34	7°35	2°20	24°52	22°15	18°30	19°48	3°54	5°2	8°31	25°54	25°56	10°16	10°9	F16
S17	9 45 52	27°30'22	21°28	2°52	26°8	21°58	18°44	19°44	3°51	5°3	8°31	25°52	25°53	10°23	10°7	S17
S18	9 49 49	28°31'08	5°13	3°28	27°23	21°41	18°58	19°39	3°49	5°3	8°30	25°49	25°50	10°29	10°5	S18
M19	9 53 45	29°31'53	18°51	4°9	28°38	21°22	19°12	19°35	3°47	5°4	8°30	25°42	25°47	10°36	10°3	M19
T20	9 57 42	0°32'36	2°20	4°54	29°54	21°4	19°26	19°31	3°44	5°5	8°30	25°33	25°44	10°43	10°1	T20
W21	10 1 38	1°33'18	15°38	5°43	1°9	20°45	19°40	19°26	3°42	5°5	8°30	25°21	25°40	10°49	9°59	W21
T22	10 5 35	2°33'59	28°44	6°36	2°24	20°25	19°55	19°22	3°40	5°6	8°D30	25°7	25°37	10°56	9°57	T22
F23	10 9 32	3°34'38	11°35	7°31	3°39	20°4	20°9	19°17	3°38	5°6	8°30	24°53	25°34	11°3	9°55	F23
S24	10 13 28	4°35'16	24°11	8°30	4°55	19°43	20°23	19°13	3°36	5°6	8°30	24°41	25°31	11°9	9°53	S24
S25	10 17 25	5°35'52	6°33	9°31	6°10	19°22	20°37	19°8	3°34	5°7	8°30	24°30	25°28	11°16	9°52	S25
M26	10 21 21	6°36'28	18°41	10°35	7°25	19°0	20°52	19°3	3°32	5°7	8°30	24°23	25°24	11°22	9°50	M26
T27	10 25 18	7°37'02	0°38	11°42	8°40	18°38	21°6	18°59	3°29	5°8	8°31	24°18	25°21	11°29	9°49	T27
W28	10 29 14	8°37'35	12°28	12°50	9°55	18°16	21°20	18°54	3°27	5°8	8°J31	24°15	25°18	11°36	9°47	W28

Day	☉	☾	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	17s20	17s37	0s58	14s41	3n24	19s32	0s52	5n30	3n48	6s46	0s59	5n30	1n59	19n39	0n36	19s25	1n38	8n35	13s14	19s30	19s22	15s50	15n51	7s5	5s5
F 2	17 4	19 38	0n 5	14 56	3 29	19 15	0 54	5 33	3 49	6 41	0 59	5 31	2 0	19 40	0 36	19 25	1 38	8 35	13 13	19 30	19 21	15 52	15 52	7 5	5 5
S 3	16 46	20 47	1 8	15 11	3 32	18 58	0 56	5 37	3 51	6 36	0 59	5 32	2 0	19 41	0 36	19 25	1 38	8 35	13 13	19 30	19 20	15 53	15 52	7 4	5 4
S 4	16 29	21 0	2 9	15 27	3 32	18 39	0 58	5 41	3 53	6 31	0 59	5 34	2 0	19 41	0 36	19 25	1 38	8 35	13 13	19 30	19 19	15 54	15 53	7 4	5 4
M 5	16 11	20 11	3 5	15 43	3 30	18 21	0 59	5 46	3 54	6 26	0 59	5 36	2 0	19 42	0 36	19 25	1 38	8 36	13 13	19 29	19 19	15 56	15 53	7 4	5 4
T 6	15 53	18 19	3 53	15 59	3 26	18 1	1 1	5 51	3 56	6 20	0 59	5 37	2 0	19 42	0 36	19 25	1 38	8 36	13 12	19 27	19 18	15 57	15 54	7 3	5 3
W 7	15 35	15 28	4 31	16 15	3 20	17 42	1 3	5 56	3 58	6 15	0 59	5 39	2 1	19 43	0 36	19 26	1 39	8 36	13 12	19 24	19 17	15 58	15 54	7 3	5 3
T 8	15 16	11 44	4 54	16 30	3 12	17 21	1 4	6 1	3 59	6 10	0 59	5 40	2 1	19 44	0 36	19 26	1 39	8 36	13 12	19 21	19 16	16 0	15 55	7 3	5 3
F 9	14 57	7 18	5 0	16 44	3 4	17 1	1 6	6 7	4 1	6 4	0 59	5 42	2 1	19 44	0 36	19 26	1 39	8 37	13 11	19 18	19 16	16 1	15 56	7 3	5 3
S 10	14 38	2 24	4 49	16 57	2 54	16 39	1 7	6 13	4 2	5 59	0 59	5 44	2 1	19 45	0 36	19 26	1 39	8 37	13 11	19 16	19 15	16 2	15 56	7 2	5 2
S 11	14 19	2n40	4 19	17 9	2 44	16 18	1 9	6 19	4 3	5 54	0 59	5 45	2 1	19 45	0 36	19 26	1 39	8 37	13 11	19 13	19 14	16 4	15 57	7 2	5 2
M12	13 59	7 37	3 34	17 19	2 33	15 55	1 10	6 25	4 5	5 48	0 59	5 47	2 2	19 46	0 36	19 26	1 39	8 37	13 11	19 11	19 13	16 5	15 57	7 1	5 1
T13	13 39	12 8	2 34	17 29	2 22	15 33	1 12	6 32	4 6	5 43	0 59	5 49	2 2	19 47	0 36	19 26	1 39	8 38	13 10	19 10	19 13	16 6	15 58	7 1	5 1
W14	13 19	15 57	1 26	17 37	2 11	15 10	1 13	6 39	4 7	5 37	0 59	5 51	2 2	19 47	0 36	19 26	1 39	8 38	13 10	19 10	19 12	16 8	15 58	7 1	5 1
T15	12 59	18 48	0 12	17 44	1 59	14 46	1 14	6 46	4 8	5 32	0 59	5 52	2 2	19 48	0 36	19 26	1 39	8 38	13 10	19 10	19 11	16 9	15 59	7 0	5 0
F16	12 39	20 29	1s 1	17 50	1 47	14 22	1 15	6 53	4 9	5 26	0 59	5 54	2 2	19 48	0 36	19 26	1 39	8 39	13 9	19 10	19 10	16 10	15 59	7 0	5 0
S17	12 18	20 54	2 11	17 54	1 36	13 58	1 17	7 1	4 10	5 21	0 59	5 56	2 2	19 49	0 36	19 26	1 39	8 39	13 9	19 9	19 10	16 11	16 0	7 0	5 0
S 18	11 57	20 4	3 12	17 57	1 24	13 33	1 18	7 9	4 11	5 15	0 59	5 58	2 3	19 49	0 36	19 27	1 39	8 39	13 9	19 9	19 9	16 13	16 0	6 59	6 59
M19	11 36	18 3	4 1	17 59	1 12	13 8	1 19	7 16	4 12	5 10	0 59	6 0	2 3	19 50	0 36	19 27	1 39	8 39	13 8	19 7	19 8	16 14	16 1	6 59	6 59
T20	11 15	15 5	4 36	17 59	1 1	12 43	1 20	7 25	4 13	5 4	0 59	6 1	2 3	19 50	0 36	19 27	1 39	8 40	13 8	19 5	19 7	16 15	16 2	6 58	6 58
W21	10 53	11 22	4 56	17 58	0 50	12 17	1 20	7 33	4 14	4 59	0 59	6 3	2 3	19 51	0 36	19 27	1 39	8 40	13 8	19 2	19 7	16 17	16 2	6 58	6 58
T22	10 31	7 11	5 0	17 56	0 39	11 51	1 21	7 41	4 14	4 53	0 59	6 5	2 3	19 51	0 36	19 27	1 39	8 40	13 7	18 59	19 6	16 18	16 3	6 57	6 57
F23	10 10	2 45	4 48	17 52	0 28	11 25	1 22	7 50	4 15	4 48	0 59	6 7	2 3	19 52	0 36	19 27	1 39	8 41	13 7	18 55	19 5	16 19	16 3	6 57	6 57
S24	9 48	1s43	4 22	17 47	0 18	10 58	1 23	7 58	4 15	4 42	0 59	6 9	2 4	19 52	0 36	19 27	1 39	8 41	13 7	18 52	19 4	16 20	16 4	6 57	6 57
S 25	9 26	6 1	3 44	17 41	0 8	10 31	1 23	8 7	4 16	4 36	0 59	6 11	2 4	19 53	0 36	19 27	1 39	8 41	13 7	18 50	19 4	16 22	16 4	6 56	6 56
M26	9 3	10 1	2 57	17 33	0s 2	10 4	1 24	8 16	4 16	4 31	0 59	6 13	2 4	19 53	0 36	19 27	1 40	8 42	13 6	18 48	19 3	16 23	16 5	6 56	6 56
T27	8 41	13 33	2 2	17 24	0 11	9 36	1 25	8 25	4 16	4 25	0 59	6 15	2 4	19 54	0 36	19 27	1 40	8 42	13 6	18 47	19 2	16 24	16 6	6 55	6 55
W28	8s18	16s31	1s 2	17s14	0s21	9s 8	1s25	8n34	4n16	4s19	0s59	6n17	2n 4	19n54	0n36	19s27	1n40	8n42	13s 6	18s46	19s 1	16s25	16n 6	6s55	6s55

Julian Day Number = 2680582.5, Delta T = 22m00s  
 Ecliptic obliquity = 23°21'23, Nutation = 0°00'16  
 Ayanamsha: Fagan/Bradley = 33°30'42, Lahiri = 32°37'42

## ASTRODIENST EPHEMERIS for the year 2627

MARCH 2627

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 33 11	9°38'06	24°15	14°00	11°11	17°R53	21°35	18°R49	3°R26	5°R 8	8°R31	24°D15	25°M15	11°M42	9°R46	T 1
F 2	10 37 7	10°38'37	6°R 4	15°13	12°26	17°M30	21°49	18°M45	3°M24	5° 8	8°31	24°R15	25° 12	11°49	9°M45	F 2
S 3	10 41 4	11°39'06	18° 2	16°27	13°41	17° 6	22° 3	18°40	3°22	5° 8	8°31	24°M15	25° 9	11°56	9°44	S 3
S 4	10 45 0	12°39'34	0°R14	17°43	14°56	16°43	22°18	18°35	3°20	5° 9	8°31	24°13	25° 5	12° 2	9°43	S 4
M 5	10 48 57	13°40'01	12°44	19° 0	16°11	16°19	22°32	18°30	3°18	5° 9	8°32	24°10	25° 2	12° 9	9°42	M 5
T 6	10 52 54	14°40'26	25°37	20°19	17°26	15°55	22°47	18°25	3°16	5° 9	8°32	24° 3	24°59	12°16	9°41	T 6
W 7	10 56 50	15°40'50	8°R55	21°39	18°41	15°31	23° 1	18°21	3°14	5° 9	8°32	23°55	24°56	12°22	9°40	W 7
T 8	11 0 47	16°41'13	22°40	23° 1	19°56	15° 7	23°16	18°16	3°13	5°R 9	8°32	23°45	24°53	12°29	9°39	T 8
F 9	11 4 43	17°41'34	6°R48	24°24	21°12	14°44	23°30	18°11	3°11	5° 9	8°33	23°33	24°50	12°36	9°39	F 9
S 10	11 8 40	18°41'53	21°16	25°48	22°27	14°20	23°45	18° 6	3° 9	5° 9	8°33	23°23	24°46	12°42	9°38	S 10
S 11	11 12 36	19°42'11	5°R56	27°14	23°42	13°56	23°59	18° 1	3° 8	5° 9	8°34	23°14	24°43	12°49	9°38	S 11
M12	11 16 33	20°42'26	20°40	28°40	24°57	13°33	24°14	17°56	3° 6	5° 9	8°34	23° 8	24°40	12°56	9°37	M12
T 13	11 20 29	21°42'40	5°R22	0°R 8	26°12	13° 9	24°28	17°52	3° 5	5° 8	8°34	23° 4	24°37	13° 2	9°37	T 13
W14	11 24 26	22°42'52	19°54	1°38	27°27	12°46	24°43	17°47	3° 3	5° 8	8°35	23°D 3	24°34	13° 9	9°37	W14
T 15	11 28 23	23°43'02	4°R15	3° 8	28°42	12°24	24°58	17°42	3° 2	5° 8	8°35	23° 3	24°30	13°15	9°37	T 15
F 16	11 32 19	24°43'10	18°20	4°39	29°57	12° 1	25°12	17°37	3° 1	5° 8	8°36	23°R 4	24°27	13°22	9°D37	F 16
S 17	11 36 16	25°43'16	2°R10	6°12	1°R11	11°40	25°27	17°32	2°59	5° 7	8°36	23° 4	24°24	13°29	9°37	S 17
S 18	11 40 12	26°43'20	15°45	7°46	2°26	11°18	25°41	17°28	2°58	5° 7	8°37	23° 2	24°21	13°35	9°37	S 18
M19	11 44 9	27°43'22	29° 6	9°20	3°41	10°57	25°56	17°23	2°57	5° 7	8°37	22°58	24°18	13°42	9°37	M19
T 20	11 48 5	28°43'21	12°R14	10°56	4°56	10°36	26°10	17°18	2°56	5° 6	8°38	22°51	24°15	13°49	9°37	T 20
W21	11 52 2	29°43'18	25°10	12°33	6°11	10°16	26°25	17°14	2°55	5° 6	8°38	22°43	24°11	13°55	9°38	W21
T 22	11 55 58	0°R43'14	7°R53	14°12	7°26	9°57	26°39	17° 9	2°54	5° 5	8°39	22°33	24° 8	14° 2	9°38	T 22
F 23	11 59 55	1°43'07	20°25	15°51	8°41	9°38	26°54	17° 4	2°53	5° 5	8°39	22°24	24° 5	14° 9	9°39	F 23
S 24	12 3 52	2°42'58	2°R46	17°32	9°55	9°20	27° 8	17° 0	2°52	5° 4	8°40	22°15	24° 2	14°15	9°39	S 24
S 25	12 7 48	3°42'48	14°56	19°13	11°10	9° 2	27°23	16°55	2°51	5° 4	8°41	22° 7	23°59	14°22	9°40	S 25
M26	12 11 45	4°42'35	26°56	20°56	12°25	8°45	27°37	16°51	2°50	5° 3	8°41	22° 2	23°55	14°29	9°41	M26
T 27	12 15 41	5°42'21	8°R49	22°40	13°40	8°29	27°52	16°46	2°49	5° 3	8°42	21°59	23°52	14°35	9°42	T 27
W28	12 19 38	6°42'05	20°38	24°26	14°54	8°13	28° 6	16°42	2°48	5° 2	8°43	21°D58	23°49	14°42	9°43	W28
T 29	12 23 34	7°41'47	2°R24	26°12	16° 9	7°58	28°21	16°37	2°48	5° 1	8°44	21°58	23°46	14°48	9°44	T 29
F 30	12 27 31	8°41'28	14°14	28° 0	17°24	7°44	28°35	16°33	2°47	5° 1	8°44	21°59	23°43	14°55	9°45	F 30
S 31	12 31 27	9°R41'07	26°R11	29°R49	18°R38	7°R31	28°R50	16°R29	2°R46	5°R 0	8°R45	22°M 1	23°M40	15°M 2	9°R46	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	7s56	18s46	0n 0	17s 2	0s29	8s40	1s25	8n42	4n16	4s14	0s59	6n19	2n 4	19n55	0n36	T 1
F 2	7 33	20 13	1 3	16 49	0 38	8 12	1 26	8 51	4 16	4 8	0 59	6 21	2 4	19 55	0 36	F 2
S 3	7 10	20 47	2 3	16 35	0 46	7 43	1 26	9 0	4 16	4 2	0 59	6 23	2 4	19 56	0 36	S 3
S 4	6 47	20 22	2 59	16 20	0 54	7 15	1 26	9 9	4 16	3 57	0 59	6 25	2 4	19 56	0 36	S 4
M 5	6 24	18 58	3 48	16 3	1 2	6 46	1 26	9 18	4 15	3 51	0 59	6 27	2 5	19 56	0 36	M 5
T 6	6 1	16 34	4 27	15 45	1 9	6 17	1 27	9 27	4 15	3 45	0 59	6 29	2 5	19 57	0 36	T 6
W 7	5 38	13 15	4 53	15 26	1 16	5 47	1 27	9 36	4 14	3 40	0 59	6 31	2 5	19 57	0 36	W 7
T 8	5 14	9 8	5 3	15 6	1 22	5 18	1 27	9 44	4 13	3 34	0 59	6 32	2 5	19 58	0 36	T 8
F 9	4 51	4 24	4 55	14 44	1 28	4 48	1 26	9 53	4 13	3 28	0 59	6 34	2 5	19 58	0 36	F 9
S 10	4 27	0n40	4 28	14 21	1 34	4 19	1 26	10 1	4 12	3 23	0 59	6 36	2 5	19 58	0 36	S 10
S 11	4 4	5 46	3 44	13 57	1 40	3 49	1 26	10 9	4 11	3 17	0 59	6 38	2 5	19 59	0 36	S 11
M12	3 40	10 34	2 44	13 32	1 45	3 19	1 26	10 17	4 9	3 11	0 59	6 40	2 5	19 59	0 36	M12
T 13	3 17	14 44	1 33	13 5	1 49	2 49	1 25	10 25	4 8	3 5	0 59	6 42	2 5	19 59	0 36	T 13
W14	2 53	17 55	0 17	12 38	1 54	2 19	1 25	10 33	4 7	3 0	0 59	6 44	2 5	20 0	0 36	W14
T 15	2 29	19 57	1s 0	12 9	1 58	1 49	1 24	10 40	4 5	2 54	0 59	6 46	2 5	20 0	0 36	T 15
F 16	2 5	20 40	2 11	11 39	2 1	1 18	1 24	10 47	4 4	2 48	0 59	6 48	2 5	20 0	0 36	F 16
S 17	1 42	20 7	3 14	11 8	2 4	0 48	1 23	10 54	4 2	2 43	0 59	6 50	2 5	20 0	0 36	S 17
S 18	1 18	18 23	4 4	10 36	2 7	0 18	1 23	11 1	4 1	2 37	0 59	6 52	2 5	20 1	0 36	S 18
M19	0 54	15 42	4 40	10 3	2 10	0n12	1 22	11 7	3 59	2 31	0 59	6 54	2 5	20 1	0 36	M19
T 20	0 30	12 15	5 1	9 28	2 12	0 43	1 21	11 13	3 57	2 25	0 59	6 55	2 5	20 1	0 36	T 20
W21	0 7	8 17	5 6	8 53	2 13	1 13	1 20	11 19	3 55	2 20	0 59	6 57	2 5	20 1	0 36	W21
T 22	0n17	4 0	4 55	8 16	2 14	1 43	1 19	11 25	3 53	2 14	0 59	6 59	2 5	20 2	0 36	T 22
F 23	0 41	0s22	4 31	7 38	2 15	2 14	1 18	11 30	3 51	2 8	0 59	7 1	2 5	20 2	0 36	F 23
S 24	1 5	4 40	3 54	6 59	2 15	2 44	1 17	11 35	3 49	2 3	0 59	7 3	2 5	20 2	0 36	S 24
S 25	1 28	8 44	3 6	6 19	2 15	3 14	1 16	11 40	3 47	1 57	0 59	7 4	2 5	20 2	0 36	S 25
M26	1 52	12 23	2 11	5 39	2 15	3 44	1 15	11 44	3 45	1 51	0 59	7 6	2 5	20 2	0 36	M26
T 27	2 16	15 30	1 11	4 57	2 13	4 14	1 14	11 48	3 43	1 45	1 0	7 8	2 5	20 3	0 36	T 27
W28	2 39	17 58	0 7	4 14	2 12	4 44	1 12	11 52	3 40	1 40	1 0	7 10	2 5	20 3	0 36	W28
T 29	3 3	19 39	0n56	3 30	2 10	5 14	1 11	11 55	3 38	1 34	1 0	7 11	2 5	20 3	0 36	T 29
F 30	3 26	20 28	1 58	2 45	2 7	5 44	1 10	11 58	3 36	1 28	1 0	7 13	2 5	20 3	0 36	F 30
S 31	3n49	20s23	2n55	1s59	2s 4	6n13	1s 8	12n 1	3n33	1s23	1s 0	7n15	2n 5	20n 3	0n36	S 31

Julian Day Number = 2680610.5, Delta T = 22m00s

Ecliptic obliquity = 23°21'23, Nutation = 0°00'15

Ayanamsha: Fagan/Bradley = 33°30'46, Lahiri = 32°37'46

## ASTRODIENST EPHEMERIS for the year 2627

APRIL 2627

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 35 24	10°40'44"	8°21'	1°39'	19°53'	7°18'	29°4'	16°25'	2°46'	4°59'	8°46'	22°R 2	23°36'	15°8'	9°547	S 1
M 2	12 39 20	11°40'19"	20°49'	3°31'	21° 7'	7°16'	29°18'	16°16'	2°45'	4°58'	8°47'	22°M 1	23°33'	15°15'	9°49	M 2
T 3	12 43 17	12°39'53"	3°38'	5°24'	22°22'	6°55'	29°33'	16°16'	2°45'	4°58'	8°47'	21°59'	23°30'	15°22'	9°50	T 3
W 4	12 47 14	13°39'25"	16°54'	7°18'	23°36'	6°45'	29°47'	16°12'	2°45'	4°57'	8°48'	21°56'	23°27'	15°28'	9°52	W 4
T 5	12 51 10	14°38'55"	0°38'	9°13'	24°51'	6°35'	0°1'	16° 8'	2°44'	4°56'	8°49'	21°51'	23°24'	15°35'	9°53	T 5
F 6	12 55 7	15°38'23"	14°49'	11°10'	26° 5'	6°26'	0°16'	16° 5'	2°44'	4°55'	8°50'	21°45'	23°21'	15°42'	9°55	F 6
S 7	12 59 3	16°37'50"	29°25'	13° 7'	27°20'	6°18'	0°30'	16° 1'	2°44'	4°54'	8°51'	21°39'	23°17'	15°48'	9°57	S 7
S 8	13 3 0	17°37'15"	14°18'	15° 6'	28°34'	6°11'	0°44'	15°57'	2°44'	4°53'	8°52'	21°35'	23°14'	15°55'	9°59	S 8
M 9	13 6 56	18°36'37"	29°21'	17° 6'	29°49'	6° 4'	0°58'	15°53'	2°43'	4°52'	8°53'	21°32'	23°11'	16° 2'	10° 1'	M 9
T 10	13 10 53	19°35'58"	14°25'	19° 7'	1° 3'	5°59'	1°13'	15°50'	2°43'	4°51'	8°54'	21°D30	23° 8'	16° 8'	10° 3'	T 10
W 11	13 14 49	20°35'16"	29°20'	21° 9'	2°18'	5°54'	1°27'	15°46'	2°D43	4°50'	8°54'	21°30'	23° 5'	16°15'	10° 5'	W 11
T 12	13 18 46	21°34'33"	14°1'	23°12'	3°32'	5°50'	1°41'	15°43'	2°43'	4°49'	8°55'	21°31'	23° 1'	16°22'	10° 7'	T 12
F 13	13 22 43	22°33'47"	28°22'	25°16'	4°46'	5°46'	1°55'	15°39'	2°44'	4°48'	8°56'	21°33'	22°58'	16°28'	10° 9'	F 13
S 14	13 26 39	23°32'59"	12°21'	27°19'	6° 1'	5°44'	2° 9'	15°36'	2°44'	4°47'	8°57'	21°34'	22°55'	16°35'	10°11'	S 14
S 15	13 30 36	24°32'08"	25°58'	29°24'	7°15'	5°42'	2°23'	15°33'	2°44'	4°46'	8°58'	21°R34	22°52'	16°41'	10°14'	S 15
M 16	13 34 32	25°31'15"	9°15'	1°28'	8°29'	5°41'	2°37'	15°30'	2°44'	4°45'	8°59'	21°34'	22°49'	16°48'	10°16'	M 16
T 17	13 38 29	26°30'20"	22°13'	3°32'	9°43'	5°D41	2°51'	15°27'	2°44'	4°43'	9° 0'	21°32'	22°46'	16°55'	10°19'	T 17
W 18	13 42 25	27°29'22"	4°14'	5°36'	10°58'	5°41'	3° 5'	15°24'	2°45'	4°42'	9° 1'	21°29'	22°42'	17° 1'	10°21'	W 18
T 19	13 46 22	28°28'23"	17°22'	7°39'	12°12'	5°42'	3°19'	15°21'	2°45'	4°41'	9° 3'	21°25'	22°39'	17° 8'	10°24'	T 19
F 20	13 50 18	29°27'21"	29°38'	9°41'	13°26'	5°44'	3°33'	15°18'	2°46'	4°40'	9° 4'	21°22'	22°36'	17°15'	10°27'	F 20
S 21	13 54 15	0°26'17"	11°44'	11°41'	14°40'	5°47'	3°46'	15°15'	2°46'	4°38'	9° 5'	21°18'	22°33'	17°21'	10°30'	S 21
S 22	13 58 12	1°25'11"	23°43'	13°39'	15°54'	5°50'	4° 0'	15°13'	2°47'	4°37'	9° 6'	21°15'	22°30'	17°28'	10°33'	S 22
M 23	14 2 8	2°24'02"	5°136'	15°36'	17° 8'	5°54'	4°14'	15°10'	2°48'	4°36'	9° 7'	21°14'	22°27'	17°35'	10°36'	M 23
T 24	14 6 5	3°22'52"	17°25'	17°30'	18°22'	5°59'	4°27'	15° 8'	2°48'	4°35'	9° 8'	21°D13	22°23'	17°41'	10°39'	T 24
W 25	14 10 1	4°21'41"	29°12'	19°21'	19°36'	6° 4'	4°41'	15° 5'	2°49'	4°33'	9° 9'	21°13'	22°20'	17°48'	10°42'	W 25
T 26	14 13 58	5°20'27"	11°1'	21° 9'	20°50'	6°10'	4°55'	15° 3'	2°50'	4°32'	9°10'	21°14'	22°17'	17°55'	10°45'	T 26
F 27	14 17 54	6°19'11"	22°53'	22°53'	22° 4'	6°17'	5° 8'	15° 1'	2°51'	4°31'	9°11'	21°15'	22°14'	18° 1'	10°48'	F 27
S 28	14 21 51	7°17'54"	4°53'	24°34'	23°18'	6°24'	5°21'	14°59'	2°52'	4°29'	9°13'	21°16'	22°11'	18° 8'	10°52'	S 28
S 29	14 25 47	8°16'35"	17° 5'	26°10'	24°32'	6°32'	5°35'	14°57'	2°52'	4°28'	9°14'	21°18'	22° 7'	18°14'	10°55'	S 29
M 30	14 29 44	9°15'15"	29°32'	27°43'	25°45'	6°140'	5°48'	14°55'	2°53'	4°26'	9°15'	21°18'	22° 4'	18°14'	10°58'	M 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	4n13	19s20	3n46	1s12	2s 1	6n43	1s 7	12n 4	3n31	1s17	1s 0	7n16	2n 5	20n 3	0n36	19s24
M 2	4 36	17 21	4 27	0 24	1 57	7 12	1 5	12 6	3 29	1 11	1 0	7 18	2 5	20 3	0 36	19 23
T 3	4 59	14 29	4 56	0n25	1 53	7 41	1 4	12 8	3 26	1 6	1 0	7 19	2 5	20 3	0 36	19 23
W 4	5 22	10 47	5 10	1 14	1 48	8 10	1 2	12 9	3 24	1 0	1 0	7 21	2 5	20 3	0 36	19 23
T 5	5 45	6 24	5 8	2 5	1 42	8 39	1 0	12 11	3 21	0 55	1 0	7 22	2 5	20 3	0 36	19 23
F 6	6 8	1 33	4 47	2 56	1 36	9 8	0 59	12 12	3 19	0 49	1 0	7 24	2 5	20 4	0 36	19 23
S 7	6 31	3n33	4 7	3 47	1 30	9 36	0 57	12 12	3 16	0 43	1 0	7 25	2 5	20 4	0 36	19 22
S 8	6 54	8 32	3 9	4 40	1 22	10 4	0 55	12 13	3 13	0 38	1 0	7 27	2 5	20 4	0 36	19 22
M 9	7 16	13 3	1 58	5 32	1 15	10 32	0 53	12 13	3 11	0 32	1 0	7 28	2 5	20 4	0 36	19 22
T 10	7 39	16 44	0 39	6 26	1 7	11 0	0 51	12 12	3 8	0 27	1 0	7 29	2 5	20 4	0 35	19 22
W 11	8 1	19 14	0s43	7 19	0 58	11 28	0 49	12 12	3 6	0 21	1 1	7 31	2 5	20 4	0 35	19 22
T 12	8 23	20 25	2 0	8 13	0 49	11 55	0 47	12 11	3 3	0 16	1 1	7 32	2 5	20 3	0 35	19 21
F 13	8 45	20 12	3 9	9 7	0 40	12 22	0 45	12 10	3 1	0 10	1 1	7 33	2 5	20 3	0 35	19 21
S 14	9 7	18 44	4 4	10 1	0 30	12 48	0 43	12 8	2 58	0 5	1 1	7 34	2 5	20 3	0 35	19 21
S 15	9 29	16 14	4 44	10 54	0 20	13 14	0 41	12 7	2 56	0n 1	1 1	7 35	2 4	20 3	0 35	19 21
M 16	9 50	12 56	5 7	11 48	0 10	13 40	0 39	12 5	2 53	0 6	1 1	7 37	2 4	20 3	0 35	19 20
T 17	10 11	9 6	5 14	12 40	0n 1	14 6	0 36	12 3	2 51	0 12	1 1	7 38	2 4	20 3	0 35	19 20
W 18	10 33	4 56	5 6	13 32	0 12	14 31	0 34	12 0	2 48	0 17	1 1	7 39	2 4	20 3	0 35	19 20
T 19	10 54	0 38	4 43	14 23	0 23	14 56	0 32	11 57	2 46	0 23	1 1	7 40	2 4	20 3	0 35	19 20
F 20	11 15	3s38	4 7	15 12	0 34	15 21	0 30	11 54	2 43	0 28	1 1	7 41	2 4	20 3	0 35	19 20
S 21	11 35	7 43	3 21	16 1	0 46	15 45	0 27	11 51	2 41	0 33	1 1	7 42	2 4	20 3	0 35	19 19
S 22	11 56	11 26	2 26	16 47	0 57	16 9	0 25	11 48	2 38	0 39	1 2	7 43	2 4	20 2	0 35	19 19
M 23	12 16	14 41	1 25	17 32	1 8	16 32	0 23	11 44	2 36	0 44	1 2	7 43	2 4	20 2	0 35	19 19
T 24	12 36	17 18	0 21	18 15	1 18	16 55	0 20	11 40	2 33	0 49	1 2	7 44	2 4	20 2	0 35	19 18
W 25	12 56	19 12	0n44	18 56	1 29	17 17	0 18	11 36	2 31	0 54	1 2	7 45	2 3	20 2	0 35	19 18
T 26	13 15	20 14	1 48	19 34	1 39	17 39	0 15	11 31	2 29	1 0	1 2	7 46	2 3	20 2	0 35	19 18
F 27	13 35	20 23	2 47	20 10	1 48	18 1	0 13	11 27	2 26	1 5	1 2	7 47	2 3	20 1	0 35	19 18
S 28	13 54	19 37	3 39	20 44	1 57	18 22	0 10	11 22	2 24	1 10	1 2	7 47	2 3	20 1	0 35	19 17
S 29	14 13	17 55	4 23	21 16	2 5	18 43	0 8	11 17	2 22	1 15	1 2	7 48	2 3	20 1	0 35	19 17
M 30	14n32	15s22	4n55	21n44	2n13	19n 3	0s 5	11n12	2n19	1n20	1s 2	7n48	2n 3	20n 1	0n35	19s17

Julian Day Number = 2680641.5, Delta T = 22m01s

Ecliptic obliquity = 23°21'23", Nutation = 0°00'14"

Ayanamsha: Fagan/Bradley = 33°30'50", Lahiri = 32°37'50"

## ASTRODIENST EPHEMERIS for the year 2627

MAY 2627

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 33 41	10°13'52	12°18'18	29°11'59	26°59'59	6°49'49	6°1'1	14°R54	2°55'55	4°R25	9°11'16	21°R19	22°1'1	18°M28	11°2'2	T 1
W 2	14 37 37	11°12'28	25°28'48	0°11'33	28°13'13	6°59'59	6°15'15	14°11'50	2°56'56	4°27'23	9°17'17	21°M18	21°58'58	18°34'34	11°6'6	W 2
T 3	14 41 34	12°11'03	9°11'34	1°53'53	29°27'27	7°9'9	6°28'28	14°50'50	2°57'57	4°22'22	9°19'19	21°17'17	21°55'55	18°41'41	11°9'9	T 3
F 4	14 45 30	13°9'36	23°7'7	3°7'7	0°11'41	7°20'20	6°41'41	14°49'49	2°58'58	4°20'20	9°20'20	21°17'17	21°52'52	18°48'48	11°13'13	F 4
S 5	14 49 27	14°8'07	7°13'36	4°16'16	1°54'54	7°31'31	6°54'54	14°48'48	2°59'59	4°19'19	9°21'21	21°16'16	21°48'48	18°54'54	11°17'17	S 5
S 6	14 53 23	15°6'36	22°27'27	5°20'20	3°8'8	7°43'43	7°7'7	14°46'46	3°1'1	4°17'17	9°22'22	21°15'15	21°45'45	19°1'1	11°21'21	S 6
M 7	14 57 20	16°5'04	7°18'32	6°19'19	4°22'22	7°55'55	7°20'20	14°45'45	3°2'2	4°16'16	9°24'24	21°15'15	21°42'42	19°8'8	11°24'24	M 7
T 8	15 1 16	17°3'30	22°44'44	7°13'13	5°35'35	8°8'8	7°33'33	14°44'44	3°3'3	4°14'14	9°25'25	21°D14	21°39'39	19°14'14	11°28'28	T 8
W 9	15 5 13	18°1'55	7°11'53	8°2'2	6°49'49	8°22'22	7°45'45	14°43'43	3°5'5	4°13'13	9°26'26	21°15'15	21°36'36	19°21'21	11°32'32	W 9
T 10	15 9 10	19°0'17	22°49'49	8°45'45	8°3'3	8°36'36	7°58'58	14°42'42	3°6'6	4°11'11	9°27'27	21°15'15	21°32'32	19°28'28	11°36'36	T 10
F 11	15 13 6	19°58'38	7°52'27	9°22'22	9°16'16	8°50'50	8°11'11	14°42'42	3°8'8	4°10'10	9°29'29	21°15'15	21°29'29	19°34'34	11°41'41	F 11
S 12	15 17 3	20°56'56	21°40'40	9°55'55	10°30'30	9°5'5	8°23'23	14°41'41	3°10'10	4°8'8	9°30'30	21°R15	21°26'26	19°41'41	11°45'45	S 12
S 13	15 20 59	21°55'13	5°12'27	10°22'22	11°43'43	9°21'21	8°36'36	14°41'41	3°11'11	4°7'7	9°31'31	21°15'15	21°23'23	19°48'48	11°49'49	S 13
M14	15 24 56	22°53'27	18°48'48	10°43'43	12°57'57	9°37'37	8°48'48	14°40'40	3°13'13	4°5'5	9°33'33	21°D15	21°20'20	19°54'54	11°53'53	M14
T 15	15 28 52	23°51'40	1°11'45	10°59'59	14°10'10	9°53'53	9°1'1	14°40'40	3°15'15	4°3'3	9°34'34	21°15'15	21°17'17	20°1'1	11°58'58	T 15
W16	15 32 49	24°49'50	14°22'22	11°10'10	15°23'23	10°10'10	9°13'13	14°40'40	3°16'16	4°2'2	9°35'35	21°15'15	21°13'13	20°7'7	12°2'2	W16
T 17	15 36 45	25°47'58	26°42'42	11°15'15	16°37'37	10°27'27	9°25'25	14°D40	3°18'18	4°0'0	9°37'37	21°16'16	21°10'10	20°14'14	12°6'6	T 17
F 18	15 40 42	26°46'05	8°42'48	11°R15	17°50'50	10°45'45	9°37'37	14°40'40	3°20'20	3°59'59	9°38'38	21°16'16	21°7'7	20°21'21	12°11'11	F 18
S 19	15 44 39	27°44'09	20°46'46	11°10'10	19°3'3	11°3'3	9°49'49	14°40'40	3°22'22	3°57'57	9°39'39	21°17'17	21°4'4	20°27'27	12°15'15	S 19
S 20	15 48 35	28°42'12	2°11'37	11°1'1	20°17'17	11°21'21	10°1'1	14°40'40	3°24'24	3°55'55	9°40'40	21°17'17	21°1'1	20°34'34	12°20'20	S 20
M21	15 52 32	29°40'14	14°25'25	10°46'46	21°30'30	11°40'40	10°13'13	14°41'41	3°26'26	3°54'54	9°42'42	21°18'18	20°58'58	20°41'41	12°25'25	M21
T 22	15 56 28	0°11'38'13	26°12'12	10°28'28	22°43'43	11°59'59	10°25'25	14°41'41	3°28'28	3°52'52	9°43'43	21°R18	20°54'54	20°47'47	12°29'29	T 22
W23	16 0 25	1°36'11	8°11'2	10°5'5	23°56'56	12°19'19	10°36'36	14°42'42	3°30'30	3°51'51	9°44'44	21°17'17	20°51'51	20°54'54	12°34'34	W23
T 24	16 4 21	2°34'08	19°55'55	9°40'40	25°9'9	12°39'39	10°48'48	14°42'42	3°32'32	3°49'49	9°46'46	21°16'16	20°48'48	21°1'1	12°39'39	T 24
F 25	16 8 18	3°32'03	1°13'55	9°11'11	26°22'22	12°59'59	10°59'59	14°43'43	3°35'35	3°47'47	9°47'47	21°15'15	20°45'45	21°7'7	12°44'44	F 25
S 26	16 12 14	4°29'57	14°3'3	8°40'40	27°35'35	13°20'20	11°11'11	14°44'44	3°37'37	3°46'46	9°49'49	21°13'13	20°42'42	21°14'14	12°48'48	S 26
S 27	16 16 11	5°27'49	26°22'22	8°7'7	28°48'48	13°41'41	11°22'22	14°45'45	3°39'39	3°44'44	9°50'50	21°11'11	20°38'38	21°21'21	12°53'53	S 27
M28	16 20 8	6°25'41	8°11'55	7°33'33	0°11'4	14°3'3	11°33'33	14°46'46	3°41'41	3°42'42	9°51'51	21°9'9	20°35'35	21°27'27	12°58'58	M28
T 29	16 24 4	7°23'30	21°44'44	6°58'58	1°14'14	14°24'24	11°45'45	14°47'47	3°44'44	3°41'41	9°53'53	21°8'8	20°32'32	21°34'34	13°3'3	T 29
W30	16 28 1	8°21'19	4°11'52	6°23'23	2°27'27	14°46'46	11°56'56	14°48'48	3°46'46	3°39'39	9°54'54	21°D7	20°29'29	21°40'40	13°8'8	W30
T 31	16 31 57	9°11'07	18°11'21	5°11'48	3°52'40	15°11'11	12°17'17	14°11'50	3°49'49	3°38'38	9°11'55	21°11'11	20°11'11	21°11'11	13°13'13	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	14n50	12s 1	5n14	22n11	2n20	19n22	0s 3	11n 6	2n17	1n26	1s 3	7n49	2n 3	20n 0	0n35	T 1
W 2	15 8	8 0	5 17	22 35	2 26	19 42	0 0	11 0	2 15	1 31	1 3	7 50	2 3	20 0	0 35	W 2
T 3	15 26	3 28	5 2	22 56	2 31	20 0	0n 2	10 55	2 13	1 36	1 3	7 50	2 2	20 0	0 35	T 3
F 4	15 44	1n25	4 30	23 15	2 35	20 18	0 5	10 49	2 11	1 41	1 3	7 50	2 2	20 0	0 35	F 4
S 5	16 2	6 22	3 40	23 31	2 38	20 36	0 8	10 42	2 8	1 46	1 3	7 51	2 2	19 59	0 35	S 5
S 6	16 19	11 5	2 33	23 45	2 41	20 53	0 10	10 36	2 6	1 51	1 3	7 51	2 2	19 59	0 35	S 6
M 7	16 36	15 10	1 16	23 57	2 42	21 9	0 13	10 29	2 4	1 56	1 3	7 52	2 2	19 59	0 35	M 7
T 8	16 52	18 15	0s 8	24 6	2 42	21 25	0 15	10 22	2 2	2 1	1 4	7 52	2 2	19 58	0 35	T 8
W 9	17 9	20 3	1 31	24 13	2 41	21 40	0 18	10 16	2 0	2 6	1 4	7 52	2 2	19 58	0 35	W 9
T 10	17 25	20 23	2 47	24 18	2 39	21 55	0 21	10 8	1 58	2 10	1 4	7 52	2 1	19 58	0 35	T 10
F 11	17 40	19 19	3 50	24 21	2 36	22 9	0 23	10 1	1 56	2 15	1 4	7 52	2 1	19 57	0 35	F 11
S 12	17 56	17 4	4 37	24 22	2 32	22 22	0 26	9 54	1 54	2 20	1 4	7 52	2 1	19 57	0 35	S 12
S 13	18 11	13 53	5 6	24 20	2 26	22 35	0 28	9 46	1 52	2 25	1 4	7 52	2 1	19 56	0 35	S 13
M14	18 26	10 6	5 18	24 17	2 20	22 47	0 31	9 38	1 50	2 30	1 4	7 52	2 1	19 56	0 35	M14
T 15	18 40	5 56	5 13	24 11	2 12	22 58	0 33	9 30	1 48	2 34	1 5	7 52	2 1	19 56	0 35	T 15
W16	18 55	1 38	4 53	24 4	2 3	23 9	0 36	9 22	1 46	2 39	1 5	7 52	2 1	19 55	0 35	W16
T 17	19 8	2s40	4 19	23 54	1 53	23 19	0 38	9 14	1 44	2 43	1 5	7 52	2 0	19 55	0 35	T 17
F 18	19 22	6 46	3 35	23 43	1 41	23 29	0 41	9 5	1 42	2 48	1 5	7 52	2 0	19 54	0 35	F 18
S 19	19 35	10 35	2 42	23 30	1 29	23 38	0 43	8 57	1 40	2 53	1 5	7 52	2 0	19 54	0 35	S 19
S 20	19 48	13 56	1 42	23 16	1 15	23 46	0 46	8 48	1 38	2 57	1 5	7 52	2 0	19 53	0 35	S 20
M21	20 1	16 43	0 38	22 59	1 1	23 53	0 48	8 39	1 36	3 2	1 5	7 51	2 0	19 53	0 34	M21
T 22	20 13	18 48	0n27	22 42	0 46	24 0	0 51	8 30	1 35	3 6	1 6	7 51	2 0	19 52	0 34	T 22
W23	20 25	20 4	1 32	22 23	0 30	24 6	0 53	8 21	1 33	3 10	1 6	7 51	2 0	19 52	0 34	W23
T 24	20 36	20 27	2 32	22 3	0 13	24 11	0 55	8 12	1 31	3 15	1 6	7 50	1 59	19 51	0 34	T 24
F 25	20 47	19 54	3 27	21 41	0s 4	24 16	0 58	8 2	1 29	3 19	1 6	7 50	1 59	19 51	0 34	F 25
S 26	20 58	18 26	4 13	21 19	0 21	24 20	1 0	7 53	1 28	3 23	1 6	7 49	1 59	19 50	0 34	S 26
S 27	21 8	16 6	4 47	20 57	0 39	24 23	1 2	7 43	1 26	3 28	1 7	7 49	1 59	19 50	0 34	S 27
M28	21 18	12 59	5 9	20 34	0 57	24 26	1 5	7 33	1 24	3 32	1 7	7 48	1 59	19 49	0 34	M28
T 29	21 28	9 13	5 16	20 11	1 14	24 28	1 7	7 23	1 23	3 36	1 7	7 48	1 59	19 48	0 34	T 29
W30	21 37	4 55	5 7	19 48	1 31	24 29	1 9	7 13	1 21	3 40	1 7	7 47	1 58	19 48	0 34	W30
T 31	21n46	0s16	4n42	19n25	1s48	24n29	1n11	7n 3	1n19	3n44	1s 7	7n46	1n58	19n47	0n34	T 31

Julian Day Number = 2680671.5, Delta T = 22m01s

Ecliptic obliquity = 23°21'23, Nutation = 0°00'13

Ayanamsha: Fagan/Bradley = 33°30'54, Lahiri = 32°37'54

## ASTRODIENST EPHEMERIS for the year 2627

JUNE 2627

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 35 54	10II16°54	2V13	5°R15	4553	15m32	12V17	14m51	3551	3°R36	9II57	21m 8	20m23	21m54	13518	F 1
S 2	16 39 50	11°14'39	16°28	4II44	6° 6	15°55	12°28	14°53	3°54	3°R34	9°58	21°10	20°19	22° 0	13°24	S 2
S 3	16 43 47	12°12'24	18 4	4°14	7°19	16°18	12°39	14°55	3°56	3°33	9°59	21°11	20°16	22° 7	13°29	S 3
M 4	16 47 43	13°10'07	15°57	3°48	8°31	16°42	12°49	14°56	3°59	3°31	10° 1	21°R12	20°13	22°14	13°34	M 4
T 5	16 51 40	14° 7'50	1II 1	3°24	9°44	17° 6	13° 0	14°58	4° 1	3°29	10° 2	21°11	20°10	22°20	13°39	T 5
W 6	16 55 37	15° 5'31	16° 7	3° 4	10°57	17°30	13°10	15° 0	4° 4	3°28	10° 3	21°10	20° 7	22°27	13°44	W 6
T 7	16 59 33	16° 3'12	156 6	2°48	12°10	17°54	13°20	15° 2	4° 7	3°26	10° 5	21° 8	20° 4	22°34	13°50	T 7
F 8	17 3 30	17° 0'51	15°50	2°36	13°22	18°19	13°30	15° 5	4°10	3°25	10° 6	21° 4	20° 0	22°40	13°55	F 8
S 9	17 7 26	17°58'28	0612	2°28	14°35	18°44	13°40	15° 7	4°12	3°23	10° 8	21° 1	19°57	22°47	14° 0	S 9
S 10	17 11 23	18°56'04	14° 8	2°D24	15°47	19°10	13°50	15° 9	4°15	3°22	10° 9	20°57	19°54	22°54	14° 6	S 10
M11	17 15 19	19°53'39	27°36	2°25	17° 0	19°35	14° 0	15°12	4°18	3°20	10°10	20°54	19°51	23° 0	14°11	M11
T 12	17 19 16	20°51'12	10m38	2°30	18°12	20° 1	14° 9	15°15	4°21	3°19	10°12	20°53	19°48	23° 7	14°17	T 12
W13	17 23 12	21°48'45	23°16	2°39	19°25	20°27	14°19	15°17	4°24	3°17	10°13	20°D52	19°44	23°13	14°22	W13
T 14	17 27 9	22°46'15	5234	2°53	20°37	20°54	14°28	15°20	4°27	3°15	10°14	20°53	19°41	23°20	14°28	T 14
F 15	17 31 6	23°43'45	17°38	3°12	21°50	21°20	14°38	15°23	4°30	3°14	10°16	20°54	19°38	23°27	14°33	F 15
S 16	17 35 2	24°41'13	29°31	3°35	23° 2	21°47	14°47	15°26	4°33	3°12	10°17	20°56	19°35	23°33	14°39	S 16
S 17	17 38 59	25°38'40	11m19	4° 2	24°14	22°14	14°56	15°29	4°36	3°11	10°18	20°57	19°32	23°40	14°44	S 17
M18	17 42 55	26°36'07	23° 6	4°34	25°26	22°42	15° 5	15°32	4°39	3°10	10°19	20°R58	19°29	23°47	14°50	M18
T 19	17 46 52	27°33'32	4755	5° 9	26°38	23° 9	15°13	15°35	4°42	3° 8	10°21	20°57	19°25	23°53	14°56	T 19
W20	17 50 48	28°30'56	16°50	5°49	27°51	23°37	15°22	15°39	4°45	3° 7	10°22	20°54	19°22	24° 0	15° 1	W20
T 21	17 54 45	29°28'19	28°52	6°33	29° 3	24° 5	15°30	15°42	4°48	3° 5	10°23	20°49	19°19	24° 7	15° 7	T 21
F 22	17 58 41	0525'42	1133	7°20	0615	24°33	15°39	15°46	4°51	3° 4	10°25	20°43	19°16	24°13	15°12	F 22
S 23	18 2 38	1°23'04	23°25	8°12	1°27	25° 2	15°47	15°49	4°54	3° 2	10°26	20°37	19°13	24°20	15°18	S 23
S 24	18 6 35	2°20'25	5859	9° 7	2°39	25°30	15°55	15°53	4°57	3° 1	10°27	20°29	19°10	24°27	15°24	S 24
M25	18 10 31	3°17'46	18°45	10° 6	3°51	25°59	16° 3	15°57	5° 1	3° 0	10°29	20°23	19° 6	24°33	15°30	M25
T 26	18 14 28	4°15'06	1844	11° 9	5° 2	26°28	16°11	16° 1	5° 4	2°58	10°30	20°17	19° 3	24°40	15°35	T 26
W27	18 18 24	5°12'26	14°58	12°15	6°14	26°57	16°19	16° 5	5° 7	2°57	10°31	20°13	19° 0	24°47	15°41	W27
T 28	18 22 21	6° 9'45	28°27	13°25	7°26	27°27	16°26	16° 9	5°11	2°56	10°32	20°12	18°57	24°53	15°47	T 28
F 29	18 26 17	7° 7'04	12°V13	14°38	8°38	27°56	16°33	16°13	5°14	2°54	10°34	20°D11	18°54	25° 0	15°53	F 29
S 30	18 30 14	854 4'23	26°V16	15II54	9649	28m26	16°V41	16m17	5617	2753	10II35	20m12	18m50	25m 6	15558	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	21n55	4n32	3n59	19n 4	2s 4	24n29	1n13	6n53	1n18	3n48	1s 7	7n46	1n58	19n47	0n34	19s 7	1n43	9n13	12s47	17s59	17s47	18s 3	16n29	6s14			
S 2	22 3	9 14	3 0	18 43	2 20	24 28	1 15	6 42	1 16	3 52	1 8	7 45	1 58	19 46	0 34	19 7	1 43	9 13	12 47	17 59	17 46	18 4	16 29	6 14			
S 3	22 11	13 30	1 49	18 23	2 34	24 26	1 17	6 32	1 15	3 56	1 8	7 44	1 58	19 45	0 34	19 7	1 43	9 13	12 47	18 0	17 45	18 4	16 28	6 14			
M 4	22 18	17 1	0 29	18 5	2 48	24 24	1 19	6 21	1 13	4 0	1 8	7 43	1 58	19 45	0 34	19 6	1 43	9 13	12 47	18 0	17 44	18 5	16 28	6 14			
T 5	22 25	19 25	0s54	17 48	3 1	24 21	1 21	6 11	1 11	4 4	1 8	7 42	1 58	19 44	0 34	19 6	1 43	9 13	12 47	18 0	17 43	18 6	16 28	6 13			
W 6	22 32	20 26	2 13	17 33	3 12	24 17	1 23	6 0	1 10	4 8	1 8	7 42	1 57	19 44	0 34	19 6	1 43	9 14	12 47	17 59	17 43	18 7	16 28	6 13			
T 7	22 38	19 59	3 22	17 20	3 23	24 12	1 25	5 49	1 8	4 12	1 9	7 41	1 57	19 43	0 34	19 5	1 42	9 14	12 47	17 59	17 42	18 8	16 27	6 13			
F 8	22 43	18 10	4 17	17 9	3 32	24 7	1 26	5 38	1 7	4 15	1 9	7 40	1 57	19 42	0 34	19 5	1 42	9 14	12 47	17 58	17 41	18 9	16 27	6 13			
S 9	22 49	15 15	4 54	16 59	3 40	24 1	1 28	5 27	1 5	4 19	1 9	7 39	1 57	19 42	0 34	19 5	1 42	9 14	12 47	17 57	17 40	18 9	16 27	6 13			
S 10	22 54	11 33	5 12	16 52	3 47	23 55	1 30	5 15	1 4	4 23	1 9	7 37	1 57	19 41	0 34	19 5	1 42	9 14	12 47	17 56	17 39	18 10	16 26	6 13			
M11	22 58	7 22	5 12	16 46	3 52	23 47	1 31	5 4	1 2	4 26	1 9	7 36	1 57	19 40	0 34	19 4	1 42	9 15	12 47	17 55	17 38	18 11	16 26	6 12			
T 12	23 2	2 59	4 56	16 43	3 57	23 39	1 33	4 52	1 1	4 30	1 10	7 35	1 56	19 40	0 34	19 4	1 42	9 15	12 47	17 55	17 37	18 12	16 25	6 12			
W13	23 6	1s24	4 25	16 42	4 0	23 31	1 34	4 41	1 0	4 33	1 10	7 34	1 56	19 39	0 34	19 4	1 42	9 15	12 47	17 55	17 37	18 13	16 25	6 12			
T 14	23 10	5 38	3 44	16 42	4 2	23 21	1 36	4 29	0 58	4 37	1 10	7 33	1 56	19 38	0 34	19 4	1 42	9 15	12 47	17 55	17 36	18 13	16 25	6 12			
F 15	23 12	9 33	2 53	16 44	4 3	23 11	1 37	4 18	0 57	4 40	1 10	7 32	1 56	19 37	0 34	19 3	1 42	9 15	12 47	17 55	17 35	18 14	16 24	6 12			
S 16	23 15	13 3	1 55	16 48	4 4	23 1	1 38	4 6	0 55	4 43	1 11	7 30	1 56	19 37	0 34	19 3	1 42	9 15	12 47	17 56	17 34	18 15	16 24	6 12			
S 17	23 17	16 0	0 53	16 54	4 3	22 50	1 39	3 54	0 54	4 46	1 11	7 29	1 56	19 36	0 34	19 3	1 42	9 15	12 47	17 56	17 33	18 16	16 23	6 11			
M18	23 19	18 18	0n12	17 2	4 1	22 38	1 41	3 42	0 53	4 50	1 11	7 28	1 56	19 35	0 34	19 3	1 42	9 16	12 47	17 56	17 32	18 17	16 23	6 11			
T 19	23 20	19 48	1 16	17 11	3 58	22 25	1 42	3 30	0 51	4 53	1 11	7 26	1 55	19 34	0 34	19 2	1 42	9 16	12 47	17 56	17 31	18 17	16 22	6 11			
W20	23 21	20 27	2 16	17 21	3 55	22 12	1 43	3 18	0 50	4 56	1 11	7 25	1 55	19 34	0 34	19 2	1 42	9 16	12 47	17 55	17 31	18 18	16 22	6 11			
T 21	23 21	20 9	3 12	17 33	3 50	21 58	1 44	3 5	0 49	4 59	1 12	7 23	1 55	19 33	0 34	19 2	1 42	9 16	12 47	17 54	17 30	18 19	16 21	6 11			
F 22	23 21	18 56	3 59	17 46	3 45	21 44	1 45	2 53	0 47	5 2	1 12	7 22	1 55	19 32	0 34	19 2	1 42	9 16	12 47	17 52	17 29	18 20	16 21	6 11			
S 23	23 21	16 48	4 36	17 59	3 39	21 29	1 45	2 41	0 46	5 5	1 12	7 20	1 55	19 31	0 34	19 1	1 42	9 16	12 47	17 50	17 28	18 21	16 20	6 11			
S 24	23 20	13 52	5 0	18 14	3 33	21 13	1 46	2 28	0 45	5 8	1 12	7 19	1 55	19 31	0 34	19 1	1 42	9 16	12 47	17 49	17 27	18 21	16 20	6 11			
M25	23 19	10 15	5 9	18 30	3 25	20 57	1 47	2 16	0 44	5 11	1 13	7 17	1 55	19 30	0 34	19 1	1 42	9 16	12 47	17 47	17 26	18 22	16 19	6 11			
T 26	23 17	6 6	5 3	18 46	3 17	20 40	1 47	2 3	0 42	5 13	1 13	7 16	1 55	19 29	0 34	19 1	1 42	9 16	12 47	17 45	17 25	18 23	16 19	6 11			
W27	23 15	1 34	4 41	19 4	3 9	20 23	1 48	1 50	0 41	5 16	1 13	7 14	1 54	19 28	0 34	19 0	1 42	9 17	12 48	17 44	17 25	18 24	16 18	6 11			
T 28	23 13	3n 7	4 3	19 21	3 0	20 5	1 48	1 37	0 40	5 19	1 13	7 12	1 54	19 27	0 34	19 0	1 42	9 17	12 48	17 44	17 24	18 24	16 18	6 10			
F 29	23 10	7 44	3 11	19 39	2 51	19 47	1 48	1 25	0 39	5 21	1 14	7 10	1 54	19 27	0 34	19 0	1 42	9 17	12 48	17 44	17 23	18 25	16 17	6 10			
S 30	23n 7	12n 4	2n 6	19n57	2s41	19n28	1n49	1n12	0n37	5n24	1s14	7n 9	1n54	19n26	0n34	19s 0	1n42	9n17	12s48	17s44	17s22	18s26	16m16	6s10			



## ASTRODIENST EPHEMERIS for the year 2627

AUGUST 2627

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 36 24	8♂36'39	4♂5	17♂10	17♂32	15♂44	19♂4	19♂9	7♂11	2°R25	11♂8	17°R49	17♂9	28♂39	19♂4	W 1
T 2	20 40 20	9°33'58	18°29	19°9	18°41	16°19	19°5	19°16	7°15	2♂25	11°9	17♂41	17°6	28°46	19°10	T 2
F 3	20 44 17	10°31'19	2♂46	21°7	19°51	16°53	19°7	19°22	7°19	2°25	11°9	17°31	17°2	28°52	19°15	F 3
S 4	20 48 13	11°28'39	16°49	23°2	21°0	17°28	19°8	19°29	7°22	2°24	11°10	17°19	16°59	28°59	19°21	S 4
S 5	20 52 10	12°26'00	0♂34	24°56	22°9	18°3	19°9	19°35	7°26	2°24	11°11	17°7	16°56	29°6	19°26	S 5
M 6	20 56 7	13°23'22	13°57	26°49	23°18	18°39	19°9	19°42	7°30	2°24	11°12	16°57	16°53	29°12	19°32	M 6
T 7	21 0 3	14°20'44	26°58	28°39	24°27	19°14	19°10	19°48	7°33	2°23	11°12	16°48	16°50	29°19	19°38	T 7
W 8	21 4 0	15°18'07	9♂36	0♂28	25°36	19°49	19°10	19°55	7°37	2°23	11°13	16°42	16°47	29°26	19°43	W 8
T 9	21 7 56	16°15'30	21°55	2°15	26°45	20°25	19°R10	20°2	7°41	2°23	11°14	16°39	16°43	29°32	19°49	T 9
F 10	21 11 53	17°12'53	3♂59	4°1	27°54	21°1	19°10	20°9	7°44	2°23	11°14	16°37	16°40	29°39	19°54	F 10
S 11	21 15 49	18°10'17	15°53	5°44	29°2	21°36	19°10	20°15	7°48	2°23	11°15	16°37	16°37	29°46	19°59	S 11
S 12	21 19 46	19°7'42	27°42	7°26	0♂11	22°12	19°9	20°22	7°52	2°23	11°16	16°37	16°34	29°52	20°5	S 12
M13	21 23 42	20°5'08	9♂31	9°7	1°19	22°48	19°9	20°29	7°55	2°23	11°16	16°36	16°31	29°59	20°10	M13
T 14	21 27 39	21°2'33	21°27	10°46	2°28	23°25	19°8	20°36	7°59	2°D22	11°17	16°33	16°28	0♂6	20°15	T 14
W15	21 31 35	22°0'00	3♂33	12°23	3°36	24°1	19°7	20°43	8°2	2°22	11°17	16°27	16°24	0°12	20°21	W15
T 16	21 35 32	22°57'27	15°53	13°58	4°44	24°37	19°5	20°50	8°6	2°23	11°18	16°20	16°21	0°19	20°26	T 16
F 17	21 39 29	23°54'55	28°29	15°32	5°52	25°14	19°4	20°57	8°10	2°23	11°19	16°9	16°18	0°26	20°31	F 17
S 18	21 43 25	24°52'24	11♂24	17°4	7°0	25°50	19°2	21°4	8°13	2°23	11°19	15°58	16°15	0°32	20°37	S 18
S 19	21 47 22	25°49'54	24°37	18°34	8°7	26°27	19°0	21°11	8°17	2°23	11°20	15°45	16°12	0°39	20°42	S 19
M20	21 51 18	26°47'25	8♂6	20°3	9°15	27°3	18°58	21°18	8°20	2°23	11°20	15°34	16°8	0°45	20°47	M20
T 21	21 55 15	27°44'57	21°48	21°30	10°22	27°40	18°56	21°25	8°24	2°23	11°20	15°24	16°5	0°52	20°52	T 21
W22	21 59 11	28°42'30	5♂40	22°55	11°30	28°17	18°54	21°32	8°27	2°23	11°21	15°16	16°2	0°59	20°57	W22
T 23	22 3 8	29°40'04	19°39	24°19	12°37	28°54	18°51	21°40	8°31	2°24	11°21	15°12	15°59	1°5	21°2	T 23
F 24	22 7 4	0♂37'40	3♂43	25°41	13°44	29°31	18°48	21°47	8°34	2°24	11°22	15°10	15°56	1°12	21°7	F 24
S 25	22 11 1	1°35'17	17°49	27°1	14°51	0♂9	18°45	21°54	8°38	2°24	11°22	15°D 9	15°53	1°19	21°12	S 25
S 26	22 14 58	2°32'55	1♂56	28°19	15°58	0°46	18°42	22°1	8°41	2°25	11°22	15°R10	15°49	1°25	21°17	S 26
M27	22 18 54	3°30'36	16°4	29°35	17°4	1°24	18°38	22°9	8°45	2°25	11°23	15°9	15°46	1°32	21°22	M27
T 28	22 22 51	4°28'18	0♂11	0♂50	18°11	2°1	18°35	22°16	8°48	2°25	11°23	15°7	15°43	1°39	21°27	T 28
W29	22 26 47	5°26'01	14°15	2°2	19°17	2°39	18°31	22°23	8°51	2°26	11°23	15°2	15°40	1°45	21°31	W29
T 30	22 30 44	6°23'46	28°14	3°13	20°23	3°17	18°27	22°31	8°55	2°26	11°24	14°55	15°37	1°52	21°36	T 30
F 31	22 34 40	7♂21'32	12♂5	4♂21	21♂29	3♂54	18°Y23	22♂38	8♂58	2♂27	11♂24	14♂45	15♂33	1♂59	21♂41	F 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	18n 3	19n39	3s38	17n20	1n47	6n 0	1n11	6s 7	0n 4	6n10	1s22	5n59	1n51	18n57	0n34	18s56
T 2	17 48	17 44	4 23	16 43	1 46	5 30	1 8	6 21	0 3	6 10	1 23	5 56	1 51	18 56	0 34	18 56
F 3	17 32	14 45	4 51	16 4	1 45	5 1	1 5	6 35	0 2	6 11	1 23	5 53	1 51	18 56	0 34	18 56
S 4	17 17	10 57	5 1	15 24	1 43	4 31	1 3	6 49	0 1	6 11	1 23	5 51	1 51	18 55	0 34	18 56
S 5	17 1	6 40	4 53	14 44	1 40	4 1	1 0	7 3	0 0	6 11	1 24	5 48	1 51	18 54	0 34	18 56
M 6	16 45	2 9	4 29	14 3	1 37	3 31	0 57	7 17	0s 0	6 11	1 24	5 46	1 51	18 53	0 34	18 56
T 7	16 28	2s20	3 51	13 21	1 33	3 1	0 54	7 32	0 1	6 11	1 24	5 43	1 50	18 52	0 34	18 56
W 8	16 11	6 35	3 3	12 39	1 28	2 31	0 51	7 46	0 2	6 11	1 24	5 40	1 50	18 51	0 34	18 56
T 9	15 55	10 28	2 7	11 56	1 24	2 1	0 47	8 0	0 3	6 10	1 25	5 38	1 50	18 50	0 34	18 56
F 10	15 37	13 51	1 6	11 13	1 18	1 30	0 44	8 14	0 4	6 10	1 25	5 35	1 50	18 49	0 34	18 56
S 11	15 20	16 36	0 4	10 30	1 13	1 0	0 41	8 28	0 5	6 10	1 25	5 32	1 50	18 48	0 34	18 56
S 12	15 2	18 38	0n58	9 47	1 7	0 30	0 37	8 42	0 6	6 9	1 26	5 30	1 50	18 47	0 34	18 56
M13	14 44	19 51	1 58	9 3	1 0	0s 1	0 34	8 56	0 6	6 9	1 26	5 27	1 50	18 46	0 34	18 56
T 14	14 26	20 12	2 53	8 20	0 53	0 31	0 30	9 11	0 7	6 8	1 26	5 24	1 50	18 45	0 34	18 56
W15	14 8	19 37	3 41	7 36	0 46	1 1	0 26	9 25	0 8	6 7	1 26	5 21	1 50	18 45	0 34	18 56
T 16	13 49	18 7	4 20	6 53	0 39	1 32	0 22	9 39	0 9	6 7	1 27	5 19	1 50	18 44	0 34	18 56
F 17	13 30	15 42	4 47	6 10	0 31	2 2	0 19	9 53	0 10	6 6	1 27	5 16	1 50	18 43	0 34	18 56
S 18	13 11	12 29	5 0	5 27	0 23	2 33	0 15	10 7	0 11	6 5	1 27	5 13	1 50	18 42	0 34	18 56
S 19	12 52	8 35	4 57	4 44	0 15	3 3	0 11	10 21	0 11	6 4	1 27	5 10	1 50	18 41	0 34	18 56
M20	12 32	4 12	4 38	4 2	0 7	3 33	0 7	10 35	0 12	6 3	1 28	5 7	1 50	18 40	0 34	18 57
T 21	12 13	0n29	4 3	3 20	0s 2	4 3	0 2	10 49	0 13	6 2	1 28	5 5	1 50	18 39	0 34	18 57
W22	11 53	5 12	3 13	2 38	0 11	4 33	0s 2	11 3	0 14	6 1	1 28	5 2	1 50	18 38	0 34	18 57
T 23	11 33	9 41	2 11	1 57	0 20	5 4	0 6	11 16	0 15	6 0	1 28	4 59	1 50	18 37	0 34	18 57
F 24	11 13	13 40	1 0	1 16	0 29	5 34	0 10	11 30	0 15	5 58	1 29	4 56	1 50	18 36	0 34	18 57
S 25	10 52	16 51	0s14	0 35	0 39	6 3	0 15	11 44	0 16	5 57	1 29	4 53	1 50	18 36	0 34	18 57
S 26	10 32	19 2	1 28	0s 4	0 48	6 33	0 19	11 58	0 17	5 55	1 29	4 50	1 50	18 35	0 34	18 57
M27	10 11	20 2	2 36	0 43	0 58	7 3	0 24	12 12	0 18	5 54	1 30	4 47	1 50	18 34	0 34	18 57
T 28	9 50	19 46	3 35	1 22	1 7	7 32	0 28	12 25	0 18	5 52	1 30	4 44	1 50	18 33	0 34	18 57
W29	9 29	18 16	4 21	1 59	1 17	8 2	0 33	12 39	0 19	5 51	1 30	4 42	1 50	18 32	0 34	18 58
T 30	9 8	15 42	4 50	2 36	1 27	8 31	0 38	12 52	0 20	5 49	1 30	4 39	1 50	18 31	0 34	18 58
F 31	8n47	12n16	5s 3	3s12	1s37	9s 0	0s42	13s 6	0s21	5n47	1s30	4n36	1n50	18n30	0n34	18s58

Julian Day Number = 2680763.5, Delta T = 22m02s

Ecliptic obliquity = 23°21'21, Nutation = 0°00'14

Ayanamsha: Fagan/Bradley = 33°31'07, Lahiri = 32°38'07

## ASTRODIENST EPHEMERIS for the year 2627

SEPTEMBER 2627

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 38 37	8 <sup>h</sup> 19'20"	25 <sup>h</sup> 04'44"	5 <sup>h</sup> 02'27"	22 <sup>h</sup> 03'35"	4 <sup>h</sup> 03'32"	18 <sup>h</sup> 01'19"	22 <sup>h</sup> 04'46"	9 <sup>h</sup> 01'11"	2 <sup>h</sup> 02'27"	11 <sup>h</sup> 11'24"	14 <sup>h</sup> 01'35"	15 <sup>h</sup> 01'30"	2 <sup>h</sup> 02'57"	21 <sup>h</sup> 02'45"	S 1
S 2	22 42 33	9 <sup>h</sup> 17'09"	9 <sup>h</sup> 09'11"	6 <sup>h</sup> 03'30"	23 <sup>h</sup> 04'41"	5 <sup>h</sup> 01'11"	18 <sup>h</sup> 01'14"	22 <sup>h</sup> 05'53"	9 <sup>h</sup> 01'58"	2 <sup>h</sup> 02'28"	11 <sup>h</sup> 01'24"	14 <sup>h</sup> 01'24"	15 <sup>h</sup> 02'27"	2 <sup>h</sup> 01'12"	21 <sup>h</sup> 01'50"	S 2
M 3	22 46 30	10 <sup>h</sup> 15'00"	22 <sup>h</sup> 01'16"	7 <sup>h</sup> 03'31"	24 <sup>h</sup> 04'46"	5 <sup>h</sup> 04'49"	18 <sup>h</sup> 01'09"	23 <sup>h</sup> 02'00"	9 <sup>h</sup> 01'58"	2 <sup>h</sup> 02'29"	11 <sup>h</sup> 01'24"	14 <sup>h</sup> 01'14"	15 <sup>h</sup> 02'24"	2 <sup>h</sup> 01'19"	21 <sup>h</sup> 01'54"	M 3
T 4	22 50 27	11 <sup>h</sup> 12'52"	5 <sup>h</sup> 02'15"	8 <sup>h</sup> 03'30"	25 <sup>h</sup> 05'51"	6 <sup>h</sup> 02'27"	18 <sup>h</sup> 01'05"	23 <sup>h</sup> 02'08"	9 <sup>h</sup> 01'11"	2 <sup>h</sup> 02'29"	11 <sup>h</sup> 01'25"	14 <sup>h</sup> 01'06"	15 <sup>h</sup> 02'21"	2 <sup>h</sup> 01'25"	21 <sup>h</sup> 01'59"	T 4
W 5	22 54 23	12 <sup>h</sup> 10'45"	17 <sup>h</sup> 03'36"	9 <sup>h</sup> 02'25"	26 <sup>h</sup> 05'57"	7 <sup>h</sup> 01'58"	18 <sup>h</sup> 01'00"	23 <sup>h</sup> 01'15"	9 <sup>h</sup> 01'15"	2 <sup>h</sup> 02'30"	11 <sup>h</sup> 01'25"	14 <sup>h</sup> 01'00"	15 <sup>h</sup> 01'18"	2 <sup>h</sup> 01'32"	22 <sup>h</sup> 01'30"	W 5
T 6	22 58 20	13 <sup>h</sup> 08'39"	29 <sup>h</sup> 05'51"	10 <sup>h</sup> 01'18"	28 <sup>h</sup> 02'02"	7 <sup>h</sup> 04'44"	17 <sup>h</sup> 05'54"	23 <sup>h</sup> 02'23"	9 <sup>h</sup> 01'18"	2 <sup>h</sup> 02'31"	11 <sup>h</sup> 01'25"	13 <sup>h</sup> 05'57"	15 <sup>h</sup> 01'14"	2 <sup>h</sup> 01'38"	22 <sup>h</sup> 01'08"	T 6
F 7	23 02 16	14 <sup>h</sup> 06'35"	11 <sup>h</sup> 01'53"	11 <sup>h</sup> 01'08"	29 <sup>h</sup> 02'06"	8 <sup>h</sup> 02'22"	17 <sup>h</sup> 04'49"	23 <sup>h</sup> 03'30"	9 <sup>h</sup> 02'21"	2 <sup>h</sup> 02'31"	11 <sup>h</sup> 01'25"	13 <sup>h</sup> 05'56"	15 <sup>h</sup> 01'11"	2 <sup>h</sup> 01'45"	22 <sup>h</sup> 01'12"	F 7
S 8	23 06 13	15 <sup>h</sup> 04'32"	23 <sup>h</sup> 04'46"	11 <sup>h</sup> 05'54"	0 <sup>h</sup> 01'11"	9 <sup>h</sup> 01'01"	17 <sup>h</sup> 04'44"	23 <sup>h</sup> 03'38"	9 <sup>h</sup> 02'24"	2 <sup>h</sup> 02'32"	11 <sup>h</sup> 01'25"	13 <sup>h</sup> 05'56"	15 <sup>h</sup> 01'08"	2 <sup>h</sup> 01'52"	22 <sup>h</sup> 01'16"	S 8
S 9	23 10 09	16 <sup>h</sup> 02'31"	5 <sup>h</sup> 01'35"	12 <sup>h</sup> 03'38"	1 <sup>h</sup> 01'15"	9 <sup>h</sup> 04'40"	17 <sup>h</sup> 03'38"	23 <sup>h</sup> 04'45"	9 <sup>h</sup> 02'27"	2 <sup>h</sup> 02'33"	11 <sup>h</sup> 01'25"	13 <sup>h</sup> 05'57"	15 <sup>h</sup> 01'05"	2 <sup>h</sup> 01'58"	22 <sup>h</sup> 01'21"	S 9
M10	23 14 06	17 <sup>h</sup> 03'30"	17 <sup>h</sup> 03'30"	13 <sup>h</sup> 01'17"	2 <sup>h</sup> 01'19"	10 <sup>h</sup> 01'19"	17 <sup>h</sup> 03'32"	23 <sup>h</sup> 05'53"	9 <sup>h</sup> 03'30"	2 <sup>h</sup> 02'34"	11 <sup>h</sup> 01'25"	13 <sup>h</sup> 05'58"	15 <sup>h</sup> 01'02"	2 <sup>h</sup> 01'58"	22 <sup>h</sup> 01'25"	M10
T 11	23 18 02	17 <sup>h</sup> 58'31"	29 <sup>h</sup> 02'21"	13 <sup>h</sup> 05'52"	3 <sup>h</sup> 02'23"	10 <sup>h</sup> 05'58"	17 <sup>h</sup> 02'26"	24 <sup>h</sup> 02'00"	9 <sup>h</sup> 03'33"	2 <sup>h</sup> 02'35"	11 <sup>h</sup> 01'25"	13 <sup>h</sup> 05'57"	14 <sup>h</sup> 05'59"	3 <sup>h</sup> 01'12"	22 <sup>h</sup> 01'29"	T 11
W12	23 21 59	18 <sup>h</sup> 56'34"	11 <sup>h</sup> 03'28"	14 <sup>h</sup> 02'23"	4 <sup>h</sup> 02'27"	11 <sup>h</sup> 03'37"	17 <sup>h</sup> 02'20"	24 <sup>h</sup> 02'08"	9 <sup>h</sup> 03'36"	2 <sup>h</sup> 02'36"	11 <sup>h</sup> 01'25"	13 <sup>h</sup> 05'54"	14 <sup>h</sup> 05'55"	3 <sup>h</sup> 01'18"	22 <sup>h</sup> 01'33"	W12
T 13	23 25 56	19 <sup>h</sup> 54'38"	23 <sup>h</sup> 05'51"	14 <sup>h</sup> 05'50"	5 <sup>h</sup> 03'30"	12 <sup>h</sup> 01'16"	17 <sup>h</sup> 01'14"	24 <sup>h</sup> 02'16"	9 <sup>h</sup> 03'39"	2 <sup>h</sup> 02'36"	11 <sup>h</sup> 01'25"	13 <sup>h</sup> 05'49"	14 <sup>h</sup> 05'52"	3 <sup>h</sup> 01'25"	22 <sup>h</sup> 01'37"	T 13
F 14	23 29 52	20 <sup>h</sup> 52'43"	6 <sup>h</sup> 03'34"	15 <sup>h</sup> 01'12"	6 <sup>h</sup> 03'34"	12 <sup>h</sup> 05'55"	17 <sup>h</sup> 01'08"	24 <sup>h</sup> 02'23"	9 <sup>h</sup> 04'42"	2 <sup>h</sup> 02'37"	11 <sup>h</sup> 01'25"	13 <sup>h</sup> 05'43"	14 <sup>h</sup> 05'49"	3 <sup>h</sup> 01'32"	22 <sup>h</sup> 01'41"	F 14
S 15	23 33 49	21 <sup>h</sup> 50'49"	19 <sup>h</sup> 03'39"	15 <sup>h</sup> 02'29"	7 <sup>h</sup> 03'36"	13 <sup>h</sup> 03'34"	17 <sup>h</sup> 01'01"	24 <sup>h</sup> 02'31"	9 <sup>h</sup> 04'45"	2 <sup>h</sup> 02'38"	11 <sup>h</sup> 01'25"	13 <sup>h</sup> 05'35"	14 <sup>h</sup> 05'46"	3 <sup>h</sup> 01'38"	22 <sup>h</sup> 01'45"	S 15
S 16	23 37 45	22 <sup>h</sup> 48'57"	3 <sup>h</sup> 01'11"	15 <sup>h</sup> 04'41"	8 <sup>h</sup> 03'39"	14 <sup>h</sup> 01'14"	16 <sup>h</sup> 05'55"	24 <sup>h</sup> 02'38"	9 <sup>h</sup> 04'48"	2 <sup>h</sup> 02'39"	11 <sup>h</sup> 01'25"	13 <sup>h</sup> 05'26"	14 <sup>h</sup> 05'43"	3 <sup>h</sup> 01'45"	22 <sup>h</sup> 01'49"	S 16
M17	23 41 42	23 <sup>h</sup> 47'07"	16 <sup>h</sup> 05'54"	15 <sup>h</sup> 04'47"	9 <sup>h</sup> 04'42"	14 <sup>h</sup> 05'53"	16 <sup>h</sup> 04'48"	24 <sup>h</sup> 02'46"	9 <sup>h</sup> 05'51"	2 <sup>h</sup> 02'40"	11 <sup>h</sup> 01'25"	13 <sup>h</sup> 05'18"	14 <sup>h</sup> 05'39"	3 <sup>h</sup> 01'52"	22 <sup>h</sup> 01'52"	M17
T 18	23 45 38	24 <sup>h</sup> 45'18"	0 <sup>h</sup> 01'59"	15 <sup>h</sup> 04'47"	10 <sup>h</sup> 04'44"	15 <sup>h</sup> 03'33"	16 <sup>h</sup> 04'41"	24 <sup>h</sup> 05'53"	9 <sup>h</sup> 05'54"	2 <sup>h</sup> 02'42"	11 <sup>h</sup> 01'25"	13 <sup>h</sup> 05'11"	14 <sup>h</sup> 05'36"	3 <sup>h</sup> 01'58"	22 <sup>h</sup> 01'56"	T 18
W19	23 49 35	25 <sup>h</sup> 43'31"	15 <sup>h</sup> 01'17"	15 <sup>h</sup> 04'41"	11 <sup>h</sup> 04'46"	16 <sup>h</sup> 01'12"	16 <sup>h</sup> 03'34"	25 <sup>h</sup> 02'01"	9 <sup>h</sup> 05'57"	2 <sup>h</sup> 02'43"	11 <sup>h</sup> 01'24"	13 <sup>h</sup> 05'06"	14 <sup>h</sup> 05'33"	4 <sup>h</sup> 01'05"	23 <sup>h</sup> 01'00"	W19
T 20	23 53 31	26 <sup>h</sup> 41'45"	29 <sup>h</sup> 02'42"	15 <sup>h</sup> 02'29"	12 <sup>h</sup> 04'47"	16 <sup>h</sup> 05'52"	16 <sup>h</sup> 02'27"	25 <sup>h</sup> 02'09"	10 <sup>h</sup> 01'00"	2 <sup>h</sup> 02'44"	11 <sup>h</sup> 01'24"	13 <sup>h</sup> 05'03"	14 <sup>h</sup> 05'30"	4 <sup>h</sup> 01'12"	23 <sup>h</sup> 01'03"	T 20
F 21	23 57 28	27 <sup>h</sup> 40'02"	14 <sup>h</sup> 03'09"	15 <sup>h</sup> 01'10"	13 <sup>h</sup> 04'48"	17 <sup>h</sup> 03'32"	16 <sup>h</sup> 02'20"	25 <sup>h</sup> 02'16"	10 <sup>h</sup> 01'02"	2 <sup>h</sup> 02'45"	11 <sup>h</sup> 01'24"	13 <sup>h</sup> 05'03"	14 <sup>h</sup> 05'27"	4 <sup>h</sup> 01'18"	23 <sup>h</sup> 01'07"	F 21
S 22	0 01 24	28 <sup>h</sup> 38'21"	28 <sup>h</sup> 03'33"	14 <sup>h</sup> 04'44"	14 <sup>h</sup> 04'49"	18 <sup>h</sup> 01'12"	16 <sup>h</sup> 01'13"	25 <sup>h</sup> 02'24"	10 <sup>h</sup> 01'05"	2 <sup>h</sup> 02'46"	11 <sup>h</sup> 01'24"	13 <sup>h</sup> 05'03"	14 <sup>h</sup> 05'24"	4 <sup>h</sup> 01'25"	23 <sup>h</sup> 01'10"	S 22
S 23	0 05 21	29 <sup>h</sup> 36'42"	12 <sup>h</sup> 01'52"	14 <sup>h</sup> 01'12"	15 <sup>h</sup> 05'50"	18 <sup>h</sup> 05'52"	16 <sup>h</sup> 01'05"	25 <sup>h</sup> 03'31"	10 <sup>h</sup> 01'08"	2 <sup>h</sup> 02'47"	11 <sup>h</sup> 01'24"	13 <sup>h</sup> 05'05"	14 <sup>h</sup> 05'20"	4 <sup>h</sup> 01'32"	23 <sup>h</sup> 01'14"	S 23
M24	0 09 18	0 <sup>h</sup> 03'35'05"	27 <sup>h</sup> 02'02"	13 <sup>h</sup> 03'33"	16 <sup>h</sup> 05'51"	19 <sup>h</sup> 03'32"	15 <sup>h</sup> 05'58"	25 <sup>h</sup> 03'39"	10 <sup>h</sup> 01'11"	2 <sup>h</sup> 02'49"	11 <sup>h</sup> 01'23"	13 <sup>h</sup> 05'06"	14 <sup>h</sup> 05'17"	4 <sup>h</sup> 01'38"	23 <sup>h</sup> 01'17"	M24
T 25	0 13 14	1 <sup>h</sup> 33'30"	11 <sup>h</sup> 03'30"	12 <sup>h</sup> 04'49"	17 <sup>h</sup> 05'51"	20 <sup>h</sup> 01'12"	15 <sup>h</sup> 05'50"	25 <sup>h</sup> 04'46"	10 <sup>h</sup> 01'13"	2 <sup>h</sup> 02'50"	11 <sup>h</sup> 01'23"	13 <sup>h</sup> 05'05"	14 <sup>h</sup> 05'14"	4 <sup>h</sup> 01'45"	23 <sup>h</sup> 01'20"	T 25
W26	0 17 11	2 <sup>h</sup> 31'57"	24 <sup>h</sup> 05'53"	11 <sup>h</sup> 05'58"	18 <sup>h</sup> 05'50"	20 <sup>h</sup> 05'52"	15 <sup>h</sup> 05'43"	25 <sup>h</sup> 05'54"	10 <sup>h</sup> 01'16"	2 <sup>h</sup> 02'51"	11 <sup>h</sup> 01'23"	13 <sup>h</sup> 05'03"	14 <sup>h</sup> 05'11"	4 <sup>h</sup> 01'52"	23 <sup>h</sup> 01'23"	W26
T 27	0 21 07	3 <sup>h</sup> 30'26"	8 <sup>h</sup> 02'32"	11 <sup>h</sup> 05'58"	19 <sup>h</sup> 05'50"	21 <sup>h</sup> 03'32"	15 <sup>h</sup> 05'35"	26 <sup>h</sup> 01'01"	10 <sup>h</sup> 01'18"	2 <sup>h</sup> 02'52"	11 <sup>h</sup> 01'22"	12 <sup>h</sup> 05'59"	14 <sup>h</sup> 05'08"	4 <sup>h</sup> 01'58"	23 <sup>h</sup> 01'27"	T 27
F 28	0 25 04	4 <sup>h</sup> 28'58"	21 <sup>h</sup> 05'59"	10 <sup>h</sup> 05'44"	20 <sup>h</sup> 04'49"	22 <sup>h</sup> 01'13"	15 <sup>h</sup> 05'27"	26 <sup>h</sup> 01'09"	10 <sup>h</sup> 01'21"	2 <sup>h</sup> 02'54"	11 <sup>h</sup> 01'22"	12 <sup>h</sup> 05'54"	14 <sup>h</sup> 05'04"	5 <sup>h</sup> 01'05"	23 <sup>h</sup> 01'30"	F 28
S 29	0 29 00	5 <sup>h</sup> 27'31"	5 <sup>h</sup> 01'14"	9 <sup>h</sup> 02'02"	21 <sup>h</sup> 04'47"	22 <sup>h</sup> 05'53"	15 <sup>h</sup> 05'20"	26 <sup>h</sup> 01'16"	10 <sup>h</sup> 01'23"	2 <sup>h</sup> 02'55"	11 <sup>h</sup> 01'22"	12 <sup>h</sup> 05'48"	14 <sup>h</sup> 05'01"	5 <sup>h</sup> 01'12"	23 <sup>h</sup> 01'33"	S 29
S 30	0 32 57	6 <sup>h</sup> 26'06"	18 <sup>h</sup> 01'14"	7 <sup>h</sup> 02'58"	22 <sup>h</sup> 01'45"	23 <sup>h</sup> 01'34"	15 <sup>h</sup> 05'12"	26 <sup>h</sup> 01'24"	10 <sup>h</sup> 01'26"	2 <sup>h</sup> 02'57"	11 <sup>h</sup> 01'21"	12 <sup>h</sup> 05'42"	13 <sup>h</sup> 05'58"	5 <sup>h</sup> 01'18"	23 <sup>h</sup> 01'35"	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	8n25	8n14	4s57	3s47	1s47	9s29	0s47	13s19	0s21	5n45	1s31	4n33	1n50	18n29	0n34	18s58	1n39	9n12	12s59	16s 9	16s26	19s 4	15n19	6s22	12s59	16s 6	16s25	19s 4	15s18	6s23	12s59	16s 6	16s25
S 2	8 4	3 51	4 36	4 22	1 57	9 58	0 52	13 33	0 22	5 43	1 31	4 30	1 50	18 29	0 34	18 58	1 39	9 12	12 59	16 6	16 26	19 4	15 18	6 23	12 59	16 6	16 25	19 4	15 18	6 23	12 59	16 6	16 25
M 3	7 42	0s37	4 0	4 55	2 7	10 26	0 57	13 46	0 23	5 41	1 31	4 27	1 50	18 28	0 34	18 58	1 39	9 11	13 0	16 3	16 24	19 5	15 17	6 23	13 0	16 3	16 24	19 5	15 17	6 23	13 0	16 3	16 24
T 4	7 20	4 57	3 12	5 27	2 16	10 55	1 2	14 0	0 23	5 39	1 31	4 24	1 50	18 27	0 34	18 59	1 38	9 11	13 0	16 1	16 23	19 5	15 16	6 23	13 0	16 1	16 23	19 5	15 16	6 23	13 0	16 1	16 23
W 5	6 58	8 59	2 16	5 58	2 26	11 23	1 7	14 13	0 24	5 37	1 32	4 21	1 50	18 26	0 34	18 59	1 38	9 11	13 0	15 59	16 22	19 6	15 14	6 24	13 0	15 59	16 22	19 6	15 14	6 24	13 0	15 59	16 22
T 6	6 36	12 33	1 15	6 27	2 36	11 51	1 12	14 26	0 25	5 35	1 32	4 18	1 50	18 25	0 34	18 59	1 38	9 11	13 0	15 58	16 21	19 6	15 13	6 24	13 0	15 58	16 21	19 6	15 13	6 24	13 0	15 58	16 21
F 7	6 14	15 31	0 11	6 55	2 46	12 19	1 17	14 39	0 26	5 33	1 32	4 15	1 50	18 24	0 34	18 59	1 38	9 10	13 1	15 58	16 20	19 7	15 12	6 25	13 1	15 58	16 20	19 7	15 12	6 25	13 1	15 58	16 20
S 8	5 52	17 48	0n53	7 22	2 54	12 46	1 22	14 52	0 26	5 31	1 32	4 12	1 50	18 24	0 34	18 59	1 38	9 10	13 1	15 58	16 19	19 7	15 11	6 25	13 1	15 58	16 19	19 7	15 11	6 25	13 1	15 58	16 19
S 9	5 29	19 18	1 54	7 47	3 4	13 14	1 27	15 5	0 27	5 28	1 32	4 9	1 50	18 23	0 35	19 0	1 38	9 10	13 1	15 58	16 18	19 7	15 10	6 26	13 1	15 58	16 18	19 7	15 10	6 26	13 1	15 58	16 18
M10	5 7	19 57	2 50	8 11	3 12	13 41	1 32	15 18	0 28	5 26	1 33	4 6	1 50	18 22	0 35	19 0	1 38	9 10	13 1	15 58	16 17	19 8	15 9	6 26	13 1	15 58	16 17	19 8	15 9	6 26	13 1	15 58	16 17
T 11	4 44	19 42	3 39	8 32	3 21	14 7	1 37	15 31	0 28	5 24	1 33	4 3	1 50	18 21	0 35	19 0	1 38	9 10	13 2	15 58	16 16	19 8	15 8	6 26	13 2	15 58	16 16	19 8	15 8	6 26	13 2	15 58	16 16
W12	4 22	18 33	4 20	8 52	3 29	14 34	1 42	15 43	0 29	5 21	1 33	4 0	1 50	18 20	0 35	19 0	1 38	9 9	13 2	15 57	16 15	19 9	15 7	6 27	13 2	15 57	16 15	19 9	15 7	6 27	13 2	15 57	16 15
T 13	3 59	16 31	4 49	9 10	3 37	15 0	1 47	15 56	0 30	5 19	1 33	3 58	1 50	18 20	0 35	19 0	1 38	9 9	13 2	15 56	16 14	19 9	15 6	6 27	13 2	15 56	16 14	19 9	15 6	6 27	13 2	15 56	16 14
F 14	3 36	13 39	5 5	9 25	3 44	15 26	1 53	16 8	0 30	5 16	1 33	3 55	1 50	18 19	0 35	19 1	1 38	9 9	13 2	15 54	16 14	19 10	15 5	6 28	13 2	15 54	16 14	19 10	15 5	6 28	13 2	15 54	16 14
S 15	3 13	10 2	5 5	9 37	3 51	15 52	1 58	16 21	0 31	5 13	1 33	3 52	1 50	18 18	0 35	19 1	1 38	9 9	13 3	15 52	16 13	19 10	15 3	6 28	13 3	15 52	16 13	19 10	15 3	6 28	13 3	15 52	16 13
S 16	2 51	5 50	4 49	9 47	3 57	16 17	2 3	16 33	0 32	5 11	1 34	3 49	1 50	18 17	0 35	19 1	1 38	9 8	13 3	15 49	16 12	19 10	15 2	6 29	13 3	15 49	16 12	19 10	15 2	6 29	13 3	15 49	16 12
M17	2 28	1 13	4 16	9 55	4 2	16 42	2 8	16 45	0 32	5 8	1 34	3 46	1 50	18 17	0 35	19 1	1 38	9 8	13 3	15 47	16 11	19 11	15 1	6 29	13 3	15 47	16 11	19 11	15 1	6 29	13 3	15 47	16 11
T 18	2 5	3n34	3 27	9 59	4 6	17 6	2 14	16 58	0 33	5 5	1 34	3 43	1 50	18 16	0 35	19 2	1 38	9 8	13 3	15 45	16 10	19 11	15 0	6 30	13 3	15 45	16 10	19 11	15 0	6 30	13 3	15 45	16 10
W19	1 42	8 13	2 24	9 59	4 10	17 31	2 19	17 10	0 33	5 3	1 34	3 40	1 50	18 15	0 35	19 2	1 38	9 8	13 4	15 43	16 9	19 12	14 59	6 30	13 4	15 43	16 9	19 12	14 59	6 30	13 4	15 43	16 9
T 20	1 19	12 27	1 12	9 57	4 12	17 55	2 24	17 22	0 34	5 0	1 34	3 37	1 50	18 14	0 35	19 2	1 38	9 7	13 4	15 42	16 8	19 12	14 58	6 31	13 4	15 42	16 8	19 12	14 58	6 31	13 4	15 42	16 8
F 21	0 55	15 56	0s 6	9 50	4 13	18 18	2 30	17 33	0 35	4 57	1 34	3 34	1 50	18 14	0 35	19 3	1 38	9 7	13 4	15 42	16 7	19 12	14 57	6 31	13 4	15 42	16 7	19 12	14 57	6 31	13 4	15 42	16 7
S 22	0 32	18 25	1 23	9 40	4 12	18 42	2 35	17 45	0 35	4 54	1 34	3 31	1 51	18 13	0 35	19 3	1 37	9 7	13 4	15 42	16 6	19 13	14 56	6 32	13 4	15 42	16 6	19 13	14 56	6 32	13 4	15 42	16 6
S 23	0 9	19 42	2 35	9 26	4 10	19 5	2 40	17 57	0 36	4 51	1 35	3 28	1 51	18 12	0 35	19 3	1 37	9 7	13 4	15 43	16 5	19 13	14 55	6 32	13 5	15 43	16 5	19 13	14 55	6 32	13 5	15 43	16 5
M24	0s14	19 44	3 36	9 7	4 7	19 27	2 45	18 8	0 37	4 48	1 35	3 25	1 51	18 12	0 35	19 3	1 37	9 6	13 5	15 43	16 4	19 14	14 54	6 33	13 5	15 43	16 4	19 14	14 54	6 33	13 5	15 43	16 4
T 25	0 37	18 31	4 24	8 45	4 2	19 49	2 51	18 20	0 37	4 45	1 35	3 22	1 51	18 11	0 35	19 4	1 37	9 6	13 5	15 43	16 3	19 14	14 53	6 33	13 5	15 43	16 3	19 14	14 53	6 33	13 5	15 43	16 3
W26	1 0	16 14	4 55	8 19	3 54	20 11	2 56	18 31	0 38	4 42	1 35	3 19	1 51	18 10	0 35	19 4	1 37	9 6	13 5	15 42	16 2	19 14	14 52	6 34	13 5	15 42	16 2	19 14	14 52	6 34	13 5	15 42	16 2
T 27	1 23	13 5	5 10	7 49	3 45	20 32	3 1	18 42	0 38	4 39	1 35	3 16	1 51	18 10	0 35	19 4	1 37	9 5	13 5	15 41	16 1	19 15	14 51	6 35	13 5	15 41	16 1	19 15	14 51	6 35	13 5	15 41	16 1
F 28	1 47	9 17	5 7	7 15	3 34	20 53	3 6	18 53	0 39	4 36	1 35	3 13	1 51	18 9	0 35	19 5	1 37	9 5	13 6	15 39	16 0	19 15	14 50	6 35	13 6	15 39	16 0	19 15	14 50	6 35	13 6	15 39	16 0
S 29	2 10	5 6	4 47	6 39	3 21	21 14	3 12	19 4	0 39	4 33	1 35	3 10	1 51	18 8	0 35	19 5	1 37	9 5	13 6	15 38	16 0	19 16	14 49	6 36	13 6	15 38	16 0	19 16	14 49	6 36	13 6	15 38	16 0
S 30	2s33	0n45	4s13	6s 1	3s 7	21s34	3s17	19s15	0s40	4n30	1s35	3n 8	1n51	18n 8	0n35	19s 5	1n37	9n 5	13s 6	15s36	15s59	19s16	14n48	6s36	13s 6	15s36	15s59	19s16	14n48	6s36	13s 6	15s36	15s59



# ASTRODIENST EPHEMERIS for the year 2627

NOVEMBER 2627

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 39 7	7♎5740	16♎31	28♎8	18♎17	15♎56	11♎9	0♎11	11♎20	3♎53	11♎0	12♎D14	12♎16	8♎51	24♎27	T 1
F 2	2 43 3	8♎5720	28♎24	29♎51	18♎49	16♎39	11♎9	0♎18	11♎21	3♎56	10♎II59	12♎14	12♎13	8♎58	24♎27	F 2
S 3	2 47 0	9♎5703	10♎33	1♎33	19♎20	17♎22	10♎57	0♎24	11♎21	3♎58	10♎58	12♎15	12♎10	9♎4	24♎27	S 3
S 4	2 50 56	10♎5647	22° 0	3°15	19°49	18° 6	10°51	0°31	11°22	4° 0	10°57	12°15	12° 7	9°11	24°R27	S 4
M 5	2 54 53	11°5633	3♎49	4°56	20°16	18°49	10°45	0°37	11°23	4° 2	10°56	12°R15	12° 4	9°18	24°27	M 5
T 6	2 58 49	12°5621	15°44	6°38	20°42	19°33	10°39	0°43	11°23	4° 4	10°55	12°15	12° 1	9°24	24°27	T 6
W 7	3 2 46	13°5611	27°49	8°19	21° 6	20°16	10°34	0°50	11°24	4° 6	10°54	12°15	11°57	9°31	24°27	W 7
T 8	3 6 42	14°5602	10♎7	9°59	21°28	21° 0	10°28	0°56	11°25	4° 8	10°53	12°D15	11°54	9°38	24°27	T 8
F 9	3 10 39	15°5555	22°44	11°40	21°48	21°44	10°23	1° 2	11°25	4°10	10°52	12°15	11°51	9°44	24°26	F 9
S 10	3 14 36	16°5549	5♎43	13°19	22° 7	22°27	10°18	1° 8	11°25	4°13	10°51	12°15	11°48	9°51	24°26	S 10
S 11	3 18 32	17°5545	19° 7	14°59	22°23	23°11	10°13	1°14	11°26	4°15	10°50	12°15	11°45	9°58	24°25	S 11
M12	3 22 29	18°5543	2♎59	16°38	22°38	23°55	10° 9	1°20	11°26	4°17	10°49	12°16	11°41	10° 4	24°25	M12
T 13	3 26 25	19°5542	17°17	18°16	22°50	24°39	10° 4	1°26	11°26	4°19	10°48	12°17	11°38	10°11	24°24	T 13
W14	3 30 22	20°5543	1♎59	19°54	23° 1	25°23	10° 0	1°31	11°27	4°21	10°47	12°17	11°35	10°18	24°23	W14
T 15	3 34 18	21°5545	17° 0	21°32	23° 9	26° 7	9°56	1°37	11°27	4°23	10°46	12°R17	11°32	10°24	24°22	T 15
F 16	3 38 15	22°5550	2♎10	23° 9	23°14	26°51	9°52	1°43	11°27	4°26	10°45	12°17	11°29	10°31	24°21	F 16
S 17	3 42 11	23°5556	17°21	24°46	23°18	27°36	9°48	1°49	11°R27	4°28	10°44	12°16	11°26	10°38	24°20	S 17
S 18	3 46 8	24°5604	2♎22	26°22	23°R19	28°20	9°45	1°54	11°27	4°30	10°43	12°14	11°22	10°44	24°19	S 18
M19	3 50 5	25°5615	17° 7	27°58	23°18	29° 4	9°41	2° 0	11°27	4°32	10°42	12°13	11°19	10°51	24°18	M19
T 20	3 54 1	26°5627	1♎29	29°34	23°14	29°49	9°38	2° 5	11°27	4°35	10°41	12°11	11°16	10°58	24°16	T 20
W21	3 57 58	27°5641	15°26	1♎9	23° 8	0♎33	9°35	2°10	11°27	4°37	10°40	12°10	11°13	11° 4	24°15	W21
T 22	4 1 54	28°5657	28°56	2°44	22°59	1°18	9°33	2°16	11°26	4°39	10°38	12°D10	11°10	11°11	24°13	T 22
F 23	4 5 51	29°5715	12♎2	4°19	22°48	2° 2	9°30	2°21	11°26	4°41	10°37	12°10	11° 7	11°18	24°12	F 23
S 24	4 9 47	0♎5735	24°48	5°53	22°35	2°47	9°28	2°26	11°26	4°44	10°36	12°11	11° 3	11°24	24°10	S 24
S 25	4 13 44	1°5757	7♎15	7°27	22°19	3°32	9°25	2°31	11°25	4°46	10°35	12°13	11° 0	11°31	24° 9	S 25
M26	4 17 40	2°5821	19°29	9° 1	22° 1	4°16	9°23	2°36	11°25	4°48	10°34	12°14	10°57	11°38	24° 7	M26
T 27	4 21 37	3°5846	1♎32	10°34	21°41	5° 1	9°22	2°41	11°24	4°50	10°33	12°15	10°54	11°44	24° 5	T 27
W28	4 25 34	4°5913	13°27	12° 8	21°18	5°46	9°20	2°46	11°24	4°53	10°32	12°R16	10°51	11°51	24° 3	W28
T 29	4 29 30	5°5942	25°18	13°41	20°53	6°31	9°19	2°50	11°23	4°55	10°31	12°15	10°47	11°58	24° 1	T 29
F 30	4 33 27	7♎013	7♎7	15♎14	20♎27	7♎16	9°18	2♎55	11♎23	4♎57	10♎II29	12♎13	10♎144	12♎4	23♎59	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	14s 7	16s20	0n24	9s15	1n38	28s 7	5s18	23s32	0s56	2n58	1s33	1n41	1n55	17n54	0n36	19s17
F 2	14 26 18 17	1 29 9 55	1 33 28 11	5 19 23 37	0 56 2 56	1 33 1 39	1 55 17 54	0 36 19 17	1 36 8 56	13 12 15 27	15 27 19 25	14 19 6 56				
S 3	14 45 19 26	2 29 10 36	1 28 28 15	5 20 23 42	0 56 2 53	1 33 1 36	1 55 17 54	0 36 19 18	1 36 8 56	13 12 15 27	15 26 19 26	14 19 6 57				
S 4	15 4 19 44	3 24 11 15	1 23 28 18	5 21 23 46	0 57 2 51	1 33 1 34	1 55 17 54	0 36 19 18	1 36 8 56	13 12 15 27	15 25 19 26	14 18 6 57				
M 5	15 22 19 9	4 9 11 55	1 17 28 20	5 21 23 50	0 57 2 49	1 33 1 31	1 56 17 53	0 36 19 19	1 36 8 55	13 12 15 28	15 24 19 26	14 17 6 58				
T 6	15 40 17 43	4 45 12 34	1 11 28 22	5 21 23 54	0 57 2 47	1 32 1 29	1 56 17 53	0 36 19 19	1 36 8 55	13 12 15 28	15 23 19 26	14 17 6 59				
W 7	15 58 15 29	5 8 13 12	1 5 28 23	5 21 23 58	0 58 2 45	1 32 1 27	1 56 17 53	0 37 19 19	1 36 8 55	13 12 15 27	15 22 19 26	14 16 6 59				
T 8	16 16 12 32	5 18 13 50	0 58 28 24	5 20 24 1	0 58 2 43	1 32 1 25	1 56 17 53	0 37 19 20	1 36 8 55	13 12 15 27	15 21 19 27	14 16 7 0				
F 9	16 33 8 57	5 13 14 27	0 52 28 25	5 19 24 4	0 58 2 41	1 32 1 22	1 56 17 53	0 37 19 20	1 36 8 55	13 12 15 27	15 20 19 27	14 15 7 0				
S 10	16 50 4 51	4 52 15 4	0 45 28 24	5 18 24 7	0 59 2 40	1 32 1 20	1 57 17 53	0 37 19 21	1 36 8 54	13 13 15 28	15 19 19 27	14 15 7 1				
S 11	17 7 0 23	4 15 15 39	0 39 28 24	5 16 24 10	0 59 2 38	1 31 1 18	1 57 17 53	0 37 19 21	1 36 8 54	13 13 15 28	15 18 19 27	14 14 7 2				
M12	17 23 4n16	3 22 16 14	0 32 28 22	5 14 24 12	1 0 2 36	1 31 1 16	1 57 17 53	0 37 19 22	1 36 8 54	13 13 15 28	15 17 19 27	14 14 7 2				
T 13	17 40 8 50	2 15 16 48	0 25 28 21	5 11 24 15	1 0 2 35	1 31 1 14	1 57 17 53	0 37 19 22	1 36 8 54	13 13 15 28	15 16 19 28	14 13 7 3				
W14	17 56 13 1	0 57 17 21	0 19 28 18	5 8 24 17	1 0 2 33	1 31 1 11	1 57 17 53	0 37 19 22	1 36 8 54	13 13 15 28	15 15 19 28	14 13 7 4				
T 15	18 11 16 26	0s26 17 54	0 12 28 15	5 5 24 18	1 0 2 32	1 30 1 9	1 58 17 53	0 37 19 23	1 36 8 53	13 13 15 28	15 14 19 28	14 12 7 4				
F 16	18 26 18 45	1 48 18 25	0 5 28 11	5 1 24 20	1 1 2 31	1 30 1 7	1 58 17 53	0 37 19 23	1 36 8 53	13 13 15 28	15 13 19 28	14 12 7 5				
S 17	18 41 19 44	3 3 18 55	0s 2 28 7	4 56 24 21	1 1 2 29	1 30 1 5	1 58 17 53	0 37 19 24	1 36 8 53	13 13 15 28	15 12 19 28	14 11 7 5				
S 18	18 56 19 17	4 4 19 25	0 9 28 2	4 51 24 22	1 1 2 28	1 30 1 3	1 58 17 53	0 37 19 24	1 36 8 53	13 13 15 27	15 11 19 28	14 11 7 6				
M19	19 10 17 31	4 47 19 53	0 15 27 57	4 46 24 23	1 2 2 27	1 29 1 1	1 58 17 53	0 37 19 24	1 36 8 53	13 13 15 27	15 10 19 29	14 11 7 6				
T 20	19 24 14 42	5 11 20 21	0 22 27 50	4 40 24 23	1 2 2 26	1 29 0 59	1 59 17 53	0 37 19 25	1 36 8 52	13 13 15 26	15 9 19 29	14 10 7 7				
W21	19 38 11 7	5 16 20 47	0 29 27 43	4 33 24 24	1 2 2 25	1 29 0 57	1 59 17 53	0 37 19 25	1 36 8 52	13 13 15 26	15 9 19 29	14 10 7 8				
T 22	19 51 7 3	5 3 21 13	0 35 27 36	4 26 24 23	1 3 2 24	1 29 0 55	1 59 17 53	0 37 19 26	1 36 8 52	13 13 15 26	15 8 19 29	14 10 7 8				
F 23	20 4 2 47	4 35 21 37	0 42 27 27	4 18 24 23	1 3 2 24	1 28 0 54	1 59 17 53	0 37 19 26	1 36 8 52	13 13 15 26	15 7 19 29	14 9 7 9				
S 24	20 17 1s31	3 53 22 0	0 48 27 18	4 9 24 23	1 3 2 23	1 28 0 52	1 59 17 53	0 37 19 26	1 36 8 52	13 13 15 26	15 6 19 29	14 9 7 9				
S 25	20 29 5 39	3 2 22 22	0 54 27 8	4 0 24 22	1 3 2 22	1 28 0 50	2 0 17 53	0 37 19 27	1 36 8 52	13 13 15 27	15 5 19 29	14 9 7 10				
M26	20 41 9 29	2 3 22 43	1 0 26 57	3 51 24 21	1 4 2 22	1 28 0 48	2 0 17 54	0 37 19 27	1 36 8 51	13 13 15 27	15 4 19 30	14 9 7 10				
T 27	20 52 12 53	0 59 23 3	1 6 26 46	3 40 24 19	1 4 2 21	1 27 0 47	2 0 17 54	0 37 19 28	1 36 8 51	13 13 15 28	15 3 19 30	14 8 7 11				
W28	21 3 15 43	0n 7 23 22	1 12 26 33	3 30 24 18	1 4 2 21	1 27 0 45	2 0 17 54	0 37 19 28	1 36 8 51	13 13 15 28	15 2 19 30	14 8 7 12				
T 29	21 14 17 52	1 11 23 39	1 18 26 20	3 18 24 16	1 4 2 21	1 27 0 43	2 1 17 54	0 37 19 28	1 36 8 51	13 13 15 28	15 1 19 30	14 8 7 12				
F 30	21s24	19s14	2n13	23s55	1s24	26s 6	3s 6	24s14	1s 4	2n21	1s27	0n42	2n 1	17n54	0n37	19s29

Julian Day Number = 2680855.5, Delta T = 22m03s  
 Ecliptic obliquity = 23°21'21", Nutation = 0°00'10"  
 Ayanamsha: Fagan/Bradley = 33°31'20", Lahiri = 32°38'20"

## ASTRODIENST EPHEMERIS for the year 2627

DECEMBER 2627

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 37 23	8♂ 0'45	18♂55	16♂46	19♂R58	8♂ 1	9♂R17	3♂ 0	11♂R22	4♂59	10♂R28	12♂R10	10♂M41	12♂11	23♂R56	S 1
S 2	4 41 20	9° 1'19	0♂45	18°19	19♂28	8°47	9♂V16	3° 4	11♂Q21	5° 2	10♂I27	12♂ 5	10°38	12°18	23♂54	S 2
M 3	4 45 16	10° 1'53	12°39	19°51	18°56	9°32	9°15	3° 9	11°20	5° 4	10°26	12° 0	10°35	12°24	23°52	M 3
T 4	4 49 13	11° 2'30	24°38	21°23	18°23	10°17	9°15	3°13	11°19	5° 6	10°25	11°55	10°32	12°31	23°49	T 4
W 5	4 53 9	12° 3'07	6♂46	22°55	17°48	11° 2	9♂D15	3°17	11°19	5° 8	10°24	11°50	10°28	12°38	23°47	W 5
T 6	4 57 6	13° 3'45	19° 6	24°26	17°13	11°48	9°15	3°21	11°18	5°11	10°23	11°47	10°25	12°44	23°44	T 6
F 7	5 1 3	14° 4'25	1♂40	25°58	16°37	12°33	9°15	3°25	11°17	5°13	10°22	11°44	10°22	12°51	23°42	F 7
S 8	5 4 59	15° 5'06	14°32	27°29	16° 1	13°19	9°16	3°29	11°15	5°15	10°20	11°D43	10°19	12°58	23°39	S 8
S 9	5 8 56	16° 5'47	27°46	29° 0	15°25	14° 4	9°17	3°33	11°14	5°17	10°19	11°44	10°16	13° 4	23°36	S 9
M10	5 12 52	17° 6'30	11♂25	0♂31	14°48	14°50	9°18	3°37	11°13	5°19	10°18	11°45	10°13	13°11	23°33	M10
T 11	5 16 49	18° 7'13	25°31	2° 1	14°12	15°36	9°19	3°41	11°12	5°22	10°17	11°47	10° 9	13°18	23°31	T 11
W12	5 20 45	19° 7'58	10♂ 2	3°31	13°36	16°21	9°20	3°44	11°11	5°24	10°16	11°R48	10° 6	13°24	23°28	W12
T 13	5 24 42	20° 8'44	24°55	5° 1	13° 2	17° 7	9°22	3°48	11° 9	5°26	10°15	11°47	10° 3	13°31	23°25	T 13
F 14	5 28 38	21° 9'30	10♂ 5	6°30	12°28	17°53	9°24	3°51	11° 8	5°28	10°14	11°45	10° 0	13°38	23°21	F 14
S 15	5 32 35	22°10'18	25°23	7°59	11°56	18°39	9°25	3°54	11° 7	5°30	10°13	11°40	9°57	13°44	23°18	S 15
S 16	5 36 32	23°11'07	10♂36	9°28	11°25	19°25	9°28	3°58	11° 5	5°33	10°12	11°34	9°53	13°51	23°15	S 16
M17	5 40 28	24°11'57	25°36	10°56	10°56	20°11	9°30	4° 1	11° 4	5°35	10°10	11°27	9°50	13°58	23°12	M17
T 18	5 44 25	25°12'48	10♂14	12°23	10°28	20°57	9°33	4° 4	11° 2	5°37	10° 9	11°21	9°47	14° 4	23° 9	T 18
W19	5 48 21	26°13'40	24°24	13°49	10° 3	21°43	9°35	4° 7	11° 0	5°39	10° 8	11°15	9°44	14°11	23° 5	W19
T 20	5 52 18	27°14'34	8♂ 3	15°14	9°40	22°29	9°38	4°10	10°59	5°41	10° 7	11°11	9°41	14°18	23° 2	T 20
F 21	5 56 14	28°15'29	21°15	16°39	9°19	23°15	9°42	4°12	10°57	5°43	10° 6	11° 9	9°38	14°24	22°58	F 21
S 22	6 0 11	29°16'25	4♂ 0	18° 1	9° 0	24° 1	9°45	4°15	10°55	5°45	10° 5	11°D 9	9°34	14°31	22°55	S 22
S 23	6 4 8	0♂17'22	16°24	19°22	8°44	24°47	9°48	4°17	10°54	5°47	10° 4	11°10	9°31	14°38	22°51	S 23
M24	6 8 4	1°18'20	28°32	20°42	8°30	25°34	9°52	4°20	10°52	5°50	10° 3	11°12	9°28	14°44	22°48	M24
T 25	6 12 1	2°19'19	10♂28	21°59	8°19	26°20	9°56	4°22	10°50	5°52	10° 2	11°R12	9°25	14°51	22°44	T 25
W26	6 15 57	3°20'19	22°18	23°13	8°10	27° 6	10° 0	4°24	10°48	5°54	10° 1	11°12	9°22	14°58	22°40	W26
T 27	6 19 54	4°21'21	4♂ 6	24°25	8° 4	27°53	10° 5	4°27	10°46	5°56	10° 0	11° 9	9°19	15° 4	22°37	T 27
F 28	6 23 50	5°22'23	15°53	25°33	8° 0	28°39	10° 9	4°29	10°44	5°58	9°59	11° 3	9°15	15°11	22°33	F 28
S 29	6 27 47	6°23'26	27°44	26°37	7°D59	29°26	10°14	4°30	10°42	6° 0	9°58	10°55	9°12	15°18	22°29	S 29
S 30	6 31 43	7°24'29	9♂40	27°37	8° 0	0♂12	10°19	4°32	10°40	6° 2	9°57	10°45	9° 9	15°24	22°25	S 30
M31	6 35 40	8♂25'33	21♂42	28♂31	8♂ 3	0♂59	10°Y24	4♂34	10♂L38	6♂ 4	9♂I56	10♂L33	9♂ 6	15♂31	22♂21	M31

Day	☉	☽		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	21s34	19s46	3n 8	24s11	1s29	25s52	2s53	24s11	1s 5	2n20	1s26	0n40	2n 1	17n55	0n37	19s29	1n36	8n51	13s13	15s26	14s59	19s30	14n 8	7s13			
S 2	21 44	19 26	3 56	24 24	1 34	25 36	2 40	24 9	1 5	2 20	1 26	0 38	2 1	17 55	0 38	19 30	1 36	8 51	13 13	15 25	14 58	19 30	14 8	7 14			
M 3	21 53	18 13	4 33	24 37	1 39	25 20	2 27	24 6	1 5	2 20	1 26	0 37	2 1	17 55	0 38	19 30	1 36	8 50	13 13	15 23	14 57	19 30	14 8	7 14			
T 4	22 1	16 13	4 59	24 48	1 44	25 3	2 13	24 3	1 5	2 21	1 25	0 35	2 2	17 55	0 38	19 30	1 36	8 50	13 13	15 21	14 56	19 31	14 7	7 15			
W 5	22 9	13 29	5 12	24 58	1 49	24 46	1 58	23 59	1 5	2 21	1 25	0 34	2 2	17 56	0 38	19 31	1 36	8 50	13 13	15 20	14 55	19 31	14 7	7 15			
T 6	22 17	10 7	5 10	25 7	1 53	24 28	1 44	23 55	1 6	2 21	1 25	0 32	2 2	17 56	0 38	19 31	1 36	8 50	13 13	15 19	14 54	19 31	14 7	7 16			
F 7	22 25	6 15	4 54	25 15	1 57	24 9	1 29	23 51	1 6	2 22	1 25	0 31	2 2	17 56	0 38	19 32	1 36	8 50	13 13	15 18	14 53	19 31	14 7	7 16			
S 8	22 31	2 1	4 23	25 21	2 1	23 50	1 13	23 47	1 6	2 22	1 24	0 30	2 3	17 57	0 38	19 32	1 36	8 50	13 13	15 18	14 52	19 31	14 7	7 16			
S 9	22 38	2n27	3 37	25 25	2 4	23 31	0 58	23 43	1 6	2 23	1 24	0 28	2 3	17 57	0 38	19 32	1 36	8 50	13 13	15 18	14 51	19 31	14 7	7 17			
M10	22 44	6 56	2 38	25 29	2 8	23 12	0 42	23 38	1 6	2 23	1 24	0 27	2 3	17 57	0 38	19 33	1 36	8 50	13 13	15 19	14 50	19 31	14 7	7 17			
T 11	22 50	11 12	1 28	25 31	2 11	22 52	0 27	23 33	1 6	2 24	1 24	0 26	2 3	17 58	0 38	19 33	1 36	8 50	13 13	15 19	14 49	19 31	14 7	7 18			
W12	22 55	14 55	0 10	25 32	2 13	22 32	0 11	23 28	1 7	2 25	1 23	0 25	2 4	17 58	0 38	19 34	1 36	8 50	13 13	15 19	14 48	19 31	14 7	7 18			
T 13	22 59	17 47	1s11	25 31	2 16	22 13	0n 4	23 22	1 7	2 26	1 23	0 24	2 4	17 58	0 38	19 34	1 36	8 50	13 13	15 19	14 47	19 31	14 7	7 19			
F 14	23 4	19 27	2 28	25 29	2 17	21 53	0 20	23 16	1 7	2 26	1 23	0 23	2 4	17 59	0 38	19 34	1 36	8 50	13 13	15 18	14 46	19 31	14 8	7 19			
S 15	23 8	19 42	3 35	25 26	2 19	21 34	0 35	23 10	1 7	2 28	1 22	0 21	2 4	17 59	0 38	19 35	1 36	8 49	13 12	15 17	14 45	19 31	14 8	7 19			
S 16	23 11	18 31	4 26	25 21	2 20	21 15	0 49	23 4	1 7	2 29	1 22	0 20	2 5	18 0	0 38	19 35	1 36	8 49	13 12	15 15	14 44	19 31	14 8	7 20			
M17	23 14	16 4	4 58	25 15	2 21	20 57	1 4	22 57	1 7	2 30	1 22	0 19	2 5	18 0	0 38	19 35	1 36	8 49	13 12	15 13	14 43	19 31	14 8	7 20			
T 18	23 16	12 39	5 9	25 7	2 21	20 39	1 18	22 50	1 7	2 31	1 22	0 18	2 5	18 1	0 38	19 36	1 36	8 49	13 12	15 11	14 42	19 31	14 8	7 21			
W19	23 18	8 36	5 1	24 58	2 20	20 22	1 32	22 43	1 7	2 32	1 21	0 18	2 6	18 1	0 38	19 36	1 36	8 49	13 12	15 9	14 41	19 32	14 8	7 21			
T 20	23 20	4 14	4 36	24 48	2 19	20 5	1 45	22 36	1 8	2 34	1 21	0 17	2 6	18 2	0 38	19 36	1 36	8 49	13 12	15 8	14 40	19 32	14 9	7 21			
F 21	23 21	0s11	3 57	24 36	2 18	19 49	1 58	22 28	1 8	2 35	1 21	0 16	2 6	18 2	0 38	19 37	1 36	8 49	13 12	15 7	14 39	19 32	14 9	7 22			
S 22	23 21	4 27	3 7	24 23	2 16	19 34	2 11	22 20	1 8	2 37	1 20	0 15	2 6	18 3	0 38	19 37	1 36	8 49	13 12	15 7	14 38	19 32	14 9	7 22			
S 23	23 21	8 26	2 10	24 9	2 13	19 20	2 23	22 12	1 8	2 39	1 20	0 14	2 7	18 3	0 38	19 38	1 36	8 49	13 12	15 8	14 37	19 32	14 9	7 22			
M24	23 21	11 58	1 8	23 54	2 10	19 7	2 34	22 4	1 8	2 40	1 20	0 14	2 7	18 4	0 38	19 38	1 36	8 49	13 11	15 8	14 36	19 32	14 10	7 22			
T 25	23 20	14 58	0 4	23 38	2 5	18 54	2 45	21 55	1 8	2 42	1 20	0 13	2 7	18 4	0 38	19 38	1 36	8 49	13 11	15 8	14 35	19 32	14 10	7 23			
W26	23 19	17 19	1n 0	23 20	2 0	18 43	2 55	21 46	1 8	2 44	1 19	0 12	2 7	18 5	0 38	19 39	1 36	8 49	13 11	15 8	14 34	19 32	14 10	7 23			
T 27	23 17	18 56	2 0	23 2	1 54	18 32	3 5	21 37	1 8	2 46	1 19	0 12	2 8	18 5	0 38	19 39	1 36	8 49	13 11	15 7	14 33	19 32	14 10	7 23			
F 28	23 15	19 42	2 55	22 43	1 47	18 22	3 14	21 28	1 8	2 48	1 19	0 11	2 8	18 6	0 38	19 39	1 36	8 49	13 11	15 5	14 32	19 32	14 11	7 24			
S 29	23 12	19 37	3 43	22 23	1 40	18 13	3 23	21 18	1 8	2 50	1 18	0 11	2 8	18 6	0 38	19 39	1 36	8 49	13 11	15 3	14 31	19 32	14 11	7 24			
S 30	23 9	18 40	4 21	22 3	1 31	18 5	3 31	21 9	1 8	2 52	1 18	0 10	2 9	18 7	0 38	19 40	1 36	8 49	13 11	15 0	14 30	19 32	14 11	7 24			
M31	23s 5	16s52	4n48	21s42	1s21	17s58	3n39	20s59	1s 8	2n54	1s18	0n10	2n 9	18n 7	0n38	19s40	1n36	8n49	13s10	14s56	14s29	19s32	14n12	7s24			

## ASTRODIENST EPHEMERIS for the year 2628

JANUARY 2628

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 39 37	9°26'38	3°52	29°19	8°9	1°46	10°29	4°35	10°R36	6°7	9°R55	10°R21	9°M 3	15°38	22°R18	T 1
W 2	6 43 33	10°27'43	16°10	0°0	8°17	2°32	10°35	4°37	10°R34	6°8	9°R54	10°M10	8°59	15°44	22°R14	W 2
T 3	6 47 30	11°28'48	28°38	0°33	8°28	3°19	10°40	4°38	10°32	6°10	9°53	10°1	8°56	15°51	22°10	T 3
F 4	6 51 26	12°29'53	11°18	0°58	8°40	4°6	10°46	4°40	10°30	6°12	9°52	9°54	8°53	15°58	22°6	F 4
S 5	6 55 23	13°30'59	24°12	1°13	8°55	4°52	10°52	4°41	10°27	6°13	9°51	9°50	8°50	16°5	22°2	S 5
S 6	6 59 19	14°32'05	7°22	1°R18	9°12	5°39	10°58	4°42	10°25	6°15	9°50	9°48	8°47	16°11	21°58	S 6
M 7	7 3 16	15°33'10	20°51	1°11	9°31	6°26	11°5	4°43	10°23	6°17	9°49	9°D48	8°44	16°18	21°54	M 7
T 8	7 7 12	16°34'16	4°42	0°53	9°51	7°13	11°11	4°43	10°21	6°19	9°49	9°R48	8°40	16°25	21°50	T 8
W 9	7 11 9	17°35'22	18°55	0°23	10°14	8°0	11°18	4°44	10°18	6°21	9°48	9°48	8°37	16°31	21°46	W 9
T 10	7 15 6	18°36'28	3°29	29°41	10°38	8°47	11°25	4°45	10°16	6°23	9°47	9°46	8°34	16°38	21°42	T 10
F 11	7 19 2	19°37'34	18°22	28°48	11°5	9°34	11°32	4°45	10°13	6°24	9°46	9°41	8°31	16°45	21°38	F 11
S 12	7 22 59	20°38'39	3°26	27°45	11°33	10°21	11°39	4°46	10°11	6°26	9°45	9°34	8°28	16°51	21°34	S 12
S 13	7 26 55	21°39'45	18°32	26°34	12°2	11°8	11°46	4°46	10°9	6°28	9°44	9°24	8°25	16°58	21°30	S 13
M14	7 30 52	22°40'51	3°21	25°18	12°33	11°55	11°54	4°46	10°6	6°30	9°44	9°12	8°21	17°5	21°26	M14
T 15	7 34 48	23°41'57	18°12	23°57	13°6	12°42	12°1	4°R46	10°4	6°31	9°43	9°1	8°18	17°11	21°22	T 15
W16	7 38 45	24°43'03	2°29	22°36	13°40	13°29	12°9	4°46	10°1	6°33	9°42	8°51	8°15	17°18	21°18	W16
T 17	7 42 41	25°44'09	16°17	21°17	14°16	14°16	12°17	4°46	9°59	6°34	9°41	8°43	8°12	17°25	21°13	T 17
F 18	7 46 38	26°45'15	29°35	20°1	14°53	15°3	12°25	4°45	9°56	6°36	9°41	8°38	8°9	17°31	21°9	F 18
S 19	7 50 35	27°46'22	12°26	18°52	15°31	15°50	12°33	4°45	9°54	6°38	9°40	8°35	8°5	17°38	21°5	S 19
S 20	7 54 31	28°47'28	24°54	17°51	16°10	16°37	12°42	4°45	9°51	6°39	9°39	8°D34	8°2	17°45	21°1	S 20
M21	7 58 28	29°48'35	7°M 3	16°59	16°51	17°25	12°50	4°44	9°49	6°41	9°38	8°R34	7°59	17°51	20°57	M21
T 22	8 2 24	0°49'42	18°59	16°16	17°33	18°12	12°59	4°43	9°46	6°42	9°38	8°34	7°56	17°58	20°53	T 22
W23	8 6 21	1°50'48	0°49	15°43	18°16	18°59	13°8	4°42	9°43	6°44	9°37	8°32	7°53	18°5	20°49	W23
T 24	8 10 17	2°51'55	12°36	15°20	19°0	19°46	13°17	4°41	9°41	6°45	9°36	8°28	7°50	18°11	20°45	T 24
F 25	8 14 14	3°53'02	24°25	15°7	19°45	20°34	13°26	4°40	9°38	6°47	9°36	8°21	7°46	18°18	20°42	F 25
S 26	8 18 10	4°54'08	6°39	15°D 2	20°31	21°21	13°35	4°39	9°36	6°48	9°35	8°11	7°43	18°25	20°38	S 26
S 27	8 22 7	5°55'15	18°23	15°6	21°18	22°8	13°44	4°38	9°33	6°49	9°35	7°58	7°40	18°31	20°34	S 27
M28	8 26 4	6°56'20	0°36	15°18	22°6	22°56	13°54	4°37	9°30	6°51	9°34	7°44	7°37	18°38	20°30	M28
T 29	8 30 0	7°57'26	12°59	15°37	22°55	23°43	14°3	4°35	9°28	6°52	9°34	7°29	7°34	18°45	20°26	T 29
W30	8 33 57	8°58'30	25°34	16°3	23°44	24°30	14°13	4°33	9°25	6°53	9°33	7°15	7°31	18°51	20°22	W30
T 31	8 37 53	9°59'34	8°19	16°35	24°35	25°18	14°23	4°32	9°23	6°55	9°33	7°M 3	7°M27	18°58	20°19	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	23s 1	14s19	5n 2	21s21	1s10	17s52	3n46	20s48	1s 8	2n57	1s18	0n10	2n 9	18n 8	0n38	T 1
W 2	22 57	11 7	5 2	21 1	0 57	17 47	3 53	20 38	1 8	2 59	1 17	0 9	2 9	18 9	0 39	W 2
T 3	22 52	7 24	4 48	20 41	0 44	17 42	3 59	20 27	1 8	3 2	1 17	0 9	2 10	18 9	0 39	T 3
F 4	22 46	3 17	4 20	20 21	0 29	17 39	4 4	20 16	1 8	3 4	1 17	0 9	2 10	18 10	0 39	F 4
S 5	22 40	1n 3	3 38	20 2	0 13	17 36	4 10	20 5	1 8	3 7	1 17	0 9	2 10	18 11	0 39	S 5
S 6	22 34	5 25	2 44	19 45	0n 3	17 33	4 15	19 53	1 8	3 9	1 16	0 8	2 11	18 11	0 39	S 6
M 7	22 27	9 39	1 39	19 29	0 21	17 32	4 19	19 42	1 8	3 12	1 16	0 8	2 11	18 12	0 39	M 7
T 8	22 20	13 28	0 27	19 14	0 40	17 31	4 23	19 30	1 8	3 15	1 16	0 8	2 11	18 12	0 39	T 8
W 9	22 12	16 37	0s48	19 2	0 59	17 31	4 26	19 18	1 8	3 18	1 16	0 8	2 11	18 13	0 39	W 9
T 10	22 4	18 46	2 2	18 52	1 19	17 31	4 30	19 6	1 8	3 20	1 15	0 8	2 12	18 14	0 39	T 10
F 11	21 56	19 42	3 10	18 44	1 38	17 32	4 32	18 53	1 8	3 23	1 15	0 8	2 12	18 14	0 39	F 11
S 12	21 47	19 14	4 4	18 38	1 57	17 33	4 35	18 40	1 8	3 26	1 15	0 8	2 12	18 15	0 39	S 12
S 13	21 37	17 25	4 42	18 34	2 14	17 35	4 37	18 28	1 8	3 30	1 15	0 9	2 13	18 16	0 39	S 13
M14	21 27	14 26	5 0	18 32	2 31	17 37	4 39	18 14	1 8	3 33	1 14	0 9	2 13	18 16	0 39	M14
T 15	21 17	10 36	4 58	18 32	2 45	17 40	4 40	18 1	1 7	3 36	1 14	0 9	2 13	18 17	0 39	T 15
W16	21 6	6 15	4 37	18 34	2 57	17 43	4 41	17 48	1 7	3 39	1 14	0 9	2 13	18 18	0 39	W16
T 17	20 55	1 42	4 0	18 37	3 6	17 46	4 42	17 34	1 7	3 42	1 14	0 10	2 14	18 18	0 39	T 17
F 18	20 44	2s45	3 11	18 41	3 13	17 49	4 43	17 20	1 7	3 46	1 13	0 10	2 14	18 19	0 39	F 18
S 19	20 32	6 57	2 14	18 46	3 18	17 53	4 43	17 6	1 7	3 49	1 13	0 10	2 14	18 20	0 39	S 19
S 20	20 20	10 43	1 12	18 52	3 20	17 57	4 43	16 52	1 7	3 53	1 13	0 11	2 15	18 21	0 39	S 20
M21	20 7	13 57	0 8	18 59	3 20	18 1	4 43	16 37	1 7	3 56	1 13	0 11	2 15	18 21	0 39	M21
T 22	19 54	16 31	0n55	19 6	3 18	18 6	4 42	16 23	1 7	4 0	1 12	0 12	2 15	18 22	0 39	T 22
W23	19 41	18 22	1 55	19 14	3 14	18 10	4 41	16 8	1 6	4 3	1 12	0 13	2 15	18 23	0 39	W23
T 24	19 27	19 25	2 50	19 22	3 8	18 15	4 40	15 53	1 6	4 7	1 12	0 13	2 16	18 23	0 39	T 24
F 25	19 13	19 37	3 37	19 30	3 2	18 19	4 39	15 38	1 6	4 11	1 12	0 14	2 16	18 24	0 39	F 25
S 26	18 58	18 57	4 15	19 38	2 54	18 24	4 38	15 23	1 6	4 14	1 12	0 15	2 16	18 25	0 39	S 26
S 27	18 44	17 26	4 43	19 46	2 45	18 28	4 36	15 7	1 6	4 18	1 11	0 15	2 16	18 25	0 39	S 27
M28	18 28	15 7	4 57	19 54	2 36	18 33	4 35	14 52	1 6	4 22	1 11	0 16	2 17	18 26	0 39	M28
T 29	18 13	12 5	4 58	20 1	2 27	18 38	4 33	14 36	1 5	4 26	1 11	0 17	2 17	18 27	0 39	T 29
W30	17 57	8 29	4 45	20 8	2 17	18 42	4 31	14 20	1 5	4 30	1 11	0 18	2 17	18 28	0 39	W30
T 31	17s41	4s27	4n17	20s14	2n 6	18s47	4n28	14s 4	1s 5	4n34	1s11	0n19	2n18	18n28	0n39	T 31

Julian Day Number = 2680916.5, Delta T = 22m04s

Ecliptic obliquity = 23°21'20, Nutation = 0°00'12

Ayanamsha: Fagan/Bradley = 33°31'28, Lahiri = 32°38'28

## ASTRODIENST EPHEMERIS for the year 2628

FEBRUARY 2628

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8 41 50	11°03'38"	21°15'15"	17°12'12"	25°26'26"	26°05'55"	14°33'33"	4°R30	9°R20	6°56'56"	9°R32	6°R54	7°M24	19°57'57"	20°R15	F 1
S 2	8 45 46	12°14'00"	4°V22	17°54'54"	26°18'18"	26°52'52"	14°43'43"	4°28'28"	9°17'17"	6°57'57"	9°II32	6°M48	7°21'21"	19°11'11"	20°25'25"	S 2
S 3	8 49 43	13°24'24"	17°41'41"	18°41'41"	27°10'10"	27°40'40"	14°53'53"	4°26'26"	9°15'15"	6°58'58"	9°31'31"	6°44'44"	7°18'18"	19°18'18"	20°7'7"	S 3
M 4	8 53 39	14°34'34"	18°12'12"	19°31'31"	28°3'3"	28°27'27"	15°4'4"	4°24'24"	9°12'12"	6°59'59"	9°31'31"	6°43'43"	7°15'15"	19°25'25"	20°4'4"	M 4
T 5	8 57 36	15°44'24"	14°58'58"	20°26'26"	28°57'57"	29°15'15"	15°14'14"	4°22'22"	9°10'10"	7°1'1"	9°30'30"	6°43'43"	7°11'11"	19°32'32"	20°0'0"	T 5
W 6	9 1 33	16°54'14"	28°58'58"	21°23'23"	29°52'52"	0°H2'2"	15°25'25"	4°19'19"	9°7'7"	7°2'2"	9°30'30"	6°43'43"	7°8'8"	19°38'38"	19°57'57"	W 6
T 7	9 5 29	17°63'39"	13°II14	22°24'24"	0°Z47'47"	0°50'50"	15°36'36"	4°17'17"	9°4'4"	7°3'3"	9°30'30"	6°41'41"	7°5'5"	19°45'45"	19°53'53"	T 7
F 8	9 9 26	18°73'55"	27°43'43"	23°27'27"	1°42'42"	1°37'37"	15°46'46"	4°15'15"	9°2'2"	7°4'4"	9°29'29"	6°36'36"	7°2'2"	19°52'52"	19°50'50"	F 8
S 9	9 13 22	19°83'31"	12°22'22"	24°32'32"	2°39'39"	2°25'25"	15°57'57"	4°12'12"	8°59'59"	7°5'5"	9°29'29"	6°29'29"	6°59'59"	19°58'58"	19°47'47"	S 9
S 10	9 17 19	20°92'55"	27°4'4"	25°40'40"	3°35'35"	3°12'12"	16°8'8"	4°9'9"	8°57'57"	7°6'6"	9°29'29"	6°19'19"	6°56'56"	20°5'5"	19°43'43"	S 10
M11	9 21 15	21°10'18"	11°24'24"	26°50'50"	4°33'33"	4°0'0"	16°19'19"	4°7'7"	8°54'54"	7°7'7"	9°29'29"	6°7'7"	6°52'52"	20°12'12"	19°40'40"	M11
T 12	9 25 12	22°11'11"	26°10'10"	28°2'2"	5°31'31"	4°47'47"	16°31'31"	4°4'4"	8°52'52"	7°7'7"	9°28'28"	5°56'56"	6°49'49"	20°18'18"	19°37'37"	T 12
W13	9 29 8	23°12'02"	10°II18	29°16'16"	6°29'29"	5°34'34"	16°42'42"	4°1'1"	8°49'49"	7°8'8"	9°28'28"	5°45'45"	6°46'46"	20°25'25"	19°34'34"	W13
T 14	9 33 5	24°12'52"	24°3'3"	0°31'31"	7°28'28"	6°22'22"	16°53'53"	3°58'58"	8°47'47"	7°9'9"	9°28'28"	5°36'36"	6°43'43"	20°32'32"	19°31'31"	T 14
F 15	9 37 2	25°13'41"	7°22'22"	1°48'48"	8°27'27"	7°9'9"	17°5'5"	3°55'55"	8°44'44"	7°10'10"	9°28'28"	5°30'30"	6°40'40"	20°38'38"	19°28'28"	F 15
S 16	9 40 58	26°14'30"	20°16'16"	3°6'6"	9°26'26"	7°57'57"	17°17'17"	3°51'51"	8°42'42"	7°11'11"	9°28'28"	5°27'27"	6°37'37"	20°45'45"	19°25'25"	S 16
S 17	9 44 55	27°15'17"	2°M48'48"	4°26'26"	10°27'27"	8°44'44"	17°28'28"	3°48'48"	8°39'39"	7°11'11"	9°27'27"	5°D26'26"	6°33'33"	20°52'52"	19°22'22"	S 17
M18	9 48 51	28°16'04"	15°1'1"	5°46'46"	11°27'27"	9°32'32"	17°40'40"	3°45'45"	8°37'37"	7°12'12"	9°27'27"	5°26'26"	6°30'30"	20°58'58"	19°19'19"	M18
T 19	9 52 48	29°16'50"	27°0'0"	7°9'9"	12°28'28"	10°19'19"	17°52'52"	3°41'41"	8°34'34"	7°13'13"	9°27'27"	5°R27'27"	6°27'27"	21°5'5"	19°16'16"	T 19
W20	9 56 44	0°H17'34"	8°25'25"	8°32'32"	13°29'29"	11°7'7"	18°4'4"	3°38'38"	8°32'32"	7°13'13"	9°27'27"	5°26'26"	6°24'24"	21°12'12"	19°13'13"	W20
T 21	10 0 41	1°18'18"	20°41'41"	9°56'56"	14°31'31"	11°54'54"	18°16'16"	3°34'34"	8°30'30"	7°14'14"	9°27'27"	5°24'24"	6°21'21"	21°18'18"	19°11'11"	T 21
F 22	10 4 37	2°19'01"	2°Z32'32"	11°21'21"	15°33'33"	12°42'42"	18°28'28"	3°31'31"	8°27'27"	7°15'15"	9°27'27"	5°20'20"	6°17'17"	21°25'25"	19°8'8"	F 22
S 23	10 8 34	3°19'43"	14°30'30"	12°48'48"	16°35'35"	13°29'29"	18°41'41"	3°27'27"	8°25'25"	7°15'15"	9°D27'27"	5°13'13"	6°14'14"	21°32'32"	19°6'6"	S 23
S 24	10 12 31	4°20'24"	26°39'39"	14°15'15"	17°38'38"	14°17'17"	18°53'53"	3°23'23"	8°23'23"	7°16'16"	9°27'27"	5°3'3"	6°11'11"	21°38'38"	19°3'3"	S 24
M25	10 16 27	5°21'03"	9°22'22"	15°44'44"	18°41'41"	15°4'4"	19°5'5"	3°19'19"	8°20'20"	7°16'16"	9°27'27"	4°53'53"	6°8'8"	21°45'45"	19°1'1"	M25
T 26	10 20 24	6°21'42"	21°38'38"	17°13'13"	19°44'44"	15°52'52"	19°18'18"	3°15'15"	8°18'18"	7°16'16"	9°27'27"	4°41'41"	6°5'5"	21°52'52"	18°59'59"	T 26
W27	10 24 20	7°22'18"	4°H30'30"	18°43'43"	20°48'48"	16°39'39"	19°30'30"	3°11'11"	8°16'16"	7°17'17"	9°27'27"	4°30'30"	6°2'2"	21°59'59"	18°57'57"	W27
T 28	10 28 17	8°22'54"	17°36'36"	20°14'14"	21°51'51"	17°26'26"	19°43'43"	3°7'7"	8°14'14"	7°17'17"	9°27'27"	4°21'21"	5°58'58"	22°5'5"	18°54'54"	T 28
F 29	10 32 13	9°H23'28"	0°V55'55"	21°47'47"	22°Z55'55"	18°H14'14"	19°V56'56"	3°23'23"	8°12'12"	7°18'18"	9°II27'27"	4°M14'14"	5°M55'55"	22°H12'12"	18°Z52'52"	F 29

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	17s24	0s 9	3n35	20s20	1n56	18s51	4n26	13s48	1s 5	4n38	1s10	0n20	2n18	18n29	0n39	19s48
S 2	17 8	4n13	2 42	20 25	1 46	18 55	4 23	13 31	1 5	4 42	1 10	0 21	2 18	18 30	0 39	19 48
S 3	16 50	8 26	1 39	20 29	1 35	18 59	4 21	13 15	1 4	4 46	1 10	0 22	2 18	18 30	0 39	19 48
M 4	16 33	12 18	0 29	20 33	1 25	19 3	4 18	12 58	1 4	4 50	1 10	0 23	2 19	18 31	0 39	19 48
T 5	16 15	15 34	0s43	20 35	1 14	19 6	4 15	12 42	1 4	4 55	1 10	0 24	2 19	18 32	0 39	19 48
W 6	15 57	17 59	1 55	20 36	1 4	19 10	4 12	12 25	1 4	4 59	1 9	0 25	2 19	18 32	0 39	19 48
T 7	15 39	19 20	3 0	20 37	0 54	19 13	4 8	12 8	1 3	5 3	1 9	0 26	2 19	18 33	0 39	19 49
F 8	15 21	19 25	3 55	20 36	0 44	19 16	4 5	11 51	1 3	5 8	1 9	0 27	2 20	18 34	0 39	19 49
S 9	15 2	18 13	4 35	20 35	0 34	19 18	4 2	11 34	1 3	5 12	1 9	0 29	2 20	18 35	0 39	19 49
S 10	14 43	15 48	4 57	20 32	0 25	19 21	3 58	11 16	1 3	5 16	1 9	0 30	2 20	18 35	0 39	19 49
M11	14 24	12 25	5 0	20 28	0 15	19 23	3 54	10 59	1 2	5 21	1 8	0 31	2 20	18 36	0 39	19 49
T 12	14 4	8 19	4 43	20 23	0 6	19 24	3 50	10 41	1 2	5 25	1 8	0 33	2 21	18 37	0 39	19 49
W13	13 44	3 50	4 9	20 17	0s 3	19 26	3 47	10 24	1 2	5 30	1 8	0 34	2 21	18 37	0 39	19 49
T 14	13 24	0s43	3 21	20 9	0 11	19 27	3 43	10 6	1 1	5 34	1 8	0 35	2 21	18 38	0 39	19 49
F 15	13 4	5 7	2 23	20 1	0 20	19 27	3 39	9 48	1 1	5 39	1 8	0 37	2 21	18 38	0 39	19 49
S 16	12 44	9 8	1 20	19 51	0 28	19 27	3 34	9 30	1 1	5 43	1 7	0 38	2 21	18 39	0 39	19 49
S 17	12 23	12 37	0 14	19 40	0 36	19 27	3 30	9 12	1 1	5 48	1 7	0 40	2 22	18 40	0 39	19 49
M18	12 2	15 28	0n51	19 28	0 43	19 27	3 26	8 54	1 0	5 53	1 7	0 41	2 22	18 40	0 39	19 50
T 19	11 41	17 36	1 52	19 14	0 51	19 26	3 22	8 36	1 0	5 57	1 7	0 43	2 22	18 41	0 39	19 50
W20	11 20	18 56	2 48	19 0	0 58	19 24	3 17	8 18	1 0	6 2	1 7	0 44	2 22	18 42	0 39	19 50
T 21	10 58	19 25	3 37	18 44	1 5	19 22	3 13	7 59	0 59	6 7	1 7	0 46	2 22	18 42	0 39	19 50
F 22	10 37	19 4	4 16	18 27	1 11	19 20	3 8	7 41	0 59	6 11	1 7	0 48	2 23	18 43	0 39	19 50
S 23	10 15	17 51	4 45	18 9	1 17	19 18	3 4	7 22	0 59	6 16	1 6	0 49	2 23	18 43	0 39	19 50
S 24	9 53	15 50	5 1	17 49	1 23	19 14	2 59	7 4	0 58	6 21	1 6	0 51	2 23	18 44	0 39	19 50
M25	9 31	13 3	5 3	17 29	1 29	19 11	2 54	6 45	0 58	6 26	1 6	0 53	2 23	18 45	0 39	19 50
T 26	9 9	9 39	4 51	17 7	1 34	19 7	2 50	6 26	0 57	6 31	1 6	0 54	2 23	18 45	0 39	19 50
W27	8 46	5 43	4 24	16 44	1 39	19 2	2 45	6 8	0 57	6 35	1 6	0 56	2 24	18 46	0 39	19 50
T 28	8 24	1 28	3 43	16 19	1 43	18 57	2 40	5 49	0 57	6 40	1 6	0 58	2 24	18 46	0 39	19 50
F 29	8s 1	2n56	2n48	15s54	1s48	18s52	2n35	5s30	0s56	6n45	1s 5	1n 0	2n24	18n47	0n39	19s50

Julian Day Number = 2680947.5, Delta T = 22m04s

Ecliptic obliquity = 23°21'20", Nutation = 0°00'12"

Ayanamsha: Fagan/Bradley = 33°31'32", Lahiri = 32°38'32"

## ASTRODIENST EPHEMERIS for the year 2628

MARCH 2628

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 36 10	10 <sup>h</sup> 24'00	14 <sup>h</sup> 25	23 <sup>h</sup> 20	24 <sup>h</sup> 30	19 <sup>h</sup> 41	20 <sup>h</sup> 07	2 <sup>h</sup> 05	8 <sup>h</sup> 10	7 <sup>h</sup> 18	9 <sup>h</sup> 28	4 <sup>h</sup> 10	5 <sup>h</sup> 49	22 <sup>h</sup> 19	18 <sup>h</sup> 50	S 1
S 2	10 40 6	11 <sup>h</sup> 24'31	28° 5	24°54	25° 4	19°49	20°21	2 <sup>h</sup> 55	8 <sup>h</sup> 07	7°18	9°28	4°D 8	5°49	22°25	18°49	S 2
M 3	10 44 3	12°25'00	11 <sup>h</sup> 53	26°29	26° 9	20°36	20°34	2°50	8° 5	7°18	9°28	4 <sup>h</sup> 08	5°46	22°32	18°47	M 3
T 4	10 47 59	13°25'27	25°48	28° 5	27°14	21°23	20°47	2°46	8° 3	7°19	9°28	4° 9	5°42	22°39	18°45	T 4
W 5	10 51 56	14°25'52	9 <sup>h</sup> 50	29°41	28°19	22°11	21° 0	2°41	8° 1	7°19	9°28	4°R10	5°39	22°45	18°43	W 5
T 6	10 55 53	15°26'16	23°58	1 <sup>h</sup> 19	29°25	22°58	21°13	2°37	8° 0	7°19	9°29	4°10	5°36	22°52	18°42	T 6
F 7	10 59 49	16°26'37	8 <sup>h</sup> 11	2°58	0 <sup>h</sup> 31	23°45	21°27	2°33	7°58	7°19	9°29	4° 8	5°33	22°59	18°40	F 7
S 8	11 3 46	17°26'57	22°26	4°38	1°36	24°33	21°40	2°28	7°56	7°19	9°29	4° 3	5°30	23° 5	18°39	S 8
S 9	11 7 42	18°27'14	6 <sup>h</sup> 40	6°19	2°43	25°20	21°53	2°24	7°54	7°19	9°29	3°57	5°27	23°12	18°38	S 9
M10	11 11 39	19°27'30	20°50	8° 0	3°49	26° 7	22° 7	2°19	7°52	7°19	9°30	3°50	5°23	23°19	18°37	M10
T 11	11 15 35	20°27'44	4 <sup>h</sup> 49	9°43	4°55	26°54	22°20	2°14	7°50	7°19	9°30	3°43	5°20	23°25	18°35	T 11
W12	11 19 32	21°27'56	18°35	11°27	6° 2	27°42	22°33	2°10	7°49	7°19	9°31	3°36	5°17	23°32	18°34	W12
T 13	11 23 28	22°28'06	2 <sup>h</sup> 13	13°12	7° 9	28°29	22°47	2° 5	7°47	7°19	9°31	3°31	5°14	23°39	18°33	T 13
F 14	11 27 25	23°28'14	15°12	14°58	8°16	29°16	23° 1	2° 0	7°45	7°19	9°31	3°27	5°11	23°46	18°33	F 14
S 15	11 31 22	24°28'21	28° 0	16°45	9°23	0 <sup>h</sup> 3	23°14	1°56	7°44	7°18	9°32	3°D25	5° 8	23°52	18°32	S 15
S 16	11 35 18	25°28'26	10 <sup>h</sup> 30	18°33	10°30	0°50	23°28	1°51	7°42	7°18	9°32	3°26	5° 4	23°59	18°31	S 16
M17	11 39 15	26°28'30	22°44	20°22	11°38	1°37	23°42	1°46	7°41	7°18	9°33	3°27	5° 1	24° 6	18°30	M17
T 18	11 43 11	27°28'32	4 <sup>h</sup> 46	22°12	12°46	2°25	23°55	1°41	7°39	7°18	9°33	3°29	4°58	24°12	18°30	T 18
W19	11 47 8	28°28'33	16°40	24° 4	13°53	3°12	24° 9	1°37	7°38	7°17	9°34	3°30	4°55	24°19	18°30	W19
T 20	11 51 4	29°28'31	28°30	25°56	15° 1	3°59	24°23	1°32	7°37	7°17	9°34	3°R31	4°52	24°26	18°29	T 20
F 21	11 55 1	0 <sup>h</sup> 28'29	10 <sup>h</sup> 23	27°50	16°10	4°46	24°37	1°27	7°35	7°17	9°35	3°30	4°48	24°32	18°29	F 21
S 22	11 58 57	1°28'25	22°23	29°44	17°18	5°33	24°51	1°22	7°34	7°16	9°35	3°28	4°45	24°39	18°29	S 22
S 23	12 2 54	2°28'19	4 <sup>h</sup> 34	1 <sup>h</sup> 40	18°26	6°20	25° 5	1°18	7°33	7°16	9°36	3°25	4°42	24°46	18°D29	S 23
M24	12 6 51	3°28'11	17° 1	3°36	19°35	7° 7	25°19	1°13	7°32	7°15	9°37	3°20	4°39	24°52	18°29	M24
T 25	12 10 47	4°28'02	29°45	5°34	20°43	7°53	25°33	1° 8	7°31	7°15	9°37	3°16	4°36	24°59	18°29	T 25
W26	12 14 44	5°27'50	12 <sup>h</sup> 49	7°32	21°52	8°40	25°47	1° 3	7°30	7°14	9°38	3°11	4°33	25° 6	18°29	W26
T 27	12 18 40	6°27'37	26°12	9°31	23° 1	9°27	26° 1	0°58	7°29	7°14	9°39	3° 7	4°29	25°12	18°29	T 27
F 28	12 22 37	7°27'22	9 <sup>h</sup> 53	11°30	24°10	10°14	26°15	0°54	7°28	7°13	9°39	3° 4	4°26	25°19	18°30	F 28
S 29	12 26 33	8°27'06	23°48	13°30	25°19	11° 1	26°29	0°49	7°27	7°12	9°40	3° 3	4°23	25°26	18°30	S 29
S 30	12 30 30	9°26'47	7 <sup>h</sup> 55	15°31	26°28	11°48	26°44	0°44	7°26	7°12	9°41	3°D 2	4°20	25°33	18°31	S 30
M31	12 34 26	10 <sup>h</sup> 26'26	22 <sup>h</sup> 10	17 <sup>h</sup> 31	27 <sup>h</sup> 37	12 <sup>h</sup> 34	26 <sup>h</sup> 58	0 <sup>h</sup> 40	7 <sup>h</sup> 25	7 <sup>h</sup> 11	9 <sup>h</sup> 42	3 <sup>h</sup> 03	4 <sup>h</sup> 17	25 <sup>h</sup> 39	18 <sup>h</sup> 31	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	7s39	7n16	1n44	15s27	1s52	18s46	2n31	5s11	0s56	6n50	1s 5	1n 1	2n24	18n47	0n39	19s50	1n39	9n 1	12s55	12s52	13s26	19s24	14n53	7s13			
S 2	7 16	11 16	0 33	14 59	1 55	18 39	2 26	4 52	0 56	6 55	1 5	1 3	2 24	18 48	0 39	19 50	1 39	9 1	12 54	12 51	13 25	19 24	14 54	7 13			
M 3	6 53	14 41	0s42	14 30	1 58	18 32	2 21	4 33	0 55	7 0	1 5	1 5	2 24	18 48	0 39	19 50	1 39	9 2	12 54	12 51	13 24	19 24	14 54	7 12			
T 4	6 30	17 18	1 54	14 0	2 1	18 25	2 16	4 14	0 55	7 5	1 5	1 7	2 25	18 49	0 39	19 50	1 39	9 2	12 54	12 52	13 23	19 24	14 55	7 12			
W 5	6 6	18 53	3 0	13 28	2 4	18 17	2 11	3 55	0 54	7 10	1 5	1 9	2 25	18 49	0 39	19 50	1 39	9 2	12 53	12 52	13 22	19 23	14 56	7 11			
T 6	5 43	19 18	3 56	12 56	2 6	18 9	2 6	3 36	0 54	7 15	1 5	1 11	2 25	18 50	0 39	19 50	1 39	9 3	12 53	12 52	13 21	19 23	14 56	7 11			
F 7	5 20	18 29	4 37	12 22	2 8	18 0	2 1	3 17	0 53	7 20	1 5	1 13	2 25	18 50	0 39	19 50	1 39	9 3	12 53	12 51	13 20	19 23	14 57	7 10			
S 8	4 57	16 32	5 2	11 47	2 9	17 50	1 57	2 58	0 53	7 25	1 4	1 15	2 25	18 51	0 39	19 50	1 39	9 3	12 52	12 50	13 19	19 23	14 58	7 10			
S 9	4 33	13 34	5 8	11 11	2 10	17 40	1 52	2 39	0 53	7 30	1 4	1 16	2 25	18 51	0 39	19 50	1 39	9 4	12 52	12 48	13 17	19 22	14 59	7 9			
M10	4 10	9 50	4 55	10 33	2 10	17 30	1 47	2 20	0 52	7 35	1 4	1 18	2 25	18 52	0 39	19 50	1 39	9 4	12 52	12 45	13 16	19 22	14 59	7 9			
T 11	3 46	5 36	4 24	9 55	2 10	17 19	1 42	2 1	0 52	7 40	1 4	1 20	2 25	18 52	0 39	19 50	1 39	9 4	12 52	12 43	13 15	19 22	15 0	7 8			
W12	3 22	1 8	3 39	9 15	2 10	17 8	1 37	1 42	0 51	7 45	1 4	1 22	2 26	18 53	0 39	19 49	1 39	9 5	12 51	12 40	13 14	19 22	15 1	7 8			
T 13	2 59	3s17	2 42	8 34	2 9	16 56	1 32	1 23	0 51	7 51	1 4	1 24	2 26	18 53	0 39	19 49	1 39	9 5	12 51	12 39	13 13	19 21	15 1	7 7			
F 14	2 35	7 28	1 37	7 52	2 8	16 44	1 27	1 4	0 50	7 56	1 4	1 26	2 26	18 53	0 39	19 49	1 39	9 5	12 51	12 37	13 12	19 21	15 2	7 6			
S 15	2 11	11 11	0 29	7 9	2 6	16 31	1 22	0 45	0 50	8 1	1 4	1 28	2 26	18 54	0 39	19 49	1 39	9 6	12 50	12 37	13 11	19 21	15 3	7 6			
S 16	1 48	14 19	0n39	6 25	2 4	16 18	1 18	0 25	0 49	8 6	1 4	1 30	2 26	18 54	0 39	19 49	1 39	9 6	12 50	12 37	13 10	19 20	15 3	7 5			
M17	1 24	16 44	1 43	5 40	2 1	16 4	1 13	0 6	0 49	8 11	1 3	1 32	2 26	18 54	0 39	19 49	1 39	9 7	12 50	12 37	13 9	19 20	15 4	7 5			
T 18	1 0	18 21	2 43	4 54	1 58	15 50	1 8	0n13	0 48	8 16	1 3	1 34	2 26	18 55	0 39	19 49	1 39	9 7	12 50	12 38	13 8	19 20	15 5	7 4			
W19	0 36	19 8	3 34	4 6	1 55	15 35	1 3	0 32	0 48	8 21	1 3	1 36	2 26	18 55	0 39	19 49	1 40	9 7	12 49	12 38	13 7	19 20	15 5	7 4			
T 20	0 12	19 4	4 16	3 18	1 50	15 20	0 59	0 51	0 47	8 26	1 3	1 38	2 26	18 55	0 39	19 49	1 40	9 8	12 49	12 39	13 6	19 19	15 6	7 3			
F 21	0n11	18 10	4 48	2 29	1 46	15 5	0 54	1 10	0 47	8 32	1 3	1 40	2 26	18 56	0 39	19 49	1 40	9 8	12 49	12 38	13 5	19 19	15 6	7 2			
S 22	0 35	16 27	5 7	1 39	1 41	14 49	0 49	1 29	0 47	8 37	1 3	1 42	2 26	18 56	0 38	19 49	1 40	9 8	12 48	12 38	13 4	19 19	15 7	7 2			
S 23	0 59	13 59	5 13	0 48	1 35	14 32	0 45	1 48	0 46	8 42	1 3	1 44	2 26	18 56	0 38	19 48	1 40	9 9	12 48	12 37	13 3	19 18	15 8	7 1			
M24	1 22	10 51	5 4	0n 4	1 28	14 16	0 40	2 7	0 45	8 47	1 3	1 46	2 26	18 57	0 38	19 48	1 40	9 9	12 48	12 35	13 2	19 18	15 8	7 1			
T 25	1 46	7 8	4 40	0 57	1 22	13 58	0 36	2 26	0 45	8 52	1 3	1 47	2 26	18 57	0 38	19 48	1 40	9 9	12 48	12 33	13 0	19 18	15 9	7 0			
W26	2 10	3 0	4 1	1 50	1 14	13 41	0 31	2 45	0 44	8 57	1 3	1 49	2 26	18 57	0 38	19 48	1 40	9 10	12 47	12 32	12 59	19 17	15 9	6 59			
T 27	2 33	1n23	3 9	2 44	1 6	13 23	0 27	3 4	0 44	9 3	1 2	1 51	2 27	18 57	0 38	19 48	1 40	9 10	12 47	12 31	12 58	19 17	15 10	6 59			
F 28	2 57	5 48	2 4	3 39	0 58	13 4	0 22	3 22	0 43	9 8	1 2	1 53	2 27	18 58	0 38	19 48	1 40	9 10	12 47	12 30	12 57	19 17	15 10	6 58			
S 29	3 20	9 59	0 51	4 34	0 49	12 45	0 18	3 41	0 43	9 13	1 2	1 55	2 27	18 58	0 38	19 48	1 40	9 11	12 46	12 29	12 56	19 16	15 11	6 58			
S 30	3 44	13 41	0s27	5 29	0 40	12 26	0 14	4 0	0 42	9 18	1 2	1 57	2 27	18 58	0 38	19 47	1 40	9 11	12 46	12 29	12 55	19 16	15 11	6 57			
M31	4n 7	16n35	1s43	6n24	0s30	12s 7	0n10	4n18	0s42	9n23	1s 2	1n59	2n27	18n58	0n38	19s47	1n40	9n12	12s46	12s29	12s54	19s16	15n12	6s57			

# ASTRODIENST EPHEMERIS for the year 2628

APRIL 2628

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 38 23	11°26'03	6°27	19°31	28°47	13°21	27°12	0°R35	7°R24	7°R10	9°42	3°4	4°13	25°46	18°32	T 1
W 2	12 42 20	12°25'37	20°45	21°31	29°56	14° 8	27°26	0°30	7°24	7°10	9°43	3° 6	4°10	25°53	18°33	W 2
T 3	12 46 16	13°25'10	5° 0	23°30	1° 5	14°54	27°41	0°26	7°23	7° 9	9°44	3° 7	4° 7	25°59	18°34	T 3
F 4	12 50 13	14°24'40	19°10	25°28	2°15	15°41	27°55	0°21	7°23	7° 8	9°45	3°R 7	4° 4	26° 6	18°35	F 4
S 5	12 54 9	15°24'08	3°12	27°24	3°25	16°27	28° 9	0°17	7°22	7° 7	9°46	3° 6	4° 1	26°13	18°36	S 5
S 6	12 58 6	16°23'33	17° 6	29°18	4°35	17°14	28°24	0°12	7°22	7° 6	9°46	3° 5	3°58	26°19	18°37	S 6
M 7	13 2 2	17°22'56	0°49	1°11	5°44	18° 0	28°38	0° 8	7°21	7° 6	9°47	3° 3	3°54	26°26	18°39	M 7
T 8	13 5 59	18°22'17	14°20	3° 0	6°54	18°47	28°52	0° 3	7°21	7° 5	9°48	3° 0	3°51	26°33	18°40	T 8
W 9	13 9 55	19°21'36	27°39	4°46	8° 4	19°33	29° 7	29°59	7°20	7° 4	9°49	2°59	3°48	26°39	18°41	W 9
T 10	13 13 52	20°20'53	10°43	6°29	9°14	20°19	29°21	29°55	7°20	7° 3	9°50	2°57	3°45	26°46	18°43	T 10
F 11	13 17 48	21°20'07	23°33	8° 8	10°25	21° 6	29°36	29°50	7°20	7° 2	9°51	2°56	3°42	26°53	18°44	F 11
S 12	13 21 45	22°19'20	6° 8	9°43	11°35	21°52	29°50	29°46	7°20	7° 1	9°52	2°D56	3°39	27° 0	18°46	S 12
S 13	13 25 42	23°18'30	18°29	11°13	12°45	22°38	0° 5	29°42	7°20	7° 0	9°53	2°57	3°35	27° 6	18°48	S 13
M14	13 29 38	24°17'39	0°29	12°38	13°55	23°24	0°19	29°38	7°D20	6°59	9°54	2°57	3°32	27°13	18°50	M14
T 15	13 33 35	25°16'46	12°39	13°58	15° 6	24°11	0°34	29°34	7°20	6°57	9°55	2°58	3°29	27°20	18°52	T 15
W16	13 37 31	26°15'51	24°33	15°12	16°16	24°57	0°48	29°30	7°20	6°56	9°56	2°59	3°26	27°26	18°54	W16
T 17	13 41 28	27°14'55	6°35	16°21	17°27	25°43	1° 3	29°26	7°20	6°55	9°57	3° 0	3°23	27°33	18°56	T 17
F 18	13 45 24	28°13'56	18°18	17°24	18°37	26°29	1°17	29°22	7°20	6°54	9°58	3° 0	3°19	27°40	18°58	F 18
S 19	13 49 21	29°12'56	0°17	18°21	19°48	27°15	1°32	29°18	7°20	6°53	9°59	3°R 0	3°16	27°46	19° 0	S 19
S 20	13 53 17	0°11'54	12°28	19°11	20°59	28° 1	1°46	29°14	7°20	6°52	10° 0	3° 0	3°13	27°53	19° 3	S 20
M21	13 57 14	1°10'51	24°53	19°56	22°10	28°47	2° 1	29°10	7°21	6°50	10° 1	3° 0	3°10	28° 0	19° 5	M21
T 22	14 1 11	2° 9'46	7°38	20°34	23°21	29°33	2°15	29° 7	7°21	6°49	10° 2	3° 0	3° 7	28° 7	19° 8	T 22
W23	14 5 7	3° 8'38	20°45	21° 5	24°31	0°18	2°30	29° 3	7°22	6°48	10° 3	3°D 0	3° 4	28°13	19°10	W23
T 24	14 9 4	4° 7'30	4°16	21°30	25°42	1° 4	2°44	29° 0	7°22	6°47	10° 5	3° 0	3° 0	28°20	19°13	T 24
F 25	14 13 0	5° 6'19	18° 9	21°49	26°53	1°50	2°59	28°56	7°23	6°45	10° 6	3° 0	2°57	28°27	19°16	F 25
S 26	14 16 57	6° 5'06	2°24	22° 1	28° 4	2°36	3°13	28°53	7°23	6°44	10° 7	3°R 0	2°54	28°33	19°19	S 26
S 27	14 20 53	7° 3'52	16°55	22°R 7	29°15	3°21	3°28	28°50	7°24	6°43	10° 8	3° 0	2°51	28°40	19°22	S 27
M28	14 24 50	8° 2'36	1°17	22° 7	0°27	4° 7	3°42	28°47	7°25	6°41	10° 9	2°59	2°48	28°47	19°25	M28
T 29	14 28 46	9° 1'17	16°22	22° 1	1°38	4°52	3°57	28°44	7°25	6°40	10°10	2°59	2°45	28°53	19°28	T 29
W30	14 32 43	9°59'57	1° 4	21°49	2°49	5°38	4°11	28°41	7°26	6°38	10°11	2°58	2°44	29° 0	19°31	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	4n30	18n27	2s54	7n19	0s19	11s47	0n 5	4n37	0s41	9n28	1s 2	2n 1	2n27	18n58	0n38	19s47
W 2	4 54	19 9	3 54	8 14	0 9	11 26	0 1	4 56	0 41	9 34	1 2	2 3	2 27	18 58	0 38	19 47
T 3	5 17	18 37	4 39	9 8	0n 3	11 6	0s 3	5 14	0 40	9 39	1 2	2 4	2 27	18 59	0 38	19 47
F 4	5 40	16 56	5 6	10 2	0 14	10 45	0 7	5 32	0 40	9 44	1 2	2 6	2 27	18 59	0 38	19 47
S 5	6 3	14 15	5 16	10 55	0 26	10 23	0 11	5 51	0 39	9 49	1 2	2 8	2 26	18 59	0 38	19 46
S 6	6 25	10 47	5 6	11 46	0 37	10 2	0 15	6 9	0 39	9 54	1 2	2 10	2 26	18 59	0 38	19 46
M 7	6 48	6 47	4 40	12 37	0 49	9 40	0 19	6 27	0 38	9 59	1 2	2 11	2 26	18 59	0 38	19 46
T 8	7 11	2 29	3 57	13 26	1 1	9 17	0 22	6 45	0 37	10 5	1 2	2 13	2 26	18 59	0 38	19 46
W 9	7 33	1s52	3 3	14 13	1 13	8 55	0 26	7 3	0 37	10 10	1 2	2 15	2 26	18 59	0 38	19 46
T 10	7 55	6 4	2 0	14 58	1 24	8 32	0 30	7 21	0 36	10 15	1 2	2 16	2 26	18 59	0 38	19 45
F 11	8 18	9 55	0 52	15 41	1 36	8 9	0 33	7 39	0 36	10 20	1 1	2 18	2 26	18 59	0 38	19 45
S 12	8 40	13 14	0n18	16 22	1 47	7 46	0 37	7 57	0 35	10 25	1 1	2 20	2 26	18 59	0 38	19 45
S 13	9 1	15 54	1 25	17 0	1 57	7 22	0 40	8 15	0 35	10 30	1 1	2 21	2 26	18 59	0 38	19 45
M14	9 23	17 48	2 28	17 36	2 7	6 58	0 43	8 32	0 34	10 35	1 1	2 23	2 26	18 59	0 38	19 45
T 15	9 45	18 53	3 23	18 9	2 16	6 34	0 47	8 50	0 33	10 40	1 1	2 24	2 26	18 59	0 38	19 44
W16	10 6	19 6	4 9	18 39	2 25	6 10	0 50	9 7	0 33	10 45	1 1	2 26	2 26	18 59	0 38	19 44
T 17	10 27	18 28	4 44	19 7	2 33	5 45	0 53	9 24	0 32	10 50	1 1	2 27	2 26	18 59	0 38	19 44
F 18	10 49	17 2	5 7	19 31	2 40	5 20	0 56	9 41	0 32	10 55	1 1	2 29	2 26	18 59	0 38	19 44
S 19	11 9	14 51	5 17	19 53	2 46	4 56	0 59	9 59	0 31	11 0	1 1	2 30	2 26	18 59	0 38	19 44
S 20	11 30	11 59	5 13	20 12	2 51	4 30	1 2	10 15	0 30	11 5	1 1	2 32	2 26	18 59	0 38	19 43
M21	11 51	8 33	4 55	20 28	2 55	4 5	1 4	10 32	0 30	11 10	1 1	2 33	2 25	18 59	0 38	19 43
T 22	12 11	4 38	4 21	20 41	2 57	3 40	1 7	10 49	0 29	11 15	1 1	2 35	2 25	18 59	0 38	19 43
W23	12 31	0 23	3 34	20 50	2 59	3 14	1 10	11 6	0 29	11 20	1 1	2 36	2 25	18 58	0 38	19 43
T 24	12 51	4n 2	2 33	20 57	2 59	2 48	1 12	11 22	0 28	11 25	1 1	2 37	2 25	18 58	0 38	19 42
F 25	13 11	8 21	1 21	21 1	2 58	2 23	1 15	11 38	0 27	11 30	1 1	2 38	2 25	18 58	0 38	19 42
S 26	13 30	12 19	0 3	21 2	2 56	1 57	1 17	11 55	0 27	11 35	1 1	2 40	2 25	18 58	0 38	19 42
S 27	13 49	15 36	1s17	21 0	2 52	1 31	1 19	12 11	0 26	11 40	1 1	2 41	2 25	18 58	0 38	19 42
M28	14 8	17 56	2 32	20 55	2 47	1 4	1 22	12 27	0 25	11 45	1 1	2 42	2 25	18 58	0 38	19 41
T 29	14 27	19 3	3 38	20 47	2 40	0 38	1 24	12 43	0 25	11 50	1 1	2 43	2 25	18 57	0 37	19 41
W30	14n46	18n52	4s29	20n37	2n32	0s12	1s26	12n58	0s24	11n55	1s 1	2n44	2n24	18n57	0n37	19s41

Julian Day Number = 2681007.5, Delta T = 22m05s  
 Ecliptic obliquity = 23°21'20, Nutation = 0°00'09  
 Ayanamsha: Fagan/Bradley = 33°31'41, Lahiri = 32°38'41

## ASTRODIENST EPHEMERIS for the year 2628

MAY 2628

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 36 40	10♌58'34	15♍37	21♌R32	4♍0	6♌23	4♌26	28♌R38	7♌27	6♌R37	10♌13	2♌R57	2♌38	29♌7	19♌34	T 1
F 2	14 40 36	11♌57'10	29♍56	21♌11	5♌11	7♌9	4♌40	28♌35	7♌28	6♌36	10♌14	2♌57	2♌35	29♌13	19♌37	F 2
S 3	14 44 33	12♌55'43	13♌59	20♌44	6♌23	7♌54	4♌54	28♌32	7♌29	6♌34	10♌15	2♌D57	2♌32	29♌20	19♌41	S 3
S 4	14 48 29	13♌54'13	27♌44	20♌14	7♌34	8♌39	5♌9	28♌29	7♌30	6♌33	10♌16	2♌57	2♌29	29♌27	19♌44	S 4
M 5	14 52 26	14♌52'42	11♌11	19♌41	8♌45	9♌25	5♌23	28♌27	7♌31	6♌31	10♌18	2♌58	2♌25	29♌34	19♌48	M 5
T 6	14 56 22	15♌51'08	24♌22	19♌5	9♌57	10♌10	5♌38	28♌24	7♌32	6♌30	10♌19	2♌59	2♌22	29♌40	19♌51	T 6
W 7	15 0 19	16♌49'33	7♌17	18♌27	11♌8	10♌55	5♌52	28♌22	7♌33	6♌28	10♌20	3♌0	2♌19	29♌47	19♌55	W 7
T 8	15 4 15	17♌47'55	19♌59	17♌48	12♌20	11♌40	6♌6	28♌20	7♌34	6♌27	10♌21	3♌1	2♌16	29♌54	19♌59	T 8
F 9	15 8 12	18♌46'16	2♌29	17♌8	13♌31	12♌25	6♌21	28♌18	7♌36	6♌25	10♌23	3♌R 1	2♌13	0♌0	20♌2	F 9
S 10	15 12 9	19♌44'34	14♌48	16♌28	14♌43	13♌10	6♌35	28♌16	7♌37	6♌24	10♌24	3♌1	2♌10	0♌7	20♌6	S 10
S 11	15 16 5	20♌42'51	26♌58	15♌50	15♌54	13♌55	6♌49	28♌14	7♌38	6♌22	10♌25	3♌0	2♌6	0♌14	20♌10	S 11
M12	15 20 2	21♌41'06	9♌0	15♌13	17♌6	14♌40	7♌3	28♌12	7♌40	6♌21	10♌26	2♌57	2♌3	0♌21	20♌14	M12
T 13	15 23 58	22♌39'20	20♌57	14♌38	18♌18	15♌25	7♌18	28♌10	7♌41	6♌19	10♌28	2♌55	2♌0	0♌27	20♌18	T 13
W14	15 27 55	23♌37'32	2♌39	14♌6	19♌29	16♌10	7♌32	28♌8	7♌43	6♌17	10♌29	2♌51	1♌57	0♌34	20♌22	W14
T 15	15 31 51	24♌35'42	14♌41	13♌37	20♌41	16♌55	7♌46	28♌7	7♌44	6♌16	10♌30	2♌48	1♌54	0♌41	20♌26	T 15
F 16	15 35 48	25♌33'51	26♌34	13♌12	21♌53	17♌39	8♌0	28♌5	7♌46	6♌14	10♌32	2♌45	1♌51	0♌47	20♌31	F 16
S 17	15 39 44	26♌31'59	8♌33	12♌51	23♌4	18♌24	8♌14	28♌4	7♌48	6♌13	10♌33	2♌43	1♌47	0♌54	20♌35	S 17
S 18	15 43 41	27♌30'05	20♌42	12♌34	24♌16	19♌9	8♌28	28♌2	7♌49	6♌11	10♌34	2♌41	1♌44	1♌1	20♌39	S 18
M19	15 47 38	28♌28'10	3♌4	12♌22	25♌28	19♌53	8♌43	28♌1	7♌51	6♌10	10♌36	2♌D41	1♌41	1♌7	20♌44	M19
T 20	15 51 34	29♌26'13	15♌45	12♌13	26♌40	20♌38	8♌57	28♌0	7♌53	6♌8	10♌37	2♌42	1♌38	1♌14	20♌48	T 20
W21	15 55 31	0♌24'15	28♌48	12♌D10	27♌52	21♌22	9♌11	27♌59	7♌55	6♌6	10♌38	2♌44	1♌35	1♌21	20♌53	W21
T 22	15 59 27	1♌22'15	12♌Y17	12♌11	29♌4	22♌6	9♌24	27♌58	7♌57	6♌5	10♌40	2♌45	1♌31	1♌28	20♌57	T 22
F 23	16 3 24	2♌20'15	26♌12	12♌17	0♌16	22♌51	9♌38	27♌57	7♌59	6♌3	10♌41	2♌R46	1♌28	1♌34	21♌2	F 23
S 24	16 7 20	3♌18'13	10♌34	12♌28	1♌27	23♌35	9♌52	27♌57	8♌1	6♌1	10♌42	2♌46	1♌25	1♌41	21♌7	S 24
S 25	16 11 17	4♌16'10	25♌18	12♌43	2♌39	24♌19	10♌6	27♌56	8♌3	6♌0	10♌44	2♌45	1♌22	1♌48	21♌11	S 25
M26	16 15 13	5♌14'05	10♌18	13♌2	3♌51	25♌4	10♌20	27♌56	8♌5	5♌58	10♌45	2♌42	1♌19	1♌54	21♌16	M26
T 27	16 19 10	6♌11'59	25♌25	13♌26	5♌3	25♌48	10♌34	27♌55	8♌7	5♌57	10♌46	2♌37	1♌16	2♌1	21♌21	T 27
W28	16 23 7	7♌9'51	10♌30	13♌54	6♌15	26♌32	10♌47	27♌55	8♌9	5♌55	10♌48	2♌32	1♌12	2♌8	21♌26	W28
T 29	16 27 3	8♌7'42	25♌24	14♌27	7♌27	27♌16	11♌1	27♌55	8♌11	5♌53	10♌49	2♌28	1♌9	2♌14	21♌31	T 29
F 30	16 31 0	9♌5'31	9♌59	15♌3	8♌40	28♌0	11♌15	27♌D55	8♌14	5♌52	10♌50	2♌24	1♌6	2♌21	21♌36	F 30
S 31	16 34 56	10♌11'39	24♌11	15♌43	9♌52	28♌44	11♌28	27♌55	8♌16	5♌50	10♌52	2♌21	1♌3	2♌28	21♌41	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	15n 4	17n26	5s 3	20n23	2n23	0n15	1s28	13n14	0s24	12n 0	1s 1	2n45	2n24	18n57	0n37	T 1
F 2	15 22	14 56	5 17	20 7	2 12	0 41	1 30	13 29	0 23	12 5	1 1	2 46	2 24	18 57	0 37	F 2
S 3	15 40	11 36	5 11	19 49	2 0	1 8	1 31	13 45	0 22	12 9	1 1	2 47	2 24	18 56	0 37	S 3
S 4	15 57	7 42	4 48	19 28	1 47	1 34	1 33	14 0	0 22	12 14	1 1	2 48	2 24	18 56	0 37	S 4
M 5	16 15	3 30	4 9	19 5	1 33	2 1	1 35	14 15	0 21	12 19	1 1	2 49	2 24	18 56	0 37	M 5
T 6	16 32	0s48	3 18	18 41	1 18	2 27	1 36	14 30	0 20	12 24	1 1	2 50	2 23	18 55	0 37	T 6
W 7	16 48	5 0	2 18	18 15	1 2	2 54	1 38	14 44	0 20	12 28	1 1	2 50	2 23	18 55	0 37	W 7
T 8	17 5	8 54	1 12	17 48	0 46	3 20	1 39	14 59	0 19	12 33	1 1	2 51	2 23	18 55	0 37	T 8
F 9	17 21	12 20	0 3	17 21	0 29	3 47	1 40	15 13	0 18	12 38	1 1	2 52	2 23	18 54	0 37	F 9
S 10	17 37	15 11	1n 5	16 53	0 11	4 13	1 41	15 27	0 18	12 43	1 1	2 53	2 23	18 54	0 37	S 10
S 11	17 52	17 20	2 8	16 26	0s 6	4 40	1 42	15 41	0 17	12 47	1 1	2 53	2 23	18 54	0 37	S 11
M12	18 7	18 40	3 6	15 58	0 23	5 6	1 43	15 55	0 17	12 52	1 1	2 54	2 23	18 53	0 37	M12
T 13	18 22	19 9	3 54	15 32	0 41	5 32	1 44	16 9	0 16	12 56	1 1	2 54	2 22	18 53	0 37	T 13
W14	18 37	18 47	4 33	15 6	0 57	5 59	1 45	16 22	0 15	13 1	1 1	2 55	2 22	18 52	0 37	W14
T 15	18 51	17 36	4 59	14 42	1 14	6 25	1 46	16 36	0 15	13 6	1 1	2 55	2 22	18 52	0 37	T 15
F 16	19 5	15 39	5 13	14 20	1 29	6 51	1 46	16 49	0 14	13 10	1 1	2 56	2 22	18 52	0 37	F 16
S 17	19 19	13 1	5 13	13 59	1 44	7 17	1 47	17 2	0 13	13 15	1 1	2 56	2 22	18 51	0 37	S 17
S 18	19 32	9 49	4 59	13 41	1 58	7 43	1 48	17 15	0 13	13 19	1 1	2 57	2 21	18 51	0 37	S 18
M19	19 45	6 7	4 31	13 24	2 12	8 8	1 48	17 27	0 12	13 24	1 1	2 57	2 21	18 50	0 37	M19
T 20	19 58	2 4	3 50	13 10	2 24	8 34	1 48	17 40	0 11	13 28	1 1	2 57	2 21	18 50	0 37	T 20
W21	20 10	2n13	2 56	12 58	2 35	8 59	1 48	17 52	0 11	13 32	1 1	2 57	2 21	18 49	0 37	W21
T 22	20 22	6 32	1 50	12 49	2 46	9 24	1 49	18 4	0 10	13 37	1 1	2 57	2 21	18 49	0 37	T 22
F 23	20 33	10 38	0 36	12 41	2 55	9 50	1 49	18 16	0 9	13 41	1 1	2 58	2 21	18 48	0 37	F 23
S 24	20 45	14 16	0s43	12 37	3 3	10 14	1 49	18 28	0 9	13 45	1 1	2 58	2 20	18 48	0 37	S 24
S 25	20 55	17 5	2 0	12 34	3 11	10 39	1 49	18 39	0 8	13 50	1 1	2 58	2 20	18 47	0 37	S 25
M26	21 6	18 46	3 11	12 34	3 17	11 4	1 48	18 51	0 7	13 54	1 1	2 58	2 20	18 47	0 37	M26
T 27	21 16	18 7	4 9	12 36	3 23	11 28	1 48	19 2	0 7	13 58	1 1	2 58	2 20	18 46	0 37	T 27
W28	21 26	18 9	4 49	12 40	3 27	11 52	1 48	19 13	0 6	14 2	1 1	2 58	2 20	18 45	0 37	W28
T 29	21 35	15 55	5 9	12 45	3 31	12 15	1 47	19 23	0 5	14 7	1 1	2 58	2 19	18 45	0 37	T 29
F 30	21 44	12 43	5 9	12 53	3 33	12 39	1 47	19 34	0 5	14 11	1 1	2 57	2 19	18 44	0 37	F 30
S 31	21n53	8n52	4s49	13n 3	3s35	13n 2	1s46	19n44	0s 4	14n15	1s 1	2n57	2n19	18n44	0n37	S 31

Julian Day Number = 2681037.5, Delta T = 22m05s

Ecliptic obliquity = 23°21'20, Nutation = 0°00'09

Ayanamsha: Fagan/Bradley = 33°31'45, Lahiri = 32°38'45

## ASTRODIENST EPHEMERIS for the year 2628

JUNE 2628

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 38 53	11Ⅱ 1'04	7Ⅲ57	16Ⅲ27	11Ⅲ 4	29Ⅲ28	11Ⅲ42	27Ⅲ55	8Ⅲ18	5°R48	10Ⅲ53	2°D20	1Ⅲ 0	2Ⅲ35	21Ⅲ46	S 1
M 2	16 42 49	11°58'48	21°20	17°14	12°16	0Ⅲ12	11°55	27°55	8°20	5°A47	10°55	2Ⅲ20	0°56	2°41	21°51	M 2
T 3	16 46 46	12°56'31	4Ⅱ21	18° 5	13°28	0°55	12° 9	27°55	8°23	5°45	10°56	2°21	0°53	2°48	21°56	T 3
W 4	16 50 42	13°54'12	17° 3	19° 0	14°40	1°39	12°22	27°56	8°25	5°44	10°57	2°23	0°50	2°55	22° 2	W 4
T 5	16 54 39	14°51'51	29°30	19°57	15°52	2°23	12°35	27°56	8°28	5°42	10°59	2°R24	0°47	3° 1	22° 7	T 5
F 6	16 58 36	15°49'29	11Ⅲ45	20°58	17° 4	3° 6	12°49	27°57	8°30	5°40	11° 0	2°23	0°44	3° 8	22°12	F 6
S 7	17 2 32	16°47'06	23°51	22° 2	18°17	3°50	13° 2	27°58	8°33	5°39	11° 1	2°21	0°41	3°15	22°18	S 7
S 8	17 6 29	17°44'42	5°A50	23° 9	19°29	4°33	13°15	27°59	8°36	5°37	11° 3	2°17	0°37	3°22	22°23	S 8
M 9	17 10 25	18°42'16	17°46	24°20	20°41	5°17	13°28	28° 0	8°38	5°36	11° 4	2°10	0°34	3°28	22°28	M 9
T 10	17 14 22	19°39'49	29°38	25°33	21°53	6° 0	13°41	28° 1	8°41	5°34	11° 5	2° 2	0°31	3°35	22°34	T 10
W 11	17 18 18	20°37'22	11Ⅲ30	26°49	23° 6	6°43	13°54	28° 2	8°44	5°32	11° 7	1°53	0°28	3°42	22°39	W 11
T 12	17 22 15	21°34'53	23°23	28° 8	24°18	7°27	14° 7	28° 3	8°46	5°31	11° 8	1°44	0°25	3°48	22°45	T 12
F 13	17 26 11	22°32'23	5°A18	29°29	25°30	8°10	14°20	28° 5	8°49	5°29	11° 9	1°36	0°22	3°55	22°51	F 13
S 14	17 30 8	23°29'53	17°19	0Ⅲ54	26°43	8°53	14°33	28° 6	8°52	5°28	11°11	1°28	0°18	4° 2	22°56	S 14
S 15	17 34 5	24°27'21	29°29	2°21	27°55	9°36	14°45	28° 8	8°55	5°26	11°12	1°23	0°15	4° 8	23° 2	S 15
M 16	17 38 1	25°24'49	11°A50	3°51	29° 7	10°19	14°58	28° 9	8°58	5°25	11°13	1°20	0°12	4°15	23° 8	M 16
T 17	17 41 58	26°22'16	24°28	5°23	0Ⅲ20	11° 2	15°11	28°11	9° 0	5°23	11°15	1°D19	0° 9	4°22	23°13	T 17
W 18	17 45 54	27°19'43	7°V26	6°59	1°32	11°45	15°23	28°13	9° 3	5°22	11°16	1°20	0° 6	4°29	23°19	W 18
T 19	17 49 51	28°17'09	20°48	8°37	2°45	12°28	15°36	28°15	9° 6	5°20	11°17	1°20	0° 2	4°35	23°25	T 19
F 20	17 53 47	29°14'35	4°B37	10°17	3°57	13°11	15°48	28°17	9° 9	5°19	11°19	1°R21	29°A59	4°42	23°31	F 20
S 21	17 57 44	0°B12'00	18°53	12° 1	5°10	13°54	16° 0	28°19	9°12	5°17	11°20	1°20	29°56	4°49	23°36	S 21
S 22	18 1 40	1° 9'25	3Ⅲ36	13°47	6°22	14°36	16°13	28°22	9°15	5°16	11°21	1°16	29°53	4°55	23°42	S 22
M 23	18 5 37	2° 6'49	18°39	15°35	7°35	15°19	16°25	28°24	9°19	5°15	11°23	1°10	29°50	5° 2	23°48	M 23
T 24	18 9 34	3° 4'12	3°B55	17°26	8°47	16° 2	16°37	28°26	9°22	5°13	11°24	1° 2	29°47	5° 9	23°54	T 24
W 25	18 13 30	4° 1'35	19°12	19°20	10° 0	16°44	16°49	28°29	9°25	5°12	11°25	0°53	29°43	5°16	24° 0	W 25
T 26	18 17 27	4°58'57	4°A20	21°16	11°13	17°27	17° 1	28°32	9°28	5°10	11°26	0°44	29°40	5°22	24° 6	T 26
F 27	18 21 23	5°56'18	19° 9	23°14	12°25	18° 9	17°13	28°34	9°31	5° 9	11°28	0°36	29°37	5°29	24°12	F 27
S 28	18 25 20	6°53'38	3Ⅲ32	25°14	13°38	18°52	17°24	28°37	9°34	5° 8	11°29	0°30	29°34	5°36	24°18	S 28
S 29	18 29 16	7°50'57	17°26	27°17	14°50	19°34	17°36	28°40	9°38	5° 6	11°30	0°26	29°31	5°42	24°24	S 29
M 30	18 33 13	8°B48'16	0°A52	29°II21	16°II 3	20°II16	17°B48	28°II43	9°B41	5°A 5	11°II31	0°II25	29°A28	5°B49	24°B30	M 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	22n 1	4n38	4s13	13n15	3s36	13n25	1s46	19n55	0s 3	14n19	1s 1	2n57	2n19	18n43	0n37	19s32
M 2	22 9	0 17	3 25	13 28	3 36	13 48	1 45	20 4	0 3	14 23	1 1	2 57	2 19	18 42	0 37	19 32
T 3	22 16	3s58	2 26	13 42	3 36	14 10	1 44	20 14	0 2	14 27	1 1	2 56	2 18	18 42	0 37	19 31
W 4	22 23	7 57	1 22	13 58	3 34	14 32	1 43	20 24	0 1	14 31	1 1	2 56	2 18	18 41	0 37	19 31
T 5	22 30	11 30	0 16	14 16	3 32	14 54	1 42	20 33	0 1	14 35	1 2	2 56	2 18	18 40	0 37	19 31
F 6	22 36	14 30	0n50	14 34	3 29	15 15	1 41	20 42	0 0	14 39	1 2	2 55	2 18	18 40	0 37	19 31
S 7	22 42	16 50	1 54	14 54	3 26	15 36	1 40	20 51	0n 1	14 43	1 2	2 55	2 18	18 39	0 37	19 30
S 8	22 48	18 24	2 51	15 15	3 21	15 57	1 39	21 0	0 1	14 47	1 2	2 54	2 17	18 38	0 37	19 30
M 9	22 53	19 8	3 40	15 37	3 16	16 17	1 38	21 8	0 2	14 51	1 2	2 54	2 17	18 38	0 36	19 30
T 10	22 57	19 2	4 19	15 59	3 11	16 37	1 37	21 16	0 3	14 55	1 2	2 53	2 17	18 37	0 36	19 30
W 11	23 2	18 5	4 48	16 23	3 5	16 56	1 36	21 25	0 3	14 58	1 2	2 52	2 17	18 36	0 36	19 29
T 12	23 5	16 21	5 3	16 47	2 58	17 15	1 34	21 32	0 4	15 2	1 2	2 52	2 17	18 35	0 36	19 29
F 13	23 9	13 56	5 6	17 11	2 51	17 34	1 33	21 40	0 5	15 6	1 2	2 51	2 16	18 35	0 36	19 29
S 14	23 12	10 54	4 55	17 36	2 43	17 52	1 31	21 47	0 5	15 9	1 2	2 50	2 16	18 34	0 36	19 29
S 15	23 14	7 23	4 31	18 1	2 35	18 10	1 30	21 55	0 6	15 13	1 2	2 49	2 16	18 33	0 36	19 28
M 16	23 17	3 30	3 54	18 27	2 27	18 28	1 28	22 1	0 6	15 17	1 2	2 48	2 16	18 32	0 36	19 28
T 17	23 18	0n38	3 4	18 52	2 18	18 44	1 26	22 8	0 7	15 20	1 2	2 48	2 16	18 32	0 36	19 28
W 18	23 20	4 51	2 5	19 18	2 8	19 1	1 25	22 15	0 8	15 24	1 2	2 47	2 15	18 31	0 36	19 28
T 19	23 21	8 58	0 56	19 43	1 58	19 17	1 23	22 21	0 8	15 27	1 2	2 46	2 15	18 30	0 36	19 27
F 20	23 21	12 44	0s17	20 8	1 48	19 32	1 21	22 27	0 9	15 31	1 2	2 45	2 15	18 29	0 36	19 27
S 21	23 21	15 54	1 32	20 32	1 38	19 47	1 19	22 33	0 10	15 34	1 3	2 44	2 15	18 28	0 36	19 27
S 22	23 21	18 7	2 43	20 56	1 27	20 2	1 17	22 39	0 10	15 38	1 3	2 43	2 15	18 28	0 36	19 27
M 23	23 20	19 8	3 45	21 19	1 16	20 16	1 15	22 44	0 11	15 41	1 3	2 41	2 14	18 27	0 36	19 27
T 24	23 19	18 47	4 31	21 41	1 5	20 29	1 13	22 49	0 12	15 44	1 3	2 40	2 14	18 26	0 36	19 26
W 25	23 18	17 5	4 57	22 2	0 54	20 42	1 11	22 54	0 12	15 48	1 3	2 39	2 14	18 25	0 36	19 26
T 26	23 16	14 12	5 3	22 22	0 42	20 54	1 9	22 59	0 13	15 51	1 3	2 38	2 14	18 24	0 36	19 26
F 27	23 13	10 28	4 48	22 40	0 31	21 6	1 7	23 3	0 14	15 54	1 3	2 37	2 14	18 23	0 36	19 26
S 28	23 11	6 13	4 15	22 57	0 19	21 17	1 5	23 8	0 14	15 57	1 3	2 35	2 13	18 22	0 36	19 25
S 29	23 7	1 45	3 28	23 11	0 8	21 27	1 3	23 12	0 15	16 1	1 3	2 34	2 13	18 22	0 36	19 25
M 30	23n 4	2s39	2s30	23n24	0n 3	21n37	1s 0	23n16	0n16	16n 4	1s 3	2n33	2n13	18n21	0n36	19s25

Julian Day Number = 2681068.5, Delta T = 22m05s

Ecliptic obliquity = 23°21'19, Nutation = 0°00'09

Ayanamsha: Fagan/Bradley = 33°31'49, Lahiri = 32°38'49

# ASTRODIENST EPHEMERIS for the year 2628

JULY 2628

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 37 9	9 <sup>54</sup> 34	13 <sup>52</sup>	1 <sup>28</sup>	17 <sup>16</sup>	20 <sup>59</sup>	17 <sup>59</sup>	28 <sup>46</sup>	9 <sup>44</sup>	5°R 4	11 <sup>33</sup>	0°D24	29 <sup>24</sup>	5 <sup>56</sup>	24 <sup>36</sup>	T 1
W 2	18 41 6	10 <sup>42</sup> 51	26 <sup>29</sup>	3°35	18°28	21°41	18°10	28°49	9°48	5°R 3	11°34	0°R25	29°21	6° 3	24°42	W 2
T 3	18 45 3	11°40'07	8 <sup>11</sup> 50	5°44	19°41	22°23	18°22	28°53	9°51	5° 1	11°35	0 <sup>11</sup> 25	29°18	6° 9	24°49	T 3
F 4	18 48 59	12°37'23	20°57	7°54	20°54	23° 5	18°33	28°56	9°54	5° 0	11°36	0°23	29°15	6°16	24°55	F 4
S 5	18 52 56	13°34'38	2 <sup>56</sup>	10° 5	22° 7	23°47	18°44	29° 0	9°58	4°59	11°37	0°19	29°12	6°23	25° 1	S 5
S 6	18 56 52	14°31'53	14°49	12°16	23°19	24°29	18°55	29° 3	10° 1	4°58	11°39	0°12	29° 8	6°29	25° 7	S 6
M 7	19 0 49	15°29'07	26°41	14°28	24°32	25°11	19° 6	29° 7	10° 4	4°57	11°40	0° 2	29° 5	6°36	25°13	M 7
T 8	19 4 45	16°26'21	8 <sup>32</sup>	16°39	25°45	25°53	19°17	29°11	10° 8	4°56	11°41	29 <sup>51</sup>	29° 2	6°43	25°19	T 8
W 9	19 8 42	17°23'34	20°25	18°50	26°58	26°34	19°27	29°14	10°11	4°54	11°42	29°38	28°59	6°50	25°26	W 9
T 10	19 12 39	18°20'48	2 <sup>22</sup>	21° 0	28°11	27°16	19°38	29°18	10°15	4°53	11°43	29°24	28°56	6°56	25°32	T 10
F 11	19 16 35	19°18'01	14°23	23° 9	29°24	27°58	19°49	29°22	10°18	4°52	11°44	29°12	28°53	7° 3	25°38	F 11
S 12	19 20 32	20°15'14	26°31	25°17	0 <sup>37</sup>	28°40	19°59	29°26	10°22	4°51	11°45	29° 1	28°49	7°10	25°44	S 12
S 13	19 24 28	21°12'27	8 <sup>46</sup>	27°25	1°50	29°21	20° 9	29°31	10°25	4°50	11°46	28°53	28°46	7°16	25°51	S 13
M14	19 28 25	22° 9'40	21°13	29°30	3° 3	0 <sup>3</sup>	20°20	29°35	10°29	4°49	11°48	28°47	28°43	7°23	25°57	M14
T 15	19 32 21	23° 6'54	3 <sup>52</sup>	1 <sup>34</sup>	4°16	0°44	20°30	29°39	10°32	4°48	11°49	28°44	28°40	7°30	26° 3	T 15
W16	19 36 18	24° 4'07	16°49	3°37	5°29	1°26	20°40	29°43	10°36	4°47	11°50	28°43	28°37	7°37	26° 9	W16
T 17	19 40 14	25° 1'21	0 <sup>8</sup>	5°38	6°42	2° 7	20°49	29°48	10°39	4°46	11°51	28°43	28°34	7°43	26°16	T 17
F 18	19 44 11	25°58'36	13°47	7°37	7°55	2°48	20°59	29°52	10°43	4°46	11°52	28°43	28°30	7°50	26°22	F 18
S 19	19 48 7	26°55'50	27°53	9°34	9° 8	3°29	21° 9	29°57	10°47	4°45	11°53	28°41	28°27	7°57	26°28	S 19
S 20	19 52 4	27°53'06	12 <sup>24</sup>	11°29	10°21	4°11	21°18	0 <sup>2</sup>	10°50	4°44	11°54	28°37	28°24	8° 3	26°34	S 20
M21	19 56 1	28°50'21	27°17	13°23	11°34	4°52	21°28	0° 7	10°54	4°43	11°55	28°30	28°21	8°10	26°41	M21
T 22	19 59 57	29°47'37	12 <sup>25</sup>	15°14	12°47	5°33	21°37	0°11	10°58	4°42	11°56	28°21	28°18	8°17	26°47	T 22
W23	20 3 54	0 <sup>44</sup> 53	27°39	17° 4	14° 0	6°14	21°46	0°16	11° 1	4°42	11°57	28°10	28°14	8°24	26°53	W23
T 24	20 7 50	1°42'10	12 <sup>47</sup>	18°51	15°14	6°55	21°55	0°21	11° 5	4°41	11°58	27°59	28°11	8°30	26°59	T 24
F 25	20 11 47	2°39'26	27°39	20°37	16°27	7°36	22° 4	0°26	11° 8	4°40	11°59	27°49	28° 8	8°37	27° 6	F 25
S 26	20 15 43	3°36'43	12 <sup>48</sup>	22°21	17°40	8°17	22°13	0°32	11°12	4°39	11°59	27°42	28° 5	8°44	27°12	S 26
S 27	20 19 40	4°34'00	26° 8	24° 3	18°53	8°58	22°21	0°37	11°16	4°39	12° 0	27°36	28° 2	8°50	27°18	S 27
M28	20 23 37	5°31'16	9 <sup>49</sup>	25°43	20° 7	9°38	22°30	0°42	11°19	4°38	12° 1	27°34	27°59	8°57	27°25	M28
T 29	20 27 33	6°28'33	22°42	27°21	21°20	10°19	22°38	0°47	11°23	4°38	12° 2	27°D33	27°55	9° 4	27°31	T 29
W30	20 31 30	7°25'50	5 <sup>11</sup> 22	28°57	22°33	11° 0	22°47	0°53	11°27	4°37	12° 3	27°R33	27°52	9°11	27°37	W30
T 31	20 35 26	8 <sup>23</sup> 08	17 <sup>42</sup>	0 <sup>32</sup>	23 <sup>47</sup>	11 <sup>40</sup>	22 <sup>55</sup>	0 <sup>58</sup>	11 <sup>30</sup>	4 <sup>37</sup>	12 <sup>4</sup>	27 <sup>43</sup>	27 <sup>49</sup>	9 <sup>17</sup>	27 <sup>43</sup>	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	23n 0	6s47	1s27	23n35	0n14	21n47	0s58	23n19	0n16	16n 7	1s 3	2n31	2n13	18n20	0n36	T 1
W 2	22 55	10 31	0 21	23 43	0 24	21 56	0 56	23 23	0 17	16 10	1 4	2 30	2 13	18 19	0 36	W 2
T 3	22 51	13 41	0n45	23 48	0 34	22 4	0 54	23 26	0 18	16 13	1 4	2 28	2 12	18 18	0 36	T 3
F 4	22 46	16 13	1 47	23 51	0 44	22 12	0 51	23 29	0 18	16 16	1 4	2 27	2 12	18 17	0 36	F 4
S 5	22 40	18 0	2 43	23 52	0 53	22 18	0 49	23 32	0 19	16 19	1 4	2 25	2 12	18 16	0 36	S 5
S 6	22 34	18 59	3 32	23 49	1 2	22 25	0 46	23 34	0 20	16 22	1 4	2 24	2 12	18 15	0 36	S 6
M 7	22 28	19 7	4 12	23 44	1 10	22 31	0 44	23 36	0 20	16 24	1 4	2 22	2 12	18 14	0 36	M 7
T 8	22 21	18 25	4 40	23 36	1 17	22 36	0 42	23 38	0 21	16 27	1 4	2 20	2 12	18 13	0 36	T 8
W 9	22 14	16 55	4 56	23 25	1 24	22 40	0 39	23 40	0 22	16 30	1 4	2 19	2 11	18 12	0 36	W 9
T 10	22 6	14 41	5 0	23 12	1 30	22 44	0 37	23 42	0 22	16 33	1 4	2 17	2 11	18 12	0 36	T 10
F 11	21 58	11 50	4 50	22 56	1 35	22 47	0 34	23 43	0 23	16 36	1 5	2 15	2 11	18 11	0 36	F 11
S 12	21 50	8 27	4 27	22 38	1 40	22 50	0 32	23 44	0 24	16 38	1 5	2 13	2 11	18 10	0 36	S 12
S 13	21 41	4 40	3 51	22 18	1 43	22 51	0 29	23 45	0 24	16 41	1 5	2 12	2 11	18 9	0 36	S 13
M14	21 32	0 39	3 4	21 55	1 46	22 53	0 27	23 46	0 25	16 43	1 5	2 10	2 10	18 8	0 36	M14
T 15	21 23	3n29	2 7	21 30	1 48	22 53	0 24	23 47	0 25	16 46	1 5	2 8	2 10	18 7	0 36	T 15
W16	21 13	7 33	1 3	21 3	1 50	22 53	0 21	23 47	0 26	16 48	1 5	2 6	2 10	18 6	0 36	W16
T 17	21 3	11 21	0s 7	20 35	1 50	22 52	0 19	23 47	0 27	16 51	1 5	2 4	2 10	18 5	0 36	T 17
F 18	20 53	14 40	1 19	20 5	1 50	22 51	0 16	23 47	0 27	16 53	1 5	2 2	2 10	18 4	0 36	F 18
S 19	20 42	17 13	2 28	19 34	1 50	22 49	0 14	23 47	0 28	16 56	1 5	2 0	2 10	18 3	0 36	S 19
S 20	20 31	18 45	3 29	19 1	1 48	22 46	0 11	23 46	0 29	16 58	1 6	1 58	2 10	18 2	0 36	S 20
M21	20 19	19 2	4 18	18 27	1 46	22 43	0 9	23 45	0 29	17 0	1 6	1 56	2 9	18 1	0 36	M21
T 22	20 7	17 59	4 49	17 52	1 44	22 38	0 6	23 44	0 30	17 3	1 6	1 54	2 9	18 0	0 36	T 22
W23	19 55	15 39	5 0	17 16	1 41	22 34	0 4	23 43	0 31	17 5	1 6	1 52	2 9	17 59	0 36	W23
T 24	19 43	12 16	4 51	16 39	1 37	22 28	0 1	23 42	0 31	17 7	1 6	1 50	2 9	17 58	0 36	T 24
F 25	19 30	8 9	4 21	16 2	1 32	22 22	0n 1	23 40	0 32	17 9	1 6	1 48	2 9	17 57	0 36	F 25
S 26	19 17	3 40	3 35	15 24	1 28	22 16	0 4	23 38	0 32	17 11	1 6	1 46	2 9	17 56	0 36	S 26
S 27	19 3	0s53	2 38	14 45	1 22	22 8	0 6	23 36	0 33	17 13	1 7	1 43	2 8	17 55	0 36	S 27
M28	18 49	5 14	1 33	14 6	1 16	22 0	0 9	23 34	0 34	17 15	1 7	1 41	2 8	17 54	0 36	M28
T 29	18 35	9 12	0 26	13 27	1 10	21 51	0 11	23 32	0 34	17 17	1 7	1 39	2 8	17 53	0 36	T 29
W30	18 21	12 37	0n41	12 47	1 3	21 42	0 14	23 29	0 35	17 19	1 7	1 37	2 8	17 52	0 36	W30
T 31	18n 6	15s22	1n45	12n 8	0n56	21n32	0n16	23n26	0n36	17n21	1s 7	1n34	2n 8	17n51	0n36	T 31

Julian Day Number = 2681098.5, Delta T = 22m06s  
 Ecliptic obliquity = 23°21'19, Nutation = 0°00'09  
 Ayanamsha: Fagan/Bradley = 33°31'53, Lahiri = 32°38'53

# ASTRODIENST EPHEMERIS for the year 2628

AUGUST 2628

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	20 39 23	9♂20°25	29♂48	2♂4	25♂0	12♂21	23♂3	1♂4	11♂34	4°R36	12♂5	27°R31	27♂46	9♂24	27♂49	F 1
S 2	20 43 19	10°17'43	11♂44	3°35	26°14	13°1	23°10	1°9	11°38	4°R36	12°5	27♂27	27°43	9°31	27°56	S 2
S 3	20 47 16	11°15'01	23°36	5°3	27°27	13°42	23°18	1°15	11°42	4°35	12°6	27°21	27°40	9°37	28°2	S 3
M 4	20 51 12	12°12'20	5♂27	6°30	28°41	14°22	23°26	1°21	11°45	4°35	12°7	27°12	27°36	9°44	28°8	M 4
T 5	20 55 9	13°9'39	17°20	7°54	29°54	15°3	23°33	1°26	11°49	4°34	12°8	27°1	27°33	9°51	28°14	T 5
W 6	20 59 6	14°6'58	29°17	9°17	1♂8	15°43	23°40	1°32	11°53	4°34	12°8	26°49	27°30	9°58	28°20	W 6
T 7	21 3 2	15°4'19	11♂21	10°37	2°21	16°23	23°47	1°38	11°56	4°34	12°9	26°36	27°27	10°4	28°27	T 7
F 8	21 6 59	16°1'39	23°32	11°56	3°35	17°3	23°54	1°44	12°0	4°34	12°10	26°24	27°24	10°11	28°33	F 8
S 9	21 10 55	16°59'01	5♂50	13°12	4°48	17°43	24°1	1°50	12°4	4°33	12°11	26°14	27°20	10°18	28°39	S 9
S 10	21 14 52	17°56'23	18°18	14°26	6°2	18°24	24°8	1°56	12°7	4°33	12°11	26°6	27°17	10°24	28°45	S 10
M11	21 18 48	18°53'46	0♂57	15°38	7°16	19°4	24°14	2°2	12°11	4°33	12°12	26°1	27°14	10°31	28°51	M11
T 12	21 22 45	19°51'10	13°47	16°47	8°29	19°43	24°20	2°8	12°15	4°33	12°12	25°58	27°11	10°38	28°57	T 12
W13	21 26 41	20°48'35	26°50	17°54	9°43	20°23	24°27	2°15	12°18	4°33	12°13	25°D57	27°8	10°45	29°3	W13
T 14	21 30 38	21°46'02	10♂10	18°59	10°57	21°3	24°33	2°21	12°22	4°33	12°14	25°58	27°5	10°51	29°9	T 14
F 15	21 34 34	22°43'30	23°49	20°1	12°11	21°43	24°38	2°27	12°26	4°33	12°14	25°R58	27°1	10°58	29°15	F 15
S 16	21 38 31	23°40'59	7♂47	21°0	13°24	22°23	24°44	2°34	12°29	4°D33	12°15	25°57	26°58	11°5	29°21	S 16
S 17	21 42 28	24°38'29	22°5	21°57	14°38	23°3	24°50	2°40	12°33	4°33	12°15	25°55	26°55	11°11	29°27	S 17
M18	21 46 24	25°36'00	6♂41	22°50	15°52	23°42	24°55	2°46	12°36	4°33	12°16	25°50	26°52	11°18	29°33	M18
T 19	21 50 21	26°33'33	21°29	23°41	17°6	24°22	25°0	2°53	12°40	4°33	12°16	25°42	26°49	11°25	29°39	T 19
W20	21 54 17	27°31'07	6♂24	24°28	18°20	25°1	25°5	3°0	12°44	4°33	12°17	25°34	26°46	11°32	29°44	W20
T 21	21 58 14	28°28'42	21°17	25°12	19°34	25°41	25°10	3°6	12°47	4°33	12°17	25°25	26°42	11°38	29°50	T 21
F 22	22 2 10	29°26'18	5♂58	25°52	20°48	26°20	25°14	3°13	12°51	4°33	12°18	25°17	26°39	11°45	29°56	F 22
S 23	22 6 7	0♂23'56	20°20	26°28	22°2	27°0	25°19	3°19	12°54	4°33	12°18	25°11	26°36	11°52	0♂2	S 23
S 24	22 10 3	1°21'34	4♂19	27°1	23°16	27°39	25°23	3°26	12°58	4°34	12°18	25°7	26°33	11°58	0°8	S 24
M25	22 14 0	2°19'13	17°50	27°29	24°30	28°18	25°27	3°33	13°2	4°34	12°19	25°5	26°30	12°5	0°13	M25
T 26	22 17 57	3°16'53	0♂56	27°52	25°44	28°58	25°31	3°40	13°5	4°34	12°19	25°D5	26°26	12°12	0°19	T 26
W27	22 21 53	4°14'35	13°39	28°12	26°58	29°37	25°35	3°47	13°9	4°35	12°19	25°6	26°23	12°19	0°25	W27
T 28	22 25 50	5°12'17	26°1	28°26	28°12	0♂16	25°38	3°53	13°12	4°35	12°20	25°7	26°20	12°25	0°30	T 28
F 29	22 29 46	6°10'00	8♂9	28°35	29°26	0°55	25°42	4°0	13°15	4°35	12°20	25°R7	26°17	12°32	0°36	F 29
S 30	22 33 43	7°7'45	20°7	28°R38	0♂40	1°34	25°45	4°7	13°19	4°36	12°20	25°6	26°14	12°39	0°41	S 30
S 31	22 37 39	8♂5'30	2♂0	28♂36	1♂54	2♂13	25♂48	4♂14	13♂22	4♂36	12♂21	25♂3	26♂11	12♂46	0♂47	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	17n51	17s24	2n42	11n28	0n49	21n22	0n19	23n23	0n36	17n23	1s7	1n32	2n8	17n50	0n36	19s21
S 2	17 36	18 37	3 31	10 48	0 41	21 11	0 21	23 20	0 37	17 25	1 7	1 30	2 8	17 49	0 36	19 21
S 3	17 20	19 1	4 11	10 8	0 33	20 59	0 24	23 17	0 38	17 27	1 8	1 27	2 8	17 48	0 36	19 21
M 4	17 5	18 35	4 40	9 28	0 24	20 47	0 26	23 13	0 38	17 28	1 8	1 25	2 7	17 47	0 36	19 21
T 5	16 49	17 20	4 57	8 49	0 15	20 34	0 28	23 9	0 39	17 30	1 8	1 23	2 7	17 46	0 36	19 21
W 6	16 32	15 19	5 1	8 9	0 6	20 20	0 30	23 5	0 39	17 32	1 8	1 20	2 7	17 45	0 36	19 21
T 7	16 16	12 38	4 51	7 30	0s4	20 6	0 33	23 1	0 40	17 33	1 8	1 18	2 7	17 44	0 36	19 21
F 8	15 59	9 24	4 29	6 52	0 13	19 51	0 35	22 57	0 41	17 35	1 8	1 15	2 7	17 43	0 36	19 21
S 9	15 41	5 43	3 53	6 13	0 23	19 36	0 37	22 52	0 41	17 36	1 8	1 13	2 7	17 42	0 36	19 21
S 10	15 24	1 45	3 6	5 36	0 33	19 20	0 39	22 47	0 42	17 38	1 9	1 10	2 7	17 41	0 36	19 21
M11	15 6	2n21	2 9	4 58	0 44	19 4	0 41	22 42	0 42	17 39	1 9	1 8	2 7	17 40	0 36	19 21
T 12	14 49	6 24	1 4	4 22	0 54	18 47	0 44	22 37	0 43	17 40	1 9	1 5	2 7	17 39	0 36	19 21
W13	14 30	10 14	0s5	3 46	1 5	18 29	0 46	22 32	0 44	17 42	1 9	1 3	2 6	17 38	0 36	19 21
T 14	14 12	13 38	1 15	3 11	1 16	18 11	0 48	22 27	0 44	17 43	1 9	1 0	2 6	17 37	0 36	19 21
F 15	13 54	16 21	2 23	2 36	1 27	17 53	0 50	22 21	0 45	17 44	1 9	0 58	2 6	17 36	0 36	19 21
S 16	13 35	18 11	3 24	2 3	1 38	17 34	0 52	22 15	0 46	17 46	1 10	0 55	2 6	17 35	0 36	19 22
S 17	13 16	18 54	4 13	1 30	1 50	17 14	0 53	22 9	0 46	17 47	1 10	0 52	2 6	17 34	0 36	19 22
M18	12 57	18 24	4 48	0 59	2 1	16 54	0 55	22 3	0 47	17 48	1 10	0 50	2 6	17 33	0 36	19 22
T 19	12 37	16 39	5 4	0 29	2 12	16 34	0 57	21 57	0 47	17 49	1 10	0 47	2 6	17 32	0 36	19 22
W20	12 18	13 46	4 59	0s0	2 23	16 13	0 59	21 50	0 48	17 50	1 10	0 44	2 6	17 31	0 36	19 22
T 21	11 58	10 1	4 34	0 28	2 35	15 51	1 0	21 44	0 49	17 51	1 10	0 42	2 6	17 30	0 36	19 22
F 22	11 38	5 42	3 52	0 54	2 46	15 30	1 2	21 37	0 49	17 52	1 11	0 39	2 6	17 29	0 36	19 22
S 23	11 18	1 8	2 55	1 18	2 57	15 7	1 4	21 30	0 50	17 53	1 11	0 36	2 6	17 28	0 36	19 22
S 24	10 57	3s23	1 49	1 41	3 8	14 45	1 5	21 23	0 50	17 54	1 11	0 34	2 5	17 27	0 36	19 22
M25	10 37	7 34	0 39	2 2	3 18	14 22	1 7	21 16	0 51	17 54	1 11	0 31	2 5	17 26	0 36	19 22
T 26	10 16	11 16	0n31	2 21	3 28	13 58	1 8	21 8	0 52	17 55	1 11	0 28	2 5	17 25	0 36	19 22
W27	9 55	14 19	1 38	2 37	3 38	13 34	1 10	21 1	0 52	17 56	1 11	0 25	2 5	17 24	0 36	19 23
T 28	9 34	16 37	2 39	2 52	3 48	13 10	1 11	20 53	0 53	17 57	1 12	0 23	2 5	17 23	0 36	19 23
F 29	9 13	18 7	3 31	3 3	3 57	12 46	1 12	20 45	0 53	17 57	1 12	0 20	2 5	17 22	0 36	19 23
S 30	8 52	18 47	4 13	3 12	4 5	12 21	1 13	20 37	0 54	17 58	1 12	0 17	2 5	17 21	0 36	19 23
S 31	8n30	18s37	4n44	3s19	4s12	11n55	1n15	20n29	0n55	17n58	1s12	0n14	2n5	17n20	0n36	19s23

Julian Day Number = 2681129.5, Delta T = 22m06s  
Ecliptic obliquity = 23°21'19, Nutation = 0°00'09  
Ayanamsha: Fagan/Bradley = 33°31'58, Lahiri = 32°38'57

## ASTRODIENST EPHEMERIS for the year 2628

SEPTEMBER 2628

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	22 41 36	9 <sup>h</sup> 3'17	13 <sup>h</sup> 52	28°R29	3 <sup>h</sup> 8	2 <sup>h</sup> 52	25 <sup>h</sup> 51	4 <sup>h</sup> 21	13 <sup>h</sup> 26	4 <sup>h</sup> 37	12 <sup>h</sup> 21	24°R59	26 <sup>h</sup> 7	12 <sup>h</sup> 52	0 <sup>h</sup> 52	M 1
T 2	22 45 32	10° 1'05	25°48	28 <sup>h</sup> 15	4°23	3°31	25°53	4°28	13°29	4°37	12°21	24 <sup>h</sup> 52	26° 4	12°59	0°58	T 2
W 3	22 49 29	10°58'54	7 <sup>h</sup> 50	27°56	5°37	4° 9	25°56	4°35	13°33	4°38	12°21	24°45	26° 1	13° 6	1° 3	W 3
T 4	22 53 26	11°56'44	20° 1	27°31	6°51	4°48	25°58	4°42	13°36	4°38	12°21	24°37	25°58	13°12	1° 8	T 4
F 5	22 57 22	12°54'35	2 <sup>h</sup> 23	27° 0	8° 5	5°27	26° 0	4°50	13°39	4°39	12°22	24°29	25°55	13°19	1°13	F 5
S 6	23 1 19	13°52'28	14°56	26°24	9°19	6° 5	26° 2	4°57	13°43	4°40	12°22	24°23	25°51	13°26	1°19	S 6
S 7	23 5 15	14°50'23	27°41	25°42	10°34	6°44	26° 4	5° 4	13°46	4°40	12°22	24°18	25°48	13°33	1°24	S 7
M 8	23 9 12	15°48'19	10 <sup>h</sup> 38	24°56	11°48	7°23	26° 5	5°11	13°49	4°41	12°22	24°16	25°45	13°39	1°29	M 8
T 9	23 13 8	16°46'16	23°47	24° 5	13° 2	8° 1	26° 6	5°18	13°52	4°42	12°22	24°D15	25°42	13°46	1°34	T 9
W10	23 17 5	17°44'16	7 <sup>h</sup> 8	23°12	14°17	8°39	26° 7	5°26	13°56	4°43	12°22	24°15	25°39	13°53	1°39	W10
T 11	23 21 1	18°42'17	20°42	22°16	15°31	9°18	26° 8	5°33	13°59	4°44	12°R22	24°17	25°36	13°59	1°44	T 11
F 12	23 24 58	19°40'20	4 <sup>h</sup> 28	21°19	16°45	9°56	26° 9	5°40	14° 2	4°44	12°22	24°18	25°32	14° 6	1°49	F 12
S 13	23 28 55	20°38'25	18°26	20°21	18° 0	10°34	26° 9	5°47	14° 5	4°45	12°22	24°R19	25°29	14°13	1°54	S 13
S 14	23 32 51	21°36'32	2 <sup>h</sup> 37	19°25	19°14	11°13	26°10	5°55	14° 8	4°46	12°22	24°18	25°26	14°20	1°59	S 14
M15	23 36 48	22°34'41	16°57	18°32	20°29	11°51	26°R10	6° 2	14°11	4°47	12°22	24°17	25°23	14°26	2° 4	M15
T 16	23 40 44	23°32'52	1 <sup>h</sup> 24	17°42	21°43	12°29	26°10	6°10	14°14	4°48	12°22	24°14	25°20	14°33	2° 8	T 16
W17	23 44 41	24°31'05	15°53	16°57	22°58	13° 7	26° 9	6°17	14°17	4°49	12°22	24°10	25°17	14°40	2°13	W17
T 18	23 48 37	25°29'20	0 <sup>h</sup> 20	16°18	24°12	13°45	26° 9	6°24	14°20	4°50	12°22	24° 5	25°13	14°46	2°18	T 18
F 19	23 52 34	26°27'36	14°37	15°45	25°27	14°23	26° 8	6°32	14°23	4°51	12°21	24° 1	25°10	14°53	2°22	F 19
S 20	23 56 30	27°25'55	28°41	15°21	26°41	15° 1	26° 7	6°39	14°26	4°52	12°21	23°58	25° 7	15° 0	2°27	S 20
S 21	0 0 27	28°24'15	12 <sup>h</sup> 26	15° 5	27°56	15°38	26° 6	6°47	14°29	4°53	12°21	23°57	25° 4	15° 7	2°31	S 21
M22	0 4 23	29°22'37	25°50	14°D58	29°10	16°16	26° 5	6°54	14°32	4°54	12°21	23°D56	25° 1	15°13	2°35	M22
T 23	0 8 20	0 <sup>h</sup> 21'00	8 <sup>h</sup> 52	15° 0	0 <sup>h</sup> 25	16°54	26° 3	7° 1	14°35	4°56	12°21	23°57	24°57	15°20	2°40	T 23
W24	0 12 17	1°19'25	21°34	15°11	1°40	17°31	26° 1	7° 9	14°38	4°57	12°20	23°58	24°54	15°27	2°44	W24
T 25	0 16 13	2°17'52	3 <sup>h</sup> 58	15°31	2°54	18° 9	25°59	7°16	14°41	4°58	12°20	24° 0	24°51	15°34	2°48	T 25
F 26	0 20 10	3°16'21	16° 8	16° 1	4° 9	18°46	25°57	7°24	14°43	4°59	12°20	24° 1	24°48	15°40	2°52	F 26
S 27	0 24 6	4°14'51	28° 7	16°39	5°23	19°24	25°55	7°31	14°46	5° 1	12°19	24° 2	24°45	15°47	2°56	S 27
S 28	0 28 3	5°13'22	10 <sup>h</sup> 3	17°26	6°38	20° 1	25°52	7°39	14°49	5° 2	12°19	24°R 2	24°42	15°54	3° 0	S 28
M29	0 31 59	6°11'56	21°54	18°21	7°53	20°39	25°50	7°46	14°51	5° 3	12°19	24° 1	24°38	16° 0	3° 4	M29
T 30	0 35 56	7 <sup>h</sup> 10'31	3 <sup>h</sup> 51	19 <sup>h</sup> 24	9 <sup>h</sup> 7	21 <sup>h</sup> 16	25 <sup>h</sup> 47	7 <sup>h</sup> 54	14 <sup>h</sup> 54	5 <sup>h</sup> 5	12 <sup>h</sup> 18	24 <sup>h</sup> 0	24 <sup>h</sup> 35	16 <sup>h</sup> 7	3 <sup>h</sup> 8	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	8n 9	17s37	5n 2	3s22	4s19	11n30	1n16	20n21	0n55	17n59	1s12	0n11	2n 5	17n19	0n36	19s23
T 2	7 47	15 52	5 8	3 22	4 25	11 4	1 17	20 12	0 56	17 59	1 13	0 8	2 5	17 18	0 36	19 23
W 3	7 25	13 24	5 0	3 18	4 29	10 38	1 18	20 4	0 56	18 0	1 13	0 6	2 5	17 17	0 36	19 24
T 4	7 3	10 21	4 39	3 11	4 33	10 11	1 19	19 55	0 57	18 0	1 13	0 3	2 5	17 16	0 37	19 24
F 5	6 41	6 47	4 4	3 1	4 35	9 44	1 20	19 46	0 58	18 0	1 13	0s 0	2 5	17 15	0 37	19 24
S 6	6 19	2 53	3 17	2 47	4 35	9 17	1 20	19 37	0 58	18 1	1 13	0 3	2 5	17 14	0 37	19 24
S 7	5 57	1n13	2 19	2 29	4 34	8 50	1 21	19 28	0 59	18 1	1 13	0 6	2 5	17 13	0 37	19 24
M 8	5 35	5 19	1 13	2 8	4 31	8 22	1 22	19 19	0 59	18 1	1 14	0 9	2 5	17 12	0 37	19 24
T 9	5 12	9 14	0 2	1 44	4 26	7 55	1 22	19 10	1 0	18 1	1 14	0 12	2 5	17 11	0 37	19 25
W10	4 50	12 45	1s10	1 17	4 19	7 27	1 23	19 0	1 1	18 1	1 14	0 14	2 5	17 10	0 37	19 25
T 11	4 27	15 38	2 19	0 47	4 11	6 58	1 23	18 51	1 1	18 1	1 14	0 17	2 5	17 10	0 37	19 25
F 12	4 5	17 39	3 22	0 15	4 0	6 30	1 24	18 41	1 2	18 1	1 14	0 20	2 5	17 9	0 37	19 25
S 13	3 42	18 39	4 13	0n19	3 48	6 1	1 24	18 31	1 2	18 1	1 14	0 23	2 5	17 8	0 37	19 25
S 14	3 19	18 29	4 50	0 54	3 34	5 32	1 24	18 22	1 3	18 1	1 15	0 26	2 5	17 7	0 37	19 26
M15	2 56	17 10	5 10	1 29	3 18	5 4	1 25	18 12	1 3	18 1	1 15	0 29	2 5	17 6	0 37	19 26
T 16	2 33	14 44	5 10	2 4	3 1	4 34	1 25	18 2	1 4	18 1	1 15	0 32	2 4	17 5	0 37	19 26
W17	2 10	11 24	4 50	2 38	2 43	4 5	1 25	17 51	1 5	18 0	1 15	0 35	2 4	17 4	0 37	19 26
T 18	1 47	7 23	4 12	3 10	2 24	3 36	1 25	17 41	1 5	18 0	1 15	0 38	2 4	17 4	0 37	19 27
F 19	1 24	2 58	3 19	3 40	2 5	3 6	1 25	17 31	1 6	18 0	1 15	0 41	2 4	17 3	0 37	19 27
S 20	1 1	1s32	2 14	4 8	1 46	2 37	1 25	17 20	1 6	17 59	1 16	0 44	2 4	17 2	0 37	19 27
S 21	0 38	5 52	1 3	4 32	1 26	2 7	1 25	17 9	1 7	17 59	1 16	0 46	2 4	17 1	0 37	19 27
M22	0 15	9 47	0n10	4 53	1 7	1 37	1 25	16 59	1 8	17 59	1 16	0 49	2 4	17 0	0 37	19 28
T 23	0s 8	13 7	1 21	5 10	0 48	1 7	1 24	16 48	1 8	17 58	1 16	0 52	2 4	16 59	0 37	19 28
W24	0 31	15 44	2 26	5 22	0 29	0 38	1 24	16 37	1 9	17 57	1 16	0 55	2 5	16 59	0 37	19 28
T 25	0 55	17 33	3 23	5 30	0 12	0 8	1 23	16 26	1 9	17 57	1 16	0 58	2 5	16 58	0 37	19 28
F 26	1 18	18 30	4 9	5 34	0n 5	0s22	1 23	16 15	1 10	17 56	1 16	1 1	2 5	16 57	0 37	19 29
S 27	1 41	18 37	4 44	5 34	0 20	0 52	1 22	16 4	1 10	17 56	1 17	1 4	2 5	16 56	0 37	19 29
S 28	2 4	17 53	5 6	5 29	0 35	1 22	1 22	15 53	1 11	17 55	1 17	1 7	2 5	16 56	0 37	19 29
M29	2 27	16 23	5 15	5 19	0 48	1 52	1 21	15 42	1 12	17 54	1 17	1 10	2 5	16 55	0 37	19 29
T 30	2s50	14s11	5n11	5n 6	1n 0	2s22	1n20	15n30	1n12	17n53	1s17	1s13	2n 5	16n54	0n37	19s30

Julian Day Number = 2681160.5, Delta T = 22m06s

Ecliptic obliquity = 23°21'19, Nutation = 0°00'09

Ayanamsha: Fagan/Bradley = 33°32'02, Lahiri = 32°39'02



## ASTRODIENST EPHEMERIS for the year 2628

NOVEMBER 2628

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 42 6	8♈42'39	1♏28	12♈30	19♈1	10♈34	22°R45	11♈48	15♈54	6♈1	11°R57	23♈52	22♈54	19♈42	4♈32	S 1
S 2	2 46 2	9°42'19	14°43	14° 8	20°16	11° 9	22♈37	11°55	15°55	6° 3	11♈56	23°53	22°50	19°49	4°33	S 2
M 3	2 49 59	10°42'00	28°20	15°45	21°31	11°44	22°29	12° 2	15°56	6° 5	11°55	23°R53	22°47	19°56	4°34	M 3
T 4	2 53 55	11°41'44	12♈17	17°22	22°46	12°19	22°21	12° 9	15°57	6° 7	11°54	23°52	22°44	20° 2	4°35	T 4
W 5	2 57 52	12°41'29	26°32	18°58	24° 1	12°53	22°13	12°16	15°58	6° 9	11°53	23°51	22°41	20° 9	4°36	W 5
T 6	3 1 48	13°41'16	10♈59	20°34	25°15	13°28	22° 5	12°23	15°59	6°11	11°52	23°48	22°38	20°16	4°37	T 6
F 7	3 5 45	14°41'06	25°32	22° 9	26°30	14° 3	21°57	12°29	16° 0	6°13	11°51	23°45	22°34	20°23	4°38	F 7
S 8	3 9 41	15°40'57	10♈5	23°43	27°45	14°37	21°49	12°36	16° 0	6°15	11°50	23°43	22°31	20°29	4°38	S 8
S 9	3 13 38	16°40'51	24°33	25°17	29° 0	15°11	21°41	12°43	16° 1	6°17	11°49	23°40	22°28	20°36	4°39	S 9
M10	3 17 35	17°40'47	8♈52	26°51	0♈15	15°46	21°33	12°49	16° 2	6°19	11°48	23°39	22°25	20°43	4°39	M10
T 11	3 21 31	18°40'45	22°58	28°24	1°30	16°20	21°25	12°56	16° 2	6°22	11°47	23°D39	22°22	20°49	4°40	T 11
W12	3 25 28	19°40'45	6♈50	29°57	2°45	16°54	21°17	13° 3	16° 3	6°24	11°46	23°40	22°19	20°56	4°40	W12
T 13	3 29 24	20°40'47	20°28	1♈29	4° 0	17°28	21° 9	13° 9	16° 3	6°26	11°45	23°41	22°15	21° 3	4°40	T 13
F 14	3 33 21	21°40'51	3♈52	3° 1	5°15	18° 2	21° 1	13°15	16° 4	6°28	11°44	23°43	22°12	21°10	4°40	F 14
S 15	3 37 17	22°40'58	17° 3	4°33	6°30	18°36	20°52	13°22	16° 4	6°30	11°43	23°44	22° 9	21°16	4°R40	S 15
S 16	3 41 14	23°41'06	0♈2	6° 4	7°45	19°10	20°44	13°28	16° 5	6°33	11°42	23°R44	22° 6	21°23	4°40	S 16
M17	3 45 10	24°41'16	12°49	7°34	9° 0	19°43	20°36	13°34	16° 5	6°35	11°41	23°42	22° 3	21°30	4°40	M17
T 18	3 49 7	25°41'28	25°24	9° 5	10°15	20°17	20°28	13°41	16° 5	6°37	11°40	23°39	21°59	21°37	4°40	T 18
W19	3 53 4	26°41'42	7♈48	10°35	11°29	20°50	20°20	13°47	16° 5	6°39	11°39	23°34	21°56	21°43	4°40	W19
T 20	3 57 0	27°41'58	20° 1	12° 4	12°44	21°24	20°12	13°53	16° 5	6°41	11°38	23°28	21°53	21°50	4°39	T 20
F 21	4 0 57	28°42'15	2♈6	13°33	13°59	21°57	20° 4	13°59	16°R 5	6°44	11°37	23°22	21°50	21°57	4°39	F 21
S 22	4 4 53	29°42'34	14° 3	15° 2	15°14	22°30	19°56	14° 5	16° 5	6°46	11°36	23°15	21°47	22° 3	4°38	S 22
S 23	4 8 50	0♈42'54	25°56	16°30	16°29	23° 3	19°48	14°11	16° 5	6°48	11°34	23° 9	21°44	22°10	4°37	S 23
M24	4 12 46	1°43'16	7♈47	17°57	17°44	23°36	19°40	14°17	16° 5	6°50	11°33	23° 5	21°40	22°17	4°36	M24
T 25	4 16 43	2°43'39	19°40	19°25	18°59	24° 9	19°32	14°23	16° 5	6°53	11°32	23° 2	21°37	22°24	4°35	T 25
W26	4 20 39	3°44'03	1♈40	20°51	20°14	24°41	19°25	14°28	16° 5	6°55	11°31	23°D 1	21°34	22°30	4°34	W26
T 27	4 24 36	4°44'29	13°53	22°17	21°29	25°14	19°17	14°34	16° 4	6°57	11°30	23° 1	21°31	22°37	4°33	T 27
F 28	4 28 33	5°44'56	26°22	23°42	22°44	25°46	19°10	14°40	16° 4	6°59	11°29	23° 2	21°28	22°44	4°32	F 28
S 29	4 32 29	6°45'24	9♈13	25° 7	23°59	26°19	19° 2	14°45	16° 4	7° 2	11°28	23° 4	21°25	22°50	4°31	S 29
S 30	4 36 26	7♈45'54	22♈28	26♈31	25♈14	26♈51	18♈55	14♈51	16♈3	7♈4	11♈27	23°R 5	21♈21	22♈57	4♈30	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14s21	2n26	2n 1	15s22	0n11	16s57	0n29	8n59	1n31	17n 7	1s19	2s42	2n 7	16n38	0n38	19s41	1n35	9n15	13s 0	9s14	8s52	16s50	12n19	6s57			
S 2	14 40	6 33	0 50	15 58	0 4	17 19	0 27	8 46	1 31	17 5	1 19	2 45	2 7	16 37	0 38	19 41	1 35	9 14	13 1	9 14	8 51	16 49	12 18	6 57			
M 3	14 59	10 28	0s25	16 33	0s 3	17 41	0 24	8 34	1 32	17 3	1 19	2 47	2 7	16 37	0 38	19 41	1 35	9 14	13 1	9 14	8 50	16 48	12 17	6 58			
T 4	15 17	13 53	1 40	17 7	0 10	18 3	0 22	8 21	1 33	17 1	1 19	2 50	2 7	16 37	0 39	19 42	1 35	9 14	13 1	9 14	8 49	16 47	12 16	6 59			
W 5	15 36	16 33	2 50	17 40	0 16	18 24	0 19	8 8	1 33	16 59	1 19	2 52	2 8	16 36	0 39	19 42	1 35	9 14	13 1	9 13	8 48	16 46	12 15	6 59			
T 6	15 54	18 12	3 51	18 12	0 23	18 44	0 17	7 55	1 34	16 57	1 19	2 55	2 8	16 36	0 39	19 43	1 35	9 13	13 1	9 12	8 46	16 45	12 14	7 0			
F 7	16 11	18 40	4 37	18 43	0 30	19 4	0 15	7 43	1 34	16 55	1 19	2 57	2 8	16 36	0 39	19 43	1 35	9 13	13 1	9 11	8 45	16 44	12 13	7 1			
S 8	16 29	17 54	5 6	19 14	0 37	19 23	0 12	7 30	1 35	16 53	1 19	3 0	2 8	16 36	0 39	19 43	1 35	9 13	13 1	9 10	8 44	16 43	12 13	7 1			
S 9	16 46	15 59	5 14	19 43	0 43	19 42	0 10	7 17	1 36	16 51	1 19	3 2	2 8	16 36	0 39	19 44	1 35	9 13	13 1	9 10	8 43	16 42	12 12	7 2			
M10	17 3	13 6	5 3	20 11	0 50	20 1	0 7	7 4	1 36	16 49	1 19	3 5	2 8	16 36	0 39	19 44	1 35	9 13	13 1	9 9	8 42	16 41	12 11	7 3			
T 11	17 19	9 29	4 34	20 39	0 56	20 18	0 5	6 52	1 37	16 47	1 19	3 7	2 8	16 35	0 39	19 44	1 35	9 12	13 1	9 9	8 40	16 40	12 10	7 3			
W12	17 36	5 25	3 50	21 5	1 2	20 36	0 2	6 39	1 37	16 45	1 19	3 9	2 9	16 35	0 39	19 45	1 35	9 12	13 2	9 9	8 39	16 39	12 10	7 4			
T 13	17 52	1 7	2 52	21 30	1 9	20 52	0s 0	6 26	1 38	16 43	1 19	3 12	2 9	16 35	0 39	19 45	1 35	9 12	13 2	9 10	8 38	16 38	12 9	7 4			
F 14	18 7	3s10	1 47	21 55	1 15	21 8	0 2	6 14	1 39	16 41	1 19	3 14	2 9	16 35	0 39	19 46	1 35	9 12	13 2	9 10	8 37	16 37	12 8	7 5			
S 15	18 23	7 14	0 37	22 18	1 21	21 24	0 5	6 1	1 39	16 39	1 19	3 16	2 9	16 35	0 39	19 46	1 35	9 12	13 2	9 11	8 36	16 36	12 8	7 6			
S 16	18 38	10 54	0n34	22 40	1 27	21 39	0 7	5 48	1 40	16 37	1 18	3 19	2 9	16 35	0 39	19 46	1 35	9 11	13 2	9 11	8 35	16 35	12 7	7 6			
M17	18 52	14 0	1 42	23 1	1 32	21 53	0 10	5 36	1 40	16 35	1 18	3 21	2 9	16 35	0 39	19 47	1 35	9 11	13 2	9 10	8 33	16 34	12 7	7 7			
T 18	19 7	16 23	2 44	23 21	1 38	22 7	0 12	5 23	1 41	16 33	1 18	3 23	2 10	16 35	0 39	19 47	1 35	9 11	13 2	9 9	8 32	16 33	12 6	7 8			
W19	19 21	17 57	3 37	23 39	1 43	22 20	0 15	5 11	1 42	16 31	1 18	3 25	2 10	16 35	0 39	19 47	1 35	9 11	13 2	9 7	8 31	16 32	12 5	7 8			
T 20	19 35	18 40	4 20	23 57	1 48	22 32	0 17	4 58	1 42	16 29	1 18	3 28	2 10	16 35	0 39	19 48	1 34	9 11	13 2	9 5	8 30	16 31	12 5	7 9			
F 21	19 48	18 31	4 49	24 13	1 53	22 44	0 20	4 46	1 43	16 27	1 18	3 30	2 10	16 35	0 39	19 48	1 34	9 11	13 2	9 3	8 29	16 30	12 4	7 10			
S 22	20 1	17 32	5 6	24 28	1 58	22 55	0 22	4 33	1 44	16 25	1 18	3 32	2 10	16 35	0 39	19 49	1 34	9 10	13 2	9 0	8 28	16 29	12 4	7 10			
S 23	20 14	15 49	5 10	24 42	2 2	23 5	0 25	4 21	1 44	16 23	1 18	3 34	2 11	16 35	0 39	19 49	1 34	9 10	13 2	8 58	8 26	16 27	12 4	7 11			
M24	20 26	13 25	5 0	24 55	2 6	23 15	0 27	4 8	1 45	16 21	1 17	3 36	2 11	16 35	0 39	19 49	1 34	9 10	13 2	8 56	8 25	16 26	12 3	7 11			
T 25	20 38	10 28	4 38	25 6	2 10	23 24	0 30	3 56	1 45	16 19	1 17	3 38	2 11	16 35	0 39	19 50	1 34	9 10	13 2	8 55	8 24	16 25	12 3	7 12			
W26	20 49	7 3	4 3	25 16	2 14	23 32	0 32	3 44	1 46	16 17	1 17	3 40	2 11	16 35	0 39	19 50	1 34	9 10	13 2	8 55	8 23	16 24	12 2	7 13			
T 27	21 1	3 18	3 16	25 25	2 17	23 40	0 35	3 31	1 47	16 15	1 17	3 42	2 11	16 35	0 39	19 51	1 34	9 10	13 2	8 55	8 22	16 23	12 2	7 13			
F 28	21 11	0n42	2 20	25 32	2 20	23 46	0 37	3 19	1 47	16 13	1 17	3 44	2 11	16 36	0 39	19 51	1 34	9 9	13 2	8 56	8 20	16 22	12 2	7 14			
S 29	21 22	4 47	1 14	25 39	2 23	23 53	0 40	3 7	1 48	16 11	1 17	3 46	2 12	16 36	0 40	19 51	1 34	9 9	13 2	8 56	8 19	16 21	12 1	7 14			
S 30	21s32	8n46	0n 3	25s44	2s25	23s58	0s42	2n55	1n49	16n10	1s16	3s48	2n12	16n36	0n40	19s52	1n34	9n 9	13s 2	8s56	8s18	16s20	12n 1	7s15			



## ASTRODIENST EPHEMERIS for the year 2629

JANUARY 2629

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 42 36	10°31'24"	27°11'49"	4°R 2	5°58' 9	12°43	16°R19	17°5 5	15°R22	8°13	10°R52	20°R17	19°40	26°32	3°R 5	T 1
F 2	6 46 32	11°13'45"	13°58' 5	2°35	6°23	13°10	16°8	17° 8	15°20	8°15	10°51	20°6	19°37	26°39	3°1	F 2
S 3	6 50 29	12°14'48"	28°26	1°49	7°38	13°36	16°15	17°10	15°18	8°17	10°50	19°54	19°33	26°46	2°57	S 3
S 4	6 54 25	13°15'52"	13°29	0°56	8°53	14° 2	16°14	17°13	15°16	8°19	10°49	19°44	19°30	26°53	2°53	S 4
M 5	6 58 22	14°16'57"	28°34	0°13	10° 7	14°28	16°13	17°15	15°14	8°21	10°48	19°36	19°27	26°59	2°49	M 5
T 6	7 2 18	15°18'02"	13°19	5 29	11°22	14°54	16°12	17°17	15°12	8°23	10°47	19°30	19°24	27° 6	2°46	T 6
W 7	7 6 15	16°19'07"	27° 8	29°20	12°37	15°20	16°11	17°20	15°10	8°25	10°46	19°27	19°21	27°13	2°42	W 7
T 8	7 10 11	17°20'13"	10°43	29° 9	13°51	15°45	16°10	17°22	15° 8	8°26	10°46	19°26	19°17	27°19	2°38	T 8
F 9	7 14 8	18°21'20"	23°52	29°D 8	15° 6	16°10	16°10	17°24	15° 5	8°28	10°45	19°26	19°14	27°26	2°34	F 9
S 10	7 18 5	19°22'27"	6°14	29°16	16°20	16°35	16°D10	17°25	15° 3	8°30	10°44	19°26	19°11	27°33	2°30	S 10
S 11	7 22 1	20°23'34"	19°11	29°32	17°35	16°59	16°10	17°27	15° 1	8°32	10°43	19°23	19° 8	27°40	2°26	S 11
M12	7 25 58	21°24'42"	1°28	29°56	18°49	17°23	16°10	17°29	14°59	8°34	10°42	19°18	19° 5	27°46	2°22	M12
T 13	7 29 54	22°25'50"	13°36	0°27	20° 4	17°47	16°10	17°30	14°56	8°35	10°41	19°10	19° 2	27°53	2°17	T 13
W14	7 33 51	23°26'59"	25°36	1° 4	21°18	18°11	16°11	17°32	14°54	8°37	10°41	18°59	18°58	28° 0	2°13	W14
T 15	7 37 47	24°28'08"	7°33	1°46	22°33	18°34	16°12	17°33	14°52	8°39	10°40	18°46	18°55	28° 6	2° 9	T 15
F 16	7 41 44	25°29'16"	19°26	2°33	23°47	18°57	16°13	17°34	14°49	8°41	10°39	18°31	18°52	28°13	2° 5	F 16
S 17	7 45 40	26°30'25"	1°18	3°25	25° 1	19°20	16°14	17°36	14°47	8°42	10°38	18°15	18°49	28°20	2° 1	S 17
S 18	7 49 37	27°31'33"	13°10	4°21	26°16	19°42	16°16	17°37	14°44	8°44	10°37	18° 1	18°46	28°27	1°57	S 18
M19	7 53 34	28°32'42"	25° 3	5°20	27°30	20° 4	16°18	17°37	14°42	8°46	10°37	17°49	18°43	28°33	1°52	M19
T 20	7 57 30	29°33'50"	6°59	6°22	28°44	20°26	16°19	17°38	14°39	8°47	10°36	17°40	18°39	28°40	1°48	T 20
W21	8 1 27	0°34'57"	19° 1	7°27	29°59	20°48	16°22	17°39	14°37	8°49	10°35	17°33	18°36	28°47	1°44	W21
T 22	8 5 23	1°36'04"	1°11	8°35	1°13	21° 9	16°24	17°40	14°34	8°50	10°35	17°30	18°33	28°54	1°40	T 22
F 23	8 9 20	2°37'11"	13°34	9°45	2°27	21°29	16°26	17°40	14°32	8°52	10°34	17°D29	18°30	29° 0	1°35	F 23
S 24	8 13 16	3°38'17"	26°13	10°57	3°41	21°50	16°29	17°40	14°29	8°53	10°33	17°29	18°27	29° 7	1°31	S 24
S 25	8 17 13	4°39'22"	9°15	12°11	4°56	22°10	16°32	17°41	14°27	8°55	10°33	17°R29	18°23	29°14	1°27	S 25
M26	8 21 9	5°40'27"	22°42	13°26	6°10	22°29	16°35	17°41	14°24	8°56	10°32	17°28	18°20	29°20	1°23	M26
T 27	8 25 6	6°41'31"	6°13	14°43	7°24	22°49	16°38	17°R41	14°21	8°58	10°32	17°25	18°17	29°27	1°19	T 27
W28	8 29 3	7°42'34"	21° 1	16° 1	8°38	23° 7	16°42	17°41	14°19	8°59	10°31	17°19	18°14	29°34	1°14	W28
T 29	8 32 59	8°43'36"	5°52	17°21	9°52	23°26	16°46	17°40	14°16	9° 0	10°31	17°10	18°11	29°41	1°10	T 29
F 30	8 36 56	9°44'38"	21° 2	18°42	11° 6	23°44	16°50	17°40	14°14	9° 2	10°30	17° 0	18° 8	29°47	1° 6	F 30
S 31	8 40 52	10°45'39"	6°23	20°3	12°19	24° 2	16°54	17°40	14°11	9° 3	10°30	16°50	18° 4	29°54	1° 2	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	22s58	18n42	4s38	20s35	2n43	20s29	1s37	3s 0	2n10	15n34	1s 8	4s32	2n20	16n49	0n41	T 1
F 2	22 53	17 46	4 58	20 27	2 52	20 12	1 38	3 10	2 11	15 34	1 8	4 33	2 20	16 50	0 41	F 2
S 3	22 48	15 33	4 57	20 22	2 59	19 53	1 39	3 20	2 12	15 34	1 8	4 34	2 20	16 50	0 41	S 3
S 4	22 42	12 17	4 35	20 18	3 3	19 35	1 40	3 29	2 12	15 33	1 7	4 34	2 20	16 51	0 41	S 4
M 5	22 36	8 16	3 54	20 16	3 5	19 15	1 40	3 38	2 13	15 33	1 7	4 35	2 21	16 52	0 41	M 5
T 6	22 29	3 52	2 59	20 16	3 5	18 55	1 41	3 48	2 14	15 33	1 7	4 36	2 21	16 52	0 41	T 6
W 7	22 22	0s37	1 55	20 17	3 4	18 35	1 41	3 57	2 15	15 33	1 7	4 36	2 21	16 53	0 41	W 7
T 8	22 14	4 56	0 46	20 21	3 1	18 14	1 42	4 6	2 15	15 34	1 6	4 37	2 22	16 54	0 41	T 8
F 9	22 6	8 52	0n23	20 25	2 56	17 53	1 42	4 14	2 16	15 34	1 6	4 37	2 22	16 54	0 41	F 9
S 10	21 58	12 17	1 30	20 31	2 50	17 31	1 42	4 23	2 17	15 34	1 6	4 38	2 22	16 55	0 41	S 10
S 11	21 49	15 3	2 30	20 38	2 44	17 8	1 42	4 32	2 18	15 34	1 5	4 38	2 22	16 56	0 41	S 11
M12	21 39	17 5	3 22	20 45	2 36	16 45	1 43	4 40	2 18	15 35	1 5	4 38	2 23	16 56	0 41	M12
T 13	21 30	18 18	4 4	20 53	2 29	16 22	1 43	4 49	2 19	15 35	1 5	4 39	2 23	16 57	0 41	T 13
W14	21 20	18 42	4 35	21 1	2 20	15 58	1 42	4 57	2 20	15 36	1 4	4 39	2 23	16 58	0 41	W14
T 15	21 9	18 15	4 54	21 9	2 11	15 34	1 42	5 5	2 21	15 36	1 4	4 39	2 24	16 58	0 41	T 15
F 16	20 58	17 1	4 59	21 17	2 3	15 9	1 42	5 13	2 21	15 37	1 4	4 39	2 24	16 59	0 41	F 16
S 17	20 47	15 3	4 52	21 25	1 53	14 44	1 42	5 21	2 22	15 37	1 4	4 40	2 24	17 0	0 41	S 17
S 18	20 35	12 28	4 32	21 33	1 44	14 19	1 41	5 28	2 23	15 38	1 3	4 40	2 24	17 1	0 41	S 18
M19	20 23	9 22	3 59	21 40	1 35	13 53	1 41	5 36	2 24	15 39	1 3	4 40	2 25	17 1	0 41	M19
T 20	20 10	5 52	3 17	21 47	1 25	13 27	1 41	5 43	2 24	15 40	1 3	4 40	2 25	17 2	0 41	T 20
W21	19 57	2 7	2 25	21 53	1 16	13 0	1 40	5 51	2 25	15 40	1 2	4 40	2 25	17 3	0 41	W21
T 22	19 44	1n46	1 25	21 58	1 7	12 33	1 39	5 58	2 26	15 41	1 2	4 40	2 26	17 4	0 41	T 22
F 23	19 30	5 39	0 21	22 3	0 57	12 6	1 39	6 5	2 27	15 42	1 2	4 40	2 26	17 4	0 41	F 23
S 24	19 16	9 22	0s46	22 6	0 48	11 38	1 38	6 12	2 28	15 43	1 2	4 40	2 26	17 5	0 41	S 24
S 25	19 2	12 44	1 53	22 9	0 39	11 10	1 37	6 18	2 28	15 45	1 1	4 39	2 26	17 6	0 41	S 25
M26	18 47	15 33	2 55	22 11	0 30	10 42	1 36	6 25	2 29	15 46	1 1	4 39	2 27	17 7	0 41	M26
T 27	18 32	17 34	3 50	22 11	0 22	10 14	1 35	6 31	2 30	15 47	1 1	4 39	2 27	17 7	0 41	T 27
W28	18 17	18 32	4 32	22 11	0 13	9 45	1 34	6 37	2 31	15 48	1 0	4 39	2 27	17 8	0 41	W28
T 29	18 1	18 17	4 57	22 9	0 5	9 16	1 32	6 43	2 32	15 49	1 0	4 38	2 28	17 9	0 41	T 29
F 30	17 45	16 45	5 2	22 7	0s 4	8 47	1 31	6 49	2 32	15 51	1 0	4 38	2 28	17 10	0 41	F 30
S 31	17s28	14n 0	4s45	22s 3	0s12	8s18	1s30	6s55	2n33	15n52	1s 0	4s37	2n28	17n11	0n41	S 31

Julian Day Number = 2681282.5, Delta T = 22m08s

Ecliptic obliquity = 23°21'18", Nutation = 0°00'06"

Ayanamsha: Fagan/Bradley = 33°32'19", Lahiri = 32°39'19"

## ASTRODIENST EPHEMERIS for the year 2629

FEBRUARY 2629

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 44 49	11°46'40	21°42	21°26	13°33	24°19	16°58	17°R39	14°R 8	9° 4	10°R29	16°R40	18° 1	0° 1	0°R58	S 1
M 2	8 48 45	12°47'39	6°48	22°50	14°47	24°36	17° 2	17°39	14° 6	9° 5	10°R29	16°R33	17°58	0° 7	0°R54	M 2
T 3	8 52 42	13°48'39	21°32	24°15	16° 1	24°52	17° 7	17°38	14° 3	9° 7	10°R28	16°28	17°55	0°14	0°50	T 3
W 4	8 56 38	14°49'37	5°48	25°41	17°15	25° 8	17°12	17°37	14° 1	9° 8	10°R28	16°25	17°52	0°21	0°45	W 4
T 5	9 0 35	15°50'35	19°35	27° 7	18°28	25°23	17°17	17°36	13°58	9° 9	10°R27	16°D25	17°49	0°28	0°41	T 5
F 6	9 4 32	16°51'33	2°53	28°35	19°42	25°38	17°22	17°35	13°55	9°10	10°R27	16°25	17°45	0°34	0°37	F 6
S 7	9 8 28	17°52'30	15°46	0° 3	20°55	25°53	17°27	17°34	13°53	9°11	10°R27	16°R26	17°42	0°41	0°33	S 7
S 8	9 12 25	18°53'27	28°17	1°32	22° 9	26° 7	17°33	17°33	13°50	9°12	10°R26	16°26	17°39	0°48	0°30	S 8
M 9	9 16 21	19°54'23	10°33	3° 1	23°22	26°20	17°39	17°31	13°47	9°13	10°R26	16°23	17°36	0°55	0°26	M 9
T 10	9 20 18	20°55'18	22°36	4°32	24°36	26°33	17°45	17°30	13°45	9°14	10°R26	16°18	17°33	1° 1	0°22	T 10
W 11	9 24 14	21°56'13	4°33	6° 3	25°49	26°46	17°51	17°28	13°42	9°15	10°R25	16°11	17°29	1° 8	0°18	W 11
T 12	9 28 11	22°57'07	16°25	7°35	27° 2	26°58	17°57	17°27	13°40	9°16	10°R25	16° 2	17°26	1°15	0°14	T 12
F 13	9 32 7	23°58'00	28°16	9° 7	28°15	27° 9	18° 3	17°25	13°37	9°17	10°R25	15°52	17°23	1°21	0°10	F 13
S 14	9 36 4	24°58'52	10° 8	10°41	29°29	27°20	18°10	17°23	13°35	9°18	10°R25	15°41	17°20	1°28	0° 7	S 14
S 15	9 40 1	25°59'43	22° 3	12°15	0°Y42	27°30	18°16	17°21	13°32	9°19	10°R25	15°31	17°17	1°35	0° 3	S 15
M 16	9 43 57	27° 0'32	4° 2	13°50	1°55	27°40	18°23	17°19	13°29	9°20	10°R24	15°22	17°14	1°42	29°59	M 16
T 17	9 47 54	28° 1'21	16° 6	15°25	3° 8	27°49	18°30	17°17	13°27	9°20	10°R24	15°16	17°10	1°48	29°56	T 17
W 18	9 51 50	29° 2'08	28°18	17° 2	4°21	27°57	18°38	17°14	13°24	9°21	10°R24	15°12	17° 7	1°55	29°52	W 18
T 19	9 55 47	0° 2'54	10°Y38	18°39	5°34	28° 5	18°45	17°12	13°22	9°22	10°R24	15°D11	17° 4	2° 2	29°49	T 19
F 20	9 59 43	1° 3'39	23°10	20°17	6°46	28°12	18°53	17°10	13°19	9°23	10°R24	15°11	17° 1	2° 8	29°46	F 20
S 21	10 3 40	2° 4'22	5° 56	21°56	7°59	28°19	19° 0	17° 7	13°17	9°23	10°R24	15°12	16°58	2°15	29°42	S 21
S 22	10 7 36	3° 5'04	18°59	23°35	9°12	28°24	19° 8	17° 4	13°15	9°24	10°R24	15°13	16°55	2°22	29°39	S 22
M 23	10 11 33	4° 5'44	2°12	25°16	10°24	28°30	19°16	17° 2	13°12	9°24	10°D24	15°R14	16°51	2°29	29°36	M 23
T 24	10 15 29	5° 6'22	16° 7	26°57	11°37	28°34	19°24	16°59	13°10	9°25	10°R24	15°14	16°48	2°35	29°33	T 24
W 25	10 19 26	6° 6'59	0°17	28°39	12°49	28°38	19°32	16°56	13° 7	9°25	10°R24	15°11	16°45	2°42	29°30	W 25
T 26	10 23 23	7° 7'34	14°48	0° 22	14° 1	28°41	19°41	16°53	13° 5	9°26	10°R24	15° 7	16°42	2°49	29°27	T 26
F 27	10 27 19	8° 8'08	29°37	2° 6	15°14	28°44	19°49	16°50	13° 3	9°26	10°R24	15° 2	16°39	2°55	29°24	F 27
S 28	10 31 16	9° 8'39	14° 39	3° 50	16°Y26	28°46	19° 58	16°47	13° 1	9°27	10°R24	14°57	16°35	3° 2	29°21	S 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	17s12	10n18	4s 8	21s58	0s19	7s48	1s28	7s 0	2n34	15n54	0s59	4s37	2n28	17n11	0n41	20s 9
M 2	16 55	5 58	3 14	21 52	0 27	7 18	1 27	7 6	2 35	15 55	0 59	4 37	2 29	17 12	0 41	20 9
T 3	16 37	1 23	2 9	21 45	0 34	6 48	1 25	7 11	2 36	15 57	0 59	4 36	2 29	17 13	0 41	20 9
W 4	16 20	3s10	0 56	21 37	0 42	6 18	1 23	7 16	2 36	15 58	0 58	4 35	2 29	17 14	0 41	20 10
T 5	16 2	7 22	0n17	21 27	0 48	5 48	1 21	7 21	2 37	16 0	0 58	4 35	2 30	17 14	0 41	20 10
F 6	15 44	11 4	1 27	21 16	0 55	5 17	1 20	7 25	2 38	16 2	0 58	4 34	2 30	17 15	0 41	20 10
S 7	15 25	14 6	2 30	21 4	1 2	4 47	1 18	7 30	2 39	16 4	0 58	4 33	2 30	17 16	0 41	20 10
S 8	15 7	16 23	3 25	20 51	1 8	4 16	1 16	7 34	2 40	16 5	0 57	4 33	2 30	17 17	0 41	20 10
M 9	14 48	17 51	4 8	20 37	1 14	3 45	1 14	7 38	2 40	16 7	0 57	4 32	2 31	17 17	0 41	20 10
T 10	14 28	18 29	4 40	20 21	1 19	3 14	1 11	7 42	2 41	16 9	0 57	4 31	2 31	17 18	0 41	20 10
W 11	14 9	18 18	4 59	20 4	1 25	2 43	1 9	7 46	2 42	16 11	0 57	4 30	2 31	17 19	0 41	20 10
T 12	13 49	17 18	5 5	19 45	1 30	2 12	1 7	7 49	2 43	16 13	0 56	4 29	2 31	17 20	0 41	20 10
F 13	13 29	15 34	4 58	19 26	1 35	1 41	1 5	7 53	2 43	16 15	0 56	4 29	2 32	17 20	0 41	20 11
S 14	13 9	13 10	4 38	19 5	1 39	1 9	1 2	7 56	2 44	16 17	0 56	4 28	2 32	17 21	0 41	20 11
S 15	12 49	10 13	4 6	18 43	1 43	0 38	1 0	7 59	2 45	16 19	0 56	4 27	2 32	17 22	0 41	20 11
M 16	12 28	6 50	3 23	18 20	1 47	0 7	0 57	8 1	2 46	16 21	0 55	4 26	2 32	17 22	0 41	20 11
T 17	12 7	3 9	2 30	17 55	1 51	0n25	0 54	8 4	2 47	16 23	0 55	4 24	2 33	17 23	0 41	20 11
W 18	11 46	0n42	1 30	17 29	1 54	0 56	0 52	8 6	2 47	16 26	0 55	4 23	2 33	17 24	0 41	20 11
T 19	11 25	4 34	0 25	17 2	1 57	1 27	0 49	8 8	2 48	16 28	0 55	4 22	2 33	17 25	0 41	20 11
F 20	11 4	8 18	0s43	16 34	2 0	1 58	0 46	8 10	2 49	16 30	0 54	4 21	2 33	17 25	0 41	20 11
S 21	10 42	11 43	1 50	16 4	2 2	2 30	0 43	8 12	2 49	16 33	0 54	4 20	2 34	17 26	0 41	20 11
S 22	10 20	14 38	2 53	15 33	2 4	3 1	0 40	8 13	2 50	16 35	0 54	4 19	2 34	17 27	0 41	20 11
M 23	9 58	16 50	3 48	15 1	2 5	3 32	0 37	8 14	2 51	16 37	0 54	4 17	2 34	17 27	0 41	20 11
T 24	9 36	18 8	4 32	14 28	2 6	4 3	0 34	8 15	2 51	16 40	0 53	4 16	2 34	17 28	0 41	20 11
W 25	9 14	18 21	5 0	13 53	2 7	4 34	0 31	8 16	2 52	16 42	0 53	4 15	2 35	17 29	0 41	20 11
T 26	8 52	17 23	5 11	13 18	2 7	5 5	0 28	8 17	2 53	16 45	0 53	4 13	2 35	17 29	0 41	20 11
F 27	8 29	15 15	5 1	12 40	2 7	5 36	0 25	8 17	2 53	16 47	0 53	4 12	2 35	17 30	0 41	20 11
S 28	8s 7	12n 4	4s30	12s 2	2s 7	6n 7	0s21	8s17	2n54	16n50	0s52	4s11	2n35	17n31	0n41	20s11

Julian Day Number = 2681313.5, Delta T = 22m08s

Ecliptic obliquity = 23°21'18, Nutation = 0°00'07

Ayanamsha: Fagan/Bradley = 33°32'23, Lahiri = 32°39'23

## ASTRODIENST EPHEMERIS for the year 2629

MARCH 2629

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 35 12	10°09'	29°43'	5°36'	17°38'	28°47'	20°07'	16°R43	12°R58	9°27'	10°12'	14°R52	16°03'	3°09'	29°R18	S 1
M 2	10 39 9	11° 9'38	14°40'	7°22'	18°50'	28°R47	20°16'	16°040	12°056	9°28'	10°24'	14°047	16°29'	3°16'	29°015	M 2
T 3	10 43 5	12°10'04	29°22'	9°10'	20° 2'	28°47'	20°25'	16°37'	12°54'	9°28'	10°24'	14°45'	16°26'	3°22'	29°13'	T 3
W 4	10 47 2	13°10'30	13°42'	10°58'	21°13'	28°46'	20°34'	16°33'	12°52'	9°28'	10°25'	14°D44	16°23'	3°29'	29°10'	W 4
T 5	10 50 58	14°10'54	27°36'	12°48'	22°25'	28°44'	20°43'	16°30'	12°50'	9°28'	10°25'	14°45'	16°20'	3°36'	29° 8'	T 5
F 6	10 54 55	15°11'17	11°11'	14°38'	23°36'	28°42'	20°53'	16°26'	12°47'	9°29'	10°25'	14°46'	16°16'	3°42'	29° 5'	F 6
S 7	10 58 52	16°11'38	24° 3'	16°29'	24°48'	28°38'	21° 2'	16°22'	12°45'	9°29'	10°25'	14°48'	16°13'	3°49'	29° 3'	S 7
S 8	11 2 48	17°11'58	6°42'	18°21'	25°59'	28°34'	21°12'	16°19'	12°43'	9°29'	10°26'	14°49'	16°10'	3°56'	29° 1'	S 8
M 9	11 6 45	18°12'17	19° 1'	20°13'	27°11'	28°29'	21°22'	16°15'	12°41'	9°29'	10°26'	14°R49	16° 7'	4° 3'	28°58'	M 9
T 10	11 10 41	19°12'34	1°07'	22° 7'	28°22'	28°24'	21°32'	16°11'	12°39'	9°29'	10°26'	14°49'	16° 4'	4° 9'	28°56'	T 10
W 11	11 14 38	20°12'50	13° 4'	24° 1'	29°33'	28°17'	21°42'	16° 7'	12°37'	9°29'	10°27'	14°47'	16° 0'	4°16'	28°54'	W 11
T 12	11 18 34	21°13'04	24°55'	25°56'	0°44'	28°10'	21°52'	16° 3'	12°36'	9°R29	10°27'	14°44'	15°57'	4°23'	28°52'	T 12
F 13	11 22 31	22°13'17	6°46'	27°51'	1°55'	28° 2'	22° 2'	15°59'	12°34'	9°29'	10°27'	14°40'	15°54'	4°29'	28°51'	F 13
S 14	11 26 27	23°13'28	18°40'	29°47'	3° 5'	27°53'	22°13'	15°55'	12°32'	9°29'	10°28'	14°37'	15°51'	4°36'	28°49'	S 14
S 15	11 30 24	24°13'38	0°39'	1°42'	4°16'	27°44'	22°23'	15°51'	12°30'	9°29'	10°28'	14°33'	15°48'	4°43'	28°47'	S 15
M 16	11 34 21	25°13'45	12°45'	3°38'	5°26'	27°33'	22°34'	15°46'	12°28'	9°29'	10°29'	14°30'	15°45'	4°50'	28°46'	M 16
T 17	11 38 17	26°13'52	25° 1'	5°34'	6°37'	27°22'	22°44'	15°42'	12°27'	9°29'	10°29'	14°28'	15°41'	4°56'	28°44'	T 17
W 18	11 42 14	27°13'56	7°28'	7°29'	7°47'	27°10'	22°55'	15°38'	12°25'	9°28'	10°29'	14°27'	15°38'	5° 3'	28°43'	W 18
T 19	11 46 10	28°13'58	20° 6'	9°23'	8°57'	26°58'	23° 6'	15°33'	12°23'	9°28'	10°30'	14°D27	15°35'	5°10'	28°41'	T 19
F 20	11 50 7	29°13'59	2°56'	11°16'	10° 7'	26°44'	23°17'	15°29'	12°22'	9°28'	10°30'	14°28'	15°32'	5°16'	28°40'	F 20
S 21	11 54 3	0°13'57	15°59'	13° 7'	11°17'	26°30'	23°28'	15°24'	12°20'	9°28'	10°31'	14°29'	15°29'	5°23'	28°39'	S 21
S 22	11 58 0	1°13'54	29°17'	14°56'	12°27'	26°15'	23°40'	15°20'	12°19'	9°27'	10°32'	14°30'	15°26'	5°30'	28°38'	S 22
M 23	12 1 56	2°13'48	12°49'	16°43'	13°36'	26° 0'	23°51'	15°15'	12°17'	9°27'	10°32'	14°31'	15°22'	5°37'	28°37'	M 23
T 24	12 5 53	3°13'40	26°36'	18°28'	14°46'	25°44'	24° 2'	15°11'	12°16'	9°26'	10°33'	14°32'	15°19'	5°43'	28°36'	T 24
W 25	12 9 50	4°13'30	10°38'	20° 8'	15°55'	25°27'	24°14'	15° 6'	12°15'	9°26'	10°33'	14°R32	15°16'	5°50'	28°36'	W 25
T 26	12 13 46	5°13'18	24°53'	21°45'	17° 4'	25° 9'	24°25'	15° 2'	12°13'	9°26'	10°34'	14°31'	15°13'	5°57'	28°35'	T 26
F 27	12 17 43	6°13'03	9°02'	23°18'	18°13'	24°51'	24°37'	14°57'	12°12'	9°25'	10°35'	14°30'	15°10'	6° 3'	28°34'	F 27
S 28	12 21 39	7°12'46	23°55'	24°45'	19°22'	24°32'	24°49'	14°52'	12°11'	9°25'	10°35'	14°29'	15° 6'	6°10'	28°34'	S 28
S 29	12 25 36	8°12'27	8°31'	26° 8'	20°31'	24°13'	25° 1'	14°48'	12°10'	9°24'	10°36'	14°29'	15° 3'	6°17'	28°34'	S 29
M 30	12 29 32	9°12'06	23° 4'	27°25'	21°39'	23°53'	25°13'	14°43'	12° 9'	9°23'	10°37'	14°28'	15° 0'	6°24'	28°33'	M 30
T 31	12 33 29	10°11'43	7°27'	28°35'	22°48'	23°03'	25°02'	14°38'	12° 8'	9°23'	10°38'	14°02'	14°57'	6°30'	28°33'	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	7s44	8n 5	3s41	11s23	2s 6	6n37	0s18	8s17	2n54	16n52	0s52	4s 9	2n35	17n31	0n41	S 1
M 2	7 21	3 36	2 37	10 42	2 4	7 8	0 14	8 17	2 55	16 55	0 52	4 8	2 36	17 32	0 41	M 2
T 3	6 58	1s 1	1 23	10 0	2 2	7 38	0 11	8 16	2 56	16 57	0 52	4 6	2 36	17 33	0 41	T 3
W 4	6 35	5 28	0 6	9 17	2 0	8 8	0 8	8 15	2 56	17 0	0 52	4 5	2 36	17 33	0 41	W 4
T 5	6 12	9 30	1n10	8 32	1 57	8 38	0 4	8 14	2 57	17 3	0 51	4 3	2 36	17 34	0 41	T 5
F 6	5 49	12 53	2 19	7 47	1 54	9 8	0 0	8 13	2 57	17 5	0 51	4 2	2 36	17 34	0 41	F 6
S 7	5 26	15 30	3 19	7 0	1 50	9 37	0n 3	8 11	2 57	17 8	0 51	4 0	2 37	17 35	0 41	S 7
S 8	5 2	17 17	4 7	6 12	1 45	10 7	0 7	8 9	2 58	17 11	0 51	3 59	2 37	17 35	0 41	S 8
M 9	4 39	18 12	4 43	5 24	1 40	10 36	0 10	8 7	2 58	17 14	0 50	3 57	2 37	17 36	0 41	M 9
T 10	4 15	18 16	5 5	4 34	1 35	11 5	0 14	8 5	2 58	17 16	0 50	3 55	2 37	17 36	0 41	T 10
W 11	3 52	17 31	5 14	3 43	1 28	11 33	0 18	8 3	2 59	17 19	0 50	3 54	2 37	17 37	0 41	W 11
T 12	3 28	16 0	5 9	2 52	1 22	12 2	0 22	8 0	2 59	17 22	0 50	3 52	2 37	17 38	0 41	T 12
F 13	3 5	13 49	4 51	1 59	1 14	12 30	0 26	7 57	2 59	17 25	0 50	3 50	2 38	17 38	0 41	F 13
S 14	2 41	11 3	4 21	1 6	1 7	12 58	0 29	7 54	2 59	17 28	0 49	3 49	2 38	17 39	0 41	S 14
S 15	2 17	7 48	3 38	0 13	0 58	13 25	0 33	7 50	2 59	17 31	0 49	3 47	2 38	17 39	0 41	S 15
M 16	1 53	4 11	2 46	0n41	0 49	13 52	0 37	7 46	2 59	17 33	0 49	3 45	2 38	17 39	0 41	M 16
T 17	1 30	0 22	1 45	1 36	0 39	14 19	0 41	7 42	2 59	17 36	0 49	3 43	2 38	17 40	0 41	T 17
W 18	1 6	3n33	0 39	2 30	0 29	14 46	0 45	7 38	2 59	17 39	0 49	3 42	2 38	17 40	0 41	W 18
T 19	0 42	7 21	0s31	3 25	0 19	15 12	0 49	7 34	2 59	17 42	0 48	3 40	2 38	17 41	0 41	T 19
F 20	0 18	10 52	1 40	4 19	0 7	15 38	0 53	7 29	2 59	17 45	0 48	3 38	2 39	17 41	0 41	F 20
S 21	0n 6	13 55	2 46	5 13	0n 4	16 4	0 57	7 24	2 59	17 48	0 48	3 36	2 39	17 42	0 41	S 21
S 22	0 29	16 17	3 43	6 7	0 16	16 29	1 1	7 19	2 59	17 51	0 48	3 34	2 39	17 42	0 41	S 22
M 23	0 53	17 48	4 30	6 59	0 28	16 54	1 5	7 14	2 58	17 54	0 48	3 33	2 39	17 42	0 41	M 23
T 24	1 17	18 17	5 2	7 50	0 41	17 18	1 9	7 9	2 58	17 57	0 47	3 31	2 39	17 43	0 41	T 24
W 25	1 40	17 41	5 16	8 40	0 54	17 42	1 13	7 3	2 57	18 0	0 47	3 29	2 39	17 43	0 41	W 25
T 26	2 4	15 58	5 12	9 28	1 6	18 6	1 17	6 57	2 57	18 3	0 47	3 27	2 39	17 43	0 41	T 26
F 27	2 28	13 14	4 48	10 15	1 19	18 29	1 21	6 51	2 56	18 6	0 47	3 25	2 39	17 44	0 41	F 27
S 28	2 51	9 39	4 5	10 59	1 32	18 52	1 25	6 45	2 56	18 9	0 47	3 23	2 39	17 44	0 41	S 28
S 29	3 15	5 28	3 6	11 40	1 44	19 14	1 29	6 39	2 55	18 12	0 47	3 21	2 39	17 44	0 41	S 29
M 30	3 38	0 58	1 56	12 19	1 56	19 36	1 33	6 32	2 54	18 15	0 46	3 20	2 39	17 45	0 41	M 30
T 31	4n 1	3s33	0s39	12n56	2n 8	19n58	1n37	6s26	2n53	18n18	0s46	3s18	2n40	17n45	0n41	T 31

Julian Day Number = 2681341.5, Delta T = 22m08s

Ecliptic obliquity = 23°21'19", Nutation = 0°00'06"

Ayanamsha: Fagan/Bradley = 33°32'27", Lahiri = 32°39'27"

## ASTRODIENST EPHEMERIS for the year 2629

APRIL 2629

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 37 25	11°11'18"	21°53'34"	29°39'39"	23°56'56"	23°R12	25°37'37"	14°R34	12°R 7	9°R22	10°R38	14°D28	14°54'54"	6°53'37"	28°D33	W 1
T 2	12 41 22	12°10'51"	5°11'22"	0°36'36"	25° 4	22°51	25°49	14°29	12° 6	9°21	10°39	14°28	14°51	6°44	28°33	T 2
F 3	12 45 18	13°10'22"	18°49	1°26	26°12	22°30	26° 1	14°24	12° 5	9°21	10°40	14°28	14°47	6°50	28°33	F 3
S 4	12 49 15	14° 9'51"	1°52'52"	2° 9	27°19	22° 8	26°13	14°20	12° 4	9°20	10°41	14°R28	14°44	6°57	28°33	S 4
S 5	12 53 12	15° 9'19"	14°35	2°44	28°27	21°46	26°26	14°15	12° 3	9°19	10°41	14°28	14°41	7° 4	28°34	S 5
M 6	12 57 8	16° 8'44"	26°59	3°12	29°34	21°23	26°38	14°10	12° 3	9°19	10°42	14°28	14°38	7°11	28°34	M 6
T 7	13 1 5	17° 8'08"	9°3 9	3°32	0°11'41"	21° 0	26°51	14° 5	12° 2	9°18	10°43	14°28	14°35	7°17	28°34	T 7
W 8	13 5 1	18° 7'31"	21° 8	3°45	1°48	20°37	27° 3	14° 1	12° 1	9°17	10°44	14°D28	14°31	7°24	28°35	W 8
T 9	13 8 58	19° 6'51"	3°51 1	3°R50	2°54	20°14	27°16	13°56	12° 1	9°16	10°45	14°28	14°28	7°31	28°36	T 9
F 10	13 12 54	20° 6'10"	14°53	3°47	4° 1	19°51	27°28	13°51	12° 0	9°15	10°46	14°29	14°25	7°37	28°36	F 10
S 11	13 16 51	21° 5'27"	26°48	3°38	5° 7	19°28	27°41	13°47	12° 0	9°14	10°47	14°29	14°22	7°44	28°37	S 11
S 12	13 20 47	22° 4'42"	8°50	3°21	6°13	19° 4	27°54	13°42	11°59	9°13	10°48	14°30	14°19	7°51	28°38	S 12
M13	13 24 44	23° 3'55"	21° 3	2°59	7°19	18°41	28° 7	13°37	11°59	9°12	10°49	14°31	14°16	7°58	28°39	M13
T 14	13 28 41	24° 3'07"	3°30	2°31	8°24	18°18	28°20	13°33	11°59	9°11	10°50	14°31	14°12	8° 4	28°40	T 14
W15	13 32 37	25° 2'16"	16°12	1°58	9°30	17°55	28°33	13°28	11°58	9°10	10°51	14°R32	14° 9	8°11	28°42	W15
T 16	13 36 34	26° 1'24"	29° 9	1°20	10°35	17°32	28°46	13°24	11°58	9° 9	10°52	14°31	14° 6	8°18	28°43	T 16
F 17	13 40 30	27° 0'29"	12°52	0°39	11°40	17° 9	28°59	13°19	11°58	9° 8	10°53	14°30	14° 3	8°24	28°44	F 17
S 18	13 44 27	27°59'33"	25°52	29°55	12°44	16°46	29°12	13°15	11°58	9° 7	10°54	14°29	14° 0	8°31	28°46	S 18
S 19	13 48 23	28°58'35"	9°11'34"	29°10	13°49	16°24	29°25	13°10	11°D58	9° 6	10°55	14°27	13°57	8°38	28°48	S 19
M20	13 52 20	29°57'34"	23°26	28°24	14°53	16° 2	29°39	13° 6	11°58	9° 5	10°56	14°25	13°53	8°45	28°49	M20
T 21	13 56 16	0°35'63"	7°52'28"	27°37	15°56	15°41	29°52	13° 1	11°58	9° 3	10°57	14°23	13°50	8°51	28°51	T 21
W22	14 0 13	1°55'26"	21°35	26°52	17° 0	15°20	0°11' 5	12°57	11°58	9° 2	10°58	14°22	13°47	8°58	28°53	W22
T 23	14 4 10	2°54'18"	5°12'47"	26° 8	18° 3	14°59	0°19	12°53	11°58	9° 1	10°59	14°D22	13°44	9° 5	28°55	T 23
F 24	14 8 6	3°53'09"	20° 0	25°27	19° 6	14°39	0°32	12°48	11°58	9° 0	11° 0	14°23	13°41	9°11	28°57	F 24
S 25	14 12 3	4°51'56"	4°12'12"	24°49	20° 8	14°19	0°46	12°44	11°59	8°59	11° 1	14°24	13°37	9°18	28°59	S 25
S 26	14 15 59	5°50'42"	18°22	24°14	21°10	14° 0	0°59	12°40	11°59	8°57	11° 2	14°25	13°34	9°25	29° 1	S 26
M27	14 19 56	6°49'25"	2°26'26"	23°44	22°12	13°42	1°13	12°36	11°59	8°56	11° 3	14°26	13°31	9°31	29° 4	M27
T 28	14 23 52	7°48'07"	16°21	23°18	23°14	13°24	1°26	12°32	12° 0	8°55	11° 5	14°R27	13°28	9°38	29° 6	T 28
W29	14 27 49	8°46'46"	0°11' 5	22°57	24°15	13° 7	1°40	12°28	12° 0	8°53	11° 6	14°26	13°25	9°45	29° 8	W29
T 30	14 31 45	9°45'24"	13°11'35"	22°40	25°11'16"	12°50	1°11'54"	12°24	12° 1	8°52	11° 7	14°24	13°22	9°52	29°11	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	4n25	7s46	0n39	13n29	2n19	20n19	1n40	6s19	2n52	18n21	0s46	3s16	2n40	17n45	0n41	20s 9
T 2	4 48	11 29	1 53	13 59	2 30	20 39	1 44	6 12	2 51	18 24	0 46	3 14	2 40	17 45	0 41	20 9
F 3	5 11	14 29	2 59	14 25	2 39	20 59	1 48	6 6	2 50	18 27	0 46	3 12	2 40	17 46	0 41	20 9
S 4	5 34	16 39	3 54	14 48	2 48	21 19	1 52	5 59	2 49	18 30	0 46	3 10	2 40	17 46	0 41	20 8
S 5	5 57	17 55	4 35	15 8	2 56	21 38	1 56	5 52	2 48	18 33	0 45	3 9	2 40	17 46	0 41	20 8
M 6	6 20	18 17	5 3	15 24	3 2	21 56	2 0	5 44	2 46	18 36	0 45	3 7	2 40	17 46	0 40	20 8
T 7	6 42	17 47	5 16	15 36	3 8	22 14	2 3	5 37	2 45	18 39	0 45	3 5	2 40	17 46	0 40	20 8
W 8	7 5	16 31	5 15	15 44	3 12	22 31	2 7	5 30	2 43	18 42	0 45	3 3	2 40	17 47	0 40	20 8
T 9	7 28	14 32	5 1	15 48	3 15	22 48	2 11	5 23	2 42	18 45	0 45	3 1	2 40	17 47	0 40	20 8
F 10	7 50	11 57	4 34	15 49	3 16	23 5	2 15	5 16	2 40	18 48	0 45	2 59	2 40	17 47	0 40	20 8
S 11	8 12	8 51	3 55	15 45	3 16	23 21	2 18	5 9	2 38	18 51	0 44	2 58	2 40	17 47	0 40	20 7
S 12	8 34	5 22	3 5	15 38	3 14	23 36	2 22	5 2	2 37	18 54	0 44	2 56	2 40	17 47	0 40	20 7
M13	8 56	1 36	2 7	15 27	3 10	23 50	2 25	4 54	2 35	18 57	0 44	2 54	2 40	17 47	0 40	20 7
T 14	9 18	2n19	1 1	15 12	3 5	24 5	2 29	4 47	2 33	19 0	0 44	2 52	2 40	17 47	0 40	20 7
W15	9 40	6 12	0s 9	14 54	2 58	24 18	2 32	4 41	2 31	19 3	0 44	2 51	2 40	17 47	0 40	20 7
T 16	10 1	9 53	1 20	14 33	2 50	24 31	2 35	4 34	2 29	19 6	0 44	2 49	2 40	17 47	0 40	20 6
F 17	10 22	13 9	2 28	14 9	2 40	24 43	2 39	4 27	2 27	19 9	0 44	2 47	2 40	17 47	0 40	20 6
S 18	10 43	15 46	3 29	13 43	2 29	24 55	2 42	4 20	2 25	19 12	0 43	2 45	2 40	17 47	0 40	20 6
S 19	11 4	17 32	4 19	13 16	2 16	25 6	2 45	4 14	2 22	19 15	0 43	2 44	2 40	17 47	0 40	20 6
M20	11 25	18 17	4 55	12 46	2 2	25 17	2 48	4 8	2 20	19 18	0 43	2 42	2 39	17 47	0 40	20 6
T 21	11 46	17 56	5 13	12 16	1 47	25 27	2 51	4 2	2 18	19 21	0 43	2 41	2 39	17 47	0 40	20 5
W22	12 6	16 28	5 13	11 45	1 32	25 37	2 54	3 56	2 16	19 24	0 43	2 39	2 39	17 47	0 40	20 5
T 23	12 26	14 0	4 54	11 14	1 16	25 45	2 57	3 50	2 13	19 27	0 43	2 37	2 39	17 47	0 40	20 5
F 24	12 46	10 42	4 17	10 44	0 59	25 54	3 0	3 44	2 11	19 30	0 43	2 36	2 39	17 47	0 40	20 5
S 25	13 6	6 46	3 24	10 14	0 42	26 1	3 2	3 39	2 8	19 33	0 43	2 34	2 39	17 47	0 40	20 4
S 26	13 25	2 27	2 19	9 46	0 26	26 8	3 5	3 34	2 6	19 36	0 42	2 33	2 39	17 47	0 40	20 4
M27	13 45	1s58	1 6	9 19	0 9	26 15	3 8	3 25	2 4	19 38	0 42	2 31	2 39	17 46	0 40	20 4
T 28	14 4	6 15	0n10	8 54	0s 8	26 21	3 10	3 25	2 1	19 41	0 42	2 30	2 39	17 46	0 40	20 4
W29	14 23	10 8	1 25	8 31	0 24	26 26	3 12	3 20	1 59	19 44	0 42	2 28	2 39	17 46	0 40	20 4
T 30	14n41	13s25	2n33	8n11	0s39	26n31	3n14	3s16	1n56	19n47	0s42	2s27	2n39	17n46	0n40	20s 3

Julian Day Number = 2681372.5, Delta T = 22m09s

Ecliptic obliquity = 23°21'19", Nutation = 0°00'04

Ayanamsha: Fagan/Bradley = 33°32'31", Lahiri = 32°39'31"

## ASTRODIENST EPHEMERIS for the year 2629

MAY 2629

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14 35 42	10♈43'59	26♏49	22°R29	26♏16	12°R34	2♏8	12°R20	12♏1	8°R51	11♏8	14°R21	13♏18	9♏58	29♏14	F 1
S 2	14 39 38	11°42'33	9♏46	22°Y23	27°16	12♏19	2°21	12♏16	12°2	8♏49	11°9	14♏16	13°15	10°5	29°16	S 2
S 3	14 43 35	12°41'05	22°26	22°D22	28°16	12°4	2°35	12°13	12°3	8°48	11°11	14°12	13°12	10°12	29°19	S 3
M 4	14 47 32	13°39'35	4♏50	22°26	29°15	11°51	2°49	12°9	12°4	8°46	11°12	14°7	13°9	10°18	29°22	M 4
T 5	14 51 28	14°38'04	17°0	22°35	0♏14	11°37	3°3	12°5	12°4	8°45	11°13	14°3	13°6	10°25	29°25	T 5
W 6	14 55 25	15°36'31	29°0	22°49	1°12	11°25	3°17	12°2	12°5	8°43	11°14	14°1	13°3	10°32	29°28	W 6
T 7	14 59 21	16°34'57	10♏53	23°7	2°10	11°14	3°30	11°58	12°6	8°42	11°15	13°59	12°59	10°39	29°31	T 7
F 8	15 3 18	17°33'20	22°45	23°30	3°7	11°3	3°44	11°55	12°7	8°41	11°17	13°D59	12°56	10°45	29°35	F 8
S 9	15 7 14	18°31'43	4♏41	23°57	4°4	10°53	3°58	11°52	12°8	8°39	11°18	14°0	12°53	10°52	29°38	S 9
S 10	15 11 11	19°30'04	16°44	24°29	5°1	10°44	4°12	11°48	12°9	8°38	11°19	14°2	12°50	10°59	29°41	S 10
M11	15 15 7	20°28'23	29°0	25°4	5°57	10°35	4°26	11°45	12°10	8°36	11°21	14°3	12°47	11°5	29°45	M11
T 12	15 19 4	21°26'40	11°Y33	25°44	6°52	10°27	4°40	11°42	12°12	8°34	11°22	14°R4	12°43	11°12	29°48	T 12
W13	15 23 1	22°24'57	24°26	26°27	7°47	10°21	4°54	11°39	12°13	8°33	11°23	14°4	12°40	11°19	29°52	W13
T 14	15 26 57	23°23'11	7♏40	27°14	8°41	10°14	5°8	11°36	12°14	8°31	11°24	14°2	12°37	11°25	29°56	T 14
F 15	15 30 54	24°21'24	21°15	28°4	9°35	10°9	5°22	11°33	12°15	8°30	11°26	13°58	12°34	11°32	29°59	F 15
S 16	15 34 50	25°19'36	5♏10	28°57	10°28	10°5	5°37	11°31	12°17	8°28	11°27	13°52	12°31	11°39	0♏3	S 16
S 17	15 38 47	26°17'45	19°20	29°54	11°20	10°1	5°51	11°28	12°18	8°27	11°28	13°45	12°28	11°46	0°7	S 17
M18	15 42 43	27°15'53	3♏40	0♏53	12°12	9°58	6°5	11°25	12°20	8°25	11°30	13°39	12°24	11°52	0°11	M18
T 19	15 46 40	28°13'59	18°5	1°56	13°3	9°56	6°19	11°23	12°21	8°24	11°31	13°33	12°21	11°59	0°15	T 19
W20	15 50 36	29°12'04	2♏29	3°1	13°54	9°55	6°33	11°20	12°23	8°22	11°32	13°28	12°18	12°6	0°19	W20
T 21	15 54 33	0♏10'06	16°49	4°9	14°43	9°D54	6°47	11°18	12°24	8°20	11°34	13°26	12°15	12°12	0°24	T 21
F 22	15 58 30	1°8'06	1♏0	5°20	15°32	9°54	7°1	11°16	12°26	8°19	11°35	13°D25	12°12	12°19	0°28	F 22
S 23	16 2 26	2°6'05	15°2	6°34	16°20	9°55	7°15	11°14	12°28	8°17	11°36	13°25	12°9	12°26	0°32	S 23
S 24	16 6 23	3°4'02	28°53	7°50	17°8	9°57	7°30	11°12	12°30	8°15	11°38	13°26	12°5	12°33	0°37	S 24
M25	16 10 19	4°1'56	12♏34	9°8	17°54	10°0	7°44	11°10	12°31	8°14	11°39	13°R27	12°2	12°39	0°41	M25
T 26	16 14 16	4°59'50	26°4	10°29	18°40	10°3	7°58	11°8	12°33	8°12	11°40	13°26	11°59	12°46	0°46	T 26
W27	16 18 12	5°57'41	9♏22	11°52	19°24	10°7	8°12	11°6	12°35	8°11	11°42	13°24	11°56	12°53	0°50	W27
T 28	16 22 9	6°55'31	22°30	13°17	20°8	10°11	8°26	11°5	12°37	8°9	11°43	13°18	11°53	12°59	0°55	T 28
F 29	16 26 5	7°53'20	5♏25	14°45	20°50	10°17	8°40	11°3	12°39	8°7	11°44	13°11	11°49	13°6	1°0	F 29
S 30	16 30 2	8°51'07	18°8	16°16	21°32	10°23	8°55	11°2	12°41	8°6	11°46	13°2	11°46	13°13	1°4	S 30
S 31	16 33 59	9♏48'53	0♏38	17♏48	22♏13	10♏30	9♏9	11♏0	12♏43	8♏4	11♏47	12♏51	11♏43	13♏19	1♏9	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	15n 0	15s56	3n32	7n53	0s54	26n35	3n17	3s12	1n53	19n50	0s42	2s25	2n38	17n46	0n40	20s 3
S 2	15 18	17 35	4 18	7 37	1 9	26 38	3 19	3 9	1 51	19 53	0 42	2 24	2 38	17 46	0 40	20 3
S 3	15 35	18 18	4 51	7 24	1 22	26 41	3 20	3 6	1 48	19 55	0 42	2 23	2 38	17 45	0 40	20 3
M 4	15 53	18 8	5 9	7 14	1 35	26 43	3 22	3 3	1 46	19 58	0 41	2 21	2 38	17 45	0 40	20 2
T 5	16 10	17 7	5 12	7 6	1 47	26 45	3 24	3 0	1 43	20 1	0 41	2 20	2 38	17 45	0 40	20 2
W 6	16 27	15 21	5 2	7 0	1 58	26 46	3 25	2 58	1 41	20 4	0 41	2 19	2 38	17 45	0 40	20 2
T 7	16 44	12 58	4 39	6 57	2 9	26 47	3 27	2 55	1 38	20 6	0 41	2 18	2 38	17 44	0 40	20 2
F 8	17 1	10 2	4 4	6 57	2 19	26 47	3 28	2 54	1 35	20 9	0 41	2 17	2 38	17 44	0 40	20 1
S 9	17 17	6 41	3 18	6 59	2 27	26 46	3 29	2 52	1 33	20 12	0 41	2 15	2 37	17 44	0 39	20 1
S 10	17 33	3 1	2 24	7 3	2 35	26 45	3 30	2 51	1 30	20 15	0 41	2 14	2 37	17 43	0 39	20 1
M11	17 48	0n51	1 21	7 9	2 43	26 44	3 31	2 50	1 28	20 17	0 41	2 13	2 37	17 43	0 39	20 1
T 12	18 4	4 46	0 14	7 17	2 49	26 42	3 31	2 49	1 25	20 20	0 41	2 12	2 37	17 43	0 39	20 0
W13	18 19	8 34	0s56	7 27	2 54	26 39	3 32	2 49	1 23	20 23	0 40	2 11	2 37	17 42	0 39	20 0
T 14	18 33	12 3	2 5	7 40	2 59	26 36	3 32	2 49	1 20	20 25	0 40	2 10	2 37	17 42	0 39	20 0
F 15	18 48	14 59	3 8	7 54	3 3	26 33	3 33	2 49	1 18	20 28	0 40	2 9	2 36	17 41	0 39	20 0
S 16	19 2	17 7	4 2	8 9	3 7	26 29	3 33	2 50	1 15	20 30	0 40	2 8	2 36	17 41	0 39	19 59
S 17	19 15	18 15	4 41	8 27	3 9	26 24	3 32	2 50	1 13	20 33	0 40	2 7	2 36	17 41	0 39	19 59
M18	19 29	18 14	5 4	8 45	3 11	26 19	3 32	2 52	1 10	20 35	0 40	2 7	2 36	17 40	0 39	19 59
T 19	19 42	17 3	5 8	9 6	3 12	26 14	3 32	2 53	1 8	20 38	0 40	2 6	2 36	17 40	0 39	19 59
W20	19 54	14 48	4 52	9 27	3 13	26 8	3 31	2 55	1 5	20 40	0 40	2 5	2 35	17 39	0 39	19 58
T 21	20 7	11 38	4 18	9 50	3 12	26 1	3 30	2 57	1 3	20 43	0 40	2 4	2 35	17 39	0 39	19 58
F 22	20 19	7 49	3 29	10 15	3 11	25 55	3 29	2 59	1 1	20 45	0 40	2 4	2 35	17 38	0 39	19 58
S 23	20 31	3 37	2 27	10 40	3 10	25 48	3 28	3 1	0 58	20 48	0 40	2 3	2 35	17 38	0 39	19 58
S 24	20 42	0s45	1 18	11 6	3 8	25 40	3 26	3 4	0 56	20 50	0 39	2 2	2 35	17 37	0 39	19 57
M25	20 53	5 1	0 5	11 34	3 5	25 32	3 25	3 7	0 54	20 52	0 39	2 2	2 34	17 37	0 39	19 57
T 26	21 3	8 59	1n 7	12 2	3 2	25 24	3 23	3 11	0 51	20 55	0 39	2 1	2 34	17 36	0 39	19 57
W27	21 14	12 26	2 15	12 31	2 58	25 16	3 20	3 14	0 49	20 57	0 39	2 1	2 34	17 36	0 39	19 57
T 28	21 23	15 12	3 14	13 1	2 53	25 7	3 18	3 18	0 47	20 59	0 39	2 0	2 34	17 35	0 39	19 56
F 29	21 33	17 10	4 2	13 31	2 48	24 58	3 15	3 22	0 45	21 2	0 39	2 0	2 34	17 34	0 39	19 56
S 30	21 42	18 14	4 37	14 3	2 43	24 49	3 13	3 26	0 43	21 4	0 39	2 0	2 33	17 34	0 39	19 56
S 31	21n51	18s23	4n58	14n34	2s37	24n39	3n10	3s31	0n41	21n 6	0s39	1s59	2n33	17n33	0n39	19s56

Julian Day Number = 2681402.5, Delta T = 22m09s

Ecliptic obliquity = 23°21'18", Nutation = 0°00'03"

Ayanamsha: Fagan/Bradley = 33°32'35", Lahiri = 32°39'35"

# ASTRODIENST EPHEMERIS for the year 2629

JUNE 2629

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 37 55	10♐46'37	12♊55	19♋23	22♋52	10♌37	9♍23	10°R59	12♎45	8°R 2	11♏48	12°R41	11♐40	13♑26	1♒14	M 1
T 2	16 41 52	11°44'21	25° 2	21° 0	23°30	10°45	9°37	10♌58	12°47	8°R 1	11°50	12♐32	11°37	13°33	1°19	T 2
W 3	16 45 48	12°42'03	7♋ 0	22°39	24° 7	10°53	9°51	10°57	12°50	7°59	11°51	12°24	11°34	13°40	1°24	W 3
T 4	16 49 45	13°39'44	18°52	24°21	24°43	11° 3	10° 5	10°56	12°52	7°58	11°53	12°19	11°30	13°46	1°29	T 4
F 5	16 53 41	14°37'24	0♈43	26° 4	25°18	11°13	10°20	10°55	12°54	7°56	11°54	12°16	11°27	13°53	1°34	F 5
S 6	16 57 38	15°35'04	12°37	27°50	25°51	11°23	10°34	10°54	12°57	7°54	11°55	12°D15	11°24	14° 0	1°40	S 6
S 7	17 1 34	16°32'42	24°39	29°39	26°23	11°34	10°48	10°54	12°59	7°53	11°57	12°15	11°21	14° 6	1°45	S 7
M 8	17 5 31	17°30'19	6♍55	1♐29	26°53	11°46	11° 2	10°53	13° 1	7°51	11°58	12°R16	11°18	14°13	1°50	M 8
T 9	17 9 28	18°27'55	19°29	3°22	27°22	11°58	11°16	10°53	13° 4	7°50	11°59	12°15	11°14	14°20	1°56	T 9
W10	17 13 24	19°25'31	2♋25	5°17	27°50	12°11	11°30	10°52	13° 6	7°48	12° 1	12°14	11°11	14°26	2° 1	W10
T 11	17 17 21	20°23'06	15°48	7°14	28°16	12°24	11°44	10°52	13° 9	7°46	12° 2	12°10	11° 8	14°33	2° 6	T 11
F 12	17 21 17	21°20'40	29°37	9°13	28°40	12°38	11°58	10°52	13°11	7°45	12° 3	12° 3	11° 5	14°40	2°12	F 12
S 13	17 25 14	22°18'13	13♐50	11°14	29° 2	12°53	12°12	10°D52	13°14	7°43	12° 5	11°55	11° 2	14°47	2°17	S 13
S 14	17 29 10	23°15'45	28°23	13°17	29°23	13° 8	12°26	10°52	13°17	7°42	12° 6	11°44	10°59	14°53	2°23	S 14
M15	17 33 7	24°13'16	13♋ 9	15°22	29°42	13°23	12°40	10°52	13°19	7°40	12° 7	11°34	10°55	15° 0	2°29	M15
T 16	17 37 4	25°10'46	28° 0	17°29	29°59	13°40	12°54	10°52	13°22	7°39	12° 9	11°24	10°52	15° 7	2°34	T 16
W17	17 41 0	26° 8'15	12♎47	19°37	0♌14	13°56	13° 8	10°53	13°25	7°37	12°10	11°17	10°49	15°13	2°40	W17
T 18	17 44 57	27° 5'42	20°23	21°46	0°27	14°13	13°22	10°53	13°28	7°36	12°11	11°11	10°46	15°20	2°46	T 18
F 19	17 48 53	28° 3'09	11♏43	23°57	0°38	14°31	13°36	10°54	13°30	7°34	12°13	11° 9	10°43	15°27	2°52	F 19
S 20	17 52 50	29° 0'34	25°46	26° 8	0°46	14°49	13°50	10°54	13°33	7°33	12°14	11°D 8	10°40	15°33	2°58	S 20
S 21	17 56 46	29°57'58	9♌31	28°20	0°53	15° 7	14° 4	10°55	13°36	7°31	12°15	11°R 8	10°36	15°40	3° 4	S 21
M22	18 0 43	0♋55'21	22°59	0♋32	0°57	15°26	14°18	10°56	13°39	7°30	12°17	11° 8	10°33	15°47	3°10	M22
T 23	18 4 39	1°52'44	6♍11	2°44	0°R59	15°46	14°32	10°57	13°42	7°28	12°18	11° 6	10°30	15°54	3°15	T 23
W24	18 8 36	2°50'05	19°11	4°56	0°59	16° 5	14°45	10°58	13°45	7°27	12°19	11° 2	10°27	16° 0	3°22	W24
T 25	18 12 33	3°47'25	1♊58	7° 7	0°56	16°26	14°59	10°59	13°48	7°25	12°20	10°54	10°24	16° 7	3°28	T 25
F 26	18 16 29	4°44'45	14°35	9°18	0°51	16°46	15°13	11° 1	13°51	7°24	12°22	10°44	10°20	16°14	3°34	F 26
S 27	18 20 26	5°42'03	27° 2	11°27	0°43	17° 7	15°26	11° 2	13°54	7°23	12°23	10°32	10°17	16°20	3°40	S 27
S 28	18 24 22	6°39'22	9♊19	13°36	0°33	17°29	15°40	11° 3	13°57	7°21	12°24	10°19	10°14	16°27	3°46	S 28
M29	18 28 19	7°36'39	21°27	15°43	0°21	17°51	15°54	11° 5	14° 0	7°20	12°26	10° 6	10°11	16°34	3°52	M29
T 30	18 32 15	8°33'57	3♋27	17°48	0♌ 6	18°13	16♐ 7	11° 7	14° 3	7♊18	12♐27	9♌53	10° 8	16°40	3♎58	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	21n59	17s41	5n 5	15n 6	2s30	24n29	3n 6	3s36	0n39	21n 8	0s39	1s59	2n33	17n33	0n39	19s55
T 2	22 7	16 10	4 57	15 39	2 23	24 19	3 2	3 41	0 36	21 11	0 39	1 59	2 33	17 32	0 39	19 55
W 3	22 14	13 59	4 37	16 11	2 15	24 8	2 59	3 46	0 34	21 13	0 39	1 59	2 33	17 31	0 39	19 55
T 4	22 22	11 13	4 5	16 44	2 7	23 58	2 54	3 52	0 32	21 15	0 39	1 58	2 32	17 31	0 39	19 55
F 5	22 28	8 1	3 23	17 17	1 59	23 47	2 50	3 57	0 30	21 17	0 39	1 58	2 32	17 30	0 39	19 54
S 6	22 35	4 28	2 31	17 49	1 50	23 36	2 45	4 3	0 28	21 19	0 38	1 58	2 32	17 29	0 39	19 54
S 7	22 41	0 42	1 33	18 22	1 41	23 25	2 40	4 9	0 27	21 21	0 38	1 58	2 32	17 29	0 39	19 54
M 8	22 46	3n10	0 29	18 54	1 31	23 14	2 35	4 16	0 25	21 23	0 38	1 58	2 31	17 28	0 39	19 54
T 9	22 51	7 0	0s38	19 25	1 21	23 3	2 29	4 22	0 23	21 25	0 38	1 58	2 31	17 27	0 39	19 53
W10	22 56	10 37	1 45	19 56	1 11	22 51	2 23	4 29	0 21	21 27	0 38	1 58	2 31	17 26	0 39	19 53
T 11	23 0	13 49	2 48	20 27	1 1	22 40	2 16	4 36	0 19	21 29	0 38	1 58	2 31	17 26	0 39	19 53
F 12	23 4	16 21	3 44	20 56	0 50	22 28	2 10	4 43	0 17	21 31	0 38	1 58	2 30	17 25	0 39	19 53
S 13	23 8	17 58	4 27	21 24	0 39	22 17	2 2	4 50	0 15	21 33	0 38	1 59	2 30	17 24	0 39	19 52
S 14	23 11	18 27	4 54	21 51	0 28	22 5	1 55	4 57	0 14	21 35	0 38	1 59	2 30	17 23	0 39	19 52
M15	23 14	17 42	5 2	22 16	0 18	21 53	1 47	5 5	0 12	21 37	0 38	1 59	2 30	17 23	0 39	19 52
T 16	23 16	15 46	4 49	22 39	0 7	21 42	1 39	5 13	0 10	21 38	0 38	2 0	2 30	17 22	0 38	19 52
W17	23 18	12 47	4 18	23 1	0n 4	21 30	1 30	5 21	0 9	21 40	0 38	2 0	2 29	17 21	0 38	19 52
T 18	23 19	9 3	3 30	23 21	0 15	21 19	1 22	5 29	0 7	21 42	0 38	2 0	2 29	17 20	0 38	19 51
F 19	23 20	4 51	2 29	23 38	0 25	21 7	1 12	5 37	0 5	21 44	0 38	2 1	2 29	17 19	0 38	19 51
S 20	23 21	0 27	1 21	23 53	0 35	20 56	1 3	5 46	0 4	21 46	0 38	2 1	2 29	17 19	0 38	19 51
S 21	23 21	3s53	0 9	24 5	0 45	20 45	0 52	5 54	0 2	21 47	0 37	2 2	2 28	17 18	0 38	19 51
M22	23 21	7 56	1n 2	24 15	0 54	20 33	0 42	6 3	0 1	21 49	0 37	2 2	2 28	17 17	0 38	19 50
T 23	23 20	11 31	2 8	24 22	1 3	20 22	0 31	6 12	0s 1	21 51	0 37	2 3	2 28	17 16	0 38	19 50
W24	23 19	14 28	3 7	24 27	1 11	20 12	0 20	6 21	0 2	21 52	0 37	2 4	2 28	17 15	0 38	19 50
T 25	23 18	16 39	3 54	24 28	1 19	20 1	0 8	6 30	0 4	21 54	0 37	2 4	2 27	17 14	0 38	19 50
F 26	23 16	18 0	4 30	24 27	1 26	19 50	0s 4	6 39	0 5	21 55	0 37	2 5	2 27	17 13	0 38	19 50
S 27	23 14	18 28	4 52	24 23	1 32	19 40	0 16	6 48	0 7	21 57	0 37	2 6	2 27	17 12	0 38	19 49
S 28	23 11	18 3	5 0	24 17	1 37	19 30	0 29	6 58	0 8	21 58	0 37	2 7	2 27	17 12	0 38	19 49
M29	23 8	16 48	4 54	24 7	1 42	19 20	0 42	7 8	0 10	22 0	0 37	2 7	2 26	17 11	0 38	19 49
T 30	23n 5	14s51	4n35	23n56	1n46	19n10	0s55	7s17	0s11	22n 1	0s37	2s 8	2n26	17n10	0n38	19s49

Julian Day Number = 2681433.5, Delta T = 22m09s  
Ecliptic obliquity = 23°21'17", Nutation = 0°00'03  
Ayanamsha: Fagan/Bradley = 33°32'40", Lahiri = 32°39'39

# ASTRODIENST EPHEMERIS for the year 2629

JULY 2629

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	18 36 12	9 <sup>53</sup> 31'13	15 <sup>52</sup> 21	19 <sup>52</sup> 52	29°R49	18 <sup>52</sup> 35	16 <sup>52</sup> 21	11 <sup>52</sup> 8	14 <sup>52</sup> 7	7°R17	12 <sup>52</sup> 28	9°R43	10 <sup>52</sup> 5	16 <sup>52</sup> 47	4 <sup>52</sup> 5	W 1
T 2	18 40 8	10°28'30	27°12	21°54	29 <sup>52</sup> 30	18°58	16°34	11°10	14°10	7 <sup>52</sup> 16	12°29	9 <sup>52</sup> 35	10°1	16°54	4°11	T 2
F 3	18 44 5	11°25'46	9 <sup>52</sup> 1	23°54	29°8	19°22	16°48	11°12	14°13	7°15	12°30	9°30	9°58	17°1	4°17	F 3
S 4	18 48 2	12°23'02	20°54	25°52	28°44	19°45	17°1	11°14	14°16	7°13	12°32	9°27	9°55	17°7	4°24	S 4
S 5	18 51 58	13°20'17	2 <sup>52</sup> 54	27°47	28°18	20°9	17°15	11°17	14°20	7°12	12°33	9°26	9°52	17°14	4°30	S 5
M 6	18 55 55	14°17'33	15°8	29°41	27°50	20°34	17°28	11°19	14°23	7°11	12°34	9°26	9°49	17°21	4°36	M 6
T 7	18 59 51	15°14'49	27°40	1 <sup>52</sup> 33	27°21	20°58	17°41	11°21	14°26	7°10	12°35	9°26	9°46	17°27	4°43	T 7
W 8	19 3 48	16°12'04	10 <sup>52</sup> 35	3°22	26°49	21°23	17°55	11°24	14°30	7°8	12°36	9°24	9°42	17°34	4°49	W 8
T 9	19 7 44	17°9'20	23°57	5°10	26°17	21°49	18°8	11°26	14°33	7°7	12°38	9°20	9°39	17°41	4°56	T 9
F 10	19 11 41	18°6'36	7 <sup>52</sup> 49	6°55	25°43	22°15	18°21	11°29	14°36	7°6	12°39	9°14	9°36	17°47	5°2	F 10
S 11	19 15 37	19°3'52	22°9	8°38	25°7	22°41	18°34	11°32	14°40	7°5	12°40	9°5	9°33	17°54	5°9	S 11
S 12	19 19 34	20°1'07	6 <sup>52</sup> 54	10°19	24°31	23°7	18°47	11°34	14°43	7°4	12°41	8°55	9°30	18°1	5°15	S 12
M13	19 23 31	20°58'23	21°55	11°58	23°54	23°34	19°0	11°37	14°47	7°3	12°42	8°44	9°26	18°7	5°22	M13
T 14	19 27 27	21°55'39	7 <sup>52</sup> 5	13°34	23°17	24°0	19°13	11°40	14°50	7°2	12°43	8°34	9°23	18°14	5°29	T 14
W15	19 31 24	22°52'54	22°11	15°8	22°40	24°28	19°26	11°43	14°54	7°1	12°44	8°26	9°20	18°21	5°35	W15
T 16	19 35 20	23°50'09	7 <sup>52</sup> 5	16°41	22°2	24°55	19°39	11°47	14°57	7°0	12°45	8°21	9°17	18°28	5°42	T 16
F 17	19 39 17	24°47'24	21°41	18°10	21°25	25°23	19°51	11°50	15°1	6°59	12°46	8°18	9°14	18°34	5°48	F 17
S 18	19 43 13	25°44'39	5 <sup>52</sup> 3	19°38	20°48	25°51	20°4	11°53	15°4	6°58	12°47	8°D17	9°11	18°41	5°55	S 18
S 19	19 47 10	26°41'53	19°42	21°3	20°12	26°19	20°17	11°57	15°8	6°57	12°48	8°R17	9°7	18°48	6°2	S 19
M20	19 51 6	27°39'07	3 <sup>52</sup> 8	22°26	19°37	26°48	20°29	12°0	15°11	6°56	12°49	8°17	9°4	18°54	6°8	M20
T 21	19 55 3	28°36'22	16°14	23°47	19°3	27°17	20°42	12°4	15°15	6°55	12°50	8°16	9°1	19°1	6°15	T 21
W22	19 59 0	29°33'36	29°3	25°6	18°31	27°46	20°54	12°8	15°18	6°54	12°51	8°13	8°58	19°8	6°22	W22
T 23	20 2 56	0 <sup>52</sup> 30'50	11 <sup>52</sup> 37	26°22	18°0	28°16	21°7	12°11	15°22	6°54	12°52	8°7	8°55	19°14	6°28	T 23
F 24	20 6 53	1°28'04	24°0	27°35	17°30	28°45	21°19	12°15	15°26	6°53	12°53	7°58	8°52	19°21	6°35	F 24
S 25	20 10 49	2°25'18	6 <sup>52</sup> 3	28°46	17°3	29°15	21°31	12°19	15°29	6°52	12°54	7°48	8°48	19°28	6°42	S 25
S 26	20 14 46	3°22'32	18°19	29°54	16°37	29°45	21°44	12°23	15°33	6°51	12°55	7°36	8°45	19°34	6°49	S 26
M27	20 18 42	4°19'47	0 <sup>52</sup> 19	1 <sup>52</sup> 0	16°14	0 <sup>52</sup> 16	21°56	12°27	15°36	6°51	12°56	7°25	8°42	19°41	6°55	M27
T 28	20 22 39	5°17'01	12°13	2°3	15°53	0°46	22°8	12°32	15°40	6°50	12°57	7°14	8°39	19°48	7°2	T 28
W29	20 26 35	6°14'17	24°4	3°3	15°34	1°17	22°20	12°36	15°44	6°49	12°58	7°5	8°36	19°55	7°9	W29
T 30	20 30 32	7°11'32	5 <sup>52</sup> 3	4°0	15°17	1°48	22°32	12°40	15°47	6°49	12°59	6°58	8°32	20°1	7°16	T 30
F 31	20 34 29	8° <sup>52</sup> 8'48	17 <sup>52</sup> 43	4 <sup>52</sup> 54	15 <sup>52</sup> 3	2 <sup>52</sup> 19	22 <sup>52</sup> 43	12 <sup>52</sup> 45	15 <sup>52</sup> 51	6 <sup>52</sup> 48	13 <sup>52</sup> 0	6 <sup>52</sup> 54	8 <sup>52</sup> 29	20 <sup>52</sup> 8	7 <sup>52</sup> 22	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	23n 1	12s16	4n 5	23n42	1n49	19n 0	1s 8	7s27	0s12	22n 3	0s37	2s 9	2n26	17n 9	0n38	W 1
T 2	22 57	9 13	3 24	23 25	1 52	18 51	1 22	7 37	0 14	22 4	0 37	2 10	2 26	17 8	0 38	T 2
F 3	22 52	5 47	2 34	23 7	1 54	18 41	1 36	7 47	0 15	22 5	0 37	2 11	2 26	17 7	0 38	F 3
S 4	22 47	2 7	1 37	22 47	1 55	18 33	1 50	7 57	0 16	22 7	0 37	2 12	2 25	17 6	0 38	S 4
S 5	22 41	1n41	0 35	22 25	1 55	18 24	2 4	8 7	0 18	22 8	0 37	2 13	2 25	17 5	0 38	S 5
M 6	22 35	5 29	0s30	22 1	1 55	18 15	2 19	8 18	0 19	22 9	0 37	2 14	2 25	17 4	0 38	M 6
T 7	22 29	9 8	1 35	21 35	1 53	18 7	2 33	8 28	0 20	22 11	0 37	2 15	2 25	17 3	0 38	T 7
W 8	22 23	12 28	2 37	21 9	1 52	17 59	2 47	8 39	0 21	22 12	0 37	2 17	2 24	17 2	0 38	W 8
T 9	22 16	15 16	3 32	20 41	1 49	17 51	3 1	8 49	0 23	22 13	0 37	2 18	2 24	17 1	0 38	T 9
F 10	22 8	17 18	4 18	20 11	1 46	17 44	3 15	9 0	0 24	22 14	0 37	2 19	2 24	17 0	0 38	F 10
S 11	22 0	18 20	4 48	19 41	1 42	17 36	3 29	9 11	0 25	22 15	0 37	2 20	2 24	16 59	0 38	S 11
S 12	21 52	18 10	5 1	19 10	1 38	17 29	3 43	9 22	0 26	22 17	0 37	2 22	2 23	16 58	0 38	S 12
M13	21 44	16 45	4 53	18 38	1 33	17 23	3 56	9 33	0 27	22 18	0 37	2 23	2 23	16 57	0 38	M13
T 14	21 35	14 9	4 25	18 5	1 27	17 16	4 9	9 43	0 29	22 19	0 37	2 24	2 23	16 56	0 38	T 14
W15	21 25	10 37	3 39	17 32	1 21	17 10	4 21	9 55	0 30	22 20	0 36	2 26	2 23	16 55	0 38	W15
T 16	21 16	6 26	2 37	16 58	1 15	17 4	4 33	10 6	0 31	22 21	0 36	2 27	2 23	16 54	0 38	T 16
F 17	21 6	1 57	1 27	16 24	1 8	16 59	4 44	10 17	0 32	22 22	0 36	2 29	2 22	16 53	0 38	F 17
S 18	20 55	2s32	0 13	15 50	1 0	16 53	4 55	10 28	0 33	22 23	0 36	2 30	2 22	16 52	0 38	S 18
S 19	20 45	6 45	1n 0	15 15	0 52	16 49	5 5	10 39	0 34	22 24	0 36	2 32	2 22	16 51	0 38	S 19
M20	20 33	10 30	2 8	14 40	0 44	16 44	5 15	10 51	0 35	22 25	0 36	2 33	2 22	16 50	0 38	M20
T 21	20 22	13 39	3 7	14 5	0 35	16 40	5 24	11 2	0 36	22 26	0 36	2 35	2 22	16 49	0 38	T 21
W22	20 10	16 2	3 56	13 30	0 25	16 36	5 32	11 13	0 37	22 26	0 36	2 36	2 21	16 48	0 38	W22
T 23	19 58	17 37	4 31	12 56	0 15	16 33	5 39	11 25	0 38	22 27	0 36	2 38	2 21	16 47	0 38	T 23
F 24	19 46	18 19	4 54	12 21	0 5	16 29	5 46	11 36	0 39	22 28	0 36	2 40	2 21	16 46	0 38	F 24
S 25	19 33	18 10	5 3	11 47	0s 5	16 27	5 52	11 48	0 40	22 29	0 36	2 41	2 21	16 45	0 38	S 25
S 26	19 20	17 11	4 58	11 13	0 16	16 24	5 58	11 59	0 41	22 30	0 36	2 43	2 20	16 43	0 38	S 26
M27	19 7	15 28	4 39	10 39	0 27	16 22	6 3	12 11	0 42	22 31	0 36	2 45	2 20	16 42	0 38	M27
T 28	18 53	13 5	4 9	10 6	0 39	16 20	6 7	12 22	0 43	22 31	0 36	2 47	2 20	16 41	0 38	T 28
W29	18 39	10 11	3 28	9 34	0 51	16 19	6 10	12 34	0 44	22 32	0 36	2 49	2 20	16 40	0 38	W29
T 30	18 25	6 52	2 38	9 2	1 3	16 18	6 13	12 45	0 45	22 33	0 36	2 51	2 20	16 39	0 38	T 30
F 31	18n10	3s17	1n41	8n31	1s15	16n17	6s16	12s57	0s46	22n33	0s36	2s52	2n20	16n38	0n38	F 31

Julian Day Number = 2681463.5, Delta T = 22m10s  
 Ecliptic obliquity = 23°21'17, Nutation = 0°00'04  
 Ayanamsha: Fagan/Bradley = 33°32'44, Lahiri = 32°39'44

## ASTRODIENST EPHEMERIS for the year 2629

AUGUST 2629

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 38 25	9♌ 6'05	29♋38	5♍44	14°R51	2♌51	22♌55	12♌49	15♌55	6°R47	13♌1	6°R52	8♌26	20♌15	7♌29	S 1
S 2	20 42 22	10° 3'23	11♍40	6°32	14♌42	3°22	23° 7	12°54	15°58	6♌47	13° 1	6°D52	8°23	20°21	7°36	S 2
M 3	20 46 18	11° 0'41	23°54	7°15	14°35	3°54	23°18	12°58	16° 2	6°46	13° 2	6♌53	8°20	20°28	7°43	M 3
T 4	20 50 15	11°58'00	6♌25	7°56	14°30	4°27	23°30	13° 3	16° 6	6°46	13° 3	6°R53	8°17	20°35	7°49	T 4
W 5	20 54 11	12°55'20	19°17	8°32	14°D28	4°59	23°41	13° 8	16° 9	6°46	13° 4	6°53	8°13	20°41	7°56	W 5
T 6	20 58 8	13°52'41	2♌35	9° 4	14°28	5°31	23°53	13°13	16°13	6°45	13° 5	6°52	8°10	20°48	8° 3	T 6
F 7	21 2 4	14°50'03	16°21	9°33	14°30	6° 4	24° 4	13°18	16°17	6°45	13° 5	6°48	8° 7	20°55	8°10	F 7
S 8	21 6 1	15°47'26	0♌36	9°57	14°35	6°37	24°15	13°23	16°21	6°44	13° 6	6°43	8° 4	21° 1	8°16	S 8
S 9	21 9 58	16°44'50	15°18	10°16	14°42	7°10	24°26	13°28	16°24	6°44	13° 7	6°36	8° 1	21° 8	8°23	S 9
M10	21 13 54	17°42'15	0♌20	10°31	14°51	7°44	24°37	13°33	16°28	6°44	13° 7	6°28	7°58	21°15	8°30	M10
T 11	21 17 51	18°39'41	15°34	10°41	15° 2	8°17	24°48	13°38	16°32	6°44	13° 8	6°22	7°54	21°21	8°37	T 11
W12	21 21 47	19°37'07	0♍49	10°R46	15°15	8°51	24°59	13°44	16°35	6°43	13° 9	6°16	7°51	21°28	8°43	W12
T 13	21 25 44	20°34'34	15°55	10°46	15°30	9°25	25°10	13°49	16°39	6°43	13° 9	6°12	7°48	21°35	8°50	T 13
F 14	21 29 40	21°32'02	0♌44	10°41	15°47	9°59	25°20	13°54	16°43	6°43	13°10	6°D11	7°45	21°42	8°57	F 14
S 15	21 33 37	22°29'31	15° 8	10°30	16° 6	10°33	25°31	14° 0	16°46	6°43	13°11	6°11	7°42	21°48	9° 3	S 15
S 16	21 37 33	23°27'00	29° 6	10°14	16°27	11° 8	25°41	14° 5	16°50	6°43	13°11	6°12	7°38	21°55	9°10	S 16
M17	21 41 30	24°24'30	12♌38	9°53	16°49	11°42	25°51	14°11	16°54	6°43	13°12	6°13	7°35	22° 2	9°17	M17
T 18	21 45 27	25°22'01	25°46	9°27	17°13	12°17	26° 2	14°17	16°58	6°D43	13°12	6°R14	7°32	22° 8	9°23	T 18
W19	21 49 23	26°19'32	8♌33	8°56	17°39	12°52	26°12	14°22	17° 1	6°43	13°13	6°13	7°29	22°15	9°30	W19
T 20	21 53 20	27°17'04	21° 2	8°21	18° 6	13°27	26°22	14°28	17° 5	6°43	13°13	6°11	7°26	22°22	9°36	T 20
F 21	21 57 16	28°14'37	3♌18	7°41	18°35	14° 3	26°32	14°34	17° 8	6°43	13°14	6° 7	7°23	22°28	9°43	F 21
S 22	22 1 13	29°12'11	15°23	6°58	19° 6	14°38	26°41	14°40	17°12	6°43	13°14	6° 1	7°19	22°35	9°50	S 22
S 23	22 5 9	0♍9'46	27°22	6°11	19°37	15°14	26°51	14°46	17°16	6°43	13°15	5°55	7°16	22°42	9°56	S 23
M24	22 9 6	1° 7'22	9♌15	5°23	20°11	15°50	27° 0	14°52	17°19	6°43	13°15	5°49	7°13	22°48	10° 3	M24
T 25	22 13 2	2° 4'59	21° 6	4°33	20°45	16°26	27°10	14°58	17°23	6°43	13°15	5°43	7°10	22°55	10° 9	T 25
W26	22 16 59	3° 2'37	2♌56	3°42	21°21	17° 2	27°19	15° 4	17°27	6°44	13°16	5°38	7° 7	23° 2	10°16	W26
T 27	22 20 56	4° 0'16	14°48	2°52	21°58	17°38	27°28	15°10	17°30	6°44	13°16	5°35	7° 3	23° 8	10°22	T 27
F 28	22 24 52	4°57'56	26°43	2° 4	22°36	18°14	27°37	15°16	17°34	6°44	13°16	5°33	7° 0	23°15	10°28	F 28
S 29	22 28 49	5°55'38	8♍43	1°18	23°15	18°51	27°46	15°23	17°37	6°44	13°17	5°D32	6°57	23°22	10°35	S 29
S 30	22 32 45	6°53'21	20°52	0°35	23°55	19°28	27°55	15°29	17°41	6°45	13°17	5°33	6°54	23°28	10°41	S 30
M31	22 36 42	7♍51'06	3♌13	29♌57	24♌37	20♌ 5	28♌ 4	15♌35	17♌44	6♌45	13♌17	5♌35	6♌51	23♌35	10♌48	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17n55	0n27	0n39	8n 1	1s27	16n17	6s17	13s 9	0s47	22n34	0s36	2s54	2n19	16n37	0n38	19s45	1n38	9n52	12s30	2s43	3s20	11s 2	12n19	6s13					
S 2	17 40	4 12	0s26	7 32	1 40	16 17	6 18	13 20	0 47	22 35	0 36	2 56	2 19	16 36	0 38	19 45	1 38	9 52	12 30	2 43	3 19	11 1	12 17	6 13					
M 3	17 24	7 50	1 30	7 4	1 53	16 17	6 19	13 32	0 48	22 35	0 36	2 58	2 19	16 35	0 38	19 45	1 38	9 52	12 31	2 43	3 18	10 59	12 16	6 13					
T 4	17 9	11 13	2 32	6 38	2 5	16 17	6 19	13 44	0 49	22 36	0 36	3 0	2 19	16 34	0 38	19 45	1 38	9 52	12 31	2 44	3 16	10 58	12 14	6 13					
W 5	16 53	14 9	3 28	6 12	2 18	16 18	6 19	13 55	0 50	22 36	0 36	3 2	2 19	16 33	0 38	19 45	1 38	9 52	12 31	2 44	3 15	10 56	12 12	6 13					
T 6	16 36	16 27	4 14	5 48	2 31	16 18	6 18	14 7	0 51	22 37	0 36	3 4	2 18	16 31	0 38	19 45	1 38	9 52	12 31	2 43	3 14	10 55	12 11	6 13					
F 7	16 20	17 53	4 48	5 26	2 44	16 19	6 17	14 19	0 52	22 37	0 36	3 6	2 18	16 30	0 38	19 45	1 38	9 51	12 31	2 41	3 13	10 53	12 9	6 13					
S 8	16 3	18 16	5 6	5 5	2 57	16 20	6 15	14 30	0 52	22 38	0 36	3 8	2 18	16 29	0 38	19 45	1 38	9 51	12 32	2 39	3 11	10 52	12 7	6 13					
S 9	15 46	17 27	5 4	4 46	3 9	16 22	6 13	14 42	0 53	22 38	0 36	3 11	2 18	16 28	0 38	19 45	1 38	9 51	12 32	2 37	3 10	10 50	12 5	6 13					
M10	15 28	15 25	4 41	4 29	3 22	16 23	6 11	14 53	0 54	22 39	0 36	3 13	2 18	16 27	0 38	19 45	1 38	9 51	12 32	2 34	3 9	10 49	12 4	6 13					
T 11	15 11	12 18	3 59	4 14	3 34	16 24	6 8	15 5	0 55	22 39	0 36	3 15	2 18	16 26	0 38	19 45	1 38	9 51	12 32	2 31	3 8	10 47	12 2	6 13					
W12	14 53	8 21	2 59	4 1	3 45	16 26	6 6	15 16	0 55	22 40	0 36	3 17	2 17	16 25	0 38	19 45	1 38	9 51	12 32	2 29	3 6	10 46	12 0	6 13					
T 13	14 35	3 53	1 47	3 51	3 57	16 27	6 2	15 28	0 56	22 40	0 36	3 19	2 17	16 24	0 38	19 45	1 38	9 51	12 33	2 27	3 5	10 44	11 58	6 13					
F 14	14 17	0s44	0 30	3 43	4 7	16 29	5 59	15 39	0 57	22 41	0 36	3 22	2 17	16 23	0 38	19 45	1 38	9 51	12 33	2 27	3 4	10 43	11 57	6 14					
S 15	13 58	5 12	0n48	3 38	4 17	16 31	5 55	15 51	0 58	22 41	0 36	3 24	2 17	16 22	0 38	19 45	1 37	9 50	12 33	2 27	3 3	10 41	11 55	6 14					
S 16	13 39	9 14	2 1	3 36	4 26	16 32	5 51	16 2	0 58	22 41	0 36	3 26	2 17	16 20	0 38	19 45	1 37	9 50	12 33	2 27	3 1	10 40	11 53	6 14					
M17	13 20	12 38	3 5	3 37	4 33	16 34	5 47	16 14	0 59	22 42	0 36	3 28	2 17	16 19	0 38	19 45	1 37	9 50	12 33	2 28	3 0	10 38	11 51	6 14					
T 18	13 1	15 18	3 57	3 40	4 40	16 35	5 43	16 25	1 0	22 42	0 36	3 31	2 16	16 18	0 38	19 45	1 37	9 50	12 34	2 28	2 59	10 36	11 49	6 14					
W19	12 42	17 7	4 35	3 46	4 46	16 37	5 38	16 36	1 0	22 42	0 36	3 33	2 16	16 17	0 38	19 45	1 37	9 50	12 34	2 28	2 58	10 35	11 48	6 14					
T 20	12 22	18 4	5 0	3 56	4 50	16 38	5 33	16 48	1 1	22 42	0 36	3 35	2 16	16 16	0 38	19 45	1 37	9 50	12 34	2 27	2 56	10 33	11 46	6 14					
F 21	12 3	18 9	5 10	4 8	4 52	16 39	5 28	16 59	1 2	22 43	0 36	3 38	2 16	16 15	0 38	19 45	1 37	9 49	12 34	2 25	2 55	10 32	11 44	6 14					
S 22	11 43	17 24	5 7	4 23	4 53	16 40	5 23	17 10	1 2	22 43	0 36	3 40	2 16	16 14	0 38	19 46	1 37	9 49	12 35	2 23	2 54	10 30	11 42	6 14					
S 23	11 23	15 53	4 49	4 41	4 52	16 41	5 18	17 21	1 3	22 43	0 36	3 43	2 16	16 13	0 38	19 46	1 37	9 49	12 35	2 21	2 53	10 29	11 40	6 15					
M24	11 2	13 42	4 20	5 1	4 49	16 41	5 13	17 32	1 4	22 43	0 36	3 45	2 16	16 12	0 38	19 46	1 37	9 49	12 35	2 18	2 51	10 27	11 39	6 15					
T 25	10 42	10 57	3 39	5 23	4 44	16 42	5 7	17 43	1 4	22 44	0 36	3 47	2 15	16 11	0 38	19 46	1 37	9 49	12 35	2 16	2 50	10 26	11 37	6 15					
W26	10 21	7 46	2 49	5 48	4 38	16 42	5 2	17 54	1 5	22 44	0 36	3 50	2 15	16 10	0 38	19 46	1 37	9 49	12 35	2 14	2 49	10 24	11 35	6 15					
T 27	10 0	4 15	1 51	6 13	4 29	16 42	4 56	18 5	1 6	22 44	0 36	3 52	2 15	16 8	0 38	19 46	1 37	9 48	12 36	2 12	2 48	10 23	11 33	6 15					
F 28	9 39	0 34	0 48	6 40	4 19	16 41	4 51	18 16	1 6	22 44	0 36	3 55	2 15	16 7	0 38	19 46	1 37	9 48	12 36	2 12	2 46	10 21	11 31	6 16					
S 29	9 18	3n11	0s17	7 7	4 7	16 41	4 45	18 26	1 7	22 44	0 36	3 57	2 15	16 6	0 38	19 46	1 37	9 48	12 36	2 12	2 45	10 19	11 29	6 16					
S 30	8 57	6 50	1 23	7 34	3 54	16 40	4 39	18 37	1 7	22 44	0 36	4 0	2 15	16 5	0 38	19 46	1 37	9 48	12 36	2 12	2 44	10 18	11 27	6 16					
M31	8n36	10n15	2s26	8n 1	3s39	16n39	4s33	18s47	1s 8	22n45	0s36	4s 2	2n15	16n 4	0n38	19s46	1n37	9n48	12s37	2s13	2s43	10s16	11n26	6s16					

## ASTRODIENST EPHEMERIS for the year 2629

SEPTEMBER 2629

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 40 38	8♍48'52	15♋48	29°R24	25♊19	20♍42	28♋12	15♊42	17♋48	6♌46	13♋18	5♊36	6♋48	23♋42	10♋54	T 1
W 2	22 44 35	9°46'40	28°42	28♋57	26° 3	21°19	28°21	15°48	17°51	6°46	13°18	5°38	6°44	23°48	11° 0	W 2
T 3	22 48 31	10°44'30	11♋57	28°36	26°47	21°56	28°29	15°55	17°55	6°47	13°18	5°R38	6°41	23°55	11° 6	T 3
F 4	22 52 28	11°42'22	25°37	28°23	27°33	22°34	28°37	16° 1	17°58	6°47	13°18	5°37	6°38	24° 2	11°13	F 4
S 5	22 56 24	12°40'15	9♋41	28°D17	28°19	23°11	28°45	16° 8	18° 2	6°48	13°18	5°36	6°35	24° 9	11°19	S 5
S 6	23 0 21	13°38'10	24° 9	28°19	29° 6	23°49	28°53	16°14	18° 5	6°48	13°19	5°33	6°32	24°15	11°25	S 6
M 7	23 4 18	14°36'07	8♋58	28°29	29°54	24°27	29° 1	16°21	18° 9	6°49	13°19	5°31	6°29	24°22	11°31	M 7
T 8	23 8 14	15°34'05	24° 1	28°48	0♋42	25° 5	29° 9	16°28	18°12	6°49	13°19	5°28	6°25	24°29	11°37	T 8
W 9	23 12 11	16°32'05	9♋9	29°14	1°32	25°43	29°16	16°34	18°16	6°50	13°19	5°26	6°22	24°35	11°43	W 9
T 10	23 16 7	17°30'06	24°13	29°49	2°22	26°21	29°23	16°41	18°19	6°51	13°19	5°25	6°19	24°42	11°49	T 10
F 11	23 20 4	18°28'09	9♋4	0♋31	3°13	27° 0	29°31	16°48	18°22	6°52	13°19	5°D25	6°16	24°49	11°55	F 11
S 12	23 24 0	19°26'14	23°35	1°21	4° 4	27°38	29°38	16°55	18°25	6°52	13°19	5°25	6°13	24°55	12° 1	S 12
S 13	23 27 57	20°24'20	7♋42	2°19	4°56	28°17	29°44	17° 2	18°29	6°53	13°R19	5°26	6° 9	25° 2	12° 7	S 13
M14	23 31 53	21°22'27	21°22	3°23	5°49	28°56	29°51	17° 9	18°32	6°54	13°19	5°27	6° 6	25° 9	12°13	M14
T 15	23 35 50	22°20'36	4♋36	4°34	6°43	29°35	29°58	17°16	18°35	6°55	13°19	5°28	6° 3	25°15	12°19	T 15
W16	23 39 47	23°18'47	17°26	5°52	7°37	0♋14	0♋4	17°23	18°38	6°56	13°19	5°29	6° 0	25°22	12°24	W16
T 17	23 43 43	24°16'58	29°56	7°14	8°31	0°53	0°10	17°30	18°42	6°57	13°19	5°R29	5°57	25°29	12°30	T 17
F 18	23 47 40	25°15'12	12♋11	8°43	9°26	1°33	0°16	17°37	18°45	6°58	13°19	5°28	5°54	25°35	12°36	F 18
S 19	23 51 36	26°13'26	24°13	10°15	10°22	2°12	0°22	17°44	18°48	6°59	13°19	5°28	5°50	25°42	12°41	S 19
S 20	23 55 33	27°11'42	6♋7	11°52	11°18	2°52	0°28	17°51	18°51	7° 0	13°18	5°26	5°47	25°49	12°47	S 20
M21	23 59 29	28°10'00	17°58	13°32	12°15	3°31	0°34	17°58	18°54	7° 1	13°18	5°25	5°44	25°55	12°52	M21
T 22	0 3 26	29° 8'19	29°48	15°15	13°12	4°11	0°39	18° 5	18°57	7° 2	13°18	5°24	5°41	26° 2	12°58	T 22
W23	0 7 22	0♋6'40	11♋40	17° 1	14°10	4°51	0°44	18°12	19° 0	7° 3	13°18	5°24	5°38	26° 9	13° 3	W23
T 24	0 11 19	1° 5'02	23°37	18°49	15° 8	5°31	0°50	18°19	19° 3	7° 4	13°18	5°23	5°35	26°15	13° 8	T 24
F 25	0 15 15	2° 3'27	5♋41	20°38	16° 6	6°11	0°55	18°27	19° 6	7° 5	13°17	5°D23	5°31	26°22	13°14	F 25
S 26	0 19 12	3° 1'53	17°54	22°29	17° 5	6°52	0°59	18°34	19° 9	7° 6	13°17	5°23	5°28	26°29	13°19	S 26
S 27	0 23 9	4° 0'21	0♋17	24°20	18° 5	7°32	1° 4	18°41	19°12	7° 8	13°17	5°24	5°25	26°35	13°24	S 27
M28	0 27 5	4°58'51	12°52	26°12	19° 5	8°12	1° 8	18°48	19°15	7° 9	13°16	5°R24	5°22	26°42	13°29	M28
T 29	0 31 2	5°57'23	25°41	28° 4	20° 5	8°53	1°13	18°56	19°18	7°10	13°16	5°24	5°19	26°49	13°34	T 29
W30	0 34 58	6♋55'58	8♋44	29°56	21♋5	9♋34	1°17	19°19	19°20	7♋11	13°16	5°24	5♋15	26°55	13°39	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	8n14	13n16	3s24	8n28	3s23	16n37	4s27	18s58	1s 8	22n45	0s36	4s 5	2n15	16n 3	0n38	19s47
W 2	7 53	15 42	4 12	8 53	3 7	16 35	4 21	19 8	1 9	22 45	0 36	4 8	2 14	16 2	0 38	19 47
T 3	7 31	17 22	4 49	9 16	2 49	16 33	4 15	19 18	1 9	22 45	0 36	4 10	2 14	16 1	0 38	19 47
F 4	7 9	18 7	5 10	9 38	2 31	16 31	4 9	19 28	1 10	22 45	0 36	4 13	2 14	16 0	0 38	19 47
S 5	6 47	17 47	5 14	9 57	2 12	16 28	4 3	19 39	1 11	22 45	0 36	4 15	2 14	15 59	0 38	19 47
S 6	6 25	16 18	4 59	10 14	1 54	16 24	3 56	19 48	1 11	22 45	0 36	4 18	2 14	15 58	0 38	19 47
M 7	6 3	13 43	4 23	10 28	1 35	16 21	3 50	19 58	1 12	22 45	0 36	4 21	2 14	15 57	0 38	19 47
T 8	5 40	10 11	3 29	10 39	1 17	16 17	3 44	20 8	1 12	22 45	0 36	4 23	2 14	15 56	0 38	19 48
W 9	5 18	5 57	2 20	10 47	0 59	16 12	3 38	20 18	1 12	22 45	0 36	4 26	2 14	15 55	0 38	19 48
T 10	4 55	1 21	1 2	10 51	0 42	16 8	3 32	20 27	1 13	22 45	0 36	4 29	2 14	15 54	0 38	19 48
F 11	4 33	3s16	0n20	10 52	0 25	16 2	3 25	20 37	1 13	22 45	0 36	4 31	2 14	15 53	0 39	19 48
S 12	4 10	7 36	1 39	10 49	0 9	15 57	3 19	20 46	1 14	22 45	0 36	4 34	2 14	15 52	0 39	19 48
S 13	3 47	11 21	2 49	10 43	0n 6	15 51	3 13	20 55	1 14	22 45	0 36	4 37	2 13	15 51	0 39	19 49
M14	3 25	14 22	3 48	10 33	0 20	15 44	3 6	21 4	1 15	22 45	0 36	4 39	2 13	15 50	0 39	19 49
T 15	3 2	16 31	4 32	10 19	0 34	15 37	3 0	21 13	1 15	22 45	0 36	4 42	2 13	15 49	0 39	19 49
W16	2 39	17 46	5 1	10 2	0 46	15 30	2 54	21 22	1 16	22 45	0 36	4 45	2 13	15 48	0 39	19 49
T 17	2 16	18 6	5 16	9 42	0 57	15 22	2 48	21 30	1 16	22 45	0 36	4 47	2 13	15 47	0 39	19 49
F 18	1 53	17 34	5 15	9 19	1 7	15 14	2 41	21 39	1 16	22 45	0 36	4 50	2 13	15 46	0 39	19 50
S 19	1 30	16 16	5 0	8 52	1 16	15 5	2 35	21 47	1 17	22 45	0 36	4 53	2 13	15 45	0 39	19 50
S 20	1 7	14 16	4 33	8 23	1 24	14 56	2 29	21 55	1 17	22 45	0 36	4 56	2 13	15 44	0 39	19 50
M21	0 44	11 41	3 54	7 50	1 30	14 47	2 23	22 3	1 17	22 45	0 36	4 58	2 13	15 43	0 39	19 50
T 22	0 20	8 37	3 5	7 16	1 36	14 37	2 17	22 11	1 18	22 45	0 36	5 1	2 13	15 42	0 39	19 50
W23	0s 3	5 11	2 8	6 39	1 41	14 26	2 11	22 19	1 18	22 45	0 36	5 4	2 13	15 41	0 39	19 51
T 24	0 26	1 32	1 5	6 1	1 44	14 15	2 5	22 26	1 19	22 45	0 36	5 7	2 13	15 40	0 39	19 51
F 25	0 49	2n14	0s 2	5 20	1 47	14 4	1 59	22 34	1 19	22 45	0 36	5 9	2 13	15 40	0 39	19 51
S 26	1 12	5 56	1 9	4 38	1 49	13 52	1 53	22 41	1 19	22 45	0 36	5 12	2 13	15 39	0 39	19 51
S 27	1 35	9 26	2 14	3 55	1 49	13 40	1 47	22 48	1 20	22 45	0 36	5 15	2 13	15 38	0 39	19 52
M28	1 58	12 34	3 14	3 11	1 50	13 27	1 41	22 55	1 20	22 45	0 36	5 18	2 13	15 37	0 39	19 52
T 29	2 21	15 9	4 5	2 26	1 49	13 14	1 35	23 1	1 20	22 45	0 36	5 21	2 13	15 36	0 39	19 52
W30	2s45	17n 0	4s44	1n40	1n48	13n 1	1s29	23s 8	1s20	22n45	0s36	5s23	2n13	15n35	0n39	19s52

Julian Day Number = 2681525.5, Delta T = 22m11s

Ecliptic obliquity = 23°21'18", Nutation = 0°00'03"

Ayanamsha: Fagan/Bradley = 33°32'52", Lahiri = 32°39'52"

## ASTRODIENST EPHEMERIS for the year 2629

OCTOBER 2629

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 38 55	7♂54'34	22♂ 4	1♂48	22♂ 7	10♂15	1♂20	19♂10	19♂23	7♂13	13°R15	5°R23	5♂12	27♂ 2	13♂44	T 1
F 2	0 42 51	8°53'13	5♂42	3°40	23° 8	10°56	1°24	19°18	19°26	7°14	13♂15	5°D23	5° 9	27° 9	13°49	F 2
S 3	0 46 48	9°51'54	19°38	5°31	24°10	11°37	1°28	19°25	19°29	7°15	13°15	5♂23	5° 6	27°15	13°54	S 3
S 4	0 50 44	10°50'37	3♂51	7°22	25°12	12°18	1°31	19°32	19°31	7°17	13°14	5°24	5° 3	27°22	13°59	S 4
M 5	0 54 41	11°49'22	18°20	9°12	26°14	12°59	1°34	19°40	19°34	7°18	13°14	5°24	5° 0	27°29	14° 4	M 5
T 6	0 58 38	12°48'10	3♂ 0	11° 2	27°17	13°40	1°37	19°47	19°36	7°20	13°13	5°25	4°56	27°35	14° 8	T 6
W 7	1 2 34	13°46'59	17°47	12°50	28°20	14°22	1°40	19°54	19°39	7°21	13°13	5°25	4°53	27°42	14°13	W 7
T 8	1 6 31	14°45'51	2♂34	14°38	29°24	15° 4	1°43	20° 2	19°41	7°23	13°12	5°R26	4°50	27°49	14°17	T 8
F 9	1 10 27	15°44'45	17°14	16°25	0♂27	15°45	1°45	20° 9	19°44	7°24	13°12	5°25	4°47	27°55	14°22	F 9
S 10	1 14 24	16°43'41	1♂39	18°11	1°31	16°27	1°47	20°17	19°46	7°26	13°11	5°25	4°44	28° 2	14°26	S 10
S 11	1 18 20	17°42'38	15°45	19°56	2°36	17° 9	1°49	20°24	19°49	7°27	13°11	5°23	4°40	28° 9	14°30	S 11
M12	1 22 17	18°41'38	29°28	21°41	3°40	17°51	1°51	20°32	19°51	7°29	13°10	5°22	4°37	28°16	14°35	M12
T 13	1 26 13	19°40'39	12♂47	23°24	4°45	18°33	1°52	20°39	19°53	7°31	13°10	5°20	4°34	28°22	14°39	T 13
W14	1 30 10	20°39'43	25°41	25° 7	5°50	19°15	1°54	20°46	19°55	7°32	13° 9	5°18	4°31	28°29	14°43	W14
T 15	1 34 7	21°38'48	8♂15	26°49	6°55	19°58	1°55	20°54	19°58	7°34	13° 8	5°17	4°28	28°36	14°47	T 15
F 16	1 38 3	22°37'54	20°31	28°30	8° 1	20°40	1°56	21° 1	20° 0	7°36	13° 8	5°D16	4°25	28°42	14°51	F 16
S 17	1 42 0	23°37'03	2♂33	0♂10	9° 7	21°22	1°57	21° 9	20° 2	7°37	13° 7	5°17	4°21	28°49	14°55	S 17
S 18	1 45 56	24°36'13	14°27	1°50	10°13	22° 5	1°58	21°16	20° 4	7°39	13° 6	5°18	4°18	28°56	14°58	S 18
M19	1 49 53	25°35'25	26°17	3°28	11°19	22°48	1°58	21°23	20° 6	7°41	13° 6	5°19	4°15	29° 2	15° 2	M19
T 20	1 53 49	26°34'38	8♂ 7	5° 6	12°26	23°30	1°58	21°31	20° 8	7°43	13° 5	5°21	4°12	29° 9	15° 6	T 20
W21	1 57 46	27°33'54	20° 3	6°43	13°32	24°13	1°R58	21°38	20°10	7°45	13° 4	5°22	4° 9	29°16	15° 9	W21
T 22	2 1 42	28°33'11	2°Y 6	8°20	14°39	24°56	1°58	21°46	20°12	7°46	13° 3	5°R23	4° 6	29°22	15°13	T 22
F 23	2 5 39	29°32'30	14°21	9°55	15°47	25°39	1°58	21°53	20°14	7°48	13° 3	5°23	4° 2	29°29	15°16	F 23
S 24	2 9 35	0♂31'51	26°48	11°30	16°54	26°22	1°57	22° 0	20°15	7°50	13° 2	5°21	3°59	29°36	15°19	S 24
S 25	2 13 32	1°31'14	9♂30	13° 5	18° 2	27° 6	1°56	22° 8	20°17	7°52	13° 1	5°18	3°56	29°42	15°23	S 25
M26	2 17 29	2°30'40	22°26	14°38	19° 9	27°49	1°55	22°15	20°19	7°54	13° 0	5°15	3°53	29°49	15°26	M26
T 27	2 21 25	3°30'07	5♂37	16°11	20°17	28°32	1°54	22°22	20°21	7°56	12°59	5°10	3°50	29°56	15°29	T 27
W28	2 25 22	4°29'37	19° 0	17°43	21°26	29°16	1°53	22°30	20°22	7°58	12°59	5° 6	3°46	0♂ 2	15°32	W28
T 29	2 29 18	5°29'08	2♂36	19°15	22°34	29°59	1°51	22°37	20°24	8° 0	12°58	5° 2	3°43	0° 9	15°35	T 29
F 30	2 33 15	6°28'42	16°23	20°46	23°43	0♂43	1°49	22°44	20°25	8° 2	12°57	4°59	3°40	0°16	15°37	F 30
S 31	2 37 11	7♂28'19	0♂19	22♂17	24♂51	1♂26	1♂47	22♂52	20♂27	8♂ 4	12♂56	4♂57	3♂37	0♂22	15♂40	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	3s 8	17n59	5s 9	0n54	1n46	12n47	1s23	23s14	1s21	22n45	0s36	5s26	2n13	15n34	0n39	T 1
F 2	3 31	17 57	5 18	0 8	1 43	12 32	1 18	23 20	1 21	22 45	0 36	5 29	2 12	15 34	0 39	F 2
S 3	3 54	16 51	5 8	0s39	1 40	12 17	1 12	23 26	1 21	22 45	0 36	5 32	2 12	15 33	0 39	S 3
S 4	4 17	14 41	4 39	1 26	1 37	12 2	1 6	23 32	1 21	22 45	0 36	5 34	2 12	15 32	0 39	S 4
M 5	4 40	11 35	3 53	2 13	1 33	11 46	1 1	23 38	1 22	22 45	0 36	5 37	2 12	15 31	0 39	M 5
T 6	5 2	7 43	2 50	2 59	1 29	11 30	0 55	23 43	1 22	22 45	0 36	5 40	2 12	15 30	0 39	T 6
W 7	5 25	3 20	1 36	3 46	1 24	11 14	0 50	23 48	1 22	22 45	0 36	5 43	2 12	15 30	0 39	W 7
T 8	5 48	1s16	0 16	4 32	1 19	10 57	0 44	23 53	1 22	22 45	0 36	5 46	2 12	15 29	0 39	T 8
F 9	6 11	5 44	1n 5	5 18	1 14	10 40	0 39	23 58	1 23	22 45	0 36	5 48	2 12	15 28	0 39	F 9
S 10	6 33	9 49	2 20	6 3	1 8	10 22	0 34	24 2	1 23	22 45	0 36	5 51	2 12	15 27	0 39	S 10
S 11	6 56	13 13	3 25	6 49	1 2	10 4	0 29	24 7	1 23	22 45	0 36	5 54	2 12	15 27	0 39	S 11
M12	7 18	15 47	4 17	7 33	0 56	9 46	0 24	24 11	1 23	22 44	0 36	5 57	2 12	15 26	0 39	M12
T 13	7 40	17 25	4 52	8 17	0 50	9 27	0 19	24 15	1 23	22 44	0 36	5 59	2 12	15 25	0 39	T 13
W14	8 2	18 5	5 12	9 1	0 44	9 8	0 14	24 19	1 24	22 44	0 36	6 2	2 12	15 25	0 39	W14
T 15	8 25	17 51	5 16	9 43	0 37	8 48	0 9	24 22	1 24	22 44	0 36	6 5	2 12	15 24	0 40	T 15
F 16	8 46	16 46	5 5	10 26	0 31	8 28	0 4	24 25	1 24	22 44	0 36	6 8	2 12	15 23	0 40	F 16
S 17	9 8	14 57	4 41	11 7	0 24	8 8	0n 1	24 28	1 24	22 44	0 36	6 10	2 12	15 23	0 40	S 17
S 18	9 30	12 31	4 6	11 48	0 17	7 48	0 5	24 31	1 24	22 44	0 36	6 13	2 13	15 22	0 40	S 18
M19	9 52	9 35	3 19	12 28	0 10	7 27	0 10	24 34	1 24	22 44	0 36	6 16	2 13	15 22	0 40	M19
T 20	10 13	6 15	2 25	13 8	0 3	7 6	0 15	24 36	1 24	22 44	0 36	6 18	2 13	15 21	0 40	T 20
W21	10 34	2 39	1 24	13 46	0s 4	6 44	0 19	24 38	1 25	22 44	0 36	6 21	2 13	15 20	0 40	W21
T 22	10 55	1n 7	0 18	14 24	0 11	6 23	0 23	24 40	1 25	22 44	0 36	6 24	2 13	15 20	0 40	T 22
F 23	11 16	4 53	0s49	15 1	0 18	6 1	0 27	24 42	1 25	22 44	0 36	6 27	2 13	15 19	0 40	F 23
S 24	11 37	8 30	1 55	15 37	0 25	5 38	0 32	24 43	1 25	22 44	0 36	6 29	2 13	15 19	0 40	S 24
S 25	11 58	11 49	2 57	16 13	0 31	5 16	0 36	24 44	1 25	22 44	0 36	6 32	2 13	15 18	0 40	S 25
M26	12 18	14 36	3 50	16 47	0 38	4 53	0 40	24 45	1 25	22 44	0 36	6 35	2 13	15 18	0 40	M26
T 27	12 38	16 42	4 32	17 21	0 45	4 30	0 43	24 46	1 25	22 45	0 36	6 37	2 13	15 17	0 40	T 27
W28	12 58	17 54	5 1	17 53	0 52	4 7	0 47	24 46	1 25	22 45	0 36	6 40	2 13	15 17	0 40	W28
T 29	13 18	18 7	5 12	18 25	0 59	3 43	0 51	24 46	1 25	22 45	0 36	6 43	2 13	15 16	0 40	T 29
F 30	13 38	17 17	5 7	18 56	1 5	3 19	0 55	24 46	1 25	22 45	0 36	6 45	2 13	15 16	0 40	F 30
S 31	13s57	15n24	4s43	19s26	1s12	2n56	0n58	24s46	1s25	22n45	0s36	6s48	2n13	15n15	0n40	S 31

Julian Day Number = 2681555.5, Delta T = 22m11s

Ecliptic obliquity = 23°21'18, Nutation = 0°00'01

Ayanamsha: Fagan/Bradley = 33°32'56, Lahiri = 32°39'56

## ASTRODIENST EPHEMERIS for the year 2629

NOVEMBER 2629

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 41 8	8♂27°57	14♂24	23♂46	26♂0	2♂10	1°R45	22♂59	20♂28	8♂7	12°R55	4°D57	3♂34	0♂29	15♂43	S 1
M 2	2 45 5	9°27'38	28°36	25°16	27° 9	2°54	1♂43	23° 6	20°29	8° 8	12♂54	4♂58	3°31	0°36	15°45	M 2
T 3	2 49 1	10°27'21	12♂54	26°44	28°19	3°38	1°40	23°13	20°31	8°10	12°53	5° 0	3°27	0°42	15°48	T 3
W 4	2 52 58	11°27'06	27°15	28°12	29°28	4°22	1°37	23°20	20°32	8°12	12°52	5° 1	3°24	0°49	15°50	W 4
T 5	2 56 54	12°26'53	11♂35	29°40	0♂38	5° 6	1°34	23°28	20°33	8°14	12°51	5°R 1	3°21	0°56	15°52	T 5
F 6	3 0 51	13°26'43	25°51	1♂7 6	1°47	5°50	1°31	23°35	20°34	8°16	12°50	4°59	3°18	1° 2	15°54	F 6
S 7	3 4 47	14°26'34	9♂57	2°32	2°57	6°35	1°28	23°42	20°35	8°18	12°49	4°55	3°15	1° 9	15°57	S 7
S 8	3 8 44	15°26'28	23°50	3°57	4° 7	7°19	1°24	23°49	20°36	8°20	12°48	4°50	3°11	1°16	15°59	S 8
M 9	3 12 40	16°26'23	7♂25	5°22	5°18	8° 3	1°20	23°56	20°37	8°22	12°47	4°43	3° 8	1°22	16° 0	M 9
T 10	3 16 37	17°26'21	20°41	6°46	6°28	8°48	1°16	24° 3	20°38	8°24	12°46	4°35	3° 5	1°29	16° 2	T 10
W 11	3 20 33	18°26'19	3♂35	8° 9	7°38	9°32	1°12	24°10	20°39	8°26	12°45	4°28	3° 2	1°36	16° 4	W 11
T 12	3 24 30	19°26'20	16° 9	9°31	8°49	10°17	1° 8	24°17	20°40	8°29	12°44	4°22	2°59	1°42	16° 6	T 12
F 13	3 28 27	20°26'22	28°26	10°52	10° 0	11° 2	1° 4	24°24	20°41	8°31	12°43	4°17	2°56	1°49	16° 7	F 13
S 14	3 32 23	21°26'26	10♂29	12°12	11°10	11°46	0°59	24°31	20°41	8°33	12°42	4°15	2°52	1°56	16° 8	S 14
S 15	3 36 20	22°26'31	22°23	13°31	12°21	12°31	0°54	24°38	20°42	8°35	12°41	4°D14	2°49	2° 2	16°10	S 15
M 16	3 40 16	23°26'38	4♂12	14°48	13°32	13°16	0°49	24°45	20°43	8°37	12°40	4°14	2°46	2° 9	16°11	M 16
T 17	3 44 13	24°26'47	16° 2	16° 5	14°44	14° 1	0°44	24°51	20°43	8°40	12°39	4°16	2°43	2°16	16°12	T 17
W 18	3 48 9	25°26'56	27°59	17°19	15°55	14°46	0°39	24°58	20°44	8°42	12°38	4°17	2°40	2°22	16°13	W 18
T 19	3 52 6	26°27'08	10♂7 7	18°32	17° 6	15°31	0°33	25° 5	20°44	8°44	12°37	4°R17	2°37	2°29	16°14	T 19
F 20	3 56 2	27°27'21	22°29	19°44	18°18	16°16	0°27	25°12	20°44	8°46	12°36	4°15	2°33	2°36	16°15	F 20
S 21	3 59 59	28°27'35	5♂10	20°53	19°29	17° 2	0°22	25°18	20°45	8°48	12°35	4°11	2°30	2°42	16°16	S 21
S 22	4 3 56	29°27'51	18°10	21°59	20°41	17°47	0°16	25°25	20°45	8°51	12°34	4° 4	2°27	2°49	16°16	S 22
M 23	4 7 52	0♂28'09	1♂29	23° 3	21°53	18°32	0° 9	25°31	20°45	8°53	12°33	3°56	2°24	2°56	16°17	M 23
T 24	4 11 49	1°28'28	15° 5	24° 4	23° 5	19°18	0° 3	25°38	20°45	8°55	12°32	3°46	2°21	3° 2	16°17	T 24
W 25	4 15 45	2°28'50	28°56	25° 2	24°17	20° 3	29♂57	25°44	20°45	8°57	12°30	3°36	2°17	3° 9	16°17	W 25
T 26	4 19 42	3°29'13	12♂57	25°56	25°29	20°49	29°50	25°51	20°R46	9° 0	12°29	3°27	2°14	3°16	16°18	T 26
F 27	4 23 38	4°29'37	27° 5	26°45	26°41	21°34	29°44	25°57	20°46	9° 2	12°28	3°19	2°11	3°22	16°18	F 27
S 28	4 27 35	5°30'04	11♂15	27°30	27°54	22°20	29°37	26° 3	20°45	9° 4	12°27	3°14	2° 8	3°29	16°R18	S 28
S 29	4 31 31	6°30'32	25°24	28° 9	29° 6	23° 5	29°30	26°10	20°45	9° 6	12°26	3°12	2° 5	3°36	16°18	S 29
M 30	4 35 28	7♂31'02	9♂31	28♂42	0♂18	23♂51	29♂23	26♂16	20♂45	9♂9	12♂25	3°D11	2♂2	3♂42	16♂18	M 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	14s17	12n35	4s 2	19s55	1s18	2n31	1n 1	24s45	1s25	22n45	0s36	6s50	2n13	15n15	0n40	20s 2
M 2	14 36	9 1	3 6	20 23	1 25	2 7	1 5	24 45	1 25	22 45	0 36	6 53	2 13	15 15	0 40	20 3
T 3	14 54	4 53	1 58	20 50	1 31	1 43	1 8	24 43	1 25	22 45	0 36	6 56	2 13	15 14	0 40	20 3
W 4	15 13	0 27	0 42	21 16	1 37	1 18	1 11	24 42	1 25	22 45	0 36	6 58	2 13	15 14	0 40	20 3
T 5	15 31	4s 1	0n36	21 41	1 43	0 53	1 14	24 41	1 25	22 45	0 36	7 1	2 14	15 14	0 40	20 4
F 6	15 49	8 14	1 51	22 5	1 49	0 28	1 17	24 39	1 25	22 45	0 36	7 3	2 14	15 13	0 40	20 4
S 7	16 7	11 55	2 58	22 27	1 54	0 3	1 20	24 37	1 25	22 45	0 36	7 6	2 14	15 13	0 40	20 4
S 8	16 24	14 53	3 54	22 49	1 59	0s22	1 23	24 34	1 25	22 45	0 36	7 8	2 14	15 13	0 40	20 5
M 9	16 42	16 57	4 35	23 10	2 4	0 47	1 25	24 32	1 25	22 45	0 36	7 11	2 14	15 12	0 41	20 5
T 10	16 59	18 2	5 0	23 29	2 9	1 13	1 28	24 29	1 25	22 45	0 36	7 13	2 14	15 12	0 41	20 5
W 11	17 15	18 10	5 9	23 48	2 14	1 38	1 30	24 25	1 25	22 45	0 36	7 16	2 14	15 12	0 41	20 6
T 12	17 32	17 22	5 3	24 5	2 18	2 4	1 33	24 22	1 25	22 45	0 36	7 18	2 14	15 12	0 41	20 6
F 13	17 48	15 47	4 42	24 21	2 22	2 29	1 35	24 18	1 25	22 46	0 36	7 21	2 14	15 12	0 41	20 7
S 14	18 4	13 32	4 10	24 35	2 26	2 55	1 37	24 14	1 25	22 46	0 35	7 23	2 14	15 11	0 41	20 7
S 15	18 19	10 45	3 27	24 49	2 30	3 21	1 39	24 10	1 25	22 46	0 35	7 25	2 14	15 11	0 41	20 7
M 16	18 34	7 31	2 35	25 1	2 33	3 46	1 41	24 6	1 24	22 46	0 35	7 28	2 15	15 11	0 41	20 8
T 17	18 49	4 0	1 37	25 12	2 35	4 12	1 43	24 1	1 24	22 46	0 35	7 30	2 15	15 11	0 41	20 8
W 18	19 3	0 17	0 34	25 22	2 37	4 38	1 44	23 56	1 24	22 46	0 35	7 32	2 15	15 11	0 41	20 8
T 19	19 18	3n31	0s31	25 30	2 39	5 4	1 46	23 51	1 24	22 46	0 35	7 35	2 15	15 11	0 41	20 9
F 20	19 31	7 14	1 36	25 37	2 40	5 29	1 48	23 45	1 24	22 46	0 35	7 37	2 15	15 11	0 41	20 9
S 21	19 45	10 43	2 38	25 43	2 41	5 55	1 49	23 40	1 24	22 46	0 35	7 39	2 15	15 11	0 41	20 9
S 22	19 58	13 46	3 33	25 48	2 41	6 21	1 50	23 34	1 24	22 46	0 35	7 42	2 15	15 11	0 41	20 10
M 23	20 11	16 11	4 18	25 51	2 41	6 46	1 52	23 27	1 24	22 46	0 35	7 44	2 16	15 10	0 41	20 10
T 24	20 23	17 45	4 49	25 53	2 39	7 12	1 53	23 21	1 23	22 46	0 35	7 46	2 16	15 10	0 41	20 10
W 25	20 35	18 18	5 3	25 53	2 37	7 37	1 54	23 14	1 23	22 46	0 35	7 48	2 16	15 10	0 41	20 11
T 26	20 47	17 45	5 0	25 52	2 35	8 2	1 55	23 7	1 23	22 47	0 35	7 50	2 16	15 11	0 41	20 11
F 27	20 58	16 6	4 39	25 50	2 31	8 28	1 55	23 0	1 23	22 47	0 35	7 53	2 16	15 11	0 41	20 11
S 28	21 9	13 29	4 0	25 46	2 26	8 53	1 56	22 52	1 23	22 47	0 35	7 55	2 16	15 11	0 41	20 12
S 29	21 19	10 4	3 7	25 41	2 20	9 18	1 57	22 44	1 22	22 47	0 35	7 57	2 16	15 11	0 41	20 12
M 30	21s29	6n 4	2s 3	25s34	2s14	9s42	1n57	22s36	1s22	22n47	0s34	7s59	2n17	15n11	0n41	20s12

Julian Day Number = 2681586.5, Delta T = 22m11s

Ecliptic obliquity = 23°21'18", Nutation = - 0°00'00"

Ayanamsha: Fagan/Bradley = 33°33'01", Lahiri = 32°40'01"



## ASTRODIENST EPHEMERIS for the year 2630

JANUARY 2630

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	6 41 38	9♂57'52	15♂27	18♂15	9♂32	18♂37	25°R10	29♂0	20°R12	10♂18	11°R50	0°R 7	0♂20	7♂15	15°R22	F 1
S 2	6 45 34	10°58'58	28°44	19°15	10°46	19°24	25II 3	29° 4	20♂10	10°20	11II49	29♂59	0°17	7°22	15♂19	S 2
S 3	6 49 31	12° 0'04	11♂50	20°19	12° 0	20°11	24°55	29° 8	20° 8	10°22	11°48	29°49	0°14	7°29	15°16	S 3
M 4	6 53 28	13° 1'10	24°45	21°26	13°15	20°58	24°48	29°11	20° 6	10°24	11°47	29°37	0°10	7°35	15°13	M 4
T 5	6 57 24	14° 2'17	7♂28	22°36	14°29	21°45	24°41	29°15	20° 4	10°26	11°46	29°23	0° 7	7°42	15° 9	T 5
W 6	7 1 21	15° 3'25	19°59	23°48	15°44	22°32	24°33	29°19	20° 2	10°28	11°45	29°10	0° 4	7°49	15° 6	W 6
T 7	7 5 17	16° 4'32	2♂17	25° 3	16°58	23°20	24°26	29°22	20° 0	10°30	11°44	28°57	0° 1	7°55	15° 3	T 7
F 8	7 9 14	17° 5'40	14°25	26°19	18°12	24° 7	24°19	29°25	19°58	10°32	11°44	28°47	29♂58	8° 2	14°59	F 8
S 9	7 13 10	18° 6'48	26°22	27°36	19°27	24°54	24°12	29°28	19°56	10°34	11°43	28°39	29°55	8° 9	14°55	S 9
S 10	7 17 7	19° 7'56	8♂12	28°56	20°41	25°41	24° 6	29°32	19°54	10°36	11°42	28°34	29°51	8°15	14°52	S 10
M11	7 21 3	20° 9'04	19°58	0♂16	21°56	26°28	23°59	29°35	19°52	10°38	11°41	28°32	29°48	8°22	14°48	M11
T 12	7 25 0	21°10'12	1♀45	1°38	23°11	27°15	23°53	29°37	19°50	10°39	11°40	28°D32	29°45	8°29	14°44	T 12
W13	7 28 57	22°11'19	13°38	3° 0	24°25	28° 2	23°46	29°40	19°48	10°41	11°39	28°32	29°42	8°35	14°40	W13
T 14	7 32 53	23°12'27	25°43	4°24	25°40	28°49	23°40	29°43	19°45	10°43	11°38	28°R33	29°39	8°42	14°37	T 14
F 15	7 36 50	24°13'34	8♂ 4	5°48	26°54	29°37	23°34	29°46	19°43	10°45	11°38	28°31	29°35	8°48	14°33	F 15
S 16	7 40 46	25°14'41	20°48	7°14	28° 9	0♂24	23°28	29°48	19°41	10°47	11°37	28°28	29°32	8°55	14°29	S 16
S 17	7 44 43	26°15'47	3II57	8°40	29°24	1°11	23°22	29°51	19°38	10°48	11°36	28°23	29°29	9° 2	14°25	S 17
M18	7 48 39	27°16'54	17°35	10° 7	0♂38	1°58	23°17	29°53	19°36	10°50	11°35	28°15	29°26	9° 8	14°21	M18
T 19	7 52 36	28°18'00	1♂41	11°34	1°53	2°45	23°11	29°55	19°34	10°52	11°35	28° 6	29°23	9°15	14°17	T 19
W20	7 56 32	29°19'05	16°12	13° 2	3° 8	3°32	23° 6	29°57	19°31	10°53	11°34	27°56	29°20	9°22	14°12	W20
T 21	8 0 29	0♂20'11	1♂ 1	14°31	4°22	4°20	23° 1	29°59	19°29	10°55	11°33	27°46	29°16	9°28	14° 8	T 21
F 22	8 4 26	1°21'16	16° 0	16° 0	5°37	5° 7	22°56	0♂ 1	19°26	10°57	11°32	27°39	29°13	9°35	14° 4	F 22
S 23	8 8 22	2°22'21	1♂ 0	17°29	6°52	5°54	22°51	0° 3	19°24	10°58	11°32	27°34	29°10	9°42	14° 0	S 23
S 24	8 12 19	3°23'25	15°52	19° 0	8° 6	6°41	22°47	0° 5	19°22	11° 0	11°31	27°31	29° 7	9°48	13°56	S 24
M25	8 16 15	4°24'30	0♂30	20°31	9°21	7°28	22°42	0° 6	19°19	11° 1	11°30	27°D30	29° 4	9°55	13°51	M25
T 26	8 20 12	5°25'34	14°49	22° 2	10°36	8°16	22°38	0° 8	19°17	11° 3	11°30	27°31	29° 1	10° 2	13°47	T 26
W27	8 24 8	6°26'38	28°47	23°34	11°51	9° 3	22°34	0° 9	19°14	11° 4	11°29	27°32	28°57	10° 8	13°43	W27
T 28	8 28 5	7°27'43	12♂26	25° 6	13° 5	9°50	22°30	0°10	19°11	11° 6	11°29	27°R32	28°54	10°15	13°38	T 28
F 29	8 32 1	8°28'47	25°46	26°39	14°20	10°37	22°26	0°12	19° 9	11° 7	11°28	27°31	28°51	10°22	13°34	F 29
S 30	8 35 58	9°29'50	8♂49	28°13	15°35	11°24	22°23	0°13	19° 6	11° 8	11°28	27°27	28°48	10°28	13°30	S 30
S 31	8 39 55	10♂30'54	21♂38	29♂47	16♂50	12♂11	22II20	0♂14	19♂ 4	11♂10	11II27	27♂21	28♂45	10♂35	13♂25	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂	♂	♂	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s59	12s59	3n35	20s44	2n 7	20s19	1n30	16s19	1s11	22n46	0s30	8s51	2n23	15n23	0n43	20s22	1n33	9n26	12s48	0s 3	0s 8	6s56	9n11	7s18
S 2	22 54	15 37	4 18	20 57	1 59	20 32	1 28	16 4	1 11	22 46	0 30	8 52	2 23	15 23	0 43	20 23	1 34	9 26	12 48	0n 0	0 7	6 55	9 11	7 18
S 3	22 49	17 24	4 46	21 9	1 51	20 44	1 26	15 49	1 11	22 45	0 30	8 53	2 24	15 24	0 43	20 23	1 34	9 26	12 48	0 4	0 5	6 53	9 12	7 19
M 4	22 43	18 16	5 0	21 22	1 43	20 56	1 24	15 34	1 10	22 45	0 30	8 54	2 24	15 24	0 43	20 23	1 34	9 26	12 47	0 9	0 4	6 51	9 13	7 19
T 5	22 37	18 11	4 58	21 35	1 35	21 6	1 21	15 18	1 10	22 45	0 30	8 55	2 24	15 25	0 43	20 23	1 34	9 26	12 47	0 15	0 3	6 49	9 13	7 19
W 6	22 30	17 14	4 42	21 47	1 26	21 17	1 19	15 2	1 9	22 45	0 29	8 56	2 24	15 26	0 43	20 24	1 34	9 26	12 47	0 20	0 2	6 48	9 14	7 20
T 7	22 23	15 29	4 12	21 58	1 18	21 27	1 17	14 47	1 9	22 45	0 29	8 57	2 25	15 26	0 43	20 24	1 34	9 27	12 47	0 25	0 0	6 46	9 14	7 20
F 8	22 16	13 4	3 32	22 9	1 9	21 36	1 15	14 31	1 8	22 45	0 29	8 58	2 25	15 27	0 43	20 24	1 34	9 27	12 47	0 29	0n 1	6 44	9 15	7 20
S 9	22 8	10 8	2 42	22 19	1 1	21 44	1 12	14 14	1 8	22 45	0 29	8 59	2 25	15 28	0 43	20 24	1 34	9 27	12 46	0 32	0 2	6 43	9 16	7 21
S 10	22 0	6 50	1 46	22 29	0 52	21 52	1 10	13 58	1 7	22 45	0 29	9 0	2 25	15 28	0 43	20 25	1 34	9 27	12 46	0 34	0 3	6 41	9 17	7 21
M11	21 51	3 16	0 46	22 37	0 44	21 59	1 8	13 42	1 7	22 45	0 29	9 1	2 26	15 29	0 43	20 25	1 34	9 27	12 46	0 35	0 5	6 39	9 17	7 21
T 12	21 42	0n26	0s17	22 45	0 36	22 6	1 5	13 25	1 6	22 44	0 28	9 1	2 26	15 30	0 43	20 25	1 34	9 27	12 46	0 35	0 6	6 38	9 18	7 22
W13	21 32	4 8	1 20	22 52	0 27	22 12	1 3	13 8	1 6	22 44	0 28	9 2	2 26	15 30	0 43	20 25	1 34	9 27	12 46	0 35	0 7	6 36	9 19	7 22
T 14	21 22	7 44	2 20	22 58	0 19	22 17	1 0	12 52	1 5	22 44	0 28	9 3	2 26	15 31	0 43	20 26	1 34	9 27	12 45	0 35	0 8	6 34	9 20	7 22
F 15	21 12	11 4	3 15	23 2	0 11	22 22	0 58	12 35	1 5	22 44	0 28	9 4	2 27	15 32	0 43	20 26	1 34	9 27	12 45	0 35	0 10	6 32	9 21	7 22
S 16	21 1	14 0	4 2	23 6	0 3	22 26	0 55	12 18	1 4	22 44	0 28	9 4	2 27	15 33	0 43	20 26	1 34	9 27	12 45	0 36	0 11	6 31	9 22	7 23
S 17	20 49	16 19	4 38	23 9	0s 4	22 29	0 52	12 0	1 4	22 44	0 27	9 5	2 27	15 33	0 43	20 26	1 34	9 28	12 45	0 39	0 12	6 29	9 22	7 23
M18	20 38	17 48	5 0	23 10	0 12	22 31	0 50	11 43	1 3	22 44	0 27	9 5	2 27	15 34	0 43	20 26	1 34	9 28	12 45	0 42	0 14	6 27	9 23	7 23
T 19	20 26	18 16	5 4	23 10	0 19	22 33	0 47	11 26	1 3	22 44	0 27	9 6	2 28	15 35	0 43	20 27	1 34	9 28	12 44	0 45	0 15	6 26	9 24	7 23
W20	20 13	17 35	4 50	23 9	0 26	22 35	0 45	11 8	1 2	22 44	0 27	9 6	2 28	15 36	0 43	20 27	1 34	9 28	12 44	0 49	0 16	6 24	9 25	7 23
T 21	20 0	15 42	4 16	23 7	0 33	22 35	0 42	10 51	1 1	22 44	0 27	9 7	2 28	15 36	0 43	20 27	1 34	9 28	12 44	0 53	0 17	6 22	9 26	7 24
F 22	19 47	12 44	3 24	23 4	0 40	22 35	0 39	10 33	1 1	22 44	0 27	9 7	2 28	15 37	0 43	20 27	1 34	9 28	12 44	0 56	0 19	6 20	9 27	7 24
S 23	19 34	8 56	2 17	22 59	0 47	22 34	0 36	10 15	1 0	22 43	0 26	9 8	2 29	15 38	0 43	20 27	1 34	9 28	12 43	0 58	0 20	6 19	9 28	7 24
S 24	19 20	4 36	1 2	22 54	0 53	22 33	0 34	9 57	1 0	22 43	0 26	9 8	2 29	15 39	0 43	20 27	1 34	9 29	12 43	0 59	0 21	6 17	9 30	7 24
M25	19 5	0 3	0n16	22 47	0 59	22 31	0 31	9 39	0 59	22 43	0 26	9 8	2 29	15 40	0 43	20 28	1 34	9 29	12 43	0 59	0 22	6 15	9 31	7 24
T 26	18 51	4s24	1 32	22 38	1 5	22 28	0 28	9 21	0 59	22 43	0 26	9 9	2 30	15 40	0 43	20 28	1 34	9 29	12 43	0 59	0 24	6 14	9 32	7 24
W27	18 36	8 30	2 40	22 29	1 11	22 24	0 26	9 3	0 58	22 43	0 26	9 9	2 30	15 41	0 43	20 28	1 34	9 29	12 42	0 59	0 25	6 12	9 33	7 24
T 28	18 20	12 3	3 38	22 18	1 17	22 20	0 23	8 45	0 57	22 43	0 25	9 9	2 30	15 42	0 43	20 28	1 34	9 29	12 42	0 59	0 26	6 10	9 34	7 24
F 29	18 5	14 53	4 22	22 5	1 22	22 15	0 20	8 26	0 57	22 43	0 25	9 9	2 30	15 43	0 43	20 28	1 34	9 29	12 42	0 59	0 27	6 8	9 35	7 24
S 30	17 49	16 53	4 52	21 52	1 27	22 10	0 17	8 8	0 56	22 43	0 25	9 9	2 31	15 44	0 43	20 28	1 34	9 30	12 42	1 1	0 29	6 7	9 36	7 24
S 31	17s32	17s59	5n 7	21s37	1s32	22s 3	0n15	7s49	0s56	22n43	0s25	9s 9	2n31	15n44	0n43	20s29	1n34	9n30	12s41	1n 3	0n30	6s 5	9n38	7s24

# ASTRODIENST EPHEMERIS for the year 2630

FEBRUARY 2630

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	8 43 51	11°31'57	4°31'14	18°21	18°35	12°59	22°R17	0°14	19°R 1	11°11	11°R27	27°R13	28°41	10°42	13°R21	M 1
T 2	8 47 48	12°32'59	16°39	2°57	19°20	13°46	22°II14	0°15	18°59	11°12	11°II26	27°II 5	28°38	10°48	13°II17	T 2
W 3	8 51 44	13°34'01	28°53	4°32	20°35	14°33	22°11	0°16	18°56	11°14	11°26	26°56	28°35	10°55	13°12	W 3
T 4	8 55 41	14°35'03	10°59	6° 9	21°49	15°20	22° 9	0°16	18°53	11°15	11°25	26°48	28°32	11° 2	13° 8	T 4
F 5	8 59 37	15°36'03	22°57	7°46	23° 4	16° 7	22° 6	0°17	18°51	11°16	11°25	26°41	28°29	11° 8	13° 3	F 5
S 6	9 3 34	16°37'03	4°49	9°23	24°19	16°54	22° 4	0°17	18°48	11°17	11°24	26°37	28°26	11°15	12°59	S 6
S 7	9 7 30	17°38'02	16°37	11° 2	25°34	17°41	22° 2	0°17	18°45	11°19	11°24	26°34	28°22	11°21	12°55	S 7
M 8	9 11 27	18°38'59	28°23	12°40	26°49	18°29	22° 1	0°R17	18°43	11°20	11°24	26°D34	28°19	11°28	12°50	M 8
T 9	9 15 24	19°39'56	10°Y11	14°20	28° 4	19°16	21°59	0°17	18°40	11°21	11°23	26°34	28°16	11°35	12°46	T 9
W10	9 19 20	20°40'52	22° 4	16° 0	29°19	20° 3	21°58	0°17	18°38	11°22	11°23	26°36	28°13	11°41	12°41	W10
T 11	9 23 17	21°41'46	4°8	17°41	0°34	20°50	21°57	0°17	18°35	11°23	11°23	26°38	28°10	11°48	12°37	T 11
F 12	9 27 13	22°42'39	16°26	19°23	1°48	21°37	21°56	0°17	18°32	11°24	11°22	26°39	28° 7	11°55	12°33	F 12
S 13	9 31 10	23°43'31	29° 5	21° 5	3° 3	22°24	21°55	0°16	18°30	11°25	11°22	26°R39	28° 3	12° 1	12°29	S 13
S 14	9 35 6	24°44'22	12°II 7	22°48	4°18	23°11	21°55	0°16	18°27	11°26	11°22	26°38	28° 0	12° 8	12°24	S 14
M15	9 39 3	25°45'11	25°38	24°32	5°33	23°58	21°55	0°15	18°25	11°27	11°22	26°35	27°57	12°15	12°20	M15
T 16	9 42 59	26°45'59	9°37	26°17	6°48	24°45	21°D55	0°14	18°22	11°28	11°21	26°31	27°54	12°21	12°16	T 16
W17	9 46 56	27°46'46	24° 4	28° 2	8° 3	25°32	21°55	0°13	18°19	11°29	11°21	26°27	27°51	12°28	12°12	W17
T 18	9 50 53	28°47'31	8°II 5	29°48	9°18	26°19	21°55	0°12	18°17	11°29	11°21	26°23	27°47	12°35	12° 8	T 18
F 19	9 54 49	29°48'15	24° 2	1°34	10°33	27° 5	21°56	0°11	18°14	11°30	11°21	26°19	27°44	12°41	12° 3	F 19
S 20	9 58 46	0°48'57	9°II 16	3°22	11°47	27°52	21°57	0°10	18°12	11°31	11°21	26°17	27°41	12°48	11°59	S 20
S 21	10 2 42	1°49'38	24°27	5°10	13° 2	28°39	21°58	0° 9	18° 9	11°32	11°21	26°D16	27°38	12°55	11°55	S 21
M22	10 6 39	2°50'18	9°II 25	6°59	14°17	29°26	21°59	0° 8	18° 7	11°32	11°21	26°17	27°35	13° 1	11°51	M22
T 23	10 10 35	3°50'57	24° 4	8°48	15°32	0°Y13	22° 0	0° 6	18° 4	11°33	11°21	26°18	27°32	13° 8	11°47	T 23
W24	10 14 32	4°51'35	8°II 19	10°38	16°47	1° 0	22° 2	0° 5	18° 2	11°34	11°D21	26°19	27°28	13°15	11°43	W24
T 25	10 18 28	5°52'12	22° 9	12°28	18° 2	1°46	22° 3	0° 3	17°59	11°34	11°21	26°21	27°25	13°21	11°40	T 25
F 26	10 22 25	6°52'48	5°II 34	14°18	19°17	2°33	22° 5	0° 1	17°57	11°35	11°21	26°R21	27°22	13°28	11°36	F 26
S 27	10 26 22	7°53'22	18°36	16° 9	20°32	3°20	22° 8	29°II 59	17°54	11°35	11°21	26°21	27°19	13°34	11°32	S 27
S 28	10 30 18	8°53'56	1°II 18	18°II 0	21°47	4°Y 6	22°II 10	29°II 57	17°II 52	11°II 36	11°II 21	26°II 20	27°II 16	13°II 41	11°II 28	S 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	17s16	18s12	5n 6	21s21	1s36	21s57	0n12	7s31	0s55	22n43	0s25	9s 9	2n31	15n45	0n43	20s29	1n35
T 2	16 59	17 31	4 51	21 4	1 40	21 49	0 9	7 12	0 54	22 43	0 24	9 9	2 31	15 46	0 43	20 29	1 35
W 3	16 42	16 2	4 22	20 45	1 44	21 41	0 6	6 53	0 54	22 43	0 24	9 9	2 32	15 47	0 43	20 29	1 35
T 4	16 24	13 51	3 42	20 25	1 48	21 32	0 4	6 35	0 53	22 43	0 24	9 9	2 32	15 48	0 43	20 29	1 35
F 5	16 6	11 6	2 52	20 3	1 51	21 22	0 1	6 16	0 53	22 43	0 24	9 9	2 32	15 49	0 43	20 29	1 35
S 6	15 48	7 55	1 56	19 41	1 54	21 12	0s 2	5 57	0 52	22 44	0 24	9 9	2 33	15 49	0 43	20 29	1 35
S 7	15 30	4 26	0 54	19 17	1 57	21 1	0 4	5 38	0 51	22 44	0 23	9 9	2 33	15 50	0 43	20 30	1 35
M 8	15 11	0 48	0s10	18 51	1 59	20 50	0 7	5 19	0 51	22 44	0 23	9 8	2 33	15 51	0 43	20 30	1 35
T 9	14 52	2n53	1 14	18 25	2 2	20 38	0 10	5 0	0 50	22 44	0 23	9 8	2 33	15 52	0 43	20 30	1 35
W10	14 33	6 29	2 15	17 57	2 3	20 25	0 12	4 41	0 50	22 44	0 23	9 8	2 34	15 53	0 43	20 30	1 35
T 11	14 13	9 51	3 11	17 27	2 4	20 12	0 15	4 22	0 49	22 44	0 23	9 8	2 34	15 53	0 43	20 30	1 35
F 12	13 54	12 52	4 0	16 56	2 5	19 58	0 17	4 3	0 48	22 44	0 22	9 7	2 34	15 54	0 43	20 30	1 35
S 13	13 34	15 21	4 38	16 24	2 6	19 44	0 20	3 44	0 48	22 44	0 22	9 7	2 34	15 55	0 43	20 30	1 35
S 14	13 14	17 9	5 4	15 51	2 6	19 29	0 22	3 25	0 47	22 45	0 22	9 6	2 35	15 56	0 43	20 30	1 35
M15	12 53	18 4	5 14	15 16	2 6	19 13	0 25	3 6	0 46	22 45	0 22	9 6	2 35	15 57	0 43	20 30	1 35
T 16	12 33	17 56	5 6	14 40	2 5	18 57	0 27	2 47	0 46	22 45	0 22	9 5	2 35	15 58	0 43	20 30	1 35
W17	12 12	16 39	4 38	14 3	2 4	18 40	0 30	2 28	0 45	22 45	0 21	9 5	2 36	15 58	0 43	20 30	1 35
T 18	11 51	14 14	3 52	13 24	2 2	18 23	0 32	2 8	0 44	22 45	0 21	9 4	2 36	15 59	0 43	20 30	1 35
F 19	11 30	10 49	2 48	12 45	2 0	18 5	0 35	1 49	0 44	22 46	0 21	9 4	2 36	16 0	0 43	20 31	1 35
S 20	11 9	6 38	1 32	12 3	1 57	17 47	0 37	1 30	0 43	22 46	0 21	9 3	2 36	16 1	0 43	20 31	1 35
S 21	10 47	2 3	0 10	11 21	1 54	17 28	0 39	1 11	0 42	22 46	0 21	9 2	2 37	16 1	0 43	20 31	1 35
M22	10 26	2s37	1n12	10 37	1 50	17 9	0 41	0 52	0 42	22 46	0 21	9 2	2 37	16 2	0 43	20 31	1 35
T 23	10 4	7 1	2 28	9 53	1 46	16 49	0 44	0 33	0 41	22 47	0 20	9 1	2 37	16 3	0 43	20 31	1 36
W24	9 42	10 53	3 32	9 7	1 41	16 29	0 46	0 14	0 40	22 47	0 20	9 0	2 37	16 4	0 43	20 31	1 36
T 25	9 20	14 1	4 22	8 20	1 35	16 8	0 48	0n 6	0 40	22 47	0 20	8 59	2 38	16 4	0 43	20 31	1 36
F 26	8 57	16 18	4 56	7 32	1 29	15 47	0 50	0 25	0 39	22 47	0 20	8 58	2 38	16 5	0 43	20 31	1 36
S 27	8 35	17 40	5 13	6 43	1 23	15 25	0 52	0 44	0 38	22 48	0 20	8 58	2 38	16 6	0 43	20 31	1 36
S 28	8s12	18s 6	5n15	5s53	1s15	15s 3	0s54	1n 3	0s38	22n48	0s19	8s57	2n38	16n 7	0n43	20s31	1n36

Julian Day Number = 2681678.5, Delta T = 22m12s  
 Ecliptic obliquity = 23°21'17, Nutation = 0°00'01  
 Ayanamsha: Fagan/Bradley = 33°33'13, Lahiri = 32°40'13

## ASTRODIENST EPHEMERIS for the year 2630

MARCH 2630

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	10 34 15	9°54'28	13°34'44	19°50'50	23°55'1	4°53'53	22°11'12	29°R55	17°R50	11°57'36	11°11'21	26°R18	27°12'12	13°54'48	11°R25	M 1
T 2	10 38 11	10°54'59	25°57'25	21°40'40	24°16'16	5°40'40	22°15'15	29°53'53	17°47'47	11°37'37	11°21'21	26°13'13	27°9'9	13°54'48	11°R21	T 2
W 3	10 42 8	11°55'29	7°55'59	23°30'30	25°31'31	6°26'26	22°18'18	29°51'51	17°45'45	11°37'37	11°21'21	26°13'13	27°6'6	14°1'1	11°18'18	W 3
T 4	10 46 4	12°55'57	19°55'57	25°19'19	26°46'46	7°13'13	22°21'21	29°48'48	17°43'43	11°37'37	11°21'21	26°11'11	27°3'3	14°8'8	11°14'14	T 4
F 5	10 50 1	13°56'23	1°56'45	27°6'6	28°1'1	7°59'59	22°25'25	29°46'46	17°40'40	11°38'38	11°22'22	26°9'9	27°0'0	14°14'14	11°11'11	F 5
S 6	10 53 57	14°56'48	13°33'33	28°52'52	29°16'16	8°46'46	22°28'28	29°43'43	17°38'38	11°38'38	11°22'22	26°8'8	26°57'57	14°21'21	11°7'7	S 6
S 7	10 57 54	15°57'12	25°20'20	0°53'35	0°53'31	9°32'32	22°32'32	29°41'41	17°36'36	11°38'38	11°22'22	26°D 8	26°53'53	14°28'28	11°4'4	S 7
M 8	11 1 50	16°57'34	7°57'9	2°16'16	1°46'46	10°19'19	22°36'36	29°38'38	17°34'34	11°39'39	11°22'22	26°8'8	26°50'50	14°34'34	11°1'1	M 8
T 9	11 5 47	17°57'54	19°2'2	3°54'54	3°0'0	11°5'5	22°40'40	29°35'35	17°31'31	11°39'39	11°22'22	26°9'9	26°47'47	14°41'41	10°58'58	T 9
W10	11 9 44	18°58'12	1°58'1	5°29'29	4°15'15	11°51'51	22°44'44	29°32'32	17°29'29	11°39'39	11°23'23	26°9'9	26°44'44	14°48'48	10°55'55	W10
T 11	11 13 40	19°58'28	13°10'10	6°59'59	5°30'30	12°38'38	22°48'48	29°29'29	17°27'27	11°39'39	11°23'23	26°10'10	26°41'41	14°54'54	10°52'52	T 11
F 12	11 17 37	20°58'43	25°32'32	8°24'24	6°45'45	13°24'24	22°53'53	29°26'26	17°25'25	11°39'39	11°23'23	26°11'11	26°38'38	15°1'1	10°49'49	F 12
S 13	11 21 33	21°58'56	8°11'10	9°44'44	8°0'0	14°10'10	22°58'58	29°23'23	17°23'23	11°39'39	11°24'24	26°11'11	26°34'34	15°8'8	10°46'46	S 13
S 14	11 25 30	22°59'06	21°9'9	10°58'58	9°15'15	14°57'57	23°3'3	29°20'20	17°21'21	11°R39	11°24'24	26°R11	26°31'31	15°14'14	10°43'43	S 14
M15	11 29 26	23°59'15	4°59'30	12°5'5	10°29'29	15°43'43	23°8'8	29°17'17	17°19'19	11°39'39	11°25'25	26°11'11	26°28'28	15°21'21	10°41'41	M15
T 16	11 33 23	24°59'21	18°17'17	13°6'6	11°44'44	16°29'29	23°13'13	29°13'13	17°17'17	11°39'39	11°25'25	26°11'11	26°25'25	15°27'27	10°38'38	T 16
W17	11 37 19	25°59'25	2°59'25	13°58'58	12°59'59	17°15'15	23°19'19	29°10'10	17°15'15	11°39'39	11°25'25	26°D11	26°22'22	15°34'34	10°36'36	W17
T 18	11 41 16	26°59'28	17°6'6	14°43'43	14°14'14	18°1'1	23°24'24	29°6'6	17°13'13	11°39'39	11°26'26	26°11'11	26°18'18	15°41'41	10°33'33	T 18
F 19	11 45 13	27°59'28	2°17'3	15°19'19	15°28'28	18°47'47	23°30'30	29°3'3	17°12'12	11°39'39	11°26'26	26°11'11	26°15'15	15°47'47	10°31'31	F 19
S 20	11 49 9	28°59'26	17°11'11	15°47'47	16°43'43	19°33'33	23°36'36	28°59'59	17°10'10	11°39'39	11°27'27	26°11'11	26°12'12	15°54'54	10°29'29	S 20
S 21	11 53 6	29°59'22	2°59'22	16°6'6	17°58'58	20°19'19	23°42'42	28°55'55	17°8'8	11°38'38	11°27'27	26°R11	26°9'9	16°1'1	10°26'26	S 21
M22	11 57 2	0°59'16	17°30'30	16°16'16	19°13'13	21°5'5	23°48'48	28°51'51	17°6'6	11°38'38	11°28'28	26°11'11	26°6'6	16°7'7	10°24'24	M22
T 23	12 0 59	1°59'08	2°11'21	16°R17	20°27'27	21°51'51	23°55'55	28°48'48	17°5'5	11°38'38	11°28'28	26°11'11	26°3'3	16°14'14	10°22'22	T 23
W24	12 4 55	2°58'59	16°50'50	16°9'9	21°42'42	22°36'36	24°1'1	28°44'44	17°3'3	11°37'37	11°29'29	26°10'10	25°59'59	16°21'21	10°20'20	W24
T 25	12 8 52	3°58'48	0°58'48	15°53'53	22°57'57	23°22'22	24°8'8	28°40'40	17°2'2	11°37'37	11°30'30	26°9'9	25°56'56	16°27'27	10°19'19	T 25
F 26	12 12 48	4°58'36	14°29'29	15°30'30	24°11'11	24°8'8	24°15'15	28°36'36	17°0'0	11°37'37	11°30'30	26°8'8	25°53'53	16°34'34	10°17'17	F 26
S 27	12 16 45	5°58'22	27°38'38	14°59'59	25°26'26	24°54'54	24°22'22	28°32'32	16°59'59	11°36'36	11°31'31	26°8'8	25°50'50	16°41'41	10°15'15	S 27
S 28	12 20 42	6°58'06	10°58'06	14°22'22	26°41'41	25°39'39	24°29'29	28°27'27	16°57'57	11°36'36	11°32'32	26°D 8	25°47'47	16°47'47	10°14'14	S 28
M29	12 24 38	7°57'49	22°48'48	13°39'39	27°55'55	26°25'25	24°37'37	28°23'23	16°56'56	11°35'35	11°32'32	26°8'8	25°44'44	16°54'54	10°12'12	M29
T 30	12 28 35	8°57'29	4°57'29	12°52'52	29°10'10	27°11'11	24°44'44	28°19'19	16°55'55	11°35'35	11°33'33	26°9'9	25°40'40	17°1'1	10°11'11	T 30
W31	12 32 31	9°57'08	16°57'08	12°51'51	0°57'25	27°56'56	24°52'52	28°15'15	16°53'53	11°34'34	11°33'33	26°10'10	25°37'37	17°7'7	10°10'10	W31

Day	☉	☽		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	7s50	17s39	5n 2	5s 3	1s 7	14s41	0s56	1n22	0s37	22n48	0s19	8s56	2n39	16n 7	0n43	20s31	1n36	9n37	12s33	1n28	1n 6	5s15	10n16	7s18			
T 2	7 27	16 23	4 35	4 11	0 59	14 18	0 58	1 41	0 36	22 49	0 19	8 55	2 39	16 8	0 43	20 31	1 36	9 38	12 33	1 29	1 8	5 13	10 18	7 17			
W 3	7 4	14 24	3 56	3 20	0 50	13 54	1 0	2 0	0 36	22 49	0 19	8 54	2 39	16 9	0 43	20 31	1 36	9 38	12 32	1 30	1 9	5 11	10 19	7 17			
T 4	6 41	11 49	3 8	2 28	0 40	13 31	1 1	2 19	0 35	22 49	0 19	8 53	2 39	16 10	0 43	20 31	1 36	9 38	12 32	1 31	1 10	5 10	10 20	7 17			
F 5	6 18	8 46	2 11	1 36	0 29	13 7	1 3	2 38	0 34	22 50	0 19	8 52	2 39	16 10	0 43	20 31	1 36	9 39	12 32	1 31	1 11	5 8	10 22	7 16			
S 6	5 55	5 23	1 9	0 44	0 18	12 42	1 5	2 57	0 34	22 50	0 18	8 50	2 40	16 11	0 43	20 31	1 36	9 39	12 31	1 32	1 13	5 6	10 23	7 16			
S 7	5 31	1 47	0 4	0n 8	0 6	12 17	1 6	3 16	0 33	22 51	0 18	8 49	2 40	16 12	0 43	20 31	1 36	9 39	12 31	1 32	1 14	5 4	10 24	7 15			
M 8	5 8	1n54	1s 1	0 59	0n 6	11 52	1 8	3 34	0 32	22 51	0 18	8 48	2 40	16 12	0 43	20 31	1 36	9 40	12 31	1 32	1 15	5 3	10 26	7 15			
T 9	4 44	5 31	2 4	1 50	0 19	11 27	1 10	3 53	0 32	22 51	0 18	8 47	2 40	16 13	0 43	20 31	1 36	9 40	12 31	1 32	1 16	5 1	10 27	7 14			
W10	4 21	8 56	3 2	2 39	0 32	11 1	1 11	4 12	0 31	22 52	0 18	8 46	2 41	16 13	0 43	20 31	1 36	9 40	12 30	1 31	1 18	4 59	10 28	7 14			
T 11	3 57	12 2	3 53	3 27	0 45	10 35	1 12	4 30	0 30	22 52	0 17	8 45	2 41	16 14	0 43	20 31	1 36	9 41	12 30	1 31	1 19	4 57	10 30	7 13			
F 12	3 34	14 38	4 34	4 13	0 59	10 9	1 14	4 49	0 30	22 53	0 17	8 43	2 41	16 15	0 43	20 31	1 36	9 41	12 30	1 31	1 20	4 56	10 31	7 12			
S 13	3 10	16 37	5 3	4 58	1 13	9 42	1 15	5 8	0 29	22 53	0 17	8 42	2 41	16 15	0 43	20 31	1 36	9 41	12 29	1 31	1 21	4 54	10 32	7 12			
S 14	2 47	17 47	5 17	5 39	1 27	9 15	1 16	5 26	0 28	22 53	0 17	8 41	2 41	16 16	0 43	20 31	1 36	9 42	12 29	1 31	1 23	4 52	10 33	7 11			
M15	2 23	18 2	5 15	6 18	1 41	8 48	1 17	5 44	0 28	22 54	0 17	8 39	2 42	16 16	0 43	20 31	1 37	9 42	12 29	1 31	1 24	4 50	10 35	7 11			
T 16	1 59	17 14	4 55	6 55	1 54	8 21	1 19	6 3	0 27	22 54	0 17	8 38	2 42	16 17	0 43	20 30	1 37	9 42	12 29	1 31	1 25	4 48	10 36	7 10			
W17	1 35	15 22	4 17	7 27	2 8	7 53	1 20	6 21	0 26	22 55	0 16	8 37	2 42	16 18	0 43	20 30	1 37	9 43	12 28	1 31	1 27	4 47	10 37	7 10			
T 18	1 12	12 27	3 21	7 57	2 21	7 26	1 21	6 39	0 25	22 55	0 16	8 35	2 42	16 18	0 43	20 30	1 37	9 43	12 28	1 31	1 28	4 45	10 38	7 9			
F 19	0 48	8 41	2 10	8 22	2 33	6 58	1 21	6 57	0 25	22 56	0 16	8 34	2 42	16 19	0 43	20 30	1 37	9 43	12 28	1 31	1 29	4 43	10 39	7 8			
S 20	0 24	4 17	0 50	8 43	2 45	6 29	1 22	7 15	0 24	22 56	0 16	8 32	2 42	16 19	0 43	20 30	1 37	9 44	12 27	1 31	1 30	4 41	10 41	7 8			
S 21	0 0	0s25	0n34	9 0	2 55	6 1	1 23	7 33	0 23	22 57	0 16	8 31	2 43	16 20	0 43	20 30	1 37	9 44	12 27	1 31	1 32	4 40	10 42	7 7			
M22	0n23	5 3	1 56	9 13	3 5	5 33	1 24	7 51	0 23	22 57	0 16	8 29	2 43	16 20	0 43	20 30	1 37	9 44	12 27	1 31	1 33	4 38	10 43	7 7			
T 23	0 47	9 18	3 8	9 21	3 13	5 4	1 24	8 9	0 22	22 57	0 16	8 28	2 43	16 21	0 43	20 30	1 37	9 45	12 27	1 31	1 34	4 36	10 44	7 6			
W24	1 11	12 52	4 6	9 24	3 20	4 35	1 25	8 26	0 21	22 58	0 15	8 26	2 43	16 21	0 43	20 30	1 37	9 45	12 26	1 31	1 35	4 34	10 45	7 5			
T 25	1 35	15 34	4 48	9 23	3 25	4 6	1 26	8 44	0 21	22 58	0 15	8 25	2 43	16 22	0 43	20 30	1 37	9 45	12 26	1 32	1 37	4 33	10 46	7 5			
F 26	1 58	17 18	5 11	9 17	3 28	3 37	1 26	9 1	0 20	22 59	0 15	8 23	2 43	16 22	0 43	20 30	1 37	9 46	12 26	1 32	1 38	4 31	10 47	7 4			
S 27	2 22	18 2	5 18	9 7	3 30	3 8	1 26	9 19	0 19	22 59	0 15	8 22	2 43	16 22	0 43	20 30	1 37	9 46	12 25	1 32	1 39	4 29	10 48	7 3			
S 28	2 45	17 50	5 8	8 52	3 30	2 39	1 27	9 36	0 18	23 0	0 15	8 20	2 44	16 23	0 43	20 29	1 37	9 46	12 25	1 32	1 40	4 27	10 49	7 3			
M29	3 9	16 46	4 44	8 34	3 28	2 9	1 27	9 53	0 18	23 0	0 15	8 19	2 44	16 23	0 43	20 29	1 37	9 47	12 25	1 32	1 42	4 26	10 50	7 2			
T 30	3 32	14 57	4 8	8 12	3 24	1 40	1 27	10 10	0 17	23 1	0 14	8 17	2 44	16 24	0 43	20 29	1 37	9 47	12 25	1 32	1 43	4 24	10 51	7 1			
W31	3n56	12s31	3n21	7n47	3n18	1s10	1s27	10n27	0s16	23n 1	0s14	8s15	2n44	16n24	0n43	20s29	1n37	9n47	12s24	1n31	1n44	4s22	10n52	7s 1			

## ASTRODIENST EPHEMERIS for the year 2630

APRIL 2630

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 36 28	10°Y56'46	28°44	11°R 8	1°Y39	28°Y42	25°II 0	28°R10	16°R52	11°R34	11°II34	26°II12	25°II34	17°II14	10°R 9	T 1
F 2	12 40 24	11°56'21	10°H30	10°Y14	2°54	29°27	25° 8	28°H 6	16°L51	11°H33	11°35	26°13	25°31	17°20	10°L 8	F 2
S 3	12 44 21	12°55'55	22°17	9°20	4° 9	0°H12	25°16	28° 2	16°50	11°33	11°36	26°R13	25°28	17°27	10° 7	S 3
S 4	12 48 17	13°55'26	4°Y 7	8°27	5°23	0°58	25°24	27°57	16°49	11°32	11°37	26°13	25°24	17°34	10° 6	S 4
M 5	12 52 14	14°54'56	16° 2	7°36	6°38	1°43	25°32	27°53	16°48	11°31	11°37	26°12	25°21	17°40	10° 5	M 5
T 6	12 56 10	15°54'24	28° 4	6°49	7°52	2°28	25°41	27°48	16°47	11°30	11°38	26°10	25°18	17°47	10° 5	T 6
W 7	13 0 7	16°53'50	10°H15	6° 5	9° 7	3°14	25°49	27°44	16°46	11°30	11°39	26° 7	25°15	17°54	10° 4	W 7
T 8	13 4 4	17°53'13	22°36	5°25	10°22	3°59	25°58	27°39	16°45	11°29	11°40	26° 4	25°12	18° 0	10° 4	T 8
F 9	13 8 0	18°52'35	5°II10	4°51	11°36	4°44	26° 7	27°35	16°44	11°28	11°41	26° 0	25° 9	18° 7	10° 3	F 9
S 10	13 11 57	19°51'54	17°57	4°21	12°51	5°29	26°16	27°30	16°43	11°27	11°42	25°57	25° 5	18°14	10° 3	S 10
S 11	13 15 53	20°51'11	1°H 0	3°58	14° 5	6°14	26°25	27°26	16°42	11°26	11°43	25°54	25° 2	18°20	10° 3	S 11
M12	13 19 50	21°50'26	14°21	3°40	15°20	6°59	26°34	27°21	16°42	11°26	11°43	25°53	24°59	18°27	10°D 3	M12
T 13	13 23 46	22°49'38	28° 0	3°27	16°34	7°44	26°43	27°16	16°41	11°25	11°44	25°D53	24°56	18°34	10° 3	T 13
W14	13 27 43	23°48'49	11°L59	3°20	17°49	8°29	26°53	27°12	16°41	11°24	11°45	25°54	24°53	18°40	10° 3	W14
T 15	13 31 39	24°47'56	26°17	3°D19	19° 3	9°14	27° 2	27° 7	16°40	11°23	11°46	25°55	24°49	18°47	10° 3	T 15
F 16	13 35 36	25°47'02	10°II52	3°23	20°17	9°58	27°12	27° 2	16°40	11°22	11°47	25°57	24°46	18°53	10° 4	F 16
S 17	13 39 33	26°46'05	25°41	3°33	21°32	10°43	27°22	26°58	16°39	11°21	11°48	25°R57	24°43	19° 0	10° 4	S 17
S 18	13 43 29	27°45'06	10°L37	3°48	22°46	11°28	27°31	26°53	16°39	11°20	11°49	25°57	24°40	19° 7	10° 5	S 18
M19	13 47 26	28°44'05	25°33	4° 7	24° 1	12°12	27°41	26°48	16°38	11°19	11°50	25°54	24°37	19°13	10° 5	M19
T 20	13 51 22	29°43'02	10°II20	4°32	25°15	12°57	27°52	26°44	16°38	11°18	11°51	25°50	24°34	19°20	10° 6	T 20
W21	13 55 19	0°H41'57	24°51	5° 0	26°29	13°41	28° 2	26°39	16°38	11°16	11°52	25°45	24°30	19°27	10° 7	W21
T 22	13 59 15	1°40'50	8°H59	5°33	27°44	14°26	28°12	26°34	16°38	11°15	11°54	25°40	24°27	19°33	10° 8	T 22
F 23	14 3 12	2°39'42	22°42	6°11	28°58	15°10	28°22	26°30	16°38	11°14	11°55	25°34	24°24	19°40	10° 9	F 23
S 24	14 7 8	3°38'32	5°H57	6°51	0°H12	15°55	28°33	26°25	16°D38	11°13	11°56	25°30	24°21	19°47	10°10	S 24
S 25	14 11 5	4°37'20	18°47	7°36	1°27	16°39	28°43	26°21	16°38	11°12	11°57	25°27	24°18	19°53	10°11	S 25
M26	14 15 2	5°36'06	1°H15	8°24	2°41	17°23	28°54	26°16	16°38	11°10	11°58	25°D26	24°15	20° 0	10°13	M26
T 27	14 18 58	6°34'51	13°25	9°16	3°55	18° 8	29° 5	26°11	16°38	11° 9	11°59	25°26	24°11	20° 7	10°14	T 27
W28	14 22 55	7°33'34	25°22	10°10	5° 9	18°52	29°16	26° 7	16°38	11° 8	12° 0	25°27	24° 8	20°13	10°16	W28
T 29	14 26 51	8°32'15	7°H11	11° 8	6°24	19°36	29°27	26° 2	16°38	11° 7	12° 1	25°29	24° 5	20°20	10°17	T 29
F 30	14 30 48	9°H30'55	18°H58	12°Y 8	7°H38	20°H20	29°II38	25°H58	16°L39	11°H 5	12°II 2	25°II30	24°II 2	20°H26	10°L19	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	4n19	9s35	2n27	7n19	3n11	0s41	1s28	10n44	0s16	23n 2	0s14	8s14	2n44	16n24	0n43	20s29
F 2	4 42	6 16	1 26	6 49	3 1	0 11	1 28	11 0	0 15	23 2	0 14	8 12	2 44	16 25	0 43	20 29
S 3	5 5	2 43	0 22	6 18	2 51	0n18	1 27	11 17	0 14	23 2	0 14	8 11	2 44	16 25	0 43	20 29
S 4	5 28	0n58	0s44	5 46	2 39	0 48	1 27	11 33	0 14	23 3	0 14	8 9	2 44	16 25	0 43	20 29
M 5	5 51	4 38	1 47	5 14	2 25	1 17	1 27	11 50	0 13	23 3	0 14	8 7	2 44	16 26	0 43	20 28
T 6	6 14	8 9	2 47	4 42	2 11	1 47	1 27	12 6	0 12	23 4	0 13	8 6	2 44	16 26	0 43	20 28
W 7	6 37	11 21	3 40	4 11	1 56	2 16	1 27	12 22	0 12	23 4	0 13	8 4	2 45	16 26	0 43	20 28
T 8	7 0	14 7	4 23	3 41	1 41	2 46	1 26	12 38	0 11	23 5	0 13	8 2	2 45	16 26	0 43	20 28
F 9	7 22	16 15	4 54	3 13	1 25	3 15	1 26	12 54	0 10	23 5	0 13	8 1	2 45	16 27	0 43	20 28
S 10	7 44	17 38	5 12	2 47	1 9	3 45	1 25	13 9	0 10	23 5	0 13	7 59	2 45	16 27	0 42	20 28
S 11	8 7	18 8	5 14	2 23	0 53	4 14	1 25	13 25	0 9	23 6	0 13	7 57	2 45	16 27	0 42	20 28
M12	8 29	17 38	4 59	2 1	0 37	4 43	1 24	13 40	0 8	23 6	0 13	7 56	2 45	16 27	0 42	20 27
T 13	8 51	16 8	4 27	1 42	0 21	5 12	1 23	13 55	0 8	23 6	0 12	7 54	2 45	16 27	0 42	20 27
W14	9 13	13 38	3 39	1 25	0 6	5 41	1 23	14 10	0 7	23 7	0 12	7 52	2 45	16 27	0 42	20 27
T 15	9 34	10 16	2 36	1 11	0s 9	6 10	1 22	14 25	0 6	23 7	0 12	7 51	2 45	16 28	0 42	20 27
F 16	9 56	6 12	1 22	1 0	0 23	6 39	1 21	14 40	0 5	23 8	0 12	7 49	2 45	16 28	0 42	20 27
S 17	10 17	1 41	0 1	0 51	0 37	7 8	1 20	14 55	0 5	23 8	0 12	7 47	2 45	16 28	0 42	20 27
S 18	10 38	2s58	1n20	0 45	0 50	7 36	1 19	15 9	0 4	23 8	0 12	7 46	2 45	16 28	0 42	20 26
M19	10 59	7 26	2 35	0 41	1 2	8 4	1 18	15 23	0 3	23 8	0 12	7 44	2 45	16 28	0 42	20 26
T 20	11 20	11 24	3 39	0 40	1 14	8 32	1 17	15 38	0 3	23 9	0 11	7 42	2 45	16 28	0 42	20 26
W21	11 41	14 35	4 28	0 41	1 25	9 0	1 16	15 52	0 2	23 9	0 11	7 41	2 45	16 28	0 42	20 26
T 22	12 1	16 48	4 59	0 44	1 36	9 28	1 15	16 5	0 1	23 9	0 11	7 39	2 45	16 28	0 42	20 26
F 23	12 21	17 58	5 11	0 50	1 45	9 56	1 13	16 19	0 1	23 10	0 11	7 37	2 45	16 28	0 42	20 25
S 24	12 41	18 7	5 7	0 58	1 54	10 23	1 12	16 33	0 0	23 10	0 11	7 36	2 45	16 28	0 42	20 25
S 25	13 1	17 19	4 46	1 7	2 3	10 50	1 11	16 46	0n 1	23 10	0 11	7 34	2 45	16 28	0 42	20 25
M26	13 21	15 41	4 13	1 19	2 11	11 17	1 9	16 59	0 1	23 10	0 11	7 32	2 45	16 28	0 42	20 25
T 27	13 40	13 24	3 29	1 33	2 18	11 43	1 8	17 12	0 2	23 11	0 11	7 31	2 45	16 28	0 42	20 25
W28	13 59	10 34	2 37	1 48	2 24	12 9	1 6	17 25	0 3	23 11	0 10	7 29	2 45	16 28	0 42	20 24
T 29	14 18	7 19	1 38	2 5	2 30	12 35	1 5	17 37	0 3	23 11	0 10	7 28	2 45	16 28	0 42	20 24
F 30	14n37	3s49	0n35	2n24	2s35	13n 1	1s 3	17n50	0n 4	23n11	0s10	7s26	2n45	16n27	0n42	20s24

Julian Day Number = 2681737.5, Delta T = 22m13s

Ecliptic obliquity = 23°21'18", Nutation = - 0°00'02"

Ayanamsha: Fagan/Bradley = 33°33'21", Lahiri = 32°40'21"



# ASTRODIENST EPHEMERIS for the year 2630

JUNE 2630

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 36 58	10 <sup>11</sup> 32'19	15 <sup>18</sup> 27	3 <sup>11</sup> 33	17 <sup>11</sup> 6	13 <sup>11</sup> 24	6 <sup>58</sup> 8	24°R 3	17 <sup>11</sup> 15	10°R17	12 <sup>11</sup> 44	23°R 4	22 <sup>11</sup> 20	23 <sup>11</sup> 59	12 <sup>11</sup> 2	T 1
W 2	16 40 54	11°30'05	28° 8	5°41	18°20	14° 7	6°21	24 <sup>11</sup> 0	17°17	10 <sup>11</sup> 15	12°45	22 <sup>11</sup> 53	22°17	24° 6	12° 6	W 2
T 3	16 44 51	12°27'50	11 <sup>11</sup> 7	7°49	19°34	14°49	6°34	23°58	17°19	10°13	12°47	22°41	22°14	24°12	12°11	T 3
F 4	16 48 47	13°25'33	24°21	9°59	20°48	15°32	6°47	23°56	17°21	10°12	12°48	22°29	22°11	24°19	12°16	F 4
S 5	16 52 44	14°23'15	7 <sup>58</sup> 50	12°10	22° 1	16°14	7° 1	23°54	17°23	10°10	12°49	22°17	22° 7	24°26	12°21	S 5
S 6	16 56 40	15°20'56	21°31	14°22	23°15	16°56	7°14	23°51	17°25	10° 8	12°51	22° 8	22° 4	24°32	12°25	S 6
M 7	17 0 37	16°18'36	5 <sup>11</sup> 21	16°34	24°29	17°38	7°27	23°50	17°28	10° 7	12°52	22° 0	22° 1	24°39	12°30	M 7
T 8	17 4 33	17°16'14	19°18	18°46	25°43	18°20	7°40	23°48	17°30	10° 5	12°53	21°56	21°58	24°46	12°35	T 8
W 9	17 8 30	18°13'50	3 <sup>11</sup> 19	20°58	26°57	19° 3	7°54	23°46	17°32	10° 4	12°55	21°54	21°55	24°52	12°40	W 9
T 10	17 12 27	19°11'25	17°24	23° 9	28°10	19°45	8° 7	23°44	17°34	10° 2	12°56	21°54	21°52	24°59	12°45	T 10
F 11	17 16 23	20° 8'59	1 <sup>11</sup> 32	25°20	29°24	20°27	8°20	23°43	17°37	10° 0	12°57	21°54	21°48	25° 6	12°51	F 11
S 12	17 20 20	21° 6'31	15°41	27°30	0 <sup>58</sup> 38	21° 8	8°34	23°41	17°39	9°59	12°59	21°52	21°45	25°12	12°56	S 12
S 13	17 24 16	22° 4'02	29°51	29°39	1°51	21°50	8°47	23°40	17°42	9°57	13° 0	21°49	21°42	25°19	13° 1	S 13
M14	17 28 13	23° 1'32	13 <sup>11</sup> 59	1 <sup>58</sup> 46	3° 5	22°32	9° 1	23°39	17°44	9°56	13° 1	21°43	21°39	25°25	13° 7	M14
T 15	17 32 9	23°59'00	28° 1	3°52	4°19	23°14	9°14	23°37	17°46	9°54	13° 3	21°35	21°36	25°32	13°12	T 15
W16	17 36 6	24°56'28	11 <sup>11</sup> 54	5°56	5°32	23°56	9°28	23°36	17°49	9°53	13° 4	21°24	21°32	25°39	13°17	W16
T 17	17 40 2	25°53'54	25°34	7°58	6°46	24°37	9°41	23°35	17°52	9°51	13° 5	21°12	21°29	25°45	13°23	T 17
F 18	17 43 59	26°51'20	8 <sup>58</sup> 57	9°58	8° 0	25°19	9°55	23°34	17°54	9°49	13° 7	21° 0	21°26	25°52	13°29	F 18
S 19	17 47 56	27°48'45	22° 1	11°56	9°13	26° 1	10° 8	23°34	17°57	9°48	13° 8	20°49	21°23	25°59	13°34	S 19
S 20	17 51 52	28°46'09	4 <sup>58</sup> 45	13°52	10°27	26°42	10°22	23°33	18° 0	9°46	13° 9	20°40	21°20	26° 5	13°40	S 20
M21	17 55 49	29°43'33	17°11	15°45	11°40	27°24	10°35	23°32	18° 2	9°45	13°11	20°34	21°17	26°12	13°46	M21
T 22	17 59 45	0 <sup>58</sup> 40'55	29°21	17°36	12°54	28° 5	10°49	23°32	18° 5	9°43	13°12	20°30	21°13	26°19	13°52	T 22
W23	18 3 42	1°38'18	11 <sup>11</sup> 19	19°24	14° 7	28°47	11° 3	23°31	18° 8	9°42	13°13	20°29	21°10	26°25	13°57	W23
T 24	18 7 38	2°35'39	23° 9	21°10	15°21	29°28	11°16	23°31	18°11	9°40	13°15	20°D28	21° 7	26°32	14° 3	T 24
F 25	18 11 35	3°33'01	4 <sup>11</sup> 58	22°54	16°35	0 <sup>58</sup> 9	11°30	23°31	18°13	9°39	13°16	20°R28	21° 4	26°39	14° 9	F 25
S 26	18 15 31	4°30'22	16°50	24°35	17°48	0°51	11°43	23°D31	18°16	9°38	13°17	20°28	21° 1	26°45	14°15	S 26
S 27	18 19 28	5°27'42	28°50	26°13	19° 2	1°32	11°57	23°31	18°19	9°36	13°18	20°26	20°58	26°52	14°21	S 27
M28	18 23 25	6°25'03	11 <sup>11</sup> 8	27°49	20°15	2°13	12°11	23°31	18°22	9°35	13°20	20°21	20°54	26°59	14°28	M28
T 29	18 27 21	7°22'22	23°36	29°23	21°29	2°54	12°25	23°31	18°25	9°33	13°21	20°14	20°51	27° 5	14°34	T 29
W30	18 31 18	8 <sup>58</sup> 19'42	6 <sup>11</sup> 28	0 <sup>11</sup> 53	22 <sup>58</sup> 42	3 <sup>58</sup> 35	12 <sup>58</sup> 38	23 <sup>11</sup> 32	18 <sup>11</sup> 28	9 <sup>11</sup> 32	13 <sup>11</sup> 22	20 <sup>11</sup> 5	20 <sup>11</sup> 48	27 <sup>11</sup> 12	14 <sup>11</sup> 40	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	21n57	12n35	3s59	20n21	0s26	22n50	0n 6	22n43	0n24	23n 6	0s 7	6s49	2n40	16n15	0n41	20s17
W 2	22 5	15 13	4 34	20 55	0 16	22 59	0 8	22 49	0 24	23 6	0 7	6 48	2 40	16 15	0 41	20 17
T 3	22 13	17 10	4 55	21 27	0 5	23 7	0 11	22 54	0 25	23 5	0 6	6 47	2 40	16 14	0 41	20 16
F 4	22 20	18 14	5 1	21 57	0n 5	23 15	0 13	23 0	0 25	23 5	0 6	6 47	2 39	16 14	0 41	20 16
S 5	22 27	18 18	4 50	22 26	0 16	23 22	0 16	23 5	0 26	23 4	0 6	6 46	2 39	16 13	0 41	20 16
S 6	22 33	17 19	4 23	22 52	0 26	23 29	0 18	23 9	0 27	23 3	0 6	6 46	2 39	16 12	0 41	20 16
M 7	22 39	15 19	3 40	23 17	0 36	23 35	0 20	23 14	0 27	23 3	0 6	6 45	2 39	16 12	0 41	20 15
T 8	22 45	12 24	2 43	23 39	0 46	23 40	0 23	23 18	0 28	23 2	0 6	6 45	2 38	16 11	0 41	20 15
W 9	22 50	8 45	1 37	23 58	0 55	23 44	0 25	23 22	0 28	23 1	0 6	6 44	2 38	16 10	0 41	20 15
T 10	22 55	4 36	0 24	24 15	1 4	23 48	0 27	23 26	0 29	23 1	0 6	6 44	2 38	16 9	0 41	20 15
F 11	22 59	0 10	0n51	24 29	1 13	23 51	0 30	23 30	0 29	23 0	0 6	6 44	2 38	16 9	0 41	20 15
S 12	23 3	4s16	2 2	24 41	1 21	23 53	0 32	23 33	0 30	22 59	0 5	6 43	2 37	16 8	0 41	20 14
S 13	23 7	8 28	3 6	24 49	1 28	23 55	0 34	23 37	0 30	22 58	0 5	6 43	2 37	16 7	0 40	20 14
M14	23 10	12 11	3 59	24 55	1 35	23 56	0 37	23 40	0 31	22 58	0 5	6 43	2 37	16 6	0 40	20 14
T 15	23 13	15 10	4 36	24 59	1 41	23 56	0 39	23 42	0 32	22 57	0 5	6 43	2 37	16 6	0 40	20 14
W16	23 16	17 14	4 57	24 59	1 46	23 55	0 41	23 45	0 32	22 56	0 5	6 42	2 36	16 5	0 40	20 14
T 17	23 17	18 17	5 0	24 57	1 50	23 54	0 43	23 47	0 33	22 55	0 5	6 42	2 36	16 4	0 40	20 13
F 18	23 19	18 18	4 46	24 53	1 54	23 52	0 45	23 49	0 33	22 54	0 5	6 42	2 36	16 3	0 40	20 13
S 19	23 20	17 19	4 18	24 46	1 57	23 50	0 48	23 51	0 34	22 53	0 5	6 42	2 36	16 2	0 40	20 13
S 20	23 21	15 30	3 37	24 37	1 59	23 46	0 50	23 53	0 34	22 52	0 5	6 42	2 35	16 1	0 40	20 13
M21	23 21	12 59	2 47	24 26	2 1	23 42	0 52	23 55	0 35	22 51	0 5	6 42	2 35	16 1	0 40	20 13
T 22	23 21	9 57	1 50	24 12	2 1	23 37	0 54	23 56	0 35	22 50	0 5	6 42	2 35	16 0	0 40	20 12
W23	23 21	6 33	0 48	23 57	2 1	23 32	0 56	23 57	0 36	22 49	0 4	6 42	2 35	15 59	0 40	20 12
T 24	23 20	2 56	0s14	23 41	2 0	23 26	0 58	23 58	0 36	22 48	0 4	6 42	2 34	15 58	0 40	20 12
F 25	23 18	0n48	1 16	23 22	1 59	23 19	1 0	23 58	0 37	22 47	0 4	6 43	2 34	15 57	0 40	20 12
S 26	23 17	4 30	2 15	23 2	1 56	23 12	1 2	23 58	0 37	22 46	0 4	6 43	2 34	15 56	0 40	20 12
S 27	23 15	8 5	3 9	22 41	1 53	23 3	1 3	23 59	0 38	22 45	0 4	6 43	2 34	15 55	0 40	20 11
M28	23 12	11 22	3 55	22 19	1 50	22 55	1 5	23 59	0 38	22 44	0 4	6 43	2 33	15 54	0 40	20 11
T 29	23 9	14 14	4 31	21 55	1 45	22 45	1 7	23 58	0 39	22 43	0 4	6 44	2 33	15 53	0 40	20 11
W30	23n 6	16n29	4s54	21n31	1n40	22n35	1n 9	23n58	0n39	22n42	0s 4	6s44	2n33	15n52	0n40	20s11

Julian Day Number = 2681798.5, Delta T = 22m14s  
 Ecliptic obliquity = 23°21'17", Nutation = - 0°00'03"  
 Ayanamsha: Fagan/Bradley = 33°33'30", Lahiri = 32°40'30"

## ASTRODIENST EPHEMERIS for the year 2630

JULY 2630

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 35 14	9°17'01	19°11'41	2°02'22	23°56'56	4°56'16	12°52'52	23°32'32	18°31'31	9°R31	13°11'24	19°R54	20°45'45	27°18'18	14°46'46	T 1
F 2	18 39 11	10°14'20	3°51'15	3°47'25	25°9'9	4°57'57	13°6'6	23°33'33	18°34'34	9°27'29	13°25'25	19°43'43	20°42'42	27°25'25	14°53'53	F 2
S 3	18 43 7	11°11'39	17°7'17	5°10'26	26°23'23	5°38'38	13°19'19	23°33'33	18°37'37	9°28'28	13°26'26	19°33'33	20°38'38	27°32'32	14°59'59	S 3
S 4	18 47 4	12°8'57	1°02'12	6°31'27	27°36'36	6°19'19	13°33'33	23°34'34	18°41'41	9°27'27	13°27'27	19°24'24	20°35'35	27°38'38	15°5'5	S 4
M 5	18 51 0	13°6'15	15°27'27	7°49'49	28°50'50	7°0'0	13°47'47	23°35'35	18°44'44	9°25'25	13°28'28	19°18'18	20°32'32	27°45'45	15°12'12	M 5
T 6	18 54 57	14°3'32	29°46'46	9°4'4	0°0'3	7°41'41	14°0'0	23°36'36	18°47'47	9°24'24	13°30'30	19°14'14	20°29'29	27°52'52	15°18'18	T 6
W 7	18 58 54	15°0'48	14°11'5	10°16'16	1°17'17	8°22'22	14°14'14	23°37'37	18°50'50	9°23'23	13°31'31	19°D12	20°26'26	27°58'58	15°25'25	W 7
T 8	19 2 50	15°58'04	28°21'21	11°25'25	2°30'30	9°2'2	14°28'28	23°38'38	18°53'53	9°21'21	13°32'32	19°13'13	20°23'23	28°5'5	15°31'31	T 8
F 9	19 6 47	16°55'19	12°31'31	12°31'31	3°44'44	9°43'43	14°41'41	23°39'39	18°57'57	9°20'20	13°33'33	19°R13	20°19'19	28°12'12	15°38'38	F 9
S 10	19 10 43	17°52'34	26°35'35	13°34'34	4°57'57	10°24'24	14°55'55	23°40'40	19°0'0	9°19'19	13°34'34	19°13'13	20°16'16	28°18'18	15°44'44	S 10
S 11	19 14 40	18°49'48	10°32'32	14°35'35	6°10'10	11°4'4	15°9'9	23°42'42	19°3'3	9°18'18	13°35'35	19°11'11	20°13'13	28°25'25	15°51'51	S 11
M12	19 18 36	19°47'02	24°20'20	15°32'32	7°24'24	11°45'45	15°23'23	23°43'43	19°7'7	9°17'17	13°37'37	19°7'7	20°10'10	28°32'32	15°58'58	M12
T 13	19 22 33	20°44'16	7°27'27	16°25'25	8°37'37	12°26'26	15°36'36	23°45'45	19°10'10	9°16'16	13°38'38	19°0'0	20°7'7	28°38'38	16°5'5	T 13
W14	19 26 29	21°41'29	21°27'27	17°15'15	9°50'50	13°6'6	15°50'50	23°47'47	19°13'13	9°15'15	13°39'39	18°52'52	20°4'4	28°45'45	16°11'11	W14
T 15	19 30 26	22°38'42	4°33'43	18°2'2	11°4'4	13°46'46	16°3'3	23°48'48	19°17'17	9°13'13	13°40'40	18°43'43	20°0'0	28°52'52	16°18'18	T 15
F 16	19 34 23	23°35'55	17°44'44	18°45'45	12°17'17	14°27'27	16°17'17	23°50'50	19°20'20	9°12'12	13°41'41	18°33'33	19°57'57	28°58'58	16°25'25	F 16
S 17	19 38 19	24°33'08	0°33'31	19°24'24	13°30'30	15°7'7	16°31'31	23°52'52	19°24'24	9°11'11	13°42'42	18°25'25	19°54'54	29°5'5	16°32'32	S 17
S 18	19 42 16	25°30'21	13°2'2	20°0'0	14°44'44	15°47'47	16°44'44	23°54'54	19°27'27	9°10'10	13°43'43	18°18'18	19°51'51	29°11'11	16°39'39	S 18
M19	19 46 12	26°27'34	25°19'19	20°31'31	15°57'57	16°28'28	16°58'58	23°57'57	19°30'30	9°9'9	13°44'44	18°13'13	19°48'48	29°18'18	16°46'46	M19
T 20	19 50 9	27°24'47	7°24'24	20°58'58	17°10'10	17°8'8	17°11'11	23°59'59	19°34'34	9°8'8	13°45'45	18°10'10	19°44'44	29°25'25	16°53'53	T 20
W21	19 54 5	28°22'00	19°19'19	21°21'21	18°23'23	17°48'48	17°25'25	24°1'1	19°37'37	9°7'7	13°46'46	18°D10	19°41'41	29°31'31	17°0'0	W21
T 22	19 58 2	29°19'14	1°19'8	21°39'39	19°37'37	18°28'28	17°39'39	24°4'4	19°41'41	9°7'7	13°47'47	18°10'10	19°38'38	29°38'38	17°7'7	T 22
F 23	20 1 58	0°16'28	12°56'56	21°53'53	20°50'50	19°8'8	17°52'52	24°6'6	19°45'45	9°6'6	13°48'48	18°12'12	19°35'35	29°45'45	17°14'14	F 23
S 24	20 5 55	1°13'43	24°48'48	22°2'2	22°3'3	19°48'48	18°6'6	24°9'9	19°48'48	9°5'5	13°49'49	18°13'13	19°32'32	29°51'51	17°21'21	S 24
S 25	20 9 52	2°10'58	6°34'49	22°R 6	23°16'16	20°28'28	18°19'19	24°12'12	19°52'52	9°4'4	13°50'50	18°R13	19°29'29	29°58'58	17°28'28	S 25
M26	20 13 48	3°8'14	19°4'4	22°6'6	24°29'29	21°8'8	18°32'32	24°14'14	19°55'55	9°3'3	13°51'51	18°11'11	19°25'25	0°19'5	17°35'35	M26
T 27	20 17 45	4°5'30	1°11'37	22°1'1	25°43'43	21°48'48	18°46'46	24°17'17	19°59'59	9°2'2	13°52'52	18°8'8	19°22'22	0°11'11	17°42'42	T 27
W28	20 21 41	5°2'47	14°32'32	21°51'51	26°56'56	22°28'28	18°59'59	24°20'20	20°2'2	9°2'2	13°53'53	18°4'4	19°19'19	0°18'18	17°49'49	W28
T 29	20 25 38	6°0'05	27°52'52	21°36'36	28°9'9	23°8'8	19°13'13	24°24'24	20°6'6	9°1'1	13°54'54	17°58'58	19°16'16	0°25'25	17°56'56	T 29
F 30	20 29 34	6°57'23	11°53'37	21°16'16	29°22'22	23°48'48	19°26'26	24°27'27	20°10'10	9°0'0	13°55'55	17°51'51	19°13'13	0°31'31	18°3'3	F 30
S 31	20 33 31	7°05'42	25°54'42	20°52'52	0°13'35	24°52'52	19°39'39	24°30'30	20°13'13	9°2'0	13°56'56	17°45'45	19°10'10	0°13'38	18°10'10	S 31

Day	☉	☽		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	23n 2	17n56	5s 2	21n 6	1n34	22n24	1n10	23n57	0n40	22n40	0s 4	6s44	2n33	15n51	0n40	20s11	1n38	10n10	12s15	3n59	3n39	1s36	10n34	6s 2			
F 2	22 58	18 25	4 54	20 40	1 28	22 13	1 12	23 56	0 40	22 39	0 4	6 45	2 32	15 51	0 40	20 11	1 38	10 10	12 15	4 3	3 41	1 35	10 32	6 2			
S 3	22 53	17 49	4 29	20 13	1 21	22 0	1 14	23 55	0 41	22 38	0 3	6 45	2 32	15 50	0 40	20 10	1 38	10 10	12 15	4 8	3 42	1 33	10 31	6 2			
S 4	22 48	16 8	3 46	19 46	1 13	21 48	1 15	23 54	0 41	22 37	0 3	6 46	2 32	15 49	0 40	20 10	1 38	10 10	12 15	4 11	3 43	1 31	10 29	6 1			
M 5	22 43	13 27	2 50	19 18	1 5	21 34	1 17	23 52	0 42	22 35	0 3	6 46	2 32	15 48	0 40	20 10	1 38	10 10	12 15	4 13	3 44	1 29	10 28	6 1			
T 6	22 37	9 55	1 42	18 50	0 56	21 20	1 18	23 50	0 42	22 34	0 3	6 47	2 31	15 47	0 40	20 10	1 38	10 10	12 15	4 15	3 45	1 27	10 26	6 1			
W 7	22 31	5 49	0 27	18 22	0 47	21 6	1 19	23 48	0 43	22 33	0 3	6 48	2 31	15 46	0 40	20 10	1 38	10 10	12 15	4 15	3 47	1 26	10 25	6 0			
T 8	22 24	1 24	0n49	17 53	0 37	20 51	1 21	23 46	0 43	22 31	0 3	6 48	2 31	15 45	0 40	20 10	1 38	10 10	12 15	4 15	3 48	1 24	10 23	6 0			
F 9	22 17	3s 4	2 1	17 25	0 27	20 35	1 22	23 44	0 44	22 30	0 3	6 49	2 31	15 44	0 40	20 9	1 38	10 10	12 16	4 15	3 49	1 22	10 22	5 59			
S 10	22 10	7 20	3 6	16 57	0 16	20 18	1 23	23 41	0 44	22 29	0 3	6 50	2 30	15 42	0 40	20 9	1 38	10 10	12 16	4 15	3 50	1 20	10 20	5 59			
S 11	22 2	11 9	3 59	16 28	0 4	20 1	1 24	23 38	0 45	22 27	0 3	6 50	2 30	15 41	0 40	20 9	1 38	10 10	12 16	4 16	3 52	1 18	10 19	5 59			
M12	21 54	14 18	4 37	16 0	0s 7	19 44	1 25	23 35	0 45	22 26	0 3	6 51	2 30	15 40	0 40	20 9	1 38	10 10	12 16	4 18	3 53	1 16	10 17	5 58			
T 13	21 46	16 38	5 0	15 33	0 20	19 26	1 26	23 32	0 46	22 24	0 3	6 52	2 30	15 39	0 40	20 9	1 38	10 10	12 16	4 20	3 54	1 15	10 15	5 58			
W14	21 37	18 1	5 5	15 6	0 32	19 7	1 27	23 29	0 46	22 23	0 2	6 53	2 29	15 38	0 40	20 9	1 38	10 10	12 16	4 23	3 55	1 13	10 14	5 58			
T 15	21 28	18 23	4 54	14 39	0 45	18 48	1 28	23 25	0 47	22 21	0 2	6 54	2 29	15 37	0 40	20 9	1 38	10 10	12 16	4 27	3 57	1 11	10 12	5 58			
F 16	21 18	17 46	4 27	14 13	0 59	18 29	1 29	23 21	0 47	22 20	0 2	6 55	2 29	15 36	0 40	20 9	1 38	10 10	12 16	4 31	3 58	1 9	10 10	5 57			
S 17	21 8	16 16	3 47	13 48	1 13	18 9	1 30	23 17	0 48	22 18	0 2	6 56	2 29	15 35	0 40	20 8	1 38	10 10	12 16	4 34	3 59	1 7	10 9	5 57			
S 18	20 58	14 0	2 58	13 24	1 27	17 48	1 31	23 13	0 48	22 17	0 2	6 57	2 28	15 34	0 40	20 8	1 38	10 10	12 17	4 37	4 0	1 5	10 7	5 57			
M19	20 47	11 9	2 0	13 0	1 41	17 27	1 31	23 9	0 48	22 15	0 2	6 58	2 28	15 33	0 40	20 8	1 38	10 10	12 17	4 39	4 2	1 4	10 5	5 56			
T 20	20 36	7 52	0 58	12 38	1 55	17 6	1 32	23 4	0 49	22 13	0 2	6 59	2 28	15 32	0 40	20 8	1 38	10 10	12 17	4 40	4 3	1 2	10 3	5 56			
W21	20 25	4 19	0s 6	12 17	2 10	16 44	1 32	22 59	0 49	22 12	0 2	7 0	2 28	15 31	0 40	20 8	1 38	10 10	12 17	4 40	4 4	1 0	10 1	5 56			
T 22	20 13	0 37	1 10	11 58	2 24	16 21	1 33	22 55	0 50	22 10	0 2	7 1	2 27	15 30	0 40	20 8	1 37	10 10	12 17	4 40	4 5	0 58	10 0	5 56			
F 23	20 1	3n 6	2 10	11 39	2 39	15 58	1 33	22 49	0 50	22 8	0 2	7 2	2 27	15 28	0 40	20 8	1 37	10 10	12 17	4 39	4 7	0 56	9 58	5 55			
S 24	19 49	6 42	3 5	11 23	2 53	15 35	1 33	22 44	0 51	22 7	0 2	7 3	2 27	15 27	0 40	20 8	1 37	10 10	12 17	4 39	4 8	0 54	9 56	5 55			
S 25	19 36	10 4	3 53	11 8	3 8	15 11	1 34	22 39	0 51	22 5	0 1	7 5	2 27	15 26	0 40	20 8	1 37	10 10	12 18	4 39	4 9	0 53	9 54	5 55			
M26	19 23	13 5	4 31	10 55	3 22	14 47	1 34	22 33	0 52	22 3	0 1	7 6	2 26	15 25	0 40	20 8	1 37	10 10	12 18	4 39	4 10	0 51	9 52	5 55			
T 27	19 10	15 33	4 57	10 43	3 35	14 23	1 34	22 27	0 52	22 2	0 1	7 7	2 26	15 24	0 40	20 8	1 37	10 10	12 18	4 40	4 12	0 49	9 50	5 55			
W28	18 56	17 20	5 9	10 34	3 48	13 58	1 34	22 21	0 52	22 0	0 1	7 8	2 26	15 23	0 40	20 7	1 37	10 10	12 18	4 42	4 13	0 47	9 48	5 54			
T 29	18 42	18 15	5 5	10 27	4 1	13 33	1 34	22 15	0 53	21 58	0 1	7 10	2 26	15 22	0 40	20 7	1 37	10 10	12 18	4 45	4 14	0 45	9 46	5 54			
F 30	18 28	18 8	4 44	10 22	4 13	13 7	1 34	22 8	0 53	21 56	0 1	7 11	2 25	15 20	0 40	20 7	1 37	10 10	12 18	4 47	4 15	0 43	9 45	5 54			
S 31	18n14	16n55	4s 5	10n19	4s23	12n41	1n33	22n 2	0n54	21n54	0s 1	7s13	2n25	15n19	0n40	20s 7	1n37	10n10	12s19	4n50	4n17	0s42	9n43	5s54			

## ASTRODIENST EPHEMERIS for the year 2630

AUGUST 2630

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 37 27	8♂52'01	10♂ 9	20°R24	1♂48	25♂ 8	19♂53	24♂33	20♂17	8°R59	13♂57	17°R40	19♂ 6	0°Y45	18♂18	S 1
M 2	20 41 24	9°49'21	24°47	19♂52	3° 1	25°47	20° 6	24°37	20°21	8♂58	13°57	17♂36	19° 3	0°51	18°25	M 2
T 3	20 45 21	10°46'41	9♂31	19°17	4°14	26°27	20°19	24°40	20°24	8°58	13°58	17°34	19° 0	0°58	18°32	T 3
W 4	20 49 17	11°44'02	24°13	18°39	5°28	27° 7	20°32	24°44	20°28	8°57	13°59	17°D34	18°57	1° 4	18°39	W 4
T 5	20 53 14	12°41'22	8♂48	17°58	6°41	27°46	20°45	24°48	20°32	8°57	14° 0	17°35	18°54	1°11	18°46	T 5
F 6	20 57 10	13°38'44	23°11	17°16	7°54	28°26	20°59	24°52	20°35	8°56	14° 1	17°37	18°50	1°18	18°54	F 6
S 7	21 1 7	14°36'05	7♂21	16°32	9° 7	29° 5	21°12	24°55	20°39	8°56	14° 1	17°38	18°47	1°24	19° 1	S 7
S 8	21 5 3	15°33'27	21°15	15°49	10°19	29°45	21°25	24°59	20°43	8°55	14° 2	17°R38	18°44	1°31	19° 8	S 8
M 9	21 9 0	16°30'50	4♂53	15° 5	11°32	0♂24	21°38	25° 3	20°46	8°55	14° 3	17°37	18°41	1°38	19°15	M 9
T 10	21 12 56	17°28'13	18°16	14°24	12°45	1° 4	21°51	25° 8	20°50	8°55	14° 4	17°34	18°38	1°44	19°23	T 10
W 11	21 16 53	18°25'36	1♂24	13°44	13°58	1°43	22° 3	25°12	20°54	8°54	14° 4	17°30	18°35	1°51	19°30	W 11
T 12	21 20 50	19°23'00	14°18	13° 7	15°11	2°22	22°16	25°16	20°58	8°54	14° 5	17°26	18°31	1°58	19°37	T 12
F 13	21 24 46	20°20'25	26°59	12°33	16°24	3° 2	22°29	25°20	21° 1	8°54	14° 6	17°21	18°28	2° 4	19°44	F 13
S 14	21 28 43	21°17'51	9♂27	12° 4	17°37	3°41	22°42	25°25	21° 5	8°54	14° 6	17°18	18°25	2°11	19°52	S 14
S 15	21 32 39	22°15'17	21°43	11°40	18°50	4°20	22°55	25°29	21° 9	8°53	14° 7	17°14	18°22	2°18	19°59	S 15
M 16	21 36 36	23°12'44	3♂49	11°21	20° 2	4°59	23° 7	25°34	21°12	8°53	14° 7	17°13	18°19	2°24	20° 6	M 16
T 17	21 40 32	24°10'12	15°46	11° 8	21°15	5°38	23°20	25°39	21°16	8°53	14° 8	17°D12	18°16	2°31	20°14	T 17
W 18	21 44 29	25° 7'41	27°37	11° 1	22°28	6°18	23°33	25°43	21°20	8°53	14° 9	17°12	18°12	2°38	20°21	W 18
T 19	21 48 25	26° 5'11	9°Y25	11°D 1	23°41	6°57	23°45	25°48	21°24	8°53	14° 9	17°13	18° 9	2°44	20°28	T 19
F 20	21 52 22	27° 2'43	21°13	11° 7	24°53	7°36	23°58	25°53	21°27	8°53	14°10	17°15	18° 6	2°51	20°35	F 20
S 21	21 56 19	28° 0'16	3♂ 5	11°20	26° 6	8°15	24°10	25°58	21°31	8°D53	14°10	17°16	18° 3	2°57	20°43	S 21
S 22	22 0 15	28°57'50	15° 6	11°41	27°19	8°54	24°22	26° 3	21°35	8°53	14°11	17°18	18° 0	3° 4	20°50	S 22
M 23	22 4 12	29°55'25	27°20	12° 8	28°31	9°33	24°35	26° 8	21°38	8°53	14°11	17°R18	17°56	3°11	20°57	M 23
T 24	22 8 8	0♂53'02	9♂51	12°42	29°44	10°11	24°47	26°13	21°42	8°53	14°12	17°18	17°53	3°17	21° 4	T 24
W 25	22 12 5	1°50'41	22°44	13°23	0♂56	10°50	24°59	26°18	21°46	8°53	14°12	17°17	17°50	3°24	21°12	W 25
T 26	22 16 1	2°48'21	6♂ 1	14°11	2° 9	11°29	25°11	26°23	21°49	8°53	14°12	17°16	17°47	3°31	21°19	T 26
F 27	22 19 58	3°46'02	19°46	15° 6	3°21	12° 8	25°23	26°29	21°53	8°53	14°13	17°14	17°44	3°37	21°26	F 27
S 28	22 23 54	4°43'45	3♂56	16° 7	4°34	12°47	25°35	26°34	21°57	8°54	14°13	17°12	17°41	3°44	21°33	S 28
S 29	22 27 51	5°41'29	18°30	17°15	5°46	13°26	25°47	26°40	22° 0	8°54	14°13	17°11	17°37	3°51	21°40	S 29
M 30	22 31 48	6°39'15	3♂21	18°28	6°59	14° 4	25°59	26°45	22° 4	8°54	14°14	17°10	17°34	3°57	21°48	M 30
T 31	22 35 44	7♂37'02	18♂23	19♂48	8♂11	14♂43	26♂11	26♂51	22♂ 8	8♂54	14♂14	17°D10	17♂31	4°Y 4	21♂55	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	17n59	14n35	3s10	10n19	4s33	12n15	1n33	21n55	0n54	21n53	0s 1	7s14	2n25	15n18	0n40	20s 7
M 2	17 44	11 19	2 1	10 21	4 42	11 48	1 33	21 48	0 55	21 51	0 1	7 16	2 25	15 17	0 40	20 7
T 3	17 28	7 18	0 44	10 25	4 49	11 21	1 32	21 41	0 55	21 49	0 1	7 17	2 24	15 16	0 40	20 7
W 4	17 12	2 51	0n36	10 31	4 54	10 54	1 32	21 34	0 55	21 47	0 0	7 19	2 24	15 15	0 40	20 7
T 5	16 56	1s44	1 53	10 39	4 59	10 27	1 31	21 27	0 56	21 45	0 0	7 20	2 24	15 14	0 40	20 7
F 6	16 40	6 9	3 2	10 49	5 1	9 59	1 31	21 19	0 56	21 43	0 0	7 22	2 24	15 12	0 40	20 7
S 7	16 24	10 9	3 59	11 1	5 2	9 31	1 30	21 11	0 57	21 41	0 0	7 23	2 23	15 11	0 40	20 7
S 8	16 7	13 29	4 41	11 15	5 1	9 3	1 29	21 4	0 57	21 39	0 0	7 25	2 23	15 10	0 40	20 7
M 9	15 50	16 2	5 6	11 30	4 58	8 34	1 28	20 56	0 57	21 37	0n 0	7 27	2 23	15 9	0 40	20 7
T 10	15 33	17 38	5 13	11 46	4 53	8 6	1 27	20 47	0 58	21 36	0 0	7 28	2 23	15 8	0 40	20 7
W 11	15 15	18 17	5 4	12 3	4 47	7 37	1 26	20 39	0 58	21 34	0 0	7 30	2 23	15 6	0 40	20 7
T 12	14 57	17 57	4 40	12 21	4 39	7 8	1 25	20 31	0 59	21 32	0 0	7 32	2 22	15 5	0 40	20 7
F 13	14 39	16 44	4 2	12 40	4 29	6 39	1 24	20 22	0 59	21 30	0 0	7 34	2 22	15 4	0 40	20 7
S 14	14 21	14 43	3 13	12 58	4 18	6 9	1 23	20 13	0 59	21 28	0 0	7 35	2 22	15 3	0 40	20 7
S 15	14 3	12 4	2 16	13 17	4 6	5 40	1 22	20 4	1 0	21 26	0 1	7 37	2 22	15 2	0 40	20 7
M 16	13 44	8 56	1 13	13 35	3 53	5 10	1 20	19 55	1 0	21 24	0 1	7 39	2 22	15 1	0 40	20 7
T 17	13 25	5 28	0 8	13 52	3 38	4 40	1 19	19 46	1 0	21 22	0 1	7 41	2 21	14 59	0 40	20 7
W 18	13 6	1 49	0s57	14 9	3 23	4 10	1 17	19 37	1 1	21 20	0 1	7 43	2 21	14 58	0 40	20 7
T 19	12 47	1n53	2 0	14 24	3 7	3 40	1 16	19 28	1 1	21 17	0 1	7 45	2 21	14 57	0 40	20 7
F 20	12 27	5 31	2 57	14 38	2 51	3 10	1 14	19 18	1 2	21 15	0 1	7 47	2 21	14 56	0 40	20 7
S 21	12 8	8 56	3 47	14 51	2 34	2 39	1 12	19 8	1 2	21 13	0 1	7 49	2 21	14 55	0 40	20 7
S 22	11 48	12 2	4 28	15 2	2 17	2 9	1 11	18 58	1 2	21 11	0 1	7 51	2 20	14 53	0 40	20 7
M 23	11 28	14 39	4 58	15 11	1 59	1 38	1 9	18 48	1 3	21 9	0 1	7 53	2 20	14 52	0 40	20 8
T 24	11 7	16 40	5 14	15 18	1 42	1 8	1 7	18 38	1 3	21 7	0 1	7 55	2 20	14 51	0 40	20 8
W 25	10 47	17 55	5 15	15 23	1 25	0 37	1 5	18 28	1 3	21 5	0 2	7 57	2 20	14 50	0 40	20 8
T 26	10 26	18 13	5 0	15 25	1 9	0 7	1 3	18 18	1 4	21 3	0 2	7 59	2 20	14 49	0 40	20 8
F 27	10 6	17 30	4 27	15 25	0 52	0s24	1 1	18 7	1 4	21 1	0 2	8 1	2 19	14 48	0 40	20 8
S 28	9 45	15 40	3 38	15 22	0 36	0 55	0 59	17 57	1 4	20 59	0 2	8 3	2 19	14 46	0 40	20 8
S 29	9 24	12 49	2 33	15 17	0 21	1 25	0 56	17 46	1 5	20 57	0 2	8 5	2 19	14 45	0 40	20 8
M 30	9 2	9 4	1 16	15 8	0 7	1 56	0 54	17 35	1 5	20 55	0 2	8 7	2 19	14 44	0 40	20 8
T 31	8n41	4n41	0n 7	14n57	0n 7	2s27	0n52	17n24	1n 5	20n53	0n 2	8s 9	2n19	14n43	0n40	20s 8

Julian Day Number = 2681859.5, Delta T = 22m14s

Ecliptic obliquity = 23°21'17, Nutation = - 0°00'02

Ayanamsha: Fagan/Bradley = 33°33'38, Lahiri = 32°40'38

# ASTRODIENST EPHEMERIS for the year 2630

SEPTEMBER 2630

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	22 39 41	8 <sup>h</sup> 34'50	3 <sup>h</sup> 26	21 <sup>h</sup> 12	9 <sup>h</sup> 24	15 <sup>h</sup> 22	26 <sup>h</sup> 22	26 <sup>h</sup> 56	22 <sup>h</sup> 11	8 <sup>h</sup> 55	14 <sup>h</sup> 14	17 <sup>h</sup> 10	17 <sup>h</sup> 28	4 <sup>h</sup> 11	22 <sup>h</sup> 02	W 1
T 2	22 43 37	9 <sup>h</sup> 32'39	18 <sup>h</sup> 22	22 <sup>h</sup> 42	10 <sup>h</sup> 36	16 <sup>h</sup> 00	26 <sup>h</sup> 34	27 <sup>h</sup> 02	22 <sup>h</sup> 15	8 <sup>h</sup> 55	14 <sup>h</sup> 15	17 <sup>h</sup> 11	17 <sup>h</sup> 25	4 <sup>h</sup> 17	22 <sup>h</sup> 09	T 2
F 3	22 47 34	10 <sup>h</sup> 30'30	3 <sup>h</sup> 18	24 <sup>h</sup> 16	11 <sup>h</sup> 48	16 <sup>h</sup> 39	26 <sup>h</sup> 46	27 <sup>h</sup> 08	22 <sup>h</sup> 18	8 <sup>h</sup> 56	14 <sup>h</sup> 15	17 <sup>h</sup> 12	17 <sup>h</sup> 21	4 <sup>h</sup> 24	22 <sup>h</sup> 16	F 3
S 4	22 51 30	11 <sup>h</sup> 28'21	17 <sup>h</sup> 28	25 <sup>h</sup> 55	13 <sup>h</sup> 01	17 <sup>h</sup> 17	26 <sup>h</sup> 57	27 <sup>h</sup> 14	22 <sup>h</sup> 22	8 <sup>h</sup> 56	14 <sup>h</sup> 15	17 <sup>h</sup> 12	17 <sup>h</sup> 18	4 <sup>h</sup> 31	22 <sup>h</sup> 23	S 4
S 5	22 55 27	12 <sup>h</sup> 26'14	1 <sup>h</sup> 29	27 <sup>h</sup> 37	14 <sup>h</sup> 13	17 <sup>h</sup> 56	27 <sup>h</sup> 09	27 <sup>h</sup> 20	22 <sup>h</sup> 25	8 <sup>h</sup> 56	14 <sup>h</sup> 15	17 <sup>h</sup> 12	17 <sup>h</sup> 15	4 <sup>h</sup> 37	22 <sup>h</sup> 30	S 5
M 6	22 59 23	13 <sup>h</sup> 24'08	15 <sup>h</sup> 07	29 <sup>h</sup> 23	15 <sup>h</sup> 25	18 <sup>h</sup> 34	27 <sup>h</sup> 20	27 <sup>h</sup> 25	22 <sup>h</sup> 29	8 <sup>h</sup> 57	14 <sup>h</sup> 15	17 <sup>h</sup> 12	17 <sup>h</sup> 12	4 <sup>h</sup> 44	22 <sup>h</sup> 37	M 6
T 7	23 03 20	14 <sup>h</sup> 22'04	28 <sup>h</sup> 24	1 <sup>h</sup> 11	16 <sup>h</sup> 37	19 <sup>h</sup> 13	27 <sup>h</sup> 31	27 <sup>h</sup> 31	22 <sup>h</sup> 33	8 <sup>h</sup> 57	14 <sup>h</sup> 16	17 <sup>h</sup> 12	17 <sup>h</sup> 09	4 <sup>h</sup> 51	22 <sup>h</sup> 44	T 7
W 8	23 07 17	15 <sup>h</sup> 20'00	11 <sup>h</sup> 32	3 <sup>h</sup> 02	17 <sup>h</sup> 49	19 <sup>h</sup> 51	27 <sup>h</sup> 42	27 <sup>h</sup> 37	22 <sup>h</sup> 36	8 <sup>h</sup> 58	14 <sup>h</sup> 16	17 <sup>h</sup> 12	17 <sup>h</sup> 06	4 <sup>h</sup> 57	22 <sup>h</sup> 51	W 8
T 9	23 11 13	16 <sup>h</sup> 17'58	24 <sup>h</sup> 00	4 <sup>h</sup> 55	19 <sup>h</sup> 01	20 <sup>h</sup> 29	27 <sup>h</sup> 53	27 <sup>h</sup> 44	22 <sup>h</sup> 39	8 <sup>h</sup> 59	14 <sup>h</sup> 16	17 <sup>h</sup> 12	17 <sup>h</sup> 02	5 <sup>h</sup> 04	22 <sup>h</sup> 58	T 9
F 10	23 15 10	17 <sup>h</sup> 15'57	6 <sup>h</sup> 24	6 <sup>h</sup> 50	20 <sup>h</sup> 14	21 <sup>h</sup> 08	28 <sup>h</sup> 04	27 <sup>h</sup> 50	22 <sup>h</sup> 43	8 <sup>h</sup> 59	14 <sup>h</sup> 16	17 <sup>h</sup> 12	16 <sup>h</sup> 59	5 <sup>h</sup> 10	23 <sup>h</sup> 05	F 10
S 11	23 19 06	18 <sup>h</sup> 13'57	18 <sup>h</sup> 37	8 <sup>h</sup> 45	21 <sup>h</sup> 26	21 <sup>h</sup> 46	28 <sup>h</sup> 15	27 <sup>h</sup> 56	22 <sup>h</sup> 46	9 <sup>h</sup> 00	14 <sup>h</sup> 16	17 <sup>h</sup> 12	16 <sup>h</sup> 56	5 <sup>h</sup> 17	23 <sup>h</sup> 12	S 11
S 12	23 23 03	19 <sup>h</sup> 11'59	0 <sup>h</sup> 40	10 <sup>h</sup> 41	22 <sup>h</sup> 38	22 <sup>h</sup> 24	28 <sup>h</sup> 26	28 <sup>h</sup> 02	22 <sup>h</sup> 50	9 <sup>h</sup> 01	14 <sup>h</sup> 16	17 <sup>h</sup> 12	16 <sup>h</sup> 53	5 <sup>h</sup> 24	23 <sup>h</sup> 19	S 12
M13	23 26 59	20 <sup>h</sup> 10'03	12 <sup>h</sup> 36	12 <sup>h</sup> 38	23 <sup>h</sup> 50	23 <sup>h</sup> 02	28 <sup>h</sup> 37	28 <sup>h</sup> 08	22 <sup>h</sup> 53	9 <sup>h</sup> 01	14 <sup>h</sup> 16	17 <sup>h</sup> 12	16 <sup>h</sup> 50	5 <sup>h</sup> 30	23 <sup>h</sup> 26	M13
T 14	23 30 56	21 <sup>h</sup> 08'08	24 <sup>h</sup> 28	14 <sup>h</sup> 35	25 <sup>h</sup> 02	23 <sup>h</sup> 41	28 <sup>h</sup> 48	28 <sup>h</sup> 15	22 <sup>h</sup> 57	9 <sup>h</sup> 02	14 <sup>h</sup> 16	17 <sup>h</sup> 12	16 <sup>h</sup> 47	5 <sup>h</sup> 37	23 <sup>h</sup> 33	T 14
W15	23 34 52	22 <sup>h</sup> 06'14	6 <sup>h</sup> 16	16 <sup>h</sup> 32	26 <sup>h</sup> 13	24 <sup>h</sup> 19	28 <sup>h</sup> 58	28 <sup>h</sup> 21	23 <sup>h</sup> 00	9 <sup>h</sup> 03	14 <sup>h</sup> 16	17 <sup>h</sup> 12	16 <sup>h</sup> 43	5 <sup>h</sup> 44	23 <sup>h</sup> 39	W15
T 16	23 38 49	23 <sup>h</sup> 04'22	18 <sup>h</sup> 04	18 <sup>h</sup> 29	27 <sup>h</sup> 25	24 <sup>h</sup> 57	29 <sup>h</sup> 09	28 <sup>h</sup> 27	23 <sup>h</sup> 03	9 <sup>h</sup> 04	14 <sup>h</sup> 16	17 <sup>h</sup> 11	16 <sup>h</sup> 40	5 <sup>h</sup> 50	23 <sup>h</sup> 46	T 16
F 17	23 42 45	24 <sup>h</sup> 02'33	29 <sup>h</sup> 54	20 <sup>h</sup> 25	28 <sup>h</sup> 37	25 <sup>h</sup> 35	29 <sup>h</sup> 19	28 <sup>h</sup> 34	23 <sup>h</sup> 07	9 <sup>h</sup> 05	14 <sup>h</sup> 16	17 <sup>h</sup> 11	16 <sup>h</sup> 37	5 <sup>h</sup> 57	23 <sup>h</sup> 53	F 17
S 18	23 46 42	25 <sup>h</sup> 04'45	11 <sup>h</sup> 49	22 <sup>h</sup> 21	29 <sup>h</sup> 49	26 <sup>h</sup> 13	29 <sup>h</sup> 29	28 <sup>h</sup> 40	23 <sup>h</sup> 10	9 <sup>h</sup> 05	14 <sup>h</sup> 16	17 <sup>h</sup> 10	16 <sup>h</sup> 34	6 <sup>h</sup> 04	24 <sup>h</sup> 00	S 18
S 19	23 50 39	25 <sup>h</sup> 58'59	23 <sup>h</sup> 52	24 <sup>h</sup> 16	1 <sup>h</sup> 18	26 <sup>h</sup> 51	29 <sup>h</sup> 39	28 <sup>h</sup> 47	23 <sup>h</sup> 13	9 <sup>h</sup> 06	14 <sup>h</sup> 16	17 <sup>h</sup> 09	16 <sup>h</sup> 31	6 <sup>h</sup> 10	24 <sup>h</sup> 06	S 19
M20	23 54 35	26 <sup>h</sup> 57'14	6 <sup>h</sup> 11	26 <sup>h</sup> 10	2 <sup>h</sup> 12	27 <sup>h</sup> 29	29 <sup>h</sup> 49	28 <sup>h</sup> 54	23 <sup>h</sup> 16	9 <sup>h</sup> 07	14 <sup>h</sup> 16	17 <sup>h</sup> 08	16 <sup>h</sup> 27	6 <sup>h</sup> 17	24 <sup>h</sup> 13	M20
T 21	23 58 32	27 <sup>h</sup> 55'32	18 <sup>h</sup> 37	28 <sup>h</sup> 04	3 <sup>h</sup> 24	28 <sup>h</sup> 07	29 <sup>h</sup> 59	29 <sup>h</sup> 00	23 <sup>h</sup> 20	9 <sup>h</sup> 08	14 <sup>h</sup> 16	17 <sup>h</sup> 07	16 <sup>h</sup> 24	6 <sup>h</sup> 24	24 <sup>h</sup> 19	T 21
W22	0 02 28	28 <sup>h</sup> 53'52	1 <sup>h</sup> 25	29 <sup>h</sup> 56	4 <sup>h</sup> 36	28 <sup>h</sup> 45	0 <sup>h</sup> 09	29 <sup>h</sup> 07	23 <sup>h</sup> 23	9 <sup>h</sup> 09	14 <sup>h</sup> 15	17 <sup>h</sup> 07	16 <sup>h</sup> 21	6 <sup>h</sup> 30	24 <sup>h</sup> 26	W22
T 23	0 06 25	29 <sup>h</sup> 52'15	14 <sup>h</sup> 36	1 <sup>h</sup> 48	5 <sup>h</sup> 47	29 <sup>h</sup> 23	0 <sup>h</sup> 19	29 <sup>h</sup> 14	23 <sup>h</sup> 26	9 <sup>h</sup> 10	14 <sup>h</sup> 15	17 <sup>h</sup> 07	16 <sup>h</sup> 18	6 <sup>h</sup> 37	24 <sup>h</sup> 32	T 23
F 24	0 10 21	0 <sup>h</sup> 50'39	28 <sup>h</sup> 13	3 <sup>h</sup> 38	6 <sup>h</sup> 59	0 <sup>h</sup> 11	0 <sup>h</sup> 29	29 <sup>h</sup> 20	23 <sup>h</sup> 29	9 <sup>h</sup> 11	14 <sup>h</sup> 15	17 <sup>h</sup> 08	16 <sup>h</sup> 15	6 <sup>h</sup> 44	24 <sup>h</sup> 39	F 24
S 25	0 14 18	1 <sup>h</sup> 49'05	12 <sup>h</sup> 15	5 <sup>h</sup> 27	8 <sup>h</sup> 10	0 <sup>h</sup> 38	0 <sup>h</sup> 38	29 <sup>h</sup> 27	23 <sup>h</sup> 32	9 <sup>h</sup> 12	14 <sup>h</sup> 15	17 <sup>h</sup> 09	16 <sup>h</sup> 12	6 <sup>h</sup> 50	24 <sup>h</sup> 45	S 25
S 26	0 18 14	2 <sup>h</sup> 47'33	26 <sup>h</sup> 43	7 <sup>h</sup> 16	9 <sup>h</sup> 22	1 <sup>h</sup> 16	0 <sup>h</sup> 48	29 <sup>h</sup> 34	23 <sup>h</sup> 35	9 <sup>h</sup> 14	14 <sup>h</sup> 15	17 <sup>h</sup> 10	16 <sup>h</sup> 08	6 <sup>h</sup> 57	24 <sup>h</sup> 52	S 26
M27	0 22 11	3 <sup>h</sup> 46'03	11 <sup>h</sup> 33	9 <sup>h</sup> 03	10 <sup>h</sup> 33	1 <sup>h</sup> 54	0 <sup>h</sup> 57	29 <sup>h</sup> 41	23 <sup>h</sup> 39	9 <sup>h</sup> 15	14 <sup>h</sup> 14	17 <sup>h</sup> 11	16 <sup>h</sup> 05	7 <sup>h</sup> 04	24 <sup>h</sup> 58	M27
T 28	0 26 08	4 <sup>h</sup> 44'36	26 <sup>h</sup> 38	10 <sup>h</sup> 49	11 <sup>h</sup> 45	2 <sup>h</sup> 32	1 <sup>h</sup> 06	29 <sup>h</sup> 48	23 <sup>h</sup> 42	9 <sup>h</sup> 16	14 <sup>h</sup> 14	17 <sup>h</sup> 11	16 <sup>h</sup> 02	7 <sup>h</sup> 10	25 <sup>h</sup> 04	T 28
W29	0 30 04	5 <sup>h</sup> 43'10	11 <sup>h</sup> 51	12 <sup>h</sup> 34	12 <sup>h</sup> 56	3 <sup>h</sup> 10	1 <sup>h</sup> 15	29 <sup>h</sup> 54	23 <sup>h</sup> 45	9 <sup>h</sup> 17	14 <sup>h</sup> 14	17 <sup>h</sup> 10	15 <sup>h</sup> 59	7 <sup>h</sup> 17	25 <sup>h</sup> 11	W29
T 30	0 34 01	6 <sup>h</sup> 41'46	27 <sup>h</sup> 22	14 <sup>h</sup> 18	14 <sup>h</sup> 18	3 <sup>h</sup> 11	1 <sup>h</sup> 15	30 <sup>h</sup> 01	23 <sup>h</sup> 48	9 <sup>h</sup> 18	14 <sup>h</sup> 13	17 <sup>h</sup> 09	15 <sup>h</sup> 56	7 <sup>h</sup> 24	25 <sup>h</sup> 17	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	8n19	0n 0	1n29	14n42	0n21	2s57	0n49	17n13	1n 6	20n50	0n 2	8s11	2n19	14n42	0n40	20s 8
T 2	7 58	4s38	2 45	14 25	0 33	3 28	0 47	17 21	1 6	20 48	0 2	8 14	2 18	14 41	0 40	20 8
F 3	7 36	8 55	3 48	14 5	0 44	3 58	0 44	16 51	1 7	20 46	0 2	8 16	2 18	14 40	0 40	20 9
S 4	7 14	12 34	4 36	13 42	0 55	4 29	0 42	16 40	1 7	20 44	0 3	8 18	2 18	14 38	0 40	20 9
S 5	6 52	15 23	5 6	13 16	1 4	4 59	0 39	16 28	1 7	20 42	0 3	8 20	2 18	14 37	0 40	20 9
M 6	6 30	17 16	5 18	12 47	1 13	5 29	0 36	16 17	1 8	20 40	0 3	8 23	2 18	14 36	0 40	20 9
T 7	6 8	18 9	5 12	12 16	1 20	6 0	0 34	16 5	1 8	20 38	0 3	8 25	2 18	14 35	0 40	20 9
W 8	5 46	18 3	4 50	11 42	1 27	6 30	0 31	15 53	1 8	20 36	0 3	8 27	2 17	14 34	0 40	20 9
T 9	5 23	17 3	4 15	11 6	1 32	7 0	0 28	15 42	1 8	20 34	0 3	8 29	2 17	14 33	0 40	20 9
F 10	5 1	15 15	3 28	10 29	1 37	7 29	0 25	15 30	1 9	20 32	0 3	8 32	2 17	14 32	0 40	20 10
S 11	4 38	12 47	2 32	9 49	1 41	7 59	0 22	15 18	1 9	20 30	0 3	8 34	2 17	14 31	0 40	20 10
S 12	4 16	9 47	1 31	9 8	1 43	8 29	0 19	15 5	1 9	20 27	0 3	8 36	2 17	14 29	0 40	20 10
M13	3 53	6 25	0 26	8 25	1 45	8 58	0 16	14 53	1 10	20 25	0 4	8 39	2 17	14 28	0 40	20 10
T 14	3 30	2 49	0s40	7 41	1 47	9 27	0 13	14 41	1 10	20 23	0 4	8 41	2 17	14 27	0 40	20 10
W15	3 7	0n53	1 44	6 56	1 47	9 56	0 10	14 29	1 10	20 21	0 4	8 43	2 17	14 26	0 40	20 10
T 16	2 44	4 33	2 43	6 10	1 47	10 25	0 7	14 16	1 11	20 19	0 4	8 46	2 16	14 25	0 40	20 11
F 17	2 21	8 2	3 36	5 24	1 46	10 53	0 4	14 4	1 11	20 17	0 4	8 48	2 16	14 24	0 40	20 11
S 18	1 58	11 13	4 19	4 37	1 44	11 22	0 0	13 51	1 11	20 15	0 4	8 51	2 16	14 23	0 40	20 11
S 19	1 35	13 58	4 52	3 50	1 42	11 50	0s 3	13 39	1 12	20 13	0 4	8 53	2 16	14 22	0 40	20 11
M20	1 12	16 8	5 11	3 2	1 39	12 18	0 6	13 26	1 12	20 11	0 4	8 55	2 16	14 21	0 40	20 11
T 21	0 49	17 36	5 17	2 14	1 36	12 45	0 10	13 13	1 12	20 9	0 4	8 58	2 16	14 20	0 40	20 11
W22	0 26	18 13	5 7	1 26	1 32	13 13	0 13	13 0	1 13	20 7	0 5	9 0	2 16	14 19	0 40	20 12
T 23	0 3	17 54	4 42	0 38	1 28	13 40	0 16	12 47	1 13	20 5	0 5	9 3	2 16	14 18	0 40	20 12
F 24	0s20	16 32	3 59	0s10	1 23	14 6	0 20	12 34	1 13	20 3	0 5	9 5	2 15	14 17	0 40	20 12
S 25	0 43	14 9	3 2	0 58	1 18	14 33	0 23	12 21	1 13	20 1	0 5	9 8	2 15	14 16	0 40	20 12
S 26	1 6	10 50	1 51	1 45	1 13	14 59	0 26	12 8	1 14	19 59	0 5	9 10	2 15	14 15	0 40	20 13</

# ASTRODIENST EPHEMERIS for the year 2630

OCTOBER 2630

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	0 37 57	7♌40'24	12♋0	16♊1	15♋19	4♏25	1♌33	0♏8	23♏50	9♌20	14°R13	17°R 5	15♏52	7♏30	25♏23	F 1
S 2	0 41 54	8°39'03	26°39	17°44	16°30	5° 2	1°42	0°15	23°53	9°21	14°II13	17°II 2	15°49	7°37	25°29	S 2
S 3	0 45 50	9°37'44	10♌52	19°25	17°41	5°40	1°51	0°22	23°56	9°22	14°12	17° 0	15°46	7°43	25°35	S 3
M 4	0 49 47	10°36'27	24°38	21° 5	18°52	6°18	1°59	0°29	23°59	9°24	14°12	16°58	15°43	7°50	25°41	M 4
T 5	0 53 43	11°35'12	7♌57	22°44	20° 3	6°55	2° 7	0°36	24° 2	9°25	14°11	16°D57	15°40	7°57	25°47	T 5
W 6	0 57 40	12°33'58	20°51	24°22	21°14	7°32	2°16	0°44	24° 5	9°26	14°11	16°57	15°37	8° 3	25°53	W 6
T 7	1 1 37	13°32'46	3♌24	25°59	22°25	8°10	2°24	0°51	24° 7	9°28	14°10	16°58	15°33	8°10	25°59	T 7
F 8	1 5 33	14°31'36	15°40	27°36	23°36	8°47	2°32	0°58	24°10	9°29	14°10	17° 0	15°30	8°17	26° 4	F 8
S 9	1 9 30	15°30'27	27°44	29°11	24°47	9°25	2°40	1° 5	24°13	9°31	14°10	17° 2	15°27	8°23	26°10	S 9
S 10	1 13 26	16°29'20	9♌38	0♏46	25°58	10° 2	2°47	1°12	24°15	9°32	14° 9	17° 3	15°24	8°30	26°16	S 10
M11	1 17 23	17°28'14	21°28	2°19	27° 8	10°39	2°55	1°19	24°18	9°34	14° 8	17°R 3	15°21	8°37	26°21	M11
T 12	1 21 19	18°27'11	3♏16	3°52	28°19	11°17	3° 2	1°27	24°20	9°35	14° 8	17° 2	15°18	8°43	26°27	T 12
W13	1 25 16	19°26'10	15° 5	5°24	29°30	11°54	3° 9	1°34	24°23	9°37	14° 7	16°59	15°14	8°50	26°32	W13
T 14	1 29 12	20°25'10	26°56	6°55	0♌40	12°31	3°17	1°41	24°25	9°38	14° 7	16°54	15°11	8°57	26°38	T 14
F 15	1 33 9	21°24'13	8♌52	8°25	1°51	13° 8	3°24	1°48	24°28	9°40	14° 6	16°49	15° 8	9° 3	26°43	F 15
S 16	1 37 5	22°23'18	20°55	9°55	3° 1	13°45	3°30	1°56	24°30	9°42	14° 5	16°42	15° 5	9°10	26°48	S 16
S 17	1 41 2	23°22'24	3♏6	11°23	4°11	14°22	3°37	2° 3	24°33	9°43	14° 5	16°36	15° 2	9°17	26°54	S 17
M18	1 44 59	24°21'33	15°28	12°51	5°22	14°59	3°44	2°10	24°35	9°45	14° 4	16°30	14°58	9°23	26°59	M18
T 19	1 48 55	25°20'45	28° 1	14°18	6°32	15°36	3°50	2°17	24°37	9°47	14° 3	16°25	14°55	9°30	27° 4	T 19
W20	1 52 52	26°19'58	10♌50	15°44	7°42	16°13	3°56	2°25	24°39	9°49	14° 3	16°22	14°52	9°37	27° 9	W20
T 21	1 56 48	27°19'14	23°57	17° 9	8°52	16°50	4° 2	2°32	24°41	9°50	14° 2	16°D21	14°49	9°43	27°14	T 21
F 22	2 0 45	28°18'32	7♌24	18°33	10° 2	17°27	4° 8	2°39	24°44	9°52	14° 1	16°21	14°46	9°50	27°19	F 22
S 23	2 4 41	29°17'53	21°14	19°57	11°12	18° 4	4°14	2°47	24°46	9°54	14° 1	16°22	14°43	9°57	27°23	S 23
S 24	2 8 38	0♏17'16	5♏27	21°19	12°22	18°41	4°20	2°54	24°48	9°56	14° 0	16°24	14°39	10° 3	27°28	S 24
M25	2 12 34	1°16'41	20° 3	22°40	13°32	19°18	4°25	3° 1	24°50	9°58	13°59	16°R24	14°36	10°10	27°33	M25
T 26	2 16 31	2°16'08	4♌56	24° 1	14°41	19°55	4°30	3° 9	24°52	9°59	13°58	16°22	14°33	10°17	27°37	T 26
W27	2 20 28	3°15'37	20° 2	25°20	15°51	20°31	4°36	3°16	24°53	10° 1	13°57	16°19	14°30	10°23	27°42	W27
T 28	2 24 24	4°15'08	5♏12	26°38	17° 1	21° 8	4°40	3°23	24°55	10° 3	13°57	16°13	14°27	10°30	27°46	T 28
F 29	2 28 21	5°14'42	20°14	27°54	18°10	21°45	4°45	3°31	24°57	10° 5	13°56	16° 6	14°24	10°37	27°51	F 29
S 30	2 32 17	6°14'17	5♌0	29°10	19°19	22°21	4°50	3°38	24°59	10° 7	13°55	15°58	14°20	10°43	27°55	S 30
S 31	2 36 14	7♏13'55	19♌23	0♌24	20♌29	22♏58	4♌54	3♏45	25♌1	10♌9	13°II54	15♏50	14♏17	10♏50	27♏59	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	3s 2	11s17	4n18	5s37	0n44	17s 4	0s44	11n 1	1n15	19n50	0n 6	9s23	2n15	14n10	0n41	F 1
S 2	3 25	14 32	4 56	6 22	0 37	17 28	0 47	10 34	1 15	19 48	0 6	9 25	2 15	14 9	0 41	S 2
S 3	3 48	16 49	5 14	7 6	0 30	17 51	0 51	10 34	1 16	19 46	0 6	9 28	2 15	14 8	0 41	S 3
M 4	4 11	18 3	5 13	7 50	0 24	18 15	0 54	10 21	1 16	19 45	0 6	9 30	2 15	14 7	0 41	M 4
T 5	4 34	18 13	4 54	8 33	0 17	18 37	0 58	10 7	1 16	19 43	0 6	9 33	2 15	14 6	0 41	T 5
W 6	4 57	17 26	4 22	9 16	0 10	19 0	1 1	9 54	1 16	19 41	0 6	9 35	2 14	14 5	0 41	W 6
T 7	5 20	15 48	3 38	9 58	0 3	19 21	1 5	9 40	1 17	19 40	0 6	9 38	2 14	14 5	0 41	T 7
F 8	5 42	13 28	2 44	10 39	0s 5	19 43	1 8	9 26	1 17	19 38	0 6	9 40	2 14	14 4	0 41	F 8
S 9	6 5	10 35	1 44	11 20	0 12	20 3	1 12	9 12	1 17	19 36	0 7	9 43	2 14	14 3	0 41	S 9
S 10	6 28	7 18	0 41	12 0	0 19	20 24	1 15	8 59	1 18	19 35	0 7	9 45	2 14	14 2	0 41	S 10
M11	6 50	3 45	0s24	12 39	0 26	20 44	1 19	8 45	1 18	19 33	0 7	9 48	2 14	14 1	0 41	M11
T 12	7 13	0 3	1 28	13 17	0 34	21 3	1 22	8 31	1 18	19 31	0 7	9 50	2 14	14 0	0 41	T 12
W13	7 35	3n39	2 27	13 55	0 41	21 22	1 26	8 17	1 18	19 30	0 7	9 53	2 14	14 0	0 41	W13
T 14	7 57	7 13	3 21	14 32	0 48	21 40	1 29	8 3	1 19	19 28	0 7	9 55	2 14	13 59	0 41	T 14
F 15	8 19	10 31	4 6	15 8	0 55	21 58	1 32	7 49	1 19	19 27	0 7	9 58	2 14	13 58	0 41	F 15
S 16	8 41	13 25	4 40	15 43	1 2	22 15	1 36	7 35	1 19	19 25	0 7	10 0	2 14	13 57	0 41	S 16
S 17	9 3	15 45	5 2	16 18	1 9	22 32	1 39	7 21	1 19	19 24	0 8	10 3	2 14	13 57	0 41	S 17
M18	9 25	17 25	5 11	16 51	1 16	22 48	1 42	7 7	1 20	19 23	0 8	10 5	2 14	13 56	0 41	M18
T 19	9 46	18 16	5 4	17 24	1 23	23 3	1 46	6 53	1 20	19 21	0 8	10 8	2 14	13 55	0 41	T 19
W20	10 8	18 13	4 43	17 56	1 30	23 18	1 49	6 39	1 20	19 20	0 8	10 10	2 14	13 54	0 41	W20
T 21	10 29	17 12	4 7	18 26	1 37	23 33	1 52	6 25	1 20	19 19	0 8	10 13	2 14	13 54	0 41	T 21
F 22	10 50	15 12	3 16	18 56	1 43	23 46	1 55	6 11	1 21	19 17	0 8	10 15	2 14	13 53	0 41	F 22
S 23	11 11	12 17	2 12	19 25	1 50	24 0	1 58	5 56	1 21	19 16	0 8	10 18	2 14	13 52	0 41	S 23
S 24	11 32	8 34	0 59	19 53	1 56	24 12	2 1	5 42	1 21	19 15	0 9	10 20	2 14	13 52	0 41	S 24
M25	11 53	4 14	0n20	20 20	2 2	24 24	2 4	5 28	1 21	19 14	0 9	10 23	2 14	13 51	0 41	M25
T 26	12 13	0s27	1 39	20 46	2 8	24 35	2 7	5 14	1 21	19 13	0 9	10 25	2 14	13 50	0 41	T 26
W27	12 33	5 9	2 52	21 11	2 13	24 46	2 10	5 0	1 22	19 11	0 9	10 28	2 14	13 50	0 42	W27
T 28	12 54	9 33	3 53	21 35	2 19	24 56	2 13	4 46	1 22	19 10	0 9	10 30	2 14	13 49	0 42	T 28
F 29	13 13	13 17	4 37	21 58	2 24	25 5	2 16	4 31	1 22	19 9	0 9	10 33	2 14	13 49	0 42	F 29
S 30	13 33	16 6	5 2	22 19	2 29	25 14	2 18	4 17	1 22	19 8	0 9	10 35	2 14	13 48	0 42	S 30
S 31	13s53	17s50	5n 7	22s40	2s33	25s21	2s21	4n 3	1n23	19n 8	0n 9	10s38	2n14	13n48	0n42	S 31

Julian Day Number = 2681920.5, Delta T = 22m15s  
Ecliptic obliquity = 23°21'18, Nutation = - 0°00'05  
Ayanamsha: Fagan/Bradley = 33°33'47, Lahiri = 32°40'47

## ASTRODIENST EPHEMERIS for the year 2630

NOVEMBER 2630

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	2 40 10	8♉13°34'	3♊17°	1♈36°	21♈38°	23♈34°	4♉59°	3♉53°	25♉2°	10♈11°	13°R53	15°R44	14♈14°	10♈57°	28♉3°	M 1
T 2	2 44 7	9°13'14"	16°42'	2°46'	22°47'	24°11'	5°3'	4°0'	25°4'	10°13'	13♈52°	15♈39°	14°11'	11°3'	28°7'	T 2
W 3	2 48 3	10°12'57"	29°40'	3°55'	23°56'	24°47'	5°6'	4°7'	25°5'	10°15'	13°51'	15°37'	14°8'	11°10'	28°11'	W 3
T 4	2 52 0	11°12'41"	12♈13°	5°1'	25°5'	25°24'	5°10'	4°15'	25°7'	10°17'	13°50'	15°D36°	14°4'	11°17'	28°15'	T 4
F 5	2 55 57	12°12'26"	24°28'	6°6'	26°14'	26°0'	5°14'	4°22'	25°8'	10°19'	13°50'	15°37'	14°1'	11°23'	28°19'	F 5
S 6	2 59 53	13°12'14"	6♈28°	7°7'	27°22'	26°37'	5°17'	4°29'	25°10'	10°21'	13°49'	15°38'	13°58'	11°30'	28°22'	S 6
S 7	3 3 50	14°12'03"	18°20'	8°6'	28°31'	27°13'	5°20'	4°37'	25°11'	10°23'	13°48'	15°R38°	13°55'	11°36'	28°26'	S 7
M 8	3 7 46	15°11'53"	0♈7°	9°2'	29°39'	27°49'	5°23'	4°44'	25°12'	10°25'	13°47'	15°37'	13°52'	11°43'	28°30'	M 8
T 9	3 11 43	16°11'46"	11°55'	9°54'	0♈48°	28°25'	5°26'	4°51'	25°14'	10°27'	13°46'	15°33'	13°49'	11°50'	28°33'	T 9
W10	3 15 39	17°11'40"	23°46'	10°42'	1°56'	29°1'	5°29'	4°58'	25°15'	10°29'	13°45'	15°27'	13°45'	11°56'	28°36'	W10
T 11	3 19 36	18°11'36"	5♈44°	11°26'	3°4'	29°38'	5°31'	5°6'	25°16'	10°31'	13°44'	15°18'	13°42'	12°3'	28°40'	T 11
F 12	3 23 32	19°11'34"	17°50'	12°6'	4°12'	0♈14°	5°33'	5°13'	25°17'	10°34'	13°43'	15°7'	13°39'	12°10'	28°43'	F 12
S 13	3 27 29	20°11'33"	0♈5°	12°40'	5°19'	0°50'	5°35'	5°20'	25°18'	10°36'	13°42'	14°55'	13°36'	12°16'	28°46'	S 13
S 14	3 31 26	21°11'35"	12°30'	13°8'	6°27'	1°26'	5°37'	5°27'	25°19'	10°38'	13°41'	14°43'	13°33'	12°23'	28°49'	S 14
M15	3 35 22	22°11'38"	25°6'	13°29'	7°34'	2°2'	5°39'	5°34'	25°20'	10°40'	13°40'	14°31'	13°29'	12°30'	28°52'	M15
T 16	3 39 19	23°11'44"	7♈52°	13°44'	8°42'	2°38'	5°40'	5°42'	25°21'	10°42'	13°39'	14°22'	13°26'	12°36'	28°54'	T 16
W17	3 43 15	24°11'51"	20°51'	13°R50°	9°49'	3°14'	5°42'	5°49'	25°22'	10°44'	13°38'	14°15'	13°23'	12°43'	28°57'	W17
T 18	3 47 12	25°12'01"	4♈2°	13°48'	10°56'	3°49'	5°43'	5°56'	25°22'	10°46'	13°36'	14°10'	13°20'	12°50'	29°0'	T 18
F 19	3 51 8	26°12'12"	17°28'	13°37'	12°3'	4°25'	5°43'	6°3'	25°23'	10°49'	13°35'	14°9'	13°17'	12°56'	29°2'	F 19
S 20	3 55 5	27°12'26"	1♈10°	13°16'	13°9'	5°1'	5°44'	6°10'	25°24'	10°51'	13°34'	14°D8°	13°14'	13°3'	29°4'	S 20
S 21	3 59 1	28°12'41"	15°9'	12°46'	14°16'	5°37'	5°45'	6°17'	25°24'	10°53'	13°33'	14°R8°	13°10'	13°10'	29°7'	S 21
M22	4 2 58	29°12'59"	29°26'	12°5'	15°22'	6°12'	5°45'	6°24'	25°25'	10°55'	13°32'	14°8'	13°7'	13°16'	29°9'	M22
T23	4 6 55	0♈13°18'	13♈59°	11°15'	16°28'	6°48'	5°R45°	6°31'	25°25'	10°58'	13°31'	14°5'	13°4'	13°23'	29°11'	T 23
W24	4 10 51	1°13'39"	28°44'	10°15'	17°34'	7°23'	5°45'	6°38'	25°26'	11°0'	13°30'	13°59'	13°1'	13°30'	29°13'	W24
T 25	4 14 48	2°14'03"	13♈35°	9°7'	18°40'	7°59'	5°45'	6°45'	25°26'	11°2'	13°29'	13°51'	12°58'	13°36'	29°15'	T 25
F 26	4 18 44	3°14'28"	28°24'	7°53'	19°45'	8°34'	5°44'	6°51'	25°27'	11°4'	13°28'	13°40'	12°55'	13°43'	29°17'	F 26
S 27	4 22 41	4°14'54"	13♈2°	6°34'	20°50'	9°10'	5°43'	6°58'	25°27'	11°6'	13°27'	13°28'	12°51'	13°50'	29°18'	S 27
S 28	4 26 37	5°15'23"	27°22'	5°13'	21°55'	9°45'	5°42'	7°5'	25°27'	11°9'	13°26'	13°16'	12°48'	13°56'	29°20'	S 28
M29	4 30 34	6°15'52"	11♈17°	3°52'	23°0'	10°20'	5°41'	7°12'	25°27'	11°11'	13°24'	13°6'	12°45'	14°3'	29°21'	M29
T 30	4 34 30	7♈16°23'	24♈45°	2♈35°	24♈5°	10♈56°	5♈40°	7♈19°	25♈27°	11♈13°	13♈23°	12♈57°	12♈42°	14♈10°	29♈23°	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	14s12	18s26	4n53	22s59	2s38	25s29	2s24	3n49	1n23	19n7	0n10	10s40	2n14	13n47	0n42	20s22	1n32
T 2	14 31	17 57	4 24	23 17	2 42	25 35	2 26	3 34	1 23	19 6	0 10	10 42	2 14	13 47	0 42	20 23	1 32
W 3	14 50	16 32	3 41	23 34	2 45	25 41	2 28	3 20	1 23	19 5	0 10	10 45	2 14	13 46	0 42	20 23	1 32
T 4	15 8	14 21	2 50	23 49	2 48	25 47	2 31	3 6	1 23	19 4	0 10	10 47	2 14	13 46	0 42	20 23	1 32
F 5	15 27	11 34	1 51	24 3	2 51	25 51	2 33	2 52	1 24	19 4	0 10	10 50	2 14	13 45	0 42	20 24	1 32
S 6	15 45	8 21	0 49	24 16	2 53	25 55	2 35	2 38	1 24	19 3	0 10	10 52	2 14	13 45	0 42	20 24	1 32
S 7	16 3	4 49	0s14	24 27	2 55	25 58	2 37	2 23	1 24	19 2	0 11	10 55	2 14	13 44	0 42	20 24	1 32
M 8	16 20	1 8	1 17	24 37	2 56	26 1	2 40	2 9	1 24	19 2	0 11	10 57	2 14	13 44	0 42	20 25	1 32
T 9	16 38	2n36	2 16	24 45	2 56	26 3	2 41	1 55	1 25	19 1	0 11	10 59	2 14	13 44	0 42	20 25	1 32
W10	16 55	6 16	3 9	24 52	2 56	26 4	2 43	1 41	1 25	19 1	0 11	11 2	2 14	13 43	0 42	20 25	1 32
T 11	17 11	9 42	3 54	24 57	2 54	26 4	2 45	1 27	1 25	19 0	0 11	11 4	2 14	13 43	0 42	20 26	1 32
F 12	17 28	12 46	4 29	25 0	2 52	26 4	2 47	1 13	1 25	19 0	0 11	11 6	2 14	13 43	0 42	20 26	1 32
S 13	17 44	15 20	4 53	25 2	2 49	26 3	2 48	0 59	1 25	18 59	0 11	11 9	2 14	13 42	0 42	20 26	1 32
S 14	18 0	17 13	5 2	25 1	2 45	26 1	2 50	0 45	1 26	18 59	0 12	11 11	2 14	13 42	0 42	20 27	1 32
M15	18 15	18 19	4 57	24 59	2 40	25 59	2 51	0 30	1 26	18 59	0 12	11 13	2 14	13 42	0 42	20 27	1 32
T 16	18 30	18 30	4 38	24 54	2 33	25 56	2 52	0 16	1 26	18 59	0 12	11 16	2 14	13 42	0 42	20 27	1 32
W17	18 45	17 44	4 4	24 47	2 26	25 53	2 54	0 2	1 26	18 59	0 12	11 18	2 14	13 41	0 42	20 28	1 32
T 18	19 0	16 0	3 16	24 38	2 16	25 48	2 55	0s12	1 26	18 58	0 12	11 20	2 14	13 41	0 42	20 28	1 32
F 19	19 14	13 22	2 17	24 26	2 6	25 43	2 55	0 26	1 27	18 58	0 12	11 22	2 15	13 41	0 43	20 28	1 32
S 20	19 28	9 57	1 8	24 11	1 53	25 38	2 56	0 40	1 27	18 58	0 13	11 25	2 15	13 41	0 43	20 29	1 32
S 21	19 42	5 55	0n5	23 53	1 39	25 32	2 57	0 53	1 27	18 58	0 13	11 27	2 15	13 41	0 43	20 29	1 32
M22	19 55	1 27	1 20	23 33	1 24	25 25	2 57	1 7	1 27	18 58	0 13	11 29	2 15	13 40	0 43	20 29	1 32
T23	20 8	3s10	2 31	23 9	1 7	25 17	2 58	1 21	1 27	18 59	0 13	11 31	2 15	13 40	0 43	20 29	1 32
W24	20 20	7 40	3 33	22 42	0 48	25 9	2 58	1 35	1 27	18 59	0 13	11 33	2 15	13 40	0 43	20 30	1 32
T 25	20 32	11 43	4 20	22 13	0 29	25 0	2 58	1 49	1 28	18 59	0 13	11 35	2 15	13 40	0 43	20 30	1 32
F 26	20 44	15 1	4 50	21 41	0 9	24 51	2 58	2 3	1 28	18 59	0 13	11 38	2 15	13 40	0 43	20 30	1 32
S 27	20 55	17 18	5 1	21 8	0n12	24 41	2 58	2 16	1 28	19 0	0 14	11 40	2 15	13 40	0 43	20 31	1 32
S 28	21 6	18 28	4 52	20 34	0 32	24 30	2 58	2 30	1 28	19 0	0 14	11 42	2 15	13 40	0 43	20 31	1 32
M29	21 17	18 28	4 26	20 0	0 52	24 19	2 58	2 44	1 28	19 0	0 14	11 44	2 15	13 40	0 43	20 31	1 32
T 30	21s27	17s24	3n45	19s27	1n11	24s7	2s57	2s57	1n28	19n1	0n14	11s46	2n15	13n40	0n43	20s32	1n32

Julian Day Number = 2681951.5, Delta T = 22m15s

Ecliptic obliquity = 23°21'18", Nutation = - 0°00'06"

Ayanamsha: Fagan/Bradley = 33°33'51", Lahiri = 32°40'51"



## ASTRODIENST EPHEMERIS for the year 2631

JANUARY 2631

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 40 40	9°34'02	22°31	24°32	25°4	29°9	3°R20	10°M27	25°R 2	12°24	12°R48	9°M49	11°M 0	17°Y43	29°R11	S 1
S 2	6 44 37	10°44'07	4°Y25	26° 1	25°52	29°42	3°Q14	10°31	25°Q 0	12°26	12°H47	9°50	10°57	17°50	29°Q 9	S 2
M 3	6 48 33	11°45'11	16°14	27°31	26°40	0°M15	3° 7	10°36	24°59	12°28	12°46	9°R50	10°54	17°57	29° 7	M 3
T 4	6 52 30	12°46'16	28° 4	29° 1	27°26	0°47	2°59	10°41	24°57	12°30	12°45	9°49	10°51	18° 3	29° 5	T 4
W 5	6 56 26	13°47'21	10°B 0	0°B31	28°12	1°20	2°52	10°45	24°55	12°32	12°44	9°45	10°47	18°10	29° 2	W 5
T 6	7 0 23	14°48'26	22° 8	2° 2	28°56	1°53	2°45	10°50	24°53	12°34	12°43	9°39	10°44	18°17	29° 0	T 6
F 7	7 4 20	15°49'31	4°H29	3°33	29°39	2°25	2°37	10°54	24°52	12°36	12°43	9°31	10°41	18°23	28°57	F 7
S 8	7 8 16	16°50'36	17° 8	5° 4	0°H22	2°57	2°30	10°59	24°50	12°38	12°42	9°22	10°38	18°30	28°55	S 8
S 9	7 12 13	17°51'42	0°S 4	6°36	1° 3	3°29	2°22	11° 3	24°48	12°39	12°41	9°12	10°35	18°37	28°52	S 9
M10	7 16 9	18°52'48	13°19	8° 8	1°43	4° 2	2°15	11° 7	24°46	12°41	12°40	9° 3	10°32	18°43	28°49	M10
T 11	7 20 6	19°53'53	26°49	9°40	2°21	4°34	2° 7	11°11	24°44	12°43	12°39	8°55	10°28	18°50	28°46	T 11
W12	7 24 2	20°54'59	10°Q34	11°13	2°59	5° 5	1°59	11°15	24°42	12°45	12°38	8°49	10°25	18°57	28°44	W12
T 13	7 27 59	21°56'05	24°28	12°46	3°35	5°37	1°51	11°19	24°40	12°47	12°37	8°46	10°22	19° 3	28°41	T 13
F 14	7 31 56	22°57'12	8°M29	14°19	4° 9	6° 9	1°43	11°23	24°38	12°49	12°36	8°D45	10°19	19°10	28°37	F 14
S 15	7 35 52	23°58'18	22°35	15°53	4°42	6°40	1°35	11°27	24°36	12°51	12°36	8°46	10°16	19°17	28°34	S 15
S 16	7 39 49	24°59'25	6°A43	17°27	5°14	7°12	1°27	11°30	24°34	12°52	12°35	8°47	10°13	19°23	28°31	S 16
M17	7 43 45	26° 0'32	20°52	19° 1	5°44	7°43	1°19	11°34	24°31	12°54	12°34	8°R48	10° 9	19°30	28°28	M17
T 18	7 47 42	27° 1'39	4°M59	20°36	6°12	8°14	1°11	11°37	24°29	12°56	12°33	8°48	10° 6	19°37	28°24	T 18
W19	7 51 38	28° 2'47	19° 4	22°11	6°39	8°46	1° 3	11°41	24°27	12°58	12°32	8°46	10° 3	19°43	28°21	W19
T 20	7 55 35	29° 3'54	3°A 5	23°46	7° 4	9°16	0°55	11°44	24°25	12°59	12°32	8°42	10° 0	19°50	28°17	T 20
F 21	7 59 31	0°A 5'02	17° 0	25°23	7°27	9°47	0°47	11°47	24°22	13° 1	12°31	8°37	9°57	19°57	28°14	F 21
S 22	8 3 28	1° 6'10	0°B46	26°59	7°49	10°18	0°39	11°50	24°20	13° 3	12°30	8°31	9°53	20° 3	28°10	S 22
S 23	8 7 25	2° 7'17	14°20	28°36	8° 8	10°49	0°31	11°53	24°18	13° 4	12°30	8°24	9°50	20°10	28° 6	S 23
M24	8 11 21	3° 8'25	27°39	0°A13	8°26	11°19	0°23	11°56	24°15	13° 6	12°29	8°18	9°47	20°17	28° 2	M24
T 25	8 15 18	4° 9'32	10°A43	1°51	8°41	11°49	0°15	11°59	24°13	13° 8	12°28	8°14	9°44	20°23	27°59	T 25
W26	8 19 14	5°10'38	23°29	3°29	8°54	12°19	0° 7	12° 2	24°10	13° 9	12°28	8°11	9°41	20°30	27°55	W26
T 27	8 23 11	6°11'45	5°H59	5° 8	9° 5	12°49	29°S59	12° 5	24° 8	13°11	12°27	8°D10	9°38	20°37	27°51	T 27
F 28	8 27 7	7°12'50	18°14	6°48	9°14	13°19	29°51	12° 7	24° 6	13°12	12°26	8°10	9°34	20°43	27°47	F 28
S 29	8 31 4	8°13'55	0°Y17	8°28	9°20	13°49	29°43	12°10	24° 3	13°14	12°26	8°12	9°31	20°50	27°43	S 29
S 30	8 35 0	9°14'59	12°11	10° 8	9°24	14°18	29°35	12°12	24° 1	13°15	12°25	8°14	9°28	20°57	27°38	S 30
M31	8 38 57	10°A16'02	24°Y 0	11°A49	9°R26	14°M48	29°S27	12°M14	23°Q58	13°A17	12°H25	8°M16	9°M25	21°Y 3	27°Q34	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	23s 0	4s 0	1s 8	22s57	0n17	14s 9	1s 5	9s41	1n33	19n39	0n19	12s41	2n20	13n50	0n44	20s41
S 2	22 55	0 13	2 8	23 8	0 10	13 46	0 58	9 53	1 33	19 41	0 20	12 42	2 20	13 50	0 44	20 41
M 3	22 50	3n33	3 2	23 18	0 2	13 23	0 51	10 4	1 33	19 43	0 20	12 43	2 21	13 51	0 44	20 41
T 4	22 45	7 11	3 49	23 26	0s 5	13 0	0 44	10 15	1 33	19 45	0 20	12 45	2 21	13 51	0 44	20 41
W 5	22 39	10 33	4 26	23 33	0 12	12 37	0 36	10 27	1 33	19 46	0 20	12 46	2 21	13 52	0 44	20 42
T 6	22 32	13 32	4 52	23 40	0 19	12 14	0 28	10 38	1 33	19 48	0 20	12 47	2 21	13 53	0 44	20 42
F 7	22 25	15 58	5 5	23 45	0 26	11 51	0 19	10 49	1 33	19 50	0 20	12 48	2 21	13 53	0 44	20 42
S 8	22 18	17 42	5 3	23 48	0 33	11 29	0 11	11 0	1 33	19 52	0 20	12 49	2 22	13 54	0 45	20 42
S 9	22 10	18 35	4 46	23 51	0 39	11 6	0 2	11 10	1 33	19 54	0 21	12 50	2 22	13 55	0 45	20 43
M10	22 2	18 29	4 14	23 52	0 46	10 43	0n 7	11 21	1 33	19 56	0 21	12 51	2 22	13 55	0 45	20 43
T 11	21 53	17 20	3 26	23 52	0 52	10 21	0 16	11 32	1 33	19 58	0 21	12 53	2 22	13 56	0 45	20 43
W12	21 44	15 11	2 26	23 51	0 58	9 58	0 26	11 42	1 33	19 59	0 21	12 54	2 23	13 57	0 45	20 43
T 13	21 35	12 7	1 16	23 48	1 4	9 36	0 36	11 53	1 33	20 1	0 21	12 55	2 23	13 57	0 45	20 43
F 14	21 25	8 20	0 1	23 45	1 10	9 14	0 46	12 3	1 33	20 3	0 21	12 56	2 23	13 58	0 45	20 44
S 15	21 14	4 4	1n14	23 39	1 15	8 52	0 57	12 13	1 34	20 5	0 22	12 56	2 23	13 59	0 45	20 44
S 16	21 3	0s26	2 26	23 33	1 20	8 31	1 8	12 24	1 34	20 7	0 22	12 57	2 23	14 0	0 45	20 44
M17	20 52	4 54	3 28	23 25	1 25	8 9	1 19	12 34	1 34	20 9	0 22	12 58	2 24	14 0	0 45	20 44
T 18	20 41	9 5	4 18	23 16	1 30	7 48	1 30	12 44	1 34	20 11	0 22	12 59	2 24	14 1	0 45	20 44
W19	20 29	12 44	4 52	23 6	1 35	7 28	1 42	12 53	1 34	20 13	0 22	13 0	2 24	14 2	0 45	20 45
T 20	20 16	15 39	5 9	22 54	1 39	7 7	1 54	13 3	1 34	20 15	0 22	13 1	2 24	14 3	0 45	20 45
F 21	20 4	17 38	5 7	22 40	1 43	6 48	2 6	13 13	1 34	20 16	0 22	13 1	2 25	14 3	0 45	20 45
S 22	19 51	18 34	4 47	22 26	1 47	6 28	2 18	13 22	1 34	20 18	0 22	13 2	2 25	14 4	0 45	20 45
S 23	19 37	18 25	4 12	22 10	1 50	6 9	2 31	13 32	1 34	20 20	0 23	13 3	2 25	14 5	0 45	20 45
M24	19 23	17 14	3 23	21 53	1 53	5 51	2 44	13 41	1 34	20 22	0 23	13 3	2 25	14 6	0 45	20 45
T 25	19 9	15 10	2 24	21 34	1 56	5 33	2 57	13 50	1 34	20 24	0 23	13 4	2 26	14 7	0 45	20 46
W26	18 54	12 24	1 19	21 14	1 59	5 15	3 10	14 0	1 34	20 26	0 23	13 5	2 26	14 7	0 45	20 46
T 27	18 39	9 6	0 12	20 52	2 1	4 59	3 24	14 9	1 34	20 28	0 23	13 5	2 26	14 8	0 45	20 46
F 28	18 24	5 29	0s55	20 29	2 3	4 43	3 38	14 18	1 34	20 29	0 23	13 6	2 26	14 9	0 45	20 46
S 29	18 9	1 42	1 58	20 5	2 4	4 27	3 52	14 26	1 34	20 31	0 23	13 6	2 26	14 10	0 45	20 46
S 30	17 53	2n 6	2 56	19 39	2 5	4 13	4 6	14 35	1 34	20 33	0 23	13 7	2 27	14 11	0 45	20 46
M31	17s36	5n47	3s46	19s12	2s 6	3s59	4n20	14s44	1n33	20n35	0n24	13s 7	2n27	14n12	0n45	20s47

Julian Day Number = 2682012.5, Delta T = 22m16s

Ecliptic obliquity = 23°21'17, Nutation = - 0°00'05

Ayanamsha: Fagan/Bradley = 33°33'59, Lahiri = 32°40'59

# ASTRODIENST EPHEMERIS for the year 2631

FEBRUARY 2631

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 42 53	11°17'04	5°51	13°31	9°R25	15°M17	29°R19	12°M16	23°R56	13°R18	12°R24	8°R17	9°M22	21°Y10	27°R30	T 1
W 2	8 46 50	12°18'06	17°47	15°13	9°H22	15°46	29°S12	12°18	23°S53	13°19	12°H24	8°M17	9°19	21°17	27°S26	W 2
T 3	8 50 47	13°19'06	29°53	16°55	9°16	16°15	29° 4	12°20	23°50	13°21	12°23	8°15	9°15	21°24	27°22	T 3
F 4	8 54 43	14°20'06	12°H15	18°38	9° 7	16°43	28°56	12°22	23°48	13°22	12°23	8°13	9°12	21°30	27°17	F 4
S 5	8 58 40	15°21'05	24°55	20°22	8°56	17°12	28°49	12°24	23°45	13°23	12°22	8°10	9° 9	21°37	27°13	S 5
S 6	9 2 36	16°22'02	7°S57	22° 6	8°43	17°40	28°41	12°25	23°43	13°25	12°22	8° 6	9° 6	21°44	27° 8	S 6
M 7	9 6 33	17°22'59	21°22	23°51	8°27	18° 8	28°34	12°27	23°40	13°26	12°21	8° 3	9° 3	21°50	27° 4	M 7
T 8	9 10 29	18°23'55	5°S 8	25°36	8° 8	18°36	28°27	12°28	23°37	13°27	12°21	8° 0	8°59	21°57	27° 0	T 8
W 9	9 14 26	19°24'49	19°14	27°21	7°47	19° 4	28°20	12°30	23°35	13°28	12°21	7°59	8°56	22° 4	26°55	W 9
T 10	9 18 23	20°25'43	3°M35	29° 6	7°24	19°32	28°13	12°31	23°32	13°29	12°20	7°D58	8°53	22°10	26°51	T 10
F 11	9 22 19	21°26'36	18° 5	0°H52	6°59	19°59	28° 6	12°32	23°30	13°31	12°20	7°58	8°50	22°17	26°46	F 11
S 12	9 26 16	22°27'28	2°S40	2°37	6°32	20°26	27°59	12°33	23°27	13°32	12°20	7°59	8°47	22°24	26°42	S 12
S 13	9 30 12	23°28'19	17°12	4°23	6° 2	20°53	27°53	12°34	23°24	13°33	12°19	8° 0	8°44	22°30	26°37	S 13
M14	9 34 9	24°29'10	1°M38	6° 8	5°31	21°20	27°46	12°34	23°22	13°34	12°19	8° 1	8°40	22°37	26°33	M14
T 15	9 38 5	25°29'59	15°54	7°52	4°59	21°46	27°40	12°35	23°19	13°35	12°19	8° 2	8°37	22°44	26°28	T 15
W16	9 42 2	26°30'48	29°58	9°36	4°25	22°13	27°33	12°36	23°16	13°36	12°19	8°R 2	8°34	22°50	26°24	W16
T 17	9 45 58	27°31'36	13°R48	11°18	3°50	22°39	27°27	12°36	23°14	13°37	12°19	8° 2	8°31	22°57	26°19	T 17
F 18	9 49 55	28°32'24	4°36'45	14°15	2°24	13° 0	3°14	23° 5	27°21	12°37	12°18	8° 1	8°28	23° 4	26°14	F 18
S 19	9 53 51	29°33'10	10°S46	14°39	2°37	23°30	27°15	12°37	23° 9	13°38	12°18	8° 0	8°25	23°10	26°10	S 19
S 20	9 57 48	0°H33'55	23°53	16°16	2° 0	23°56	27°10	12°37	23° 6	13°39	12°18	7°59	8°21	23°17	26° 5	S 20
M21	10 1 45	1°34'40	6°S48	17°50	1°23	24°21	27° 4	12°R37	23° 3	13°40	12°18	7°58	8°18	23°24	26° 1	M21
T 22	10 5 41	2°35'23	19°29	19°21	0°46	24°46	26°59	12°37	23° 1	13°41	12°18	7°57	8°15	23°30	25°56	T 22
W23	10 9 38	3°36'05	1°H58	20°48	0° 9	25°10	26°53	12°37	22°58	13°42	12°18	7°57	8°12	23°37	25°52	W23
T 24	10 13 34	4°36'45	14°15	22°11	29°S33	25°35	26°48	12°36	22°56	13°42	12°18	7°D57	8° 9	23°44	25°47	T 24
F 25	10 17 31	5°37'24	26°22	23°28	28°57	25°59	26°44	12°36	22°53	13°43	12°18	7°57	8° 5	23°51	25°43	F 25
S 26	10 21 27	6°38'01	8°Y20	24°40	28°23	26°22	26°39	12°36	22°51	13°44	12°D18	7°57	8° 2	23°57	25°38	S 26
S 27	10 25 24	7°38'37	20°13	25°44	27°50	26°46	26°34	12°35	22°48	13°44	12°18	7°R57	7°59	24° 4	25°34	S 27
M28	10 29 20	8°H39'12	2°S 3	26°H42	27°S18	27°M 9	26°S30	12°M34	22°S46	13°R45	12°H18	7°M57	7°M56	24°Y11	25°S30	M28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
T 1	17s20	9n14	4s26	18s43	2s 6	3s46	4n35	14s52	1n33	20n36	0n24	13s 8	2n27	14n13	0n45	T 1
W 2	17 3	12 21	4 55	18 13	2 6	3 34	4 49	15 1	1 33	20 38	0 24	13 8	2 27	14 13	0 45	W 2
T 3	16 46	14 59	5 11	17 42	2 5	3 23	5 3	15 9	1 33	20 40	0 24	13 8	2 28	14 14	0 45	T 3
F 4	16 28	17 0	5 14	17 9	2 4	3 12	5 18	15 17	1 33	20 41	0 24	13 9	2 28	14 15	0 45	F 4
S 5	16 11	18 14	5 1	16 35	2 3	3 3	5 32	15 25	1 33	20 43	0 24	13 9	2 28	14 16	0 45	S 5
S 6	15 53	18 34	4 33	16 0	2 1	2 55	5 46	15 33	1 33	20 45	0 24	13 9	2 28	14 17	0 45	S 6
M 7	15 34	17 53	3 50	15 23	1 58	2 48	6 0	15 41	1 33	20 46	0 24	13 9	2 29	14 18	0 45	M 7
T 8	15 16	16 8	2 52	14 45	1 55	2 42	6 14	15 49	1 33	20 48	0 24	13 10	2 29	14 19	0 45	T 8
W 9	14 57	13 23	1 42	14 6	1 52	2 37	6 28	15 56	1 33	20 49	0 24	13 10	2 29	14 19	0 45	W 9
T 10	14 38	9 47	0 24	13 26	1 48	2 33	6 41	16 4	1 33	20 51	0 25	13 10	2 29	14 20	0 45	T 10
F 11	14 18	5 33	0n56	12 44	1 43	2 30	6 54	16 11	1 33	20 52	0 25	13 10	2 30	14 21	0 45	F 11
S 12	13 59	0 58	2 13	12 1	1 37	2 29	7 6	16 19	1 32	20 54	0 25	13 10	2 30	14 22	0 45	S 12
S 13	13 39	3s38	3 21	11 17	1 31	2 28	7 18	16 26	1 32	20 55	0 25	13 10	2 30	14 23	0 45	S 13
M14	13 19	8 0	4 15	10 33	1 25	2 29	7 29	16 33	1 32	20 57	0 25	13 10	2 30	14 24	0 45	M14
T 15	12 59	11 51	4 54	9 47	1 17	2 31	7 40	16 40	1 32	20 58	0 25	13 10	2 31	14 25	0 45	T 15
W16	12 38	14 57	5 14	9 1	1 9	2 34	7 49	16 47	1 32	20 59	0 25	13 10	2 31	14 25	0 45	W16
T 17	12 17	17 9	5 15	8 14	1 0	2 38	7 58	16 53	1 32	21 1	0 25	13 10	2 31	14 26	0 45	T 17
F 18	11 56	18 21	4 59	7 26	0 51	2 43	8 6	17 0	1 31	21 2	0 25	13 10	2 31	14 27	0 45	F 18
S 19	11 35	18 29	4 27	6 39	0 40	2 49	8 14	17 7	1 31	21 3	0 25	13 9	2 32	14 28	0 45	S 19
S 20	11 14	17 37	3 41	5 51	0 29	2 56	8 20	17 13	1 31	21 4	0 25	13 9	2 32	14 29	0 45	S 20
M21	10 53	15 51	2 45	5 4	0 18	3 3	8 25	17 19	1 31	21 5	0 26	13 9	2 32	14 30	0 45	M21
T 22	10 31	13 20	1 41	4 17	0 5	3 12	8 30	17 26	1 31	21 6	0 26	13 9	2 32	14 31	0 45	T 22
W23	10 9	10 13	0 33	3 31	0n 8	3 21	8 33	17 32	1 30	21 7	0 26	13 8	2 33	14 31	0 45	W23
T 24	9 47	6 43	0s35	2 46	0 22	3 31	8 36	17 38	1 30	21 9	0 26	13 8	2 33	14 32	0 45	T 24
F 25	9 25	2 59	1 41	2 2	0 36	3 42	8 38	17 43	1 30	21 10	0 26	13 8	2 33	14 33	0 45	F 25
S 26	9 3	0n50	2 41	1 21	0 50	3 53	8 38	17 49	1 30	21 10	0 26	13 7	2 33	14 34	0 45	S 26
S 27	8 40	4 34	3 34	0 41	1 5	4 4	8 38	17 55	1 29	21 11	0 26	13 7	2 34	14 35	0 45	S 27
M28	8s18	8n 7	4s18	0s 5	1n21	4s16	8n36	18s 0	1n29	21n12	0n26	13s 7	2n34	14n36	0n45	M28

Julian Day Number = 2682043.5, Delta T = 22m16s  
 Ecliptic obliquity = 23°21'18, Nutation = - 0°00'05  
 Ayanamsha: Fagan/Bradley = 33°34'04, Lahiri = 32°41'04

# ASTRODIENST EPHEMERIS for the year 2631

MARCH 2631

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 33 17	9°39'44	13°53	27°31	26°R48	27°M32	26°R26	12°R33	22°R43	13°R45	12°R18	7°R57	7°M53	24°Y17	25°R25	T 1
W 2	10 37 14	10°40'15	25°48	28°12	26°R20	27°55	26°R22	12°M32	22°R41	13°46	12°18	7°M57	7°50	24°24	25°R21	W 2
T 3	10 41 10	11°40'45	7°II52	28°43	25°54	28°17	26°18	12°31	22°38	13°46	12°18	7°D57	7°46	24°31	25°17	T 3
F 4	10 45 7	12°41'12	20°10	29° 5	25°30	28°39	26°14	12°30	22°36	13°47	12°18	7°57	7°43	24°37	25°12	F 4
S 5	10 49 3	13°41'38	2°S46	29°18	25° 8	29° 1	26°11	12°29	22°33	13°47	12°18	7°57	7°40	24°44	25° 8	S 5
S 6	10 53 0	14°42'02	15°45	29°R20	24°49	29°22	26° 7	12°28	22°31	13°47	12°19	7°58	7°37	24°51	25° 4	S 6
M 7	10 56 56	15°42'23	29° 8	29°12	24°32	29°43	26° 4	12°26	22°29	13°48	12°19	7°58	7°34	24°57	25° 0	M 7
T 8	11 0 53	16°42'43	12°S57	28°54	24°17	0°R 3	26° 1	12°25	22°26	13°48	12°19	7°59	7°30	25° 4	24°56	T 8
W 9	11 4 49	17°43'02	27°11	28°27	24° 5	0°24	25°59	12°23	22°24	13°48	12°19	8° 0	7°27	25°11	24°52	W 9
T 10	11 8 46	18°43'18	11°M48	27°52	23°55	0°44	25°56	12°22	22°22	13°49	12°19	8°R 0	7°24	25°17	24°48	T 10
F 11	11 12 43	19°43'33	26°40	27° 9	23°47	1° 3	25°54	12°20	22°19	13°49	12°20	7°59	7°21	25°24	24°44	F 11
S 12	11 16 39	20°43'45	11°S41	26°19	23°43	1°22	25°52	12°18	22°17	13°49	12°20	7°58	7°18	25°31	24°40	S 12
S 13	11 20 36	21°43'57	26°41	25°24	23°D40	1°41	25°50	12°16	22°15	13°49	12°20	7°57	7°15	25°38	24°36	S 13
M14	11 24 32	22°44'06	11°M32	24°25	23°40	2° 0	25°48	12°14	22°13	13°49	12°21	7°55	7°11	25°44	24°32	M14
T 15	11 28 29	23°44'15	26° 7	23°24	23°43	2°18	25°46	12°12	22°11	13°49	12°21	7°53	7° 8	25°51	24°29	T 15
W16	11 32 25	24°44'22	10°R22	22°22	23°48	2°35	25°45	12° 9	22° 9	13°R49	12°21	7°52	7° 5	25°58	24°25	W16
T 17	11 36 22	25°44'27	24°15	21°21	23°55	2°53	25°44	12° 7	22° 7	13°49	12°22	7°D51	7° 2	26° 4	24°22	T 17
F 18	11 40 48	26°44'31	7°S45	20°21	24° 4	3° 9	25°43	12° 4	22° 5	13°49	12°22	7°52	6°59	26°11	24°18	F 18
S 19	11 44 15	27°44'33	20°55	19°25	24°16	3°26	25°42	12° 2	22° 3	13°49	12°23	7°53	6°56	26°18	24°15	S 19
S 20	11 48 11	28°44'34	3°S46	18°33	24°30	3°41	25°42	11°59	22° 1	13°49	12°23	7°54	6°52	26°24	24°11	S 20
M21	11 52 8	29°44'33	16°22	17°45	24°45	3°57	25°41	11°56	21°59	13°49	12°24	7°56	6°49	26°31	24° 8	M21
T 22	11 56 5	0°Y44'30	28°44	17° 4	25° 3	4°12	25°D41	11°54	21°57	13°49	12°24	7°57	6°46	26°38	24° 5	T 22
W23	12 0 1	1°44'26	10°R57	16°28	25°23	4°26	25°41	11°51	21°55	13°49	12°25	7°R57	6°43	26°44	24° 2	W23
T 24	12 3 58	2°44'20	23° 1	15°59	25°45	4°40	25°41	11°48	21°53	13°48	12°25	7°56	6°40	26°51	23°59	T 24
F 25	12 7 54	3°44'12	4°Y58	15°36	26° 8	4°53	25°42	11°45	21°51	13°48	12°26	7°54	6°36	26°58	23°56	F 25
S 26	12 11 51	4°44'02	16°52	15°19	26°33	5° 6	25°42	11°42	21°50	13°48	12°26	7°50	6°33	27° 4	23°53	S 26
S 27	12 15 47	5°43'50	28°42	15° 9	27° 0	5°19	25°43	11°38	21°48	13°47	12°27	7°46	6°30	27°11	23°50	S 27
M28	12 19 44	6°43'36	10°S32	15°D 5	27°28	5°30	25°44	11°35	21°46	13°47	12°28	7°40	6°27	27°18	23°47	M28
T 29	12 23 40	7°43'20	22°24	15° 8	27°58	5°42	25°45	11°32	21°45	13°47	12°28	7°35	6°24	27°25	23°45	T 29
W30	12 27 37	8°43'02	4°II21	15°16	28°30	5°52	25°47	11°28	21°43	13°46	12°29	7°30	6°21	27°31	23°42	W30
T 31	12 31 34	9°Y42'41	16°II25	15°R29	29°S 2	6°R 3	25°S48	11°M25	21°S42	13°R46	12°II30	7°M27	6°M17	27°Y38	23°S40	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	7s55	11n20	4s50	0n29	1n36	4s28	8n34	18s 6	1n29	21n13	0n26	13s 6	2n34	14n36	0n45	20s49	1n34
W 2	7 32 14	6 5 11	0 59 1 51	4 40 8 31	18 11 1 28	21 14 0 26	13 6 2 34	14 37 0 45	20 49 1 34	9 56 12 22	8 34 8 36	5 56 6 36	6 49				
T 3	7 10 16	19 5 18	1 26 2 6	4 52 8 28	18 17 1 28	21 15 0 26	13 5 2 35	14 38 0 45	20 49 1 34	9 56 12 21	8 34 8 37	5 58 6 38	6 48				
F 4	6 47 17	50 10 1 48	2 21 5 4	8 23 18 22	1 28 21 16	0 26 13 5	2 35 14 39	0 45 20 49	1 34 9 56	12 21 8 34	8 39 6 0	6 39 6 48					
S 5	6 23 18	31 4 48	2 35 5 16	8 18 18 27	1 27 21 16	0 26 13 4	2 35 14 40	0 45 20 49	1 34 9 57	12 21 8 34	8 40 6 2	6 41 6 48					
S 6	6 0 18	16 4 11	2 18 2 48	5 28 8 12	18 32 1 27	21 17 0 26	13 3 2 35	14 40 0 45	20 49 1 35	9 57 12 20	8 33 8 41	6 4 6 43	6 47				
M 7	5 37 17	0 3 20	2 26 3 0	5 39 8 5	18 36 1 27	21 18 0 26	13 3 2 36	14 41 0 45	20 49 1 35	9 57 12 20	8 33 8 42	6 6 6 44	6 47				
T 8	5 14 14	43 2 15	2 29 3 11	5 51 7 58	18 41 1 26	21 18 0 26	13 2 2 36	14 42 0 45	20 49 1 35	9 58 12 20	8 33 8 43	6 8 6 46	6 47				
W 9	4 50 11	28 1 0	2 27 3 21	6 2 7 51	18 46 1 26	21 19 0 26	13 1 2 36	14 43 0 45	20 49 1 35	9 58 12 19	8 33 8 45	6 9 6 48	6 46				
T 10	4 27 7	26 0n21	2 20 3 28	6 13 7 43	18 50 1 25	21 19 0 27	13 1 2 36	14 43 0 45	20 49 1 35	9 58 12 19	8 33 8 46	6 11 6 50	6 46				
F 11	4 3 2 53	1 42 2 8	3 34 6 23	7 34 18 55	1 25 21 20	0 27 13 0	2 36 14 44	0 45 20 49	1 35 9 59	12 19 8 33	8 47 6 13	6 51 6 45					
S 12	3 40 1s54	2 56 1 52	3 38 6 33	7 26 18 59	1 24 21 20	0 27 12 59	2 37 14 45	0 45 20 49	1 35 9 59	12 19 8 33	8 48 6 15	6 53 6 45					
S 13	3 16 6 33	3 58 1 32	3 39 6 42	7 16 19 3	1 24 21 20	0 27 12 58	2 37 14 45	0 45 20 49	1 35 9 59	12 18 8 34	8 49 6 17	6 55 6 44					
M14	2 52 10 44	4 44 1 8	3 39 6 51	7 7 19 8	1 23 21 21	0 27 12 57	2 37 14 46	0 45 20 48	1 35 10 0	12 18 8 34	8 50 6 19	6 56 6 44					
T 15	2 29 14 12	5 10 0 42	3 36 6 59	6 57 19 12	1 23 21 21	0 27 12 57	2 37 14 47	0 45 20 48	1 35 10 0	12 18 8 35	8 52 6 21	6 58 6 43					
W16	2 5 16 43	5 16 0 13	3 31 7 7	6 48 19 16	1 22 21 21	0 27 12 56	2 38 14 47	0 45 20 48	1 35 10 0	12 17 8 35	8 53 6 22	7 0 6 43					
T 17	1 41 18 11	5 4 0s17	3 24 7 14	6 38 19 19	1 22 21 22	0 27 12 55	2 38 14 48	0 45 20 48	1 35 10 0	12 17 8 36	8 54 6 24	7 1 6 42					
F 18	1 17 18 34	4 34 0 48	3 16 7 21	6 27 19 23	1 21 21 22	0 27 12 54	2 38 14 49	0 45 20 48	1 35 10 1	12 17 8 36	8 55 6 26	7 3 6 42					
S 19	0 54 17 55	3 51 1 20	3 6 7 27	6 17 19 27	1 20 21 22	0 27 12 53	2 38 14 49	0 45 20 48	1 35 10 1	12 17 8 35	8 56 6 28	7 4 6 41					
S 20	0 30 16 22	2 58 1 51	2 54 7 32	6 7 19 31	1 20 21 22	0 27 12 52	2 38 14 50	0 45 20 48	1 35 10 2	12 16 8 35	8 57 6 30	7 6 6 41					
M21	0 6 14 1	1 56 2 21	2 42 7 37	5 56 19 34	1 19 21 22	0 27 12 51	2 39 14 51	0 45 20 48	1 35 10 2	12 16 8 34	8 59 6 32	7 8 6 40					
T 22	0n18 11 5	0 51 2 49	2 28 7 41	5 46 19 37	1 18 21 22	0 27 12 50	2 39 14 51	0 45 20 48	1 35 10 2	12 16 8 34	9 0 6 33	7 9 6 40					
W23	0 41 7 41	0s16 3 16	2 14 7 44	5 35 19 41	1 18 21 22	0 27 12 49	2 39 14 52	0 45 20 48	1 35 10 3	12 15 8 33	9 1 6 35	7 11 6 39					
T 24	1 5 4 1	1 22 3 41	1 59 7 47	5 25 19 44	1 17 21 22	0 27 12 48	2 39 14 52	0 45 20 48	1 35 10 3	12 15 8 34	9 2 6 37	7 12 6 38					
F 25	1 29 0 13	2 23 4 3	1 45 7 49	5 14 19 47	1 16 21 22	0 27 12 47	2 39 14 53	0 45 20 48	1 35 10 3	12 15 8 35	9 3 6 39	7 14 6 38					
S 26	1 52 3n33	3 18 4 23	1 30 7 51	5 4 19 50	1 15 21 22	0 27 12 45	2 39 14 53	0 45 20 48	1 35 10 4	12 15 8 36	9 5 6 41	7 15 6 37					
S 27	2 16 7 11	4 3 4 41	1 15 7 52	4 54 19 53	1 15 21 22	0 27 12 44	2 40 14 54	0 45 20 48	1 36 10 4	12 14 8 38	9 6 6 43	7 17 6 37					
M28	2 40 10 31	4 38 4 56	1 0 7 52	4 43 19 56	1 14 21 22	0 27 12 43	2 40 14 54	0 45 20 48	1 36 10 4	12 14 8 40	9 7 6 45	7 18 6 36					
T 29	3 3 13 27	5 2 5 9	0 45 7 52	4 33 19 59	1 13 21 22	0 27 12 42	2 40 14 55	0 45 20 47	1 36 10 5	12 14 8 42	9 8 6 46	7 20 6 35					
W30	3 27 15 49	5 12 5 19	0 31 7 51	4 23 20 2	1 12 21 22	0 27 12 41	2 40 14 55	0 45 20 47	1 36 10 5	12 14 8 43	9 9 6 48	7 21 6 35					
T 31	3n50 17n33	5s 9 5s26	0n17 7s49	4n13 20s 4	1n11 21n21	0n27 12s40	2n40 14n56	0n45 20s47	1n36 10n 5	12s13 8n45	9n10 6n50	7n23 6s34					

Julian Day Number = 2682071.5, Delta T = 22m17s  
 Ecliptic obliquity = 23°21'18, Nutation = - 0°

# ASTRODIENST EPHEMERIS for the year 2631

APRIL 2631

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 35 30	10°42'19"	28°40'	15°48'	29°37'	6°12'	25°50'	11°R21	21°R40	13°R45	12°R30	7°R24	6°R14	27°45'	23°R37	F 1
S 2	12 39 27	11°41'54"	11°52'	16°12'	0°12'	6°21'	25°52'	11°R18	21°R39	13°R45	12°R31	7°D24	6°11'	27°51'	23°R35	S 2
S 3	12 43 23	12°41'27"	24° 3'	16°41'	0°49'	6°29'	25°54'	11°14'	21°37'	13°44'	12°32'	7°R24	6° 8'	27°58'	23°33'	S 3
M 4	12 47 20	13°40'58"	7°18'	17°14'	1°27'	6°37'	25°56'	11°10'	21°36'	13°44'	12°33'	7°25'	6° 5'	28° 5'	23°31'	M 4
T 5	12 51 16	14°40'26"	20°59'	17°51'	2° 6'	6°44'	25°59'	11° 6'	21°35'	13°43'	12°33'	7°27'	6° 1'	28°11'	23°29'	T 5
W 6	12 55 13	15°39'52"	5°19'	18°32'	2°47'	6°51'	26° 2'	11° 2'	21°34'	13°42'	12°34'	7°R28	5°58'	28°18'	23°27'	W 6
T 7	12 59 9	16°39'16"	19°45'	19°17'	3°28'	6°57'	26° 4'	10°58'	21°32'	13°42'	12°35'	7°27'	5°55'	28°25'	23°25'	T 7
F 8	13 3 6	17°38'38"	4°43'	20° 5'	4°11'	7° 2'	26° 7'	10°54'	21°31'	13°41'	12°36'	7°25'	5°52'	28°31'	23°23'	F 8
S 9	13 7 3	18°37'57"	19°55'	20°57'	4°54'	7° 7'	26°11'	10°50'	21°30'	13°40'	12°37'	7°21'	5°49'	28°38'	23°22'	S 9
S 10	13 10 59	19°37'15"	5°18'	21°51'	5°38'	7°10'	26°14'	10°46'	21°29'	13°39'	12°38'	7°15'	5°46'	28°45'	23°20'	S 10
M 11	13 14 56	20°36'31"	20°24'	22°49'	6°24'	7°14'	26°18'	10°42'	21°28'	13°39'	12°38'	7° 8'	5°42'	28°52'	23°19'	M 11
T 12	13 18 52	21°35'45"	5°19'	23°49'	7°10'	7°16'	26°21'	10°38'	21°27'	13°38'	12°39'	7° 2'	5°39'	28°58'	23°17'	T 12
W 13	13 22 49	22°34'57"	19°50'	24°53'	7°57'	7°18'	26°25'	10°34'	21°26'	13°37'	12°40'	6°57'	5°36'	29° 5'	23°16'	W 13
T 14	13 26 45	23°34'07"	3°54'	25°58'	8°45'	7°19'	26°30'	10°29'	21°25'	13°36'	12°41'	6°53'	5°33'	29°12'	23°15'	T 14
F 15	13 30 42	24°33'16"	17°30'	27° 6'	9°34'	7°R19	26°34'	10°25'	21°25'	13°35'	12°42'	6°51'	5°30'	29°18'	23°14'	F 15
S 16	13 34 38	25°32'23"	0°39'	28°17'	10°24'	7°19'	26°38'	10°21'	21°24'	13°34'	12°43'	6°D51	5°27'	29°25'	23°13'	S 16
S 17	13 38 35	26°31'29"	13°24'	29°29'	11°14'	7°18'	26°43'	10°16'	21°23'	13°33'	12°44'	6°52'	5°23'	29°32'	23°12'	S 17
M 18	13 42 32	27°30'32"	25°51'	0°44'	12° 5'	7°16'	26°48'	10°12'	21°23'	13°32'	12°45'	6°53'	5°20'	29°38'	23°12'	M 18
T 19	13 46 28	28°29'34"	8°13'	2° 1'	12°57'	7°13'	26°53'	10° 8'	21°22'	13°31'	12°46'	6°R53	5°17'	29°45'	23°11'	T 19
W 20	13 50 25	29°28'34"	20° 5'	3°19'	13°49'	7°10'	26°58'	10° 3'	21°22'	13°30'	12°47'	6°52'	5°14'	29°52'	23°11'	W 20
T 21	13 54 21	0°32'32"	2°19'	4°40'	14°42'	7° 6'	27° 3'	9°59'	21°21'	13°29'	12°48'	6°49'	5°11'	29°59'	23°10'	T 21
F 22	13 58 18	1°26'28"	13°51'	6° 3'	15°35'	7° 1'	27° 8'	9°54'	21°21'	13°28'	12°49'	6°44'	5° 7'	0° 5'	23°10'	F 22
S 23	14 2 14	2°25'23"	25°41'	7°27'	16°29'	6°55'	27°14'	9°50'	21°20'	13°27'	12°50'	6°35'	5° 4'	0°12'	23°10'	S 23
S 24	14 6 11	3°24'15"	7°32'	8°53'	17°24'	6°49'	27°20'	9°45'	21°20'	13°26'	12°51'	6°25'	5° 1'	0°19'	23°D10	S 24
M 25	14 10 7	4°23'06"	10°21'	18°19'	6°41'	6°41'	27°26'	9°40'	21°20'	13°25'	12°52'	6°14'	4°58'	0°25'	23°10'	M 25
T 26	14 14 4	5°21'54"	1°12'	11°51'	19°15'	6°33'	27°32'	9°36'	21°19'	13°24'	12°54'	6° 3'	4°55'	0°32'	23°10'	T 26
W 27	14 18 0	6°20'41"	13°22'	13°22'	20°11'	6°24'	27°38'	9°31'	21°19'	13°22'	12°55'	5°52'	4°52'	0°39'	23°10'	W 27
T 28	14 21 57	7°19'25"	25°31'	14°55'	21° 8'	6°15'	27°44'	9°27'	21°19'	13°21'	12°56'	5°43'	4°48'	0°45'	23°10'	T 28
F 29	14 25 54	8°18'08"	7°50'	16°30'	22° 5'	6° 4'	27°51'	9°22'	21°D19	13°20'	12°57'	5°37'	4°45'	0°52'	23°11'	F 29
S 30	14 29 50	9°16'48"	20°52'	18°19'	23°12'	5°53'	27°57'	9°18'	21°D19	13°19'	12°58'	5°33'	4°42'	0°59'	23°D12	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	4n13	18n30	4s51	5s31	0n 4	7s47	4n 3	20s 7	1n10	21n21	0n27	12s38	2n40	14n56	0n45	20s47
S 2	4 37	18 34	4 20	5 34	0s 9	7 44	3 53	20 10	1 9	21 21	0 27	12 37	2 41	14 57	0 45	20 47
S 3	5 0	17 42	3 35	5 35	0 22	7 40	3 43	20 12	1 8	21 20	0 27	12 36	2 41	14 57	0 45	20 47
M 4	5 23	15 51	2 37	5 33	0 34	7 36	3 33	20 14	1 7	21 20	0 27	12 35	2 41	14 57	0 45	20 47
T 5	5 46	13 3	1 29	5 29	0 45	7 31	3 23	20 17	1 6	21 19	0 27	12 33	2 41	14 58	0 44	20 47
W 6	6 9	9 24	0 13	5 23	0 56	7 26	3 14	20 19	1 5	21 19	0 27	12 32	2 41	14 58	0 44	20 47
T 7	6 31	5 4	1n 6	5 15	1 6	7 20	3 4	20 21	1 4	21 18	0 27	12 31	2 41	14 59	0 44	20 46
F 8	6 54	0 19	2 23	5 5	1 16	7 13	2 55	20 23	1 2	21 18	0 27	12 29	2 41	14 59	0 44	20 46
S 9	7 17	4s31	3 30	4 53	1 25	7 6	2 46	20 25	1 1	21 17	0 27	12 28	2 41	14 59	0 44	20 46
S 10	7 39	9 5	4 22	4 40	1 34	6 59	2 37	20 27	1 0	21 17	0 27	12 27	2 41	15 0	0 44	20 46
M 11	8 1	13 1	4 56	4 24	1 42	6 50	2 28	20 29	0 59	21 16	0 27	12 25	2 42	15 0	0 44	20 46
T 12	8 23	16 3	5 9	4 7	1 50	6 41	2 19	20 30	0 57	21 15	0 27	12 24	2 42	15 0	0 44	20 46
W 13	8 45	17 58	5 1	3 49	1 57	6 32	2 11	20 32	0 56	21 15	0 28	12 23	2 42	15 0	0 44	20 46
T 14	9 7	18 42	4 36	3 29	2 3	6 22	2 2	20 34	0 54	21 14	0 28	12 21	2 42	15 1	0 44	20 46
F 15	9 29	18 20	3 55	3 7	2 9	6 12	1 54	20 35	0 53	21 13	0 28	12 20	2 42	15 1	0 44	20 45
S 16	9 50	16 58	3 3	2 44	2 14	6 1	1 45	20 37	0 51	21 12	0 28	12 18	2 42	15 1	0 44	20 45
S 17	10 12	14 46	2 3	2 20	2 19	5 50	1 37	20 38	0 50	21 11	0 28	12 17	2 42	15 1	0 44	20 45
M 18	10 33	11 56	0 59	1 54	2 24	5 38	1 29	20 39	0 48	21 11	0 28	12 15	2 42	15 1	0 44	20 45
T 19	10 54	8 37	0s 6	1 27	2 27	5 25	1 22	20 41	0 46	21 10	0 28	12 14	2 42	15 1	0 44	20 45
W 20	11 15	5 0	1 10	0 59	2 30	5 12	1 14	20 42	0 45	21 9	0 28	12 13	2 42	15 2	0 44	20 45
T 21	11 36	1 12	2 11	0 30	2 33	4 59	1 6	20 43	0 43	21 8	0 28	12 11	2 42	15 2	0 44	20 44
F 22	11 56	2n36	3 5	0n 1	2 35	4 45	0 59	20 44	0 41	21 7	0 28	12 10	2 42	15 2	0 44	20 44
S 23	12 16	6 18	3 51	0 32	2 37	4 31	0 52	20 45	0 39	21 6	0 28	12 8	2 42	15 2	0 44	20 44
S 24	12 36	9 46	4 27	1 5	2 38	4 17	0 45	20 45	0 37	21 4	0 28	12 7	2 42	15 2	0 44	20 44
M 25	12 56	12 51	4 51	1 39	2 39	4 2	0 38	20 46	0 35	21 3	0 28	12 5	2 42	15 2	0 44	20 44
T 26	13 16	15 25	5 3	2 14	2 39	3 46	0 31	20 47	0 33	21 2	0 28	12 4	2 42	15 2	0 44	20 44
W 27	13 35	17 20	5 1	2 50	2 38	3 30	0 24	20 47	0 31	21 1	0 28	12 3	2 42	15 2	0 44	20 43
T 28	13 54	18 31	4 46	3 26	2 37	3 14	0 17	20 48	0 29	21 0	0 28	12 1	2 42	15 2	0 44	20 43
F 29	14 13	18 50	4 18	4 4	2 36	2 58	0 11	20 48	0 27	20 58	0 28	12 0	2 42	15 2	0 44	20 43
S 30	14n32	18n15	3s36	4n42	2s34	2s41	0n 5	20s48	0n25	20n57	0n28	11s58	2n42	15n 2	0n44	20s43

Julian Day Number = 2682102.5, Delta T = 22m17s  
 Ecliptic obliquity = 23°21'18", Nutation = - 0°00'08"  
 Ayanamsha: Fagan/Bradley = 33°34'12", Lahiri = 32°41'12"

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 33 47	10♌15°26	3♌10	19♑44	24♒0	5°R42	28♉4	9°R13	21♏19	13°R17	12♐59	5°R31	4♐39	1♌5	23♏12	S 1
M 2	14 37 43	11°14'01	16°19	21°24	24°58	5♌29	28°11	9♐8	21°19	13♌16	13°0	5°D31	4°36	1°12	23°13	M 2
T 3	14 41 40	12°12'35	29°51	23°5	25°57	5°16	28°18	9°4	21°20	13°15	13°2	5°R31	4°33	1°19	23°14	T 3
W 4	14 45 36	13°11'06	13♐48	24°49	26°56	5°2	28°26	8°59	21°20	13°13	13°3	5♐31	4°29	1°26	23°15	W 4
T 5	14 49 33	14°9'36	28°13	26°33	27°56	4°47	28°33	8°54	21°20	13°12	13°4	5°29	4°26	1°32	23°16	T 5
F 6	14 53 29	15°8'03	13♌1	28°20	28°56	4°32	28°40	8°50	21°20	13°11	13°5	5°25	4°23	1°39	23°17	F 6
S 7	14 57 26	16°6'28	28°8	0♌8	29°56	4°16	28°48	8°45	21°21	13°9	13°6	5°18	4°20	1°46	23°18	S 7
S 8	15 1 23	17°4'51	13♐25	1°58	0♑56	4°0	28°56	8°41	21°21	13°8	13°8	5°9	4°17	1°52	23°20	S 8
M 9	15 5 19	18°3'13	28°41	3°49	1°57	3°43	29°4	8°36	21°22	13°7	13°9	4°59	4°13	1°59	23°21	M 9
T 10	15 9 16	19°1'32	13♌44	5°43	2°58	3°25	29°12	8°32	21°22	13°5	13°10	4°49	4°10	2°6	23°23	T 10
W 11	15 13 12	19°59'51	28°25	7°38	4°0	3°7	29°20	8°27	21°23	13°4	13°11	4°39	4°7	2°12	23°25	W 11
T 12	15 17 9	20°58'07	12♉39	9°35	5°2	2°48	29°28	8°23	21°24	13°2	13°13	4°32	4°4	2°19	23°26	T 12
F 13	15 21 5	21°56'22	26°23	11°33	6°4	2°29	29°36	8°19	21°24	13°1	13°14	4°28	4°1	2°26	23°28	F 13
S 14	15 25 2	22°54'36	9♌38	13°33	7°6	2°9	29°45	8°14	21°25	12°59	13°15	4°26	3°58	2°33	23°30	S 14
S 15	15 28 58	23°52'48	22°26	15°35	8°9	1°49	29°53	8°10	21°26	12°58	13°17	4°D25	3°54	2°39	23°33	S 15
M 16	15 32 55	24°50'59	4♌53	17°38	9°12	1°29	0♏2	8°5	21°27	12°56	13°18	4°R25	3°51	2°46	23°35	M 16
T 17	15 36 52	25°49'08	17°3	19°43	10°15	1°8	0°11	8°1	21°28	12°55	13°19	4°25	3°48	2°53	23°37	T 17
W 18	15 40 48	26°47'16	29°1	21°49	11°18	0°47	0°20	7°57	21°29	12°53	13°20	4°23	3°45	2°59	23°39	W 18
T 19	15 44 45	27°45'22	10♑53	23°56	12°22	0°26	0°29	7°53	21°30	12°52	13°22	4°18	3°42	3°6	23°42	T 19
F 20	15 48 41	28°43'27	22°41	26°5	13°25	0°4	0°38	7°49	21°31	12°50	13°23	4°11	3°38	3°13	23°45	F 20
S 21	15 52 38	29°41'31	4♌31	28°14	14°29	29♐43	0°48	7°44	21°32	12°48	13°24	4°1	3°35	3°20	23°47	S 21
S 22	15 56 34	0♐39°33	16°24	0♐24	15°34	29°21	0°57	7°40	21°33	12°47	13°26	3°49	3°32	3°26	23°50	S 22
M 23	16 0 31	1°37'34	28°21	2°35	16°38	28°59	1°6	7°36	21°34	12°45	13°27	3°35	3°29	3°33	23°53	M 23
T 24	16 4 27	2°35'33	10♐26	4°46	17°43	28°37	1°16	7°32	21°36	12°44	13°28	3°21	3°26	3°40	23°56	T 24
W 25	16 8 24	3°33'31	22°37	6°57	18°48	28°15	1°26	7°29	21°37	12°42	13°30	3°8	3°23	3°46	23°59	W 25
T 26	16 12 21	4°31'27	4♌57	9°8	19°53	27°53	1°36	7°25	21°38	12°41	13°31	2°56	3°19	3°53	24°2	T 26
F 27	16 16 17	5°29'21	17°26	11°18	20°58	27°31	1°45	7°21	21°40	12°39	13°32	2°48	3°16	4°0	24°5	F 27
S 28	16 20 14	6°27'14	0♌7	13°28	22°3	27°10	1°55	7°17	21°41	12°37	13°34	2°42	3°13	4°6	24°9	S 28
S 29	16 24 10	7°25'05	13°0	15°36	23°9	26°48	2°6	7°13	21°43	12°36	13°35	2°39	3°10	4°13	24°12	S 29
M 30	16 28 7	8°22'55	26°10	17°43	24°14	26°27	2°16	7°10	21°44	12°34	13°37	2°38	3°7	4°20	24°16	M 30
T 31	16 32 3	9°12'04	9♐39	19♐48	25°♀20	26♌6	2♌26	7♌6	21♌46	12♌32	13♐38	2♐38	3♐4	4♌27	24♌20	T 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈			
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat		
S 1	14n51	16n44	2s43	5n22	2s31	2s24	0s 1	20s48	0n23	20n56	0n28	11s57	2n42	15n 2	0n44	20s43	1n37	10n15	12s 6	9n27	9n46	7n47	7n53	6s11
M 2	15 9	14 18	1 41	6 2	2 28	2 6	0 7	20 48	0 21	20 54	0 28	11 55	2 42	15 2	0 44	20 43	1 37	10 16	12 6	9 27	9 48	7 49	7 53	6 10
T 3	15 27	11 1	0 30	6 42	2 25	1 48	0 13	20 48	0 18	20 53	0 28	11 54	2 42	15 2	0 44	20 42	1 37	10 16	12 6	9 27	9 49	7 51	7 54	6 10
W 4	15 44	7 1	0n44	7 24	2 20	1 30	0 19	20 48	0 16	20 52	0 28	11 53	2 42	15 2	0 44	20 42	1 37	10 16	12 6	9 27	9 50	7 53	7 54	6 9
T 5	16 2	2 30	1 58	8 6	2 16	1 12	0 24	20 48	0 14	20 50	0 28	11 51	2 42	15 2	0 43	20 42	1 37	10 17	12 6	9 28	9 51	7 54	7 55	6 8
F 6	16 19	2s17	3 5	8 48	2 11	0 53	0 30	20 47	0 11	20 49	0 28	11 50	2 42	15 1	0 43	20 42	1 37	10 17	12 6	9 30	9 52	7 56	7 55	6 7
S 7	16 36	7 1	4 1	9 31	2 5	0 34	0 35	20 47	0 9	20 47	0 28	11 48	2 42	15 1	0 43	20 42	1 37	10 17	12 6	9 32	9 53	7 58	7 55	6 7
S 8	16 53	11 21	4 41	10 15	1 59	0 15	0 40	20 46	0 6	20 45	0 28	11 47	2 42	15 1	0 43	20 41	1 37	10 18	12 5	9 35	9 54	8 0	7 56	6 6
M 9	17 9	14 55	5 0	10 59	1 53	0n 5	0 45	20 46	0 4	20 44	0 28	11 46	2 42	15 1	0 43	20 41	1 37	10 18	12 5	9 39	9 56	8 2	7 56	6 5
T 10	17 25	17 26	4 58	11 43	1 46	0 25	0 50	20 45	0 1	20 42	0 28	11 44	2 42	15 1	0 43	20 41	1 37	10 18	12 5	9 43	9 57	8 4	7 56	6 4
W11	17 41	18 44	4 37	12 27	1 38	0 45	0 55	20 44	0s 2	20 41	0 28	11 43	2 42	15 0	0 43	20 41	1 37	10 18	12 5	9 46	9 58	8 5	7 56	6 3
T 12	17 56	18 48	3 58	13 12	1 30	1 5	0 59	20 43	0 4	20 39	0 28	11 42	2 42	15 0	0 43	20 41	1 37	10 19	12 5	9 49	9 59	8 7	7 56	6 3
F 13	18 11	17 44	3 7	13 57	1 22	1 25	1 4	20 42	0 7	20 37	0 28	11 40	2 42	15 0	0 43	20 40	1 37	10 19	12 5	9 50	10 0	8 9	7 57	6 2
S 14	18 26	15 44	2 7	14 41	1 13	1 46	1 8	20 41	0 10	20 35	0 28	11 39	2 42	15 0	0 43	20 40	1 37	10 19	12 5	9 51	10 1	8 11	7 57	6 1
S 15	18 41	12 59	1 3	15 25	1 4	2 7	1 12	20 39	0 12	20 34	0 28	11 38	2 42	14 59	0 43	20 40	1 37	10 19	12 4	9 51	10 2	8 13	7 57	6 0
M16	18 55	9 44	0s 2	16 9	0 55	2 28	1 16	20 38	0 15	20 32	0 28	11 36	2 41	14 59	0 43	20 40	1 37	10 20	12 4	9 51	10 4	8 14	7 57	6 0
T 17	19 9	6 7	1 6	16 53	0 45	2 49	1 20	20 36	0 18	20 30	0 28	11 35	2 41	14 59	0 43	20 40	1 37	10 20	12 4	9 51	10 5	8 16	7 57	5 59
W18	19 22	2 19	2 6	17 36	0 35	3 10	1 24	20 35	0 21	20 28	0 28	11 34	2 41	14 58	0 43	20 39	1 37	10 20	12 4	9 52	10 6	8 18	7 57	5 58
T 19	19 35	1n32	3 0	18 17	0 25	3 32	1 27	20 33	0 23	20 26	0 28	11 33	2 41	14 58	0 43	20 39	1 37	10 20	12 4	9 54	10 7	8 20	7 56	5 57
F 20	19 48	5 18	3 46	18 58	0 14	3 53	1 31	20 31	0 26	20 24	0 28	11 31	2 41	14 58	0 43	20 39	1 37	10 21	12 4	9 57	10 8	8 22	7 56	5 57
S 21	20 1	8 52	4 22	19 38	0 4	4 15	1 34	20 29	0 29	20 22	0 28	11 30	2 41	14 57	0 43	20 39	1 37	10 21	12 4	10 0	10 9	8 24	7 56	5 56
S 22	20 13	12 6	4 46	20 16	0n 7	4 36	1 37	20 27	0 32	20 20	0 28	11 29	2 41	14 57	0 43	20 39	1 37	10 21	12 4	10 5	10 11	8 25	7 56	5 55
M23	20 25	14 52	4 58	20 53	0 17	4 58	1 40	20 25	0 35	20 18	0 28	11 28	2 41	14 56	0 43	20 38	1 37	10 21	12 4	10 10	10 12	8 27	7 56	5 54
T 24	20 36	17 2	4 57	21 28	0 28	5 20	1 43	20 23	0 37	20 16	0 28	11 27	2 41	14 56	0 43	20 38	1 37	10 22	12 4	10 15	10 13	8 29	7 56	5 54
W25	20 47	18 27	4 43	22 1	0 38	5 42	1 46	20 21	0 40	20 14	0 28	11 26	2 40	14 55	0 43	20 38	1 37	10 22	12 3	10 19	10 14	8 31	7 55	5 53
T 26	20 58	19 1	4 15	22 32	0 48	6 4	1 49	20 19	0 43	20 12	0 28	11 25	2 40	14 55	0 43	20 38	1 37	10 22	12 3	10 23	10 15	8 33	7 55	5 52
F 27	21 9	18 41	3 34	23 0	0 57	6 26	1 51	20 17	0 46	20 10	0 28	11 23	2 40	14 55	0 43	20 38	1 37	10 22	12 3	10 27	10 16	8 34	7 55	5 51
S 28	21 19	17 24	2 43	23 26	1 7	6 48	1 54	20 15	0 49	20 7	0 28	11 22	2 40	14 54	0 43	20 37	1 37	10 23	12 3	10 29	10 17	8 36	7 54	5 51
S 29	21 28	15 13	1 42	23 50	1 16	7 10	1 56	20 12	0 51	20 5	0 28	11 21	2 40	14 53	0 43	20 37	1 37	10 23	12 3	10 30	10 19	8 38	7 54	5 50
M30	21 38	12 13	0 34	24 11	1 24	7 32	1 58	20 10	0 54	20 3	0 28	11 20	2 40	14 53	0 43	20 37	1 37	10 23	12 3	10 30	10 20	8 40	7 53	5 49
T 31	21n46	8n30	0n37	24n29	1n32	7n54	2s 0	20s 8	0s57	20n 1	0n28	11s19	2n39	14n52	0n43	20s37	1n37	10n23	12s 3	10n30	10n21	8n42	7n53	5s49

# ASTRODIENST EPHEMERIS for the year 2631

JUNE 2631

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	16 36 0	10II18'29	23II28	21II51	26Y26	25°R46	2Ω36	7°R 3	21Ω48	12°R31	13II39	2°R38	3II0	4Ω33	24Ω23	W 1
T 2	16 39 56	11°16'13	7Ω40	23°53	27°32	25II26	2°47	6II59	21°49	12°R29	13°41	2II36	2°57	4°40	24°27	T 2
F 3	16 43 56	12°13'56	22°12	25°52	28°39	25° 6	2°57	6°56	21°51	12°28	13°42	2°32	2°54	4°47	24°31	F 3
S 4	16 47 50	13°11'38	7II1	27°49	29°45	24°47	3° 8	6°53	21°53	12°26	13°43	2°25	2°51	4°53	24°35	S 4
S 5	16 51 46	14° 9'18	22° 2	29°43	0Ω52	24°28	3°19	6°50	21°55	12°24	13°45	2°16	2°48	5° 0	24°39	S 5
M 6	16 55 43	15° 6'56	7Ω4	1Ω34	1°58	24°10	3°30	6°47	21°57	12°23	13°46	2° 5	2°44	5° 7	24°43	M 6
T 7	16 59 39	16° 4'34	21°59	3°23	3° 5	23°52	3°40	6°44	21°59	12°21	13°47	1°55	2°41	5°14	24°47	T 7
W 8	17 3 36	17° 2'10	6Ω37	5° 9	4°12	23°35	3°51	6°41	22° 1	12°19	13°49	1°45	2°38	5°20	24°52	W 8
T 9	17 7 32	17°59'45	20°51	6°53	5°19	23°19	4° 2	6°38	22° 3	12°18	13°50	1°38	2°35	5°27	24°56	T 9
F 10	17 11 29	18°57'20	4Ω38	8°33	6°27	23° 3	4°14	6°35	22° 5	12°16	13°51	1°33	2°32	5°34	25° 1	F 10
S 11	17 15 25	19°54'53	17°56	10°10	7°34	22°48	4°25	6°32	22° 7	12°15	13°53	1°30	2°29	5°40	25° 5	S 11
S 12	17 19 22	20°52'26	0Ω49	11°45	8°41	22°33	4°36	6°30	22° 9	12°13	13°54	1°D29	2°25	5°47	25°10	S 12
M13	17 23 19	21°49'57	13°19	13°17	9°49	22°20	4°47	6°27	22°11	12°11	13°56	1°30	2°22	5°54	25°15	M13
T 14	17 27 15	22°47'28	25°31	14°45	10°57	22° 7	4°59	6°25	22°14	12°10	13°57	1°R30	2°19	6° 0	25°19	T 14
W15	17 31 12	23°44'59	7Y31	16°11	12° 5	21°54	5°10	6°22	22°16	12° 8	13°58	1°29	2°16	6° 7	25°24	W15
T 16	17 35 8	24°42'28	19°23	17°33	13°13	21°43	5°22	6°20	22°18	12° 7	14° 0	1°26	2°13	6°14	25°29	T 16
F 17	17 39 5	25°39'57	1Ω13	18°53	14°21	21°32	5°33	6°18	22°21	12° 5	14° 1	1°21	2°10	6°21	25°34	F 17
S 18	17 43 1	26°37'25	13° 5	20° 9	15°29	21°22	5°45	6°16	22°23	12° 4	14° 2	1°13	2° 6	6°27	25°39	S 18
S 19	17 46 58	27°34'53	25° 2	21°22	16°37	21°13	5°57	6°13	22°26	12° 2	14° 4	1° 3	2° 3	6°34	25°45	S 19
M20	17 50 54	28°32'19	7II6	22°32	17°45	21° 4	6° 8	6°12	22°28	12° 0	14° 5	0°52	2° 0	6°41	25°50	M20
T 21	17 54 51	29°29'46	19°20	23°38	18°54	20°57	6°20	6°10	22°31	11°59	14° 6	0°41	1°57	6°47	25°55	T 21
W22	17 58 48	0Ω27'11	1Ω44	24°41	20° 2	20°50	6°32	6° 8	22°33	11°57	14° 8	0°30	1°54	6°54	26° 0	W22
T 23	18 2 44	1°24'36	14°18	25°41	21°11	20°44	6°44	6° 6	22°36	11°56	14° 9	0°21	1°50	7° 1	26° 6	T 23
F 24	18 6 41	2°21'59	27° 4	26°37	22°20	20°39	6°56	6° 5	22°39	11°54	14°10	0°15	1°47	7° 8	26°11	F 24
S 25	18 10 37	3°19'22	10Ω2	27°29	23°28	20°35	7° 8	6° 3	22°41	11°53	14°11	0°10	1°44	7°14	26°17	S 25
S 26	18 14 34	4°16'45	23°11	28°18	24°37	20°32	7°20	6° 2	22°44	11°51	14°13	0° 9	1°41	7°21	26°23	S 26
M27	18 18 30	5°14'06	6II33	29° 3	25°46	20°29	7°33	6° 1	22°47	11°50	14°14	0°D 8	1°38	7°28	26°28	M27
T 28	18 22 27	6°11'26	20° 9	29°44	26°55	20°27	7°45	5°59	22°50	11°48	14°15	0° 9	1°35	7°34	26°34	T 28
W29	18 26 23	7° 8'46	3Ω58	0Ω21	28° 4	20°26	7°57	5°58	22°52	11°47	14°17	0°R10	1°31	7°41	26°40	W29
T 30	18 30 20	8Ω6'04	18Ω3	0Ω54	29Ω13	20°D26	8Ω10	5II57	22Ω55	11Ω46	14II18	0II10	1II28	7Ω48	26Ω46	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	21n55	4n14	1n48	24n45	1n39	8n16	2s 2	20s 6	0s59	19n58	0n29	11s18	2n39	14n52	0n43	20s36
T 2	22 3	0s22	2 54	24 58	1 45	8 38	2 4	20 3	1 2	19 56	0 29	11 18	2 39	14 51	0 43	20 36
F 3	22 11	5 3	3 50	25 8	1 51	9 0	2 6	20 1	1 5	19 54	0 29	11 17	2 39	14 51	0 42	20 36
S 4	22 18	9 31	4 32	25 16	1 56	9 21	2 7	19 59	1 7	19 51	0 29	11 16	2 39	14 50	0 42	20 36
S 5	22 25	13 26	4 56	25 22	2 0	9 43	2 9	19 57	1 10	19 49	0 29	11 15	2 39	14 49	0 42	20 36
M 6	22 32	16 29	5 0	25 24	2 4	10 5	2 10	19 55	1 12	19 46	0 29	11 14	2 38	14 49	0 42	20 35
T 7	22 38	18 24	4 43	25 25	2 6	10 26	2 11	19 53	1 15	19 44	0 29	11 13	2 38	14 48	0 42	20 35
W 8	22 44	19 4	4 8	25 23	2 8	10 48	2 12	19 51	1 17	19 41	0 29	11 12	2 38	14 47	0 42	20 35
T 9	22 49	18 29	3 18	25 20	2 9	11 9	2 13	19 49	1 19	19 39	0 29	11 12	2 38	14 47	0 42	20 35
F 10	22 54	16 49	2 17	25 14	2 10	11 30	2 14	19 47	1 22	19 36	0 29	11 11	2 37	14 46	0 42	20 35
S 11	22 58	14 16	1 11	25 7	2 9	11 51	2 15	19 46	1 24	19 33	0 29	11 10	2 37	14 45	0 42	20 34
S 12	23 3	11 5	0 4	24 57	2 8	12 12	2 16	19 44	1 26	19 31	0 29	11 10	2 37	14 45	0 42	20 34
M13	23 6	7 30	1s 2	24 46	2 5	12 33	2 16	19 43	1 28	19 28	0 29	11 9	2 37	14 44	0 42	20 34
T 14	23 10	3 41	2 4	24 34	2 2	12 54	2 17	19 41	1 31	19 25	0 29	11 9	2 37	14 43	0 42	20 34
W15	23 12	0n13	2 59	24 21	1 59	13 14	2 17	19 40	1 33	19 23	0 29	11 8	2 36	14 42	0 42	20 34
T 16	23 15	4 4	3 46	24 6	1 54	13 34	2 17	19 39	1 35	19 20	0 29	11 7	2 36	14 41	0 42	20 34
F 17	23 17	7 45	4 23	23 50	1 49	13 54	2 17	19 38	1 37	19 17	0 29	11 7	2 36	14 41	0 42	20 33
S 18	23 19	11 7	4 48	23 33	1 43	14 14	2 17	19 38	1 39	19 14	0 29	11 6	2 36	14 40	0 42	20 33
S 19	23 20	14 4	5 1	23 15	1 36	14 33	2 17	19 37	1 40	19 11	0 29	11 6	2 35	14 39	0 42	20 33
M20	23 21	16 28	5 1	22 56	1 28	14 52	2 17	19 36	1 42	19 9	0 29	11 6	2 35	14 38	0 42	20 33
T 21	23 21	18 9	4 47	22 37	1 20	15 11	2 17	19 36	1 44	19 6	0 29	11 5	2 35	14 37	0 42	20 33
W22	23 21	19 1	4 20	22 17	1 11	15 30	2 16	19 36	1 46	19 3	0 29	11 5	2 35	14 36	0 42	20 32
T 23	23 21	18 57	3 39	21 56	1 2	15 48	2 16	19 36	1 48	19 0	0 29	11 5	2 35	14 36	0 42	20 32
F 24	23 20	17 56	2 47	21 36	0 51	16 7	2 15	19 36	1 49	18 57	0 29	11 4	2 34	14 35	0 42	20 32
S 25	23 19	15 58	1 46	21 15	0 40	16 24	2 14	19 37	1 51	18 54	0 29	11 4	2 34	14 34	0 42	20 32
S 26	23 17	13 9	0 37	20 54	0 29	16 42	2 14	19 37	1 52	18 51	0 29	11 4	2 34	14 33	0 42	20 32
M27	23 15	9 37	0n34	20 33	0 16	16 59	2 13	19 38	1 54	18 48	0 29	11 4	2 34	14 32	0 42	20 32
T 28	23 13	5 30	1 45	20 11	0 3	17 16	2 12	19 39	1 55	18 45	0 29	11 4	2 33	14 31	0 42	20 31
W29	23 10	1 3	2 51	19 50	0s10	17 32	2 11	19 40	1 57	18 41	0 30	11 3	2 33	14 30	0 42	20 31
T 30	23n 7	3s32	3n48	19n30	0s24	17n48	2s10	19s41	1s58	18n38	0n30	11s 3	2n33	14n29	0n42	20s31

Julian Day Number = 2682163.5, Delta T = 22m18s  
 Ecliptic obliquity = 23°21'18, Nutation = - 0°00'09  
 Ayanamsha: Fagan/Bradley = 33°34'20, Lahiri = 32°41'20

## ASTRODIENST EPHEMERIS for the year 2631

JULY 2631

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18 34 17	9 <sup>55</sup> 3'22	2 <sup>11</sup> 22	1 <sup>02</sup> 23	0 <sup>11</sup> 23	20 <sup>11</sup> 27	8 <sup>02</sup> 22	5 <sup>05</sup> 56	22 <sup>05</sup> 58	11 <sup>01</sup> 44	14 <sup>11</sup> 19	0 <sup>00</sup> 7	1 <sup>11</sup> 25	7 <sup>05</sup> 55	26 <sup>05</sup> 52	F 1
S 2	18 38 13	10 <sup>00</sup> 0'39	16 <sup>05</sup> 52	1 <sup>04</sup> 7	1 <sup>32</sup> 1	20 <sup>20</sup> 29	8 <sup>34</sup> 3	5 <sup>11</sup> 56	23 <sup>01</sup> 1	11 <sup>07</sup> 43	14 <sup>20</sup> 2	0 <sup>11</sup> 3	1 <sup>22</sup> 1	8 <sup>01</sup> 1	26 <sup>58</sup> 8	S 2
S 3	18 42 10	10 <sup>57</sup> 56	1 <sup>07</sup> 29	2 <sup>00</sup> 7	2 <sup>41</sup> 1	20 <sup>31</sup> 1	8 <sup>47</sup> 5	5 <sup>55</sup> 23	23 <sup>04</sup> 4	11 <sup>41</sup> 14	14 <sup>22</sup> 29	0 <sup>19</sup> 57	1 <sup>19</sup> 8	8 <sup>08</sup> 27	27 <sup>04</sup> 4	S 3
M 4	18 46 6	11 <sup>55</sup> 11	16 <sup>08</sup> 2	2 <sup>22</sup> 3	3 <sup>51</sup> 20	20 <sup>34</sup> 8	8 <sup>59</sup> 5	5 <sup>54</sup> 23	23 <sup>07</sup> 7	11 <sup>40</sup> 14	14 <sup>23</sup> 29	0 <sup>50</sup> 1	1 <sup>16</sup> 8	8 <sup>15</sup> 27	27 <sup>10</sup> 4	M 4
T 5	18 50 3	12 <sup>52</sup> 27	0 <sup>03</sup> 40	2 <sup>33</sup> 5	5 <sup>00</sup> 20	20 <sup>38</sup> 9	9 <sup>12</sup> 5	5 <sup>54</sup> 23	23 <sup>10</sup> 11	11 <sup>39</sup> 14	14 <sup>24</sup> 29	0 <sup>43</sup> 1	1 <sup>12</sup> 8	8 <sup>21</sup> 27	27 <sup>17</sup> 5	T 5
W 6	18 53 59	13 <sup>49</sup> 42	15 <sup>00</sup> 2	2 <sup>39</sup> 6	6 <sup>10</sup> 20	20 <sup>43</sup> 9	9 <sup>24</sup> 5	5 <sup>53</sup> 23	23 <sup>13</sup> 11	11 <sup>37</sup> 14	14 <sup>25</sup> 29	0 <sup>37</sup> 1	1 <sup>09</sup> 8	8 <sup>28</sup> 27	27 <sup>23</sup> 6	W 6
T 7	18 57 56	14 <sup>46</sup> 56	29 <sup>01</sup> 2	2 <sup>04</sup> 7	7 <sup>20</sup> 20	20 <sup>48</sup> 9	9 <sup>37</sup> 5	5 <sup>53</sup> 23	23 <sup>16</sup> 11	11 <sup>36</sup> 14	14 <sup>26</sup> 29	0 <sup>32</sup> 1	1 <sup>06</sup> 8	8 <sup>35</sup> 27	27 <sup>29</sup> 7	T 7
F 8	19 1 53	15 <sup>44</sup> 10	12 <sup>00</sup> 40	2 <sup>38</sup> 8	8 <sup>30</sup> 20	20 <sup>54</sup> 9	9 <sup>50</sup> 5	5 <sup>53</sup> 23	23 <sup>19</sup> 11	11 <sup>35</sup> 14	14 <sup>28</sup> 29	0 <sup>28</sup> 1	1 <sup>03</sup> 8	8 <sup>42</sup> 27	27 <sup>35</sup> 8	F 8
S 9	19 5 49	16 <sup>41</sup> 24	25 <sup>05</sup> 2	2 <sup>31</sup> 9	9 <sup>39</sup> 21	21 <sup>01</sup> 10	10 <sup>02</sup> 5	5 <sup>53</sup> 23	23 <sup>22</sup> 11	11 <sup>34</sup> 14	14 <sup>29</sup> 29	0 <sup>27</sup> 1	1 <sup>00</sup> 8	8 <sup>48</sup> 27	27 <sup>42</sup> 9	S 9
S 10	19 9 46	17 <sup>38</sup> 39	8 <sup>08</sup> 48	2 <sup>19</sup> 10	10 <sup>49</sup> 21	21 <sup>09</sup> 10	10 <sup>15</sup> 5	5 <sup>53</sup> 23	23 <sup>26</sup> 11	11 <sup>32</sup> 14	14 <sup>30</sup> 29	0 <sup>27</sup> 0	0 <sup>56</sup> 8	8 <sup>55</sup> 27	27 <sup>48</sup> 10	S 10
M 11	19 13 42	18 <sup>35</sup> 52	21 <sup>09</sup> 2	2 <sup>03</sup> 11	11 <sup>59</sup> 21	21 <sup>17</sup> 10	10 <sup>28</sup> 5	5 <sup>53</sup> 23	23 <sup>29</sup> 11	11 <sup>31</sup> 14	14 <sup>31</sup> 29	0 <sup>29</sup> 0	0 <sup>53</sup> 9	9 <sup>02</sup> 27	27 <sup>55</sup> 11	M 11
T 12	19 17 39	19 <sup>33</sup> 07	3 <sup>07</sup> 34	1 <sup>43</sup> 13	13 <sup>09</sup> 21	21 <sup>27</sup> 10	10 <sup>41</sup> 5	5 <sup>53</sup> 23	23 <sup>32</sup> 11	11 <sup>30</sup> 14	14 <sup>32</sup> 29	0 <sup>30</sup> 0	0 <sup>50</sup> 9	9 <sup>08</sup> 28	28 <sup>01</sup> 12	T 12
W 13	19 21 35	20 <sup>30</sup> 21	15 <sup>36</sup> 1	1 <sup>19</sup> 14	14 <sup>20</sup> 21	21 <sup>36</sup> 10	10 <sup>54</sup> 5	5 <sup>53</sup> 23	23 <sup>35</sup> 11	11 <sup>29</sup> 14	14 <sup>33</sup> 29	0 <sup>31</sup> 0	0 <sup>47</sup> 9	9 <sup>15</sup> 28	28 <sup>08</sup> 13	W 13
T 14	19 25 32	21 <sup>27</sup> 35	27 <sup>31</sup> 0	0 <sup>51</sup> 15	15 <sup>30</sup> 21	21 <sup>47</sup> 11	11 <sup>06</sup> 5	5 <sup>54</sup> 23	23 <sup>38</sup> 11	11 <sup>28</sup> 14	14 <sup>35</sup> 29	0 <sup>31</sup> 0	0 <sup>44</sup> 9	9 <sup>22</sup> 28	28 <sup>15</sup> 14	T 14
F 15	19 29 28	22 <sup>24</sup> 50	9 <sup>08</sup> 23	0 <sup>21</sup> 16	16 <sup>40</sup> 21	21 <sup>58</sup> 11	11 <sup>19</sup> 5	5 <sup>54</sup> 23	23 <sup>42</sup> 11	11 <sup>26</sup> 14	14 <sup>36</sup> 29	0 <sup>30</sup> 0	0 <sup>41</sup> 9	9 <sup>29</sup> 28	28 <sup>22</sup> 15	F 15
S 16	19 33 25	23 <sup>22</sup> 04	21 <sup>17</sup> 29	0 <sup>48</sup> 17	17 <sup>50</sup> 22	22 <sup>10</sup> 11	11 <sup>32</sup> 5	5 <sup>55</sup> 23	23 <sup>45</sup> 11	11 <sup>25</sup> 14	14 <sup>37</sup> 29	0 <sup>26</sup> 0	0 <sup>37</sup> 9	9 <sup>35</sup> 28	28 <sup>28</sup> 16	S 16
S 17	19 37 22	24 <sup>19</sup> 19	3 <sup>11</sup> 17	29 <sup>13</sup> 19	19 <sup>01</sup> 22	22 <sup>22</sup> 11	11 <sup>45</sup> 5	5 <sup>56</sup> 23	23 <sup>48</sup> 11	11 <sup>24</sup> 14	14 <sup>38</sup> 29	0 <sup>22</sup> 0	0 <sup>34</sup> 9	9 <sup>42</sup> 28	28 <sup>35</sup> 17	S 17
M 18	19 41 18	25 <sup>16</sup> 35	15 <sup>27</sup> 28	0 <sup>36</sup> 20	20 <sup>11</sup> 22	22 <sup>35</sup> 11	11 <sup>58</sup> 5	5 <sup>56</sup> 23	23 <sup>52</sup> 11	11 <sup>23</sup> 14	14 <sup>39</sup> 29	0 <sup>17</sup> 0	0 <sup>31</sup> 9	9 <sup>49</sup> 28	28 <sup>42</sup> 18	M 18
T 19	19 45 15	26 <sup>13</sup> 50	27 <sup>49</sup> 27	27 <sup>58</sup> 21	21 <sup>22</sup> 22	22 <sup>49</sup> 12	12 <sup>11</sup> 5	5 <sup>57</sup> 23	23 <sup>55</sup> 11	11 <sup>22</sup> 14	14 <sup>40</sup> 29	0 <sup>11</sup> 0	0 <sup>28</sup> 9	9 <sup>55</sup> 28	28 <sup>49</sup> 19	T 19
W 20	19 49 11	27 <sup>11</sup> 06	10 <sup>05</sup> 25	27 <sup>20</sup> 22	22 <sup>32</sup> 23	23 <sup>03</sup> 12	12 <sup>24</sup> 5	5 <sup>58</sup> 23	23 <sup>59</sup> 11	11 <sup>21</sup> 14	14 <sup>41</sup> 29	0 <sup>06</sup> 0	0 <sup>25</sup> 10	10 <sup>02</sup> 28	28 <sup>56</sup> 20	W 20
T 21	19 53 8	28 <sup>08</sup> 22	23 <sup>16</sup> 26	0 <sup>43</sup> 23	23 <sup>18</sup> 23	23 <sup>18</sup> 12	12 <sup>37</sup> 5	5 <sup>59</sup> 24	24 <sup>02</sup> 11	11 <sup>20</sup> 14	14 <sup>42</sup> 29	0 <sup>01</sup> 0	0 <sup>22</sup> 10	10 <sup>09</sup> 29	29 <sup>03</sup> 21	T 21
F 22	19 57 4	29 <sup>05</sup> 38	6 <sup>02</sup> 22	26 <sup>06</sup> 24	24 <sup>54</sup> 23	23 <sup>34</sup> 12	12 <sup>50</sup> 6	6 <sup>01</sup> 24	24 <sup>05</sup> 11	11 <sup>19</sup> 14	14 <sup>43</sup> 28	0 <sup>58</sup> 0	0 <sup>18</sup> 10	10 <sup>16</sup> 29	29 <sup>10</sup> 22	F 22
S 23	20 1 1	0 <sup>02</sup> 25	19 <sup>42</sup> 25	0 <sup>31</sup> 26	26 <sup>05</sup> 23	23 <sup>50</sup> 13	13 <sup>04</sup> 6	6 <sup>02</sup> 24	24 <sup>09</sup> 11	11 <sup>18</sup> 14	14 <sup>44</sup> 28	0 <sup>56</sup> 0	0 <sup>15</sup> 10	10 <sup>22</sup> 29	29 <sup>17</sup> 23	S 23
S 24	20 4 57	1 <sup>00</sup> 10	3 <sup>11</sup> 17	24 <sup>58</sup> 27	27 <sup>15</sup> 24	24 <sup>07</sup> 13	13 <sup>17</sup> 6	6 <sup>03</sup> 24	24 <sup>12</sup> 11	11 <sup>17</sup> 14	14 <sup>45</sup> 28	0 <sup>56</sup> 0	0 <sup>12</sup> 10	10 <sup>29</sup> 29	29 <sup>24</sup> 24	S 24
M 25	20 8 54	1 <sup>57</sup> 27	16 <sup>57</sup> 24	28 <sup>28</sup> 24	24 <sup>24</sup> 13	13 <sup>30</sup> 6	6 <sup>05</sup> 24	6 <sup>05</sup> 24	24 <sup>16</sup> 11	11 <sup>16</sup> 14	14 <sup>46</sup> 28	0 <sup>57</sup> 0	0 <sup>09</sup> 10	10 <sup>36</sup> 29	29 <sup>31</sup> 25	M 25
T 26	20 12 51	2 <sup>54</sup> 43	0 <sup>05</sup> 51	24 <sup>02</sup> 29	29 <sup>37</sup> 24	24 <sup>42</sup> 13	13 <sup>43</sup> 6	6 <sup>06</sup> 24	24 <sup>19</sup> 11	11 <sup>15</sup> 14	14 <sup>47</sup> 28	0 <sup>58</sup> 0	0 <sup>06</sup> 10	10 <sup>42</sup> 29	29 <sup>38</sup> 26	T 26
W 27	20 16 47	3 <sup>51</sup> 59	14 <sup>52</sup> 23	0 <sup>39</sup> 25	25 <sup>01</sup> 13	13 <sup>56</sup> 6	6 <sup>08</sup> 24	6 <sup>08</sup> 24	24 <sup>23</sup> 11	11 <sup>15</sup> 14	14 <sup>48</sup> 29	0 <sup>00</sup> 0	0 <sup>02</sup> 10	10 <sup>49</sup> 29	29 <sup>46</sup> 27	W 27
T 28	20 20 44	4 <sup>49</sup> 16	29 <sup>01</sup> 23	23 <sup>21</sup> 1	1 <sup>59</sup> 25	25 <sup>20</sup> 14	14 <sup>09</sup> 6	6 <sup>10</sup> 24	24 <sup>26</sup> 11	11 <sup>14</sup> 14	14 <sup>49</sup> 29	0 <sup>01</sup> 29	0 <sup>56</sup> 10	10 <sup>56</sup> 29	29 <sup>53</sup> 28	T 28
F 29	20 24 40	5 <sup>46</sup> 32	13 <sup>11</sup> 14	23 <sup>08</sup> 3	3 <sup>10</sup> 25	25 <sup>40</sup> 14	14 <sup>23</sup> 6	6 <sup>12</sup> 24	24 <sup>30</sup> 11	11 <sup>13</sup> 14	14 <sup>50</sup> 29	0 <sup>01</sup> 29	0 <sup>56</sup> 11	11 <sup>03</sup> 0	0 <sup>11</sup> 29	F 29
S 30	20 28 37	6 <sup>43</sup> 49	27 <sup>30</sup> 22	25 <sup>59</sup> 4	4 <sup>22</sup> 26	26 <sup>00</sup> 14	14 <sup>36</sup> 6	6 <sup>14</sup> 24	24 <sup>34</sup> 11	11 <sup>12</sup> 14	14 <sup>51</sup> 28	0 <sup>59</sup> 29	0 <sup>53</sup> 11	11 <sup>09</sup> 0	0 <sup>07</sup> 30	S 30
S 31	20 32 33	7 <sup>02</sup> 41	0 <sup>06</sup> 11	22 <sup>05</sup> 22	0 <sup>53</sup> 26	26 <sup>10</sup> 14	14 <sup>09</sup> 6	6 <sup>16</sup> 24	24 <sup>37</sup> 11	11 <sup>12</sup> 14	14 <sup>52</sup> 28	0 <sup>58</sup> 29	0 <sup>50</sup> 11	11 <sup>16</sup> 0	0 <sup>15</sup> 31	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	23n 3	7s59	4n32	19n 9	0s38	18n 4	2s 8	19s43	1s59	18n35	0n30	11s 3	2n32	14n28	0n42	20s31	1n37	10n27	12s 3	11n23	10n56	9n37	7n21	5s29					
S 2	22 59	12 2	4 59	18 50	0 53	18 19	2 7	19 45	2 1	18 32	0 30	11 3	2 32	14 27	0 42	20 31	1 37	10 27	12 3	11 25	10 57	9 39	7 19	5 29					
S 3	22 54	15 22	5 7	18 30	1 9	18 34	2 6	19 46	2 2	18 29	0 30	11 3	2 32	14 26	0 42	20 31	1 37	10 28	12 3	11 27	10 58	9 41	7 18	5 28					
M 4	22 49	17 45	4 55	18 12	1 24	18 48	2 4	19 48	2 3	18 26	0 30	11 3	2 32	14 25	0 42	20 30	1 37	10 28	12 4	11 29	10 59	9 43	7 16	5 28					
T 5	22 44	18 57	4 24	17 54	1 40	19 3	2 3	19 51	2 4	18 22	0 30	11 3	2 31	14 24	0 42	20 30	1 37	10 28	12 4	11 32	11 0	9 45	7 15	5 27					
W 6	22 38	18 56	3 37	17 37	1 56	19 16	2 1	19 53	2 5	18 19	0 30	11 4	2 31	14 23	0 42	20 30	1 37	10 28	12 4	11 34	11 2	9 46	7 13	5 27					
T 7	22 32	17 43	2 37	17 21	2 12	19 29	2 0	19 55	2 6	18 16	0 30	11 4	2 31	14 22	0 42	20 30	1 37	10 28	12 4	11 36	11 3	9 48	7 11	5 26					
F 8	22 26	15 31	1 30	17 6	2 28	19 42	1 58	19 58	2 7	18 12	0 30	11 4	2 31	14 21	0 42	20 30	1 37	10 28	12 4	11 37	11 4	9 50	7 10	5 26					
S 9	22 19	12 32	0 19	16 52	2 44	19 54	1 56	20 1	2 8	18 9	0 30	11 4	2 30	14 20	0 42	20 30	1 37	10 28	12 4	11 37	11 5	9 52	7 8	5 25					
S 10	22 12	9 2	0s50	16 39	3 0	20 6	1 54	20 4	2 9	18 6	0 30	11 4	2 30	14 19	0 42	20 30	1 37	10 28	12 4	11 37	11 6	9 54	7 6	5 25					
M 11	22 4	5 12	1 56	16 28	3 15	20 17	1 52	20 7	2 10	18 2	0 30	11 5	2 30	14 18	0 42	20 29	1 36	10 28	12 4	11 37	11 7	9 55	7 5	5 24					
T 12	21 56	1 16	2 55	16 18	3 30	20 28	1 50	20 10	2 11	17 59	0 30	11 5	2 30	14 17	0 42	20 29	1 36	10 28	12 4	11 36	11 8	9 57	7 3	5 24					
W 13	21 48	2n40	3 44	16 9	3 44	20 39	1 48	20 14	2 12	17 55	0 30	11 5	2 29	14 16	0 41	20 29	1 36	10 28	12 4	11 36	11 9	9 59	7 1	5 23					
T 14	21 39	6 26	4 24	16 2	3 57	20 48	1 46	20 17	2 13	17 52	0 30	11 6	2 29	14 15	0 41	20 29	1 36	10 28	12 5	11 36	11 10	10 1	6 59	5 23					
F 15	21 30	9 57	4 52	15 56	4 10	20 58	1 44	20 21	2 14	17 48	0 30	11 6	2 29	14 14	0 41	20 29	1 36	10 28	12 5	11 37	11 12	10 2	6 57	5 22					
S 16	21 20	13 4	5 8	15 52	4 21	21 7	1 42	20 25	2 14	17 45	0 30	11 7	2 29	14 13	0 41	20 29	1 36	10 28	12 5	11 38	11 13	10 4	6 55	5 22					
S 17	21 11	15 40	5 10	15 50	4 31	21 15	1 40	20 28	2 15	17 41	0 30	11 7	2 28	14 11	0 41	20 29	1 36	10 28	12 5	11 39	11 14	10 6	6 54	5 21					
M 18	21 0	17 37	4 59	15 48	4 39	21 23	1 37	20 32	2 16	17 38	0 30	11 8	2 28	14 10	0 41	20 29	1 36	10 28	12 5	11 41	11 15	10 8	6 52	5 21					
T 19	20 50	18 47	4 33	15 49	4 47	21 30	1 35	20 37	2 16	17 34	0 31	11 8	2 28	14 9	0 41	20 29	1 36	10 28	12 5	11 43	11 16	10 10	6 50	5 21					
W 20	20 39	19 3	3 54	15 50	4 52	21 36	1 33	20 41	2 17	17 31	0 31	11 9	2 27	14 8	0 41	20 29	1 36	10 28	12 5	11 45	11 17	10 11	6 48	5 20					
T 21	20 28	18 21	3 3	15 54	4 56	21 42	1 30	20 45	2 18	17 27	0 31	11 9	2 27	14 7	0 41	20 28	1 36	10 28	12 5	11 46	11 18	10 13	6 46	5 20					
F 22	20 16	16 40	2 0	15 58	4 58	21 48	1 28	20 50	2 18	17 23	0 31	11 10	2 27	14 6	0 41	20 28	1 36	10 28	12 6	11 48	11 20	10 15	6 44	5 19					
S 23	20 4	14 4	0 50	16 4	4 59	21 53	1 25	20 54	2 19	17 20	0 31	11 11	2 27	14 5	0 41	20 28	1 36	10 28	12 6	11 48	11 21	10 17	6 42	5 19					
S 24	19 52	10 39	0n24	16 10	4 58	21 57	1 22	20 59	2 19	17 16	0 31	11 11	2 26	14 3	0 41	20 28	1 36	10 28	12 6	11 48	11 22	10 18	6 40	5 19					
M 25	19 39	6 38	1 37	16 18	4 56	22 1	1 20	21 4	2 20	17 12	0 31	11 12	2 26	14 2	0 41	20 28	1 36	10 28	12 6	11 48	11 23	10 20	6 37	5 18					
T 26	19 26	2 13	2 46	16 27	4 51	22 4	1 17	21 9	2 20	17 9	0 31	11 13	2 26	14 1	0 41	20 28	1 36	10 28	12 6	11 47	11 24	10 22	6 35	5 18					
W 27	19 13	2s22	3 46	16 36	4 46	22 7	1 15	21 14	2 21	17 5	0 31	11 14	2 26	14 0	0 41	20 28	1 36	10 28	12 6	11 47	11 25	10 24	6 33	5 18					
T 28	19 0	6 50	4 33	16 46	4 39	22 9	1 12	21 19	2 21	17 1	0 31	11 14	2 25	13 59	0 41	20 28	1 36	10 27	12 6	11 47	11 26	10 25	6 31	5 17					
F 29	18 46	10 56	5 3	16 56	4 30	22 10	1 9	21 24	2 22	16 57	0 31	11 15	2 25	13 58	0 41	20 28	1 36	10 27	12 7	11 47	11 27	10 27	6 29	5 17					
S 30	18 32	14 26	5 14	17 7	4 21	22 11	1 6	21 29	2 22	16 54	0 31	11 16	2 25	13 56	0 41	20 28	1 36	10 27	12 7	11 47	11 28	10 29	6 27	5 17					
S 31	18n17	17s 3	5n 7	17n18	4s10	22n11	1s 3	21s34	2s22	16n50	0n31	11s17	2n25	13n55	0n41	20s28	1n36	10n27	12s 7	11n48	11n30	10n31	6n24	5s16					



## ASTRODIENST EPHEMERIS for the year 2631

SEPTEMBER 2631

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 38 43	8 <sup>h</sup> 21'03	16 <sup>h</sup> 43	5 <sup>h</sup> 3	14 <sup>h</sup> 1	10 <sup>h</sup> 56	21 <sup>h</sup> 51	8 <sup>h</sup> 8	26 <sup>h</sup> 35	11 <sup>h</sup> 4	15 <sup>h</sup> 11	28 <sup>h</sup> 51	28 <sup>h</sup> 8	14 <sup>h</sup> 51	4 <sup>h</sup> 20	T 1
F 2	22 42 40	9°18'49	29°43	7° 4	15°14	11°29	22° 4	8°12	26°39	11° 4	15°11	28°R51	28° 5	14°58	4°28	F 2
S 3	22 46 36	10°16'37	12 <sup>h</sup> 429	9° 4	16°27	12° 2	22°17	8°17	26°43	11° 5	15°12	28°51	28° 2	15° 4	4°36	S 3
S 4	22 50 33	11°14'27	25° 1	11° 3	17°40	12°36	22°30	8°22	26°46	11° 5	15°12	28°50	27°59	15°11	4°44	S 4
M 5	22 54 29	12°12'17	7 <sup>h</sup> 22	13° 1	18°53	13° 9	22°43	8°27	26°50	11° 6	15°12	28°48	27°55	15°18	4°51	M 5
T 6	22 58 26	13°10'10	19°31	14°58	20° 6	13°43	22°56	8°32	26°54	11° 6	15°12	28°46	27°52	15°25	4°59	T 6
W 7	23 2 22	14° 8'04	1 <sup>h</sup> 32	16°54	21°20	14°18	23° 9	8°38	26°57	11° 6	15°13	28°44	27°49	15°31	5° 7	W 7
T 8	23 6 19	15° 5'59	13°27	18°49	22°33	14°52	23°21	8°43	27° 1	11° 7	15°13	28°42	27°46	15°38	5°15	T 8
F 9	23 10 15	16° 3'57	25°19	20°43	23°46	15°27	23°34	8°48	27° 4	11° 7	15°13	28°40	27°43	15°45	5°22	F 9
S 10	23 14 12	17° 1'56	7 <sup>h</sup> 13	22°35	25° 0	16° 1	23°47	8°53	27° 8	11° 8	15°13	28°39	27°39	15°51	5°30	S 10
S 11	23 18 9	17°59'57	19°13	24°26	26°13	16°37	23°59	8°59	27°11	11° 9	15°13	28°D38	27°36	15°58	5°38	S 11
M12	23 22 5	18°58'00	1 <sup>h</sup> 23	26°16	27°26	17°12	24°12	9° 4	27°15	11° 9	15°13	28°39	27°33	16° 5	5°46	M12
T 13	23 26 2	19°56'05	13°49	28° 5	28°40	17°47	24°25	9°10	27°19	11°10	15°13	28°40	27°30	16°12	5°53	T 13
W14	23 29 58	20°54'11	26°34	29°53	29°54	18°23	24°37	9°15	27°22	11°11	15°13	28°42	27°27	16°18	6° 1	W14
T 15	23 33 55	21°52'20	9 <sup>h</sup> 41	1 <sup>h</sup> 39	1 <sup>h</sup> 7	18°59	24°50	9°21	27°25	11°11	15°R13	28°43	27°24	16°25	6° 9	T 15
F 16	23 37 51	22°50'30	23°13	3°24	2°21	19°35	25° 2	9°27	27°29	11°12	15°13	28°R44	27°20	16°32	6°16	F 16
S 17	23 41 48	23°48'42	7 <sup>h</sup> 9	5° 8	3°34	20°12	25°14	9°32	27°32	11°13	15°13	28°44	27°17	16°38	6°24	S 17
S 18	23 45 44	24°46'56	21°28	6°51	4°48	20°48	25°27	9°38	27°36	11°14	15°13	28°42	27°14	16°45	6°32	S 18
M19	23 49 41	25°45'12	6 <sup>h</sup> 3	8°32	6° 2	21°25	25°39	9°44	27°39	11°14	15°13	28°40	27°11	16°52	6°39	M19
T 20	23 53 37	26°43'29	20°50	10°13	7°16	22° 2	25°51	9°50	27°43	11°15	15°13	28°36	27° 8	16°59	6°47	T 20
W21	23 57 34	27°41'48	5 <sup>h</sup> 40	11°52	8°30	22°40	26° 4	9°56	27°46	11°16	15°13	28°32	27° 5	17° 5	6°54	W21
T 22	0 1 31	28°40'08	20°25	13°30	9°44	23°17	26°16	10° 2	27°49	11°17	15°13	28°28	27° 1	17°12	7° 2	T 22
F 23	0 5 27	29°38'31	4 <sup>h</sup> 59	15° 7	10°57	23°55	26°28	10° 8	27°53	11°18	15°13	28°25	26°58	17°19	7° 9	F 23
S 24	0 9 24	0 <sup>h</sup> 36'54	19°18	16°43	12°11	24°33	26°40	10°14	27°56	11°19	15°12	28°23	26°55	17°25	7°17	S 24
S 25	0 13 20	1°35'19	3 <sup>h</sup> 17	18°18	13°25	25°11	26°52	10°20	27°59	11°20	15°12	28°D23	26°52	17°32	7°24	S 25
M26	0 17 17	2°33'46	16°58	19°52	14°39	25°49	27° 4	10°27	28° 2	11°21	15°12	28°24	26°49	17°39	7°32	M26
T 27	0 21 13	3°32'14	0 <sup>h</sup> 21	21°24	15°54	26°27	27°16	10°33	28° 6	11°22	15°12	28°25	26°45	17°46	7°39	T 27
W28	0 25 10	4°30'44	13°27	22°56	17° 8	27° 6	27°27	10°39	28° 9	11°23	15°11	28°26	26°42	17°52	7°46	W28
T 29	0 29 6	5°29'15	26°19	24°26	18°22	27°44	27°39	10°46	28°12	11°24	15°11	28°R27	26°39	17°59	7°54	T 29
F 30	0 33 3	6 <sup>h</sup> 27'48	8 <sup>h</sup> 58	25 <sup>h</sup> 56	19 <sup>h</sup> 36	28 <sup>h</sup> 23	27 <sup>h</sup> 51	10 <sup>h</sup> 52	28 <sup>h</sup> 15	11 <sup>h</sup> 26	15 <sup>h</sup> 11	28 <sup>h</sup> 27	26 <sup>h</sup> 36	18 <sup>h</sup> 6	8 <sup>h</sup> 1	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	8n25	14s43	1n 7	11n15	1n45	17n 0	0n27	24s24	2s25	14n43	0n34	12s 0	2n17	13n15	0n41	20s28
F 2	8 3	11 36	0s 5	10 31	1 46	16 41	0 30	24 28	2 24	14 39	0 34	12 2	2 17	13 14	0 41	20 29
S 3	7 41	8 0	1 15	9 46	1 45	16 22	0 32	24 32	2 24	14 34	0 34	12 4	2 16	13 13	0 41	20 29
S 4	7 19	4 7	2 20	9 1	1 45	16 2	0 35	24 37	2 24	14 30	0 34	12 6	2 16	13 12	0 41	20 29
M 5	6 58	0 7	3 17	8 14	1 43	15 42	0 37	24 41	2 24	14 26	0 34	12 7	2 16	13 11	0 41	20 29
T 6	6 35	3n50	4 5	7 28	1 41	15 21	0 40	24 45	2 24	14 22	0 35	12 9	2 16	13 9	0 41	20 29
W 7	6 13	7 34	4 41	6 40	1 39	15 0	0 42	24 49	2 23	14 18	0 35	12 11	2 16	13 8	0 41	20 29
T 8	5 51	10 59	5 4	5 53	1 36	14 39	0 44	24 52	2 23	14 14	0 35	12 13	2 15	13 7	0 41	20 29
F 9	5 29	13 56	5 15	5 5	1 32	14 17	0 46	24 56	2 23	14 10	0 35	12 15	2 15	13 6	0 41	20 29
S 10	5 6	16 19	5 12	4 17	1 28	13 55	0 49	24 59	2 23	14 6	0 35	12 17	2 15	13 4	0 41	20 29
S 11	4 44	18 1	4 55	3 29	1 24	13 32	0 51	25 3	2 22	14 2	0 35	12 18	2 15	13 3	0 42	20 30
M12	4 21	18 55	4 25	2 41	1 19	13 9	0 53	25 6	2 22	13 58	0 35	12 20	2 15	13 2	0 42	20 30
T 13	3 58	18 57	3 43	1 53	1 14	12 45	0 55	25 9	2 22	13 54	0 35	12 22	2 15	13 1	0 42	20 30
W14	3 36	18 1	2 48	1 6	1 8	12 22	0 57	25 12	2 22	13 50	0 35	12 24	2 14	13 0	0 42	20 30
T 15	3 13	16 7	1 43	0 18	1 3	11 57	0 59	25 15	2 21	13 46	0 36	12 26	2 14	12 59	0 42	20 30
F 16	2 50	13 15	0 30	0s29	0 57	11 33	1 1	25 17	2 21	13 42	0 36	12 28	2 14	12 57	0 42	20 30
S 17	2 27	9 34	0n46	1 16	0 50	11 8	1 3	25 20	2 21	13 38	0 36	12 30	2 14	12 56	0 42	20 31
S 18	2 4	5 14	2 2	2 2	0 44	10 43	1 4	25 22	2 20	13 33	0 36	12 32	2 14	12 55	0 42	20 31
M19	1 41	0 31	3 10	2 48	0 37	10 17	1 6	25 24	2 20	13 29	0 36	12 34	2 14	12 54	0 42	20 31
T 20	1 18	4s17	4 7	3 34	0 30	9 52	1 8	25 26	2 19	13 25	0 36	12 36	2 13	12 53	0 42	20 31
W21	0 55	8 50	4 48	4 19	0 23	9 26	1 9	25 28	2 19	13 21	0 36	12 38	2 13	12 52	0 42	20 31
T 22	0 32	12 49	5 9	5 4	0 16	8 59	1 11	25 30	2 19	13 17	0 36	12 40	2 13	12 50	0 42	20 31
F 23	0 9	15 58	5 10	5 48	0 9	8 33	1 12	25 31	2 18	13 13	0 37	12 42	2 13	12 49	0 42	20 32
S 24	0s15	18 4	4 52	6 31	0 2	8 6	1 14	25 32	2 18	13 10	0 37	12 44	2 13	12 48	0 42	20 32
S 25	0 38	19 2	4 16	7 14	0s 6	7 39	1 15	25 33	2 17	13 6	0 37	12 46	2 13	12 47	0 42	20 32
M26	1 1	18 51	3 27	7 57	0 13	7 12	1 16	25 34	2 17	13 2	0 37	12 48	2 12	12 46	0 42	20 32
T 27	1 24	17 36	2 27	8 38	0 21	6 44	1 18	25 35	2 17	12 58	0 37	12 50	2 12	12 45	0 42	20 32
W28	1 47	15 26	1 21	9 20	0 29	6 17	1 19	25 36	2 16	12 54	0 37	12 52	2 12	12 44	0 42	20 33
T 29	2 10	12 31	0 12	10 0	0 36	5 49	1 20	25 36	2 16	12 50	0 37	12 54	2 12	12 43	0 42	20 33
F 30	2s33	9s 4	0s57	10s40	0s44	5n21	1n21	25s36	2s15	12n46	0n37	12s57	2n12	12n42	0n42	20s33

Julian Day Number = 2682255.5, Delta T = 22m19s

Ecliptic obliquity = 23°21'19, Nutation = - 0°00'08

Ayanamsha: Fagan/Bradley = 33°34'33, Lahiri = 32°41'33



# ASTRODIENST EPHEMERIS for the year 2631

NOVEMBER 2631

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 39 13	7♏59°09	6♏43	27°R57	29♏25	20♏22	3♏21	14♏33	29♏37	12♏16	14°R51	26°R 3	24♏54	21♏41	11♏30	T 1
W 2	2 43 9	8°58'47	18°36	27♏51	0♏40	21° 5	3°29	14°41	29°38	12°18	14♏51	25♏49	24°51	21°48	11°36	W 2
T 3	2 47 6	9°58'27	0♏29	27°37	1°55	21°48	3°38	14°48	29°40	12°20	14°50	25°35	24°48	21°54	11°41	T 3
F 4	2 51 2	10°58'09	12°21	27°13	3°11	22°32	3°46	14°55	29°42	12°22	14°49	25°23	24°45	22° 1	11°47	F 4
S 5	2 54 59	11°57'53	24°16	26°41	4°26	23°15	3°55	15° 2	29°44	12°24	14°48	25°12	24°42	22° 8	11°52	S 5
S 6	2 58 55	12°57'39	6♏15	26° 0	5°41	23°58	4° 3	15°10	29°45	12°26	14°47	25° 4	24°38	22°15	11°57	S 6
M 7	3 2 52	13°57'28	18°22	25°10	6°56	24°42	4°11	15°17	29°47	12°28	14°46	24°59	24°35	22°21	12° 3	M 7
T 8	3 6 49	14°57'18	0♏24	24°12	8°11	25°26	4°19	15°24	29°49	12°30	14°45	24°56	24°32	22°28	12° 8	T 8
W 9	3 10 45	15°57'11	13°16	23° 6	9°26	26° 9	4°27	15°32	29°50	12°32	14°44	24°D56	24°29	22°35	12°13	W 9
T 10	3 14 42	16°57'06	26°13	21°54	10°41	26°53	4°34	15°39	29°52	12°34	14°43	24°R56	24°26	22°41	12°18	T 10
F 11	3 18 38	17°57'03	9♏35	20°39	11°57	27°37	4°42	15°46	29°53	12°37	14°42	24°55	24°22	22°48	12°23	F 11
S 12	3 22 35	18°57'02	23°25	19°21	13°12	28°21	4°49	15°53	29°54	12°39	14°41	24°53	24°19	22°55	12°27	S 12
S 13	3 26 31	19°57'03	7♏45	18° 4	14°27	29° 5	4°56	16° 1	29°56	12°41	14°40	24°48	24°16	23° 2	12°32	S 13
M14	3 30 28	20°57'06	22°33	16°49	15°42	29°49	5° 3	16° 8	29°57	12°43	14°39	24°41	24°13	23° 8	12°37	M14
T 15	3 34 24	21°57'11	7♏41	15°40	16°57	0♏33	5°10	16°15	29°58	12°45	14°38	24°31	24°10	23°15	12°41	T 15
W16	3 38 21	22°57'19	23° 2	14°38	18°13	1°18	5°17	16°22	29°59	12°47	14°37	24°19	24° 7	23°22	12°46	W16
T 17	3 42 18	23°57'28	8♏22	13°45	19°28	2° 2	5°24	16°30	0♏ 0	12°49	14°36	24° 8	24° 3	23°28	12°50	T 17
F 18	3 46 14	24°57'38	23°21	13° 2	20°43	2°46	5°30	16°37	0° 1	12°51	14°35	23°58	24° 0	23°35	12°54	F 18
S 19	3 50 11	25°57'51	8♏18	12°31	21°59	3°31	5°37	16°44	0° 2	12°54	14°34	23°50	23°57	23°42	12°59	S 19
S 20	3 54 7	26°58'05	22°39	12°11	23°14	4°16	5°43	16°51	0° 3	12°56	14°33	23°45	23°54	23°49	13° 3	S 20
M21	3 58 4	27°58'20	6♏29	12°D 3	24°29	5° 0	5°49	16°59	0° 4	12°58	14°32	23°42	23°51	23°55	13° 7	M21
T 22	4 2 0	28°58'37	19°51	12° 6	25°44	5°45	5°55	17° 6	0° 5	13° 0	14°31	23°41	23°47	24° 2	13°11	T 22
W23	4 5 57	29°58'55	2♏48	12°20	27° 0	6°30	6° 0	17°13	0° 6	13° 2	14°30	23°41	23°44	24° 9	13°14	W23
T 24	4 9 53	0♏59'14	15°23	12°44	28°15	7°14	6° 6	17°20	0° 6	13° 5	14°28	23°41	23°41	24°16	13°18	T 24
F 25	4 13 50	1°59'35	27°42	13°17	29°30	7°59	6°11	17°27	0° 7	13° 7	14°27	23°38	23°38	24°22	13°22	F 25
S 26	4 17 47	2°59'57	9♏49	13°58	0♏46	8°44	6°17	17°34	0° 8	13° 9	14°26	23°33	23°35	24°29	13°25	S 26
S 27	4 21 43	4° 0'21	21°48	14°47	2° 1	9°29	6°22	17°41	0° 8	13°11	14°25	23°26	23°32	24°36	13°29	S 27
M28	4 25 40	5° 0'46	3♏43	15°42	3°16	10°14	6°27	17°48	0° 9	13°14	14°24	23°15	23°28	24°42	13°32	M28
T 29	4 29 36	6° 1'12	15°35	16°43	4°32	10°59	6°31	17°56	0° 9	13°16	14°23	23° 2	23°25	24°49	13°35	T 29
W30	4 33 33	7♏14°0	27♏28	17♏48	5♏47	11♏44	6♏36	18♏ 3	0♏ 9	13♏18	14♏22	22♏48	23♏22	24♏56	13♏39	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	14s 7	9n14	4s44	22s35	3s 1	10s 0	1n19	23s43	1s56	10n54	0n43	14s 6	2n 9	12n14	0n43	20s41
W 2	14 26 12	31 4	58 22	27 2	55 10	27 1	18 23	36 1	55 10	52 0	43 14	8 2	9 12	14 0	43 20	41 1
T 3	14 45 15	18 4	59 22	16 2	47 10	54 1	16 23	29 1	54 10	49 0	43 14	10 2	9 12	13 0	43 20	42 1
F 4	15 4 17	26 4	48 22	2 2	38 11	21 1	15 23	21 1	53 10	46 0	43 14	12 2	9 12	13 0	43 20	42 1
S 5	15 22 18	51 4	23 21	44 2	27 11	47 1	14 23	13 1	53 10	43 0	43 14	14 2	9 12	12 0	43 20	42 1
S 6	15 40 19	26 3	47 21	22 2	14 12	14 1	13 23	4 1	52 10	40 0	44 14	16 2	9 12	12 0	43 20	42 1
M 7	15 58 19	7 3	0 20	56 2	0 12	39 1	11 22	56 1	51 10	37 0	44 14	18 2	9 12	11 0	43 20	43 1
T 8	16 16 17	54 2	5 20	26 1	44 13	5 1	10 22	47 1	50 10	35 0	44 14	20 2	9 12	11 0	43 20	43 1
W 9	16 33 15	48 1	1 19	52 1	26 13	30 1	8 22	38 1	50 10	32 0	44 14	23 2	9 12	10 0	43 20	43 1
T 10	16 50 12	51 0	n 7	19 16	1 7	13 55	1 7	22 29	1 49	10 30	0 44	14 25	2 9	12 10	0 43	20 44
F 11	17 7 9	8 1	17 18	37 0	47 14	20 1	5 22	20 1	48 10	27 0	45 14	27 2	9 12	9 0	43 20	44 1
S 12	17 24 4	49 2	24 17	56 0	27 14	44 1	3 22	10 1	47 10	24 0	45 14	29 2	9 12	9 0	43 20	44 1
S 13	17 40 0	5 3	25 17	15 0	6 15	8 1	2 22	0 1	46 10	22 0	45 14	31 2	9 12	8 0	44 20	44 1
M14	17 56 4	s48 4	15 16	35 0	n14 15	32 1	0 21	50 1	46 10	20 0	45 14	33 2	9 12	8 0	44 20	45 1
T 15	18 11 9	29 4	47 15	56 0	34 15	55 0	58 21	40 1	45 10	17 0	46 14	35 2	9 12	7 0	44 20	45 1
W16	18 27 13	37 5	0 15	20 0	52 16	17 0	56 21	29 1	44 10	15 0	46 14	37 2	9 12	7 0	44 20	45 1
T 17	18 42 16	50 4	51 14	48 1	10 16	40 0	55 21	19 1	43 10	13 0	46 14	39 2	9 12	7 0	44 20	46 1
F 18	18 56 18	51 4	22 14	21 1	25 17	1 0	53 21	8 1	42 10	11 0	46 14	41 2	9 12	6 0	44 20	46 1
S 19	19 11 19	31 3	35 13	58 1	39 17	23 0	51 20	57 1	41 10	8 0	46 14	43 2	9 12	6 0	44 20	46 1
S 20	19 25 18	54 2	36 13	41 1	50 17	44 0	49 20	45 1	41 10	6 0	47 14	45 2	9 12	6 0	44 20	46 1
M21	19 38 17	8 1	30 13	29 2	0 18	4 0	47 20	34 1	40 10	4 0	47 14	47 2	9 12	6 0	44 20	47 1
T 22	19 52 14	29 0	20 13	23 2	8 18	24 0	45 20	22 1	39 10	2 0	47 14	49 2	9 12	5 0	44 20	47 1
W23	20 5 11	11 0	s48 13	21 2	14 18	44 0	43 20	10 1	38 10	1 0	47 14	51 2	9 12	5 0	44 20	47 1
T 24	20 17 7	28 1	52 13	24 2	18 19	3 0	40 19	58 1	37 9	59 0	47 14	53 2	9 12	5 0	44 20	48 1
F 25	20 29 3	30 2	49 13	31 2	21 19	21 0	38 19	45 1	36 9	57 0	48 14	55 2	9 12	5 0	44 20	48 1
S 26	20 41 0	n32 3	38 13	42 2	23 19	39 0	36 19	33 1	35 9	55 0	48 14	57 2	9 12	5 0	44 20	48 1
S 27	20 52 4	30 4	16 13	56 2	23 19	56 0	34 19	20 1	35 9	54 0	48 14	59 2	9 12	4 0	44 20	48 1
M28	21 4 8	16 4	43 14	53 2	22 20	13 0	32 19	7 1	34 9	52 0	48 15	1 2	9 12	4 0	44 20	49 1
T 29	21 14 11	42 4	58 14	32 2	20 20	29 0	29 18	54 1	33 9	50 0	49 15	3 2	9 12	4 0	44 20	49 1
W30	21 s24	14n40	4s59	14s53	2n17	20s45	0n27	18s41	1s32	9n49	0n49	15s 5	2n 9	12n 4	0n44	20s49

Julian Day Number = 2682316.5, Delta T = 22m19s  
 Ecliptic obliquity = 23°21'19", Nutation = - 0°00'12"  
 Ayanamsha: Fagan/Bradley = 33°34'41", Lahiri = 32°41'41"

# ASTRODIENST EPHEMERIS for the year 2631

DECEMBER 2631

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 37 29	8♂ 2'10	9♂22	18♂58	7♂ 2	12♂30	6♂40	18♂10	0♂10	13♂20	14♂21	22♂34	23♂19	25♂ 3	13♂42	T 1
F 2	4 41 26	9° 2'40	21°19	20°11	8°18	13°15	6°45	18°17	0°10	13°23	14♂19	22♂20	23°16	25° 9	13°45	F 2
S 3	4 45 22	10° 3'13	3♂19	21°28	9°33	14° 0	6°49	18°23	0°10	13°25	14°18	22° 9	23°13	25°16	13°48	S 3
S 4	4 49 19	11° 3'47	15°25	22°47	10°49	14°45	6°53	18°30	0°10	13°27	14°17	22° 1	23° 9	25°23	13°50	S 4
M 5	4 53 16	12° 4'22	27°39	24° 9	12° 4	15°31	6°56	18°37	0°11	13°29	14°16	21°55	23° 6	25°30	13°53	M 5
T 6	4 57 12	13° 5'00	10♂ 3	25°32	13°19	16°16	7° 0	18°44	0°R11	13°32	14°15	21°53	23° 3	25°36	13°55	T 6
W 7	5 1 9	14° 5'38	22°40	26°58	14°35	17° 1	7° 3	18°51	0°11	13°34	14°14	21°D52	23° 0	25°43	13°58	W 7
T 8	5 5 5	15° 6'18	5♂35	28°24	15°50	17°47	7° 6	18°58	0°10	13°36	14°13	21°52	22°57	25°50	14° 0	T 8
F 9	5 9 2	16° 7'00	18°51	29°52	17° 5	18°32	7° 9	19° 5	0°10	13°38	14°12	21°R53	22°53	25°56	14° 2	F 9
S 10	5 12 58	17° 7'44	2♂31	1♂20	18°21	19°18	7°12	19°11	0°10	13°41	14°10	21°52	22°50	26° 3	14° 5	S 10
S 11	5 16 55	18° 8'29	16°37	2°49	19°36	20° 3	7°15	19°18	0°10	13°43	14° 9	21°48	22°47	26°10	14° 7	S 11
M12	5 20 51	19° 9'15	1♂ 9	4°19	20°52	20°49	7°17	19°25	0°10	13°45	14° 8	21°43	22°44	26°17	14° 9	M12
T 13	5 24 48	20°10'03	16° 3	5°50	22° 7	21°35	7°19	19°31	0° 9	13°47	14° 7	21°35	22°41	26°23	14°10	T 13
W14	5 28 45	21°10'52	1♂11	7°21	23°23	22°20	7°22	19°38	0° 9	13°50	14° 6	21°25	22°38	26°30	14°12	W14
T 15	5 32 41	22°11'43	16°25	8°52	24°38	23° 6	7°23	19°44	0° 8	13°52	14° 5	21°16	22°34	26°37	14°14	T 15
F 16	5 36 38	23°12'35	1♂32	10°24	25°53	23°52	7°25	19°51	0° 8	13°54	14° 4	21° 7	22°31	26°43	14°15	F 16
S 17	5 40 34	24°13'28	16°24	11°56	27° 9	24°37	7°27	19°57	0° 7	13°56	14° 3	21° 1	22°28	26°50	14°16	S 17
S 18	5 44 31	25°14'21	0♂51	13°28	28°24	25°23	7°28	20° 4	0° 7	13°58	14° 1	20°56	22°25	26°57	14°18	S 18
M19	5 48 27	26°15'16	14°51	15° 0	29°40	26° 9	7°29	20°10	0° 6	14° 1	14° 0	20°D54	22°22	27° 4	14°19	M19
T 20	5 52 24	27°16'11	28°22	16°33	0♂55	26°55	7°30	20°16	0° 5	14° 3	13°59	20°55	22°19	27°10	14°20	T 20
W21	5 56 21	28°17'07	11♂26	18° 6	2°11	27°41	7°31	20°23	0° 5	14° 5	13°58	20°56	22°15	27°17	14°21	W21
T 22	6 0 17	29°18'03	24° 6	19°38	3°26	28°27	7°31	20°29	0° 4	14° 7	13°57	20°R56	22°12	27°24	14°22	T 22
F 23	6 4 14	0♂19'00	6♂27	21°11	4°42	29°13	7°31	20°35	0° 3	14°10	13°56	20°56	22° 9	27°31	14°22	F 23
S 24	6 8 10	1°19'58	18°34	22°44	5°57	29°58	7°R32	20°41	0° 2	14°12	13°55	20°55	22° 6	27°37	14°23	S 24
S 25	6 12 7	2°20'56	0♂31	24°17	7°12	0♂44	7°32	20°47	0° 1	14°14	13°54	20°51	22° 3	27°44	14°23	S 25
M26	6 16 3	3°21'54	12°24	25°50	8°28	1°30	7°31	20°53	29♂59	14°16	13°53	20°44	21°59	27°51	14°24	M26
T 27	6 20 0	4°22'53	24°15	27°24	9°43	2°16	7°31	20°59	29°59	14°18	13°52	20°37	21°56	27°57	14°24	T 27
W28	6 23 56	5°23'53	6♂ 8	28°57	10°59	3° 2	7°30	21° 5	29°58	14°20	13°51	20°28	21°53	28° 4	14°24	W28
T 29	6 27 53	6°24'54	18° 6	0♂31	12°14	3°48	7°29	21°11	29°56	14°22	13°50	20°19	21°50	28°11	14°R24	T 29
F 30	6 31 50	7°25'55	0♂ 9	2° 4	13°30	4°34	7°28	21°17	29°55	14°25	13°49	20°10	21°47	28°18	14°24	F 30
S 31	6 35 46	8♂26'56	12♂19	3♂38	14♂45	5♂20	7♂27	21♂22	29♂54	14♂27	13♂48	20♂ 3	21♂44	28♂24	14♂24	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
T 1	21s34	17n 2	4s48	15s15	2n14	21s 0	0n25	18s27	1s31	9n48	0n49	15s 6	2n 9	12n 4	0n44	T 1
F 2	21 44	18 41	4 23	15 39	2 9	21 14	0 23	18 13	1 30	9 46	0 49	15 8	2 9	12 4	0 44	F 2
S 3	21 53	19 32	3 47	16 3	2 5	21 28	0 20	18 0	1 29	9 45	0 50	15 10	2 9	12 4	0 44	S 3
S 4	22 1	19 29	3 0	16 29	1 59	21 42	0 18	17 45	1 28	9 44	0 50	15 12	2 9	12 4	0 44	S 4
M 5	22 10	18 31	2 5	16 54	1 54	21 54	0 16	17 31	1 27	9 43	0 50	15 14	2 9	12 4	0 44	M 5
T 6	22 17	16 40	1 2	17 20	1 48	22 6	0 13	17 17	1 26	9 41	0 50	15 16	2 10	12 4	0 45	T 6
W 7	22 25	13 59	0n 4	17 46	1 41	22 17	0 11	17 2	1 26	9 40	0 51	15 17	2 10	12 4	0 45	W 7
T 8	22 32	10 33	1 12	18 12	1 35	22 28	0 8	16 48	1 25	9 39	0 51	15 19	2 10	12 4	0 45	T 8
F 9	22 38	6 31	2 18	18 37	1 28	22 38	0 6	16 33	1 24	9 39	0 51	15 21	2 10	12 4	0 45	F 9
S 10	22 44	2 3	3 19	19 2	1 21	22 47	0 4	16 18	1 23	9 38	0 51	15 23	2 10	12 4	0 45	S 10
S 11	22 50	2s41	4 9	19 26	1 14	22 56	0 1	16 2	1 22	9 37	0 51	15 24	2 10	12 4	0 45	S 11
M12	22 55	7 23	4 45	19 50	1 7	23 4	0s 1	15 47	1 21	9 36	0 52	15 26	2 10	12 5	0 45	M12
T 13	23 0	11 45	5 2	20 14	1 0	23 11	0 4	15 32	1 20	9 36	0 52	15 28	2 10	12 5	0 45	T 13
W14	23 4	15 26	5 0	20 36	0 52	23 17	0 6	15 16	1 19	9 35	0 52	15 29	2 10	12 5	0 45	W14
T 15	23 8	18 6	4 35	20 58	0 45	23 23	0 8	15 0	1 18	9 35	0 52	15 31	2 10	12 5	0 45	T 15
F 16	23 11	19 29	3 52	21 19	0 38	23 28	0 11	14 44	1 17	9 34	0 53	15 33	2 10	12 5	0 45	F 16
S 17	23 14	19 29	2 54	21 38	0 30	23 33	0 13	14 28	1 16	9 34	0 53	15 34	2 10	12 6	0 45	S 17
S 18	23 16	18 11	1 45	21 57	0 23	23 36	0 16	14 12	1 15	9 34	0 53	15 36	2 11	12 6	0 45	S 18
M19	23 18	15 48	0 32	22 15	0 16	23 39	0 18	13 55	1 14	9 34	0 53	15 37	2 11	12 6	0 45	M19
T 20	23 20	12 38	0s40	22 32	0 9	23 41	0 20	13 39	1 14	9 33	0 54	15 39	2 11	12 6	0 45	T 20
W21	23 21	8 55	1 48	22 48	0 1	23 43	0 23	13 22	1 13	9 33	0 54	15 41	2 11	12 7	0 45	W21
T 22	23 21	4 55	2 49	23 3	0s 6	23 44	0 25	13 6	1 12	9 33	0 54	15 42	2 11	12 7	0 45	T 22
F 23	23 21	0 49	3 40	23 16	0 13	23 44	0 27	12 49	1 11	9 34	0 54	15 44	2 11	12 7	0 45	F 23
S 24	23 21	3n14	4 20	23 29	0 19	23 43	0 30	12 32	1 10	9 34	0 55	15 45	2 11	12 8	0 45	S 24
S 25	23 20	7 6	4 48	23 40	0 26	23 41	0 32	12 15	1 9	9 34	0 55	15 47	2 11	12 8	0 45	S 25
M26	23 19	10 40	5 4	23 50	0 33	23 39	0 34	11 58	1 8	9 34	0 55	15 48	2 11	12 9	0 45	M26
T 27	23 17	13 48	5 7	23 59	0 39	23 36	0 36	11 40	1 7	9 35	0 55	15 49	2 12	12 9	0 45	T 27
W28	23 15	16 24	4 56	24 7	0 45	23 33	0 39	11 23	1 6	9 35	0 56	15 51	2 12	12 9	0 45	W28
T 29	23 12	18 18	4 33	24 13	0 52	23 28	0 41	11 5	1 5	9 36	0 56	15 52	2 12	12 10	0 46	T 29
F 30	23 9	19 25	3 57	24 18	0 58	23 23	0 43	10 48	1 4	9 36	0 56	15 54	2 12	12 10	0 46	F 30
S 31	23s 5	19n39	3s 9	24s22	1s 3	23s17	0s45	10s30	1s 3	9n37	0n56	15s55	2n12	12n11	0n46	S 31

Julian Day Number = 2682346.5, Delta T = 22m20s  
 Ecliptic obliquity = 23°21'18, Nutation = - 0°00'12  
 Ayanamsha: Fagan/Bradley = 33°34'46, Lahiri = 32°41'45

## ASTRODIENST EPHEMERIS for the year 2632

JANUARY 2632

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 39 43	9°27'58	24°38	5°12	16°30	6°16	7°26	21°28	29°53	14°29	13°47	19°58	21°40	28°31	14°23	S 1
M 2	6 43 39	10°29'01	7°12	6°47	17°16	6°52	7°24	21°34	29°51	14°31	13°46	19°52	21°37	28°38	14°23	M 2
T 3	6 47 36	11°30'04	19°45	8°21	18°31	7°38	7°22	21°39	29°50	14°33	13°45	19°55	21°34	28°45	14°22	T 3
W 4	6 51 32	12°31'08	2°13	9°56	19°47	8°24	7°20	21°45	29°48	14°35	13°44	19°55	21°31	28°51	14°22	W 4
T 5	6 55 29	13°32'12	15°40	11°30	21° 2	9°10	7°18	21°50	29°47	14°37	13°43	19°57	21°28	28°58	14°21	T 5
F 6	6 59 25	14°33'17	29° 0	13° 6	22°18	9°56	7°15	21°56	29°45	14°39	13°42	19°58	21°25	29° 5	14°20	F 6
S 7	7 3 22	15°34'23	12°38	14°41	23°33	10°42	7°13	22° 1	29°43	14°41	13°41	19°59	21°21	29°11	14°19	S 7
S 8	7 7 19	16°35'29	26°34	16°17	24°48	11°28	7°10	22° 6	29°42	14°43	13°40	19°59	21°18	29°18	14°18	S 8
M 9	7 11 15	17°36'36	10°49	17°52	26° 4	12°14	7° 7	22°11	29°40	14°45	13°39	19°57	21°15	29°25	14°17	M 9
T 10	7 15 12	18°37'43	25°21	19°29	27°19	13° 0	7° 4	22°16	29°38	14°47	13°38	19°54	21°12	29°32	14°16	T 10
W 11	7 19 8	19°38'51	10°14	21° 5	28°35	13°46	7° 1	22°21	29°37	14°49	13°37	19°49	21° 9	29°38	14°14	W 11
T 12	7 23 5	20°40'00	24°53	22°42	29°50	14°32	6°57	22°26	29°35	14°51	13°36	19°45	21° 5	29°45	14°13	T 12
F 13	7 27 1	21°41'08	9°34	24°19	1°55	15°18	6°53	22°31	29°33	14°53	13°35	19°41	21° 2	29°52	14°11	F 13
S 14	7 30 58	22°42'17	24°18	25°57	2°21	16° 4	6°50	22°36	29°31	14°55	13°34	19°38	20°59	29°58	14° 9	S 14
S 15	7 34 54	23°43'26	8°39	27°35	3°36	16°50	6°45	22°41	29°29	14°57	13°34	19°36	20°56	0°11	14° 8	S 15
M 16	7 38 51	24°44'35	22°37	29°13	4°52	17°36	6°41	22°45	29°27	14°58	13°33	19°35	20°53	0°12	14° 6	M 16
T 17	7 42 48	25°45'43	6°11	0°55	6° 7	18°22	6°37	22°50	29°25	15° 0	13°32	19°36	20°50	0°19	14° 4	T 17
W 18	7 46 44	26°46'51	19°21	2°30	7°22	19° 8	6°32	22°54	29°23	15° 2	13°31	19°38	20°46	0°25	14° 1	W 18
T 19	7 50 41	27°47'59	2°19	4°10	8°38	19°54	6°27	22°59	29°21	15° 4	13°30	19°39	20°43	0°32	13°59	T 19
F 20	7 54 37	28°49'07	14°33	5°49	9°53	20°40	6°23	23° 3	29°19	15° 6	13°30	19°41	20°40	0°39	13°57	F 20
S 21	7 58 34	29°50'13	26°44	7°29	11° 9	21°26	6°17	23° 7	29°17	15° 7	13°29	19°41	20°37	0°46	13°54	S 21
S 22	8 2 30	0°51'20	8°43	9° 9	12°24	22°12	6°12	23°11	29°14	15° 9	13°28	19°41	20°34	0°52	13°52	S 22
M 23	8 6 27	1°52'26	20°37	10°49	13°39	22°58	6° 7	23°15	29°12	15°11	13°27	19°40	20°31	0°59	13°49	M 23
T 24	8 10 23	2°53'31	2°18	12°29	14°55	23°44	6° 1	23°19	29°10	15°12	13°27	19°38	20°27	1° 6	13°47	T 24
W 25	8 14 20	3°54'36	14°23	14°10	16°10	24°30	5°56	23°23	29° 8	15°14	13°26	19°36	20°24	1°12	13°44	W 25
T 26	8 18 17	4°55'41	26°23	15°50	17°25	25°16	5°50	23°27	29° 5	15°16	13°25	19°34	20°21	1°19	13°41	T 26
F 27	8 22 13	5°56'45	8°33	17°31	18°40	26° 1	5°44	23°31	29° 3	15°17	13°25	19°31	20°18	1°26	13°38	F 27
S 28	8 26 10	6°57'48	20°54	19°11	19°56	26°47	5°38	23°34	29° 1	15°19	13°24	19°30	20°15	1°33	13°35	S 28
S 29	8 30 6	7°58'51	3°27	20°51	21°11	27°33	5°31	23°38	28°58	15°20	13°24	19°28	20°11	1°39	13°32	S 29
M 30	8 34 3	8°59'53	16°14	22°30	22°26	28°19	5°25	23°41	28°56	15°22	13°23	19°28	20° 8	1°46	13°28	M 30
T 31	8 37 59	10°00'54	29°14	24° 8	23°41	29°16	5°19	23°45	28°53	15°23	13°22	19°28	20° 5	1°53	13°25	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	23s 1	18n57	2s13	24s24	1s 9	23s11	0s47	10s12	1s 2	9n38	0n57	15s56	2n12	12n11	0n46	S 1
M 2	22 57	17 19	1 9	24 25	1 15	23 3	0 49	9 54	1 1	9 39	0 57	15 58	2 12	12 12	0 46	M 2
T 3	22 52	14 50	0 1	24 25	1 20	22 55	0 51	9 36	1 0	9 40	0 57	15 59	2 12	12 12	0 46	T 3
W 4	22 46	11 35	1n 9	24 24	1 25	22 47	0 53	9 18	0 59	9 41	0 57	16 0	2 13	12 13	0 46	W 4
T 5	22 40	7 43	2 16	24 21	1 30	22 37	0 55	9 0	0 58	9 42	0 58	16 1	2 13	12 13	0 46	T 5
F 6	22 34	3 25	3 17	24 17	1 34	22 27	0 57	8 42	0 57	9 43	0 58	16 3	2 13	12 14	0 46	F 6
S 7	22 27	1s 9	4 9	24 11	1 39	22 17	0 59	8 24	0 56	9 44	0 58	16 4	2 13	12 15	0 46	S 7
S 8	22 20	5 45	4 47	24 4	1 43	22 5	1 1	8 6	0 55	9 45	0 58	16 5	2 13	12 15	0 46	S 8
M 9	22 12	10 8	5 8	23 56	1 47	21 53	1 2	7 47	0 55	9 47	0 59	16 6	2 13	12 16	0 46	M 9
T 10	22 4	14 0	5 11	23 46	1 50	21 40	1 4	7 29	0 54	9 48	0 59	16 7	2 13	12 17	0 46	T 10
W 11	21 55	17 3	4 53	23 35	1 53	21 27	1 6	7 10	0 53	9 49	0 59	16 8	2 14	12 17	0 46	W 11
T 12	21 46	19 0	4 16	23 22	1 56	21 13	1 8	6 52	0 52	9 51	0 59	16 9	2 14	12 18	0 46	T 12
F 13	21 37	19 39	3 21	23 8	1 59	20 58	1 9	6 33	0 51	9 53	1 0	16 11	2 14	12 19	0 46	F 13
S 14	21 27	18 58	2 14	22 52	2 1	20 43	1 11	6 15	0 50	9 54	1 0	16 12	2 14	12 19	0 46	S 14
S 15	21 17	17 4	1 0	22 35	2 3	20 27	1 12	5 56	0 49	9 56	1 0	16 13	2 14	12 20	0 46	S 15
M 16	21 6	14 11	0s17	22 17	2 5	20 11	1 14	5 37	0 48	9 58	1 0	16 14	2 14	12 21	0 46	M 16
T 17	20 55	10 36	1 30	21 57	2 6	19 53	1 15	5 18	0 47	10 0	1 1	16 15	2 15	12 21	0 46	T 17
W 18	20 44	6 36	2 37	21 36	2 7	19 36	1 16	4 59	0 46	10 1	1 1	16 15	2 15	12 22	0 46	W 18
T 19	20 32	2 25	3 33	21 13	2 8	19 18	1 18	4 41	0 45	10 3	1 1	16 16	2 15	12 23	0 46	T 19
F 20	20 19	1n45	4 18	20 49	2 8	18 59	1 19	4 22	0 44	10 5	1 1	16 17	2 15	12 24	0 46	F 20
S 21	20 7	5 45	4 51	20 24	2 8	18 39	1 20	4 3	0 43	10 8	1 2	16 18	2 15	12 24	0 46	S 21
S 22	19 54	9 28	5 10	19 57	2 7	18 19	1 21	3 44	0 42	10 10	1 2	16 19	2 16	12 25	0 46	S 22
M 23	19 40	12 46	5 15	19 28	2 5	17 59	1 22	3 25	0 41	10 12	1 2	16 20	2 16	12 26	0 46	M 23
T 24	19 27	15 33	5 8	18 58	2 4	17 38	1 23	3 6	0 40	10 14	1 2	16 21	2 16	12 27	0 46	T 24
W 25	19 13	17 42	4 47	18 27	2 1	17 17	1 24	2 47	0 40	10 16	1 2	16 21	2 16	12 28	0 46	W 25
T 26	18 58	19 6	4 13	17 55	1 58	16 55	1 25	2 28	0 39	10 19	1 3	16 22	2 16	12 29	0 46	T 26
F 27	18 43	19 38	3 27	17 21	1 55	16 32	1 26	2 9	0 38	10 21	1 3	16 23	2 16	12 29	0 46	F 27
S 28	18 28	19 14	2 32	16 46	1 51	16 10	1 27	1 50	0 37	10 24	1 3	16 24	2 17	12 30	0 46	S 28
S 29	18 13	17 54	1 28	16 10	1 46	15 46	1 28	1 31	0 36	10 26	1 3	16 24	2 17	12 31	0 46	S 29
M 30	17 57	15 38	0 18	15 33	1 41	15 23	1 28	1 12	0 35	10 29	1 3	16 25	2 17	12 32	0 46	M 30
T 31	17s40	12n32	0n54	14s55	1s34	14s58	1s29	0s53	0s34	10n31	1n 4	16s26	2n17	12n33	0n46	T 31

Julian Day Number = 2682377.5, Delta T = 22m20s

Ecliptic obliquity = 23°21'18, Nutation = - 0°00'10

Ayanamsha: Fagan/Bradley = 33°34'50, Lahiri = 32°41'50



# ASTRODIENST EPHEMERIS for the year 2632

MARCH 2632

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 36 16	10 <sup>h</sup> 25'18"	5 <sup>h</sup> 41'	2°R15	1°Y10	21°Y45	1°R31	24 <sup>h</sup> 40'	27°R36	15°255	13 <sup>h</sup> 15'	19°R26	18 <sup>h</sup> 30'	5 <sup>h</sup> 14'	11°R19	T 1
F 2	10 40 13	11°25'46"	19°47'	1 <sup>h</sup> 17'	2°25	22°30	1 <sup>h</sup> 23'	24°41'	27 <sup>h</sup> 034	15°55	13°15	19 <sup>h</sup> 023	18°27	5°21	11 <sup>h</sup> 15'	F 2
S 3	10 44 9	12°26'13"	4 <sup>h</sup> 1'	0°25	3°39	23°15	1°15	24°41'	27°31	15°56	13°15	19°20	18°23	5°28	11°10	S 3
S 4	10 48 6	13°26'39"	18°17'	29°39	4°54	24° 0	1° 8	24°R41	27°29	15°56	13°15	19°17	18°20	5°34	11° 5	S 4
M 5	10 52 2	14°27'03"	2 <sup>h</sup> 33'	29° 1	6° 8	24°44	1° 0	24°41	27°26	15°57	13°15	19°15	18°17	5°41	11° 1	M 5
T 6	10 55 59	15°27'27"	16°45'	28°29	7°23	25°29	0°53	24°41	27°24	15°57	13°15	19°D15	18°14	5°48	10°56	T 6
W 7	10 59 55	16°27'49"	0 <sup>h</sup> 351	28° 5	8°37	26°14	0°45	24°40	27°21	15°58	13°16	19°16	18°11	5°55	10°51	W 7
T 8	11 3 52	17°28'09"	14°50'	27°49	9°51	26°58	0°38	24°40	27°19	15°58	13°16	19°17	18° 8	6° 1	10°47	T 8
F 9	11 7 48	18°28'29"	28°41'	27°39	11° 6	27°43	0°31	24°39	27°16	15°58	13°16	19°19	18° 4	6° 8	10°42	F 9
S 10	11 11 45	19°28'46"	12°22'	27°D37	12°20	28°27	0°23	24°39	27°14	15°59	13°16	19°20	18° 1	6°15	10°37	S 10
S 11	11 15 42	20°29'02"	25°52'	27°41	13°34	29°12	0°16	24°38	27°12	15°59	13°17	19°R20	17°58	6°21	10°33	S 11
M12	11 19 38	21°29'17"	9 <sup>h</sup> 11'	27°51	14°48	29°56	0° 9	24°37	27° 9	15°59	13°17	19°18	17°55	6°28	10°28	M12
T 13	11 23 35	22°29'30"	22°17'	28° 7	16° 3	0 <sup>h</sup> 41	0° 2	24°37	27° 7	15°59	13°17	19°15	17°52	6°35	10°24	T 13
W14	11 27 31	23°29'41"	5 <sup>h</sup> Y 9	28°29	17°17	1°25	29 <sup>h</sup> 056	24°36	27° 5	15°59	13°18	19°10	17°48	6°42	10°19	W14
T 15	11 31 28	24°29'50"	17°47'	28°56	18°31	2° 9	29°49	24°35	27° 2	15°59	13°18	19° 4	17°45	6°48	10°15	T 15
F 16	11 35 24	25°29'57"	0 <sup>h</sup> 811	29°27	19°45	2°54	29°42	24°33	27° 0	16° 0	13°18	18°57	17°42	6°55	10°10	F 16
S 17	11 39 21	26°30'03"	12°22'	0 <sup>h</sup> 8 3	20°59	3°38	29°36	24°32	26°58	16° 0	13°19	18°50	17°39	7° 2	10° 6	S 17
S 18	11 43 17	27°30'06"	24°24'	0°44	22°13	4°22	29°30	24°31	26°56	16°R 0	13°19	18°45	17°36	7° 8	10° 2	S 18
M19	11 47 14	28°30'08"	6 <sup>h</sup> 118	1°28	23°27	5° 6	29°24	24°29	26°54	16° 0	13°20	18°40	17°33	7°15	9°57	M19
T 20	11 51 10	29°30'07"	18°10'	2°15	24°41	5°50	29°17	24°28	26°52	16° 0	13°20	18°38	17°29	7°22	9°53	T 20
W21	11 55 7	0 <sup>h</sup> Y30'04"	0 <sup>h</sup> 2 2	3° 6	25°55	6°34	29°12	24°26	26°49	15°59	13°21	18°D37	17°26	7°29	9°49	W21
T 22	11 59 4	1°29'59"	12° 2	4° 1	27° 9	7°19	29° 6	24°24	26°47	15°59	13°21	18°38	17°23	7°35	9°45	T 22
F 23	12 3 0	2°29'52"	24°13'	4°58	28°22	8° 2	29° 0	24°22	26°45	15°59	13°22	18°39	17°20	7°42	9°41	F 23
S 24	12 6 57	3°29'43"	6 <sup>h</sup> 040	5°58	29°36	8°46	28°55	24°20	26°44	15°59	13°22	18°40	17°17	7°49	9°37	S 24
S 25	12 10 53	4°29'31"	19°28'	7° 0	0 <sup>h</sup> 50	9°30	28°49	24°18	26°42	15°59	13°23	18°R41	17°14	7°55	9°33	S 25
M26	12 14 50	5°29'18"	2 <sup>h</sup> 140	8° 5	2° 4	10°14	28°44	24°16	26°40	15°58	13°23	18°40	17°10	8° 2	9°29	M26
T 27	12 18 46	6°29'02"	16°17'	9°12	3°17	10°58	28°39	24°14	26°38	15°58	13°24	18°37	17° 7	8° 9	9°25	T 27
W28	12 22 43	7°28'44"	0 <sup>h</sup> 117	10°22	4°31	11°42	28°34	24°12	26°36	15°58	13°25	18°32	17° 4	8°16	9°21	W28
T 29	12 26 39	8°28'24"	14°38'	11°34	5°44	12°25	28°30	24° 9	26°34	15°58	13°25	18°25	17° 1	8°22	9°17	T 29
F 30	12 30 36	9°28'03"	29°14'	12°47	6°58	13° 9	28°25	24° 7	26°33	15°57	13°26	18°17	16°58	8°29	9°13	F 30
S 31	12 34 33	10°Y27'39"	13 <sup>h</sup> 156	14 <sup>h</sup> 8 3	8 <sup>h</sup> 11	13 <sup>h</sup> 53	28 <sup>h</sup> 021	24 <sup>h</sup> 4 4	26 <sup>h</sup> 031	15 <sup>h</sup> 257	13 <sup>h</sup> 127	18 <sup>h</sup> 0 8	16 <sup>h</sup> 054	8 <sup>h</sup> 136	9 <sup>h</sup> 10	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	7s38	1n14	3n47	7s22	3n30	0s41	1s15	8n20	0s 8	11n57	1n 7	16s33	2n24	13n 0	0n47	21s 5
F 2	7 15	3s29	4 33	7 49	3 23	0 10	1 14	8 37	0 7	12 0	1 7	16 33	2 24	13 1	0 47	21 5
S 3	6 52	8 3	5 3	8 16	3 14	0n21	1 12	8 54	0 6	12 2	1 7	16 32	2 24	13 1	0 47	21 5
S 4	6 29	12 11	5 14	8 42	3 3	0 52	1 10	9 11	0 6	12 5	1 7	16 32	2 24	13 2	0 47	21 5
M 5	6 6	15 36	5 6	9 6	2 52	1 22	1 9	9 29	0 5	12 8	1 7	16 32	2 25	13 3	0 47	21 5
T 6	5 43	18 4	4 39	9 28	2 33	1 53	1 7	9 46	0 4	12 11	1 8	16 32	2 25	13 4	0 47	21 5
W 7	5 19	19 26	3 55	9 48	2 26	2 24	1 5	10 2	0 3	12 13	1 8	16 32	2 25	13 5	0 47	21 5
T 8	4 56	19 35	2 58	10 7	2 13	2 55	1 3	10 19	0 2	12 16	1 8	16 31	2 25	13 6	0 47	21 5
F 9	4 33	18 33	1 51	10 23	1 59	3 26	1 1	10 36	0 2	12 18	1 8	16 31	2 25	13 6	0 47	21 5
S 10	4 9	16 25	0 38	10 36	1 45	3 57	1 0	10 53	0 1	12 21	1 8	16 31	2 26	13 7	0 47	21 5
S 11	3 45	13 25	0s36	10 48	1 32	4 27	0 58	11 9	0 0	12 23	1 8	16 30	2 26	13 8	0 47	21 5
M12	3 22	9 45	1 46	10 57	1 18	4 58	0 55	11 25	0n 1	12 26	1 8	16 30	2 26	13 9	0 47	21 5
T 13	2 58	5 40	2 50	11 4	1 5	5 28	0 53	11 42	0 1	12 28	1 8	16 29	2 26	13 10	0 47	21 5
W14	2 34	1 24	3 44	11 9	0 51	5 58	0 51	11 58	0 2	12 31	1 8	16 29	2 26	13 10	0 47	21 5
T 15	2 11	2n51	4 26	11 12	0 38	6 29	0 49	12 14	0 3	12 33	1 8	16 29	2 27	13 11	0 47	21 5
F 16	1 47	6 54	4 54	11 13	0 26	6 59	0 47	12 30	0 4	12 35	1 8	16 28	2 27	13 12	0 47	21 4
S 17	1 23	10 36	5 8	11 12	0 14	7 29	0 44	12 45	0 4	12 38	1 8	16 28	2 27	13 13	0 46	21 4
S 18	0 59	13 49	5 9	11 9	0 2	7 58	0 42	13 1	0 5	12 40	1 7	16 27	2 27	13 13	0 46	21 4
M19	0 36	16 26	4 56	11 4	0s10	8 28	0 40	13 16	0 6	12 42	1 7	16 26	2 27	13 14	0 46	21 4
T 20	0 12	18 21	4 30	10 57	0 21	8 57	0 37	13 32	0 7	12 44	1 7	16 26	2 28	13 15	0 46	21 4
W21	0n12	19 28	3 53	10 49	0 31	9 26	0 35	13 47	0 7	12 46	1 7	16 25	2 28	13 15	0 46	21 4
T 22	0 36	19 44	3 5	10 39	0 41	9 55	0 32	14 2	0 8	12 48	1 7	16 25	2 28	13 16	0 46	21 4
F 23	0 59	19 5	2 9	10 27	0 51	10 24	0 29	14 17	0 9	12 50	1 7	16 24	2 28	13 17	0 46	21 4
S 24	1 23	17 30	1 5	10 13	1 0	10 52	0 27	14 32	0 10	12 52	1 7	16 23	2 28	13 17	0 46	21 4
S 25	1 47	15 0	0n 4	9 59	1 9	11 21	0 24	14 46	0 10	12 54	1 7	16 23	2 29	13 18	0 46	21 4
M26	2 10	11 39	1 15	9 42	1 17	11 49	0 21	15 1	0 11	12 55	1 7	16 22	2 29	13 19	0 46	21 4
T 27	2 34	7 36	2 23	9 24	1 25	12 16	0 19	15 15	0 12	12 57	1 7	16 21	2 29	13 19	0 46	21 4
W28	2 57	3 1	3 25	9 5	1 32	12 44	0 16	15 29	0 12	12 59	1 7	16 21	2 29	13 20	0 46	21 4
T 29	3 21	1s49	4 15	8 44	1 39	13 11	0 13	15 43	0 13	13 0	1 7	16 20	2 29	13 20	0 46	21 4
F 30	3 44	6 38	4 50	8 22	1 46	13 38	0 10	15 57	0 14	13 2	1 7	16 19	2 29	13 21	0 46	21 4
S 31	4n 8	11s 6	5n 5	7s58	1s52	14n 4	0s 8	16n11	0n14	13n 3	1n 7	16s18	2n30	13n21	0n46	21s 3

Julian Day Number = 2682437.5, Delta T = 22m21s  
 Ecliptic obliquity = 23°21'19", Nutation = - 0°00'11"  
 Ayanamsha: Fagan/Bradley = 33°34'58", Lahiri = 32°41'58"

## ASTRODIENST EPHEMERIS for the year 2632

APRIL 2632

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 38 29	11°27'14"	28°39'	15°20'	9°24'	14°36'	28°17'	24°R 1	26°R29	15°R56	13°27'	18°R 1	16°51'	8°42'	9°R 6	S 1
M 2	12 42 26	12°26'47"	13°14'	16°39'	10°38'	15°20'	28°13'	23°M59	26°M28	15°M56	13°28'	17°M56	16°48'	8°49'	9°M 3	M 2
T 3	12 46 22	13°26'18"	27°36'	18° 0'	11°51'	16° 3'	28° 9'	23°56'	26°26'	15°55'	13°29'	17°52'	16°45'	8°56'	8°59'	T 3
W 4	12 50 19	14°25'48"	11°34'	19°23'	13° 4'	16°47'	28° 5'	23°53'	26°25'	15°55'	13°30'	17°D51	16°42'	9° 3'	8°56'	W 4
T 5	12 54 15	15°25'16"	25°35'	20°47'	14°17'	17°30'	28° 1'	23°50'	26°23'	15°54'	13°30'	17°52'	16°39'	9° 9'	8°53'	T 5
F 6	12 58 12	16°24'42"	9°31'10"	22°13'	15°30'	18°13'	27°58'	23°47'	26°22'	15°54'	13°31'	17°52'	16°35'	9°16'	8°50'	F 6
S 7	13 2 8	17°24'06"	22°31'	23°40'	16°43'	18°57'	27°55'	23°44'	26°20'	15°53'	13°32'	17°R53	16°32'	9°23'	8°47'	S 7
S 8	13 6 5	18°23'29"	5°38'	25° 9'	17°56'	19°40'	27°52'	23°41'	26°19'	15°52'	13°33'	17°51'	16°29'	9°29'	8°44'	S 8
M 9	13 10 2	19°22'50"	18°34'	26°39'	19° 9'	20°23'	27°49'	23°37'	26°18'	15°52'	13°34'	17°47'	16°26'	9°36'	8°41'	M 9
T 10	13 13 58	20°22'09"	1°19'	28°11'	20°22'	21° 6'	27°47'	23°34'	26°16'	15°51'	13°34'	17°40'	16°23'	9°43'	8°38'	T 10
W 11	13 17 55	21°21'26"	13°53'	29°44'	21°35'	21°49'	27°44'	23°30'	26°15'	15°50'	13°35'	17°31'	16°19'	9°50'	8°35'	W 11
T 12	13 21 51	22°20'41"	26°17'	1°19'	22°47'	22°32'	27°42'	23°27'	26°14'	15°49'	13°36'	17°20'	16°16'	9°56'	8°33'	T 12
F 13	13 25 48	23°19'54"	8°32'	2°55'	24° 0'	23°16'	27°40'	23°23'	26°13'	15°49'	13°37'	17° 7'	16°13'	10° 3'	8°30'	F 13
S 14	13 29 44	24°19'05"	20°37'	4°32'	25°13'	23°59'	27°38'	23°20'	26°12'	15°48'	13°38'	16°55'	16°10'	10°10'	8°28'	S 14
S 15	13 33 41	25°18'13"	2°35'	6°11'	26°25'	24°41'	27°36'	23°16'	26°11'	15°47'	13°39'	16°43'	16° 7'	10°16'	8°25'	S 15
M 16	13 37 37	26°17'20"	14°27'	7°52'	27°38'	25°24'	27°35'	23°12'	26°10'	15°46'	13°40'	16°34'	16° 4'	10°23'	8°23'	M 16
T 17	13 41 34	27°16'25"	26°17'	9°34'	28°50'	26° 7'	27°34'	23° 8'	26° 9'	15°45'	13°41'	16°27'	16° 0'	10°30'	8°21'	T 17
W 18	13 45 30	28°15'27"	8°28'	11°17'	0°11'	26°50'	27°33'	23° 5'	26° 8'	15°44'	13°42'	16°23'	15°57'	10°37'	8°19'	W 18
T 19	13 49 27	29°14'27"	20° 5'	13° 2'	1°15'	27°33'	27°32'	23° 1'	26° 8'	15°43'	13°43'	16°21'	15°54'	10°43'	8°17'	T 19
F 20	13 53 24	0°13'25"	2°13'	14°49'	2°27'	28°15'	27°31'	22°57'	26° 7'	15°42'	13°44'	16°D21	15°51'	10°50'	8°15'	F 20
S 21	13 57 20	1°12'21"	14°37'	16°37'	3°40'	28°58'	27°30'	22°53'	26° 6'	15°41'	13°45'	16°R21	15°48'	10°57'	8°13'	S 21
S 22	14 1 17	2°11'14"	27°23'	18°26'	4°52'	29°41'	27°30'	22°49'	26° 6'	15°40'	13°46'	16°21'	15°45'	11° 3'	8°11'	S 22
M 23	14 5 13	3°10'05"	10°14'	20°17'	6° 4'	0°12'	27°D30	22°44'	26° 5'	15°39'	13°47'	16°19'	15°41'	11°10'	8°10'	M 23
T 24	14 9 10	4° 8'54"	24°14'	22° 9'	7°16'	1° 6'	27°30'	22°40'	26° 5'	15°38'	13°48'	16°14'	15°38'	11°17'	8° 8'	T 24
W 25	14 13 6	5° 7'40"	8°22'	24° 3'	8°28'	1°48'	27°30'	22°36'	26° 4'	15°37'	13°49'	16° 7'	15°35'	11°23'	8° 7'	W 25
T 26	14 17 3	6° 6'25"	22°57'	25°59'	9°39'	2°31'	27°31'	22°32'	26° 4'	15°36'	13°50'	15°58'	15°32'	11°30'	8° 6'	T 26
F 27	14 20 59	7° 5'07"	7°11'	27°56'	10°51'	3°13'	27°31'	22°28'	26° 3'	15°34'	13°52'	15°47'	15°29'	11°37'	8° 5'	F 27
S 28	14 24 56	8° 3'48"	22°57'	29°54'	12° 3'	3°55'	27°32'	22°23'	26° 3'	15°33'	13°53'	15°36'	15°25'	11°44'	8° 4'	S 28
S 29	14 28 53	9° 2'27"	8°31'	1°18'	13°14'	4°38'	27°33'	22°19'	26° 3'	15°32'	13°54'	15°26'	15°22'	11°50'	8° 3'	S 29
M 30	14 32 49	10°1'04"	23°11'	3°56'	14°12'	5°12'	27°34'	22°15'	26° 2'	15°31'	13°55'	15°21'	15°19'	11°57'	8° 2'	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	4n31	14s53	5n 1	7s34	1s57	14n30	0s 5	16n24	0n15	13n 5	1n 7	16s18	2n30	13n22	0n46	21s 3
M 2	4 54	17 43	4 37	7 8	2 2	14 56	0 2	16 38	0 16	13 6	1 7	16 17	2 30	13 23	0 46	21 3
T 3	5 17	19 24	3 56	6 41	2 7	15 21	0n 1	16 51	0 16	13 7	1 7	16 16	2 30	13 23	0 46	21 3
W 4	5 40	19 50	3 1	6 12	2 11	15 46	0 4	17 4	0 17	13 8	1 7	16 15	2 30	13 24	0 46	21 3
T 5	6 3	19 3	1 56	5 42	2 15	16 11	0 7	17 17	0 18	13 9	1 6	16 14	2 30	13 24	0 46	21 3
F 6	6 26	17 9	0 46	5 12	2 18	16 35	0 10	17 29	0 18	13 11	1 6	16 13	2 31	13 24	0 46	21 3
S 7	6 49	14 21	0s25	4 40	2 21	16 59	0 13	17 42	0 19	13 12	1 6	16 12	2 31	13 25	0 46	21 3
S 8	7 11	10 52	1 33	4 7	2 23	17 22	0 16	17 54	0 20	13 12	1 6	16 11	2 31	13 25	0 46	21 3
M 9	7 34	6 54	2 36	3 33	2 25	17 45	0 19	18 7	0 20	13 13	1 6	16 11	2 31	13 26	0 46	21 3
T 10	7 56	2 41	3 30	2 58	2 26	18 8	0 22	18 19	0 21	13 14	1 6	16 10	2 31	13 26	0 46	21 2
W 11	8 18	1n35	4 12	2 21	2 27	18 30	0 25	18 30	0 22	13 15	1 6	16 9	2 31	13 26	0 46	21 2
T 12	8 40	5 43	4 42	1 44	2 27	18 51	0 28	18 42	0 22	13 16	1 6	16 8	2 31	13 27	0 46	21 2
F 13	9 2	9 35	4 59	1 6	2 27	19 12	0 31	18 53	0 23	13 16	1 6	16 7	2 31	13 27	0 46	21 2
S 14	9 24	13 0	5 1	0 27	2 27	19 33	0 34	19 5	0 23	13 17	1 6	16 6	2 32	13 27	0 46	21 2
S 15	9 45	15 51	4 51	0n13	2 26	19 53	0 37	19 16	0 24	13 17	1 5	16 5	2 32	13 28	0 46	21 2
M 16	10 7	18 1	4 28	0 54	2 24	20 13	0 40	19 27	0 25	13 18	1 5	16 4	2 32	13 28	0 46	21 2
T 17	10 28	19 25	3 53	1 36	2 22	20 32	0 43	19 37	0 25	13 18	1 5	16 3	2 32	13 28	0 46	21 2
W 18	10 49	19 59	3 8	2 19	2 20	20 50	0 46	19 48	0 26	13 18	1 5	16 2	2 32	13 29	0 46	21 1
T 19	11 10	19 38	2 15	3 2	2 17	21 8	0 49	19 58	0 26	13 18	1 5	16 0	2 32	13 29	0 46	21 1
F 20	11 31	18 23	1 14	3 46	2 13	21 26	0 52	20 9	0 27	13 19	1 5	15 59	2 32	13 29	0 46	21 1
S 21	11 51	16 15	0 9	4 31	2 9	21 43	0 55	20 18	0 28	13 19	1 5	15 58	2 32	13 29	0 46	21 1
S 22	12 11	13 15	0n58	5 17	2 4	21 59	0 58	20 28	0 28	13 19	1 5	15 57	2 32	13 29	0 45	21 1
M 23	12 32	9 30	2 5	6 3	1 59	22 15	1 1	20 38	0 29	13 19	1 5	15 56	2 32	13 30	0 45	21 1
T 24	12 51	5 8	3 6	6 50	1 54	22 30	1 4	20 47	0 29	13 18	1 4	15 55	2 32	13 30	0 45	21 1
W 25	13 11	0 21	3 58	7 38	1 48	22 44	1 7	20 56	0 30	13 18	1 4	15 54	2 32	13 30	0 45	21 0
T 26	13 31	4s36	4 37	8 26	1 41	22 58	1 10	21 5	0 30	13 18	1 4	15 53	2 32	13 30	0 45	21 0
F 27	13 50	9 23	4 58	9 14	1 34	23 11	1 12	21 14	0 31	13 18	1 4	15 52	2 33	13 30	0 45	21 0
S 28	14 9	13 38	4 58	10 3	1 27	23 24	1 15	21 23	0 32	13 17	1 4	15 51	2 33	13 30	0 45	21 0
S 29	14 28	17 0	4 38	10 51	1 19	23 36	1 18	21 31	0 32	13 17	1 4	15 49	2 33	13 30	0 45	21 0
M 30	14n46	19s12	3n58	11n40	1s11	23n47	1n21	21n39	0n33	13n16	1n 4	15s48	2n33	13n30	0n45	21s 0

Julian Day Number = 2682468.5, Delta T = 22m21s

Ecliptic obliquity = 23°21'20", Nutation = - 0°00'13"

Ayanamsha: Fagan/Bradley = 33°35'02", Lahiri = 32°42'02"

## ASTRODIENST EPHEMERIS for the year 2632

MAY 2632

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 36 46	10♌59'39	7♌41	5♌58	15♌37	6♌2	27♌35	22°R10	26°R 2	15°R30	13♌56	15°R12	15♌16	12♌4	8°R 1	T 1
W 2	14 40 42	11°58'13	22° 0	8° 3	16°49	6°44	27°37	22♌6	26♌2	15°R28	13°57	15♌10	15°13	12°10	8♌1	W 2
T 3	14 44 39	12°56'45	5♌56	10° 8	18° 0	7°26	27°39	22° 1	26°D 2	15°27	13°58	15° 9	15°10	12°17	8° 0	T 3
F 4	14 48 35	13°55'16	19°30	12°14	19°11	8° 8	27°40	21°57	26° 2	15°26	14° 0	15° 9	15° 6	12°24	8° 0	F 4
S 5	14 52 32	14°53'45	2♌42	14°21	20°22	8°51	27°42	21°52	26° 2	15°24	14° 1	15° 8	15° 3	12°31	7°59	S 5
S 6	14 56 28	15°52'13	15°38	16°29	21°33	9°32	27°45	21°48	26° 2	15°23	14° 2	15° 6	15° 0	12°37	7°59	S 6
M 7	15 0 25	16°50'39	28°18	18°38	22°44	10°14	27°47	21°43	26° 3	15°22	14° 3	15° 1	14°57	12°44	7°D59	M 7
T 8	15 4 22	17°49'03	10♌47	20°47	23°55	10°56	27°50	21°39	26° 3	15°20	14° 5	14°53	14°54	12°51	7°59	T 8
W 9	15 8 18	18°47'25	23° 6	22°56	25° 6	11°38	27°52	21°34	26° 3	15°19	14° 6	14°43	14°51	12°57	7°59	W 9
T 10	15 12 15	19°45'46	5♌17	25° 5	26°17	12°20	27°55	21°30	26° 3	15°18	14° 7	14°30	14°47	13° 4	8° 0	T 10
F 11	15 16 11	20°44'06	17°21	27°14	27°27	13° 2	27°59	21°25	26° 4	15°16	14° 8	14°16	14°44	13°11	8° 0	F 11
S 12	15 20 8	21°42'23	29°19	29°21	28°38	13°43	28° 2	21°21	26° 4	15°15	14°10	14° 2	14°41	13°17	8° 0	S 12
S 13	15 24 4	22°40'39	11♌12	1♌28	29°48	14°25	28° 5	21°16	26° 5	15°13	14°11	13°49	14°38	13°24	8° 1	S 13
M14	15 28 1	23°38'53	23° 2	3°33	0♌59	15° 7	28° 9	21°11	26° 5	15°12	14°12	13°38	14°35	13°31	8° 2	M14
T 15	15 31 57	24°37'05	4♌51	5°37	2° 9	15°48	28°13	21° 7	26° 6	15°10	14°13	13°30	14°31	13°38	8° 2	T 15
W16	15 35 54	25°35'16	16°43	7°39	3°19	16°30	28°17	21° 2	26° 7	15° 9	14°15	13°25	14°28	13°44	8° 3	W16
T 17	15 39 51	26°33'24	28°40	9°38	4°29	17°11	28°21	20°58	26° 7	15° 7	14°16	13°22	14°25	13°51	8° 4	T 17
F 18	15 43 47	27°31'31	10♌47	11°36	5°39	17°53	28°25	20°53	26° 8	15° 6	14°17	13°D21	14°22	13°58	8° 6	F 18
S 19	15 47 44	28°29'36	23° 9	13°30	6°49	18°34	28°30	20°49	26° 9	15° 4	14°19	13°R21	14°19	14° 4	8° 7	S 19
S 20	15 51 40	29°27'39	5♌51	15°22	7°59	19°16	28°34	20°44	26°10	15° 3	14°20	13°21	14°16	14°11	8° 8	S 20
M21	15 55 37	0♌25'40	18°57	17°11	9° 9	19°57	28°39	20°40	26°11	15° 1	14°21	13°20	14°12	14°18	8°10	M21
T 22	15 59 33	1°23'39	2♌32	18°56	10°18	20°38	28°44	20°35	26°12	15° 0	14°23	13°17	14° 9	14°25	8°11	T 22
W23	16 3 30	2°21'36	16°37	20°39	11°28	21°20	28°49	20°31	26°13	14°58	14°24	13°11	14° 6	14°31	8°13	W23
T 24	16 7 26	3°19'31	1♌10	22°18	12°37	22° 1	28°54	20°27	26°14	14°56	14°25	13° 3	14° 3	14°38	8°15	T 24
F 25	16 11 23	4°17'25	16° 8	23°54	13°46	22°42	29° 0	20°22	26°15	14°55	14°27	12°53	14° 0	14°45	8°17	F 25
S 26	16 15 20	5°15'18	1♌21	25°26	14°55	23°23	29° 5	20°18	26°16	14°53	14°28	12°44	13°57	14°51	8°19	S 26
S 27	16 19 16	6°13'08	16°40	26°55	16° 4	24° 4	29°11	20°14	26°17	14°52	14°29	12°35	13°53	14°58	8°21	S 27
M28	16 23 13	7°10'58	1♌52	28°20	17°13	24°45	29°17	20° 9	26°19	14°50	14°31	12°27	13°50	15° 5	8°23	M28
T 29	16 27 9	8° 8'46	16°48	29°41	18°22	25°26	29°23	20° 5	26°20	14°48	14°32	12°23	13°47	15°11	8°25	T 29
W30	16 31 6	9° 6'34	1♌22	0♌59	19°30	26° 7	29°29	20° 1	26°21	14°47	14°33	12°20	13°44	15°18	8°28	W30
T 31	16 35 2	10♌41'19	15♌29	2♌13	20♌39	26♌48	29♌35	19♌57	26♌23	14♌45	14♌35	12°D20	13♌41	15♌25	8♌30	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	15n 4	20s 4	3n 4	12n30	1s 2	23n58	1n23	21n47	0n33	13n16	1n 4	15s47	2n33	13n30	0n45	T 1
W 2	15 22	19 36	1 59	13 18	0 53	24 8	1 26	21 55	0 34	13 15	1 3	15 46	2 33	13 30	0 45	W 2
T 3	15 40	17 56	0 48	14 7	0 43	24 17	1 29	22 2	0 34	13 14	1 3	15 45	2 33	13 30	0 45	T 3
F 4	15 58	15 17	0 283	14 55	0 33	24 26	1 31	22 10	0 35	13 14	1 3	15 44	2 33	13 30	0 45	F 4
S 5	16 15	11 54	1 31	15 43	0 23	24 34	1 34	22 17	0 35	13 13	1 3	15 43	2 33	13 30	0 45	S 5
S 6	16 32	8 0	2 34	16 30	0 13	24 41	1 36	22 24	0 36	13 12	1 3	15 41	2 33	13 30	0 45	S 6
M 7	16 49	3 50	3 27	17 16	0 3	24 48	1 39	22 30	0 36	13 11	1 3	15 40	2 33	13 30	0 45	M 7
T 8	17 5	0n26	4 9	18 1	0n 8	24 54	1 41	22 37	0 37	13 10	1 3	15 39	2 33	13 30	0 45	T 8
W 9	17 21	4 37	4 39	18 45	0 19	24 59	1 44	22 43	0 37	13 9	1 3	15 38	2 33	13 30	0 45	W 9
T 10	17 37	8 35	4 56	19 27	0 29	25 4	1 46	22 49	0 38	13 8	1 3	15 37	2 33	13 29	0 45	T 10
F 11	17 52	12 10	4 59	20 7	0 40	25 8	1 48	22 55	0 38	13 7	1 2	15 36	2 33	13 29	0 45	F 11
S 12	18 8	15 13	4 49	20 45	0 50	25 11	1 50	23 1	0 39	13 5	1 2	15 35	2 33	13 29	0 45	S 12
S 13	18 23	17 38	4 27	21 22	1 0	25 14	1 52	23 6	0 39	13 4	1 2	15 33	2 33	13 29	0 45	S 13
M14	18 37	19 18	3 53	21 56	1 10	25 16	1 55	23 11	0 40	13 3	1 2	15 32	2 33	13 29	0 45	M14
T 15	18 51	20 7	3 9	22 28	1 19	25 17	1 57	23 16	0 40	13 1	1 2	15 31	2 33	13 28	0 45	T 15
W16	19 5	20 4	2 16	22 57	1 28	25 17	1 59	23 21	0 41	13 0	1 2	15 30	2 32	13 28	0 45	W16
T 17	19 19	19 6	1 17	23 24	1 36	25 17	2 0	23 25	0 41	12 58	1 2	15 29	2 32	13 28	0 45	T 17
F 18	19 32	17 15	0 14	23 49	1 44	25 16	2 2	23 30	0 42	12 57	1 2	15 28	2 32	13 28	0 45	F 18
S 19	19 45	14 34	0n52	24 11	1 51	25 15	2 4	23 34	0 42	12 55	1 1	15 27	2 32	13 27	0 44	S 19
S 20	19 58	11 8	1 56	24 30	1 58	25 12	2 6	23 38	0 43	12 53	1 1	15 26	2 32	13 27	0 44	S 20
M21	20 10	7 4	2 57	24 47	2 3	25 9	2 7	23 41	0 43	12 52	1 1	15 25	2 32	13 27	0 44	M21
T 22	20 22	2 31	3 50	25 2	2 8	25 6	2 9	23 45	0 43	12 50	1 1	15 23	2 32	13 26	0 44	T 22
W23	20 34	2s20	4 31	25 14	2 12	25 1	2 10	23 48	0 44	12 48	1 1	15 22	2 32	13 26	0 44	W23
T 24	20 45	7 12	4 56	25 23	2 15	24 56	2 11	23 51	0 44	12 46	1 1	15 21	2 32	13 25	0 44	T 24
F 25	20 56	11 47	5 2	25 31	2 18	24 51	2 13	23 54	0 45	12 44	1 1	15 20	2 32	13 25	0 44	F 25
S 26	21 6	15 40	4 47	25 36	2 19	24 44	2 14	23 57	0 45	12 42	1 1	15 19	2 32	13 25	0 44	S 26
S 27	21 16	18 31	4 11	25 39	2 20	24 38	2 15	23 59	0 46	12 40	1 1	15 18	2 32	13 24	0 44	S 27
M28	21 26	20 3	3 18	25 41	2 20	24 30	2 16	24 1	0 46	12 38	1 0	15 17	2 31	13 24	0 44	M28
T 29	21 35	20 8	2 12	25 40	2 19	24 22	2 17	24 3	0 46	12 35	1 0	15 16	2 31	13 23	0 44	T 29
W30	21 44	18 50	0 58	25 38	2 17	24 13	2 18	24 5	0 47	12 33	1 0	15 15	2 31	13 23	0 44	W30
T 31	21n53	16s24	0s17	25n34	2n14	24n 3	2n18	24n 6	0n47	12n31	1n 0	15s14	2n31	13n22	0n44	T 31

Julian Day Number = 2682498.5, Delta T = 22m21s

Ecliptic obliquity = 23°21'19, Nutation = - 0°00'14

Ayanamsha: Fagan/Bradley = 33°35'07, Lahiri = 32°42'06

# ASTRODIENST EPHEMERIS for the year 2632

JUNE 2632

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 38 59	11 <sup>II</sup> 2'04	29 <sup>♋</sup> 9	3 <sup>♈</sup> 24	21 <sup>♈</sup> 47	27 <sup>II</sup> 29	29 <sup>♏</sup> 41	19 <sup>♏</sup> 53	26 <sup>♏</sup> 24	14 <sup>♏</sup> 44	14 <sup>II</sup> 36	12 <sup>♏</sup> 21	13 <sup>♏</sup> 37	15 <sup>II</sup> 32	8 <sup>♏</sup> 33	F 1
S 2	16 42 55	11 <sup>°</sup> 59'48	12 <sup>♋</sup> 25	4 <sup>°</sup> 30	22 <sup>°</sup> 55	28 <sup>°</sup> 10	29 <sup>°</sup> 48	19 <sup>°</sup> 49	26 <sup>°</sup> 26	14 <sup>°</sup> 42	14 <sup>°</sup> 37	12 <sup>°</sup> 21	13 <sup>°</sup> 34	15 <sup>°</sup> 38	8 <sup>°</sup> 35	S 2
S 3	16 46 52	12 <sup>°</sup> 57'31	25 <sup>°</sup> 18	5 <sup>°</sup> 33	24 <sup>°</sup> 3	28 <sup>°</sup> 51	29 <sup>°</sup> 55	19 <sup>°</sup> 45	26 <sup>°</sup> 27	14 <sup>°</sup> 40	14 <sup>°</sup> 39	12 <sup>°</sup> 20	13 <sup>°</sup> 31	15 <sup>°</sup> 45	8 <sup>°</sup> 38	S 3
M 4	16 50 49	13 <sup>°</sup> 55'13	7 <sup>°</sup> 53	6 <sup>°</sup> 31	25 <sup>°</sup> 11	29 <sup>°</sup> 31	0 <sup>°</sup> 2	19 <sup>°</sup> 41	26 <sup>°</sup> 29	14 <sup>°</sup> 39	14 <sup>°</sup> 40	12 <sup>°</sup> 18	13 <sup>°</sup> 28	15 <sup>°</sup> 52	8 <sup>°</sup> 41	M 4
T 5	16 54 45	14 <sup>°</sup> 52'53	20 <sup>°</sup> 14	7 <sup>°</sup> 26	26 <sup>°</sup> 19	0 <sup>°</sup> 512	0 <sup>°</sup> 9	19 <sup>°</sup> 37	26 <sup>°</sup> 31	14 <sup>°</sup> 37	14 <sup>°</sup> 41	12 <sup>°</sup> 12	13 <sup>°</sup> 25	15 <sup>°</sup> 58	8 <sup>°</sup> 44	T 5
W 6	16 58 42	15 <sup>°</sup> 50'33	2 <sup>°</sup> 23	8 <sup>°</sup> 17	27 <sup>°</sup> 26	0 <sup>°</sup> 53	0 <sup>°</sup> 16	19 <sup>°</sup> 33	26 <sup>°</sup> 32	14 <sup>°</sup> 35	14 <sup>°</sup> 43	12 <sup>°</sup> 5	13 <sup>°</sup> 22	16 <sup>°</sup> 5	8 <sup>°</sup> 47	W 6
T 7	17 2 38	16 <sup>°</sup> 48'12	14 <sup>°</sup> 25	9 <sup>°</sup> 3	28 <sup>°</sup> 34	1 <sup>°</sup> 33	0 <sup>°</sup> 23	19 <sup>°</sup> 29	26 <sup>°</sup> 34	14 <sup>°</sup> 34	14 <sup>°</sup> 44	11 <sup>°</sup> 56	13 <sup>°</sup> 18	16 <sup>°</sup> 12	8 <sup>°</sup> 51	T 7
F 8	17 6 35	17 <sup>°</sup> 45'50	26 <sup>°</sup> 21	9 <sup>°</sup> 45	29 <sup>°</sup> 41	2 <sup>°</sup> 14	0 <sup>°</sup> 30	19 <sup>°</sup> 26	26 <sup>°</sup> 36	14 <sup>°</sup> 32	14 <sup>°</sup> 46	11 <sup>°</sup> 46	13 <sup>°</sup> 15	16 <sup>°</sup> 18	8 <sup>°</sup> 54	F 8
S 9	17 10 31	18 <sup>°</sup> 43'27	8 <sup>II</sup> 14	10 <sup>°</sup> 23	0 <sup>°</sup> 48	2 <sup>°</sup> 55	0 <sup>°</sup> 38	19 <sup>°</sup> 22	26 <sup>°</sup> 38	14 <sup>°</sup> 31	14 <sup>°</sup> 47	11 <sup>°</sup> 36	13 <sup>°</sup> 12	16 <sup>°</sup> 25	8 <sup>°</sup> 57	S 9
S 10	17 14 28	19 <sup>°</sup> 41'03	20 <sup>°</sup> 4	10 <sup>°</sup> 56	1 <sup>°</sup> 55	3 <sup>°</sup> 35	0 <sup>°</sup> 45	19 <sup>°</sup> 18	26 <sup>°</sup> 40	14 <sup>°</sup> 29	14 <sup>°</sup> 48	11 <sup>°</sup> 26	13 <sup>°</sup> 9	16 <sup>°</sup> 32	9 <sup>°</sup> 1	S 10
M11	17 18 24	20 <sup>°</sup> 38'37	1 <sup>°</sup> 54	11 <sup>°</sup> 25	3 <sup>°</sup> 2	4 <sup>°</sup> 16	0 <sup>°</sup> 53	19 <sup>°</sup> 15	26 <sup>°</sup> 42	14 <sup>°</sup> 27	14 <sup>°</sup> 50	11 <sup>°</sup> 18	13 <sup>°</sup> 6	16 <sup>°</sup> 39	9 <sup>°</sup> 4	M11
T 12	17 22 21	21 <sup>°</sup> 36'11	13 <sup>°</sup> 46	11 <sup>°</sup> 50	4 <sup>°</sup> 9	4 <sup>°</sup> 56	1 <sup>°</sup> 1	19 <sup>°</sup> 11	26 <sup>°</sup> 44	14 <sup>°</sup> 26	14 <sup>°</sup> 51	11 <sup>°</sup> 13	13 <sup>°</sup> 2	16 <sup>°</sup> 45	9 <sup>°</sup> 8	T 12
W13	17 26 18	22 <sup>°</sup> 33'43	25 <sup>°</sup> 42	12 <sup>°</sup> 10	5 <sup>°</sup> 15	5 <sup>°</sup> 37	1 <sup>°</sup> 9	19 <sup>°</sup> 8	26 <sup>°</sup> 46	14 <sup>°</sup> 24	14 <sup>°</sup> 52	11 <sup>°</sup> 9	12 <sup>°</sup> 59	16 <sup>°</sup> 52	9 <sup>°</sup> 12	W13
T 14	17 30 14	23 <sup>°</sup> 31'15	7 <sup>°</sup> 44	12 <sup>°</sup> 25	6 <sup>°</sup> 22	6 <sup>°</sup> 17	1 <sup>°</sup> 17	19 <sup>°</sup> 4	26 <sup>°</sup> 48	14 <sup>°</sup> 23	14 <sup>°</sup> 54	11 <sup>°</sup> 8	12 <sup>°</sup> 56	16 <sup>°</sup> 59	9 <sup>°</sup> 16	T 14
F 15	17 34 11	24 <sup>°</sup> 28'45	19 <sup>°</sup> 55	12 <sup>°</sup> 35	7 <sup>°</sup> 28	6 <sup>°</sup> 57	1 <sup>°</sup> 25	19 <sup>°</sup> 1	26 <sup>°</sup> 50	14 <sup>°</sup> 21	14 <sup>°</sup> 55	11 <sup>°</sup> 8	12 <sup>°</sup> 53	17 <sup>°</sup> 5	9 <sup>°</sup> 20	F 15
S 16	17 38 7	25 <sup>°</sup> 26'14	2 <sup>°</sup> 21	12 <sup>°</sup> 41	8 <sup>°</sup> 34	7 <sup>°</sup> 38	1 <sup>°</sup> 33	18 <sup>°</sup> 58	26 <sup>°</sup> 52	14 <sup>°</sup> 19	14 <sup>°</sup> 56	11 <sup>°</sup> 9	12 <sup>°</sup> 50	17 <sup>°</sup> 12	9 <sup>°</sup> 24	S 16
S 17	17 42 4	26 <sup>°</sup> 23'42	15 <sup>°</sup> 3	12 <sup>°</sup> 43	9 <sup>°</sup> 39	8 <sup>°</sup> 18	1 <sup>°</sup> 42	18 <sup>°</sup> 55	26 <sup>°</sup> 54	14 <sup>°</sup> 18	14 <sup>°</sup> 58	11 <sup>°</sup> 11	12 <sup>°</sup> 47	17 <sup>°</sup> 19	9 <sup>°</sup> 28	S 17
M18	17 46 0	27 <sup>°</sup> 21'08	28 <sup>°</sup> 7	12 <sup>°</sup> 40	10 <sup>°</sup> 45	8 <sup>°</sup> 58	1 <sup>°</sup> 50	18 <sup>°</sup> 52	26 <sup>°</sup> 57	14 <sup>°</sup> 16	14 <sup>°</sup> 59	11 <sup>°</sup> 11	12 <sup>°</sup> 43	17 <sup>°</sup> 25	9 <sup>°</sup> 32	M18
T 19	17 49 57	28 <sup>°</sup> 18'34	11 <sup>°</sup> 36	12 <sup>°</sup> 32	11 <sup>°</sup> 50	9 <sup>°</sup> 38	1 <sup>°</sup> 59	18 <sup>°</sup> 49	26 <sup>°</sup> 59	14 <sup>°</sup> 15	15 <sup>°</sup> 0	11 <sup>°</sup> 10	12 <sup>°</sup> 40	17 <sup>°</sup> 32	9 <sup>°</sup> 37	T 19
W20	17 53 53	29 <sup>°</sup> 15'58	25 <sup>°</sup> 32	12 <sup>°</sup> 21	12 <sup>°</sup> 56	10 <sup>°</sup> 19	2 <sup>°</sup> 8	18 <sup>°</sup> 46	27 <sup>°</sup> 1	14 <sup>°</sup> 13	15 <sup>°</sup> 2	11 <sup>°</sup> 8	12 <sup>°</sup> 37	17 <sup>°</sup> 39	9 <sup>°</sup> 41	W20
T 21	17 57 50	0 <sup>°</sup> 13'21	9 <sup>°</sup> 55	12 <sup>°</sup> 5	14 <sup>°</sup> 0	10 <sup>°</sup> 59	2 <sup>°</sup> 17	18 <sup>°</sup> 43	27 <sup>°</sup> 4	14 <sup>°</sup> 12	15 <sup>°</sup> 3	11 <sup>°</sup> 4	12 <sup>°</sup> 34	17 <sup>°</sup> 46	9 <sup>°</sup> 46	T 21
F 22	18 1 47	1 <sup>°</sup> 10'43	24 <sup>°</sup> 42	11 <sup>°</sup> 45	15 <sup>°</sup> 5	11 <sup>°</sup> 39	2 <sup>°</sup> 26	18 <sup>°</sup> 40	27 <sup>°</sup> 6	14 <sup>°</sup> 10	15 <sup>°</sup> 4	10 <sup>°</sup> 58	12 <sup>°</sup> 31	17 <sup>°</sup> 52	9 <sup>°</sup> 50	F 22
S 23	18 5 43	2 <sup>°</sup> 8'05	9 <sup>°</sup> 47	11 <sup>°</sup> 22	16 <sup>°</sup> 10	12 <sup>°</sup> 19	2 <sup>°</sup> 35	18 <sup>°</sup> 38	27 <sup>°</sup> 9	14 <sup>°</sup> 8	15 <sup>°</sup> 6	10 <sup>°</sup> 53	12 <sup>°</sup> 28	17 <sup>°</sup> 59	9 <sup>°</sup> 55	S 23
S 24	18 9 40	3 <sup>°</sup> 5'25	25 <sup>°</sup> 0	10 <sup>°</sup> 56	17 <sup>°</sup> 14	12 <sup>°</sup> 59	2 <sup>°</sup> 44	18 <sup>°</sup> 35	27 <sup>°</sup> 11	14 <sup>°</sup> 7	15 <sup>°</sup> 7	10 <sup>°</sup> 48	12 <sup>°</sup> 24	18 <sup>°</sup> 6	10 <sup>°</sup> 0	S 24
M25	18 13 36	4 <sup>°</sup> 2'45	10 <sup>°</sup> 13	10 <sup>°</sup> 28	18 <sup>°</sup> 18	13 <sup>°</sup> 39	2 <sup>°</sup> 53	18 <sup>°</sup> 32	27 <sup>°</sup> 14	14 <sup>°</sup> 5	15 <sup>°</sup> 8	10 <sup>°</sup> 44	12 <sup>°</sup> 21	18 <sup>°</sup> 12	10 <sup>°</sup> 5	M25
T 26	18 17 33	5 <sup>°</sup> 0'05	25 <sup>°</sup> 14	9 <sup>°</sup> 57	19 <sup>°</sup> 22	14 <sup>°</sup> 19	3 <sup>°</sup> 3	18 <sup>°</sup> 30	27 <sup>°</sup> 16	14 <sup>°</sup> 4	15 <sup>°</sup> 10	10 <sup>°</sup> 41	12 <sup>°</sup> 18	18 <sup>°</sup> 19	10 <sup>°</sup> 10	T 26
W27	18 21 29	5 <sup>°</sup> 57'23	9 <sup>°</sup> 55	9 <sup>°</sup> 24	20 <sup>°</sup> 25	14 <sup>°</sup> 59	3 <sup>°</sup> 12	18 <sup>°</sup> 28	27 <sup>°</sup> 19	14 <sup>°</sup> 2	15 <sup>°</sup> 11	10 <sup>°</sup> 40	12 <sup>°</sup> 15	18 <sup>°</sup> 26	10 <sup>°</sup> 15	W27
T 28	18 25 26	6 <sup>°</sup> 54'42	24 <sup>°</sup> 11	8 <sup>°</sup> 50	21 <sup>°</sup> 28	15 <sup>°</sup> 39	3 <sup>°</sup> 22	18 <sup>°</sup> 25	27 <sup>°</sup> 22	14 <sup>°</sup> 1	15 <sup>°</sup> 12	10 <sup>°</sup> 41	12 <sup>°</sup> 12	18 <sup>°</sup> 32	10 <sup>°</sup> 20	T 28
F 29	18 29 23	7 <sup>°</sup> 52'00	8 <sup>°</sup> 0	8 <sup>°</sup> 16	22 <sup>°</sup> 31	16 <sup>°</sup> 19	3 <sup>°</sup> 32	18 <sup>°</sup> 23	27 <sup>°</sup> 24	14 <sup>°</sup> 0	15 <sup>°</sup> 13	10 <sup>°</sup> 42	12 <sup>°</sup> 8	18 <sup>°</sup> 39	10 <sup>°</sup> 25	F 29
S 30	18 33 19	8 <sup>°</sup> 49'17	21 <sup>°</sup> 23	7 <sup>°</sup> 42	23 <sup>°</sup> 34	16 <sup>°</sup> 58	3 <sup>°</sup> 41	18 <sup>°</sup> 21	27 <sup>°</sup> 27	13 <sup>°</sup> 58	15 <sup>°</sup> 15	10 <sup>°</sup> 44	12 <sup>°</sup> 5	18 <sup>°</sup> 46	10 <sup>°</sup> 30	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	22n 1	13s 7	1s29	25n29	2n10	23n53	2n19	24n 8	0n48	12n29	1n 0	15s13	2n31	13n22	0n44	20s54	1n36	10n41	11s51	17n 2	16n41	18n14	3n49	4s52							
S 2	22 9	9 15	2 33	25 22	2 5	23 43	2 19	24 9	0 48	12 26	1 0	15 12	2 31	13 21	0 44	20 54	1 36	10 41	11 51	17 2	16 42	18 15	3 48	4 52							
S 3	22 16	5 3	3 29	25 14	2 0	23 31	2 20	24 9	0 48	12 24	1 0	15 11	2 31	13 21	0 44	20 54	1 36	10 41	11 51	17 2	16 42	18 16	3 48	4 51							
M 4	22 23	0 45	4 12	25 5	1 53	23 19	2 20	24 10	0 49	12 21	1 0	15 11	2 31	13 20	0 44	20 54	1 36	10 42	11 51	17 3	16 43	18 17	3 48	4 50							
T 5	22 30	3n30	4 43	24 55	1 46	23 7	2 20	24 11	0 49	12 19	1 0	15 10	2 30	13 19	0 44	20 53	1 36	10 42	11 51	17 5	16 44	18 18	3 47	4 49							
W 6	22 36	7 33	5 1	24 43	1 38	22 54	2 21	24 11	0 50	12 16	0 59	15 9	2 30	13 19	0 44	20 53	1 36	10 42	11 51	17 7	16 45	18 19	3 47	4 49							
T 7	22 42	11 15	5 5	24 31	1 29	22 40	2 21	24 11	0 50	12 13	0 59	15 8	2 30	13 18	0 44	20 53	1 36	10 42	11 51	17 9	16 46	18 20	3 46	4 48							
F 8	22 48	14 29	4 55	24 18	1 19	22 26	2 20	24 11	0 50	12 11	0 59	15 7	2 30	13 17	0 44	20 53	1 36	10 42	11 51	17 12	16 47	18 22	3 46	4 47							
S 9	22 53	17 6	4 33	24 5	1 8	22 11	2 20	24 10	0 51	12 8	0 59	15 6	2 30	13 17	0 44	20 53	1 36	10 42	11 51	17 15	16 48	18 23	3 45	4 47							
S 10	22 57	19 0	3 59	23 50	0 56	21 56	2 20	24 9	0 51	12 5	0 59	15 5	2 30	13 16	0 44	20 52	1 36	10 43	11 51	17 17	16 49	18 24	3 44	4 46							
M11	23 2	20 6	3 15	23 36	0 44	21 40	2 19	24 9	0 51	12 2	0 59	15 5	2 29	13 15	0 44	20 52	1 36	10 43	11 51	17 19	16 50	18 25	3 44	4 45							
T 12	23 5	20 18	2 22	23 20	0 31	21 24	2 19	24 8	0 52	12 0	0 59	15 4	2 29	13 15	0 44	20 52	1 36	10 43	11 51	17 21	16 51	18 26	3 43	4 44							
W13	23 9	19 35	1 22	23 5	0 17	21 7	2 18	24 6	0 52	11 57	0 59	15 3	2 29	13 14	0 44	20 52	1 36	10 43	11 51	17 22	16 51	18 27	3 42	4 44							
T 14	23 12	17 59	0 18	22 49	0 2	20 50	2 17	24 5	0 53	11 54	0 59	15 2	2 29	13 13	0 44	20 52	1 36	10 43	11 51	17 22	16 52	18 28	3 41	4 43							
F 15	23 14	15 32	0n47	22 32	0s13	20 32	2 17	24 3	0 53	11 51	0 59	15 2	2 29	13 12	0 44	20 52	1 36	10 43	11 51	17 22	16 53	18 29	3 41	4 42							
S 16	23 17	12 21	1 52	22 16	0 29	20 14	2 16	24 1	0 53	11 48	0 58	15 1	2 28	13 12	0 44	20 51	1 35	10 43	11 51	17 22	16 54	18 31	3 40	4 42							
S 17	23 18	8 32	2 53	22 0	0 45	19 56	2 14	23 59	0 54	11 45	0 58	15 0	2 28	13 11	0 43	20 51	1 35	10 44	11 51	17 22	16 55	18 32	3 39	4 41							
M18	23 20	4 13	3 47	21 44	1 2	19 37	2 13	23 57	0 54	11 41	0 58	15 0	2 28	13 10	0 43	20 51	1 35	10 44	11 51	17 22	16 56	18 33	3 38	4 40							
T 19	23 21	0s26	4 30	21 27	1 19	19 17	2 12	23 54	0 54	11 38	0 58	14 59	2 28	13 9	0 43	20 51	1 35	10 44	11 51	17 22	16 57	18 34	3 37	4 40							
W20	23 21	5 12	4 59	21 11	1 36	18 57	2 10	23 52	0 55	11 35	0 58	14 59	2 28	13 8	0 43	20 51	1 35	10 44	11 51	17 22	16 58	18 35	3 36	4 39							
T 21	23 21	9 50	5 10	20 56	1 53	18 37	2 9	23 49	0 55	11 32	0 58	14 58	2 27	13 8	0 43	20 51	1 35	10 44	11 51	17 24	16 59	18 36	3 35	4 38							
F 22	23 21	14 0	5 1	20 40	2 10	18 16	2 7	23 46	0 55	11 28	0 58	14 57	2 27	13 7	0 43	20 50	1 35	10 44	11 51	17 25	16 59	18 37	3 34	4 38							
S 23	23 20	17 21	4 32	20 26	2 27	17 55	2 5	23 42	0 55	11 25	0 58	14 57	2 27	13 6	0 43	20 50	1 35	10 44	11 51	17 27	17 0	18 38	3 33	4 37							
S 24	23 19	19 33	3 43	20 11	2 44	17 34	2 3	23 39	0 56	11 22	0 58	14 56	2 27	13 5	0 43	20 50	1 35	10 44	11 51	17 28	17 1	18 39	3 31	4 36							
M25	23 18	20 20	2 38	19 58	3 0	17 12	2 1	23 35	0 56	11 18	0 58	14 56	2 27	13 4	0 43	20 50	1 35	10 44	11 51	17 29	17 2	18 41	3 30	4 35							
T 26	23 16	19 39	1 23	19 45	3 15	16 50	1 58	23 31	0 56	11 15	0 58	14 56	2 26	13 3	0 43	20 50	1 35	10 45	11 51	17 30	17 3	18 42	3 29	4 36							
W27	23 13	17 38	0 4	19 33	3 29	16 28	1 56	23 27	0 57	11 11	0 58	14 55	2 26	13 2	0 43	20 50	1 35	10 45	11 52	17 30	17 4	18 43	3 28	4 34							
T 28	23 11	14 34	1s13	19 22	3 43	16 5	1 53	23 23	0 57	11 8	0 57	14 55	2 26	13 1	0 43	20 50	1 35	10 45	11 52	17 30	17 5	18 44	3 26	4 34							
F 29	23 7	10 46	2 24	19 11	3 55	15 42	1 51	23 19	0 57	11 4	0 57	14 54	2 26	13 0	0 43	20 49	1 35	10 45	11 52	17 29	17 6	18 45	3 25	4 33							
S 30	23n 4	6s32	3s24	19n 2	4s 6	15n19	1n48	23n14	0n58	11n 1	0n57	14s54	2n25	12n59	0n43	20s49	1n35	10n45	11s52	17n29	17n 7	18n46	3n24	4s32							

## ASTRODIENST EPHEMERIS for the year 2632

JULY 2632

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 37 16	9 <sup>54</sup> 46'35	4 <sup>47</sup> 21	7°R 8	24 <sup>0</sup> 37	17 <sup>53</sup> 38	3 <sup>17</sup> 51	18°R19	27 <sup>0</sup> 30	13°R57	15 <sup>11</sup> 16	10°R45	12 <sup>0</sup> 2	18 <sup>11</sup> 53	10 <sup>17</sup> 35	S 1
M 2	18 41 12	10°43'52	16°57	6 <sup>53</sup> 36	25°39	18°18	4° 1	18 <sup>11</sup> 17	27°33	13 <sup>57</sup> 55	15°17	10 <sup>0</sup> 44	11°59	18°59	10°41	M 2
T 3	18 45 9	11°41'09	29°17	6° 5	26°41	18°58	4°11	18°15	27°35	13°54	15°18	10°43	11°56	19° 6	10°46	T 3
W 4	18 49 5	12°38'26	11 <sup>18</sup> 24	5°36	27°42	19°37	4°21	18°14	27°38	13°52	15°20	10°41	11°53	19°13	10°52	W 4
T 5	18 53 2	13°35'43	23°21	5°11	28°43	20°17	4°32	18°12	27°41	13°51	15°21	10°37	11°49	19°19	10°58	T 5
F 6	18 56 58	14°32'59	5 <sup>11</sup> 14	4°48	29°44	20°57	4°42	18°11	27°44	13°50	15°22	10°33	11°46	19°26	11° 3	F 6
S 7	19 0 55	15°30'16	17° 4	4°29	0 <sup>17</sup> 45	21°36	4°52	18° 9	27°47	13°48	15°23	10°29	11°43	19°33	11° 9	S 7
S 8	19 4 52	16°27'32	28°54	4°14	1°45	22°16	5° 3	18° 8	27°50	13°47	15°25	10°25	11°40	19°39	11°15	S 8
M 9	19 8 48	17°24'49	10 <sup>54</sup> 47	4° 4	2°45	22°56	5°13	18° 6	27°53	13°46	15°26	10°21	11°37	19°46	11°21	M 9
T 10	19 12 45	18°22'05	22°45	3°57	3°45	23°35	5°24	18° 5	27°56	13°45	15°27	10°19	11°34	19°53	11°27	T 10
W 11	19 16 41	19°19'21	4 <sup>0</sup> 50	3°D56	4°44	24°15	5°35	18° 4	27°59	13°43	15°28	10°D18	11°30	19°59	11°33	W 11
T 12	19 20 38	20°16'36	17° 3	3°59	5°43	24°54	5°46	18° 3	28° 2	13°42	15°29	10°18	11°27	20° 6	11°39	T 12
F 13	19 24 34	21°13'52	29°26	4° 7	6°42	25°34	5°56	18° 2	28° 5	13°41	15°30	10°19	11°24	20°13	11°45	F 13
S 14	19 28 31	22°11'07	12 <sup>17</sup> 2	4°20	7°40	26°13	6° 7	18° 2	28° 9	13°40	15°32	10°20	11°21	20°20	11°52	S 14
S 15	19 32 27	23° 8'21	24°54	4°38	8°37	26°52	6°18	18° 1	28°12	13°38	15°33	10°22	11°18	20°26	11°58	S 15
M 16	19 36 24	24° 5'36	8 <sup>12</sup> 3	5° 1	9°34	27°32	6°29	18° 0	28°15	13°37	15°34	10°23	11°14	20°33	12° 4	M 16
T 17	19 40 21	25° 2'50	21°31	5°29	10°31	28°11	6°41	18° 0	28°18	13°36	15°35	10°R23	11°11	20°40	12°11	T 17
W 18	19 44 17	26° 0'04	5 <sup>11</sup> 21	6° 2	11°27	28°50	6°52	17°59	28°22	13°35	15°36	10°23	11° 8	20°46	12°17	W 18
T 19	19 48 14	26°57'18	19°32	6°40	12°23	29°30	7° 3	17°59	28°25	13°34	15°37	10°22	11° 5	20°53	12°24	T 19
F 20	19 52 10	27°54'32	4 <sup>17</sup> 2	7°24	13°19	0 <sup>0</sup> 9	7°15	17°59	28°28	13°33	15°38	10°21	11° 2	21° 0	12°30	F 20
S 21	19 56 7	28°51'45	18°48	8°11	14°13	0°48	7°26	17°D59	28°32	13°32	15°39	10°20	10°59	21° 6	12°37	S 21
S 22	20 0 3	29°48'59	3 <sup>54</sup> 3	9° 4	15° 8	1°27	7°37	17°59	28°35	13°31	15°40	10°19	10°55	21°13	12°44	S 22
M 23	20 4 0	0 <sup>0</sup> 46'12	18°39	10° 2	16° 1	2° 6	7°49	17°59	28°38	13°30	15°41	10°18	10°52	21°20	12°51	M 23
T 24	20 7 56	1°43'26	3 <sup>12</sup> 30	11° 4	16°54	2°46	8° 1	17°59	28°42	13°29	15°42	10°D17	10°49	21°26	12°57	T 24
W 25	20 11 53	2°40'40	18° 6	12°11	17°47	3°25	8°12	18° 0	28°45	13°28	15°43	10°17	10°46	21°33	13° 4	W 25
T 26	20 15 50	3°37'55	2 <sup>12</sup> 22	13°23	18°39	4° 4	8°24	18° 0	28°49	13°27	15°44	10°18	10°43	21°40	13°11	T 26
F 27	20 19 46	4°35'09	16°15	14°39	19°30	4°43	8°36	18° 0	28°52	13°26	15°45	10°18	10°40	21°47	13°18	F 27
S 28	20 23 43	5°32'25	29°42	15°59	20°20	5°22	8°47	18° 1	28°56	13°25	15°46	10°19	10°36	21°53	13°25	S 28
S 29	20 27 39	6°29'40	12 <sup>17</sup> 45	17°24	21°10	6° 1	8°59	18° 2	28°59	13°25	15°47	10°19	10°33	22° 0	13°33	S 29
M 30	20 31 36	7°26'57	25°26	18°53	22° 0	6°40	9°11	18° 2	29° 3	13°24	15°48	10°19	10°30	22° 7	13°40	M 30
T 31	20 35 32	8 <sup>0</sup> 24'14	7 <sup>18</sup> 48	20 <sup>56</sup> 26	22 <sup>17</sup> 48	7 <sup>0</sup> 19	9 <sup>17</sup> 23	18 <sup>11</sup> 3	29 <sup>0</sup> 6	13 <sup>57</sup> 23	15 <sup>11</sup> 49	10°R19	10 <sup>0</sup> 27	22 <sup>11</sup> 13	13 <sup>17</sup> 47	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	23n 0	2s 9	4s12	18n54	4s16	14n55	1n45	23n 9	0n58	10n57	0n57	14s54	2n25	12n58	0n43	S 1
M 2	22 55	2n13	4 47	18 48	4 24	14 31	1 42	23 4	0 58	10 53	0 57	14 53	2 25	12 57	0 43	M 2
T 3	22 51	6 23	5 7	18 42	4 31	14 7	1 38	22 59	0 58	10 50	0 57	14 53	2 25	12 56	0 43	T 3
W 4	22 45	10 14	5 13	18 38	4 37	13 43	1 35	22 54	0 59	10 46	0 57	14 53	2 25	12 55	0 43	W 4
T 5	22 40	13 37	5 5	18 35	4 41	13 18	1 31	22 48	0 59	10 42	0 57	14 53	2 24	12 54	0 43	T 5
F 6	22 34	16 25	4 45	18 33	4 43	12 53	1 28	22 42	0 59	10 38	0 57	14 52	2 24	12 53	0 43	F 6
S 7	22 27	18 33	4 12	18 33	4 44	12 28	1 24	22 36	1 0	10 34	0 57	14 52	2 24	12 52	0 43	S 7
S 8	22 21	19 53	3 28	18 34	4 44	12 3	1 20	22 30	1 0	10 31	0 57	14 52	2 24	12 51	0 43	S 8
M 9	22 14	20 20	2 35	18 36	4 42	11 38	1 16	22 24	1 0	10 27	0 57	14 52	2 23	12 50	0 43	M 9
T 10	22 6	19 53	1 35	18 39	4 39	11 12	1 11	22 18	1 0	10 23	0 57	14 52	2 23	12 49	0 43	T 10
W 11	21 58	18 30	0 30	18 44	4 34	10 47	1 7	22 11	1 1	10 19	0 57	14 52	2 23	12 48	0 43	W 11
T 12	21 50	16 16	0n37	18 49	4 29	10 21	1 2	22 4	1 1	10 15	0 57	14 52	2 23	12 47	0 43	T 12
F 13	21 41	13 15	1 44	18 56	4 22	9 55	0 57	21 57	1 1	10 11	0 57	14 52	2 22	12 46	0 43	F 13
S 14	21 32	9 35	2 46	19 3	4 14	9 29	0 53	21 50	1 1	10 7	0 56	14 52	2 22	12 45	0 43	S 14
S 15	21 23	5 25	3 42	19 11	4 5	9 3	0 47	21 43	1 2	10 2	0 56	14 52	2 22	12 44	0 43	S 15
M 16	21 13	0 55	4 28	19 20	3 56	8 36	0 42	21 36	1 2	9 58	0 56	14 52	2 21	12 43	0 43	M 16
T 17	21 3	3s44	5 0	19 29	3 46	8 10	0 37	21 28	1 2	9 54	0 56	14 52	2 21	12 41	0 43	T 17
W 18	20 52	8 18	5 15	19 39	3 35	7 44	0 31	21 20	1 2	9 50	0 56	14 52	2 21	12 40	0 43	W 18
T 19	20 42	12 32	5 12	19 48	3 23	7 17	0 26	21 12	1 2	9 46	0 56	14 53	2 21	12 39	0 43	T 19
F 20	20 30	16 8	4 50	19 58	3 11	6 51	0 20	21 4	1 3	9 42	0 56	14 53	2 20	12 38	0 43	F 20
S 21	20 19	18 46	4 8	20 8	2 59	6 24	0 14	20 56	1 3	9 37	0 56	14 53	2 20	12 37	0 43	S 21
S 22	20 7	20 9	3 9	20 18	2 46	5 57	0 8	20 48	1 3	9 33	0 56	14 53	2 20	12 36	0 43	S 22
M 23	19 55	20 8	1 57	20 27	2 32	5 31	0 1	20 39	1 3	9 29	0 56	14 54	2 20	12 34	0 43	M 23
T 24	19 42	18 42	0 38	20 36	2 19	5 4	0s 5	20 30	1 4	9 24	0 56	14 54	2 19	12 33	0 43	T 24
W 25	19 30	16 2	0s43	20 44	2 5	4 38	0 12	20 21	1 4	9 20	0 56	14 54	2 19	12 32	0 43	W 25
T 26	19 16	12 27	1 59	20 51	1 51	4 11	0 19	20 13	1 4	9 15	0 56	14 55	2 19	12 31	0 43	T 26
F 27	19 3	8 16	3 7	20 57	1 37	3 45	0 26	20 3	1 4	9 11	0 56	14 55	2 19	12 30	0 43	F 27
S 28	18 49	3 48	4 1	21 2	1 23	3 19	0 33	19 54	1 4	9 7	0 56	14 55	2 18	12 28	0 43	S 28
S 29	18 35	0n42	4 42	21 5	1 9	2 52	0 40	19 45	1 5	9 2	0 56	14 56	2 18	12 27	0 43	S 29
M 30	18 21	5 2	5 7	21 7	0 55	2 26	0 48	19 35	1 5	8 58	0 56	14 56	2 18	12 26	0 43	M 30
T 31	18n 6	9n 3	5s17	21n 7	0s42	2n 0	0s55	19n26	1n 5	8n53	0n56	14s57	2n17	12n25	0n43	T 31

Julian Day Number = 2682559.5, Delta T = 22m22s

Ecliptic obliquity = 23°21'19, Nutation = - 0°00'13

Ayanamsha: Fagan/Bradley = 33°35'15, Lahiri = 32°42'15

# ASTRODIENST EPHEMERIS for the year 2632

AUGUST 2632

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 39 29	9♂21°32	19♂55	22♂4	23♂36	7♂58	9♂35	18♂4	29♂10	13°R22	15♂50	10°R19	10♂24	22♂20	13♂54	W 1
T 2	20 43 25	10°18'51	1♂53	23°45	24°23	8°37	9°47	18°5	29°13	13°R22	15°51	10°D19	10°20	22°27	14°1	T 2
F 3	20 47 22	11°16'11	13°44	25°29	25°9	9°16	9°59	18°7	29°17	13°21	15°51	10♂19	10°17	22°33	14°9	F 3
S 4	20 51 19	12°13'32	25°35	27°17	25°54	9°54	10°12	18°8	29°20	13°20	15°52	10°20	10°14	22°40	14°16	S 4
S 5	20 55 15	13°10'53	7♂27	29°8	26°39	10°33	10°24	18°9	29°24	13°20	15°53	10°20	10°11	22°47	14°24	S 5
M 6	20 59 12	14°8'15	19°25	1♂2	27°22	11°12	10°36	18°11	29°28	13°19	15°54	10°20	10°8	22°53	14°31	M 6
T 7	21 3 8	15°5'38	1♂31	2°59	28°5	11°51	10°48	18°12	29°31	13°18	15°55	10°20	10°5	23°0	14°39	T 7
W 8	21 7 5	16°3'02	13°48	4°58	28°46	12°30	11°1	18°14	29°35	13°18	15°55	10°R21	10°1	23°7	14°46	W 8
T 9	21 11 1	17°0'26	26°16	6°59	29°27	13°9	11°13	18°16	29°39	13°17	15°56	10°20	9°58	23°13	14°54	T 9
F 10	21 14 58	17°57'51	8♂58	9°1	0♂6	13°47	11°26	18°18	29°42	13°17	15°57	10°20	9°55	23°20	15°1	F 10
S 11	21 18 54	18°55'17	21°53	11°5	0°45	14°26	11°38	18°20	29°46	13°16	15°58	10°19	9°52	23°27	15°9	S 11
S 12	21 22 51	19°52'43	5♂2	13°9	1°22	15°5	11°51	18°22	29°50	13°16	15°58	10°18	9°49	23°34	15°17	S 12
M13	21 26 48	20°50'10	18°26	15°14	1°58	15°43	12°3	18°24	29°53	13°16	15°59	10°16	9°46	23°40	15°24	M13
T 14	21 30 44	21°47'37	2♂4	17°19	2°33	16°22	12°16	18°26	29°57	13°15	16°0	10°15	9°42	23°47	15°32	T 14
W15	21 34 41	22°45'05	15°55	19°24	3°6	17°1	12°28	18°28	0♂1	13°15	16°0	10°15	9°39	23°54	15°40	W15
T 16	21 38 37	23°42'34	29°59	21°29	3°39	17°39	12°41	18°31	0°4	13°15	16°1	10°D15	9°36	24°0	15°48	T 16
F 17	21 42 34	24°40'04	14♂15	23°34	4°9	18°18	12°53	18°33	0°8	13°14	16°2	10°15	9°33	24°7	15°56	F 17
S 18	21 46 30	25°37'34	28°40	25°37	4°39	18°57	13°6	18°36	0°12	13°14	16°2	10°16	9°30	24°14	16°4	S 18
S 19	21 50 27	26°35'05	13♂11	27°40	5°7	19°35	13°19	18°39	0°16	13°14	16°3	10°17	9°26	24°20	16°12	S 19
M20	21 54 23	27°32'37	27°42	29°42	5°33	20°14	13°32	18°41	0°19	13°14	16°3	10°18	9°23	24°27	16°19	M20
T 21	21 58 20	28°30'10	12♂10	1♂43	5°57	20°52	13°44	18°44	0°23	13°14	16°4	10°R19	9°20	24°34	16°27	T 21
W22	22 2 17	29°27'44	26°28	3°42	6°20	21°31	13°57	18°47	0°27	13°14	16°4	10°18	9°17	24°40	16°35	W22
T 23	22 6 13	0♂25'18	10♂33	5°40	6°42	22°9	14°10	18°50	0°31	13°13	16°5	10°17	9°14	24°47	16°43	T 23
F 24	22 10 10	1°22'54	24°18	7°37	7°1	22°48	14°23	18°53	0°34	13°13	16°5	10°14	9°11	24°54	16°51	F 24
S 25	22 14 6	2°20'31	7♂43	9°33	7°19	23°26	14°36	18°56	0°38	13°D13	16°6	10°11	9°7	25°0	17°0	S 25
S 26	22 18 3	3°18'10	20°47	11°27	7°34	24°4	14°48	19°0	0°42	13°13	16°6	10°8	9°4	25°7	17°8	S 26
M27	22 21 59	4°15'50	3♂29	13°19	7°48	24°43	15°1	19°3	0°46	13°13	16°7	10°5	9°1	25°14	17°16	M27
T 28	22 25 56	5°13'32	15°53	15°11	8°0	25°21	15°14	19°7	0°49	13°14	16°7	10°2	8°58	25°20	17°24	T 28
W29	22 29 52	6°11'15	28°1	17°1	8°9	26°0	15°27	19°10	0°53	13°14	16°7	10°1	8°55	25°27	17°32	W29
T 30	22 33 49	7°8'59	9♂59	18°49	8°17	26°38	15°40	19°14	0°57	13°14	16°8	10°D 0	8°52	25°34	17°40	T 30
F 31	22 37 45	8♂6'46	21♂51	20♂36	8♂22	27♂16	15♂53	19♂18	1♂0	13♂14	16♂8	10♂1	8♂48	25♂41	17♂48	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	17n51	12n38	5s13	21n 5	0s28	1n34	1s 3	19n16	1n 5	8n49	0n56	14s57	2n17	12n23	0n43	20s46
T 2	17 36	15 38	4 55	21 2	0 15	1 8	1 11	19 6	1 5	8 44	0 56	14 58	2 17	12 22	0 43	20 46
F 3	17 20	17 59	4 25	20 55	0 3	0 42	1 19	18 56	1 5	8 39	0 56	14 58	2 17	12 21	0 43	20 46
S 4	17 4	19 33	3 44	20 47	0n 9	0 17	1 28	18 45	1 6	8 35	0 56	14 59	2 16	12 20	0 43	20 46
S 5	16 48	20 16	2 53	20 36	0 21	0s 9	1 36	18 35	1 6	8 30	0 56	15 0	2 16	12 18	0 43	20 46
M 6	16 32	20 5	1 54	20 23	0 32	0 34	1 45	18 25	1 6	8 26	0 56	15 0	2 16	12 17	0 42	20 46
T 7	16 15	18 58	0 49	20 7	0 42	0 59	1 54	18 14	1 6	8 21	0 56	15 1	2 16	12 16	0 42	20 46
W 8	15 58	16 56	0n19	19 48	0 52	1 23	2 3	18 3	1 6	8 16	0 56	15 2	2 15	12 15	0 42	20 46
T 9	15 41	14 5	1 27	19 27	1 1	1 48	2 12	17 53	1 6	8 12	0 56	15 2	2 15	12 13	0 42	20 46
F 10	15 24	10 32	2 32	19 3	1 9	2 12	2 21	17 42	1 7	8 7	0 56	15 3	2 15	12 12	0 42	20 46
S 11	15 6	6 26	3 30	18 37	1 16	2 36	2 31	17 31	1 7	8 2	0 56	15 4	2 15	12 11	0 42	20 46
S 12	14 48	1 58	4 19	18 8	1 23	3 0	2 40	17 19	1 7	7 57	0 56	15 5	2 14	12 9	0 42	20 46
M13	14 30	2s40	4 54	17 37	1 28	3 23	2 50	17 8	1 7	7 53	0 56	15 6	2 14	12 8	0 42	20 46
T 14	14 12	7 14	5 13	17 4	1 33	3 46	3 0	16 57	1 7	7 48	0 56	15 7	2 14	12 7	0 42	20 46
W15	13 53	11 31	5 15	16 29	1 37	4 8	3 10	16 45	1 7	7 43	0 56	15 7	2 14	12 5	0 42	20 46
T 16	13 34	15 13	4 58	15 53	1 40	4 30	3 20	16 34	1 8	7 38	0 56	15 8	2 13	12 4	0 42	20 46
F 17	13 15	18 5	4 23	15 14	1 43	4 52	3 31	16 22	1 8	7 33	0 56	15 9	2 13	12 3	0 42	20 46
S 18	12 56	19 51	3 30	14 34	1 44	5 13	3 41	16 10	1 8	7 28	0 56	15 10	2 13	12 2	0 42	20 46
S 19	12 37	20 19	2 24	13 53	1 45	5 34	3 52	15 58	1 8	7 24	0 56	15 11	2 13	12 0	0 42	20 46
M20	12 17	19 25	1 9	13 11	1 45	5 55	4 3	15 46	1 8	7 19	0 56	15 12	2 12	11 59	0 42	20 46
T 21	11 57	17 15	0s10	12 28	1 45	6 14	4 13	15 34	1 8	7 14	0 56	15 13	2 12	11 58	0 42	20 46
W22	11 37	14 2	1 28	11 44	1 44	6 33	4 24	15 22	1 8	7 9	0 56	15 14	2 12	11 56	0 42	20 46
T 23	11 17	10 3	2 39	10 59	1 42	6 52	4 36	15 9	1 8	7 4	0 56	15 15	2 12	11 55	0 42	20 46
F 24	10 57	5 37	3 39	10 13	1 39	7 10	4 47	14 57	1 9	6 59	0 56	15 16	2 11	11 54	0 42	20 46
S 25	10 36	1 1	4 26	9 27	1 37	7 27	4 58	14 44	1 9	6 54	0 56	15 17	2 11	11 52	0 42	20 46
S 26	10 16	3n30	4 57	8 41	1 33	7 44	5 9	14 32	1 9	6 49	0 56	15 19	2 11	11 51	0 42	20 46
M27	9 55	7 44	5 12	7 54	1 29	8 0	5 21	14 19	1 9	6 44	0 56	15 20	2 11	11 50	0 42	20 47
T 28	9 34	11 32	5 13	7 8	1 25	8 15	5 32	14 6	1 9	6 39	0 56	15 21	2 10	11 48	0 42	20 47
W29	9 13	14 47	4 59	6 21	1 20	8 29	5 43	13 54	1 9	6 34	0 56	15 22	2 10	11 47	0 42	20 47
T 30	8 51	17 23	4 32	5 34	1 15	8 42	5 55	13 41	1 9	6 29	0 56	15 23	2 10	11 46	0 43	20 47
F 31	8n30	19n12	3s54	4n47	1n10	8s54	6s 6	13n28	1n 9	6n24	0n56	15s24	2n10	11n44	0n43	20s47

Julian Day Number = 2682590.5, Delta T = 22m22s  
 Ecliptic obliquity = 23°21'20, Nutation = - 0°00'12  
 Ayanamsha: Fagan/Bradley = 33°35'19, Lahiri = 32°42'19

## ASTRODIENST EPHEMERIS for the year 2632

SEPTEMBER 2632

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 41 42	9 <sup>m</sup> 4'34	3 <sup>h</sup> 42	22 <sup>m</sup> 22	8 <sup>h</sup> 25	27 <sup>h</sup> 55	16 <sup>m</sup> 6	19 <sup>m</sup> 21	1 <sup>m</sup> 4	13 <sup>h</sup> 14	16 <sup>h</sup> 8	10 <sup>h</sup> 3	8 <sup>h</sup> 45	25 <sup>h</sup> 47	17 <sup>m</sup> 56	S 1
S 2	22 45 39	10° 2'23	15°36	24° 6	8°R26	28°33	16°19	19°25	1° 8	13°14	16° 9	10° 4	8°42	25°54	18° 5	S 2
M 3	22 49 35	11° 0'14	27°38	25°49	8°24	29°11	16°32	19°29	1°12	13°15	16° 9	10° 6	8°39	26° 1	18°13	M 3
T 4	22 53 32	11°58'07	9 <sup>h</sup> 52	27°30	8°20	29°50	16°45	19°33	1°15	13°15	16° 9	10°R 7	8°36	26° 7	18°21	T 4
W 5	22 57 28	12°56'01	22°21	29°10	8°14	0 <sup>m</sup> 28	16°58	19°37	1°19	13°15	16° 9	10° 6	8°32	26°14	18°29	W 5
T 6	23 1 25	13°53'57	5 <sup>m</sup> 6	0 <sup>h</sup> 49	8° 6	1° 6	17°11	19°42	1°23	13°16	16°10	10° 4	8°29	26°21	18°38	T 6
F 7	23 5 21	14°51'54	18° 9	2°27	7°55	1°44	17°24	19°46	1°26	13°16	16°10	10° 0	8°26	26°27	18°46	F 7
S 8	23 9 18	15°49'53	1 <sup>h</sup> 28	4° 3	7°41	2°23	17°37	19°50	1°30	13°17	16°10	9°55	8°23	26°34	18°54	S 8
S 9	23 13 14	16°47'53	15° 2	5°38	7°26	3° 1	17°50	19°55	1°34	13°17	16°10	9°49	8°20	26°41	19° 2	S 9
M10	23 17 11	17°45'55	28°49	7°11	7° 8	3°39	18° 3	19°59	1°37	13°18	16°10	9°43	8°17	26°47	19°11	M10
T 11	23 21 8	18°43'58	12 <sup>m</sup> 46	8°44	6°47	4°17	18°16	20° 4	1°41	13°18	16°10	9°38	8°13	26°54	19°19	T 11
W12	23 25 4	19°42'03	26°50	10°15	6°25	4°55	18°29	20° 8	1°44	13°19	16°10	9°34	8°10	27° 1	19°27	W12
T 13	23 29 1	20°40'08	10 <sup>h</sup> 58	11°44	6° 0	5°34	18°42	20°13	1°48	13°19	16°10	9°32	8° 7	27° 7	19°35	T 13
F 14	23 32 57	21°38'16	25° 8	13°13	5°34	6°12	18°55	20°18	1°52	13°20	16°10	9°D32	8° 4	27°14	19°44	F 14
S 15	23 36 54	22°36'24	9 <sup>h</sup> 18	14°40	5° 5	6°50	19° 8	20°23	1°55	13°21	16°R10	9°33	8° 1	27°21	19°52	S 15
S 16	23 40 50	23°34'34	23°27	16° 6	4°35	7°28	19°21	20°28	1°59	13°21	16°10	9°34	7°57	27°27	20° 0	S 16
M17	23 44 47	24°32'46	7 <sup>h</sup> 33	17°30	4° 3	8° 6	19°34	20°33	2° 2	13°22	16°10	9°R35	7°54	27°34	20° 9	M17
T 18	23 48 43	25°30'58	21°34	18°53	3°30	8°44	19°47	20°38	2° 6	13°23	16°10	9°34	7°51	27°41	20°17	T 18
W19	23 52 40	26°29'13	5 <sup>h</sup> 18	20°15	2°55	9°22	20° 0	20°43	2° 9	13°24	16°10	9°31	7°48	27°47	20°25	W19
T 20	23 56 37	27°27'28	19°10	21°35	2°20	10° 0	20°13	20°48	2°13	13°24	16°10	9°27	7°45	27°54	20°33	T 20
F 21	0 0 33	28°25'46	2 <sup>h</sup> 39	22°54	1°43	10°38	20°26	20°53	2°16	13°25	16°10	9°20	7°42	28° 1	20°42	F 21
S 22	0 4 30	29°24'05	15°52	24°11	1° 7	11°16	20°39	20°58	2°20	13°26	16°10	9°11	7°38	28° 7	20°50	S 22
S 23	0 8 26	0 <sup>h</sup> 22'26	28°48	25°27	0°29	11°54	20°52	21° 4	2°23	13°27	16°10	9° 2	7°35	28°14	20°58	S 23
M24	0 12 23	1°20'50	11 <sup>h</sup> 36	26°41	29 <sup>m</sup> 52	12°32	21° 5	21° 9	2°26	13°28	16°10	8°54	7°32	28°21	21° 6	M24
T 25	0 16 19	2°19'15	23°48	27°54	29°15	13°10	21°17	21°15	2°30	13°29	16° 9	8°46	7°29	28°27	21°14	T 25
W26	0 20 16	3°17'42	5 <sup>h</sup> 56	29° 4	28°39	13°48	21°30	21°20	2°33	13°30	16° 9	8°40	7°26	28°34	21°23	W26
T 27	0 24 12	4°16'12	17°53	0 <sup>m</sup> 13	28° 3	14°26	21°43	21°26	2°36	13°31	16° 9	8°37	7°23	28°41	21°31	T 27
F 28	0 28 9	5°14'43	29°44	1°19	27°28	15° 4	21°56	21°32	2°40	13°32	16° 9	8°35	7°19	28°47	21°39	F 28
S 29	0 32 5	6°13'17	11 <sup>h</sup> 34	2°24	26°54	15°42	22° 9	21°37	2°43	13°33	16° 8	8°D35	7°16	28°54	21°47	S 29
S 30	0 36 2	7 <sup>h</sup> 11'53	23 <sup>h</sup> 28	3 <sup>m</sup> 26	26 <sup>m</sup> 21	16 <sup>m</sup> 20	22 <sup>m</sup> 22	21 <sup>m</sup> 43	2 <sup>m</sup> 46	13 <sup>h</sup> 34	16 <sup>h</sup> 8	8 <sup>h</sup> 36	7 <sup>h</sup> 13	29 <sup>h</sup> 1	21 <sup>m</sup> 55	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	8n 8	20n12	3s 7	4n 0	1n 4	9s 6	6s17	13n15	1n 9	6n19	0n56	15s26	2n 9	11n43	0n43	20s47	1n32	10n40	12s 1	17n40	18n 1	19n47	1n 0	4s 4					
S 2	7 47	20 17	2 10	3 13	0 58	9 16	6 28	13 1	1 9	6 14	0 56	15 27	2 9	11 42	0 43	20 47	1 32	10 40	12 2	17 40	18 1	19 48	0 57	4 4					
M 3	7 25	19 27	1 8	2 27	0 51	9 26	6 39	12 48	1 10	6 9	0 56	15 28	2 9	11 41	0 43	20 47	1 32	10 40	12 2	17 39	18 2	19 48	0 54	4 3					
T 4	7 3	17 42	0 1	1 41	0 45	9 34	6 50	12 35	1 10	6 4	0 56	15 30	2 9	11 39	0 43	20 47	1 32	10 40	12 2	17 39	18 3	19 49	0 51	4 3					
W 5	6 41	15 4	1n 6	0 55	0 38	9 41	7 0	12 21	1 10	5 59	0 56	15 31	2 9	11 38	0 43	20 47	1 32	10 40	12 2	17 39	18 4	19 50	0 48	4 3					
T 6	6 19	11 40	2 12	0 9	0 31	9 47	7 10	12 8	1 10	5 54	0 56	15 32	2 8	11 37	0 43	20 47	1 32	10 39	12 3	17 40	18 5	19 51	0 45	4 3					
F 7	5 56	7 38	3 13	0s36	0 24	9 52	7 20	11 54	1 10	5 49	0 56	15 34	2 8	11 35	0 43	20 47	1 32	10 39	12 3	17 41	18 5	19 52	0 42	4 2					
S 8	5 34	3 9	4 4	1 21	0 16	9 56	7 30	11 41	1 10	5 44	0 56	15 35	2 8	11 34	0 43	20 48	1 32	10 39	12 3	17 42	18 6	19 53	0 39	4 2					
S 9	5 12	1s34	4 42	2 6	0 9	9 58	7 39	11 27	1 10	5 39	0 56	15 36	2 8	11 33	0 43	20 48	1 32	10 39	12 3	17 44	18 7	19 53	0 36	4 2					
M10	4 49	6 16	5 5	2 50	0 1	9 59	7 48	11 13	1 10	5 34	0 56	15 38	2 7	11 32	0 43	20 48	1 32	10 39	12 3	17 45	18 8	19 54	0 33	4 2					
T 11	4 27	10 41	5 10	3 33	0s 7	9 58	7 56	11 0	1 10	5 29	0 56	15 39	2 7	11 30	0 43	20 48	1 32	10 38	12 4	17 47	18 9	19 55	0 30	4 2					
W12	4 4	14 34	4 56	4 16	0 15	9 56	8 4	10 46	1 10	5 24	0 56	15 41	2 7	11 29	0 43	20 48	1 32	10 38	12 4	17 48	18 10	19 56	0 27	4 1					
T 13	3 41	17 38	4 25	4 59	0 23	9 53	8 11	10 32	1 10	5 19	0 56	15 42	2 7	11 28	0 43	20 48	1 32	10 38	12 4	17 48	18 10	19 57	0 24	4 1					
F 14	3 18	19 39	3 37	5 41	0 31	9 49	8 17	10 18	1 10	5 14	0 56	15 43	2 7	11 26	0 43	20 48	1 32	10 38	12 4	17 48	18 11	19 57	0 21	4 1					
S 15	2 55	20 26	2 37	6 22	0 39	9 43	8 23	10 4	1 10	5 9	0 56	15 45	2 6	11 25	0 43	20 48	1 32	10 37	12 5	17 48	18 12	19 58	0 18	4 1					
S 16	2 33	19 55	1 26	7 3	0 48	9 35	8 28	9 50	1 10	5 4	0 57	15 46	2 6	11 24	0 43	20 49	1 31	10 37	12 5	17 48	18 13	19 59	0 15	4 1					
M17	2 10	18 8	0 11	7 43	0 56	9 26	8 32	9 36	1 10	4 59	0 57	15 48	2 6	11 23	0 43	20 49	1 31	10 37	12 5	17 48	18 14	20 0	0 12	4 0					
T 18	1 47	15 17	1s 4	8 22	1 4	9 16	8 36	9 21	1 11	4 54	0 57	15 49	2 6	11 21	0 43	20 49	1 31	10 37	12 5	17 48	18 15	20 1	0 9	4 0					
W19	1 24	11 34	2 15	9 1	1 13	9 5	8 38	9 7	1 11	4 49	0 57	15 51	2 6	11 20	0 43	20 49	1 31	10 37	12 5	17 48	18 15	20 1	0 6	4 0					
T 20	1 0	7 18	3 17	9 38	1 21	8 52	8 40	8 53	1 11	4 44	0 57	15 52	2 5	11 19	0 43	20 49	1 31	10 36	12 6	17 50	18 16	20 2	0 3	4 0					
F 21	0 37	2 43	4 6	10 15	1 29	8 39	8 41	8 39	1 11	4 39	0 57	15 54	2 5	11 18	0 43	20 49	1 31	10 36	12 6	17 51	18 17	20 3	0s 0	4 0					
S 22	0 14	1n53	4 42	10 52	1 38	8 24	8 40	8 24	1 11	4 34	0 57	15 56	2 5	11 17	0 43	20 50	1 31	10 36	12 6	17 54	18 18	20 4	0 3	4 0					
S 23	0s 9	6 18	5 2	11 27	1 46	8 8	8 39	8 10	1 11	4 29	0 57	15 57	2 5	11 15	0 43	20 50	1 31	10 36	12 6	17 56	18 19	20 5	0 6	3 59					
M24	0 32	10 21	5 6	12 1	1 54	7 51	8 37	7 55	1 11	4 24	0 57	15 59	2 5	11 14	0 43	20 50	1 31	10 35	12 7	17 58	18 19	20 5	0 9	3 59					
T 25	0 55	13 52	4 56	12 35	2 2	7 34	8 34	7 41	1 11	4 19	0 57	16 0	2 4	11 13	0 43	20 50	1 31	10 35	12 7	18 0	18 20	20 6	0 12	3 59					
W26	1 18	16 45	4 33	13 8	2 10	7 16	8 30	7 26	1 11	4 14	0 57	16 2	2 4	11 12	0 43	20 50	1 31	10 35	12 7	18 2	18 21	20 7	0 15	3 59					
T 27	1 41	18 52	3 58	13 39	2 17	6 57	8 25	7 12	1 11	4 9	0 57	16 4	2 4	11 11	0 43	20 50	1 31	10 35	12 7	18 3	18 22	20 8	0 19	3 59					
F 28	2 5	20 8	3 13	14 10	2 25	6 38	8 19	6 57	1 11	4 4	0 57	16 5	2 4	11 9	0 43	20 51	1 31	10 35	12 7	18 3	18 23	20 8	0 22	3 59					
S 29	2 28	20 32	2 20	14 39	2 32	6 19	8 13	6 42	1 11	3 59	0 57	16 7	2 4	11 8	0 43	20 51	1 31	10 34	12 8	18 3	18 23	20 9	0 25	3 59					
S 30	2s51	20n 0	1s20	15s 7	2s40	5s59	8s 5	6n28	1n11	3n54	0n57	16s 8	2n 4	11n 7	0n43	20s51	1n31	10n34	12s 8	18n 3	18n24	20n10	0s28	3s59					

## ASTRODIENST EPHEMERIS for the year 2632

OCTOBER 2632

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 39 59	8♂10'31	5♂32	4♂26	25°R50	16♂58	22♂34	21♂49	2♂50	13♂36	16°R 8	8°R36	7♂10	29♂8	22♂3	M 1
T 2	0 43 55	9° 9'11	17°49	5°24	25♂21	17°36	22°47	21°55	2°53	13°37	16♂8	8♂36	7° 7	29°14	22°11	T 2
W 3	0 47 52	10° 7'53	0♂26	6°18	24°53	18°14	23° 0	22° 1	2°56	13°38	16° 7	8°34	7° 3	29°21	22°20	W 3
T 4	0 51 48	11° 6'37	13°23	7°10	24°28	18°52	23°13	22° 7	2°59	13°39	16° 7	8°29	7° 0	29°28	22°28	T 4
F 5	0 55 45	12° 5'23	26°43	7°58	24° 4	19°30	23°25	22°13	3° 2	13°40	16° 6	8°22	6°57	29°34	22°36	F 5
S 6	0 59 41	13° 4'12	10♂25	8°43	23°43	20° 8	23°38	22°19	3° 5	13°42	16° 6	8°13	6°54	29°41	22°44	S 6
S 7	1 3 38	14° 3'02	24°26	9°23	23°24	20°46	23°51	22°25	3° 8	13°43	16° 6	8° 2	6°51	29°48	22°52	S 7
M 8	1 7 34	15° 1'54	8♂41	10° 0	23° 7	21°23	24° 3	22°31	3°11	13°44	16° 5	7°51	6°48	29°54	23° 0	M 8
T 9	1 11 31	16° 0'48	23° 4	10°33	22°53	22° 1	24°16	22°37	3°14	13°46	16° 5	7°42	6°44	0♂1	23° 8	T 9
W10	1 15 28	16°59'44	7♂29	11° 0	22°41	22°39	24°28	22°44	3°17	13°47	16° 4	7°34	6°41	0° 8	23°15	W10
T 11	1 19 24	17°58'42	21°52	11°22	22°31	23°17	24°41	22°50	3°20	13°49	16° 4	7°30	6°38	0°14	23°23	T 11
F 12	1 23 21	18°57'42	6♂8	11°39	22°24	23°55	24°53	22°56	3°23	13°50	16° 3	7°27	6°35	0°21	23°31	F 12
S 13	1 27 17	19°56'43	20°16	11°49	22°20	24°33	25° 5	23° 3	3°26	13°52	16° 3	7°D27	6°32	0°28	23°39	S 13
S 14	1 31 14	20°55'46	4♂14	11°R53	22°D17	25°10	25°18	23° 9	3°29	13°53	16° 2	7°R27	6°28	0°34	23°47	S 14
M15	1 35 10	21°54'50	18° 2	11°49	22°17	25°48	25°30	23°16	3°32	13°55	16° 1	7°26	6°25	0°41	23°55	M15
T 16	1 39 7	22°53'56	1♂40	11°38	22°20	26°26	25°42	23°22	3°34	13°56	16° 1	7°24	6°22	0°48	24° 2	T 16
W17	1 43 3	23°53'04	15° 8	11°20	22°25	27° 4	25°55	23°29	3°37	13°58	16° 0	7°20	6°19	0°54	24°10	W17
T 18	1 47 0	24°52'14	28°26	10°54	22°32	27°41	26° 7	23°35	3°40	13°59	15°59	7°12	6°16	1° 1	24°18	T 18
F 19	1 50 57	25°51'25	11°Y34	10°19	22°41	28°19	26°19	23°42	3°42	14° 1	15°59	7° 2	6°13	1° 8	24°25	F 19
S 20	1 54 53	26°50'39	24°28	9°36	22°53	28°57	26°31	23°49	3°45	14° 3	15°58	6°50	6° 9	1°14	24°33	S 20
S 21	1 58 50	27°49'54	7♂10	8°46	23° 6	29°35	26°43	23°55	3°48	14° 4	15°57	6°36	6° 6	1°21	24°40	S 21
M22	2 2 46	28°49'12	19°38	7°49	23°22	0♂12	26°55	24° 2	3°50	14° 6	15°57	6°23	6° 3	1°28	24°48	M22
T 23	2 6 43	29°48'32	1♂54	6°45	23°40	0°50	27° 7	24° 9	3°53	14° 8	15°56	6°11	6° 0	1°34	24°55	T 23
W24	2 10 39	0♂47'54	13°57	5°37	23°59	1°28	27°19	24°16	3°55	14° 9	15°55	6° 1	5°57	1°41	25° 3	W24
T 25	2 14 36	1°47'18	25°52	4°25	24°21	2° 5	27°30	24°23	3°57	14°11	15°55	5°54	5°54	1°48	25°10	T 25
F 26	2 18 32	2°46'44	7♂41	3°12	24°44	2°43	27°42	24°29	4° 0	14°13	15°54	5°50	5°50	1°54	25°17	F 26
S 27	2 22 29	3°46'13	19°29	1°59	25° 9	3°21	27°54	24°36	4° 2	14°15	15°53	5°48	5°47	2° 1	25°24	S 27
S 28	2 26 26	4°45'43	1♂21	0°49	25°36	3°58	28° 5	24°43	4° 4	14°17	15°52	5°48	5°44	2° 8	25°32	S 28
M29	2 30 22	5°45'17	13°22	29♂44	26° 5	4°36	28°17	24°50	4° 7	14°18	15°51	5°48	5°41	2°14	25°39	M29
T 30	2 34 19	6°44'52	25°39	28°46	26°35	5°14	28°29	24°57	4° 9	14°20	15°50	5°47	5°38	2°21	25°46	T 30
W31	2 38 15	7♂44'29	8♂16	27♂56	27♂7	5♂51	28♂40	25♂4	4♂11	14♂22	15♂50	5♂44	5♂34	2♂28	25♂53	W31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	3s14	18n33	0s17	15s34	2s47	5s39	7s57	6n13	1n11	3n49	0n58	16s10	2n 3	11n 6	0n43	20s51
T 2	3 37	16 13	0n49	16 0	2 53	5 20	7 49	5 58	1 11	3 44	0 58	16 12	2 3	11 5	0 43	20 51
W 3	4 0	13 4	1 54	16 24	3 0	5 0	7 39	5 44	1 11	3 39	0 58	16 13	2 3	11 4	0 43	20 51
T 4	4 23	9 12	2 54	16 47	3 6	4 41	7 29	5 29	1 11	3 34	0 58	16 15	2 3	11 3	0 43	20 52
F 5	4 46	4 47	3 47	17 8	3 11	4 22	7 19	5 14	1 11	3 29	0 58	16 17	2 3	11 2	0 43	20 52
S 6	5 9	0 0	4 28	17 27	3 16	4 4	7 8	4 59	1 11	3 24	0 58	16 18	2 3	11 0	0 43	20 52
S 7	5 31	4s52	4 54	17 45	3 21	3 46	6 56	4 44	1 11	3 20	0 58	16 20	2 2	10 59	0 43	20 52
M 8	5 54	9 34	5 3	18 1	3 25	3 28	6 44	4 29	1 11	3 15	0 58	16 22	2 2	10 58	0 43	20 53
T 9	6 17	13 46	4 52	18 14	3 29	3 12	6 32	4 14	1 11	3 10	0 58	16 24	2 2	10 57	0 43	20 53
W10	6 39	17 10	4 23	18 26	3 32	2 56	6 20	4 0	1 11	3 5	0 58	16 25	2 2	10 56	0 43	20 53
T 11	7 2	19 30	3 37	18 35	3 34	2 41	6 8	3 45	1 11	3 0	0 58	16 27	2 2	10 55	0 43	20 53
F 12	7 24	20 35	2 38	18 41	3 35	2 26	5 55	3 30	1 11	2 55	0 59	16 29	2 2	10 54	0 43	20 53
S 13	7 46	20 21	1 30	18 44	3 35	2 13	5 42	3 15	1 11	2 51	0 59	16 30	2 2	10 53	0 43	20 54
S 14	8 8	18 51	0 17	18 45	3 35	2 0	5 29	3 0	1 11	2 46	0 59	16 32	2 1	10 52	0 43	20 54
M15	8 31	16 16	0s56	18 42	3 32	1 48	5 16	2 45	1 11	2 41	0 59	16 34	2 1	10 51	0 43	20 54
T 16	8 52	12 47	2 5	18 35	3 29	1 37	5 3	2 30	1 11	2 36	0 59	16 36	2 1	10 50	0 43	20 54
W17	9 14	8 41	3 5	18 25	3 24	1 27	4 51	2 15	1 11	2 31	0 59	16 37	2 1	10 49	0 43	20 54
T 18	9 36	4 13	3 55	18 11	3 18	1 18	4 38	2 0	1 11	2 27	0 59	16 39	2 1	10 48	0 44	20 55
F 19	9 57	0n23	4 32	17 52	3 10	1 10	4 25	1 45	1 11	2 22	0 59	16 41	2 1	10 47	0 44	20 55
S 20	10 19	4 54	4 53	17 29	3 0	1 3	4 12	1 30	1 11	2 17	0 59	16 43	2 1	10 47	0 44	20 55
S 21	10 40	9 7	5 0	17 2	2 48	0 57	4 0	1 15	1 11	2 13	1 0	16 44	2 1	10 46	0 44	20 55
M22	11 1	12 53	4 52	16 31	2 35	0 51	3 47	1 0	1 11	2 8	1 0	16 46	2 1	10 45	0 44	20 56
T 23	11 22	16 2	4 31	15 55	2 20	0 47	3 35	0 45	1 11	2 4	1 0	16 48	2 0	10 44	0 44	20 56
W24	11 43	18 27	3 58	15 17	2 3	0 44	3 23	0 30	1 10	1 59	1 0	16 50	2 0	10 43	0 44	20 56
T 25	12 3	20 3	3 14	14 36	1 45	0 41	3 11	0 15	1 10	1 54	1 0	16 51	2 0	10 42	0 44	20 56
F 26	12 24	20 45	2 23	13 52	1 25	0 39	2 59	0s 0	1 10	1 50	1 0	16 53	2 0	10 41	0 44	20 57
S 27	12 44	20 32	1 25	13 9	1 5	0 39	2 47	0 15	1 10	1 45	1 0	16 55	2 0	10 41	0 44	20 57
S 28	13 4	19 24	0 24	12 25	0 45	0 39	2 36	0 30	1 10	1 41	1 0	16 57	2 0	10 40	0 44	20 57
M29	13 24	17 23	0n40	11 43	0 24	0 40	2 25	0 45	1 10	1 36	1 1	16 58	2 0	10 39	0 44	20 57
T 30	13 43	14 33	1 43	11 3	0 4	0 42	2 14	1 0	1 10	1 32	1 1	17 0	2 0	10 38	0 44	20 58
W31	14s 3	10n58	2n43	10s27	0n16	0s44	2s 3	1s15	1n10	1n28	1n 1	17s 2	2n 0	10n38	0n44	20s58

Julian Day Number = 2682651.5, Delta T = 22m23s

Ecliptic obliquity = 23°21'21, Nutation = - 0°00'14

Ayanamsha: Fagan/Bradley = 33°35'28, Lahiri = 32°42'28

# ASTRODIENST EPHEMERIS for the year 2632

NOVEMBER 2632

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 42 12	8♏44'09	21♏17	27°R15	27♏40	6♏29	28♏51	25♏11	4♏13	14♏24	15°R49	5°R39	5♏31	2♏34	26♏0	T 1
F 2	2 46 8	9°43'51	4♏45	26♏45	28°14	7° 7	29° 3	25°18	4°15	14°26	15°II48	5♏31	5°28	2°41	26° 7	F 2
S 3	2 50 5	10°43'35	18°41	26°27	28°50	7°44	29°14	25°25	4°17	14°28	15°47	5°21	5°25	2°48	26°14	S 3
S 4	2 54 1	11°43'21	3♏0	26°D20	29°28	8°22	29°25	25°32	4°19	14°30	15°46	5° 9	5°22	2°54	26°21	S 4
M 5	2 57 58	12°43'09	17°38	26°24	0♏6	8°59	29°36	25°39	4°21	14°32	15°45	4°57	5°19	3° 1	26°27	M 5
T 6	3 1 54	13°42'59	2♏28	26°39	0°46	9°37	29°47	25°46	4°23	14°34	15°44	4°46	5°15	3° 8	26°34	T 6
W 7	3 5 51	14°42'51	17°19	27° 4	1°27	10°14	29°58	25°54	4°25	14°36	15°43	4°38	5°12	3°14	26°41	W 7
T 8	3 9 48	15°42'45	2♏5	27°39	2° 9	10°52	0♏9	26° 1	4°26	14°38	15°42	4°32	5° 9	3°21	26°47	T 8
F 9	3 13 44	16°42'40	16°38	28°22	2°52	11°29	0°20	26° 8	4°28	14°40	15°41	4°29	5° 6	3°28	26°54	F 9
S 10	3 17 41	17°42'37	0♏55	29°13	3°36	12° 7	0°30	26°15	4°30	14°42	15°40	4°D28	5° 3	3°34	27° 0	S 10
S 11	3 21 37	18°42'36	14°55	0♏11	4°21	12°45	0°41	26°22	4°31	14°44	15°39	4°R28	5° 0	3°41	27° 7	S 11
M12	3 25 34	19°42'36	28°37	1°15	5° 7	13°22	0°52	26°29	4°33	14°46	15°38	4°28	4°56	3°48	27°13	M12
T 13	3 29 30	20°42'37	12♏3	2°25	5°54	13°59	1° 2	26°37	4°34	14°48	15°37	4°26	4°53	3°54	27°19	T 13
W14	3 33 27	21°42'40	25°14	3°39	6°42	14°37	1°12	26°44	4°36	14°50	15°36	4°22	4°50	4° 1	27°25	W14
T 15	3 37 24	22°42'45	8°Y13	4°57	7°31	15°14	1°23	26°51	4°37	14°52	15°35	4°15	4°47	4° 8	27°31	T 15
F 16	3 41 20	23°42'51	20°59	6°18	8°20	15°52	1°33	26°58	4°39	14°55	15°34	4° 5	4°44	4°14	27°37	F 16
S 17	3 45 17	24°42'59	3♏35	7°42	9°11	16°29	1°43	27° 5	4°40	14°57	15°33	3°53	4°40	4°21	27°43	S 17
S 18	3 49 13	25°43'08	16° 0	9° 8	10° 2	17° 7	1°53	27°13	4°41	14°59	15°32	3°40	4°37	4°28	27°49	S 18
M19	3 53 10	26°43'20	28°37	10°37	10°54	17°44	2° 3	27°20	4°42	15° 1	15°31	3°28	4°34	4°34	27°55	M19
T 20	3 57 6	27°43'33	10♏21	12° 7	11°47	18°22	2°12	27°27	4°44	15° 3	15°30	3°16	4°31	4°41	28° 1	T 20
W21	4 1 3	28°43'48	22°18	13°38	12°40	18°59	2°22	27°34	4°45	15° 5	15°29	3° 7	4°28	4°48	28° 7	W21
T 22	4 4 59	29°44'04	4♏9	15°10	13°34	19°36	2°32	27°41	4°46	15° 8	15°28	3° 0	4°25	4°54	28°12	T 22
F 23	4 8 56	0♏44'23	15°57	16°43	14°29	20°14	2°41	27°49	4°47	15°10	15°27	2°56	4°21	5° 1	28°18	F 23
S 24	4 12 53	1°44'43	27°44	18°17	15°24	20°51	2°51	27°56	4°48	15°12	15°26	2°D54	4°18	5° 8	28°23	S 24
S 25	4 16 49	2°45'05	9♏34	19°51	16°20	21°28	3° 0	28° 3	4°49	15°14	15°25	2°54	4°15	5°14	28°28	S 25
M26	4 20 46	3°45'29	21°34	21°26	17°17	22° 6	3° 9	28°10	4°49	15°16	15°24	2°55	4°12	5°21	28°34	M26
T 27	4 24 42	4°45'55	3♏48	23° 1	18°14	22°43	3°18	28°17	4°50	15°19	15°22	2°R56	4° 9	5°28	28°39	T 27
W28	4 28 39	5°46'23	16°21	24°36	19°12	23°20	3°27	28°25	4°51	15°21	15°21	2°55	4° 6	5°34	28°44	W28
T 29	4 32 35	6°46'52	29°18	26°11	20°10	23°58	3°36	28°32	4°51	15°23	15°20	2°53	4° 2	5°41	28°49	T 29
F 30	4 36 32	7°47'23	12♏43	27♏47	21♏9	24♏35	3°44	28♏39	4♏52	15°25	15°19	2♏48	3♏59	5♏48	28♏54	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	14s22	6n45	3n36	9s56	0n34	0s48	1s52	1s30	1n10	1n23	1n 1	17s 4	2n 0	10n37	0n44	20s58
F 2	14 41	2 5	4 19	9 29	0 51	0 52	1 42	1 44	1 10	1 19	1 1	17 5	1 59	10 36	0 44	20 58
S 3	14 59	2s51	4 48	9 8	1 7	0 57	1 32	1 59	1 10	1 14	1 1	17 7	1 59	10 35	0 44	20 59
S 4	15 18	7 45	5 0	8 53	1 21	1 2	1 22	2 14	1 10	1 10	1 1	17 9	1 59	10 35	0 44	20 59
M 5	15 36	12 20	4 53	8 43	1 33	1 9	1 12	2 29	1 10	1 6	1 2	17 11	1 59	10 34	0 44	20 59
T 6	15 54	16 13	4 27	8 39	1 43	1 16	1 3	2 44	1 10	1 2	1 2	17 12	1 59	10 33	0 44	20 59
W 7	16 12	19 4	3 42	8 39	1 51	1 23	0 53	2 59	1 9	0 58	1 2	17 14	1 59	10 33	0 44	21 0
T 8	16 29	20 38	2 42	8 45	1 58	1 32	0 44	3 13	1 9	0 53	1 2	17 16	1 59	10 32	0 44	21 0
F 9	16 46	20 47	1 33	8 56	2 4	1 41	0 36	3 28	1 9	0 49	1 2	17 17	1 59	10 32	0 44	21 0
S 10	17 3	19 35	0 19	9 10	2 8	1 50	0 27	3 43	1 9	0 45	1 2	17 19	1 59	10 31	0 44	21 0
S 11	17 20	17 11	0s55	9 28	2 10	2 0	0 19	3 57	1 9	0 41	1 2	17 21	1 59	10 31	0 44	21 1
M12	17 36	13 52	2 4	9 48	2 12	2 11	0 10	4 12	1 9	0 37	1 3	17 23	1 59	10 30	0 44	21 1
T 13	17 52	9 52	3 5	10 12	2 12	2 22	0 2	4 27	1 9	0 33	1 3	17 24	1 59	10 29	0 45	21 1
W14	18 8	5 29	3 55	10 37	2 11	2 34	0n 5	4 41	1 9	0 29	1 3	17 26	1 59	10 29	0 45	21 1
T 15	18 23	0 55	4 32	11 5	2 10	2 47	0 13	4 56	1 9	0 25	1 3	17 28	1 59	10 29	0 45	21 2
F 16	18 38	3n37	4 54	11 34	2 8	2 59	0 20	5 10	1 8	0 21	1 3	17 29	1 59	10 28	0 45	21 2
S 17	18 53	7 56	5 2	12 4	2 4	3 13	0 27	5 24	1 8	0 18	1 3	17 31	1 59	10 28	0 45	21 2
S 18	19 7	11 51	4 55	12 35	2 1	3 26	0 34	5 39	1 8	0 14	1 4	17 33	1 59	10 27	0 45	21 2
M19	19 21	15 14	4 35	13 6	1 57	3 40	0 41	5 53	1 8	0 10	1 4	17 34	1 58	10 27	0 45	21 3
T 20	19 35	17 56	4 2	13 38	1 52	3 55	0 47	6 7	1 8	0 6	1 4	17 36	1 58	10 26	0 45	21 3
W21	19 48	19 50	3 19	14 11	1 47	4 10	0 54	6 22	1 8	0 3	1 4	17 38	1 58	10 26	0 45	21 3
T 22	20 1	20 50	2 27	14 43	1 41	4 25	1 0	6 36	1 8	0s 1	1 4	17 39	1 58	10 26	0 45	21 3
F 23	20 14	20 56	1 29	15 15	1 35	4 41	1 6	6 50	1 8	0 5	1 5	17 41	1 58	10 25	0 45	21 4
S 24	20 26	20 5	0 28	15 47	1 29	4 57	1 11	7 4	1 7	0 8	1 5	17 42	1 58	10 25	0 45	21 4
S 25	20 38	18 22	0n36	16 18	1 23	5 13	1 17	7 18	1 7	0 12	1 5	17 44	1 58	10 25	0 45	21 4
M26	20 50	15 49	1 38	16 49	1 17	5 30	1 22	7 32	1 7	0 15	1 5	17 46	1 58	10 25	0 45	21 4
T 27	21 1	12 32	2 38	17 20	1 10	5 47	1 27	7 46	1 7	0 18	1 5	17 47	1 58	10 24	0 45	21 5
W28	21 12	8 37	3 31	17 50	1 3	6 4	1 32	8 0	1 7	0 22	1 6	17 49	1 58	10 24	0 45	21 5
T 29	21 22	4 12	4 16	18 19	0 56	6 22	1 37	8 14	1 7	0 25	1 6	17 50	1 58	10 24	0 45	21 5
F 30	21s32	0s35	4n48	18s48	0n49	6s39	1n41	8s28	1n 6	0s28	1n 6	17s52	1n58	10n24	0n45	21s 5

Julian Day Number = 2682682.5, Delta T = 22m24s  
 Ecliptic obliquity = 23°21'20", Nutation = - 0°00'16"  
 Ayanamsha: Fagan/Bradley = 33°35'32", Lahiri = 32°42'32"

# ASTRODIENST EPHEMERIS for the year 2632

DECEMBER 2632

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 40 28	8°47'56	26°37	29°22	22°08	25°12	3°53	28°46	4°53	15°27	15°18	2°R41	3°056	5°554	28°59	S 1
S 2	4 44 25	9°48'31	11°00	0°57	23°08	25°50	4°02	28°53	4°53	15°30	15°17	2°033	3°53	6°01	29°03	S 2
M 3	4 48 22	10°49'07	25°47	2°32	24°08	26°27	4°10	29°00	4°54	15°32	15°16	2°24	3°50	6°08	29°08	M 3
T 4	4 52 18	11°49'45	10°51	4°08	25°09	27°04	4°18	29°07	4°54	15°34	15°15	2°16	3°46	6°14	29°13	T 4
W 5	4 56 15	12°50'24	26°02	5°43	26°10	27°41	4°26	29°15	4°54	15°37	15°13	2°10	3°43	6°21	29°17	W 5
T 6	5 00 11	13°51'05	11°09	7°18	27°11	28°18	4°34	29°22	4°55	15°39	15°12	2°06	3°40	6°28	29°21	T 6
F 7	5 04 08	14°51'47	26°04	8°52	28°13	28°56	4°42	29°29	4°55	15°41	15°11	2°D 4	3°37	6°34	29°26	F 7
S 8	5 08 04	15°52'30	10°40	10°27	29°15	29°33	4°50	29°36	4°55	15°43	15°10	2°04	3°34	6°41	29°30	S 8
S 9	5 12 01	16°53'14	24°53	12°02	0°18	0°10	4°57	29°43	4°55	15°46	15°09	2°06	3°31	6°48	29°34	S 9
M10	5 15 57	17°53'58	8°42	13°36	1°21	0°47	5°05	29°50	4°R55	15°48	15°08	2°07	3°27	6°54	29°38	M10
T 11	5 19 54	18°54'44	22°09	15°11	2°24	1°24	5°12	29°57	4°55	15°50	15°07	2°R 7	3°24	7°01	29°42	T 11
W12	5 23 51	19°55'31	5°15	16°45	3°28	2°01	5°19	0°47	4°55	15°52	15°06	2°06	3°21	7°08	29°45	W12
T 13	5 27 47	20°56'18	18°03	18°19	4°32	2°38	5°26	0°11	4°55	15°55	15°04	2°02	3°18	7°14	29°49	T 13
F 14	5 31 44	21°57'06	0°36	19°54	5°36	3°16	5°33	0°17	4°55	15°57	15°03	1°57	3°15	7°21	29°53	F 14
S 15	5 35 40	22°57'55	12°57	21°28	6°40	3°53	5°40	0°24	4°54	15°59	15°02	1°51	3°12	7°27	29°56	S 15
S 16	5 39 37	23°58'46	25°08	23°02	7°45	4°30	5°46	0°31	4°54	16°01	15°01	1°44	3°08	7°34	29°59	S 16
M17	5 43 33	24°59'37	7°11	24°36	8°50	5°07	5°53	0°38	4°54	16°04	15°00	1°36	3°05	7°41	0°03	M17
T 18	5 47 30	26°00'29	19°07	26°10	9°56	5°44	5°59	0°45	4°53	16°06	14°59	1°30	3°02	7°47	0°06	T 18
W19	5 51 26	27°01'22	0°59	27°45	11°02	6°21	6°05	0°51	4°53	16°08	14°58	1°25	2°59	7°54	0°09	W19
T 20	5 55 23	28°02'16	12°47	29°19	12°07	6°58	6°11	0°58	4°52	16°10	14°57	1°21	2°56	8°01	0°12	T 20
F 21	5 59 20	29°03'11	24°35	0°53	13°14	7°34	6°17	1°05	4°52	16°12	14°56	1°20	2°52	8°07	0°15	F 21
S 22	6 03 16	0°03'47	6°24	2°28	14°20	8°11	6°23	1°11	4°51	16°15	14°54	1°D19	2°49	8°14	0°17	S 22
S 23	6 07 13	1°05'04	18°18	4°02	15°27	8°48	6°28	1°18	4°50	16°17	14°53	1°20	2°46	8°21	0°20	S 23
M24	6 11 09	2°06'02	0°20	5°37	16°34	9°25	6°34	1°25	4°50	16°19	14°52	1°22	2°43	8°27	0°22	M24
T 25	6 15 06	3°07'00	12°34	7°11	17°41	10°02	6°39	1°31	4°49	16°21	14°51	1°24	2°40	8°34	0°25	T 25
W26	6 19 02	4°08'00	25°05	8°46	18°48	10°39	6°44	1°38	4°48	16°23	14°50	1°25	2°37	8°41	0°27	W26
T 27	6 22 59	5°09'01	7°57	10°21	19°56	11°16	6°49	1°44	4°47	16°26	14°49	1°R26	2°33	8°47	0°29	T 27
F 28	6 26 55	6°10'03	21°13	11°56	21°04	11°53	6°54	1°50	4°46	16°28	14°48	1°25	2°30	8°54	0°31	F 28
S 29	6 30 52	7°11'06	4°57	13°31	22°12	12°29	6°58	1°57	4°45	16°30	14°47	1°23	2°27	9°01	0°33	S 29
S 30	6 34 49	8°12'09	19°09	15°06	23°20	13°06	7°03	2°03	4°44	16°32	14°46	1°20	2°24	9°07	0°35	S 30
M31	6 38 45	9°13'14	3°48	16°42	24°29	13°43	7°07	2°09	4°43	16°34	14°45	1°17	2°21	9°14	0°37	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	21s41	5s29	5n 5	19s15	0n42	6s57	1n46	8s41	1n 6	0s32	1n 6	17s53	1n58	10n24	0n45	21s 6
S 2	21 51	10 16	5 3	19 42	0 35	7 15	1 50	8 55	1 6	0 35	1 6	17 55	1 58	10 23	0 45	21 6
M 3	21 59	14 34	4 42	20 08	0 28	7 34	1 54	9 9	1 6	0 38	1 7	17 56	1 58	10 23	0 45	21 6
T 4	22 8	18 1	4 0	20 33	0 21	7 52	1 58	9 22	1 6	0 41	1 7	17 58	1 58	10 23	0 45	21 6
W 5	22 16	20 16	3 2	20 57	0 14	8 11	2 2	9 36	1 6	0 44	1 7	18 0	1 58	10 23	0 46	21 7
T 6	22 23	21 3	1 51	21 20	0 7	8 29	2 5	9 49	1 5	0 47	1 7	18 1	1 58	10 23	0 46	21 7
F 7	22 30	20 20	0 32	21 42	0 1	8 48	2 8	10 2	1 5	0 50	1 7	18 2	1 58	10 23	0 46	21 7
S 8	22 37	18 15	0s46	22 3	0s 6	9 7	2 11	10 16	1 5	0 53	1 8	18 4	1 58	10 23	0 46	21 7
S 9	22 43	15 4	2 0	22 22	0 13	9 26	2 14	10 29	1 5	0 55	1 8	18 5	1 58	10 23	0 46	21 8
M10	22 48	11 9	3 5	22 41	0 20	9 45	2 17	10 42	1 5	0 58	1 8	18 7	1 58	10 23	0 46	21 8
T 11	22 54	6 45	3 58	22 58	0 26	10 4	2 20	10 55	1 4	1 1	1 8	18 8	1 58	10 23	0 46	21 8
W12	22 58	2 10	4 37	23 15	0 33	10 24	2 22	11 8	1 4	1 3	1 9	18 10	1 58	10 23	0 46	21 8
T 13	23 3	2n25	5 1	23 30	0 39	10 43	2 25	11 21	1 4	1 6	1 9	18 11	1 58	10 23	0 46	21 9
F 14	23 7	6 48	5 10	23 44	0 46	11 2	2 27	11 34	1 4	1 9	1 9	18 13	1 58	10 23	0 46	21 9
S 15	23 10	10 50	5 4	23 57	0 52	11 21	2 29	11 46	1 3	1 11	1 9	18 14	1 59	10 24	0 46	21 9
S 16	23 13	14 22	4 45	24 8	0 58	11 40	2 31	11 59	1 3	1 13	1 9	18 15	1 59	10 24	0 46	21 9
M17	23 16	17 16	4 13	24 18	1 4	11 59	2 32	12 11	1 3	1 16	1 10	18 17	1 59	10 24	0 46	21 10
T 18	23 18	19 25	3 30	24 27	1 9	12 18	2 34	12 24	1 3	1 18	1 10	18 18	1 59	10 24	0 46	21 10
W19	23 19	20 43	2 38	24 35	1 15	12 37	2 35	12 36	1 3	1 20	1 10	18 19	1 59	10 24	0 46	21 10
T 20	23 20	21 5	1 40	24 41	1 20	12 56	2 37	12 49	1 2	1 22	1 10	18 21	1 59	10 24	0 46	21 10
F 21	23 21	20 32	0 37	24 46	1 25	13 15	2 38	13 1	1 2	1 24	1 11	18 22	1 59	10 25	0 46	21 10
S 22	23 21	19 3	0n28	24 50	1 30	13 33	2 39	13 13	1 2	1 26	1 11	18 23	1 59	10 25	0 46	21 11
S 23	23 21	16 45	1 32	24 53	1 35	13 52	2 39	13 25	1 1	1 28	1 11	18 24	1 59	10 25	0 46	21 11
M24	23 20	13 42	2 33	24 54	1 39	14 10	2 40	13 37	1 1	1 30	1 11	18 26	1 59	10 26	0 46	21 11
T 25	23 19	10 1	3 28	24 53	1 44	14 28	2 41	13 49	1 1	1 32	1 12	18 27	1 59	10 26	0 46	21 11
W26	23 17	5 50	4 14	24 51	1 48	14 46	2 41	14 0	1 1	1 34	1 12	18 28	1 59	10 26	0 46	21 12
T 27	23 15	1 17	4 49	24 48	1 51	15 4	2 41	14 12	1 0	1 36	1 12	18 29	1 59	10 27	0 46	21 12
F 28	23 13	3s27	5 10	24 44	1 55	15 22	2 41	14 24	1 0	1 37	1 12	18 31	1 59	10 27	0 47	21 12
S 29	23 10	8 11	5 14	24 38	1 58	15 39	2 42	14 35	1 0	1 39	1 13	18 32	1 59	10 27	0 47	21 12
S 30	23 6	12 38	5 0	24 30	2 1	15 56	2 41	14 46	0 59	1 40	1 13	18 33	1 59	10 28	0 47	21 12
M31	23s 2	16s29	4n26	24s22	2s 4	16s13	2n41	14s58	0n59	1s42	1n13	18s34	1n59	10n28	0n47	21s13

Julian Day Number = 2682712.5, Delta T = 22m24s  
Ecliptic obliquity = 23°21'20, Nutation = - 0°00'16  
Ayanamsha: Fagan/Bradley = 33°35'36, Lahiri = 32°42'36

## ASTRODIENST EPHEMERIS for the year 2633

JANUARY 2633

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 42 42	10♌14'19	18♌47	18♌18	25♌37	14♌20	7♌11	2♌16	4♌R42	16♌36	14♌R44	1♌R14	2♌18	9♌21	0♌38	T 1
W 2	6 46 38	11°15'25	3♌59	19°53	26°46	14°56	7°15	2°22	4♌41	16°38	14♌II43	1♌11	2°14	9°27	0°40	W 2
T 3	6 50 35	12°16'32	19°54	21°29	27°55	15°33	7°18	2°28	4°40	16°40	14°42	1°10	2°11	9°34	0°41	T 3
F 4	6 54 31	13°17'39	4♌22	23° 5	29° 4	16°10	7°22	2°34	4°38	16°43	14°41	1°D10	2° 8	9°41	0°42	F 4
S 5	6 58 28	14°18'46	19°15	24°41	0♌13	16°46	7°25	2°40	4°37	16°45	14°40	1°10	2° 5	9°47	0°43	S 5
S 6	7 2 25	15°19'53	3♌45	26°17	1°22	17°23	7°28	2°46	4°36	16°47	14°39	1°11	2° 2	9°54	0°44	S 6
M 7	7 6 21	16°21'00	17°49	27°53	2°32	17°59	7°31	2°52	4°34	16°49	14°38	1°13	1°58	10° 1	0°45	M 7
T 8	7 10 18	17°22'07	1°25	29°29	3°42	18°36	7°34	2°58	4°33	16°51	14°37	1°14	1°55	10° 7	0°46	T 8
W 9	7 14 14	18°23'14	14°37	1♌ 5	4°51	19°12	7°37	3° 3	4°31	16°53	14°36	1°R14	1°52	10°14	0°47	W 9
T 10	7 18 11	19°24'21	27°25	2°40	6° 1	19°49	7°39	3° 9	4°30	16°55	14°35	1°14	1°49	10°21	0°47	T 10
F 11	7 22 7	20°25'28	9♌54	4°15	7°11	20°25	7°41	3°15	4°28	16°57	14°34	1°13	1°46	10°27	0°48	F 11
S 12	7 26 4	21°26'35	22° 8	5°50	8°22	21° 2	7°44	3°20	4°26	16°59	14°33	1°12	1°43	10°34	0°48	S 12
S 13	7 30 0	22°27'41	4♌11	7°24	9°32	21°38	7°45	3°26	4°25	17° 1	14°33	1°11	1°39	10°41	0°48	S 13
M14	7 33 57	23°28'48	16° 6	8°57	10°42	22°14	7°47	3°31	4°23	17° 2	14°32	1°10	1°36	10°47	0°48	M14
T 15	7 37 54	24°29'54	27°56	10°29	11°53	22°51	7°49	3°37	4°21	17° 4	14°31	1° 9	1°33	10°54	0°48	T 15
W16	7 41 50	25°31'01	9♌44	12° 0	13° 3	23°27	7°50	3°42	4°19	17° 6	14°30	1° 8	1°30	11° 1	0°48	W16
T 17	7 45 47	26°32'07	21°33	13°29	14°14	24° 3	7°51	3°48	4°17	17° 8	14°29	1° 8	1°27	11° 7	0°48	T 17
F 18	7 49 43	27°33'13	3♌24	14°56	15°25	24°40	7°52	3°53	4°15	17°10	14°28	1°D 8	1°24	11°14	0°47	F 18
S 19	7 53 40	28°34'19	15°20	16°22	16°36	25°16	7°53	3°58	4°13	17°12	14°28	1° 8	1°20	11°20	0°47	S 19
S 20	7 57 36	29°35'25	27°23	17°44	17°47	25°52	7°53	4° 3	4°11	17°14	14°27	1° 8	1°17	11°27	0°46	S 20
M21	8 1 33	0♌36'30	9♌35	19° 3	18°58	26°28	7°54	4° 8	4° 9	17°15	14°26	1° 8	1°14	11°34	0°45	M21
T 22	8 5 29	1°37'36	21°57	20°18	20° 9	27° 4	7°R54	4°13	4° 7	17°17	14°25	1°R 8	1°11	11°40	0°45	T 22
W23	8 9 26	2°38'41	4♌34	21°28	21°21	27°40	7°54	4°18	4° 5	17°19	14°25	1° 8	1° 8	11°47	0°44	W23
T 24	8 13 23	3°39'47	17°28	22°34	22°32	28°16	7°54	4°23	4° 3	17°20	14°24	1° 8	1° 4	11°54	0°43	T 24
F 25	8 17 19	4°40'52	0♌40	23°33	23°44	28°52	7°53	4°27	4° 1	17°22	14°23	1°D 8	1° 1	12° 0	0°41	F 25
S 26	8 21 16	5°41'57	14°15	24°25	24°55	29°28	7°53	4°32	3°59	17°24	14°23	1° 8	0°58	12° 7	0°40	S 26
S 27	8 25 12	6°43'02	28°12	25°10	26° 7	0♌ 4	7°52	4°37	3°57	17°25	14°22	1° 8	0°55	12°14	0°39	S 27
M28	8 29 9	7°44'07	12♌31	25°46	27°19	0°40	7°51	4°41	3°54	17°27	14°21	1° 9	0°52	12°20	0°37	M28
T 29	8 33 5	8°45'12	27°11	26°12	28°31	1°16	7°50	4°46	3°52	17°29	14°21	1° 9	0°49	12°27	0°36	T 29
W30	8 37 2	9°46'17	12♌ 6	26°29	29°43	1°52	7°48	4°50	3°50	17°30	14°20	1°10	0°45	12°34	0°34	W30
T 31	8 40 58	10♌47'21	27♌ 9	26°R34	0♌55	2♌27	7♌47	4♌54	3♌47	17♌32	14♌II20	1°R10	0♌42	12♌40	0♌32	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	22s58	19s20	3n33	24s11	2s 6	16s30	2n41	15s 9	0n59	1s43	1n13	18s35	2n 0	10n29	0n47	21s13	1n29
W 2	22 53	20 53	2 25	24 0	2 8	16 46	2 40	15 20	0 59	1 44	1 14	18 36	2 0	10 29	0 47	21 13	1 29
T 3	22 47	20 54	1 6	23 46	2 9	17 2	2 40	15 31	0 58	1 45	1 14	18 37	2 0	10 30	0 47	21 13	1 29
F 4	22 42	19 23	0s18	23 32	2 10	17 17	2 39	15 41	0 58	1 47	1 14	18 39	2 0	10 30	0 47	21 13	1 29
S 5	22 35	16 34	1 39	23 16	2 11	17 33	2 38	15 52	0 58	1 48	1 14	18 40	2 0	10 31	0 47	21 13	1 29
S 6	22 29	12 45	2 51	22 58	2 11	17 48	2 37	16 3	0 57	1 49	1 15	18 41	2 0	10 31	0 47	21 14	1 29
M 7	22 22	8 21	3 51	22 39	2 11	18 2	2 36	16 13	0 57	1 50	1 15	18 42	2 0	10 32	0 47	21 14	1 29
T 8	22 14	3 39	4 35	22 19	2 11	18 16	2 35	16 24	0 57	1 50	1 15	18 43	2 0	10 32	0 47	21 14	1 29
W 9	22 6	1n 4	5 4	21 57	2 10	18 30	2 34	16 34	0 56	1 51	1 16	18 44	2 0	10 33	0 47	21 14	1 29
T 10	21 57	5 35	5 17	21 34	2 8	18 44	2 33	16 44	0 56	1 52	1 16	18 45	2 0	10 34	0 47	21 14	1 29
F 11	21 49	9 46	5 14	21 10	2 6	18 57	2 31	16 54	0 55	1 53	1 16	18 46	2 0	10 34	0 47	21 15	1 29
S 12	21 39	13 28	4 56	20 44	2 3	19 9	2 30	17 4	0 55	1 53	1 16	18 47	2 1	10 35	0 47	21 15	1 29
S 13	21 29	16 33	4 26	20 17	1 59	19 22	2 28	17 14	0 55	1 54	1 17	18 48	2 1	10 36	0 47	21 15	1 29
M14	21 19	18 54	3 45	19 49	1 55	19 33	2 26	17 23	0 54	1 54	1 17	18 48	2 1	10 36	0 47	21 15	1 29
T 15	21 9	20 26	2 54	19 19	1 51	19 45	2 25	17 33	0 54	1 54	1 17	18 49	2 1	10 37	0 47	21 15	1 29
W16	20 58	21 4	1 56	18 49	1 45	19 56	2 23	17 42	0 53	1 55	1 17	18 50	2 1	10 38	0 47	21 15	1 29
T 17	20 46	20 46	0 53	18 18	1 39	20 6	2 21	17 52	0 53	1 55	1 18	18 51	2 1	10 38	0 47	21 15	1 29
F 18	20 35	19 32	0n13	17 45	1 32	20 16	2 19	18 1	0 53	1 55	1 18	18 52	2 1	10 39	0 47	21 16	1 29
S 19	20 22	17 26	1 18	17 13	1 24	20 25	2 17	18 10	0 52	1 55	1 18	18 53	2 1	10 40	0 47	21 16	1 29
S 20	20 10	14 33	2 21	16 39	1 15	20 34	2 14	18 19	0 52	1 55	1 18	18 54	2 2	10 40	0 47	21 16	1 29
M21	19 57	11 1	3 18	16 6	1 5	20 42	2 12	18 28	0 51	1 55	1 19	18 54	2 2	10 41	0 47	21 16	1 29
T 22	19 44	6 58	4 7	15 32	0 55	20 50	2 10	18 37	0 51	1 55	1 19	18 55	2 2	10 42	0 47	21 16	1 29
W23	19 30	2 33	4 45	14 58	0 43	20 57	2 7	18 45	0 50	1 54	1 19	18 56	2 2	10 43	0 47	21 16	1 29
T 24	19 16	2s 4	5 9	14 25	0 30	21 4	2 5	18 54	0 50	1 54	1 20	18 57	2 2	10 44	0 47	21 16	1 29
F 25	19 2	6 42	5 18	13 53	0 17	21 10	2 2	19 2	0 50	1 54	1 20	18 57	2 2	10 44	0 47	21 17	1 29
S 26	18 47	11 7	5 10	13 22	0 2	21 16	2 0	19 10	0 49	1 53	1 20	18 58	2 2	10 45	0 48	21 17	1 29
S 27	18 32	15 5	4 43	12 53	0n13	21 21	1 57	19 18	0 49	1 53	1 20	18 59	2 2	10 46	0 48	21 17	1 29
M28	18 16	18 16	3 59	12 26	0 29	21 25	1 54	19 26	0 48	1 52	1 21	18 59	2 3	10 47	0 48	21 17	1 29
T 29	18 1	20 22	2 58	12 1	0 46	21 29	1 52	19 34	0 48	1 51	1 21	19 0	2 3	10 48	0 48	21 17	1 29
W30	17 44	21 5	1 44	11 39	1 4	21 33	1 49	19 42	0 47	1 50	1 21	19 1	2 3	10 49	0 48	21 17	1 30
T 31	17s28	20s17	0n22	11s20	1n22	21s35	1n46	19s49	0n47	1s50	1n21	19s 1	2n 3	10n49	0n48	21s17	1n30

Julian Day Number = 2682743.5, Delta T = 22m24s

Ecliptic obliquity = 23°21'20, Nutation = - 0°00'15

Ayanamsha: Fagan/Bradley = 33°35'40, Lahiri = 32°42'40

# ASTRODIENST EPHEMERIS for the year 2633

FEBRUARY 2633

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8 44 55	11 <sup>48</sup> 25	12 <sup>48</sup> 12	26 <sup>0</sup> R28	2 <sup>30</sup> 7	3 <sup>27</sup> 3	7 <sup>0</sup> R45	4 <sup>27</sup> 58	3 <sup>0</sup> R45	17 <sup>27</sup> 33	14 <sup>0</sup> R19	1 <sup>0</sup> R10	0 <sup>0</sup> 39	12 <sup>0</sup> 47	0 <sup>0</sup> R30	F 1
S 2	8 48 52	12 <sup>49</sup> 27	27 <sup>0</sup> 7	26 <sup>0</sup> 10	3 <sup>0</sup> 19	3 <sup>0</sup> 39	7 <sup>0</sup> 43	5 <sup>0</sup> 2	3 <sup>0</sup> 43	17 <sup>35</sup>	14 <sup>0</sup> 18	1 <sup>0</sup> 9	0 <sup>0</sup> 36	12 <sup>0</sup> 54	0 <sup>0</sup> 28	S 2
S 3	8 52 48	13 <sup>50</sup> 29	11 <sup>48</sup> 44	25 <sup>0</sup> 41	4 <sup>0</sup> 31	4 <sup>0</sup> 14	7 <sup>0</sup> 41	5 <sup>0</sup> 7	3 <sup>0</sup> 40	17 <sup>36</sup>	14 <sup>0</sup> 18	1 <sup>0</sup> 8	0 <sup>0</sup> 33	13 <sup>0</sup> 0	0 <sup>0</sup> 26	S 3
M 4	8 56 45	14 <sup>51</sup> 30	25 <sup>0</sup> 59	25 <sup>0</sup> 0	5 <sup>0</sup> 43	4 <sup>0</sup> 50	7 <sup>0</sup> 38	5 <sup>0</sup> 10	3 <sup>0</sup> 38	17 <sup>38</sup>	14 <sup>0</sup> 17	1 <sup>0</sup> 6	0 <sup>0</sup> 29	13 <sup>0</sup> 7	0 <sup>0</sup> 23	M 4
T 5	9 0 41	15 <sup>52</sup> 31	9 <sup>0</sup> 46	24 <sup>0</sup> 10	6 <sup>0</sup> 56	5 <sup>0</sup> 26	7 <sup>0</sup> 36	5 <sup>0</sup> 14	3 <sup>0</sup> 35	17 <sup>39</sup>	14 <sup>0</sup> 17	1 <sup>0</sup> 4	0 <sup>0</sup> 26	13 <sup>0</sup> 14	0 <sup>0</sup> 21	T 5
W 6	9 4 38	16 <sup>53</sup> 30	23 <sup>0</sup> 7	23 <sup>0</sup> 11	8 <sup>0</sup> 8	6 <sup>0</sup> 1	7 <sup>0</sup> 33	5 <sup>0</sup> 18	3 <sup>0</sup> 33	17 <sup>40</sup>	14 <sup>0</sup> 17	1 <sup>0</sup> 2	0 <sup>0</sup> 23	13 <sup>0</sup> 20	0 <sup>0</sup> 19	W 6
T 7	9 8 34	17 <sup>54</sup> 28	6 <sup>0</sup> 2	22 <sup>0</sup> 5	9 <sup>0</sup> 20	6 <sup>0</sup> 36	7 <sup>0</sup> 30	5 <sup>0</sup> 22	3 <sup>0</sup> 30	17 <sup>42</sup>	14 <sup>0</sup> 16	1 <sup>0</sup> 1	0 <sup>0</sup> 20	13 <sup>0</sup> 27	0 <sup>0</sup> 16	T 7
F 8	9 12 31	18 <sup>55</sup> 25	18 <sup>0</sup> 35	20 <sup>0</sup> 54	10 <sup>0</sup> 33	7 <sup>0</sup> 12	7 <sup>0</sup> 27	5 <sup>0</sup> 25	3 <sup>0</sup> 28	17 <sup>43</sup>	14 <sup>0</sup> 16	1 <sup>0</sup> D 1	0 <sup>0</sup> 17	13 <sup>0</sup> 34	0 <sup>0</sup> 13	F 8
S 9	9 16 27	19 <sup>56</sup> 20	0 <sup>0</sup> 49	19 <sup>0</sup> 40	11 <sup>0</sup> 45	7 <sup>0</sup> 47	7 <sup>0</sup> 24	5 <sup>0</sup> 29	3 <sup>0</sup> 25	17 <sup>44</sup>	14 <sup>0</sup> 15	1 <sup>0</sup> 1	0 <sup>0</sup> 14	13 <sup>0</sup> 40	0 <sup>0</sup> 11	S 9
S 10	9 20 24	20 <sup>57</sup> 15	12 <sup>0</sup> 50	18 <sup>0</sup> 25	12 <sup>0</sup> 58	8 <sup>0</sup> 22	7 <sup>0</sup> 21	5 <sup>0</sup> 32	3 <sup>0</sup> 23	17 <sup>46</sup>	14 <sup>0</sup> 15	1 <sup>0</sup> 2	0 <sup>0</sup> 10	13 <sup>0</sup> 47	0 <sup>0</sup> 8	S 10
M 11	9 24 21	21 <sup>58</sup> 08	24 <sup>0</sup> 41	17 <sup>0</sup> 11	14 <sup>0</sup> 10	8 <sup>0</sup> 58	7 <sup>0</sup> 17	5 <sup>0</sup> 36	3 <sup>0</sup> 20	17 <sup>47</sup>	14 <sup>0</sup> 15	1 <sup>0</sup> 4	0 <sup>0</sup> 7	13 <sup>0</sup> 53	0 <sup>0</sup> 5	M 11
T 12	9 28 17	22 <sup>59</sup> 01	6 <sup>0</sup> 29	16 <sup>0</sup> 1	15 <sup>0</sup> 23	9 <sup>0</sup> 33	7 <sup>0</sup> 13	5 <sup>0</sup> 39	3 <sup>0</sup> 18	17 <sup>48</sup>	14 <sup>0</sup> 14	1 <sup>0</sup> 6	0 <sup>0</sup> 4	14 <sup>0</sup> 0	0 <sup>0</sup> 2	T 12
W 13	9 32 14	23 <sup>59</sup> 52	18 <sup>0</sup> 16	14 <sup>0</sup> 56	16 <sup>0</sup> 36	10 <sup>0</sup> 8	7 <sup>0</sup> 9	5 <sup>0</sup> 42	3 <sup>0</sup> 15	17 <sup>49</sup>	14 <sup>0</sup> 14	1 <sup>0</sup> 7	0 <sup>0</sup> 1	14 <sup>0</sup> 7	29 <sup>0</sup> 59	W 13
T 14	9 36 10	25 <sup>0</sup> 042	0 <sup>0</sup> 7	13 <sup>0</sup> 57	17 <sup>0</sup> 48	10 <sup>0</sup> 43	7 <sup>0</sup> 5	5 <sup>0</sup> 45	3 <sup>0</sup> 13	17 <sup>50</sup>	14 <sup>0</sup> 14	1 <sup>0</sup> R 8	29 <sup>0</sup> 58	14 <sup>0</sup> 13	29 <sup>0</sup> 55	T 14
F 15	9 40 7	26 <sup>0</sup> 1'30	12 <sup>0</sup> 5	13 <sup>0</sup> 5	19 <sup>0</sup> 1	11 <sup>0</sup> 18	7 <sup>0</sup> 1	5 <sup>0</sup> 48	3 <sup>0</sup> 10	17 <sup>52</sup>	14 <sup>0</sup> 13	1 <sup>0</sup> 7	29 <sup>0</sup> 55	14 <sup>0</sup> 20	29 <sup>0</sup> 52	F 15
S 16	9 44 3	27 <sup>0</sup> 2'17	24 <sup>0</sup> 11	12 <sup>0</sup> 21	20 <sup>0</sup> 14	11 <sup>0</sup> 53	6 <sup>0</sup> 56	5 <sup>0</sup> 51	3 <sup>0</sup> 7	17 <sup>53</sup>	14 <sup>0</sup> 13	1 <sup>0</sup> 5	29 <sup>0</sup> 51	14 <sup>0</sup> 27	29 <sup>0</sup> 49	S 16
S 17	9 48 0	28 <sup>0</sup> 3'04	6 <sup>0</sup> 27	11 <sup>0</sup> 46	21 <sup>0</sup> 27	12 <sup>0</sup> 28	6 <sup>0</sup> 52	5 <sup>0</sup> 54	3 <sup>0</sup> 5	17 <sup>54</sup>	14 <sup>0</sup> 13	1 <sup>0</sup> 2	29 <sup>0</sup> 48	14 <sup>0</sup> 33	29 <sup>0</sup> 45	S 17
M 18	9 51 56	29 <sup>0</sup> 3'49	18 <sup>0</sup> 55	11 <sup>0</sup> 19	22 <sup>0</sup> 40	13 <sup>0</sup> 3	6 <sup>0</sup> 47	5 <sup>0</sup> 56	3 <sup>0</sup> 2	17 <sup>55</sup>	14 <sup>0</sup> 13	0 <sup>0</sup> 58	29 <sup>0</sup> 45	14 <sup>0</sup> 40	29 <sup>0</sup> 42	M 18
T 19	9 55 53	0 <sup>0</sup> 4'33	1 <sup>0</sup> 45	11 <sup>0</sup> 0	23 <sup>0</sup> 53	13 <sup>0</sup> 37	6 <sup>0</sup> 42	5 <sup>0</sup> 59	2 <sup>0</sup> 59	17 <sup>56</sup>	14 <sup>0</sup> 13	0 <sup>0</sup> 53	29 <sup>0</sup> 42	14 <sup>0</sup> 47	29 <sup>0</sup> 38	T 19
W 20	9 59 49	1 <sup>0</sup> 5'15	14 <sup>0</sup> 29	10 <sup>0</sup> 49	25 <sup>0</sup> 6	14 <sup>0</sup> 12	6 <sup>0</sup> 37	6 <sup>0</sup> 1	2 <sup>0</sup> 57	17 <sup>57</sup>	14 <sup>0</sup> 12	0 <sup>0</sup> 48	29 <sup>0</sup> 39	14 <sup>0</sup> 53	29 <sup>0</sup> 34	W 20
T 21	10 3 46	2 <sup>0</sup> 5'57	27 <sup>0</sup> 35	10 <sup>0</sup> D46	26 <sup>0</sup> 19	14 <sup>0</sup> 47	6 <sup>0</sup> 32	6 <sup>0</sup> 4	2 <sup>0</sup> 54	17 <sup>58</sup>	14 <sup>0</sup> 12	0 <sup>0</sup> 43	29 <sup>0</sup> 35	15 <sup>0</sup> 0	29 <sup>0</sup> 31	T 21
F 22	10 7 43	3 <sup>0</sup> 6'38	10 <sup>0</sup> 55	10 <sup>0</sup> 50	27 <sup>0</sup> 32	15 <sup>0</sup> 21	6 <sup>0</sup> 26	6 <sup>0</sup> 6	2 <sup>0</sup> 52	17 <sup>58</sup>	14 <sup>0</sup> 12	0 <sup>0</sup> 40	29 <sup>0</sup> 32	15 <sup>0</sup> 7	29 <sup>0</sup> 27	F 22
S 23	10 11 39	4 <sup>0</sup> 7'17	24 <sup>0</sup> 30	11 <sup>0</sup> 1	28 <sup>0</sup> 45	15 <sup>0</sup> 56	6 <sup>0</sup> 21	6 <sup>0</sup> 8	2 <sup>0</sup> 49	17 <sup>59</sup>	14 <sup>0</sup> 12	0 <sup>0</sup> 38	29 <sup>0</sup> 29	15 <sup>0</sup> 13	29 <sup>0</sup> 23	S 23
S 24	10 15 36	5 <sup>0</sup> 7'56	8 <sup>0</sup> 27	11 <sup>0</sup> 18	29 <sup>0</sup> 58	16 <sup>0</sup> 30	6 <sup>0</sup> 15	6 <sup>0</sup> 10	2 <sup>0</sup> 46	18 <sup>0</sup> 0	14 <sup>0</sup> 12	0 <sup>0</sup> D38	29 <sup>0</sup> 26	15 <sup>0</sup> 20	29 <sup>0</sup> 19	S 24
M 25	10 19 32	6 <sup>0</sup> 8'34	22 <sup>0</sup> 24	11 <sup>0</sup> 41	1 <sup>0</sup> 11	17 <sup>0</sup> 5	6 <sup>0</sup> 9	6 <sup>0</sup> 12	2 <sup>0</sup> 44	18 <sup>0</sup> 1	14 <sup>0</sup> 12	0 <sup>0</sup> 38	29 <sup>0</sup> 23	15 <sup>0</sup> 27	29 <sup>0</sup> 15	M 25
T 26	10 23 29	7 <sup>0</sup> 9'10	6 <sup>0</sup> 42	12 <sup>0</sup> 10	2 <sup>0</sup> 24	17 <sup>0</sup> 39	6 <sup>0</sup> 3	6 <sup>0</sup> 14	2 <sup>0</sup> 41	18 <sup>0</sup> 2	14 <sup>0</sup> 12	0 <sup>0</sup> 40	29 <sup>0</sup> 20	15 <sup>0</sup> 33	29 <sup>0</sup> 11	T 26
W 27	10 27 25	8 <sup>0</sup> 9'46	21 <sup>0</sup> 12	12 <sup>0</sup> 43	3 <sup>0</sup> 37	18 <sup>0</sup> 13	5 <sup>0</sup> 57	6 <sup>0</sup> 16	2 <sup>0</sup> 38	18 <sup>0</sup> 2	14 <sup>0</sup> D12	0 <sup>0</sup> 41	29 <sup>0</sup> 16	15 <sup>0</sup> 40	29 <sup>0</sup> 7	W 27
T 28	10 31 22	9 <sup>0</sup> 10'20	5 <sup>0</sup> 50	13 <sup>0</sup> 22	4 <sup>0</sup> 51	18 <sup>0</sup> 47	5 <sup>0</sup> 51	6 <sup>0</sup> 18	2 <sup>0</sup> 36	18 <sup>0</sup> 3	14 <sup>0</sup> 12	0 <sup>0</sup> R41	29 <sup>0</sup> 13	15 <sup>0</sup> 47	29 <sup>0</sup> 3	T 28

Day	☉	☾	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl
F 1	17s11	18s 3	1s 1	11s 5	1n40	21s37	1n43	19s56	0n46	1s49	1n22	19s 2	2n 3	10n50	0n48	21s17	1n30	10n25	12s 6	19n50	19n56	21n10	4s 4	4s13
S 2	16 54	14 37	2 19	10 55	1 57	21 39	1 40	20 4	0 46	1 48	1 22	19 3	2 3	10 51	0 48	21 17	1 30	10 25	12 6	19 50	19 57	21 10	4 4	4 13
S 3	16 37	10 19	3 27	10 48	2 15	21 40	1 37	20 11	0 45	1 47	1 22	19 3	2 3	10 52	0 48	21 18	1 30	10 25	12 6	19 50	19 58	21 11	4 3	4 13
M 4	16 19	5 34	4 19	10 46	2 31	21 40	1 34	20 18	0 44	1 45	1 22	19 4	2 4	10 53	0 48	21 18	1 30	10 25	12 6	19 51	19 59	21 11	4 2	4 14
T 5	16 1	0 40	4 55	10 48	2 47	21 40	1 31	20 25	0 44	1 44	1 23	19 4	2 4	10 54	0 48	21 18	1 30	10 25	12 5	19 51	19 59	21 11	4 1	4 14
W 6	15 43	4n 6	5 14	10 54	3 1	21 39	1 28	20 32	0 43	1 43	1 23	19 5	2 4	10 55	0 48	21 18	1 30	10 26	12 5	19 51	20 0	21 11	4 0	4 14
T 7	15 25	8 31	5 16	11 4	3 13	21 37	1 25	20 38	0 43	1 42	1 23	19 5	2 4	10 56	0 48	21 18	1 30	10 26	12 5	19 52	20 1	21 11	3 59	4 14
F 8	15 6	12 27	5 2	11 17	3 22	21 35	1 22	20 45	0 42	1 40	1 23	19 6	2 4	10 57	0 48	21 18	1 30	10 26	12 4	19 52	20 1	21 11	3 58	4 14
S 9	14 47	15 46	4 35	11 33	3 30	21 32	1 18	20 51	0 42	1 39	1 24	19 6	2 4	10 58	0 48	21 18	1 30	10 26	12 4	19 52	20 2	21 12	3 57	4 14
S 10	14 28	18 21	3 56	11 51	3 34	21 29	1 15	20 57	0 41	1 37	1 24	19 7	2 5	10 58	0 48	21 18	1 30	10 26	12 4	19 51	20 3	21 12	3 56	4 14
M 11	14 8	20 7	3 8	12 11	3 37	21 25	1 12	21 3	0 40	1 35	1 24	19 7	2 5	10 59	0 48	21 18	1 30	10 27	12 4	19 51	20 3	21 12	3 55	4 14
T 12	13 49	21 0	2 12	12 32	3 37	21 20	1 9	21 9	0 40	1 34	1 24	19 7	2 5	11 0	0 48	21 18	1 30	10 27	12 3	19 51	20 4	21 12	3 54	4 14
W 13	13 29	20 57	1 10	12 53	3 34	21 15	1 5	21 15	0 39	1 32	1 25	19 8	2 5	11 1	0 48	21 18	1 30	10 27	12 3	19 50	20 5	21 12	3 53	4 14
T 14	13 8	19 58	0 6	13 14	3 30	21 9	1 2	21 20	0 38	1 30	1 25	19 8	2 5	11 2	0 48	21 18	1 30	10 27	12 3	19 50	20 5	21 12	3 51	4 14
F 15	12 48	18 4	1n 0	13 34	3 24	21 3	0 59	21 26	0 38	1 28	1 25	19 8	2 5	11 3	0 48	21 18	1 30	10 28	12 3	19 50	20 6	21 13	3 50	4 14
S 16	12 27	15 21	2 4	13 54	3 16	20 55	0 55	21 31	0 37	1 26	1 25	19 9	2 6	11 4	0 48	21 18	1 30	10 28	12 2	19 51	20 7	21 13	3 49	4 14
S 17	12 7	11 56	3 2	14 12	3 7	20 48	0 52	21 36	0 36	1 24	1 26	19 9	2 6	11 5	0 48	21 19	1 30	10 28	12 2	19 51	20 7	21 13	3 47	4 14
M 18	11 46	7 57	3 53	14 30	2 57	20 39	0 49	21 42	0 36	1 22	1 26	19 9	2 6	11 6	0 48	21 19	1 30	10 28	12 2	19 52	20 8	21 13	3 46	4 14
T 19	11 24	3 33	4 33	14 45	2 46	20 31	0 45	21 47	0 35	1 20	1 26	19 10	2 6	11 7	0 48	21 19	1 30	10 29	12 1	19 53	20 9	21 13	3 45	4 14
W 20	11 3	1s 4	5 0	14 59	2 34	20 21	0 42	21 51	0 34	1 18	1 26	19 10	2 6	11 8	0 48	21 19	1 30	10 29	12 1	19 55	20 9	21 13	3 43	4 14
T 21	10 41	5 43	5 12	15 12	2 22	20 11	0 39	21 56	0 34	1 16	1 26	19 10	2 6	11 9	0 48	21 19	1 30	10 29	12 1	19 56	20 10	21 13	3 42	4 14
F 22	10 20	10 10	5 8	15 22	2 10	20 0	0 35	22 1	0 33	1 13	1 27	19 10	2 7	11 10	0 48	21 19	1 30	10 29	12 1	19 56	20 11	21 14	3 40	4 14
S 23	9 58	14 12	4 46	15 31	1 57	19 49	0 32	22 5	0 32	1 11	1 27	19 11	2 7	11 11	0 48	21 19	1 30	10 30	12 0	19 57	20 11	21 14	3 38	4 14
S 24	9 36	17 32	4 8	15 39	1 45	19 37	0 29	22 9	0 31	1 8	1 27	19 11	2 7	11 12	0 48	21 19	1 31	10 30	12 0	19 57	20 12	21 14	3 37	4 14
M 25	9 14	19 55	3 14	15 44	1 32	19 12	0 25	22 13	0 31	1 6	1 27	19 11	2 7	11 13	0 48	21 19	1 31	10 30	12 0	19 57	20 13	21 14	3 35	4 14
T 26	8 51	21 4	2 7	15 48	1 20	19 12	0 22	22 17	0 30	1 3	1 27	19 11	2 7	11 14	0 48	21 19	1 31	10 31	11 59	19 56	20 13	21 14	3 33	4 14
W 27	8 29	20 51	0 52	15 51	1 8	18 58	0 19	22 21	0 29	1 1	1 28	19 11	2 7	11 15	0 48	21 19	1 31	10 31	11 59	19 56	20 14	21 14	3 32	4 14
T 28	8s 6	19s12	0s28	15s51	0n56	18s44	0n16	22s25	0n28	0s58	1n28	19s11	2n 8	11n15	0n48	21s19	1n31	10n31	11s59	19n56	20n15	21n14	3s30	4s14

# ASTRODIENST EPHEMERIS for the year 2633

MARCH 2633

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	10 35 19	10°11'53"	20°32'32"	14°44'4"	6°44'4"	19°21'21"	5°R45	6°19'19"	2°R33	18°44'4"	14°11'12"	0°R40	29°51'10"	15°53'53"	28°R58	F 1
S 2	10 39 15	11°11'24"	5°10'10"	14°50'7"	7°17'17"	19°55'55"	5°15'38"	6°21'21"	2°10'31"	18°44'4"	14°12'12"	0°12'36"	29°7'7"	16°0'0"	28°10'54"	S 2
S 3	10 43 12	12°11'54"	19°37'37"	15°40'8"	8°31'31"	20°29'29"	5°32'32"	6°22'22"	2°28'28"	18°5'5"	14°12'12"	0°31'31"	29°4'4"	16°6'6"	28°50'50"	S 3
M 4	10 47 8	13°12'23"	3°14'48"	16°33'33"	9°44'44"	21°3'3"	5°25'25"	6°23'23"	2°25'25"	18°6'6"	14°12'12"	0°24'24"	29°1'1"	16°13'13"	28°45'45"	M 4
T 5	10 51 5	14°12'49"	17°37'37"	17°30'30"	10°57'57"	21°37'37"	5°18'18"	6°25'25"	2°23'23"	18°6'6"	14°12'12"	0°16'16"	28°57'57"	16°20'20"	28°41'41"	T 5
W 6	10 55 1	15°13'14"	1°18'29"	18°29'29"	12°11'11"	22°10'10"	5°11'11"	6°26'26"	2°20'20"	18°7'7"	14°12'12"	0°9'9"	28°54'54"	16°26'26"	28°36'36"	W 6
T 7	10 58 58	16°13'37"	14°2'2"	19°31'31"	13°24'24"	22°44'44"	5°4'4"	6°27'27"	2°18'18"	18°7'7"	14°13'13"	0°3'3"	28°51'51"	16°33'33"	28°32'32"	T 7
F 8	11 2 54	17°13'58"	26°38'38"	20°35'35"	14°37'37"	23°18'18"	4°57'57"	6°28'28"	2°15'15"	18°8'8"	14°13'13"	29°59'59"	28°48'48"	16°40'40"	28°27'27"	F 8
S 9	11 6 51	18°14'18"	8°11'56"	21°41'41"	15°51'51"	23°51'51"	4°50'50"	6°28'28"	2°13'13"	18°8'8"	14°13'13"	29°56'56"	28°45'45"	16°46'46"	28°23'23"	S 9
S 10	11 10 47	19°14'35"	20°58'58"	22°50'50"	17°4'4"	24°24'24"	4°43'43"	6°29'29"	2°10'10"	18°8'8"	14°13'13"	29°D56	28°41'41"	16°53'53"	28°18'18"	S 10
M 11	11 14 44	20°14'50"	2°50'50"	24°1'1"	18°18'18"	24°57'57"	4°36'36"	6°30'30"	2°8'8"	18°9'9"	14°13'13"	29°57'57"	28°38'38"	17°0'0"	28°13'13"	M 11
T 12	11 18 41	21°15'04"	14°38'38"	25°13'13"	19°31'31"	25°31'31"	4°28'28"	6°30'30"	2°5'5"	18°9'9"	14°14'14"	29°58'58"	28°35'35"	17°6'6"	28°9'9"	T 12
W 13	11 22 37	22°15'15"	26°26'26"	26°28'28"	20°45'45"	26°4'4"	4°21'21"	6°30'30"	2°3'3"	18°9'9"	14°14'14"	29°R59	28°32'32"	17°13'13"	28°4'4"	W 13
T 14	11 26 34	23°15'25"	8°12'19"	27°44'44"	21°58'58"	26°36'36"	4°13'13"	6°31'31"	2°1'1"	18°9'9"	14°14'14"	29°59'59"	28°29'29"	17°20'20"	27°59'59"	T 14
F 15	11 30 30	24°15'32"	20°23'23"	29°2'2"	23°12'12"	27°9'9"	4°6'6"	6°31'31"	1°58'58"	18°10'10"	14°15'15"	29°56'56"	28°26'26"	17°26'26"	27°55'55"	F 15
S 16	11 34 27	25°15'38"	2°10'39"	0°11'21"	24°25'25"	27°42'42"	3°58'58"	6°R31	1°56'56"	18°10'10"	14°15'15"	29°52'52"	28°22'22"	17°33'33"	27°50'50"	S 16
S 17	11 38 23	26°15'41"	15°9'9"	1°42'42"	25°39'39"	28°15'15"	3°50'50"	6°31'31"	1°53'53"	18°10'10"	14°15'15"	29°44'44"	28°19'19"	17°40'40"	27°45'45"	S 17
M 18	11 42 20	27°15'43"	27°56'56"	3°5'5"	26°52'52"	28°47'47"	3°43'43"	6°31'31"	1°51'51"	18°10'10"	14°16'16"	29°35'35"	28°16'16"	17°46'46"	27°41'41"	M 18
T 19	11 46 16	28°15'43"	10°15'48"	4°28'28"	28°6'6"	29°20'20"	3°35'35"	6°30'30"	1°49'49"	18°10'10"	14°16'16"	29°25'25"	28°13'13"	17°53'53"	27°36'36"	T 19
W 20	11 50 13	29°15'41"	24°15'15"	5°54'54"	29°19'19"	29°52'52"	3°27'27"	6°30'30"	1°47'47"	18°R10	14°17'17"	29°14'14"	28°10'10"	17°59'59"	27°31'31"	W 20
T 21	11 54 10	0°15'37"	7°14'44"	7°20'20"	0°11'33"	0°12'24"	3°19'19"	6°30'30"	1°44'44"	18°10'10"	14°17'17"	29°4'4"	28°6'6"	18°6'6"	27°26'26"	T 21
F 22	11 58 6	1°15'31"	21°24'24"	8°48'48"	1°47'47"	0°56'56"	3°12'12"	6°29'29"	1°42'42"	18°10'10"	14°18'18"	28°57'57"	28°3'3"	18°13'13"	27°22'22"	F 22
S 23	12 2 3	2°15'25"	5°12'12"	10°17'17"	3°0'0"	1°28'28"	3°4'4"	6°28'28"	1°40'40"	18°10'10"	14°18'18"	28°51'51"	28°0'0"	18°19'19"	27°17'17"	S 23
S 24	12 5 59	3°15'16"	19°8'8"	11°48'48"	4°14'14"	2°0'0"	2°56'56"	6°28'28"	1°38'38"	18°10'10"	14°19'19"	28°48'48"	27°57'57"	18°26'26"	27°12'12"	S 24
M 25	12 9 56	4°15'06"	3°13'19"	13°19'19"	5°27'27"	2°32'32"	2°48'48"	6°27'27"	1°36'36"	18°10'10"	14°19'19"	28°D47	27°54'54"	18°33'33"	27°8'8"	M 25
T 26	12 13 52	5°14'54"	17°15'15"	14°52'52"	6°41'41"	3°3'3"	2°40'40"	6°26'26"	1°34'34"	18°10'10"	14°20'20"	28°47'47"	27°51'51"	18°39'39"	27°3'3"	T 26
W 27	12 17 49	6°14'41"	1°18'26"	16°26'26"	7°55'55"	3°35'35"	2°33'33"	6°25'25"	1°32'32"	18°9'9"	14°20'20"	28°R48	27°47'47"	18°46'46"	26°58'58"	W 27
T 28	12 21 45	7°14'26"	15°40'40"	18°2'2"	9°8'8"	4°6'6"	2°25'25"	6°24'24"	1°30'30"	18°9'9"	14°21'21"	28°47'47"	27°44'44"	18°53'53"	26°54'54"	T 28
F 29	12 25 42	8°14'09"	29°55'55"	19°39'39"	10°22'22"	4°37'37"	2°17'17"	6°22'22"	1°28'28"	18°9'9"	14°22'22"	28°43'43"	27°41'41"	18°59'59"	26°49'49"	F 29
S 30	12 29 39	9°13'50"	14°11'6"	21°17'17"	11°36'36"	5°8'8"	2°9'9"	6°21'21"	1°26'26"	18°9'9"	14°22'22"	28°37'37"	27°38'38"	19°6'6"	26°44'44"	S 30
S 31	12 33 35	10°13'30"	28°11'10"	22°11'56"	12°11'49"	5°12'39"	2°12'2"	6°12'20"	1°10'24"	18°8'8"	14°11'23"	28°28'28"	27°35'35"	19°13'13"	26°10'40"	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	decl	decl	decl	decl	decl	decl	decl	decl	decl	decl	decl	decl	decl	decl
F 1	7s43	16s16	1s46	15s51	0n44	18s29	0n12	22s29	0n27	0s56	1n28	19s11	2n 8	11n16	0n48	21s19
S 2	7 21	12 19	2 56	15 48	0 33	18 14	0 9	22 32	0 26	0 53	1 28	19 11	2 8	11 17	0 48	21 19
S 3	6 58	7 41	3 54	15 44	0 22	17 59	0 6	22 35	0 27	0 50	1 28	19 12	2 8	11 18	0 48	21 19
M 4	6 35	2 44	4 37	15 39	0 11	17 42	0 3	22 39	0 25	0 47	1 28	19 12	2 8	11 19	0 48	21 19
T 5	6 12	2n14	5 2	15 32	0 0	17 26	0s 0	22 42	0 24	0 45	1 29	19 12	2 9	11 20	0 48	21 19
W 6	5 48	6 57	5 9	15 23	0s10	17 8	0 3	22 45	0 23	0 42	1 29	19 12	2 9	11 21	0 48	21 19
T 7	5 25	11 13	5 0	15 14	0 20	16 51	0 7	22 47	0 22	0 39	1 29	19 12	2 9	11 22	0 48	21 19
F 8	5 2	14 51	4 37	15 2	0 29	16 33	0 10	22 50	0 21	0 36	1 29	19 12	2 9	11 23	0 48	21 19
S 9	4 38	17 45	4 1	14 50	0 38	16 14	0 13	22 53	0 20	0 33	1 29	19 11	2 9	11 24	0 48	21 19
S 10	4 15	19 48	3 15	14 36	0 47	15 55	0 16	22 55	0 19	0 30	1 29	19 11	2 9	11 25	0 48	21 19
M 11	3 51	20 58	2 21	14 20	0 55	15 35	0 19	22 57	0 18	0 27	1 29	19 11	2 10	11 25	0 48	21 19
T 12	3 27	21 12	1 22	14 4	1 3	15 15	0 22	22 59	0 17	0 24	1 30	19 11	2 10	11 26	0 48	21 19
W 13	3 4	20 29	0 19	13 46	1 11	14 55	0 24	23 2	0 16	0 21	1 30	19 11	2 10	11 27	0 48	21 19
T 14	2 40	18 51	0n45	13 26	1 18	14 34	0 27	23 3	0 15	0 18	1 30	19 11	2 10	11 28	0 48	21 19
F 15	2 16	16 21	1 47	13 6	1 25	14 13	0 30	23 5	0 14	0 15	1 30	19 11	2 10	11 29	0 48	21 19
S 16	1 53	13 5	2 46	12 44	1 31	13 51	0 33	23 7	0 13	0 12	1 30	19 11	2 10	11 30	0 48	21 19
S 17	1 29	9 11	3 38	12 21	1 37	13 29	0 35	23 8	0 12	0 9	1 30	19 11	2 11	11 31	0 48	21 19
M 18	1 5	4 47	4 20	11 56	1 43	13 7	0 38	23 10	0 11	0 5	1 30	19 10	2 11	11 31	0 48	21 19
T 19	0 41	0 6	4 49	11 31	1 48	12 44	0 41	23 11	0 10	0 2	1 30	19 10	2 11	11 32	0 48	21 19
W 20	0 18	4s40	5 3	11 4	1 53	12 21	0 43	23 13	0 9	0n 1	1 30	19 10	2 11	11 33	0 48	21 19
T 21	0n 6	9 18	5 1	10 36	1 57	11 57	0 46	23 14	0 8	0 4	1 30	19 10	2 11	11 34	0 48	21 19
F 22	0 30	13 31	4 41	10 7	2 2	11 33	0 48	23 15	0 7	0 7	1 30	19 9	2 11	11 34	0 48	21 18
S 23	0 54	17 4	4 6	9 37	2 5	11 9	0 51	23 16	0 5	0 10	1 30	19 9	2 12	11 35	0 48	21 18
S 24	1 17	19 40	3 15	9 6	2 8	10 45	0 53	23 16	0 4	0 13	1 30	19 9	2 12	11 36	0 48	21 18
M 25	1 41	21 7	2 12	8 33	2 11	10 20	0 55	23 17	0 3	0 16	1 30	19 9	2 12	11 37	0 48	21 18
T 26	2 5	21 14	1 1	8 0	2 14	9 55	0 58	23 18	0 2	0 19	1 30	19 8	2 12	11 37	0 48	21 18
W 27	2 28	20 0	0s14	7 25	2 16	9 30	1 0	23 18	0 0	0 23	1 30	19 8	2 12	11 38	0 48	21 18
T 28	2 52	17 30	1 29	6 49	2 17	9 4	1 2	23 18	0s 1	0 26	1 30	19 7	2 12	11 39	0 48	21 18
F 29	3 15	13 55	2 37	6 12	2 18	8 38	1 4	23 19	0 2	0 29	1 30	19 7	2 13	11 39	0 48	21 18
S 30	3 39	9 34	3 36	5 35	2 19	8 12	1 6	23 19	0 4	0 32	1 30	19 7	2 13	11 40	0 47	21 18
S 31	4n 2	4s43	4s21	4s56	2s19	7s46	1s 8	23s19	0s 5	0n35	1n30	19s 6	2n13	11n41	0n47	21s18

Julian Day Number = 2682802.5, Delta T = 22m25s  
Ecliptic obliquity = 23°21'21", Nutation = - 0°00'14"  
Ayanamsha: Fagan/Bradley = 33°35'49", Lahiri = 32°42'48"

# ASTRODIENST EPHEMERIS for the year 2633

APRIL 2633

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	12 37 32	11°13'07"	12°2'3	24°36	14°3	6°10	1°R54	6°R18	1°R22	18°R 8	14°II24	28°R17	27°32	19°319	26°R35	M 1
T 2	12 41 28	12°12'43	25°39	26°18	15°17	6°40	1°A46	6°A16	1°M20	18°A 7	14°24	28°5	27°28	19°26	26°M31	T 2
W 3	12 45 25	13°12'16	8°56	28°1	16°31	7°11	1°39	6°15	1°19	18°7	14°25	27°53	27°25	19°32	26°W3	W 3
T 4	12 49 21	14°11'48	21°52	29°46	17°44	7°41	1°31	6°13	1°17	18°7	14°26	27°42	27°22	19°39	26°22	T 4
F 5	12 53 18	15°11'17	4°II27	1°Y31	18°58	8°11	1°24	6°11	1°15	18°6	14°26	27°33	27°19	19°46	26°18	F 5
S 6	12 57 14	16°10'44	16°45	3°18	20°12	8°41	1°17	6°9	1°13	18°6	14°27	27°28	27°16	19°52	26°13	S 6
S 7	13 1 11	17°10'09	28°48	5°6	21°25	9°11	1°9	6°7	1°12	18°5	14°28	27°24	27°12	19°59	26°9	S 7
M 8	13 5 7	18°9'32	10°41	6°56	22°39	9°40	1°2	6°5	1°10	18°4	14°29	27°23	27°9	20°6	26°5	M 8
T 9	13 9 4	19°8'52	22°29	8°47	23°53	10°9	0°55	6°2	1°9	18°4	14°30	27°23	27°6	20°12	26°1	T 9
W10	13 13 1	20°8'10	4°II18	10°39	25°6	10°39	0°48	6°0	1°7	18°3	14°31	27°23	27°3	20°19	25°57	W10
T 11	13 16 57	21°7'26	16°13	12°33	26°20	11°8	0°41	5°57	1°6	18°2	14°31	27°22	27°0	20°26	25°53	T 11
F 12	13 20 54	22°6'40	28°20	14°28	27°34	11°37	0°34	5°55	1°5	18°2	14°32	27°18	26°57	20°32	25°49	F 12
S 13	13 24 50	23°5'51	10°M42	16°24	28°48	12°5	0°27	5°52	1°3	18°1	14°33	27°13	26°53	20°39	25°45	S 13
S 14	13 28 47	24°5'00	23°23	18°22	0°Y1	12°34	0°21	5°50	1°2	18°0	14°34	27°4	26°50	20°46	25°41	S 14
M15	13 32 43	25°4'07	6°A25	20°21	1°15	13°2	0°14	5°47	1°1	17°59	14°35	26°54	26°47	20°52	25°37	M15
T 16	13 36 40	26°3'11	19°47	22°21	2°29	13°30	0°8	5°44	1°0	17°59	14°36	26°41	26°44	20°59	25°34	T 16
W17	13 40 36	27°2'14	3°M28	24°23	3°42	13°58	0°1	5°41	0°58	17°58	14°37	26°29	26°41	21°6	25°30	W17
T 18	13 44 33	28°1'15	17°23	26°25	4°56	14°25	29°M55	5°38	0°57	17°57	14°38	26°17	26°38	21°12	25°27	T 18
F 19	13 48 30	29°0'14	1°A29	28°29	6°10	14°53	29°49	5°35	0°56	17°56	14°39	26°7	26°34	21°19	25°23	F 19
S 20	13 52 26	29°59'11	15°41	0°B33	7°23	15°20	29°43	5°32	0°55	17°55	14°40	26°0	26°31	21°25	25°20	S 20
S 21	13 56 23	0°B58'06	29°54	2°38	8°37	15°47	29°37	5°28	0°54	17°54	14°41	25°56	26°28	21°32	25°16	S 21
M22	14 0 19	1°57'00	14°A6	4°44	9°51	16°14	29°32	5°25	0°53	17°53	14°42	25°54	26°25	21°39	25°13	M22
T 23	14 4 16	2°55'52	28°15	6°50	11°5	16°40	29°26	5°22	0°53	17°52	14°43	25°54	26°22	21°45	25°10	T 23
W24	14 8 12	3°54'42	12°A19	8°56	12°18	17°6	29°21	5°18	0°52	17°51	14°44	25°54	26°18	21°52	25°7	W24
T 25	14 12 9	4°53'31	26°19	11°3	13°32	17°32	29°16	5°15	0°51	17°50	14°45	25°53	26°15	21°59	25°4	T 25
F 26	14 16 5	5°52'18	10°A12	13°8	14°46	17°58	29°10	5°11	0°50	17°49	14°46	25°49	26°12	22°5	25°1	F 26
S 27	14 20 2	6°51'03	23°59	15°13	15°59	18°23	29°5	5°8	0°50	17°48	14°47	25°43	26°9	22°12	24°58	S 27
S 28	14 23 59	7°49'47	7°Y37	17°18	17°13	18°48	29°1	5°4	0°49	17°47	14°48	25°34	26°6	22°19	24°56	S 28
M29	14 27 55	8°48'28	21°4	19°20	18°27	19°13	28°56	5°0	0°49	17°46	14°50	25°23	26°3	22°25	24°53	M29
T 30	14 31 52	9°47'08	4°B19	21°B21	19°Y41	19°B38	28°M51	4°A56	0°M48	17°A44	14°II51	25°A10	25°A59	22°A32	24°M51	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	4n25	0n18	4s50	4s16	2s19	7s19	1s10	23s19	0s 6	0n38	1n30	19s 6	2n13	11n41	0n47	21s18
T 2	4 49	5 12	5 1	3 35	2 18	6 53	1 11	23 19	0 8	0 41	1 30	19 6	2 13	11 42	0 47	21 18
W 3	5 12	9 45	4 56	2 53	2 17	6 26	1 13	23 19	0 9	0 44	1 30	19 5	2 13	11 43	0 47	21 18
T 4	5 35	13 44	4 36	2 10	2 15	5 59	1 15	23 19	0 10	0 47	1 30	19 5	2 14	11 43	0 47	21 18
F 5	5 58	16 59	4 2	1 26	2 13	5 31	1 16	23 18	0 12	0 50	1 30	19 4	2 14	11 44	0 47	21 18
S 6	6 21	19 25	3 18	0 41	2 11	5 4	1 18	23 18	0 13	0 53	1 30	19 4	2 14	11 44	0 47	21 17
S 7	6 43	20 56	2 25	0n 4	2 7	4 36	1 19	23 17	0 15	0 55	1 30	19 3	2 14	11 45	0 47	21 17
M 8	7 6	21 29	1 27	0 51	2 4	4 9	1 21	23 17	0 17	0 58	1 30	19 3	2 14	11 45	0 47	21 17
T 9	7 28	21 4	0 26	1 38	2 0	3 41	1 22	23 16	0 18	1 1	1 30	19 2	2 14	11 46	0 47	21 17
W10	7 51	19 43	0n37	2 26	1 55	3 13	1 23	23 15	0 20	1 4	1 30	19 2	2 14	11 46	0 47	21 17
T 11	8 13	17 29	1 38	3 15	1 50	2 45	1 25	23 15	0 21	1 6	1 30	19 1	2 15	11 47	0 47	21 17
F 12	8 35	14 27	2 36	4 5	1 44	2 17	1 26	23 14	0 23	1 9	1 30	19 0	2 15	11 47	0 47	21 17
S 13	8 57	10 44	3 28	4 55	1 38	1 48	1 27	23 13	0 25	1 12	1 30	19 0	2 15	11 48	0 47	21 17
S 14	9 19	6 27	4 11	5 46	1 32	1 20	1 28	23 12	0 26	1 14	1 30	18 59	2 15	11 48	0 47	21 17
M15	9 40	1 46	4 42	6 37	1 25	0 52	1 29	23 11	0 28	1 17	1 30	18 59	2 15	11 49	0 47	21 17
T 16	10 2	3s 6	4 58	7 29	1 17	0 23	1 29	23 10	0 30	1 19	1 29	18 58	2 15	11 49	0 47	21 16
W17	10 23	7 57	4 58	8 21	1 9	0n 5	1 30	23 9	0 32	1 22	1 29	18 58	2 15	11 49	0 47	21 16
T 18	10 44	12 28	4 41	9 13	1 0	0 34	1 31	23 8	0 33	1 24	1 29	18 57	2 15	11 50	0 47	21 16
F 19	11 5	16 22	4 6	10 6	0 51	1 2	1 32	23 7	0 35	1 26	1 29	18 56	2 15	11 50	0 47	21 16
S 20	11 26	19 21	3 15	10 58	0 42	1 31	1 32	23 6	0 37	1 28	1 29	18 56	2 16	11 50	0 47	21 16
S 21	11 46	21 8	2 13	11 50	0 32	1 59	1 33	23 4	0 39	1 31	1 29	18 55	2 16	11 51	0 47	21 16
M22	12 7	21 35	1 2	12 42	0 22	2 28	1 33	23 3	0 41	1 33	1 29	18 54	2 16	11 51	0 47	21 16
T 23	12 27	20 39	0s12	13 34	0 12	2 56	1 33	23 2	0 43	1 35	1 29	18 54	2 16	11 51	0 47	21 16
W24	12 47	18 25	1 26	14 24	0 1	3 25	1 34	23 1	0 45	1 37	1 28	18 53	2 16	11 51	0 47	21 15
T 25	13 6	15 7	2 34	15 14	0n 9	3 53	1 34	22 59	0 47	1 39	1 28	18 52	2 16	11 52	0 47	21 15
F 26	13 26	10 59	3 32	16 3	0 20	4 21	1 34	22 58	0 49	1 41	1 28	18 51	2 16	11 52	0 47	21 15
S 27	13 45	6 19	4 17	16 51	0 31	4 49	1 34	22 57	0 51	1 42	1 28	18 51	2 16	11 52	0 47	21 15
S 28	14 4	1 23	4 47	17 37	0 42	5 17	1 34	22 56	0 54	1 44	1 28	18 50	2 16	11 52	0 47	21 15
M29	14 23	3n33	5 0	18 21	0 53	5 45	1 34	22 54	0 56	1 46	1 28	18 49	2 16	11 52	0 47	21 15
T 30	14n42	8n14	4s57	19n 4	1n 4	6n13	1s34	22s53	0s58	1n48	1n28	18s49	2n16	11n52	0n46	21s15

Julian Day Number = 2682833.5, Delta T = 22m25s  
 Ecliptic obliquity = 23°21'22", Nutation = - 0°00'16"  
 Ayanamsha: Fagan/Bradley = 33°35'53", Lahiri = 32°42'53"



## ASTRODIENST EPHEMERIS for the year 2633

JUNE 2633

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 38 1	10II48'21	2559	22°R11	28♂57	29♂17	28♂0	2°R38	1♂2	16°R58	15II32	22°R34	24518	2655	24♂27	S 1
S 2	16 41 58	11°46'06	14°54	21II53	0II11	29°27	28° 1	2♂33	1° 3	16♂57	15°33	22532	24°15	26°11	24°28	S 2
M 3	16 45 55	12°43'50	26°43	21°32	1°24	29°36	28° 3	2°29	1° 4	16°55	15°34	22°D32	24°11	26°18	24°29	M 3
T 4	16 49 51	13°41'33	8♂30	21° 7	2°38	29°44	28° 5	2°24	1° 6	16°53	15°36	22°33	24° 8	26°24	24°30	T 4
W 5	16 53 48	14°39'14	20°19	20°39	3°51	29°52	28° 6	2°20	1° 7	16°52	15°37	22°35	24° 5	26°31	24°31	W 5
T 6	16 57 44	15°36'53	2♂14	20° 9	5° 5	29°59	28° 9	2°16	1° 8	16°50	15°38	22°36	24° 2	26°38	24°33	T 6
F 7	17 1 141	16°34'31	14°20	19°38	6°19	0♂6	28°11	2°11	1°10	16°48	15°40	22°R37	23°59	26°44	24°35	F 7
S 8	17 5 37	17°32'07	26°43	19° 5	7°32	0°12	28°13	2° 7	1°12	16°47	15°41	22°36	23°55	26°51	24°36	S 8
S 9	17 9 34	18°29'43	9♂27	18°31	8°46	0°17	28°16	2° 3	1°13	16°45	15°42	22°35	23°52	26°58	24°38	S 9
M10	17 13 30	19°27'16	22°35	17°57	9°59	0°22	28°19	1°59	1°15	16°44	15°44	22°31	23°49	27° 4	24°40	M10
T 11	17 17 27	20°24'49	6♂10	17°24	11°13	0°26	28°22	1°55	1°17	16°42	15°45	22°27	23°46	27°11	24°42	T 11
W12	17 21 24	21°22'20	20°12	16°52	12°26	0°29	28°25	1°50	1°18	16°40	15°47	22°23	23°43	27°18	24°44	W12
T 13	17 25 20	22°19'50	4♂38	16°21	13°40	0°31	28°28	1°46	1°20	16°39	15°48	22°18	23°40	27°24	24°47	T 13
F 14	17 29 17	23°17'19	19°23	15°53	14°54	0°33	28°31	1°42	1°22	16°37	15°49	22°15	23°36	27°31	24°49	F 14
S 15	17 33 13	24°14'47	4♂19	15°27	16° 7	0°34	28°35	1°38	1°24	16°35	15°51	22°13	23°33	27°38	24°52	S 15
S 16	17 37 10	25°12'14	19°19	15° 4	17°21	0°R34	28°39	1°34	1°26	16°34	15°52	22°D12	23°30	27°44	24°54	S 16
M17	17 41 6	26° 9'40	4♂14	14°45	18°34	0°33	28°43	1°31	1°28	16°32	15°53	22°12	23°27	27°51	24°57	M17
T 18	17 45 3	27° 7'06	18°57	14°29	19°48	0°32	28°47	1°27	1°30	16°31	15°55	22°13	23°24	27°57	25° 0	T 18
W19	17 48 59	28° 4'31	3♂23	14°17	21° 2	0°30	28°51	1°23	1°32	16°29	15°56	22°15	23°21	28° 4	25° 3	W19
T 20	17 52 56	29° 1'55	17°29	14° 9	22°15	0°27	28°55	1°19	1°34	16°28	15°57	22°16	23°17	28°11	25° 6	T 20
F 21	17 56 53	29°59'19	1°V15	14°D 6	23°29	0°24	29° 0	1°16	1°36	16°26	15°59	22°R16	23°14	28°17	25° 9	F 21
S 22	18 0 49	0556'42	14°40	14° 7	24°43	0°19	29° 5	1°12	1°39	16°24	16° 0	22°15	23°11	28°24	25°12	S 22
S 23	18 4 46	1°54'05	27°47	14°13	25°56	0°14	29°10	1° 8	1°41	16°23	16° 1	22°14	23° 8	28°31	25°15	S 23
M24	18 8 42	2°51'27	10♂36	14°23	27°10	0° 8	29°15	1° 5	1°43	16°21	16° 3	22°12	23° 5	28°37	25°19	M24
T 25	18 12 39	3°48'49	23°11	14°38	28°24	0° 2	29°20	1° 1	1°46	16°20	16° 4	22° 9	23° 1	28°44	25°22	T 25
W26	18 16 35	4°46'11	5II32	14°57	29°37	29♂54	29°25	0°58	1°48	16°18	16° 5	22° 6	22°58	28°51	25°26	W26
T 27	18 20 32	5°43'32	17°43	15°21	0551	29°46	29°31	0°55	1°50	16°17	16° 7	22° 4	22°55	28°57	25°30	T 27
F 28	18 24 28	6°40'52	29°45	15°49	2° 5	29°38	29°36	0°52	1°53	16°15	16° 8	22° 2	22°52	29° 4	25°33	F 28
S 29	18 28 25	7°38'12	11540	16°22	3°18	29°28	29°42	0°48	1°55	16°14	16° 9	22° 1	22°49	29°11	25°37	S 29
S 30	18 32 22	8535'32	23530	16II59	4532	29♂18	29♂48	0♂45	1♂58	16♂12	16II10	22°D 1	22546	29517	25♂41	S 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	21n59	21n35	1s44	23n 8	0n 0	18n56	0s57	22s43	2s32	2n 2	1n21	18s23	2n16	11n47	0n45	21s10
S 2	22 7 21 50	0 41	22 50	0s17	19 14	0 55	22 44	2 36	2 1	1 21	18 23	2 16	11 46	0 45	21 10	1 34
M 3	22 15 21 7	0n23	22 31	0 34	19 31	0 53	22 46	2 40	2 0	1 21	18 22	2 16	11 46	0 45	21 10	1 34
T 4	22 22 19 27	1 26	22 12	0 52	19 47	0 51	22 48	2 44	1 59	1 20	18 21	2 16	11 45	0 45	21 9	1 34
W 5	22 29 16 58	2 26	21 53	1 9	20 3	0 48	22 50	2 48	1 59	1 20	18 20	2 16	11 45	0 45	21 9	1 34
T 6	22 35 13 45	3 20	21 33	1 27	20 19	0 46	22 53	2 52	1 58	1 20	18 20	2 16	11 44	0 45	21 9	1 34
F 7	22 41 9 55	4 6	21 13	1 44	20 34	0 44	22 55	2 56	1 56	1 20	18 19	2 15	11 43	0 45	21 9	1 34
S 8	22 46 5 37	4 42	20 54	2 1	20 48	0 42	22 58	3 0	1 55	1 19	18 18	2 15	11 43	0 45	21 9	1 34
S 9	22 52 0 56	5 5	20 34	2 18	21 2	0 40	23 0	3 4	1 54	1 19	18 17	2 15	11 42	0 45	21 9	1 34
M10	22 56 3s55	5 13	20 16	2 34	21 15	0 38	23 3	3 8	1 53	1 19	18 17	2 15	11 42	0 45	21 8	1 34
T 11	23 1 8 45	5 4	19 57	2 49	21 28	0 35	23 7	3 12	1 51	1 19	18 16	2 15	11 41	0 45	21 8	1 34
W12	23 5 13 17	4 37	19 40	3 3	21 40	0 33	23 10	3 16	1 50	1 19	18 15	2 15	11 40	0 45	21 8	1 34
T 13	23 8 17 11	3 52	19 24	3 16	21 51	0 31	23 14	3 20	1 48	1 18	18 15	2 15	11 40	0 45	21 8	1 34
F 14	23 11 20 6	2 51	19 9	3 28	22 2	0 29	23 17	3 24	1 47	1 18	18 14	2 15	11 39	0 45	21 8	1 34
S 15	23 14 21 40	1 37	18 56	3 39	22 12	0 26	23 21	3 29	1 45	1 18	18 13	2 14	11 38	0 45	21 8	1 34
S 16	23 16 21 43	0 16	18 44	3 49	22 22	0 24	23 25	3 33	1 44	1 18	18 13	2 14	11 37	0 45	21 8	1 34
M17	23 18 20 12	1s 6	18 34	3 57	22 31	0 22	23 30	3 37	1 42	1 17	18 12	2 14	11 37	0 45	21 7	1 34
T 18	23 19 17 21	2 22	18 25	4 4	22 39	0 19	23 34	3 41	1 40	1 17	18 11	2 14	11 36	0 45	21 7	1 34
W19	23 21 13 28	3 28	18 18	4 10	22 46	0 17	23 39	3 46	1 38	1 17	18 11	2 14	11 35	0 45	21 7	1 34
T 20	23 21 8 54	4 19	18 13	4 14	22 53	0 14	23 44	3 50	1 36	1 17	18 10	2 14	11 34	0 45	21 7	1 34
F 21	23 21 4 1	4 55	18 9	4 17	23 0	0 12	23 49	3 54	1 34	1 17	18 10	2 14	11 34	0 45	21 7	1 34
S 22	23 21 0n57	5 13	18 8	4 19	23 5	0 10	23 54	3 59	1 32	1 16	18 9	2 13	11 33	0 44	21 7	1 34
S 23	23 21 5 45	5 14	18 8	4 20	23 10	0 7	23 59	4 3	1 30	1 16	18 9	2 13	11 32	0 44	21 7	1 34
M24	23 19 10 12	4 59	18 9	4 19	23 15	0 5	24 5	4 8	1 28	1 16	18 8	2 13	11 31	0 44	21 6	1 34
T 25	23 18 14 8	4 31	18 13	4 18	23 18	0 2	24 10	4 12	1 26	1 16	18 7	2 13	11 30	0 44	21 6	1 34
W26	23 16 17 23	3 50	18 17	4 15	23 21	0 0	24 16	4 16	1 23	1 16	18 7	2 13	11 29	0 44	21 6	1 34
T 27	23 14 19 50	2 59	18 23	4 11	23 24	0n 2	24 22	4 21	1 21	1 15	18 6	2 12	11 28	0 44	21 6	1 34
F 28	23 11 21 21	2 0	18 31	4 7	23 25	0 5	24 28	4 25	1 18	1 15	18 6	2 12	11 28	0 44	21 6	1 33
S 29	23 8 21 54	0 57	18 40	4 1	23 26	0 7	24 34	4 29	1 16	1 15	18 6	2 12	11 27	0 44	21 6	1 33
S 30	23n 5	21n27	0n 8	18n49	3s55	23n26	0n 9	24s41	4s33	1n13	1n15	18s 5	2n12	11n26	0n44	21s 6

Julian Day Number = 2682894.5, Delta T = 22m26s

Ecliptic obliquity = 23°21'21", Nutation = - 0°00'17"

Ayanamsha: Fagan/Bradley = 33°36'01", Lahiri = 32°43'01"

## ASTRODIENST EPHEMERIS for the year 2633

JULY 2633

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	18 36 18	9 <sup>53</sup> 32'51	5 <sup>0</sup> 17	17 <sup>11</sup> 40	5 <sup>56</sup> 46	29°R 7	29 <sup>17</sup> 54	0°R42	2 <sup>17</sup> 0	16°R11	16 <sup>11</sup> 12	22 <sup>5</sup> 1	22 <sup>56</sup> 42	29 <sup>56</sup> 24	25 <sup>17</sup> 46	M 1
T 2	18 40 15	10°30'09	17° 4	18°26	6°59	28 <sup>55</sup>	0 <sup>5</sup> 0	0 <sup>5</sup> 39	2° 3	16 <sup>5</sup> 9	16°13	22° 2	22°39	29°31	25°50	T 2
W 3	18 44 11	11°27'27	28°54	19°16	8°13	28°43	0° 6	0°36	2° 6	16° 8	16°14	22° 3	22°36	29°37	25°54	W 3
T 4	18 48 8	12°24'44	10 <sup>17</sup> 51	20°10	9°27	28°31	0°13	0°34	2° 8	16° 6	16°15	22° 4	22°33	29°44	25°58	T 4
F 5	18 52 4	13°22'00	22°58	21° 7	10°40	28°17	0°19	0°31	2°11	16° 5	16°17	22° 5	22°30	29°50	26° 3	F 5
S 6	18 56 1	14°19'16	5 <sup>5</sup> 20	22° 9	11°54	28° 3	0°26	0°28	2°14	16° 4	16°18	22° 5	22°27	29°57	26° 7	S 6
S 7	18 59 57	15°16'31	18° 2	23°15	13° 8	27°49	0°33	0°26	2°17	16° 2	16°19	22°R 5	22°23	0 <sup>0</sup> 4	26°12	S 7
M 8	19 3 54	16°13'46	1 <sup>1</sup> 5	24°25	14°21	27°34	0°40	0°23	2°20	16° 1	16°20	22° 5	22°20	0°10	26°17	M 8
T 9	19 7 51	17°11'00	14°35	25°38	15°35	27°19	0°47	0°21	2°22	16° 0	16°22	22° 5	22°17	0°17	26°22	T 9
W10	19 11 47	18° 8'13	28°31	26°55	16°49	27° 3	0°54	0°19	2°25	15°58	16°23	22° 4	22°14	0°24	26°27	W10
T 11	19 15 44	19° 5'27	12 <sup>2</sup> 53	28°16	18° 3	26°47	1° 2	0°16	2°28	15°57	16°24	22° 4	22°11	0°30	26°32	T 11
F 12	19 19 40	20° 2'40	27°38	29°41	19°16	26°30	1° 9	0°14	2°31	15°56	16°25	22° 4	22° 7	0°37	26°37	F 12
S 13	19 23 37	20°59'52	12 <sup>3</sup> 40	1 <sup>5</sup> 9	20°30	26°14	1°17	0°12	2°34	15°54	16°26	22° 4	22° 4	0°44	26°42	S 13
S 14	19 27 33	21°57'05	27°51	2°40	21°44	25°56	1°25	0°10	2°37	15°53	16°27	22° 4	22° 1	0°50	26°47	S 14
M15	19 31 30	22°54'18	13 <sup>3</sup> 1	4°16	22°58	25°39	1°33	0° 9	2°40	15°52	16°29	22° 4	21°58	0°57	26°53	M15
T 16	19 35 27	23°51'30	28° 1	5°54	24°11	25°22	1°41	0° 7	2°43	15°51	16°30	22° 4	21°55	1° 4	26°58	T 16
W17	19 39 23	24°48'43	12 <sup>4</sup> 4	7°37	25°25	25° 4	1°49	0° 5	2°47	15°50	16°31	22° 3	21°52	1°10	27° 4	W17
T 18	19 43 20	25°45'56	27° 3	9°22	26°39	24°46	1°57	0° 4	2°50	15°48	16°32	22° 3	21°48	1°17	27° 9	T 18
F 19	19 47 16	26°43'09	10 <sup>7</sup> 58	11°10	27°53	24°29	2° 5	0° 2	2°53	15°47	16°33	22° 3	21°45	1°24	27°15	F 19
S 20	19 51 13	27°40'23	24°26	13° 2	29° 7	24°11	2°14	0° 1	2°56	15°46	16°34	22°D 3	21°42	1°30	27°21	S 20
S 21	19 55 9	28°37'37	7 <sup>8</sup> 30	14°56	0 <sup>0</sup> 20	23°53	2°22	29 <sup>18</sup> 59	2°59	15°45	16°35	22° 3	21°39	1°37	27°26	S 21
M22	19 59 6	29°34'52	20°13	16°53	1°34	23°35	2°31	29°58	3° 2	15°44	16°36	22° 3	21°36	1°43	27°32	M22
T 23	20 3 2	0 <sup>0</sup> 32'07	2 <sup>11</sup> 39	18°52	2°48	23°17	2°40	29°57	3° 6	15°43	16°37	22° 4	21°33	1°50	27°38	T 23
W24	20 6 59	1°29'22	14°50	20°54	4° 2	23° 0	2°49	29°56	3° 9	15°42	16°38	22° 5	21°29	1°57	27°44	W24
T 25	20 10 56	2°26'38	26°50	22°57	5°16	22°43	2°58	29°55	3°12	15°41	16°39	22° 6	21°26	2° 3	27°50	T 25
F 26	20 14 52	3°23'55	8 <sup>5</sup> 43	25° 2	6°30	22°26	3° 7	29°54	3°16	15°40	16°40	22° 6	21°23	2°10	27°57	F 26
S 27	20 18 49	4°21'12	20°32	27° 9	7°43	22° 9	3°16	29°53	3°19	15°39	16°41	22°R 7	21°20	2°17	28° 3	S 27
S 28	20 22 45	5°18'29	2 <sup>0</sup> 19	29°16	8°57	21°53	3°25	29°53	3°23	15°38	16°42	22° 6	21°17	2°23	28° 9	S 28
M29	20 26 42	6°15'47	14° 6	1 <sup>0</sup> 24	10°11	21°37	3°35	29°52	3°26	15°37	16°43	22° 6	21°13	2°30	28°16	M29
T 30	20 30 38	7°13'05	25°57	3°32	11°25	21°21	3°44	29°52	3°29	15°36	16°44	22° 4	21°10	2°37	28°22	T 30
W31	20 34 35	8 <sup>0</sup> 10'23	7 <sup>17</sup> 52	5 <sup>0</sup> 40	12 <sup>0</sup> 39	21 <sup>5</sup> 7	3 <sup>5</sup> 54	29 <sup>18</sup> 51	3 <sup>17</sup> 33	15 <sup>5</sup> 36	16 <sup>11</sup> 45	22 <sup>5</sup> 2	21 <sup>5</sup> 7	2 <sup>0</sup> 43	28 <sup>17</sup> 29	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	23n 1	20n 4	1n13	19n 0	3s48	23n26	0n12	24s47	4s37	1n11	1n15	18s 5	2n12	11n25	0n44	M 1
T 2	22 57	17 48	2 15	19 12	3 40	23 25	0 14	24 54	4 42	1 8	1 14	18 4	2 12	11 24	0 44	T 2
W 3	22 52	14 48	3 11	19 25	3 32	23 23	0 17	25 0	4 46	1 6	1 14	18 4	2 11	11 23	0 44	W 3
T 4	22 47	11 10	3 59	19 38	3 22	23 20	0 19	25 7	4 50	1 3	1 14	18 4	2 11	11 22	0 44	T 4
F 5	22 41	7 2	4 38	19 51	3 13	23 17	0 21	25 13	4 54	1 0	1 14	18 3	2 11	11 21	0 44	F 5
S 6	22 35	2 33	5 4	20 5	3 3	23 13	0 24	25 20	4 57	0 57	1 14	18 3	2 11	11 20	0 44	S 6
S 7	22 29	2s 9	5 17	20 19	2 52	23 8	0 26	25 27	5 1	0 54	1 13	18 3	2 10	11 19	0 44	S 7
M 8	22 22	6 54	5 14	20 33	2 41	23 3	0 28	25 33	5 5	0 51	1 13	18 2	2 10	11 18	0 44	M 8
T 9	22 15	11 28	4 54	20 48	2 30	22 57	0 30	25 40	5 8	0 48	1 13	18 2	2 10	11 17	0 44	T 9
W10	22 8	15 36	4 16	21 2	2 18	22 50	0 32	25 46	5 12	0 45	1 13	18 2	2 10	11 16	0 44	W10
T 11	22 0	18 56	3 21	21 15	2 6	22 43	0 35	25 53	5 15	0 42	1 13	18 1	2 10	11 15	0 44	T 11
F 12	21 52	21 8	2 12	21 28	1 53	22 35	0 37	25 59	5 19	0 39	1 13	18 1	2 9	11 13	0 44	F 12
S 13	21 43	21 53	0 52	21 40	1 41	22 26	0 39	26 6	5 22	0 36	1 12	18 1	2 9	11 12	0 44	S 13
S 14	21 34	21 3	0s32	21 51	1 28	22 17	0 41	26 12	5 25	0 33	1 12	18 1	2 9	11 11	0 44	S 14
M15	21 25	18 40	1 54	22 2	1 16	22 7	0 43	26 18	5 28	0 29	1 12	18 1	2 9	11 10	0 44	M15
T 16	21 15	15 3	3 7	22 11	1 3	21 57	0 45	26 24	5 31	0 26	1 12	18 1	2 8	11 9	0 44	T 16
W17	21 5	10 33	4 6	22 18	0 50	21 45	0 47	26 30	5 33	0 23	1 12	18 0	2 8	11 8	0 44	W17
T 18	20 55	5 35	4 48	22 24	0 38	21 33	0 49	26 36	5 36	0 19	1 11	18 0	2 8	11 7	0 44	T 18
F 19	20 44	0 28	5 12	22 28	0 25	21 31	0 51	26 42	5 38	0 16	1 11	18 0	2 8	11 6	0 44	F 19
S 20	20 33	4n31	5 17	22 30	0 13	21 8	0 53	26 47	5 40	0 12	1 11	18 0	2 8	11 4	0 44	S 20
S 21	20 22	9 8	5 6	22 30	0 1	20 54	0 55	26 52	5 42	0 9	1 11	18 0	2 7	11 3	0 44	S 21
M22	20 10	13 14	4 40	22 28	0n10	20 40	0 57	26 57	5 44	0 5	1 11	18 0	2 7	11 2	0 44	M22
T 23	19 58	16 40	4 2	22 23	0 22	20 25	0 58	27 2	5 46	0 2	1 11	18 0	2 7	11 1	0 44	T 23
W24	19 46	19 18	3 13	22 16	0 32	20 9	1 0	27 7	5 47	0s 2	1 11	18 0	2 7	11 0	0 44	W24
T 25	19 33	21 3	2 16	22 6	0 42	19 53	1 2	27 11	5 49	0 6	1 10	18 0	2 6	10 58	0 44	T 25
F 26	19 20	21 51	1 14	21 54	0 52	19 37	1 3	27 15	5 50	0 10	1 10	18 0	2 6	10 57	0 44	F 26
S 27	19 6	21 39	0 9	21 39	1 0	19 19	1 5	27 19	5 51	0 13	1 10	18 0	2 6	10 56	0 44	S 27
S 28	18 53	20 29	0n56	21 21	1 8	19 2	1 7	27 23	5 52	0 17	1 10	18 0	2 6	10 55	0 44	S 28
M29	18 39	18 26	1 59	21 1	1 16	18 43	1 8	27 26	5 53	0 21	1 10	18 1	2 5	10 53	0 44	M29
T 30	18 24	15 36	2 57	20 38	1 22	18 25	1 10	27 29	5 53	0 25	1 10	18 1	2 5	10 52	0 44	T 30
W31	18n10	12n 6	3n47	20n13	1n28	18n 5	1n11	27s32	5s54	0s29	1n 9	18s 1	2n 5	10n51	0n44	W31

Julian Day Number = 2682924.5, Delta T = 22m26s

Ecliptic obliquity = 23°21'21, Nutation = - 0°00'15

Ayanamsha: Fagan/Bradley = 33°36'05, Lahiri = 32°43'05

## ASTRODIENST EPHEMERIS for the year 2633

AUGUST 2633

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 38 31	9♌ 742	19♍56	7♌48	13♌53	20°R52	4♌ 3	29°R51	3♍36	15°R35	16♌46	21°R59	21♌ 4	2♌50	28♍35	T 1
F 2	20 42 28	10° 5'01	2♌ 9	9°56	15° 7	20°38	4°13	29°51	3°40	15°34	16°47	21°57	21° 1	2°57	28°42	F 2
S 3	20 46 25	11° 2'20	14°35	12° 3	16°21	20°25	4°23	29°D51	3°43	15°33	16°48	21°54	20°58	3° 3	28°49	S 3
S 4	20 50 21	11°59'39	27°17	14° 9	17°35	20°12	4°33	29°51	3°47	15°32	16°49	21°53	20°54	3°10	28°55	S 4
M 5	20 54 18	12°56'59	10♌18	16°14	18°49	20° 0	4°43	29°51	3°50	15°32	16°49	21°D52	20°51	3°17	29° 2	M 5
T 6	20 58 14	13°54'20	23°40	18°18	20° 2	19°49	4°53	29°51	3°54	15°31	16°50	21°52	20°48	3°23	29° 9	T 6
W 7	21 2 11	14°51'41	7♌27	20°20	21°16	19°38	5° 3	29°52	3°58	15°30	16°51	21°53	20°45	3°30	29°16	W 7
T 8	21 6 7	15°49'02	21°37	22°21	22°30	19°28	5°14	29°52	4° 1	15°30	16°52	21°55	20°42	3°36	29°23	T 8
F 9	21 10 4	16°46'24	6♌11	24°21	23°44	19°19	5°24	29°53	4° 5	15°29	16°53	21°56	20°39	3°43	29°30	F 9
S 10	21 14 0	17°43'46	21° 4	26°19	24°58	19°11	5°34	29°53	4° 8	15°29	16°53	21°R57	20°35	3°50	29°37	S 10
S 11	21 17 57	18°41'09	6♌10	28°16	26°12	19° 3	5°45	29°54	4°12	15°28	16°54	21°56	20°32	3°56	29°45	S 11
M12	21 21 54	19°38'32	21°21	0♍11	27°26	18°56	5°56	29°55	4°16	15°28	16°55	21°54	20°29	4° 3	29°52	M12
T 13	21 25 50	20°35'57	6♌27	2° 4	28°40	18°50	6° 6	29°56	4°19	15°27	16°55	21°51	20°26	4°10	29°59	T 13
W14	21 29 47	21°33'22	21°18	3°56	29°54	18°45	6°17	29°57	4°23	15°27	16°56	21°47	20°23	4°16	0♌ 6	W14
T 15	21 33 43	22°30'48	5♌48	5°46	1♍ 8	18°40	6°28	29°58	4°27	15°26	16°57	21°43	20°19	4°23	0°14	T 15
F 16	21 37 40	23°28'16	19°52	7°35	2°22	18°37	6°39	29°59	4°30	15°26	16°57	21°39	20°16	4°30	0°21	F 16
S 17	21 41 36	24°25'44	3♌27	9°22	3°36	18°34	6°50	0♌ 0	4°34	15°26	16°58	21°36	20°13	4°36	0°29	S 17
S 18	21 45 33	25°23'14	16°35	11° 7	4°50	18°32	7° 1	0° 2	4°38	15°25	16°59	21°34	20°10	4°43	0°36	S 18
M19	21 49 29	26°20'45	29°18	12°51	6° 4	18°31	7°12	0° 3	4°41	15°25	16°59	21°D34	20° 7	4°50	0°44	M19
T 20	21 53 26	27°18'18	11♌41	14°33	7°18	18°D30	7°23	0° 5	4°45	15°25	17° 0	21°35	20° 4	4°56	0°52	T 20
W21	21 57 23	28°15'52	23°47	16°14	8°32	18°31	7°34	0° 7	4°49	15°25	17° 0	21°36	20° 0	5° 3	0°59	W21
T 22	22 1 19	29°13'27	5♌43	17°53	9°46	18°32	7°46	0° 8	4°53	15°24	17° 1	21°38	19°57	5°10	1° 7	T 22
F 23	22 5 16	0♍11'04	17°32	19°31	11° 0	18°34	7°57	0°10	4°56	15°24	17° 2	21°R39	19°54	5°16	1°15	F 23
S 24	22 9 12	1° 8'42	29°18	21° 7	12°14	18°37	8° 9	0°12	5° 0	15°24	17° 2	21°39	19°51	5°23	1°23	S 24
S 25	22 13 9	2° 6'21	11♌ 6	22°42	13°28	18°41	8°20	0°14	5° 4	15°24	17° 2	21°37	19°48	5°29	1°30	S 25
M26	22 17 5	3° 4'02	22°57	24°15	14°42	18°46	8°32	0°16	5° 8	15°24	17° 3	21°33	19°45	5°36	1°38	M26
T 27	22 21 2	4° 1'43	4♍55	25°47	15°56	18°51	8°43	0°19	5°11	15°D24	17° 3	21°27	19°41	5°43	1°46	T 27
W28	22 24 58	4°59'26	17° 0	27°17	17°10	18°58	8°55	0°21	5°15	15°24	17° 4	21°20	19°38	5°49	1°54	W28
T 29	22 28 55	5°57'11	29°15	28°45	18°24	19° 5	9° 7	0°23	5°19	15°24	17° 4	21°12	19°35	5°56	2° 2	T 29
F 30	22 32 51	6°54'56	11♌41	0♌12	19°38	19°13	9°18	0°26	5°23	15°24	17° 5	21° 4	19°32	6° 3	2°10	F 30
S 31	22 36 48	7♍52'42	24♌18	1♌38	20♍52	19°22	9♌30	0♌29	5♍26	15°24	17° 5	20°56	19°29	6♌ 9	2♌18	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	17n55	8n 5	4n28	19n45	1n33	17n45	1n12	27s34	5s54	0s33	1n 9	18s 1	2n 5	10n50	0n44	T 1
F 2	17 39	3 42	4 57	19 15	1 37	17 25	1 14	27 37	5 54	0 37	1 9	18 1	2 4	10 48	0 44	F 2
S 3	17 24	0s55	5 13	18 44	1 40	17 4	1 15	27 39	5 54	0 41	1 9	18 2	2 4	10 47	0 44	S 3
S 4	17 8	5 35	5 14	18 10	1 43	16 43	1 16	27 41	5 54	0 45	1 9	18 2	2 4	10 46	0 43	S 4
M 5	16 52	10 7	4 59	17 35	1 45	16 21	1 17	27 42	5 54	0 49	1 9	18 2	2 4	10 45	0 43	M 5
T 6	16 36	14 17	4 28	16 58	1 46	15 59	1 18	27 43	5 53	0 53	1 9	18 2	2 3	10 43	0 43	T 6
W 7	16 19	17 50	3 41	16 20	1 46	15 37	1 19	27 44	5 53	0 57	1 9	18 3	2 3	10 42	0 43	W 7
T 8	16 2	20 26	2 39	15 41	1 46	15 14	1 20	27 45	5 52	1 1	1 8	18 3	2 3	10 41	0 43	T 8
F 9	15 45	21 47	1 26	15 1	1 45	14 50	1 21	27 46	5 51	1 6	1 8	18 3	2 3	10 39	0 43	F 9
S 10	15 28	21 38	0 5	14 19	1 44	14 26	1 22	27 46	5 50	1 10	1 8	18 4	2 2	10 38	0 43	S 10
S 11	15 10	19 55	1s17	13 37	1 41	14 2	1 23	27 46	5 49	1 14	1 8	18 4	2 2	10 37	0 43	S 11
M12	14 53	16 47	2 35	12 55	1 39	13 37	1 23	27 46	5 48	1 18	1 8	18 5	2 2	10 35	0 43	M12
T 13	14 34	12 32	3 40	12 11	1 35	13 12	1 24	27 46	5 47	1 23	1 8	18 5	2 2	10 34	0 43	T 13
W14	14 16	7 34	4 30	11 27	1 32	12 47	1 24	27 45	5 45	1 27	1 8	18 6	2 1	10 33	0 43	W14
T 15	13 58	2 19	5 1	10 43	1 27	12 21	1 25	27 44	5 44	1 31	1 8	18 6	2 1	10 31	0 43	T 15
F 16	13 39	2n55	5 13	9 58	1 23	11 55	1 25	27 43	5 42	1 36	1 7	18 6	2 1	10 30	0 43	F 16
S 17	13 20	7 49	5 6	9 14	1 17	11 29	1 26	27 42	5 41	1 40	1 7	18 7	2 1	10 29	0 43	S 17
S 18	13 1	12 12	4 44	8 29	1 12	11 3	1 26	27 40	5 39	1 45	1 7	18 8	2 0	10 27	0 43	S 18
M19	12 41	15 54	4 8	7 44	1 6	10 36	1 26	27 39	5 37	1 49	1 7	18 8	2 0	10 26	0 43	M19
T 20	12 22	18 47	3 21	6 59	1 0	10 8	1 27	27 37	5 35	1 54	1 7	18 9	2 0	10 25	0 43	T 20
W21	12 2	20 47	2 26	6 14	0 53	9 41	1 27	27 35	5 33	1 58	1 7	18 9	2 0	10 23	0 43	W21
T 22	11 42	21 48	1 26	5 29	0 46	9 13	1 27	27 32	5 31	2 3	1 7	18 10	1 59	10 22	0 43	T 22
F 23	11 22	21 50	0 22	4 44	0 39	8 45	1 27	27 30	5 29	2 7	1 7	18 10	1 59	10 20	0 43	F 23
S 24	11 2	20 54	0n42	4 0	0 32	8 17	1 27	27 27	5 26	2 12	1 7	18 11	1 59	10 19	0 43	S 24
S 25	10 41	19 3	1 44	3 15	0 24	7 49	1 27	27 24	5 24	2 16	1 7	18 12	1 59	10 18	0 43	S 25
M26	10 21	16 22	2 42	2 31	0 16	7 20	1 26	27 21	5 22	2 21	1 6	18 12	1 58	10 16	0 43	M26
T 27	10 0	12 59	3 33	1 48	0 8	6 51	1 26	27 18	5 19	2 26	1 6	18 13	1 58	10 15	0 43	T 27
W28	9 39	9 2	4 15	1 5	0s 0	6 22	1 26	27 15	5 17	2 30	1 6	18 14	1 58	10 14	0 43	W28
T 29	9 18	4 40	4 46	0 22	0 9	5 53	1 25	27 12	5 15	2 35	1 6	18 15	1 58	10 12	0 43	T 29
F 30	8 57	0 4	5 4	0s21	0 17	5 23	1 25	27 8	5 12	2 40	1 6	18 15	1 57	10 11	0 43	F 30
S 31	8n35	4s37	5n 7	1s 3	0s26	4n54	1n24	27s 4	5s 9	2s44	1n 6	18s16	1n57	10n 9	0n43	S 31

Julian Day Number = 2682955.5, Delta T = 22m27s

Ecliptic obliquity = 23°21'22, Nutation = - 0°00'15

Ayanamsha: Fagan/Bradley = 33°36'10, Lahiri = 32°43'10

## ASTRODIENST EPHEMERIS for the year 2633

SEPTEMBER 2633

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 40 45	8 <sup>h</sup> 50'30	7 <sup>m</sup> 8	3 <sup>s</sup> 2	22 <sup>m</sup> 6	19 <sup>h</sup> 31	9 <sup>h</sup> 42	0 <sup>h</sup> 31	5 <sup>m</sup> 30	15 <sup>h</sup> 24	17 <sup>h</sup> 5	20 <sup>h</sup> R51	19 <sup>h</sup> 25	6 <sup>h</sup> 16	2 <sup>h</sup> 26	S 1
M 2	22 44 41	9 <sup>h</sup> 48'19	20 <sup>m</sup> 13	4 <sup>s</sup> 24	23 <sup>m</sup> 20	19 <sup>h</sup> 41	9 <sup>h</sup> 54	0 <sup>h</sup> 34	5 <sup>m</sup> 34	15 <sup>h</sup> 24	17 <sup>h</sup> 6	20 <sup>h</sup> 47	19 <sup>h</sup> 22	6 <sup>h</sup> 23	2 <sup>h</sup> 35	M 2
T 3	22 48 38	10 <sup>h</sup> 46'09	3 <sup>m</sup> 34	5 <sup>s</sup> 45	24 <sup>m</sup> 34	19 <sup>h</sup> 52	10 <sup>h</sup> 6	0 <sup>h</sup> 37	5 <sup>m</sup> 38	15 <sup>h</sup> 25	17 <sup>h</sup> 6	20 <sup>h</sup> 45	19 <sup>h</sup> 19	6 <sup>h</sup> 29	2 <sup>h</sup> 43	T 3
W 4	22 52 34	11 <sup>h</sup> 44'00	17 <sup>m</sup> 13	7 <sup>s</sup> 3	25 <sup>m</sup> 48	20 <sup>h</sup> 4	10 <sup>h</sup> 18	0 <sup>h</sup> 40	5 <sup>m</sup> 41	15 <sup>h</sup> 25	17 <sup>h</sup> 6	20 <sup>h</sup> D45	19 <sup>h</sup> 16	6 <sup>h</sup> 36	2 <sup>h</sup> 51	W 4
T 5	22 56 31	12 <sup>h</sup> 41'53	1 <sup>m</sup> 11	8 <sup>s</sup> 21	27 <sup>m</sup> 2	20 <sup>h</sup> 17	10 <sup>h</sup> 30	0 <sup>h</sup> 43	5 <sup>m</sup> 45	15 <sup>h</sup> 25	17 <sup>h</sup> 6	20 <sup>h</sup> 46	19 <sup>h</sup> 13	6 <sup>h</sup> 43	2 <sup>h</sup> 59	T 5
F 6	23 0 27	13 <sup>h</sup> 39'46	15 <sup>m</sup> 29	9 <sup>s</sup> 36	28 <sup>m</sup> 16	20 <sup>h</sup> 30	10 <sup>h</sup> 42	0 <sup>h</sup> 46	5 <sup>m</sup> 49	15 <sup>h</sup> 26	17 <sup>h</sup> 7	20 <sup>h</sup> R46	19 <sup>h</sup> 10	6 <sup>h</sup> 49	3 <sup>h</sup> 7	F 6
S 7	23 4 24	14 <sup>h</sup> 37'41	0 <sup>m</sup> 4	10 <sup>s</sup> 50	29 <sup>m</sup> 30	20 <sup>h</sup> 44	10 <sup>h</sup> 55	0 <sup>h</sup> 49	5 <sup>m</sup> 52	15 <sup>h</sup> 26	17 <sup>h</sup> 7	20 <sup>h</sup> 46	19 <sup>h</sup> 6	6 <sup>h</sup> 56	3 <sup>h</sup> 16	S 7
S 8	23 8 20	15 <sup>h</sup> 35'37	14 <sup>m</sup> 53	12 <sup>s</sup> 1	0 <sup>m</sup> 44	20 <sup>h</sup> 58	11 <sup>h</sup> 7	0 <sup>h</sup> 53	5 <sup>m</sup> 56	15 <sup>h</sup> 26	17 <sup>h</sup> 7	20 <sup>h</sup> 44	19 <sup>h</sup> 3	7 <sup>h</sup> 3	3 <sup>h</sup> 24	S 8
M 9	23 12 17	16 <sup>h</sup> 33'34	29 <sup>m</sup> 49	13 <sup>s</sup> 11	1 <sup>s</sup> 58	21 <sup>h</sup> 14	11 <sup>h</sup> 19	0 <sup>h</sup> 56	6 <sup>m</sup> 0	15 <sup>h</sup> 27	17 <sup>h</sup> 7	20 <sup>h</sup> 40	19 <sup>h</sup> 0	7 <sup>h</sup> 9	3 <sup>h</sup> 32	M 9
T 10	23 16 14	17 <sup>h</sup> 31'33	14 <sup>m</sup> 46	14 <sup>s</sup> 18	3 <sup>s</sup> 12	21 <sup>h</sup> 30	11 <sup>h</sup> 31	0 <sup>h</sup> 59	6 <sup>m</sup> 4	15 <sup>h</sup> 27	17 <sup>h</sup> 7	20 <sup>h</sup> 33	18 <sup>h</sup> 57	7 <sup>h</sup> 16	3 <sup>h</sup> 41	T 10
W 11	23 20 10	18 <sup>h</sup> 29'33	29 <sup>m</sup> 33	15 <sup>s</sup> 24	4 <sup>s</sup> 26	21 <sup>h</sup> 46	11 <sup>h</sup> 44	1 <sup>h</sup> 3	6 <sup>m</sup> 7	15 <sup>h</sup> 27	17 <sup>h</sup> 7	20 <sup>h</sup> 24	18 <sup>h</sup> 54	7 <sup>h</sup> 23	3 <sup>h</sup> 49	W 11
T 12	23 24 7	19 <sup>h</sup> 27'35	14 <sup>m</sup> 7	16 <sup>s</sup> 27	5 <sup>s</sup> 40	22 <sup>h</sup> 4	11 <sup>h</sup> 56	1 <sup>h</sup> 7	6 <sup>m</sup> 11	15 <sup>h</sup> 28	17 <sup>h</sup> 8	20 <sup>h</sup> 15	18 <sup>h</sup> 50	7 <sup>h</sup> 29	3 <sup>h</sup> 57	T 12
F 13	23 28 3	20 <sup>h</sup> 25'39	28 <sup>m</sup> 9	17 <sup>s</sup> 27	6 <sup>s</sup> 54	22 <sup>h</sup> 21	12 <sup>h</sup> 9	1 <sup>h</sup> 10	6 <sup>m</sup> 15	15 <sup>h</sup> 28	17 <sup>h</sup> 8	20 <sup>h</sup> 6	18 <sup>h</sup> 47	7 <sup>h</sup> 36	4 <sup>h</sup> 6	F 13
S 14	23 32 0	21 <sup>h</sup> 23'44	11 <sup>m</sup> 48	18 <sup>s</sup> 25	8 <sup>s</sup> 8	22 <sup>h</sup> 40	12 <sup>h</sup> 21	1 <sup>h</sup> 14	6 <sup>m</sup> 18	15 <sup>h</sup> 29	17 <sup>h</sup> 8	19 <sup>h</sup> 59	18 <sup>h</sup> 44	7 <sup>h</sup> 42	4 <sup>h</sup> 14	S 14
S 15	23 35 56	22 <sup>h</sup> 21'52	24 <sup>m</sup> 59	19 <sup>s</sup> 21	9 <sup>s</sup> 22	22 <sup>h</sup> 59	12 <sup>h</sup> 33	1 <sup>h</sup> 18	6 <sup>m</sup> 22	15 <sup>h</sup> 30	17 <sup>h</sup> 8	19 <sup>h</sup> 53	18 <sup>h</sup> 41	7 <sup>h</sup> 49	4 <sup>h</sup> 23	S 15
M 16	23 39 53	23 <sup>h</sup> 20'01	7 <sup>m</sup> 45	20 <sup>s</sup> 13	10 <sup>s</sup> 36	23 <sup>h</sup> 19	12 <sup>h</sup> 46	1 <sup>h</sup> 22	6 <sup>m</sup> 26	15 <sup>h</sup> 30	17 <sup>h</sup> 8	19 <sup>h</sup> 50	18 <sup>h</sup> 38	7 <sup>h</sup> 56	4 <sup>h</sup> 31	M 16
T 17	23 43 49	24 <sup>h</sup> 18'13	20 <sup>m</sup> 9	21 <sup>s</sup> 2	11 <sup>s</sup> 50	23 <sup>h</sup> 39	12 <sup>h</sup> 59	1 <sup>h</sup> 26	6 <sup>m</sup> 29	15 <sup>h</sup> 31	17 <sup>h</sup> 8	19 <sup>h</sup> D49	18 <sup>h</sup> 35	8 <sup>h</sup> 2	4 <sup>h</sup> 40	T 17
W 18	23 47 46	25 <sup>h</sup> 16'26	2 <sup>m</sup> 16	21 <sup>s</sup> 48	13 <sup>s</sup> 4	24 <sup>h</sup> 0	13 <sup>h</sup> 11	1 <sup>h</sup> 30	6 <sup>m</sup> 33	15 <sup>h</sup> 32	17 <sup>h</sup> 8	19 <sup>h</sup> 49	18 <sup>h</sup> 31	8 <sup>h</sup> 9	4 <sup>h</sup> 48	W 18
T 19	23 51 43	26 <sup>h</sup> 14'41	14 <sup>m</sup> 10	22 <sup>s</sup> 31	14 <sup>s</sup> 18	24 <sup>h</sup> 21	13 <sup>h</sup> 24	1 <sup>h</sup> 34	6 <sup>m</sup> 36	15 <sup>h</sup> 32	17 <sup>h</sup> 8	19 <sup>h</sup> R49	18 <sup>h</sup> 28	8 <sup>h</sup> 16	4 <sup>h</sup> 57	T 19
F 20	23 55 39	27 <sup>h</sup> 12'59	25 <sup>m</sup> 59	23 <sup>s</sup> 9	15 <sup>s</sup> 32	24 <sup>h</sup> 43	13 <sup>h</sup> 36	1 <sup>h</sup> 39	6 <sup>m</sup> 40	15 <sup>h</sup> 33	17 <sup>h</sup> 8	19 <sup>h</sup> 49	18 <sup>h</sup> 25	8 <sup>h</sup> 22	5 <sup>h</sup> 5	F 20
S 21	23 59 36	28 <sup>h</sup> 11'18	7 <sup>m</sup> 46	23 <sup>s</sup> 44	16 <sup>s</sup> 46	25 <sup>h</sup> 5	13 <sup>h</sup> 49	1 <sup>h</sup> 43	6 <sup>m</sup> 43	15 <sup>h</sup> 34	17 <sup>h</sup> 8	19 <sup>h</sup> 48	18 <sup>h</sup> 22	8 <sup>h</sup> 29	5 <sup>h</sup> 14	S 21
S 22	0 3 32	29 <sup>h</sup> 9'39	19 <sup>m</sup> 36	24 <sup>s</sup> 14	18 <sup>s</sup> 0	25 <sup>h</sup> 28	14 <sup>h</sup> 2	1 <sup>h</sup> 47	6 <sup>m</sup> 47	15 <sup>h</sup> 35	17 <sup>h</sup> 7	19 <sup>h</sup> 44	18 <sup>h</sup> 19	8 <sup>h</sup> 36	5 <sup>h</sup> 22	S 22
M 23	0 7 29	0 <sup>h</sup> 8'03	1 <sup>m</sup> 33	24 <sup>m</sup> 40	19 <sup>s</sup> 14	25 <sup>h</sup> 52	14 <sup>h</sup> 15	1 <sup>h</sup> 52	6 <sup>m</sup> 51	15 <sup>h</sup> 35	17 <sup>h</sup> 7	19 <sup>h</sup> 37	18 <sup>h</sup> 16	8 <sup>h</sup> 42	5 <sup>h</sup> 31	M 23
T 24	0 11 25	1 <sup>h</sup> 6'28	13 <sup>m</sup> 40	25 <sup>s</sup> 1	20 <sup>s</sup> 28	26 <sup>h</sup> 16	14 <sup>h</sup> 27	1 <sup>h</sup> 57	6 <sup>m</sup> 54	15 <sup>h</sup> 36	17 <sup>h</sup> 7	19 <sup>h</sup> 28	18 <sup>h</sup> 12	8 <sup>h</sup> 49	5 <sup>h</sup> 40	T 24
W 25	0 15 22	2 <sup>h</sup> 4'55	25 <sup>m</sup> 58	25 <sup>s</sup> 16	21 <sup>s</sup> 42	26 <sup>h</sup> 40	14 <sup>h</sup> 40	2 <sup>h</sup> 1	6 <sup>m</sup> 58	15 <sup>h</sup> 37	17 <sup>h</sup> 7	19 <sup>h</sup> 17	18 <sup>h</sup> 9	8 <sup>h</sup> 56	5 <sup>h</sup> 48	W 25
T 26	0 19 18	3 <sup>h</sup> 3'23	8 <sup>m</sup> 48	25 <sup>m</sup> 26	22 <sup>s</sup> 56	27 <sup>h</sup> 5	14 <sup>h</sup> 53	2 <sup>h</sup> 6	7 <sup>m</sup> 1	15 <sup>h</sup> 38	17 <sup>h</sup> 7	19 <sup>h</sup> 4	18 <sup>h</sup> 6	9 <sup>h</sup> 2	5 <sup>h</sup> 57	T 26
F 27	0 23 15	4 <sup>h</sup> 1'54	21 <sup>m</sup> 11	25 <sup>m</sup> R29	24 <sup>m</sup> 10	27 <sup>h</sup> 31	15 <sup>h</sup> 6	2 <sup>h</sup> 11	7 <sup>m</sup> 4	15 <sup>h</sup> 39	17 <sup>h</sup> 7	18 <sup>h</sup> 51	18 <sup>h</sup> 3	9 <sup>h</sup> 9	6 <sup>h</sup> 5	F 27
S 28	0 27 11	5 <sup>h</sup> 0'27	4 <sup>m</sup> 17	25 <sup>m</sup> 27	25 <sup>s</sup> 24	27 <sup>h</sup> 57	15 <sup>h</sup> 18	2 <sup>h</sup> 16	7 <sup>m</sup> 8	15 <sup>h</sup> 40	17 <sup>h</sup> 6	18 <sup>h</sup> 40	18 <sup>h</sup> 0	9 <sup>h</sup> 16	6 <sup>h</sup> 14	S 28
S 29	0 31 8	5 <sup>h</sup> 59'01	17 <sup>m</sup> 14	25 <sup>s</sup> 17	26 <sup>s</sup> 38	28 <sup>h</sup> 23	15 <sup>h</sup> 31	2 <sup>h</sup> 20	7 <sup>m</sup> 11	15 <sup>h</sup> 41	17 <sup>h</sup> 6	18 <sup>h</sup> 30	17 <sup>h</sup> 56	9 <sup>h</sup> 22	6 <sup>h</sup> 22	S 29
M 30	0 35 5	6 <sup>h</sup> 57'37	0 <sup>m</sup> 32	25 <sup>s</sup> 1	27 <sup>s</sup> 52	28 <sup>h</sup> 50	15 <sup>h</sup> 44	2 <sup>h</sup> 25	7 <sup>m</sup> 15	15 <sup>h</sup> 42	17 <sup>h</sup> 6	18 <sup>h</sup> 23	17 <sup>h</sup> 53	9 <sup>h</sup> 29	6 <sup>h</sup> 31	M 30

Day	☉	☽		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	8n14	9s11	4n56	1s44	0s35	4n24	1n24	27s 0	5s 7	2s49	1n 6	18s17	1n57	10n 8	0n43	21s 4	1n31	10n58	11s49	21n45	21n57	20n 5	3s22	2s37			
M 2	7 52	13 25	4 29	2 25	0 44	3 54	1 23	26 56	5 4	2 54	1 6	18 18	1 57	10 7	0 43	21 4	1 31	10 58	11 49	21 45	21 58	20 4	3 25	2 37			
T 3	7 30	17 5	3 46	3 5	0 53	3 25	1 22	26 52	5 2	2 59	1 6	18 19	1 56	10 5	0 43	21 4	1 31	10 57	11 50	21 46	21 58	20 4	3 28	2 36			
W 4	7 8	19 55	2 51	3 44	1 2	2 55	1 21	26 47	4 59	3 4	1 6	18 19	1 56	10 4	0 43	21 4	1 30	10 57	11 50	21 46	21 59	20 3	3 31	2 36			
T 5	6 46	21 38	1 43	4 23	1 11	2 24	1 21	26 43	4 56	3 8	1 6	18 20	1 56	10 3	0 43	21 4	1 30	10 57	11 50	21 46	21 59	20 2	3 34	2 36			
F 6	6 24	21 59	0 28	5 1	1 20	1 54	1 20	26 38	4 54	3 13	1 6	18 21	1 56	10 1	0 43	21 4	1 30	10 57	11 50	21 45	22 0	20 1	3 37	2 35			
S 7	6 2	20 53	0s50	5 39	1 29	1 24	1 19	26 33	4 51	3 18	1 5	18 22	1 55	10 0	0 43	21 4	1 30	10 57	11 50	21 45	22 0	20 0	3 40	2 35			
S 8	5 40	18 19	2 6	6 15	1 39	0 54	1 18	26 28	4 48	3 23	1 5	18 23	1 55	9 59	0 43	21 4	1 30	10 56	11 51	21 46	22 0	19 59	3 43	2 35			
M 9	5 17	14 31	3 14	6 51	1 48	0 23	1 16	26 23	4 45	3 28	1 5	18 24	1 55	9 57	0 43	21 4	1 30	10 56	11 51	21 46	22 1	19 58	3 46	2 34			
T 10	4 55	9 48	4 8	7 25	1 57	0s 7	1 15	26 18	4 43	3 32	1 5	18 25	1 55	9 56	0 43	21 4	1 30	10 56	11 51	21 47	22 1	19 58	3 49	2 34			
W 11	4 32	4 33	4 45	7 59	2 6	0 38	1 14	26 12	4 40	3 37	1 5	18 26	1 55	9 55	0 43	21 4	1 30	10 56	11 51	21 49	22 2	19 57	3 52	2 34			
T 12	4 10	0n52	5 3	8 32	2 15	1 8	1 13	26 7	4 37	3 42	1 5	18 27	1 54	9 53	0 43	21 5	1 30	10 56	11 52	21 50	22 2	19 56	3 55	2 33			
F 13	3 47	6 4	5 2	9 3	2 24	1 38	1 11	26 1	4 34	3 47	1 5	18 28	1 54	9 52	0 43	21 5	1 30	10 55	11 52	21 51	22 3	19 55	3 58	2 33			
S 14	3 24	10 49	4 43	9 33	2 33	2 9	1 10	25 55	4 32	3 52	1 5	18 29	1 54	9 51	0 44	21 5	1 30	10 55	11 52	21 53	22 3	19 54	4 1	2 33			
S 15	3 1	14 54	4 10	10 2	2 42	2 39	1 8	25 49	4 29	3 57	1 5	18 30	1 54	9 49	0 44	21 5	1 30	10 55	11 52	21 53	22 4	19 53	4 4	2 32			
M 16	2 38	18 9	3 25	10 30	2 50	3 10	1 7	25 43	4 26	4 2	1 5	18 31	1 53	9 48	0 44	21 5	1 30	10 55	11 52	21 54	22 4	19 52	4 7	2 32			
T 17	2 15	20 28	2 32	10 56	2 58	3 40	1 5	25 37	4 23	4 7	1 5	18 32	1 53	9 47	0 44	21 5	1 30	10 55	11 53	21 54	22 4	19 51	4 10	2 32			
W 18	1 52	21 48	1 32	11 21	3 6	4 10	1 4	25 30	4 20	4 12	1 5	18 33	1 53	9 45	0 44	21 5	1 30	10 54	11 53	21 54	22 5	19 50	4 13	2 31			
T 19	1 29	22 6	0 30	11 44	3 14	4 40	1 2	25 24	4 18	4 16	1 5	18 34	1 53	9 44	0 44	21 5	1 30	10 54	11 53	21 54	22 5	19 49	4 16	2 31			
F 20	1 6	21 25	0n33	12 5	3 21	5 10	1 0	25 17	4 15	4 21	1 5	18 35	1 53	9 43	0 44	21 6	1 30	10 54	11 53	21 54	22 6	19 48	4 19	2 31			
S 21	0 43	19 47	1 34	12 24	3 28	5 40	0 58	25 10	4 12	4 26	1 5	18 36	1 52	9 41	0 44	21 6	1 30	10 54	11 53	21 54	22 6	19 48	4 22	2 30			
S 22	0 20	17 17	2 31	12 41	3 34	6 10	0 56	25 3	4 9	4 31	1 5	18 37	1 52	9 40	0 44	21 6	1 29	10 53	11 54	21 55	22 7	19 47	4 26	2 30			
M 23	0s 3	14 2	3 23	12 56	3 40	6 40	0 54	24 56	4 6	4 36	1 5	18 38	1 52	9 39	0 44	21 6	1 29	10 53	11 54	21 56	22 7	19 46	4 29	2 30			
T 24	0 26	10 11	4 5	13 9	3 46	7 10	0 52	24 49	4 4	4 41	1 5	18 39	1 52	9 37	0 44	21 6	1 29	10 53	11 54	21 57	22 7	19 45	4 32	2 29			
W 25	0 49	5 50	4 37	13 19	3 50	7 39	0 50	24 41	4 1	4 46	1 5	18 40	1 52	9 36	0 44	21 6	1 29	10 53	11 54	21 59	22 8	19 44	4 35	2 29			
T 26	1 13	1 11	4 56	13 26	3 54	8 8	0 48	24 34	3 58	4 51	1 5	18 41	1 51	9 35	0 44	21 6	1 29	10 53	11 55	22 0	22 8	19 43	4 38	2 29			
F 27	1 36	3s35	5 1	13 30	3 57	8 37	0 46	24 26	3 55	4 56	1 5	18 42	1 51	9 34	0 44	21 7	1 29	10 52	11 55	22 2	22 9	19 42	4 41	2 29			
S 28	1 59	8 17	4 50	13 30	3 58	9 6	0 44	24 18	3 53	5 1	1 4	18 44	1 51	9 32	0 44	21 7	1 29	10 52	11 55	22 4	22 9	19 41	4 44	2 28			
S 29	2 22	12 41	4 25	13 27	3 59	9 35	0 42	24 10	3 50	5 6	1 4	18 45	1 51	9 31	0 44	21 7	1 29	10 52	11 55	22 5	22 10	19 40	4 47	2 28			
M 30	2s45	16s32	3n44	13s21	3s58	10s 4	0n40	24s 1	3s47	5s11	1n 4	18s46	1n51	9n30	0n44	21s 7	1n29	10n52	11s55	22n 6	22n10	19n39	4s51	2s28			

## ASTRODIENST EPHEMERIS for the year 2633

OCTOBER 2633

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 39 1	7♂56'14	14♂ 2	24°R38	29♂ 6	29♂17	15♂57	2♂31	7♂18	15♂43	17°R 6	18°R19	17♂50	9♂36	6♂40	T 1
W 2	0 42 58	8°54'54	27°43	24♂ 7	0♂20	29°45	16°10	2°36	7°21	15°44	17°II 5	18♂17	17°47	9°42	6°48	W 2
T 3	0 46 54	9°53'35	11♂36	23°30	1°34	0♂13	16°23	2°41	7°25	15°46	17° 5	18°17	17°44	9°49	6°57	T 3
F 4	0 50 51	10°52'17	25°42	22°45	2°48	0°42	16°36	2°46	7°28	15°47	17° 5	18°17	17°41	9°56	7° 5	F 4
S 5	0 54 47	11°51'02	9♂59	21°55	4° 2	1°11	16°49	2°51	7°31	15°48	17° 4	18°16	17°37	10° 2	7°14	S 5
S 6	0 58 44	12°49'47	24°26	20°58	5°16	1°40	17° 2	2°57	7°35	15°49	17° 4	18°12	17°34	10° 9	7°23	S 6
M 7	1 2 40	13°48'35	8♂59	19°57	6°29	2° 9	17°15	3° 2	7°38	15°50	17° 3	18° 6	17°31	10°16	7°31	M 7
T 8	1 6 37	14°47'24	23°33	18°52	7°43	2°39	17°28	3° 8	7°41	15°52	17° 3	17°57	17°28	10°22	7°40	T 8
W 9	1 10 34	15°46'15	8♂ 1	17°45	8°57	3°10	17°40	3°13	7°44	15°53	17° 2	17°46	17°25	10°29	7°48	W 9
T 10	1 14 30	16°45'08	22°17	16°37	10°11	3°40	17°53	3°19	7°47	15°54	17° 2	17°34	17°21	10°35	7°57	T 10
F 11	1 18 27	17°44'03	6♂14	15°31	11°25	4°11	18° 6	3°24	7°50	15°56	17° 1	17°22	17°18	10°42	8° 5	F 11
S 12	1 22 23	18°43'00	19°48	14°27	12°39	4°43	18°19	3°30	7°53	15°57	17° 1	17°12	17°15	10°49	8°14	S 12
S 13	1 26 20	19°42'00	2♂58	13°28	13°53	5°14	18°32	3°36	7°56	15°59	17° 0	17° 4	17°12	10°55	8°23	S 13
M14	1 30 16	20°41'01	15°44	12°36	15° 6	5°46	18°45	3°42	7°59	16° 0	17° 0	16°58	17° 9	11° 2	8°31	M14
T 15	1 34 13	21°40'05	28° 8	11°51	16°20	6°19	18°58	3°48	8° 2	16° 1	16°59	16°56	17° 6	11° 9	8°40	T 15
W16	1 38 9	22°39'11	10♂16	11°15	17°34	6°51	19°11	3°54	8° 5	16° 3	16°59	16°54	17° 2	11°15	8°48	W16
T 17	1 42 6	23°38'19	22°12	10°49	18°48	7°24	19°24	4° 0	8° 8	16° 4	16°58	16°54	16°59	11°22	8°56	T 17
F 18	1 46 3	24°37'30	4♂ 1	10°34	20° 2	7°57	19°37	4° 6	8°11	16° 6	16°58	16°54	16°56	11°29	9° 5	F 18
S 19	1 49 59	25°36'43	15°50	10°D29	21°15	8°31	19°50	4°12	8°14	16° 8	16°57	16°53	16°53	11°35	9°13	S 19
S 20	1 53 56	26°35'58	27°43	10°35	22°29	9° 4	20° 3	4°18	8°17	16° 9	16°56	16°49	16°50	11°42	9°22	S 20
M21	1 57 52	27°35'15	9♂44	10°51	23°43	9°38	20°16	4°24	8°19	16°11	16°56	16°43	16°47	11°49	9°30	M21
T 22	2 1 49	28°34'35	21°58	11°17	24°57	10°13	20°29	4°30	8°22	16°12	16°55	16°34	16°43	11°55	9°38	T 22
W23	2 5 45	29°33'56	4♂28	11°54	26°11	10°47	20°42	4°37	8°25	16°14	16°54	16°23	16°40	12° 2	9°47	W23
T 24	2 9 42	0♂33'20	17°13	12°38	27°24	11°22	20°55	4°43	8°28	16°16	16°53	16°10	16°37	12° 9	9°55	T 24
F 25	2 13 38	1°32'46	0♂16	13°32	28°38	11°57	21° 7	4°49	8°30	16°18	16°53	15°57	16°34	12°15	10° 3	F 25
S 26	2 17 35	2°32'14	13°33	14°32	29°52	12°32	21°20	4°56	8°33	16°19	16°52	15°45	16°31	12°22	10°12	S 26
S 27	2 21 32	3°31'44	27° 4	15°39	1♂ 6	13° 7	21°33	5° 2	8°35	16°21	16°51	15°36	16°27	12°29	10°20	S 27
M28	2 25 28	4°31'16	10♂45	16°51	2°19	13°43	21°46	5° 8	8°38	16°23	16°50	15°28	16°24	12°35	10°28	M28
T 29	2 29 25	5°30'49	24°34	18° 9	3°33	14°19	21°59	5°15	8°40	16°25	16°50	15°24	16°21	12°42	10°36	T 29
W30	2 33 21	6°30'25	8♂30	19°31	4°47	14°55	22°12	5°22	8°43	16°26	16°49	15°23	16°18	12°49	10°44	W30
T 31	2 37 18	7♂30'02	22♂30	20♂56	6♂ 0	15♂31	22♂24	5♂28	8♂45	16♂28	16♂48	15°D23	16♂15	12♂55	10♂52	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	3s 8	19s35	2n51	13s10	3s56	10s32	0n37	23s53	3s44	5s16	1n 4	18s47	1n50	9n29	0n44	21s 7
W 2	3 31	21 34	1 47	12 56	3 53	11 0	0 35	23 44	3 42	5 21	1 4	18 48	1 50	9 27	0 44	21 7
T 3	3 54	22 16	0 35	12 37	3 47	11 28	0 33	23 36	3 39	5 26	1 4	18 49	1 50	9 26	0 44	21 7
F 4	4 17	21 34	0 59	12 14	3 40	11 56	0 30	23 27	3 36	5 31	1 4	18 51	1 50	9 25	0 44	21 8
S 5	4 40	19 29	1 52	11 47	3 32	12 23	0 28	23 18	3 33	5 36	1 4	18 52	1 50	9 24	0 44	21 8
S 6	5 3	16 8	2 59	11 15	3 21	12 50	0 25	23 9	3 31	5 41	1 4	18 53	1 50	9 23	0 44	21 8
M 7	5 26	11 47	3 54	10 41	3 8	13 17	0 23	22 59	3 28	5 45	1 4	18 54	1 49	9 22	0 44	21 8
T 8	5 49	6 45	4 34	10 3	2 54	13 43	0 20	22 50	3 25	5 50	1 4	18 55	1 49	9 20	0 44	21 8
W 9	6 11	1 22	4 56	9 22	2 38	14 9	0 18	22 40	3 23	5 55	1 4	18 57	1 49	9 19	0 44	21 9
T 10	6 34	4n 0	4 59	8 40	2 20	14 35	0 15	22 30	3 20	6 0	1 4	18 58	1 49	9 18	0 44	21 9
F 11	6 56	9 4	4 45	7 57	2 1	15 0	0 12	22 20	3 18	6 5	1 4	18 59	1 49	9 17	0 44	21 9
S 12	7 19	13 33	4 14	7 14	1 41	15 26	0 10	22 10	3 15	6 10	1 4	19 0	1 49	9 16	0 44	21 9
S 13	7 41	17 14	3 30	6 33	1 21	15 50	0 7	22 0	3 12	6 15	1 4	19 2	1 48	9 15	0 44	21 9
M14	8 3	19 59	2 37	5 53	1 0	16 15	0 4	21 50	3 10	6 20	1 4	19 3	1 48	9 14	0 44	21 10
T 15	8 25	21 43	1 38	5 17	0 40	16 38	0 2	21 39	3 7	6 25	1 4	19 4	1 48	9 13	0 44	21 10
W16	8 47	22 23	0 35	4 45	0 20	17 2	0s 1	21 28	3 5	6 30	1 4	19 5	1 48	9 11	0 44	21 10
T 17	9 9	22 0	0n28	4 17	0 1	17 25	0 4	21 18	3 2	6 34	1 4	19 7	1 48	9 10	0 44	21 10
F 18	9 30	20 38	1 29	3 54	0n17	17 48	0 7	21 6	3 0	6 39	1 4	19 8	1 48	9 9	0 44	21 10
S 19	9 52	18 22	2 27	3 37	0 34	18 10	0 9	20 55	2 57	6 44	1 4	19 9	1 47	9 8	0 44	21 10
S 20	10 13	15 20	3 18	3 25	0 49	18 32	0 12	20 44	2 55	6 49	1 4	19 10	1 47	9 7	0 44	21 11
M21	10 35	11 37	4 1	3 19	1 3	18 53	0 15	20 32	2 52	6 54	1 4	19 12	1 47	9 6	0 44	21 11
T 22	10 56	7 23	4 34	3 18	1 16	19 14	0 18	20 21	2 50	6 59	1 4	19 13	1 47	9 5	0 44	21 11
W23	11 17	2 45	4 55	3 22	1 26	19 34	0 21	20 9	2 47	7 3	1 4	19 14	1 47	9 4	0 44	21 11
T 24	11 38	2s 6	5 1	3 30	1 36	19 54	0 23	19 57	2 45	7 8	1 4	19 15	1 47	9 3	0 44	21 12
F 25	11 58	6 58	4 52	3 44	1 44	20 13	0 26	19 45	2 42	7 13	1 5	19 17	1 47	9 2	0 44	21 12
S 26	12 19	11 36	4 27	4 1	1 50	20 32	0 29	19 33	2 40	7 18	1 5	19 18	1 46	9 2	0 45	21 12
S 27	12 39	15 45	3 47	4 22	1 55	20 50	0 32	19 20	2 38	7 23	1 5	19 19	1 46	9 1	0 45	21 12
M28	12 59	19 8	2 53	4 46	1 59	21 7	0 35	19 8	2 35	7 27	1 5	19 20	1 46	9 0	0 45	21 12
T 29	13 19	21 27	1 48	5 13	2 2	21 24	0 38	18 55	2 33	7 32	1 5	19 22	1 46	8 59	0 45	21 13
W30	13 39	22 29	0 37	5 43	2 3	21 41	0 40	18 42	2 30	7 37	1 5	19 23	1 46	8 58	0 45	21 13
T 31	13s58	22s 6	0s38	6s14	2n 4	21s57	0s43	18s29	2s28	7s41	1n 5	19s24	1n46	8n57	0n45	21s13

Julian Day Number = 2683016.5, Delta T = 22m27s

Ecliptic obliquity = 23°21'23, Nutation = - 0°00'17

Ayanamsha: Fagan/Bradley = 33°36'18, Lahiri = 32°43'18

## ASTRODIENST EPHEMERIS for the year 2633

NOVEMBER 2633

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	2 41 14	8♂29'41	6♂34	22♂25	7♂14	16♂8	22♂37	5♂35	8♂47	16♂30	16♂47	15♂23	16♂12	13♂2	11♂1	F 1
S 2	2 45 11	9°29'21	20°42	23°56	8°28	16°45	22°50	5°41	8°50	16°32	16♂46	15♂23	16°8	13°9	11°9	S 2
S 3	2 49 7	10°29'03	4♂52	25°29	9°41	17°21	23°2	5°48	8°52	16°34	16°45	15°20	16°5	13°15	11°17	S 3
M 4	2 53 4	11°28'47	19°2	27°4	10°55	17°58	23°15	5°55	8°54	16°36	16°44	15°15	16°2	13°22	11°24	M 4
T 5	2 57 1	12°28'32	3♂9	28°40	12°9	18°36	23°28	6°2	8°56	16°38	16°44	15°8	15°59	13°29	11°32	T 5
W 6	3 0 57	13°28'19	17°10	0♂18	13°22	19°13	23°40	6°8	8°58	16°40	16°43	14°59	15°56	13°35	11°40	W 6
T 7	3 4 54	14°28'08	1♂1	1°56	14°36	19°51	23°53	6°15	9°0	16°42	16°42	14°48	15°53	13°42	11°48	T 7
F 8	3 8 50	15°27'59	14°37	3°34	15°49	20°29	24°5	6°22	9°2	16°44	16°41	14°38	15°49	13°49	11°56	F 8
S 9	3 12 47	16°27'51	27°55	5°13	17°3	21°6	24°18	6°29	9°4	16°46	16°40	14°29	15°46	13°55	12°4	S 9
S 10	3 16 43	17°27'46	10♂55	6°53	18°16	21°45	24°30	6°36	9°6	16°48	16°39	14°22	15°43	14°2	12°11	S 10
M11	3 20 40	18°27'43	23°35	8°32	19°30	22°23	24°43	6°43	9°8	16°50	16°38	14°17	15°40	14°9	12°19	M11
T 12	3 24 36	19°27'41	5♂57	10°11	20°43	23°1	24°55	6°50	9°10	16°52	16°37	14°15	15°37	14°15	12°27	T 12
W13	3 28 33	20°27'42	18°4	11°51	21°57	23°40	25°7	6°57	9°12	16°54	16°36	14°D15	15°33	14°22	12°34	W13
T 14	3 32 30	21°27'45	0♂0	13°30	23°10	24°18	25°20	7°3	9°13	16°56	16°35	14°16	15°30	14°29	12°42	T 14
F 15	3 36 26	22°27'50	11°50	15°9	24°24	24°57	25°32	7°10	9°15	16°58	16°34	14°17	15°27	14°35	12°49	F 15
S 16	3 40 23	23°27'56	23°39	16°48	25°37	25°36	25°44	7°17	9°17	17°0	16°33	14°R17	15°24	14°42	12°56	S 16
S 17	3 44 19	24°28'05	5♂33	18°26	26°51	26°15	25°56	7°25	9°18	17°2	16°32	14°17	15°21	14°49	13°4	S 17
M18	3 48 16	25°28'16	17°35	20°4	28°4	26°54	26°8	7°32	9°20	17°4	16°31	14°14	15°18	14°55	13°11	M18
T 19	3 52 12	26°28'29	29°52	21°42	29°17	27°33	26°21	7°39	9°21	17°6	16°30	14°9	15°14	15°2	13°18	T 19
W20	3 56 9	27°28'44	12♂27	23°20	0♂31	28°13	26°33	7°46	9°23	17°9	16°29	14°3	15°11	15°9	13°25	W20
T 21	4 0 5	28°29'01	25°22	24°57	1°44	28°52	26°45	7°53	9°24	17°11	16°28	13°55	15°8	15°15	13°33	T 21
F 22	4 4 2	29°29'19	8♂38	26°34	2°57	29°32	26°56	8°0	9°25	17°13	16°27	13°47	15°5	15°22	13°40	F 22
S 23	4 7 59	0♂29'40	22°14	28°11	4°11	0♂12	27°8	8°7	9°27	17°15	16°25	13°39	15°2	15°29	13°47	S 23
S 24	4 11 55	1°30'02	6♂8	29°47	5°24	0°52	27°20	8°14	9°28	17°17	16°24	13°33	14°59	15°35	13°53	S 24
M25	4 15 52	2°30'26	20°16	1♂23	6°37	1°32	27°32	8°21	9°29	17°19	16°23	13°29	14°55	15°42	14°0	M25
T 26	4 19 48	3°30'52	4♂32	2°59	7°51	2°12	27°44	8°28	9°30	17°22	16°22	13°27	14°52	15°49	14°7	T 26
W27	4 23 45	4°31'18	18°53	4°34	9°4	2°52	27°55	8°36	9°31	17°24	16°21	13°D27	14°49	15°55	14°14	W27
T 28	4 27 41	5°31'47	3♂13	6°9	10°17	3°32	28°7	8°43	9°32	17°26	16°20	13°28	14°46	16°2	14°21	T 28
F 29	4 31 38	6°32'16	17°30	7°44	11°30	4°13	28°18	8°50	9°33	17°28	16°19	13°29	14°43	16°9	14°27	F 29
S 30	4 35 34	7♂32'47	1♂42	9♂19	12♂43	4♂53	28♂30	8♂57	9♂34	17♂30	16♂18	13°R30	14♂39	16♂15	14♂34	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	14s17	20s21	1s50	6s47	2n 3	22s12	0s46	18s16	2s26	7s46	1n 5	19s26	1n46	8n56	0n45	21s13
S 2	14 36	17 20	2 56	7 22	2 2	22 26	0 49	18 3	2 23	7 51	1 5	19 27	1 46	8 55	0 45	21 13
S 3	14 55	13 17	3 52	7 58	2 0	22 40	0 51	17 49	2 21	7 55	1 5	19 28	1 45	8 55	0 45	21 14
M 4	15 13	8 31	4 33	8 34	1 57	22 54	0 54	17 36	2 19	8 0	1 5	19 29	1 45	8 54	0 45	21 14
T 5	15 32	3 18	4 57	9 11	1 54	23 6	0 57	17 22	2 17	8 4	1 5	19 31	1 45	8 53	0 45	21 14
W 6	15 50	2n 2	5 4	9 49	1 50	23 19	0 59	17 8	2 14	8 9	1 5	19 32	1 45	8 52	0 45	21 14
T 7	16 7	7 13	4 52	10 27	1 46	23 30	1 2	16 54	2 12	8 14	1 5	19 33	1 45	8 52	0 45	21 15
F 8	16 25	11 58	4 24	11 4	1 41	23 41	1 5	16 40	2 10	8 18	1 5	19 34	1 45	8 51	0 45	21 15
S 9	16 42	16 2	3 42	11 42	1 36	23 51	1 7	16 26	2 8	8 23	1 5	19 36	1 45	8 50	0 45	21 15
S 10	16 59	19 13	2 49	12 20	1 31	24 0	1 10	16 11	2 6	8 27	1 5	19 37	1 45	8 50	0 45	21 15
M11	17 16	21 24	1 49	12 57	1 25	24 9	1 12	15 57	2 3	8 32	1 5	19 38	1 45	8 49	0 45	21 15
T 12	17 32	22 29	0 44	13 34	1 19	24 17	1 15	15 42	2 1	8 36	1 5	19 39	1 45	8 48	0 45	21 16
W13	17 48	22 29	0n21	14 10	1 13	24 24	1 17	15 28	1 59	8 40	1 5	19 41	1 44	8 48	0 45	21 16
T 14	18 4	21 27	1 24	14 46	1 7	24 31	1 20	15 13	1 57	8 45	1 5	19 42	1 44	8 47	0 45	21 16
F 15	18 19	19 28	2 23	15 21	1 1	24 36	1 22	14 58	1 55	8 49	1 6	19 43	1 44	8 46	0 45	21 16
S 16	18 34	16 40	3 16	15 56	0 54	24 42	1 25	14 43	1 53	8 54	1 6	19 44	1 44	8 46	0 45	21 17
S 17	18 49	13 11	4 1	16 30	0 47	24 46	1 27	14 28	1 51	8 58	1 6	19 46	1 44	8 45	0 45	21 17
M18	19 4	9 7	4 36	17 3	0 41	24 50	1 29	14 12	1 49	9 2	1 6	19 47	1 44	8 45	0 45	21 17
T 19	19 18	4 37	4 59	17 35	0 34	24 53	1 31	13 57	1 47	9 6	1 6	19 48	1 44	8 44	0 45	21 17
W20	19 32	0s10	5 8	18 6	0 27	24 55	1 34	13 41	1 45	9 11	1 6	19 49	1 44	8 44	0 46	21 17
T 21	19 45	5 5	5 2	18 37	0 20	24 56	1 36	13 26	1 42	9 15	1 6	19 50	1 44	8 43	0 46	21 18
F 22	19 58	9 54	4 40	19 6	0 13	24 57	1 38	13 10	1 40	9 19	1 6	19 52	1 44	8 43	0 46	21 18
S 23	20 11	14 22	4 2	19 35	0 6	24 57	1 40	12 54	1 39	9 23	1 6	19 53	1 44	8 42	0 46	21 18
S 24	20 23	18 10	3 8	20 2	0s 0	24 56	1 42	12 38	1 37	9 27	1 6	19 54	1 44	8 42	0 46	21 18
M25	20 35	20 58	2 3	20 29	0 7	24 55	1 44	12 22	1 35	9 32	1 6	19 55	1 44	8 42	0 46	21 19
T 26	20 47	22 28	0 48	20 54	0 14	24 53	1 45	12 6	1 33	9 36	1 6	19 56	1 43	8 41	0 46	21 19
W27	20 58	22 31	0s30	21 19	0 21	24 50	1 47	11 50	1 31	9 40	1 7	19 57	1 43	8 41	0 46	21 19
T 28	21 9	21 5	1 46	21 42	0 27	24 46	1 49	11 33	1 29	9 44	1 7	19 59	1 43	8 41	0 46	21 19
F 29	21 20	18 19	2 55	22 5	0 34	24 42	1 50	11 17	1 27	9 48	1 7	20 0	1 43	8 40	0 46	21 19
S 30	21s30	14s28	3s53	22s26	0s40	24s37	1s52	11s 0	1s25	9s52	1n 7	20s 1	1n43	8n40	0n46	21s20

Julian Day Number = 2683047.5, Delta T = 22m28s

Ecliptic obliquity = 23°21'23", Nutation = - 0°00'18"

Ayanamsha: Fagan/Bradley = 33°36'22", Lahiri = 32°43'22"

## ASTRODIENST EPHEMERIS for the year 2633

DECEMBER 2633

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 39 31	8°33'18	15°46	10°53	13°57	5°34	28°41	9°4	9°35	17°33	16°R17	13°R30	14°36	16°22	14°40	S 1
M 2	4 43 28	9°33'51	29°42	12°28	15°10	6°14	28°52	9°11	9°36	17°35	16°II15	13°38	14°33	16°29	14°46	M 2
T 3	4 47 24	10°34'25	13°Y28	14° 2	16°23	6°55	29° 3	9°19	9°36	17°37	16°14	13°25	14°30	16°35	14°53	T 3
W 4	4 51 21	11°35'01	27° 3	15°36	17°36	7°36	29°15	9°26	9°37	17°39	16°13	13°21	14°27	16°42	14°59	W 4
T 5	4 55 17	12°35'37	10°826	17°10	18°49	8°17	29°26	9°33	9°38	17°42	16°12	13°16	14°24	16°49	15° 5	T 5
F 6	4 59 14	13°36'15	23°37	18°43	20° 2	8°58	29°37	9°40	9°38	17°44	16°11	13°11	14°20	16°55	15°11	F 6
S 7	5 3 10	14°36'54	6°II33	20°17	21°14	9°39	29°48	9°47	9°39	17°46	16°10	13° 6	14°17	17° 2	15°17	S 7
S 8	5 7 7	15°37'34	19°15	21°50	22°27	10°20	29°58	9°54	9°39	17°48	16° 9	13° 3	14°14	17° 9	15°23	S 8
M 9	5 11 3	16°38'16	1°42	23°23	23°40	11° 1	0°M 9	10° 1	9°39	17°51	16° 8	13° 1	14°11	17°15	15°29	M 9
T 10	5 15 0	17°38'59	13°57	24°57	24°53	11°42	0°20	10° 9	9°40	17°53	16° 6	13°D 0	14° 8	17°22	15°35	T 10
W 11	5 18 57	18°39'43	26° 0	26°30	26° 6	12°24	0°31	10°16	9°40	17°55	16° 5	13° 1	14° 5	17°29	15°40	W 11
T 12	5 22 53	19°40'29	7°855	28° 3	27°18	13° 5	0°41	10°23	9°40	17°57	16° 4	13° 2	14° 1	17°35	15°46	T 12
F 13	5 26 50	20°41'16	19°44	29°36	28°31	13°46	0°51	10°30	9°40	18° 0	16° 3	13° 4	13°58	17°42	15°51	F 13
S 14	5 30 46	21°42'04	1°M33	1°3 9	29°44	14°28	1° 2	10°37	9°40	18° 2	16° 2	13° 6	13°55	17°49	15°57	S 14
S 15	5 34 43	22°42'53	13°26	2°42	0°56	15° 9	1°12	10°44	9°R41	18° 4	16° 1	13° 7	13°52	17°55	16° 2	S 15
M 16	5 38 39	23°43'44	25°27	4°14	2° 9	15°51	1°22	10°51	9°41	18° 6	16° 0	13°R 7	13°49	18° 2	16° 7	M 16
T 17	5 42 36	24°44'37	7°42	5°47	3°21	16°32	1°32	10°58	9°40	18° 9	15°58	13° 7	13°45	18° 9	16°13	T 17
W 18	5 46 32	25°45'30	20°15	7°20	4°33	17°14	1°42	11° 5	9°40	18°11	15°57	13° 5	13°42	18°15	16°18	W 18
T 19	5 50 29	26°46'25	3°M 9	8°52	5°46	17°56	1°52	11°12	9°40	18°13	15°56	13° 3	13°39	18°22	16°23	T 19
F 20	5 54 26	27°47'21	16°28	10°25	6°58	18°37	2° 2	11°19	9°40	18°15	15°55	13° 1	13°36	18°29	16°27	F 20
S 21	5 58 22	28°48'18	0°X12	11°57	8°10	19°19	2°12	11°26	9°40	18°18	15°54	12°59	13°33	18°35	16°32	S 21
S 22	6 2 19	29°49'17	14°19	13°29	9°23	20° 1	2°21	11°33	9°39	18°20	15°53	12°57	13°30	18°42	16°37	S 22
M 23	6 6 15	0°350'16	28°47	15° 0	10°35	20°43	2°31	11°40	9°39	18°22	15°52	12°56	13°26	18°49	16°41	M 23
T 24	6 10 12	1°51'16	13°328	16°32	11°47	21°25	2°40	11°47	9°38	18°24	15°51	12°D56	13°23	18°55	16°46	T 24
W 25	6 14 8	2°52'17	28°16	18° 2	12°59	22° 7	2°49	11°54	9°38	18°27	15°50	12°56	13°20	19° 2	16°50	W 25
T 26	6 18 5	3°53'18	13°5 5	19°33	14°11	22°49	2°58	12° 1	9°37	18°29	15°49	12°57	13°17	19° 9	16°55	T 26
F 27	6 22 2	4°54'20	27°46	21° 3	15°23	23°31	3° 7	12° 7	9°37	18°31	15°48	12°58	13°14	19°15	16°59	F 27
S 28	6 25 58	5°55'23	12°X15	22°31	16°34	24°13	3°16	12°14	9°36	18°33	15°46	12°58	13°11	19°22	17° 3	S 28
S 29	6 29 55	6°56'25	26°27	24° 0	17°46	24°55	3°25	12°21	9°35	18°35	15°45	12°59	13° 7	19°29	17° 7	S 29
M 30	6 33 51	7°57'28	10°Y22	25°26	18°58	25°37	3°34	12°28	9°34	18°37	15°44	12°R59	13° 4	19°35	17°11	M 30
T 31	6 37 48	8°358'31	23°Y59	26°352	20°5 9	26°X19	3°M42	12°X34	9°M34	18°X40	15°II43	12°59	13°5 1	19°42	17°14	T 31

Day	☉	☽		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	21s39	9s50	4s37	22s46	0s46	24s31	1s54	10s44	1s23	9s56	1n 7	20s 2	1n43	8n40	0n46	21s20	1n27	10n40	12s 3	22n40	22n34	18n28	7s52	2s17	
M 2	21 48	4 46	5 3	23 5	0 53	24 24	1 55	10 27	1 21	9 59	1 7	20 3	1 43	8 39	0 46	21 20	1 27	10 40	12 3	22 41	22 34	18 27	7 55	2 17	
T 3	21 57	0n30	5 12	23 23	0 59	24 17	1 56	10 10	1 19	10 3	1 7	20 4	1 43	8 39	0 46	21 20	1 27	10 40	12 3	22 41	22 34	18 25	7 57	2 17	
W 4	22 6	5 40	5 3	23 39	1 5	24 9	1 58	9 53	1 18	10 7	1 7	20 5	1 43	8 39	0 46	21 21	1 27	10 40	12 3	22 41	22 35	18 24	7 59	2 17	
T 5	22 14	10 30	4 38	23 54	1 10	24 0	1 59	9 36	1 16	10 11	1 7	20 6	1 43	8 39	0 46	21 21	1 27	10 39	12 3	22 42	22 35	18 23	8 2	2 17	
F 6	22 21	14 46	3 58	24 8	1 16	23 51	2 0	9 20	1 14	10 15	1 8	20 7	1 43	8 39	0 46	21 21	1 27	10 39	12 3	22 42	22 35	18 21	8 4	2 17	
S 7	22 28	18 15	3 7	24 21	1 21	23 41	2 1	9 2	1 12	10 18	1 8	20 9	1 43	8 38	0 46	21 21	1 27	10 39	12 3	22 43	22 36	18 20	8 6	2 17	
S 8	22 35	20 49	2 7	24 33	1 27	23 30	2 2	8 45	1 10	10 22	1 8	20 10	1 43	8 38	0 46	21 21	1 27	10 39	12 3	22 43	22 36	18 19	8 8	2 17	
M 9	22 41	22 19	1 2	24 43	1 32	23 18	2 3	8 28	1 9	10 26	1 8	20 11	1 43	8 38	0 46	21 22	1 27	10 39	12 3	22 43	22 36	18 17	8 11	2 17	
T 10	22 47	22 43	0n 5	24 52	1 37	23 6	2 4	8 11	1 7	10 29	1 8	20 12	1 43	8 38	0 46	21 22	1 27	10 39	12 3	22 43	22 37	18 16	8 13	2 17	
W 11	22 52	22 2	1 11	25 0	1 41	22 54	2 4	7 54	1 5	10 33	1 8	20 13	1 43	8 38	0 46	21 22	1 27	10 39	12 3	22 43	22 37	18 15	8 15	2 17	
T 12	22 57	20 22	2 13	25 6	1 46	22 40	2 5	7 36	1 4	10 36	1 8	20 14	1 43	8 38	0 46	21 22	1 27	10 39	12 2	22 43	22 37	18 13	8 17	2 17	
F 13	23 2	17 50	3 9	25 11	1 50	22 26	2 5	7 19	1 2	10 40	1 8	20 15	1 43	8 38	0 47	21 22	1 27	10 39	12 2	22 43	22 38	18 12	8 19	2 16	
S 14	23 6	14 34	3 57	25 15	1 54	22 11	2 6	7 1	1 0	10 43	1 9	20 16	1 43	8 38	0 47	21 23	1 27	10 39	12 2	22 43	22 38	18 11	8 21	2 16	
S 15	23 9	10 43	4 35	25 18	1 58	21 56	2 6	6 44	0 59	10 47	1 9	20 17	1 43	8 38	0 47	21 23	1 27	10 39	12 2	22 43	22 38	18 9	8 23	2 16	
M 16	23 12	6 25	5 1	25 19	2 1	21 40	2 7	6 26	0 57	10 50	1 9	20 18	1 43	8 38	0 47	21 23	1 27	10 39	12 2	22 43	22 39	18 8	8 25	2 16	
T 17	23 15	1 47	5 15	25 18	2 4	21 24	2 7	6 9	0 55	10 53	1 9	20 19	1 43	8 38	0 47	21 23	1 27	10 39	12 2	22 43	22 39	18 7	8 27	2 16	
W 18	23 17	3s 2	5 14	25 16	2 7	21 6	2 7	5 51	0 54	10 57	1 9	20 20	1 43	8 38	0 47	21 23	1 27	10 39	12 2	22 43	22 39	18 5	8 29	2 16	
T 19	23 19	7 52	4 57	25 13	2 10	20 49	2 7	5 33	0 52	11 0	1 9	20 21	1 43	8 38	0 47	21 24	1 27	10 39	12 2	22 43	22 40	18 4	8 31	2 16	
F 20	23 20	12 29	4 24	25 8	2 12	20 31	2 7	5 16	0 50	11 3	1 9	20 22	1 43	8 39	0 47	21 24	1 27	10 39	12 2	22 43	22 40	18 2	8 33	2 16	
S 21	23 21	16 37	3 35	25 2	2 14	20 12	2 6	4 58	0 49	11 6	1 10	20 23	1 43	8 39	0 47	21 24	1 27	10 39	12 2	22 44	22 40	18 1	8 34	2 16	
S 22	23 21	19 55	2 32	24 55	2 15	19 52	2 6	4 40	0 47	11 9	1 10	20 24	1 43	8 39	0 47	21 24	1 27	10 39	12 2	22 44	22 41	18 0	8 36	2 16	
M 23	23 21	22 3	1 18	24 46	2 16	19 32	2 6	4 22	0 46	11 13	1 10	20 24	1 43	8 39	0 47	21 24	1 27	10 39	12 2	22 44	22 41	17 58	8 38	2 16	
T 24	23 21	22 44	0s 3	24 36	2 17	19 12	2 5	4 4	0 44	11 16	1 10	20 25	1 43	8 39	0 47	21 25	1 27	10 39	12 2	22 44	22 41	17 57	8 39	2 16	
W 25	23 20	21 49	1 24	24 24	2 17	18 51	2 5	3 46	0 43	11 19	1 10	20 26	1 43	8 40	0 47	21 25	1 27	10 39	12 1	22 44	22 41	17 55	8 41	2 16	
T 26	23 18	19 23	2 40	24 11	2 16	18 30	2 4	3 29	0 41	11 22	1 10	20 27	1 43	8 40	0 47	21 25	1 27	10 39	12 1	22 44	22 42	17 54	8 43	2 16	
F 27	23 16	15 43	3 44	23 57	2 15	18 8	2 3	3 11	0 40	11 24	1 10	20 28	1 43	8 40	0 47	21 25	1 27	10 39	12 1	22 44	22 42	17 53	8 44	2 16	
S 28	23 13	11 9	4 33	23 41	2 14	17 45	2 2	2 53	0 38	11 27	1 11	20 29	1 43	8 40	0 47	21 25	1 27	10 39	12 1	22 44	22 42	17 51	8 46	2 16	
S 29	23 11	6 4	5 5	23 24	2 12	17 23	2 1	2 35	0 37	11 30	1 11	20 30	1 43	8 41	0 47	21 25	1 27	10 39	12 1	22 44	22 43	17 50	8 47	2 15	
M 30	23 7	0 47	5 17	23 6	2 9	16 59	2 0	2 17	0 35	11 33	1 11	20 31	1 43	8 41	0 47	21 26	1 27	10 39	12 1	22 44	22 43	17 48	8 49	2 15	
T 31	23s 3	4n26	5s12	22s46	2s 6	16s36	1s59	1s59	0s34	11s36	1n11	20s31	1n43	8n41	0n47	21s26	1n27	10n39	12s 1	22n44	22n43	17n47	8s50	2s15	



## ASTRODIENST EPHEMERIS for the year 2634

FEBRUARY 2634

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 43 58	11°33'38	25°II 6	25°R 7	27°H 15	18°Y 52	7°M 3	15°A 44	8°R 42	19°A 40	15°R 17	12°A 48	11°A 19	23°A 16	18°R 15	S 1
S 2	8 47 54	12°34'38	7°A 14	24°B 44	28°22	19°34	7° 7	15°49	8°M 40	19°42	15°II 16	12°R 49	11°16	23°22	18°A 15	S 2
M 3	8 51 51	13°35'38	19°14	24°29	29°29	20°16	7°10	15°54	8°37	19°43	15°16	12°49	11°13	23°29	18°15	M 3
T 4	8 55 47	14°36'37	1°A 9	24°D 23	0°Y 35	20°58	7°14	15°59	8°35	19°45	15°15	12°47	11°10	23°36	18°15	T 4
W 5	8 59 44	15°37'35	13° 0	24°26	1°41	21°41	7°17	16° 3	8°33	19°46	15°15	12°44	11° 7	23°42	18°14	W 5
T 6	9 3 40	16°38'32	24°50	24°35	2°47	22°23	7°20	16° 8	8°30	19°48	15°14	12°39	11° 3	23°49	18°14	T 6
F 7	9 7 37	17°39'29	6°M 40	24°52	3°52	23° 5	7°22	16°13	8°28	19°49	15°14	12°33	11° 0	23°56	18°13	F 7
S 8	9 11 33	18°40'24	18°33	25°16	4°58	23°47	7°25	16°17	8°26	19°51	15°13	12°26	10°57	24° 2	18°12	S 8
S 9	9 15 30	19°41'19	0°A 30	25°45	6° 3	24°29	7°27	16°22	8°23	19°52	15°13	12°19	10°54	24° 9	18°11	S 9
M10	9 19 27	20°42'13	12°34	26°19	7° 7	25°11	7°30	16°26	8°21	19°53	15°13	12°12	10°51	24°16	18°10	M10
T 11	9 23 23	21°43'07	24°47	26°59	8°12	25°54	7°32	16°30	8°18	19°54	15°12	12° 7	10°48	24°22	18° 9	T 11
W12	9 27 20	22°43'59	7°M 13	27°43	9°16	26°36	7°34	16°35	8°16	19°56	15°12	12° 4	10°44	24°29	18° 8	W12
T 13	9 31 16	23°44'51	19°56	28°31	10°19	27°18	7°35	16°39	8°13	19°57	15°11	12°D 3	10°41	24°36	18° 7	T 13
F 14	9 35 13	24°45'43	2°A 59	29°22	11°23	28° 0	7°37	16°43	8°11	19°58	15°11	12° 3	10°38	24°42	18° 5	F 14
S 15	9 39 9	25°46'33	16°26	0°A 17	12°26	28°42	7°38	16°47	8° 8	19°59	15°11	12° 4	10°35	24°49	18° 4	S 15
S 16	9 43 6	26°47'23	0°B 19	1°16	13°29	29°24	7°39	16°51	8° 6	20° 1	15°11	12° 5	10°32	24°56	18° 2	S 16
M17	9 47 2	27°48'12	14°39	2°17	14°31	0°B 6	7°40	16°54	8° 3	20° 2	15°10	12°R 6	10°28	25° 3	18° 0	M17
T 18	9 50 59	28°49'00	29°25	3°20	15°33	0°48	7°41	16°58	8° 1	20° 3	15°10	12° 5	10°25	25° 9	17°59	T 18
W19	9 54 56	29°49'47	14°A 30	4°26	16°35	1°30	7°42	17° 2	7°58	20° 4	15°10	12° 1	10°22	25°16	17°57	W19
T 20	9 58 52	0°A 50'32	29°46	5°34	17°36	2°12	7°42	17° 5	7°55	20° 5	15°10	11°55	10°19	25°23	17°54	T 20
F 21	10 2 49	1°51'17	15°H 4	6°44	18°37	2°54	7°R 42	17° 9	7°53	20° 6	15°10	11°48	10°16	25°29	17°52	F 21
S 22	10 6 45	2°52'00	0°Y 11	7°56	19°37	3°36	7°42	17°12	7°50	20° 7	15° 9	11°40	10°13	25°36	17°50	S 22
S 23	10 10 42	3°52'41	14°59	9°10	20°37	4°18	7°42	17°15	7°47	20° 8	15° 9	11°32	10° 9	25°43	17°48	S 23
M24	10 14 38	4°53'21	29°20	10°26	21°37	5° 0	7°41	17°19	7°45	20° 9	15° 9	11°25	10° 6	25°49	17°45	M24
T 25	10 18 35	5°53'59	13°B 11	11°43	22°36	5°42	7°41	17°22	7°42	20°10	15° 9	11°21	10° 3	25°56	17°42	T 25
W26	10 22 31	6°54'36	26°33	13° 1	23°34	6°23	7°40	17°25	7°40	20°10	15° 9	11°18	10° 0	26° 3	17°40	W26
T 27	10 26 28	7°55'11	9°II 28	14°21	24°32	7° 5	7°39	17°28	7°37	20°11	15° 9	11°D 17	9°57	26° 9	17°37	T 27
F 28	10 30 25	8°A 55'44	22°II 0	15°A 42	25°Y 30	7°B 47	7°M 38	17°A 30	7°M 34	20°A 12	15°D 9	11°A 18	9°A 54	26°A 16	17°A 34	F 28

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17s15	21n40	1s36	17s52	3n13	1s26	0s23	7n27	0n 5	12s36	1n17	20s52	1n45	9n 2	0n48	21s30	1n28	10n42	11s54	22n45	22n53	16n58	9s11	2s13			
S 2	16 58	22 39	0 31	18 3	3 6	0 56	0 18	7 44	0 6	12 37	1 18	20 52	1 45	9 3	0 48	21 30	1 28	10 43	11 54	22 44	22 53	16 57	9 11	2 13			
M 3	16 41	22 34	0n35	18 14	2 57	0 25	0 14	8 0	0 7	12 38	1 18	20 52	1 45	9 3	0 48	21 30	1 28	10 43	11 54	22 44	22 53	16 55	9 11	2 13			
T 4	16 24	21 26	1 39	18 24	2 48	0n 6	0 9	8 17	0 8	12 39	1 18	20 53	1 45	9 4	0 48	21 30	1 28	10 43	11 54	22 45	22 53	16 53	9 11	2 13			
W 5	16 6	19 22	2 38	18 34	2 38	0 37	0 4	8 34	0 9	12 40	1 18	20 53	1 45	9 5	0 49	21 30	1 28	10 43	11 53	22 45	22 54	16 52	9 11	2 13			
T 6	15 48	16 29	3 29	18 42	2 28	1 7	0n 1	8 50	0 10	12 40	1 18	20 54	1 45	9 6	0 49	21 30	1 28	10 43	11 53	22 45	22 54	16 50	9 10	2 13			
F 7	15 29	12 56	4 12	18 50	2 17	1 38	0 7	9 7	0 11	12 41	1 19	20 54	1 45	9 7	0 49	21 30	1 28	10 44	11 53	22 46	22 54	16 49	9 10	2 13			
S 8	15 11	8 52	4 44	18 57	2 6	2 9	0 12	9 23	0 12	12 42	1 19	20 54	1 45	9 8	0 49	21 30	1 28	10 44	11 53	22 47	22 54	16 47	9 10	2 13			
S 9	14 52	4 27	5 4	19 2	1 55	2 39	0 17	9 40	0 13	12 42	1 19	20 55	1 46	9 9	0 49	21 31	1 28	10 44	11 52	22 47	22 55	16 45	9 9	2 13			
M10	14 32	0s11	5 10	19 7	1 44	3 10	0 23	9 56	0 14	12 43	1 19	20 55	1 46	9 10	0 49	21 31	1 28	10 44	11 52	22 48	22 55	16 44	9 9	2 13			
T 11	14 13	4 52	5 3	19 11	1 32	3 40	0 28	10 12	0 15	12 43	1 20	20 55	1 46	9 11	0 49	21 31	1 28	10 45	11 52	22 48	22 55	16 42	9 8	2 13			
W12	13 53	9 26	4 41	19 13	1 21	4 11	0 34	10 28	0 16	12 44	1 20	20 56	1 46	9 12	0 49	21 31	1 28	10 45	11 51	22 49	22 55	16 40	9 8	2 12			
T 13	13 34	13 43	4 5	19 14	1 10	4 41	0 40	10 44	0 17	12 44	1 20	20 56	1 46	9 13	0 49	21 31	1 28	10 45	11 51	22 49	22 56	16 39	9 7	2 12			
F 14	13 13	17 29	3 16	19 14	1 0	5 11	0 45	11 0	0 18	12 44	1 20	20 56	1 46	9 14	0 49	21 31	1 28	10 45	11 51	22 49	22 56	16 37	9 7	2 12			
S 15	12 53	20 26	2 15	19 13	0 49	5 41	0 51	11 16	0 18	12 44	1 20	20 56	1 46	9 15	0 49	21 31	1 28	10 46	11 51	22 49	22 56	16 35	9 6	2 12			
S 16	12 32	22 18	1 3	19 11	0 39	6 11	0 57	11 31	0 19	12 45	1 21	20 57	1 46	9 16	0 49	21 31	1 28	10 46	11 50	22 49	22 56	16 34	9 5	2 12			
M17	12 12	22 47	0s14	19 7	0 28	6 41	1 3	11 47	0 20	12 45	1 21	20 57	1 46	9 16	0 49	21 31	1 28	10 46	11 50	22 48	22 57	16 32	9 4	2 12			
T 18	11 51	21 42	1 32	19 3	0 18	7 10	1 9	12 2	0 21	12 45	1 21	20 57	1 47	9 17	0 49	21 31	1 28	10 46	11 50	22 49	22 57	16 30	9 3	2 12			
W19	11 30	19 4	2 46	18 57	0 9	7 39	1 16	12 18	0 22	12 45	1 21	20 57	1 47	9 18	0 49	21 31	1 28	10 47	11 50	22 49	22 57	16 29	9 3	2 12			
T 20	11 8	15 4	3 48	18 50	0s 1	8 9	1 22	12 33	0 23	12 45	1 22	20 58	1 47	9 19	0 49	21 31	1 28	10 47	11 49	22 49	22 57	16 27	9 2	2 11			
F 21	10 47	10 5	4 34	18 41	0 10	8 38	1 28	12 48	0 24	12 44	1 22	20 58	1 47	9 20	0 49	21 31	1 28	10 47	11 49	22 50	22 58	16 25	9 1	2 11			
S 22	10 25	4 32	5 1	18 31	0 19	9 6	1 35	13 3	0 24	12 44	1 22	20 58	1 47	9 21	0 49	21 31	1 28	10 47	11 49	22 51	22 58	16 24	9 0	2 11			
S 23	10 3	1n10	5 6	18 20	0 27	9 35	1 41	13 18	0 25	12 44	1 22	20 58	1 47	9 22	0 49	21 31	1 29	10 48	11 48	22 51	22 58	16 22	8 59	2 11			
M24	9 41	6 38	4 52	18 8	0 36	10 3	1 47	13 33	0 26	12 44	1 22	20 58	1 47	9 23	0 49	21 31	1 29	10 48	11 48	22 52	22 58	16 20	8 58	2 11			
T 25	9 19	11 35	4 21	17 55	0 44	10 32	1 54	13 48	0 27	12 43	1 23	20 59	1 47	9 24	0 49	21 31	1 29	10 48	11 48	22 52	22 59	16 19	8 56	2 11			
W26	8 57	15 48	3 37	17 40	0 51	10 59	2 1	14 2	0 27	12 43	1 23	20 59	1 48	9 25	0 49	21 31	1 29	10 48	11 48	22 53	22 59	16 17	8 55	2 11			
T 27	8 34	19 7	2 42	17 24	0 59	11 27	2 7	14 17	0 28	12 42	1 23	20 59	1 48	9 26	0 49	21 31	1 29	10 49	11 47	22 53	22 59	16 15	8 54	2 10			
F 28	8s12	21n25	1s42	17s 7	1s 6	11n54	2n14	14n31	0n29	12s42	1n23	20s59	1n48	9n27	0n49	21s31	1n29	10n49	11s47	22n53	22n59	16n13	8s53	2s10			

Julian Day Number = 2683139.5, Delta T = 22m29s

Ecliptic obliquity = 23°21'23", Nutation = - 0°00'16"

Ayanamsha: Fagan/Bradley = 33°36'35", Lahiri = 32°43'35"

# ASTRODIENST EPHEMERIS for the year 2634

MARCH 2634

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 34 21	9♂56'16	4♂15	17♂4	26♂27	8♂29	7°R37	17♂33	7°R32	20♂13	15♂9	11♂19	9♂50	26♂23	17°R31	S 1
S 2	10 38 18	10°56'46	16°16	18°28	27°23	9°11	7♂35	17°36	7♂29	20°14	15° 9	11°R19	9°47	26°29	17♂28	S 2
M 3	10 42 14	11°57'14	28°10	19°53	28°19	9°52	7°33	17°38	7°26	20°14	15° 9	11°17	9°44	26°36	17°25	M 3
T 4	10 46 11	12°57'40	9♂59	21°19	29°14	10°34	7°32	17°41	7°24	20°15	15° 9	11°13	9°41	26°43	17°22	T 4
W 5	10 50 7	13°58'05	21°48	22°46	0♂9	11°16	7°29	17°43	7°21	20°15	15° 9	11° 7	9°38	26°50	17°18	W 5
T 6	10 54 4	14°58'27	3♂38	24°14	1° 3	11°57	7°27	17°45	7°19	20°16	15° 9	10°57	9°34	26°56	17°15	T 6
F 7	10 58 0	15°58'48	15°32	25°44	1°56	12°39	7°25	17°47	7°16	20°17	15°10	10°46	9°31	27° 3	17°11	F 7
S 8	11 1 57	16°59'08	27°31	27°14	2°49	13°20	7°22	17°50	7°13	20°17	15°10	10°33	9°28	27°10	17° 8	S 8
S 9	11 5 54	17°59'26	9♂37	28°45	3°40	14° 2	7°19	17°51	7°11	20°18	15°10	10°20	9°25	27°16	17° 4	S 9
M10	11 9 50	18°59'42	21°50	0♂18	4°32	14°44	7°16	17°53	7° 8	20°18	15°10	10° 8	9°22	27°23	17° 0	M10
T 11	11 13 47	19°59'57	4♂12	1°52	5°22	15°25	7°13	17°55	7° 6	20°18	15°10	9°58	9°19	27°30	16°57	T 11
W12	11 17 43	21° 0'10	16°45	3°26	6°11	16° 6	7°10	17°57	7° 3	20°19	15°11	9°50	9°15	27°36	16°53	W12
T 13	11 21 40	22° 0'22	29°31	5° 2	7° 0	16°48	7° 6	17°58	7° 1	20°19	15°11	9°46	9°12	27°43	16°49	T 13
F 14	11 25 36	23° 0'32	12♂32	6°39	7°48	17°29	7° 3	18° 0	6°58	20°19	15°11	9°43	9° 9	27°50	16°45	F 14
S 15	11 29 33	24° 0'41	25°53	8°16	8°35	18°11	6°59	18° 1	6°56	20°20	15°11	9°D43	9° 6	27°56	16°41	S 15
S 16	11 33 29	25° 0'49	9♂34	9°55	9°21	18°52	6°55	18° 2	6°53	20°20	15°12	9°R43	9° 3	28° 3	16°37	S 16
M17	11 37 26	26° 0'55	23°39	11°35	10° 6	19°33	6°50	18° 4	6°51	20°20	15°12	9°43	9° 0	28°10	16°33	M17
T 18	11 41 23	27° 0'59	8♂8	13°16	10°50	20°15	6°46	18° 5	6°48	20°20	15°12	9°40	8°56	28°16	16°28	T 18
W19	11 45 19	28° 1'02	22°56	14°58	11°33	20°56	6°42	18° 6	6°46	20°21	15°13	9°35	8°53	28°23	16°24	W19
T 20	11 49 16	29° 1'03	7♂59	16°42	12°15	21°37	6°37	18° 7	6°44	20°21	15°13	9°27	8°50	28°30	16°20	T 20
F 21	11 53 12	0♂1'02	23° 8	18°26	12°56	22°19	6°32	18° 7	6°41	20°21	15°14	9°17	8°47	28°37	16°15	F 21
S 22	11 57 9	1° 1'00	8♂13	20°11	13°35	23° 0	6°27	18° 8	6°39	20°21	15°14	9° 5	8°44	28°43	16°11	S 22
S 23	12 1 5	2° 0'55	23° 2	21°58	14°14	23°41	6°22	18° 8	6°37	20°R21	15°15	8°54	8°40	28°50	16° 6	S 23
M24	12 5 2	3° 0'48	7♂29	23°46	14°51	24°22	6°17	18° 9	6°34	20°21	15°15	8°44	8°37	28°57	16° 2	M24
T 25	12 8 58	4° 0'40	21°28	25°35	15°27	25° 3	6°11	18° 9	6°32	20°21	15°16	8°36	8°34	29° 3	15°57	T 25
W26	12 12 55	5° 0'29	4♂57	27°25	16° 1	25°44	6° 6	18°10	6°30	20°21	15°16	8°31	8°31	29°10	15°53	W26
T 27	12 16 51	6° 0'16	17°58	29°17	16°34	26°25	6° 0	18°10	6°28	20°20	15°17	8°28	8°28	29°17	15°48	T 27
F 28	12 20 48	7° 0'01	0♂34	1°1'9	17° 6	27° 6	5°54	18°R10	6°25	20°20	15°17	8°27	8°25	29°23	15°44	F 28
S 29	12 24 45	7°59'44	12°51	3° 3	17°36	27°47	5°48	18°10	6°23	20°20	15°18	8°27	8°21	29°30	15°39	S 29
S 30	12 28 41	8°59'25	24°52	4°58	18° 4	28°28	5°42	18° 9	6°21	20°20	15°19	8°27	8°18	29°37	15°34	S 30
M31	12 32 38	9♂59'03	6♂45	6♂54	18♂31	29♂9	5♂36	18♂9	6♂19	20♂20	15♂19	8♂25	8♂15	29♂43	15♂30	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
S 1	7s49	22n39	0s38	16s49	1s13	12n22	2n21	14n45	0n30	12s41	1n24	20s59	1n48	9n28	0n49	21s31
S 2	7 26	22 48	0n27	16 30	1 19	12 48	2 28	14 59	0 30	12 40	1 24	20 59	1 48	9 29	0 49	21 31
M 3	7 3 21	22 55	1 29	16 9	1 25	13 15	2 35	15 13	0 31	12 40	1 24	20 59	1 48	9 30	0 49	21 31
T 4	6 40	20 3	2 27	15 47	1 31	13 41	2 42	15 27	0 32	12 39	1 24	20 59	1 48	9 31	0 49	21 31
W 5	6 17	17 19	3 18	15 24	1 36	14 7	2 49	15 40	0 33	12 38	1 24	21 0	1 48	9 32	0 49	21 31
T 6	5 54	13 53	4 1	14 59	1 41	14 32	2 56	15 54	0 33	12 37	1 25	21 0	1 49	9 33	0 49	21 31
F 7	5 31	9 53	4 34	14 34	1 46	14 58	3 3	16 7	0 34	12 36	1 25	21 0	1 49	9 34	0 49	21 31
S 8	5 7	5 29	4 54	14 7	1 50	15 22	3 10	16 20	0 35	12 35	1 25	21 0	1 49	9 35	0 49	21 31
S 9	4 44	0 50	5 2	13 39	1 54	15 47	3 17	16 33	0 35	12 34	1 25	21 0	1 49	9 36	0 49	21 31
M10	4 20	3s54	4 56	13 10	1 58	16 11	3 24	16 46	0 36	12 33	1 25	21 0	1 49	9 37	0 49	21 31
T 11	3 57	8 33	4 36	12 40	2 1	16 35	3 31	16 59	0 37	12 32	1 26	21 0	1 49	9 38	0 49	21 31
W12	3 33	12 55	4 2	12 8	2 4	16 58	3 38	17 12	0 37	12 30	1 26	21 0	1 49	9 39	0 49	21 31
T 13	3 10	16 47	3 16	11 36	2 7	17 21	3 45	17 24	0 38	12 29	1 26	21 0	1 49	9 40	0 49	21 31
F 14	2 46	19 56	2 19	11 2	2 9	17 44	3 53	17 37	0 39	12 28	1 26	21 0	1 50	9 41	0 49	21 31
S 15	2 22	22 5	1 13	10 27	2 10	18 6	4 0	17 49	0 39	12 26	1 26	21 0	1 50	9 42	0 49	21 31
S 16	1 58	23 0	0 1	9 51	2 12	18 27	4 7	18 1	0 40	12 25	1 27	21 0	1 50	9 42	0 49	21 31
M17	1 35	22 30	1s13	9 14	2 13	18 49	4 14	18 13	0 40	12 23	1 27	21 0	1 50	9 43	0 49	21 31
T 18	1 11	20 30	2 24	8 36	2 13	19 9	4 21	18 24	0 41	12 22	1 27	21 0	1 50	9 44	0 49	21 31
W19	0 47	17 5	3 27	7 57	2 13	19 30	4 28	18 36	0 42	12 20	1 27	21 0	1 50	9 45	0 49	21 31
T 20	0 23	12 31	4 17	7 16	2 13	19 49	4 35	18 47	0 42	12 18	1 27	21 0	1 50	9 46	0 49	21 31
F 21	0n 0	7 8	4 49	6 35	2 12	20 9	4 42	18 58	0 43	12 17	1 27	21 0	1 50	9 47	0 49	21 31
S 22	0 24	1 22	5 0	5 52	2 10	20 28	4 49	19 9	0 43	12 15	1 27	21 0	1 51	9 48	0 49	21 31
S 23	0 48	4n24	4 52	5 9	2 9	20 46	4 56	19 20	0 44	12 13	1 28	20 59	1 51	9 48	0 49	21 31
M24	1 12	9 48	4 24	4 24	2 6	21 4	5 3	19 31	0 44	12 11	1 28	20 59	1 51	9 49	0 49	21 31
T 25	1 35	14 30	3 41	3 38	2 3	21 21	5 10	19 41	0 45	12 9	1 28	20 59	1 51	9 50	0 49	21 31
W26	1 59	18 18	2 47	2 52	2 0	21 38	5 17	19 52	0 45	12 7	1 28	20 59	1 51	9 51	0 49	21 31
T 27	2 23	21 3	1 46	2 4	1 56	21 54	5 24	20 2	0 46	12 5	1 28	20 59	1 51	9 52	0 48	21 31
F 28	2 46	22 40	0 42	1 16	1 52	22 9	5 30	20 12	0 46	12 3	1 28	20 59	1 51	9 53	0 48	21 31
S 29	3 10	23 7	0n23	0 26	1 47	22 24	5 37	20 22	0 47	12 1	1 28	20 59	1 52	9 53	0 48	21 31
S 30	3 33	22 29	1 26	0n24	1 42	22 39	5 43	20 31	0 47	11 59	1 29	20 59	1 52	9 54	0 48	21 30
M31	3n56	20n50	2n24	1n15	1s36	22n52	5n49	20n41	0n48	11s57	1n29	20s58	1n52	9n55	0n48	21s30

Julian Day Number = 2683167.5, Delta T = 22m29s  
Ecliptic obliquity = 23°21'24, Nutation = - 0°00'16  
Ayanamsha: Fagan/Bradley = 33°36'39, Lahiri = 32°43'39

# ASTRODIENST EPHEMERIS for the year 2634

APRIL 2634

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 36 34	10°58'39	18°23'34	8°51'51	18°56'56	29°58'50	5°R29	18°R 9	6°R17	20°R19	15°R20	8°R20	8°R12	29°R50	15°R25	T 1
W 2	12 40 31	11°58'13	0°12'23	10°49'19	19°20'00	0°13'31	5°M23	18°R 8	6°M15	20°R19	15°21	8°R13	8°R 9	29°57	15°R20	W 2
T 3	12 44 27	12°57'44	12°16'16	12°49'19	19°41'12	1°12'12	5°16'18	18°R 8	6°13'13	20°19	15°21	8°R 3	8°R 5	0°12'23	15°R15	T 3
F 4	12 48 24	13°57'14	24°15'15	14°49'20	1°53'10	5°10'18	18°R 7	6°11'11	20°18	15°22	7°50	8°R 2	0°10'10	15°R11	F 4	
S 5	12 52 20	14°56'41	6°23'23	16°50'20	2°34'18	5°R 3	18°R 6	6°R 9	20°18	15°23	7°37	7°59	0°17'15	15°R 6	S 5	
S 6	12 56 17	15°56'07	18°40'18	18°51'20	3°14'34	4°56'18	18°R 6	6°R 7	20°17	15°24	7°23	7°56	0°24'15	15°R 1	S 6	
M 7	13 0 14	16°55'30	1°18'08	20°54'20	3°55'49	4°49'18	18°R 5	6°R 6	20°17	15°24	7°10	7°53	0°30'14	14°57'14	M 7	
T 8	13 4 10	17°54'51	13°45'22	22°56'20	5°36'43	4°42'18	18°R 4	6°R 4	20°16	15°25	6°59	7°50	0°37'14	14°52'14	T 8	
W 9	13 8 7	18°54'11	26°34'24	24°59'21	7°16'51	4°35'18	18°R 2	6°R 2	20°16	15°26	6°50	7°46	0°44'14	14°47'14	W 9	
T 10	13 12 3	19°53'29	9°33'33	27°1'21	1°14'57	4°28'18	18°R 1	6°R 0	20°15	15°27	6°45	7°43	0°50'14	14°42'14	T 10	
F 11	13 16 0	20°52'45	22°44'29	29°4'21	1°19'63	4°21'18	18°R 0	5°59'20	20°15	15°28	6°42	7°40	0°57'14	14°38'14	F 11	
S 12	13 19 56	21°51'59	6°38'09	1°R 5	21°R21	7°18'41	17°58'41	5°57'20	20°14	15°28	6°D42	7°37'10	1°R 4	14°33'14	S 12	
S 13	13 23 53	22°51'12	19°50'03	3°R 6	21°21'07	7°59'41	4°R 6	17°57'41	5°56'20	20°13	15°29	6°R42	7°34'10	1°10'17	14°28'14	S 13
M14	13 27 49	23°50'23	3°34'46	5°R 5	2°18'21	8°39'35	3°59'35	17°55'41	5°54'20	20°13	15°30	6°42'10	7°31'10	1°17'14	14°24'14	M14
T 15	13 31 46	24°49'32	18°R 0	7°R 2	2°13'09	9°20'35	3°51'35	17°54'41	5°53'20	20°12	15°31	6°40'10	7°27'10	1°24'14	14°19'14	T 15
W16	13 35 43	25°48'39	2°R29	8°58'21	10°R 0	3°44'10	17°52'41	5°51'20	20°11	15°32	6°35'10	7°24'10	1°31'14	14°14'14	W16	
T 17	13 39 39	26°47'45	17°R 9	10°51'20	5°56'10	3°36'17	17°50'41	5°50'20	20°11	15°33	6°29'10	7°21'10	1°37'14	14°10'14	T 17	
F 18	13 43 36	27°46'49	1°R55	12°41'20	1°21'11	3°28'17	17°48'41	5°49'20	20°10	15°34	6°20'10	7°18'10	1°44'14	14°5'14	F 18	
S 19	13 47 32	28°45'51	16°39'14	20°29'12	1°R 1	3°21'17	17°46'41	5°47'20	20°R 9	15°35	6°R 9	7°15'10	1°51'14	14°1'14	S 19	
S 20	13 51 29	29°44'51	1°R13	16°11'20	12°42'03	3°13'17	17°44'41	5°46'20	20°R 8	15°36	5°59'10	7°11'10	1°57'14	13°56'14	S 20	
M21	13 55 25	0°R43'49	15°30'17	17°51'19	13°22'03	3°R 5	17°41'41	5°45'20	20°R 7	15°37	5°49'10	7°R 8	2°R 4	13°52'14	M21	
T 22	13 59 22	1°42'45	29°24'19	26'19	14°R 2	2°58'17	17°39'41	5°44'20	20°R 6	15°38	5°42'10	7°R 5	2°11'14	13°48'14	T 22	
W23	14 3 18	2°41'39	12°R52	20°57'19	14°43'06	2°50'17	17°37'41	5°43'20	20°R 5	15°39	5°38'10	7°R 2	2°17'14	13°43'14	W23	
T 24	14 7 15	3°40'31	25°55'22	23°23'18	1°39'15	2°42'17	17°34'41	5°42'20	20°R 4	15°40	5°35'10	6°59'10	2°24'14	13°39'14	T 24	
F 25	14 11 12	4°39'20	8°R35	23°45'18	1°16'03	2°35'17	17°31'41	5°41'20	20°R 3	15°41	5°D35	6°56'10	2°31'14	13°35'14	F 25	
S 26	14 15 8	5°38'08	20°55'25	1°R41	16°43'02	2°27'17	17°29'41	5°40'20	20°R 2	15°42	5°35'10	6°52'10	2°38'14	13°31'14	S 26	
S 27	14 19 5	6°36'53	3°R0	26°12'17	1°R 9	17°23'02	17°26'41	5°39'20	20°R 1	15°43	5°R36	6°49'10	2°44'14	13°26'14	S 27	
M28	14 23 1	7°35'36	14°55'27	1°R18	16°36'18	1°R 3	17°23'41	5°38'20	20°R 0	15°44	5°36'10	6°46'10	2°51'14	13°22'14	M28	
T 29	14 26 58	8°34'16	26°45'28	1°R19	16°R 1	18°44'02	17°20'41	5°37'20	19°R59	15°45	5°34'10	6°43'10	2°58'14	13°18'14	T 29	
W30	14 30 54	9°R32'55	8°R37	29°R13	15°R26	19°R24	1°R56	17°R17	5°R36	19°R58	15°R47	5°R30	6°R40	3°R 4	13°R15	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	4n20	18n18	3n15	2n 7	1s30	23n 5	5n55	20n50	0n48	11s55	1n29	20s58	1n52	9n55	0n48	21s30
W 2	4 43	15 0	3 58	3 0	1 23	23 17	6 1	20 59	0 49	11 52	1 29	20 58	1 52	9 56	0 48	21 30
T 3	5 6	11 6	4 31	3 53	1 16	23 29	6 7	21 8	0 49	11 50	1 29	20 58	1 52	9 57	0 48	21 30
F 4	5 29	6 44	4 52	4 46	1 8	23 40	6 13	21 17	0 50	11 48	1 29	20 58	1 52	9 58	0 48	21 30
S 5	5 52	2 4	5 0	5 40	1 0	23 50	6 18	21 25	0 50	11 46	1 29	20 58	1 52	9 58	0 48	21 30
S 6	6 15	2s45	4 54	6 35	0 51	23 59	6 23	21 34	0 51	11 43	1 29	20 57	1 53	9 59	0 48	21 30
M 7	6 38	7 32	4 34	7 29	0 41	24 7	6 28	21 42	0 51	11 41	1 29	20 57	1 53	10 0	0 48	21 30
T 8	7 0	12 4	4 1	8 24	0 32	24 14	6 33	21 50	0 52	11 38	1 29	20 57	1 53	10 0	0 48	21 30
W 9	7 23	16 9	3 15	9 18	0 21	24 21	6 37	21 58	0 52	11 36	1 29	20 57	1 53	10 1	0 48	21 30
T 10	7 45	19 31	2 18	10 12	0 11	24 27	6 41	22 5	0 52	11 34	1 30	20 57	1 53	10 1	0 48	21 30
F 11	8 7	21 56	1 13	11 6	0 0	24 31	6 44	22 13	0 53	11 31	1 30	20 56	1 53	10 2	0 48	21 30
S 12	8 29	23 10	0 3	11 59	0n11	24 35	6 47	22 20	0 53	11 29	1 30	20 56	1 53	10 3	0 48	21 30
S 13	8 51	23 2	1s 9	12 51	0 22	24 38	6 50	22 27	0 54	11 26	1 30	20 56	1 53	10 3	0 48	21 29
M14	9 13	21 29	2 18	13 42	0 34	24 39	6 53	22 34	0 54	11 24	1 30	20 56	1 53	10 4	0 48	21 29
T 15	9 35	18 34	3 20	14 32	0 45	24 40	6 54	22 40	0 55	11 21	1 30	20 55	1 54	10 4	0 48	21 29
W16	9 56	14 27	4 11	15 20	0 57	24 39	6 56	22 47	0 55	11 19	1 30	20 55	1 54	10 5	0 48	21 29
T 17	10 18	9 26	4 45	16 6	1 8	24 37	6 57	22 53	0 55	11 16	1 30	20 55	1 54	10 5	0 48	21 29
F 18	10 39	3 51	5 1	16 51	1 19	24 34	6 57	22 59	0 56	11 13	1 30	20 55	1 54	10 6	0 48	21 29
S 19	11 0	1n57	4 57	17 33	1 30	24 29	6 56	23 5	0 56	11 11	1 30	20 54	1 54	10 6	0 48	21 29
S 20	11 21	7 42	4 34	18 13	1 40	24 24	6 55	23 10	0 56	11 8	1 30	20 54	1 54	10 6	0 48	21 29
M21	11 41	12 34	3 54	18 51	1 50	24 16	6 54	23 16	0 57	11 6	1 30	20 54	1 54	10 7	0 48	21 29
T 22	12 2	17 1	3 0	19 27	2 0	24 8	6 51	23 21	0 57	11 3	1 30	20 53	1 54	10 7	0 48	21 29
W23	12 22	20 19	1 58	20 0	2 8	23 58	6 48	23 26	0 57	11 0	1 30	20 53	1 54	10 8	0 48	21 28
T 24	12 42	22 26	0 51	20 30	2 17	23 47	6 45	23 31	0 58	10 58	1 30	20 53	1 54	10 8	0 48	21 28
F 25	13 2	23 21	0n16	20 58	2 24	23 35	6 40	23 36	0 58	10 55	1 30	20 52	1 54	10 8	0 48	21 28
S 26	13 21	23 4	1 21	21 23	2 30	23 21	6 35	23 40	0 58	10 53	1 30	20 52	1 55	10 9	0 48	21 28
S 27	13 41	21 43	2 21	21 46	2 36	23 6	6 29	23 44	0 59	10 50	1 30	20 52	1 55	10 9	0 48	21 28
M28	14 0	19 24	3 14	22 6	2 41	22 50	6 22	23 48	0 59	10 48	1 29	20 51	1 55	10 9	0 48	21 28
T 29	14 19	16 17	3 59	22 23	2 45	22 32	6 14	23 52	0 59	10 45	1 29	20 51	1 55	10 9	0 47	21 28
W30	14n37	12n32	4n33	22n38	2n47	22n14	6n 6	23n56	1n 0	10s43	1n29	20s51	1n55	10n10	0n47	21s28

Julian Day Number = 2683198.5, Delta T = 22m29s  
 Ecliptic obliquity = 23°21'24", Nutation = - 0°00'17"  
 Ayanamsha: Fagan/Bradley = 33°36'43", Lahiri = 32°43'43"

## ASTRODIENST EPHEMERIS for the year 2634

MAY 2634

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 34 51	10°31'31	20°33	0°11 2	14°R49	20°11 4	1°R49	17°R14	5°R36	19°R57	15°R48	5°R24	6°37	3°11	13°R11	T 1
F 2	14 38 47	11°30'06	2°37	0°46	14°R12	20°44	1°M41	17°R11	5°R35	19°R56	15°49	5°15	6°33	3°18	13°R7	F 2
S 3	14 42 44	12°28'38	14°53	1°23	13°34	21°24	1°34	17° 8	5°35	19°54	15°50	5° 6	6°30	3°24	13° 3	S 3
S 4	14 46 40	13°27'08	27°22	1°55	12°56	22° 3	1°26	17° 5	5°34	19°53	15°51	4°56	6°27	3°31	12°59	S 4
M 5	14 50 37	14°25'36	10°M 4	2°21	12°18	22°43	1°19	17° 1	5°34	19°52	15°52	4°48	6°24	3°38	12°56	M 5
T 6	14 54 34	15°24'03	23° 0	2°41	11°41	23°23	1°12	16°58	5°33	19°51	15°53	4°40	6°21	3°44	12°52	T 6
W 7	14 58 30	16°22'28	6°R 9	2°55	11° 4	24° 3	1° 5	16°54	5°33	19°50	15°55	4°35	6°17	3°51	12°49	W 7
T 8	15 2 27	17°20'51	19°30	3° 4	10°28	24°43	0°57	16°51	5°32	19°48	15°56	4°31	6°14	3°58	12°46	T 8
F 9	15 6 23	18°19'12	3°R 2	3°R 7	9°53	25°23	0°50	16°47	5°32	19°47	15°57	4°D30	6°11	4° 5	12°42	F 9
S 10	15 10 20	19°17'32	16°44	3° 4	9°20	26° 2	0°43	16°44	5°32	19°46	15°58	4°31	6° 8	4°11	12°39	S 10
S 11	15 14 16	20°15'50	0°R36	2°56	8°48	26°42	0°36	16°40	5°32	19°44	16° 0	4°32	6° 5	4°18	12°36	S 11
M12	15 18 13	21°14'07	14°37	2°44	8°17	27°22	0°30	16°36	5°32	19°43	16° 1	4°R33	6° 2	4°25	12°33	M12
T 13	15 22 10	22°12'22	28°45	2°26	7°49	28° 2	0°23	16°32	5°D32	19°42	16° 2	4°33	5°58	4°31	12°30	T 13
W14	15 26 6	23°10'36	13°R 1	2° 5	7°22	28°41	0°16	16°28	5°32	19°40	16° 3	4°31	5°55	4°38	12°27	W14
T 15	15 30 3	24° 8'49	27°21	1°39	6°57	29°21	0°10	16°24	5°32	19°39	16° 5	4°28	5°52	4°45	12°25	T 15
F 16	15 33 59	25° 7'00	11°R41	1°10	6°35	0°R 0	0° 3	16°21	5°32	19°37	16° 6	4°23	5°49	4°52	12°22	F 16
S 17	15 37 56	26° 5'09	25°58	0°39	6°15	0°40	29°R57	16°17	5°32	19°36	16° 7	4°17	5°46	4°58	12°19	S 17
S 18	15 41 52	27° 3'17	10°R 5	0° 5	5°57	1°20	29°51	16°12	5°32	19°34	16° 8	4°12	5°42	5° 5	12°17	S 18
M19	15 45 49	28° 1'24	23°59	29°R30	5°42	1°59	29°45	16° 8	5°33	19°33	16°10	4° 6	5°39	5°12	12°15	M19
T 20	15 49 45	28°59'29	7°R36	28°53	5°29	2°39	29°39	16° 4	5°33	19°31	16°11	4° 2	5°36	5°18	12°12	T 20
W21	15 53 42	29°57'33	20°52	28°17	5°18	3°18	29°33	16° 0	5°33	19°30	16°12	4° 0	5°33	5°25	12°10	W21
T 22	15 57 39	0°15'34	3°R49	27°40	5°10	3°58	29°27	15°56	5°34	19°28	16°14	3°D59	5°30	5°32	12° 8	T 22
F 23	16 1 35	1°53'34	16°25	27° 5	5° 4	4°37	29°21	15°52	5°34	19°27	16°15	4° 0	5°27	5°38	12° 6	F 23
S 24	16 5 32	2°51'33	28°45	26°31	5° 1	5°16	29°16	15°47	5°35	19°25	16°16	4° 1	5°23	5°45	12° 4	S 24
S 25	16 9 28	3°49'29	10°R51	26° 0	5°D 0	5°56	29°11	15°43	5°35	19°24	16°18	4° 3	5°20	5°52	12° 3	S 25
M26	16 13 25	4°47'24	22°48	25°31	5° 1	6°35	29° 6	15°39	5°36	19°22	16°19	4° 4	5°17	5°59	12° 1	M26
T 27	16 17 21	5°45'17	4°R41	25° 5	5° 5	7°14	29° 1	15°34	5°37	19°21	16°20	4°R 5	5°14	6° 5	11°59	T 27
W28	16 21 18	6°43'08	16°34	24°43	5°11	7°54	28°56	15°30	5°38	19°19	16°22	4° 5	5°11	6°12	11°58	W28
T 29	16 25 14	7°40'58	28°32	24°24	5°19	8°33	28°51	15°25	5°38	19°18	16°23	4° 3	5° 8	6°19	11°57	T 29
F 30	16 29 11	8°38'46	10°R39	24° 9	5°29	9°12	28°46	15°21	5°39	19°16	16°24	4° 0	5° 4	6°25	11°55	F 30
S 31	16 33 8	9°13'32	22°R59	23°R59	5°R41	9°R51	28°R42	15°R17	5°R40	19°R14	16°R26	3°R57	5°R 1	6°R32	11°R54	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	14n56	8n16	4n55	22n50	2n49	21n54	5n57	23n59	1n 0	10s40	1n29	20s50	1n55	10n10	0n47	T 1
F 2	15 14	3 38	5 5	23 0	2 49	21 33	5 47	24 2	1 0	10 37	1 29	20 50	1 55	10 10	0 47	F 2
S 3	15 32	1s13	5 1	23 7	2 49	21 12	5 36	24 5	1 1	10 35	1 29	20 50	1 55	10 10	0 47	S 3
S 4	15 49	6 6	4 43	23 12	2 47	20 50	5 25	24 8	1 1	10 33	1 29	20 49	1 55	10 10	0 47	S 4
M 5	16 7	10 49	4 10	23 14	2 43	20 27	5 14	24 11	1 1	10 30	1 29	20 49	1 55	10 10	0 47	M 5
T 6	16 24	15 10	3 24	23 13	2 39	20 3	5 1	24 13	1 1	10 28	1 29	20 49	1 55	10 11	0 47	T 6
W 7	16 41	18 51	2 27	23 11	2 33	19 40	4 49	24 15	1 2	10 25	1 29	20 48	1 55	10 11	0 47	W 7
T 8	16 57	21 37	1 20	23 6	2 26	19 16	4 35	24 17	1 2	10 23	1 29	20 48	1 55	10 11	0 47	T 8
F 9	17 13	23 11	0 8	22 58	2 18	18 52	4 22	24 19	1 2	10 21	1 28	20 47	1 55	10 11	0 47	F 9
S 10	17 29	23 24	1s 6	22 48	2 9	18 28	4 8	24 20	1 2	10 18	1 28	20 47	1 55	10 11	0 47	S 10
S 11	17 45	22 10	2 16	22 36	1 58	18 4	3 54	24 22	1 3	10 16	1 28	20 47	1 55	10 11	0 47	S 11
M12	18 0	19 35	3 20	22 22	1 46	17 41	3 39	24 23	1 3	10 14	1 28	20 46	1 55	10 11	0 47	M12
T 13	18 15	15 48	4 12	22 6	1 33	17 18	3 25	24 24	1 3	10 12	1 28	20 46	1 56	10 11	0 47	T 13
W14	18 30	11 5	4 48	21 48	1 19	16 55	3 10	24 24	1 3	10 9	1 28	20 45	1 56	10 11	0 47	W14
T 15	18 45	5 45	5 7	21 28	1 4	16 33	2 56	24 25	1 4	10 7	1 28	20 45	1 56	10 11	0 47	T 15
F 16	18 59	0 7	5 7	21 7	0 49	16 12	2 41	24 25	1 4	10 5	1 27	20 45	1 56	10 11	0 47	F 16
S 17	19 12	5n31	4 48	20 44	0 32	15 52	2 27	24 25	1 4	10 3	1 27	20 44	1 56	10 11	0 47	S 17
S 18	19 26	10 48	4 11	20 21	0 15	15 33	2 12	24 25	1 4	10 1	1 27	20 44	1 56	10 10	0 47	S 18
M19	19 39	15 28	3 20	19 56	0s 2	15 14	1 58	24 25	1 5	9 59	1 27	20 43	1 56	10 10	0 47	M19
T 20	19 52	19 13	2 19	19 31	0 20	14 57	1 44	24 25	1 5	9 57	1 27	20 43	1 56	10 10	0 47	T 20
W21	20 4	21 52	1 11	19 6	0 37	14 40	1 31	24 24	1 5	9 55	1 27	20 42	1 56	10 10	0 47	W21
T 22	20 16	23 17	0 1	18 41	0 55	14 25	1 17	24 23	1 5	9 54	1 26	20 42	1 56	10 10	0 47	T 22
F 23	20 28	23 28	1n 7	18 16	1 12	14 10	1 4	24 22	1 5	9 52	1 26	20 42	1 56	10 9	0 47	F 23
S 24	20 40	22 29	2 11	17 52	1 29	13 57	0 51	24 21	1 6	9 50	1 26	20 41	1 56	10 9	0 46	S 24
S 25	20 51	20 28	3 8	17 29	1 45	13 45	0 39	24 19	1 6	9 48	1 26	20 41	1 56	10 9	0 46	S 25
M26	21 1	17 35	3 56	17 7	2 0	13 34	0 27	24 17	1 6	9 47	1 26	20 40	1 56	10 9	0 46	M26
T 27	21 11	14 0	4 33	16 47	2 15	13 24	0 15	24 16	1 6	9 45	1 25	20 40	1 56	10 8	0 46	T 27
W28	21 21	9 53	4 59	16 28	2 29	13 15	0 3	24 13	1 6	9 44	1 25	20 39	1 56	10 8	0 46	W28
T 29	21 31	5 22	5 12	16 11	2 42	13 7	0s 8	24 11	1 6	9 42	1 25	20 39	1 56	10 8	0 46	T 29
F 30	21 40	0 35	5 11	15 56	2 53	13 1	0 19	24 9	1 7	9 41	1 25	20 38	1 55	10 7	0 46	F 30
S 31	21n49	4s19	4n57	15n44	3s 4	12n55	0s29	24n 6	1n 7	9s39	1n25	20s38	1n55	10n 7	0n46	S 31

Julian Day Number = 2683228.5, Delta T = 22m30s

Ecliptic obliquity = 23°21'24", Nutation = - 0°00'18"

Ayanamsha: Fagan/Bradley = 33°36'47", Lahiri = 32°43'47"

## ASTRODIENST EPHEMERIS for the year 2634

JUNE 2634

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 37 4	10 <sup>II</sup> 34'17	5 <sup>III</sup> 36	23°R53	5 <sup>III</sup> 56	10 <sup>III</sup> 31	28°R38	15°R12	5 <sup>III</sup> 41	19°R13	16 <sup>III</sup> 27	3°R53	4 <sup>III</sup> 58	6 <sup>III</sup> 39	11°R53	S 1
M 2	16 41 1	11°32'00	18°30	23°D51	6°12	11°10	28 <sup>II</sup> 34	15°R 8	5°42	19°R11	16°29	3 <sup>III</sup> 50	4°55	6°45	11°R52	M 2
T 3	16 44 57	12°29'42	1 <sup>II</sup> 42	23 <sup>II</sup> 54	6°30	11°49	28°30	15° 3	5°43	19°10	16°30	3°47	4°52	6°52	11°52	T 3
W 4	16 48 54	13°27'23	15°12	24° 2	6°50	12°28	28°26	14°59	5°44	19° 8	16°31	3°45	4°48	6°59	11°51	W 4
T 5	16 52 50	14°25'03	28°57	24°14	7°12	13° 7	28°22	14°54	5°45	19° 6	16°33	3°D44	4°45	7° 6	11°51	T 5
F 6	16 56 47	15°22'41	12 <sup>II</sup> 55	24°30	7°36	13°46	28°19	14°50	5°47	19° 5	16°34	3°44	4°42	7°12	11°50	F 6
S 7	17 0 43	16°20'18	27° 3	24°51	8° 1	14°25	28°16	14°45	5°48	19° 3	16°35	3°45	4°39	7°19	11°50	S 7
S 8	17 4 40	17°17'55	11 <sup>III</sup> 16	25°16	8°28	15° 4	28°13	14°41	5°49	19° 2	16°37	3°46	4°36	7°26	11°50	S 8
M 9	17 8 37	18°15'30	25°33	25°45	8°57	15°43	28°10	14°37	5°51	19° 0	16°38	3°47	4°33	7°32	11°D49	M 9
T 10	17 12 33	19°13'04	9 <sup>II</sup> 49	26°19	9°26	16°22	28° 7	14°32	5°52	18°58	16°39	3°48	4°29	7°39	11°49	T 10
W 11	17 16 30	20°10'38	24° 3	26°57	9°58	17° 1	28° 4	14°28	5°54	18°57	16°41	3°R48	4°26	7°46	11°50	W 11
T 12	17 20 26	21° 8'11	8 <sup>II</sup> 11	27°38	10°31	17°40	28° 2	14°23	5°55	18°55	16°42	3°48	4°23	7°53	11°50	T 12
F 13	17 24 23	22° 5'43	22°12	28°23	11° 5	18°19	28° 0	14°19	5°57	18°53	16°44	3°47	4°20	7°59	11°50	F 13
S 14	17 28 19	23° 3'14	6 <sup>II</sup> 3	29°12	11°40	18°58	27°58	14°14	5°58	18°52	16°45	3°46	4°17	8° 6	11°51	S 14
S 15	17 32 16	24° 0'45	19°43	0 <sup>II</sup> 5	12°17	19°37	27°56	14°10	6° 0	18°50	16°46	3°44	4°14	8°13	11°51	S 15
M 16	17 36 12	24°58'15	3 <sup>II</sup> 10	1° 1	12°54	20°16	27°54	14° 6	6° 2	18°49	16°48	3°43	4°10	8°19	11°52	M 16
T 17	17 40 9	25°55'44	16°22	2° 1	13°33	20°55	27°53	14° 1	6° 4	18°47	16°49	3°42	4° 7	8°26	11°53	T 17
W 18	17 44 6	26°53'13	29°20	3° 4	14°13	21°34	27°51	13°57	6° 5	18°45	16°50	3°D42	4° 4	8°33	11°54	W 18
T 19	17 48 2	27°50'40	12 <sup>II</sup> 2	4°11	14°54	22°13	27°50	13°53	6° 7	18°44	16°52	3°42	4° 1	8°40	11°55	T 19
F 20	17 51 59	28°48'07	24°30	5°20	15°36	22°51	27°49	13°48	6° 9	18°42	16°53	3°43	3°58	8°46	11°56	F 20
S 21	17 55 55	29°45'32	6 <sup>II</sup> 45	6°33	16°19	23°30	27°48	13°44	6°11	18°41	16°54	3°43	3°54	8°53	11°57	S 21
S 22	17 59 52	0 <sup>II</sup> 42'57	18°49	7°49	17° 3	24° 9	27°48	13°40	6°13	18°39	16°56	3°43	3°51	9° 0	11°58	S 22
M 23	18 3 48	1°40'20	0 <sup>III</sup> 45	9° 9	17°48	24°48	27°47	13°36	6°15	18°37	16°57	3°44	3°48	9° 6	12° 0	M 23
T 24	18 7 45	2°37'43	12°38	10°31	18°34	25°26	27°47	13°32	6°17	18°36	16°58	3°44	3°45	9°13	12° 1	T 24
W 25	18 11 41	3°35'05	24°30	11°56	19°20	26° 5	27°D47	13°28	6°19	18°34	17° 0	3°R44	3°42	9°20	12° 3	W 25
T 26	18 15 38	4°32'25	6 <sup>II</sup> 48	13°24	20° 7	26°44	27°47	13°24	6°22	18°33	17° 1	3°D44	3°39	9°27	12° 5	T 26
F 27	18 19 35	5°29'45	18°35	14°56	20°55	27°23	27°47	13°20	6°24	18°31	17° 2	3°44	3°35	9°33	12° 7	F 27
S 28	18 23 31	6°27'04	0 <sup>III</sup> 56	16°30	21°44	28° 1	27°48	13°16	6°26	18°30	17° 4	3°44	3°32	9°40	12° 9	S 28
S 29	18 27 28	7°24'22	13°34	18° 7	22°33	28°40	27°49	13°12	6°28	18°28	17° 5	3°44	3°29	9°47	12°11	S 29
M 30	18 31 24	8°21'40	26 <sup>III</sup> 33	19 <sup>II</sup> 48	23 <sup>II</sup> 24	29°518	27°49	13°8	6 <sup>III</sup> 31	18°27	17 <sup>II</sup> 6	3°45	3°26	9 <sup>III</sup> 53	12°13	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
S 1	21n57	9s 8	4n27	15n33	3s14	12n50	0s39	24n 3	1n 7	9s38	1n24	20s38	1n55	10n 7	0n46	S 1
M 2	22 5 13	41 3	44 3	15 24	3 22	12 46	0 49	24 0	1 7	9 37	1 24	20 37	1 55	10 6	0 46	M 2
T 3	22 13 17	42 2	47 15	18 3	30 12	43 0	58 23	57 1	7 9	36 1	24 20	37 1	55 10	6 0	46 21	T 3
W 4	22 20 20	52 1	40 15	13 3	36 12	42 1	7 23	53 1	7 9	35 1	24 20	36 1	55 10	5 0	46 21	W 4
T 5	22 27 22	55 0	26 15	11 3	41 12	40 1	16 23	50 1	7 9	34 1	23 20	36 1	55 10	5 0	46 21	T 5
F 6	22 33 23	34 0	50 15	11 3	45 12	40 1	24 23	46 1	8 9	33 1	23 20	35 1	55 10	4 0	46 21	F 6
S 7	22 39 22	43 2	5 15	13 3	48 12	41 1	32 23	42 1	8 9	32 1	23 20	35 1	55 10	4 0	46 21	S 7
S 8	22 45 20	25 3	13 15	17 3	50 12	42 1	40 23	38 1	8 9	31 1	23 20	35 1	55 10	3 0	46 21	S 8
M 9	22 50 16	51 4	8 15	23 3	52 12	44 1	47 23	33 1	8 9	30 1	22 20	34 1	55 10	3 0	46 21	M 9
T 10	22 55 12	19 4	49 15	30 3	52 12	47 1	54 23	29 1	8 9	29 1	22 20	34 1	55 10	2 0	46 21	T 10
W 11	23 0 7	8 5	11 15	39 3	51 12	51 2	0 23	24 1	8 9	29 1	22 20	33 1	55 10	2 0	46 21	W 11
T 12	23 4 1	36 5	15 15	50 3	49 12	55 2	7 23	19 1	8 9	28 1	22 20	33 1	55 10	1 0	46 21	T 12
F 13	23 7 3n58	5 0	16 2	3 47	13 0	2 13	23 14	1 8	9 27	1 21	20 32	1 55	10 0	0 46	21	F 13
S 14	23 10 9	17 4	27 16	16 3	44 13	5 2	18 23	9 1	8 9	27 1	21 20	32 1	54 10	0 0	46 21	S 14
S 15	23 13 14	4 3	40 16	31 3	40 13	11 2	24 23	4 1	9 9	26 1	21 20	32 1	54 9	59 0	46 21	S 15
M 16	23 16 18	5 2	41 16	47 3	35 13	18 2	29 22	58 1	9 9	26 1	21 20	31 1	54 9	59 0	46 21	M 16
T 17	23 18 21	6 1	35 17	4 3	30 13	25 2	33 22	52 1	9 9	26 1	20 31	1 54	9 58	0 46	21	T 17
W 18	23 19 22	57 0	24 17	22 3	24 13	32 2	38 22	46 1	9 9	26 1	20 30	1 54	9 57	0 45	21	W 18
T 19	23 20 23	35 0n46	17 41	3 17	13 40	2 42	22 40	1 9	9 25	1 20	20 30	1 54	9 56	0 45	21	T 19
F 20	23 21 23	0 1	53 18	0 3	10 13	48 2	46 22	34 1	9 9	25 1	20 20	30 1	54 9	56 0	45 21	F 20
S 21	23 21 21	19 2	53 18	20 3	2 13	57 2	50 22	27 1	9 9	25 1	19 20	29 1	54 9	55 0	45 21	S 21
S 22	23 21 18	42 3	45 18	41 2	54 14	6 2	54 22	21 1	9 9	25 1	19 20	29 1	54 9	54 0	45 21	S 22
M 23	23 21 15	19 4	26 19	1 2	45 14	15 2	57 22	14 1	9 9	25 1	19 20	29 1	54 9	53 0	45 21	M 23
T 24	23 20 11	21 4	56 19	22 2	36 14	24 3	0 22	7 1	9 9	26 1	19 20	28 1	53 9	53 0	45 21	T 24
W 25	23 18 6	58 5	13 19	44 2	26 14	34 3	3 22	0 1	9 9	26 1	18 20	28 1	53 9	52 0	45 21	W 25
T 26	23 17 2	17 5	17 20	5 2	16 14	44 3	5 21	52 1	9 9	26 1	18 20	27 1	53 9	51 0	45 21	T 26
F 27	23 15 2s32	5 6	20 26	2 6	14 54	3 8	21 45	1 9	9 26	1 18	20 27	1 53	9 50	0 45	21	F 27
S 28	23 12 7	21 4	42 20	46 1	55 15	5 3	10 21	37 1	10 9	27 1	18 20	27 1	53 9	49 0	45 21	S 28
S 29	23 9 11	59 4	4 21	6 1	44 15	15 3	12 21	30 1	10 9	27 1	17 20	26 1	53 9	48 0	45 21	S 29
M 30	23n 6	16s12	3n12	21n26	1s33	15n26	3s14	21n22	1n10	9s28	1n17	20s26	1n53	9n47	0n45	M 30

Julian Day Number = 2683259.5, Delta T = 22m30s

Ecliptic obliquity = 23°21'24", Nutation = - 0°00'18"

Ayanamsha: Fagan/Bradley = 33°36'52", Lahiri = 32°43'52"



## ASTRODIENST EPHEMERIS for the year 2634

AUGUST 2634

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	20 37 34	8♂53'50	0♂37	24♂19	24♂19	19♂48	29♂45	11°R42	8♂ 4	17°R48	17♂42	3°R22	1♂44	13♂28	14♂19	F 1
S 2	20 41 31	9°51'06	15°32	26° 7	25°23	20°26	29°51	11°R40	8° 8	17°R47	17°43	3♂19	1°41	13°35	14°24	S 2
S 3	20 45 27	10°48'24	0♂36	27°53	26°26	21° 4	29°58	11°39	8°11	17°46	17°44	3°14	1°38	13°42	14°30	S 3
M 4	20 49 24	11°45'42	15°40	29°38	27°30	21°42	0♂ 4	11°38	8°15	17°45	17°45	3° 8	1°35	13°48	14°35	M 4
T 5	20 53 20	12°43'00	0°Y34	1♂21	28°34	22°20	0°11	11°37	8°18	17°44	17°46	3° 3	1°32	13°55	14°41	T 5
W 6	20 57 17	13°40'20	15°12	3° 1	29°39	22°59	0°17	11°36	8°21	17°44	17°47	2°59	1°28	14° 2	14°47	W 6
T 7	21 1 13	14°37'41	29°28	4°41	0♂43	23°37	0°24	11°35	8°25	17°43	17°47	2°56	1°25	14° 9	14°52	T 7
F 8	21 5 10	15°35'02	13♂20	6°18	1°48	24°15	0°31	11°34	8°29	17°42	17°48	2°D55	1°22	14°15	14°58	F 8
S 9	21 9 7	16°32'25	26°48	7°53	2°53	24°53	0°38	11°33	8°32	17°42	17°49	2°55	1°19	14°22	15° 4	S 9
S 10	21 13 3	17°29'48	9♂55	9°27	3°58	25°31	0°46	11°33	8°36	17°41	17°50	2°57	1°16	14°29	15°10	S 10
M11	21 17 0	18°27'13	22°44	10°59	5° 4	26°10	0°53	11°32	8°39	17°40	17°51	2°58	1°12	14°35	15°17	M11
T 12	21 20 56	19°24'39	5♂17	12°30	6° 9	26°48	1° 1	11°32	8°43	17°40	17°51	2°R58	1° 9	14°42	15°23	T 12
W13	21 24 53	20°22'06	17°38	13°58	7°15	27°26	1° 8	11°32	8°46	17°39	17°52	2°57	1° 6	14°49	15°29	W13
T 14	21 28 49	21°19'34	29°50	15°25	8°21	28° 4	1°16	11°31	8°50	17°39	17°53	2°54	1° 3	14°56	15°35	T 14
F 15	21 32 46	22°17'02	11♂54	16°50	9°27	28°42	1°24	11°31	8°54	17°38	17°53	2°48	1° 0	15° 2	15°42	F 15
S 16	21 36 42	23°14'32	23°52	18°13	10°34	29°21	1°32	11°D31	8°57	17°38	17°54	2°41	0°57	15° 9	15°48	S 16
S 17	21 40 39	24°12'03	5♂47	19°34	11°40	29°59	1°40	11°31	9° 1	17°37	17°55	2°32	0°53	15°16	15°55	S 17
M18	21 44 36	25° 9'34	17°38	20°53	12°47	0♂37	1°48	11°32	9° 5	17°37	17°55	2°22	0°50	15°22	16° 2	M18
T 19	21 48 32	26° 7'06	29°30	22°11	13°53	1°15	1°57	11°32	9° 8	17°37	17°56	2°12	0°47	15°29	16° 8	T 19
W20	21 52 29	27° 4'40	11♂22	23°26	15° 0	1°53	2° 5	11°32	9°12	17°36	17°57	2° 3	0°44	15°36	16°15	W20
T 21	21 56 25	28° 2'14	23°19	24°39	16° 8	2°31	2°14	11°33	9°16	17°36	17°57	1°56	0°41	15°43	16°22	T 21
F 22	22 0 22	28°59'49	5♂23	25°50	17°15	3°10	2°22	11°33	9°19	17°36	17°58	1°50	0°38	15°49	16°29	F 22
S 23	22 4 18	29°57'25	17°39	26°59	18°22	3°48	2°31	11°34	9°23	17°35	17°58	1°48	0°34	15°56	16°36	S 23
S 24	22 8 15	0♂55'01	0♂10	28° 5	19°30	4°26	2°40	11°35	9°27	17°35	17°59	1°D47	0°31	16° 3	16°43	S 24
M25	22 12 11	1°52'39	13° 2	29° 9	20°37	5° 4	2°49	11°36	9°30	17°35	17°59	1°47	0°28	16° 9	16°50	M25
T 26	22 16 8	2°50'18	26°17	0♂11	21°45	5°42	2°58	11°37	9°34	17°35	18° 0	1°R48	0°25	16°16	16°57	T 26
W27	22 20 5	3°47'58	10♂0	1°10	22°53	6°20	3° 8	11°38	9°38	17°35	18° 0	1°48	0°22	16°23	17° 4	W27
T 28	22 24 1	4°45'38	24°12	2° 6	24° 1	6°59	3°17	11°39	9°42	17°35	18° 1	1°46	0°18	16°30	17°11	T 28
F 29	22 27 58	5°43'20	8♂52	2°59	25°10	7°37	3°26	11°40	9°45	17°35	18° 1	1°42	0°15	16°36	17°19	F 29
S 30	22 31 54	6°41'03	23°53	3°49	26°18	8°15	3°36	11°42	9°49	17°D35	18° 1	1°35	0°12	16°43	17°26	S 30
S 31	22 35 51	7♂38'47	9♂ 9	4♂36	27♂27	8♂53	3♂45	11♂43	9♂53	17♂35	18♂ 2	1♂26	0♂ 9	16♂50	17♂33	S 31

Day	☉	☾		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	17n58	22s16	2s23	14n52	1n35	20n26	2s49	15n56	1n 9	10s16	1n 9	20s21	1n46	9n12	0n44	21s18	1n30	11n19	11s31	23n19	23n21	10n59	6s37	1s 5	
S 2	17 43	19 27	3 29	14 11	1 31	20 31	2 46	15 43	1 9	10 19	1 9	20 21	1 46	9 11	0 44	21 18	1 30	11 19	11 31	23 19	23 21	10 57	6 39	1 5	
S 3	17 28	15 18	4 21	13 31	1 26	20 35	2 43	15 31	1 9	10 21	1 9	20 21	1 46	9 9	0 44	21 18	1 30	11 19	11 31	23 19	23 21	10 55	6 41	1 4	
M 4	17 12	10 11	4 56	12 49	1 21	20 40	2 40	15 19	1 9	10 23	1 8	20 21	1 46	9 8	0 44	21 18	1 30	11 19	11 31	23 19	23 21	10 52	6 43	1 4	
T 5	16 56	4 31	5 10	12 8	1 15	20 43	2 38	15 6	1 9	10 26	1 8	20 21	1 46	9 7	0 44	21 18	1 30	11 19	11 32	23 19	23 21	10 50	6 44	1 3	
W 6	16 40	1n18	5 3	11 26	1 9	20 47	2 35	14 54	1 9	10 29	1 8	20 21	1 45	9 5	0 44	21 18	1 30	11 19	11 32	23 19	23 21	10 48	6 46	1 3	
T 7	16 23	6 55	4 38	10 44	1 2	20 50	2 32	14 41	1 9	10 31	1 8	20 22	1 45	9 4	0 44	21 18	1 30	11 19	11 32	23 19	23 21	10 45	6 48	1 2	
F 8	16 7	12 1	3 56	10 2	0 56	20 52	2 29	14 29	1 9	10 34	1 7	20 22	1 45	9 3	0 44	21 18	1 30	11 19	11 32	23 19	23 21	10 43	6 50	1 2	
S 9	15 49	16 24	3 3	9 20	0 48	20 54	2 26	14 16	1 9	10 36	1 7	20 22	1 45	9 1	0 44	21 18	1 30	11 18	11 32	23 19	23 21	10 40	6 52	1 2	
S 10	15 32	19 52	2 1	8 38	0 41	20 56	2 22	14 3	1 9	10 39	1 7	20 22	1 44	9 0	0 44	21 18	1 30	11 18	11 32	23 19	23 21	10 38	6 54	1 1	
M11	15 15	22 14	0 55	7 56	0 33	20 57	2 19	13 50	1 9	10 42	1 7	20 22	1 44	8 59	0 44	21 18	1 30	11 18	11 33	23 19	23 21	10 36	6 56	1 1	
T 12	14 57	23 28	0n13	7 14	0 25	20 57	2 16	13 37	1 9	10 45	1 7	20 22	1 44	8 57	0 44	21 18	1 30	11 18	11 33	23 19	23 21	10 33	6 58	1 0	
W13	14 39	23 30	1 18	6 32	0 16	20 57	2 13	13 24	1 9	10 48	1 6	20 22	1 44	8 56	0 44	21 18	1 30	11 18	11 33	23 19	23 21	10 31	7 0	1 0	
T 14	14 21	22 23	2 20	5 51	0 8	20 57	2 9	13 10	1 8	10 50	1 6	20 23	1 44	8 55	0 44	21 18	1 30	11 18	11 33	23 20	23 21	10 29	7 2	1 0	
F 15	14 2	20 16	3 14	5 10	0s 1	20 56	2 6	12 57	1 8	10 53	1 6	20 23	1 43	8 53	0 44	21 18	1 30	11 18	11 33	23 20	23 21	10 26	7 4	0 59	
S 16	13 43	17 16	3 59	4 29	0 10	20 54	2 2	12 44	1 8	10 56	1 6	20 23	1 43	8 52	0 44	21 18	1 30	11 18	11 34	23 20	23 21	10 24	7 6	0 59	
S 17	13 25	13 35	4 33	3 49	0 20	20 52	1 59	12 30	1 8	10 59	1 5	20 23	1 43	8 51	0 44	21 18	1 30	11 17	11 34	23 20	23 21	10 21	7 8	0 58	
M18	13 5	9 24	4 55	3 9	0 29	20 50	1 55	12 17	1 8	11 2	1 5	20 24	1 43	8 49	0 44	21 18	1 30	11 17	11 34	23 20	23 21	10 19	7 11	0 58	
T 19	12 46	4 52	5 5	2 30	0 39	20 47	1 52	12 3	1 8	11 5	1 5	20 24	1 42	8 48	0 44	21 18	1 30	11 17	11 34	23 20	23 21	10 17	7 13	0 58	
W20	12 27	0 8	5 1	1 51	0 49	20 43	1 48	11 49	1 8	11 8	1 5	20 24	1 42	8 46	0 44	21 18	1 29	11 17	11 34	23 20	23 21	10 14	7 15	0 57	
T 21	12 7	4s37	4 44	1 13	0 59	20 39	1 45	11 36	1 8	11 12	1 5	20 24	1 42	8 45	0 44	21 18	1 29	11 17	11 34	23 21	23 21	10 12	7 17	0 57	
F 22	11 47	9 16	4 15	0 35	1 9	20 35	1 41	11 22	1 8	11 15	1 5	20 25	1 42	8 44	0 44	21 18	1 29	11 17	11 35	23 21	23 21	10 9	7 20	0 57	
S 23	11 27	13 37	3 33	0s 1	1 20	20 30	1 37	11 8	1 8	11 18	1 4	20 25	1 42	8 42	0 44	21 18	1 29	11 17	11 35	23 21	23 21	10 7	7 22	0 56	
S 24	11 7	17 30	2 41	0 37	1 30	20 24	1 34	10 54	1 7	11 21	1 4	20 25	1 41	8 41	0 44	21 18	1 29	11 16	11 35	23 21	23 21	10 5	7 24	0 56	
M25	10 46	20 39	1 39	1 12	1 40	20 18	1 30	10 40	1 7	11 24	1 4	20 26	1 41	8 39	0 44	21 18	1 29	11 16	11 35	23 21	23 21	10 2	7 27	0 55	
T 26	10 26	22 49	0 29	1 46	1 51	20 11	1 26	10 26	1 7	11 28	1 4	20 26	1 41	8 38	0 44	21 18	1 29	11 16	11 35	23 21	23 21	10 0	7 29	0 55	
W27	10 5	23 42	0s44	2 19	2 1	20 4	1 22	10 12	1 7	11 31	1 4	20 26	1 41	8 37	0 44	21 18	1 29	11 16	11 36	23 21	23 21	9 57	7 31	0 55	
T 28	9 44	23 7	1 56	2 51	2 12	19 56	1 19	9 57	1 7	11 34	1 3	20 27	1 40	8 35	0 44	21 18	1 29	11 16	11 36	23 21	23 21	9 55	7 34	0 54	
F 29	9 23	20 56	3 4	3 21	2 22	19 48	1 15	9 43	1 7	11 38	1 3	20 27	1 40	8 34	0 44	21 18	1 29	11 16	11 36	23 21	23 21	9 53	7 36	0 54	
S 30	9 2	17 17	4 0	3 51	2 32	19 39	1 11	9 29	1 7	11 41	1 3	20 28	1 40	8 32	0 44	21 18	1 29	11 15	11 36	23 21	23 21	9 50	7 39	0 54	
S 31	8n40	12s26	4s40	4s19	2s43	19n30	1s 7	9n14	1n 7	11s44	1n 3	20s28	1n40	8n31	0n44	21s18	1n29	11n15	11s36	23n21	23n21	9n48	7s41	0s53	

## ASTRODIENST EPHEMERIS for the year 2634

SEPTEMBER 2634

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	22 39 47	8 <sup>h</sup> 36'32"	24 <sup>h</sup> 32'28"	5 <sup>h</sup> 20'20"	28 <sup>h</sup> 35'35"	9 <sup>h</sup> 31'31"	3 <sup>h</sup> 55'55"	11 <sup>h</sup> 45'45"	9 <sup>h</sup> 57'57"	17 <sup>h</sup> 35'35"	18 <sup>h</sup> 11'11"	1 <sup>h</sup> 17'17"	0 <sup>h</sup> 05'05"	16 <sup>h</sup> 56'56"	17 <sup>h</sup> 41'41"	M 1
T 2	22 43 44	9 <sup>h</sup> 34'19"	9 <sup>h</sup> 39'39"	6 <sup>h</sup> 0'0"	29 <sup>h</sup> 44'44"	10 <sup>h</sup> 9'9"	4 <sup>h</sup> 5'5"	11 <sup>h</sup> 46'46"	10 <sup>h</sup> 0'0"	17 <sup>h</sup> 35'35"	18 <sup>h</sup> 3'3"	1 <sup>h</sup> 05'05"	0 <sup>h</sup> 3'3"	17 <sup>h</sup> 3'3"	17 <sup>h</sup> 48'48"	T 2
W 3	22 47 40	10 <sup>h</sup> 32'07"	24 <sup>h</sup> 32'32"	6 <sup>h</sup> 36'36"	0 <sup>h</sup> 53'53"	10 <sup>h</sup> 47'47"	4 <sup>h</sup> 15'15"	11 <sup>h</sup> 48'48"	10 <sup>h</sup> 4'4"	17 <sup>h</sup> 35'35"	18 <sup>h</sup> 3'3"	0 <sup>h</sup> 59'59"	29 <sup>h</sup> 59'59"	17 <sup>h</sup> 10'10"	17 <sup>h</sup> 56'56"	W 3
T 4	22 51 37	11 <sup>h</sup> 29'57"	9 <sup>h</sup> 3'1"	7 <sup>h</sup> 8'8"	2 <sup>h</sup> 2'2"	11 <sup>h</sup> 26'26"	4 <sup>h</sup> 25'25"	11 <sup>h</sup> 50'50"	10 <sup>h</sup> 8'8"	17 <sup>h</sup> 35'35"	18 <sup>h</sup> 3'3"	0 <sup>h</sup> 53'53"	29 <sup>h</sup> 56'56"	17 <sup>h</sup> 17'17"	18 <sup>h</sup> 4'4"	T 4
F 5	22 55 33	12 <sup>h</sup> 27'49"	23 <sup>h</sup> 0'0"	7 <sup>h</sup> 35'35"	3 <sup>h</sup> 11'11"	12 <sup>h</sup> 4'4"	4 <sup>h</sup> 35'35"	11 <sup>h</sup> 52'52"	10 <sup>h</sup> 12'12"	17 <sup>h</sup> 35'35"	18 <sup>h</sup> 3'3"	0 <sup>h</sup> 50'50"	29 <sup>h</sup> 53'53"	17 <sup>h</sup> 23'23"	18 <sup>h</sup> 11'11"	F 5
S 6	22 59 30	13 <sup>h</sup> 25'42"	6 <sup>h</sup> 11'32"	7 <sup>h</sup> 58'58"	4 <sup>h</sup> 21'21"	12 <sup>h</sup> 42'42"	4 <sup>h</sup> 45'45"	11 <sup>h</sup> 54'54"	10 <sup>h</sup> 15'15"	17 <sup>h</sup> 36'36"	18 <sup>h</sup> 4'4"	0 <sup>h</sup> 48'48"	29 <sup>h</sup> 50'50"	17 <sup>h</sup> 30'30"	18 <sup>h</sup> 19'19"	S 6
S 7	23 3 27	14 <sup>h</sup> 23'37"	19 <sup>h</sup> 37'37"	8 <sup>h</sup> 17'17"	5 <sup>h</sup> 30'30"	13 <sup>h</sup> 20'20"	4 <sup>h</sup> 55'55"	11 <sup>h</sup> 56'56"	10 <sup>h</sup> 19'19"	17 <sup>h</sup> 36'36"	18 <sup>h</sup> 4'4"	0 <sup>h</sup> 48'48"	29 <sup>h</sup> 47'47"	17 <sup>h</sup> 37'37"	18 <sup>h</sup> 27'27"	S 7
M 8	23 7 23	15 <sup>h</sup> 21'35"	2 <sup>h</sup> 50'20"	8 <sup>h</sup> 30'30"	6 <sup>h</sup> 40'40"	13 <sup>h</sup> 58'58"	5 <sup>h</sup> 6'6"	11 <sup>h</sup> 58'58"	10 <sup>h</sup> 23'23"	17 <sup>h</sup> 36'36"	18 <sup>h</sup> 4'4"	0 <sup>h</sup> 48'48"	29 <sup>h</sup> 44'44"	17 <sup>h</sup> 43'43"	18 <sup>h</sup> 34'34"	M 8
T 9	23 11 20	16 <sup>h</sup> 19'33"	14 <sup>h</sup> 45'45"	8 <sup>h</sup> 37'37"	7 <sup>h</sup> 49'49"	14 <sup>h</sup> 36'36"	5 <sup>h</sup> 16'16"	12 <sup>h</sup> 0'0"	10 <sup>h</sup> 27'27"	17 <sup>h</sup> 36'36"	18 <sup>h</sup> 4'4"	0 <sup>h</sup> 48'48"	29 <sup>h</sup> 40'40"	17 <sup>h</sup> 50'50"	18 <sup>h</sup> 42'42"	T 9
W10	23 15 16	17 <sup>h</sup> 17'34"	26 <sup>h</sup> 57'57"	8 <sup>h</sup> 40'40"	8 <sup>h</sup> 59'59"	15 <sup>h</sup> 15'15"	5 <sup>h</sup> 27'27"	12 <sup>h</sup> 3'3"	10 <sup>h</sup> 30'30"	17 <sup>h</sup> 37'37"	18 <sup>h</sup> 5'5"	0 <sup>h</sup> 45'45"	29 <sup>h</sup> 37'37"	17 <sup>h</sup> 57'57"	18 <sup>h</sup> 50'50"	W10
T 11	23 19 13	18 <sup>h</sup> 15'37"	9 <sup>h</sup> 0'0"	8 <sup>h</sup> 36'36"	10 <sup>h</sup> 9'9"	15 <sup>h</sup> 53'53"	5 <sup>h</sup> 37'37"	12 <sup>h</sup> 5'5"	10 <sup>h</sup> 34'34"	17 <sup>h</sup> 37'37"	18 <sup>h</sup> 5'5"	0 <sup>h</sup> 40'40"	29 <sup>h</sup> 34'34"	18 <sup>h</sup> 4'4"	18 <sup>h</sup> 58'58"	T 11
F 12	23 23 9	19 <sup>h</sup> 13'41"	20 <sup>h</sup> 56'56"	8 <sup>h</sup> 26'26"	11 <sup>h</sup> 19'19"	16 <sup>h</sup> 31'31"	5 <sup>h</sup> 48'48"	12 <sup>h</sup> 8'8"	10 <sup>h</sup> 38'38"	17 <sup>h</sup> 38'38"	18 <sup>h</sup> 5'5"	0 <sup>h</sup> 32'32"	29 <sup>h</sup> 31'31"	18 <sup>h</sup> 10'10"	19 <sup>h</sup> 6'6"	F 12
S 13	23 27 6	20 <sup>h</sup> 11'47"	2 <sup>h</sup> 49'49"	8 <sup>h</sup> 10'10"	12 <sup>h</sup> 29'29"	17 <sup>h</sup> 9'9"	5 <sup>h</sup> 59'59"	12 <sup>h</sup> 10'10"	10 <sup>h</sup> 42'42"	17 <sup>h</sup> 38'38"	18 <sup>h</sup> 5'5"	0 <sup>h</sup> 21'21"	29 <sup>h</sup> 28'28"	18 <sup>h</sup> 17'17"	19 <sup>h</sup> 14'14"	S 13
S 14	23 31 2	21 <sup>h</sup> 9'54"	14 <sup>h</sup> 41'41"	7 <sup>h</sup> 48'48"	13 <sup>h</sup> 40'40"	17 <sup>h</sup> 47'47"	6 <sup>h</sup> 10'10"	12 <sup>h</sup> 13'13"	10 <sup>h</sup> 45'45"	17 <sup>h</sup> 39'39"	18 <sup>h</sup> 5'5"	0 <sup>h</sup> 8'8"	29 <sup>h</sup> 24'24"	18 <sup>h</sup> 24'24"	19 <sup>h</sup> 22'22"	S 14
M15	23 34 59	22 <sup>h</sup> 8'03"	26 <sup>h</sup> 32'32"	7 <sup>h</sup> 19'19"	14 <sup>h</sup> 50'50"	18 <sup>h</sup> 26'26"	6 <sup>h</sup> 21'21"	12 <sup>h</sup> 16'16"	10 <sup>h</sup> 49'49"	17 <sup>h</sup> 39'39"	18 <sup>h</sup> 5'5"	29 <sup>h</sup> 21'21"	29 <sup>h</sup> 21'21"	18 <sup>h</sup> 31'31"	19 <sup>h</sup> 30'30"	M15
T 16	23 38 56	23 <sup>h</sup> 6'14"	8 <sup>h</sup> 26'26"	6 <sup>h</sup> 45'45"	16 <sup>h</sup> 0'0"	19 <sup>h</sup> 4'4"	6 <sup>h</sup> 32'32"	12 <sup>h</sup> 19'19"	10 <sup>h</sup> 53'53"	17 <sup>h</sup> 40'40"	18 <sup>h</sup> 5'5"	29 <sup>h</sup> 20'20"	29 <sup>h</sup> 18'18"	18 <sup>h</sup> 37'37"	19 <sup>h</sup> 38'38"	T 16
W17	23 42 52	24 <sup>h</sup> 4'26"	20 <sup>h</sup> 23'23"	6 <sup>h</sup> 4'4"	17 <sup>h</sup> 11'11"	19 <sup>h</sup> 42'42"	6 <sup>h</sup> 43'43"	12 <sup>h</sup> 22'22"	10 <sup>h</sup> 56'56"	17 <sup>h</sup> 40'40"	18 <sup>h</sup> 5'5"	29 <sup>h</sup> 27'27"	29 <sup>h</sup> 15'15"	18 <sup>h</sup> 44'44"	19 <sup>h</sup> 46'46"	W17
T 18	23 46 49	25 <sup>h</sup> 2'40"	2 <sup>h</sup> 12'24"	5 <sup>h</sup> 18'18"	18 <sup>h</sup> 22'22"	20 <sup>h</sup> 20'20"	6 <sup>h</sup> 54'54"	12 <sup>h</sup> 25'25"	11 <sup>h</sup> 0'0"	17 <sup>h</sup> 41'41"	18 <sup>h</sup> 5'5"	29 <sup>h</sup> 16'16"	29 <sup>h</sup> 12'12"	18 <sup>h</sup> 51'51"	19 <sup>h</sup> 55'55"	T 18
F 19	23 50 45	26 <sup>h</sup> 0'56"	14 <sup>h</sup> 32'32"	4 <sup>h</sup> 27'27"	19 <sup>h</sup> 32'32"	20 <sup>h</sup> 58'58"	7 <sup>h</sup> 5'5"	12 <sup>h</sup> 28'28"	11 <sup>h</sup> 4'4"	17 <sup>h</sup> 41'41"	18 <sup>h</sup> 5'5"	29 <sup>h</sup> 8'8"	29 <sup>h</sup> 9'9"	18 <sup>h</sup> 57'57"	20 <sup>h</sup> 3'3"	F 19
S 20	23 54 42	26 <sup>h</sup> 59'13"	26 <sup>h</sup> 51'51"	3 <sup>h</sup> 32'32"	20 <sup>h</sup> 43'43"	21 <sup>h</sup> 37'37"	7 <sup>h</sup> 16'16"	12 <sup>h</sup> 31'31"	11 <sup>h</sup> 7'7"	17 <sup>h</sup> 42'42"	18 <sup>h</sup> 5'5"	29 <sup>h</sup> 3'3"	29 <sup>h</sup> 5'5"	19 <sup>h</sup> 4'4"	20 <sup>h</sup> 11'11"	S 20
S 21	23 58 38	27 <sup>h</sup> 57'32"	9 <sup>h</sup> 22'22"	2 <sup>h</sup> 34'34"	21 <sup>h</sup> 54'54"	22 <sup>h</sup> 15'15"	7 <sup>h</sup> 28'28"	12 <sup>h</sup> 35'35"	11 <sup>h</sup> 11'11"	17 <sup>h</sup> 43'43"	18 <sup>h</sup> 5'5"	29 <sup>h</sup> 1'1"	29 <sup>h</sup> 2'2"	19 <sup>h</sup> 11'11"	20 <sup>h</sup> 19'19"	S 21
M22	0 2 35	28 <sup>h</sup> 55'52"	22 <sup>h</sup> 11'11"	1 <sup>h</sup> 33'33"	23 <sup>h</sup> 5'5"	22 <sup>h</sup> 53'53"	7 <sup>h</sup> 39'39"	12 <sup>h</sup> 38'38"	11 <sup>h</sup> 15'15"	17 <sup>h</sup> 43'43"	18 <sup>h</sup> 5'5"	29 <sup>h</sup> 0'0"	28 <sup>h</sup> 59'59"	19 <sup>h</sup> 18'18"	20 <sup>h</sup> 28'28"	M22
T 23	0 6 31	29 <sup>h</sup> 54'14"	5 <sup>h</sup> 23'23"	0 <sup>h</sup> 32'32"	24 <sup>h</sup> 16'16"	23 <sup>h</sup> 31'31"	7 <sup>h</sup> 51'51"	12 <sup>h</sup> 42'42"	11 <sup>h</sup> 18'18"	17 <sup>h</sup> 44'44"	18 <sup>h</sup> 5'5"	29 <sup>h</sup> 0'0"	28 <sup>h</sup> 56'56"	19 <sup>h</sup> 24'24"	20 <sup>h</sup> 36'36"	T 23
W24	0 10 28	0 <sup>h</sup> 52'38"	18 <sup>h</sup> 55'55"	29 <sup>h</sup> 31'31"	25 <sup>h</sup> 28'28"	24 <sup>h</sup> 9'9"	8 <sup>h</sup> 2'2"	12 <sup>h</sup> 45'45"	11 <sup>h</sup> 22'22"	17 <sup>h</sup> 45'45"	18 <sup>h</sup> 5'5"	28 <sup>h</sup> 59'59"	28 <sup>h</sup> 53'53"	19 <sup>h</sup> 31'31"	20 <sup>h</sup> 44'44"	W24
T 25	0 14 25	1 <sup>h</sup> 51'02"	2 <sup>h</sup> 55'57"	28 <sup>h</sup> 33'33"	26 <sup>h</sup> 39'39"	24 <sup>h</sup> 48'48"	8 <sup>h</sup> 14'14"	12 <sup>h</sup> 49'49"	11 <sup>h</sup> 26'26"	17 <sup>h</sup> 46'46"	18 <sup>h</sup> 5'5"	28 <sup>h</sup> 57'57"	28 <sup>h</sup> 49'49"	19 <sup>h</sup> 38'38"	20 <sup>h</sup> 53'53"	T 25
F 26	0 18 21	2 <sup>h</sup> 49'29"	17 <sup>h</sup> 26'26"	27 <sup>h</sup> 37'37"	27 <sup>h</sup> 50'50"	25 <sup>h</sup> 26'26"	8 <sup>h</sup> 25'25"	12 <sup>h</sup> 53'53"	11 <sup>h</sup> 29'29"	17 <sup>h</sup> 47'47"	18 <sup>h</sup> 4'4"	28 <sup>h</sup> 52'52"	28 <sup>h</sup> 46'46"	19 <sup>h</sup> 44'44"	21 <sup>h</sup> 1'1"	F 26
S 27	0 22 18	3 <sup>h</sup> 47'57"	2 <sup>h</sup> 19'19"	26 <sup>h</sup> 47'47"	29 <sup>h</sup> 2'2"	26 <sup>h</sup> 4'4"	8 <sup>h</sup> 37'37"	12 <sup>h</sup> 57'57"	11 <sup>h</sup> 33'33"	17 <sup>h</sup> 48'48"	18 <sup>h</sup> 4'4"	28 <sup>h</sup> 45'45"	28 <sup>h</sup> 43'43"	19 <sup>h</sup> 51'51"	21 <sup>h</sup> 10'10"	S 27
S 28	0 26 14	4 <sup>h</sup> 46'26"	17 <sup>h</sup> 29'29"	26 <sup>h</sup> 3'3"	0 <sup>h</sup> 13'13"	26 <sup>h</sup> 42'42"	8 <sup>h</sup> 49'49"	13 <sup>h</sup> 0'0"	11 <sup>h</sup> 36'36"	17 <sup>h</sup> 49'49"	18 <sup>h</sup> 4'4"	28 <sup>h</sup> 35'35"	28 <sup>h</sup> 40'40"	19 <sup>h</sup> 58'58"	21 <sup>h</sup> 18'18"	S 28
M29	0 30 11	5 <sup>h</sup> 44'58"	2 <sup>h</sup> 48'48"	25 <sup>h</sup> 26'26"	1 <sup>h</sup> 25'25"	27 <sup>h</sup> 21'21"	9 <sup>h</sup> 1'1"	13 <sup>h</sup> 4'4"	11 <sup>h</sup> 40'40"	17 <sup>h</sup> 50'50"	18 <sup>h</sup> 4'4"	28 <sup>h</sup> 24'24"	28 <sup>h</sup> 37'37"	20 <sup>h</sup> 5'5"	21 <sup>h</sup> 27'27"	M29
T 30	0 34 7	6 <sup>h</sup> 43'31"	18 <sup>h</sup> 9'9"	24 <sup>h</sup> 57'57"	2 <sup>h</sup> 37'37"	27 <sup>h</sup> 59'59"	9 <sup>h</sup> 13'13"	13 <sup>h</sup> 9'9"	11 <sup>h</sup> 43'43"	17 <sup>h</sup> 50'50"	18 <sup>h</sup> 4'4"	28 <sup>h</sup> 11'11"	28 <sup>h</sup> 34'34"	20 <sup>h</sup> 11'11"	21 <sup>h</sup> 35'35"	T 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
-----	---	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--



# ASTRODIENST EPHEMERIS for the year 2634

NOVEMBER 2634

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 40 17	8♉15'16	23♊34	4♉11	11♊33	18♊29	15♉56	15♊55	13♉21	18♊36	17°R45	25°D26	26♊52	23♉46	26♊12	S 1
S 2	2 44 14	9°14'56	6♊49	5°53	12°47	19° 7	16° 9	16° 1	13°24	18°38	17♊45	25♊26	26°49	23°53	26°21	S 2
M 3	2 48 10	10°14'37	19°39	7°34	14° 1	19°46	16°22	16° 7	13°26	18°40	17°44	25°28	26°46	24° 0	26°29	M 3
T 4	2 52 7	11°14'21	2♉8	9°15	15°15	20°24	16°35	16°14	13°29	18°42	17°43	25°29	26°42	24° 7	26°38	T 4
W 5	2 56 3	12°14'06	14°21	10°55	16°29	21° 3	16°48	16°20	13°31	18°44	17°42	25°R29	26°39	24°13	26°46	W 5
T 6	3 0 0	13°13'54	26°21	12°35	17°44	21°42	17° 1	16°26	13°33	18°46	17°41	25°28	26°36	24°20	26°55	T 6
F 7	3 3 56	14°13'44	8♉15	14°14	18°58	22°20	17°14	16°33	13°36	18°48	17°40	25°25	26°33	24°27	27° 3	F 7
S 8	3 7 53	15°13'37	20° 6	15°53	20°12	22°59	17°27	16°39	13°38	18°50	17°39	25°21	26°30	24°34	27°12	S 8
S 9	3 11 49	16°13'31	1♊59	17°31	21°27	23°38	17°40	16°45	13°40	18°52	17°38	25°15	26°26	24°40	27°20	S 9
M10	3 15 46	17°13'27	13°57	19° 9	22°41	24°16	17°54	16°52	13°42	18°54	17°37	25° 8	26°23	24°47	27°29	M10
T 11	3 19 43	18°13'26	26° 2	20°46	23°55	24°55	18° 7	16°58	13°44	18°56	17°36	25° 0	26°20	24°54	27°37	T 11
W12	3 23 39	19°13'26	8♉17	22°22	25°10	25°34	18°20	17° 5	13°47	18°58	17°35	24°54	26°17	25° 0	27°45	W12
T 13	3 27 36	20°13'29	20°41	23°59	26°24	26°13	18°33	17°11	13°49	19° 0	17°34	24°48	26°14	25° 7	27°54	T 13
F 14	3 31 32	21°13'33	3♊17	25°34	27°39	26°51	18°46	17°18	13°51	19° 2	17°33	24°45	26°11	25°14	28° 2	F 14
S 15	3 35 29	22°13'39	16° 4	27°10	28°53	27°30	18°59	17°25	13°52	19° 4	17°32	24°43	26° 7	25°21	28°10	S 15
S 16	3 39 25	23°13'47	29° 3	28°45	0♉8	28° 9	19°12	17°31	13°54	19° 6	17°31	24°D43	26° 4	25°27	28°18	S 16
M17	3 43 22	24°13'56	12♊14	0♊19	1°23	28°48	19°25	17°38	13°56	19° 8	17°30	24°43	26° 1	25°34	28°27	M17
T 18	3 47 18	25°14'07	25°38	1°54	2°37	29°27	19°39	17°45	13°58	19°10	17°29	24°45	25°58	25°41	28°35	T 18
W19	3 51 15	26°14'20	9♊16	3°27	3°52	0♉5	19°52	17°52	14° 0	19°12	17°28	24°47	25°55	25°48	28°43	W19
T 20	3 55 12	27°14'34	23° 7	5° 1	5° 7	0°44	20° 5	17°59	14° 1	19°14	17°27	24°R47	25°52	25°54	28°51	T 20
F 21	3 59 8	28°14'49	7♊13	6°34	6°21	1°23	20°18	18° 5	14° 3	19°16	17°26	24°47	25°48	26° 1	28°59	F 21
S 22	4 3 5	29°15'05	21°31	8° 7	7°36	2° 2	20°31	18°12	14° 5	19°18	17°25	24°46	25°45	26° 8	29° 7	S 22
S 23	4 7 1	0♊15'23	5♉59	9°39	8°51	2°41	20°44	18°19	14° 6	19°21	17°24	24°43	25°42	26°14	29°15	S 23
M24	4 10 58	1°15'42	20°32	11°11	10° 6	3°20	20°57	18°26	14° 8	19°23	17°23	24°40	25°39	26°21	29°23	M24
T 25	4 14 54	2°16'03	5♊6	12°43	11°21	3°59	21°10	18°33	14° 9	19°25	17°22	24°37	25°36	26°28	29°31	T 25
W26	4 18 51	3°16'26	19°33	14°15	12°36	4°38	21°23	18°40	14°10	19°27	17°21	24°34	25°32	26°35	29°39	W26
T 27	4 22 47	4°16'49	3♊48	15°46	13°50	5°16	21°36	18°47	14°12	19°29	17°20	24°32	25°29	26°41	29°46	T 27
F 28	4 26 44	5°17'15	17°45	17°17	15° 5	5°55	21°49	18°54	14°13	19°31	17°19	24°D31	25°26	26°48	29°54	F 28
S 29	4 30 41	6°17'42	1♊21	18°48	16°20	6°34	22° 2	19° 1	14°14	19°34	17°18	24°31	25°23	26°55	0♉2	S 29
S 30	4 34 37	7♊18'11	14♊36	20♊19	17♉35	7♉13	22♉15	19♊8	14♉15	19♊36	17♊16	24♊32	25♊20	27♉1	0♉10	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	14s13	23n 2	0s10	11s51	1n 5	3s 5	1n35	6s24	0n53	15s40	0n56	21s 9	1n28	7n13	0n45	21s27
S 2	14 32	24 12	1n 1	12 31	0 59	3 34	1 36	6 39	0 53	15 44	0 56	21 10	1 28	7 12	0 45	21 27
M 3	14 50	24 1	2 7	13 10	0 52	4 2	1 36	6 54	0 52	15 47	0 55	21 11	1 28	7 11	0 45	21 27
T 4	15 9	22 37	3 5	13 48	0 46	4 30	1 37	7 8	0 52	15 51	0 55	21 12	1 28	7 10	0 45	21 27
W 5	15 27	20 12	3 54	14 26	0 39	4 58	1 37	7 23	0 52	15 55	0 55	21 12	1 27	7 9	0 45	21 27
T 6	15 45	16 56	4 31	15 3	0 33	5 26	1 38	7 38	0 52	15 59	0 55	21 13	1 27	7 8	0 45	21 28
F 7	16 3	13 1	4 56	15 39	0 26	5 54	1 38	7 52	0 51	16 2	0 55	21 14	1 27	7 8	0 45	21 28
S 8	16 21	8 38	5 8	16 14	0 19	6 21	1 38	8 7	0 51	16 6	0 55	21 15	1 27	7 7	0 45	21 28
S 9	16 38	3 55	5 7	16 48	0 12	6 49	1 38	8 22	0 51	16 10	0 55	21 15	1 27	7 6	0 45	21 28
M10	16 55	0s59	4 53	17 22	0 6	7 17	1 38	8 36	0 50	16 13	0 55	21 16	1 27	7 5	0 45	21 28
T 11	17 12	5 53	4 26	17 54	0s 1	7 44	1 38	8 51	0 50	16 17	0 55	21 17	1 27	7 4	0 46	21 29
W12	17 28	10 39	3 46	18 26	0 8	8 11	1 38	9 5	0 50	16 21	0 55	21 18	1 27	7 4	0 46	21 29
T 13	17 44	15 3	2 55	18 56	0 15	8 38	1 38	9 19	0 49	16 24	0 55	21 18	1 26	7 3	0 46	21 29
F 14	18 0	18 52	1 54	19 26	0 21	9 5	1 37	9 33	0 49	16 28	0 55	21 19	1 26	7 2	0 46	21 29
S 15	18 16	21 51	0 47	19 55	0 28	9 32	1 37	9 48	0 49	16 32	0 55	21 20	1 26	7 1	0 46	21 29
S 16	18 31	23 45	0s24	20 23	0 35	9 58	1 36	10 2	0 48	16 35	0 55	21 21	1 26	7 1	0 46	21 30
M17	18 46	24 22	1 34	20 49	0 41	10 25	1 36	10 16	0 48	16 39	0 55	21 21	1 26	7 0	0 46	21 30
T 18	19 0	23 35	2 41	21 15	0 48	10 51	1 35	10 30	0 47	16 42	0 55	21 22	1 26	6 59	0 46	21 30
W19	19 15	21 25	3 40	21 39	0 54	11 17	1 35	10 44	0 47	16 46	0 55	21 23	1 26	6 59	0 46	21 30
T 20	19 29	17 58	4 27	22 3	1 0	11 42	1 34	10 58	0 47	16 49	0 55	21 24	1 26	6 58	0 46	21 30
F 21	19 42	13 28	4 59	22 25	1 6	12 8	1 33	11 11	0 46	16 53	0 55	21 24	1 26	6 58	0 46	21 31
S 22	19 55	8 9	5 13	22 46	1 12	12 33	1 32	11 25	0 46	16 56	0 55	21 25	1 26	6 57	0 46	21 31
S 23	20 8	2 21	5 8	23 7	1 18	12 57	1 31	11 39	0 46	17 0	0 55	21 26	1 25	6 57	0 46	21 31
M24	20 21	3n38	4 43	23 26	1 24	13 22	1 30	11 52	0 45	17 3	0 55	21 26	1 25	6 56	0 46	21 31
T 25	20 33	9 25	3 59	23 43	1 29	13 46	1 29	12 6	0 45	17 7	0 55	21 27	1 25	6 56	0 46	21 31
W26	20 44	14 39	3 1	24 0	1 35	14 10	1 28	12 19	0 44	17 10	0 55	21 28	1 25	6 55	0 46	21 31
T 27	20 56	19 0	1 52	24 15	1 40	14 33	1 27	12 33	0 44	17 13	0 55	21 28	1 25	6 55	0 46	21 32
F 28	21 7	22 11	0 37	24 29	1 45	14 56	1 26	12 46	0 44	17 17	0 55	21 29	1 25	6 54	0 46	21 32
S 29	21 17	23 59	0n38	24 42	1 50	15 19	1 24	12 59	0 43	17 20	0 55	21 30	1 25	6 54	0 46	21 32
S 30	21s27	24n22	1n49	24s54	1s54	15s41	1n23	13s12	0n43	17s23	0n55	21s30	1n25	6n53	0n46	21s32

Julian Day Number = 2683412.5, Delta T = 22m32s  
Ecliptic obliquity = 23°21'25, Nutation = - 0°00'19  
Ayanamsha: Fagan/Bradley = 33°37'13, Lahiri = 32°44'13

## ASTRODIENST EPHEMERIS for the year 2634

DECEMBER 2634

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	4 38 34	8°18'41"	27°28'28"	21°47'49"	18°18'50"	7°18'52"	22°18'28"	19°18'15"	14°18'16"	19°18'38"	17°18'15"	24°18'33"	25°18'17"	27°18'08"	0°18'17"	M 1
T 2	4 42 30	9°19'13"	10°19'47"	22°19'13"	20°19'05"	8°31'10"	22°19'41"	19°19'22"	14°19'17"	19°19'40"	17°19'14"	24°19'34"	25°19'13"	27°19'15"	0°19'25"	T 2
W 3	4 46 27	10°19'47"	22°19'47"	22°19'47"	21°20'16"	9°10'10"	22°53'10"	19°20'29"	14°19'18"	19°43'10"	17°13'10"	24°35'10"	25°10'10"	27°22'10"	0°32'10"	W 3
T 4	4 50 23	11°20'23"	4°19'20"	26°17'20"	22°36'20"	9°49'20"	23°06'20"	19°36'20"	14°19'19"	19°45'20"	17°12'20"	24°36'20"	25°07'20"	27°28'20"	0°40'20"	T 4
F 5	4 54 20	12°21'00"	16°15'15"	27°46'15"	23°51'15"	10°28'15"	23°19'15"	19°43'15"	14°20'20"	19°47'15"	17°11'15"	24°R36'15"	25°04'15"	27°35'15"	0°47'15"	F 5
S 6	4 58 17	13°21'38"	28°08'08"	29°14'08"	25°06'08"	11°07'08"	23°32'08"	19°50'08"	14°21'21"	19°49'08"	17°10'08"	24°36'08"	25°01'08"	27°42'08"	0°54'08"	S 6
S 7	5 2 13	14°22'18"	10°18'01"	0°34'42"	26°21'11"	11°47'23"	23°45'19"	19°57'14"	14°22'19"	19°52'17"	17°08'24"	24°35'24"	24°58'24"	27°49'24"	1°02'24"	S 7
M 8	5 6 10	15°23'00"	22°18'10"	2°10'27"	27°36'12"	12°26'23"	23°57'20"	19°54'14"	14°23'19"	19°54'17"	17°07'24"	24°34'24"	24°54'24"	27°55'24"	1°09'24"	M 8
T 9	5 10 6	16°23'44"	4°18'10"	3°36'28"	28°51'13"	13°05'24"	24°10'20"	19°56'14"	14°23'19"	19°56'17"	17°06'24"	24°32'24"	24°51'28"	28°02'16"	1°16'24"	T 9
W10	5 14 3	17°24'29"	16°32'05"	5°02'08"	29°06'13"	13°44'24"	24°22'20"	19°58'17"	14°24'19"	19°58'17"	17°05'24"	24°31'24"	24°48'28"	28°09'12"	1°23'24"	W10
T 11	5 17 59	18°25'15"	29°09'09"	6°27'12"	1°22'14"	14°23'24"	24°35'20"	20°26'14"	14°24'20"	20°01'17"	17°04'24"	24°30'24"	24°45'28"	28°15'13"	1°30'24"	T 11
F 12	5 21 56	19°26'02"	12°18'10"	7°52'23"	15°02'35"	15°41'25"	25°00'20"	20°40'14"	14°25'20"	20°05'17"	17°02'24"	24°D30'24"	24°38'28"	28°29'14"	1°44'24"	F 12
S 13	5 25 52	20°26'51"	25°10'01"	9°15'10"	15°41'25"	15°41'25"	25°00'20"	20°40'14"	14°25'20"	20°05'17"	17°02'24"	24°D30'24"	24°38'28"	28°29'14"	1°44'24"	S 13
S 14	5 29 49	21°27'41"	8°33'33"	10°37'05"	5°07'16"	16°21'25"	25°13'20"	20°47'14"	14°26'20"	20°07'17"	17°01'24"	24°30'24"	24°35'28"	28°36'15"	1°51'24"	S 14
M15	5 33 46	22°28'32"	22°11'11"	11°57'06"	6°23'17"	17°00'25"	25°25'20"	20°54'14"	14°26'20"	20°10'16"	16°59'24"	24°30'24"	24°32'28"	28°42'15"	1°58'24"	M15
T 16	5 37 42	23°29'24"	6°00'13"	13°16'07"	7°38'17"	17°39'25"	25°37'21"	20°11'14"	14°26'20"	20°12'16"	16°58'24"	24°30'24"	24°29'28"	28°49'02"	2°04'24"	T 16
W17	5 41 39	24°30'17"	19°58'14"	14°33'08"	8°53'18"	18°18'25"	25°50'21"	20°08'14"	14°27'20"	20°14'16"	16°57'24"	24°R30'24"	24°26'28"	28°56'02"	2°11'24"	W17
T 18	5 45 35	25°31'17"	4°18'03"	15°47'10"	10°08'18"	18°57'26"	26°02'21"	21°06'14"	14°27'20"	20°16'16"	16°56'24"	24°30'24"	24°23'29"	29°03'02"	2°17'24"	T 18
F 19	5 49 32	26°32'05"	18°12'18"	16°59'11"	11°24'24"	19°37'26"	26°14'21"	21°23'14"	14°27'20"	20°19'16"	16°55'24"	24°30'24"	24°19'29"	29°09'02"	2°24'24"	F 19
S 20	5 53 28	27°32'59"	2°19'24"	18°08'12"	12°39'20"	20°16'26"	26°26'21"	21°30'14"	14°R27'20"	20°21'16"	16°54'24"	24°D30'24"	24°16'29"	29°16'02"	2°30'24"	S 20
S 21	5 57 25	28°33'55"	16°36'19"	19°14'13"	13°54'20"	20°55'26"	26°39'21"	21°37'14"	14°27'20"	20°23'16"	16°53'24"	24°30'24"	24°13'29"	29°23'02"	2°37'24"	S 21
M22	6 1 21	29°34'51"	0°18'45"	20°16'15"	15°10'21"	21°34'26"	26°51'21"	21°44'14"	14°27'20"	20°25'16"	16°52'24"	24°31'24"	24°10'29"	29°29'02"	2°43'24"	M22
T 23	6 5 18	0°35'47"	14°49'21"	12°12'16"	16°25'22"	22°14'27"	27°03'21"	21°51'14"	14°27'20"	20°28'16"	16°50'24"	24°31'24"	24°07'29"	29°36'02"	2°49'24"	T 23
W24	6 9 15	1°36'44"	28°46'22"	4°17'40"	17°40'22"	22°53'27"	27°15'21"	21°58'14"	14°26'20"	20°30'16"	16°49'24"	24°32'24"	24°04'29"	29°43'02"	2°55'24"	W24
T 25	6 13 11	2°37'42"	12°18'32"	22°50'18"	18°56'23"	23°32'27"	27°27'22"	22°05'14"	14°26'20"	20°32'16"	16°48'24"	24°33'24"	24°00'29"	29°50'03"	3°01'24"	T 25
F 26	6 17 8	3°38'41"	26°06'23"	23°28'20"	20°11'24"	24°12'27"	27°38'22"	22°12'14"	14°26'20"	20°34'16"	16°47'24"	24°R33'24"	23°57'29"	29°56'03"	3°07'24"	F 26
S 27	6 21 4	4°39'40"	9°26'24"	24°00'21"	21°26'24"	24°51'27"	27°50'22"	22°19'14"	14°26'20"	20°36'16"	16°46'24"	24°32'24"	23°54'00"	29°56'03"	3°13'24"	S 27
S 28	6 25 1	5°40'40"	22°29'24"	24°22'22"	22°42'25"	25°30'28"	28°02'22"	22°26'14"	14°25'20"	20°39'16"	16°45'24"	24°31'24"	23°51'00"	29°56'03"	3°19'24"	S 28
M29	6 28 57	6°41'41"	5°18'41"	24°35'23"	23°57'26"	26°10'28"	28°14'22"	22°33'14"	14°25'20"	20°41'16"	16°44'24"	24°30'24"	23°48'00"	29°56'03"	3°24'24"	M29
T 30	6 32 54	7°42'42"	17°46'24"	24°R38'25"	25°13'26"	26°49'28"	28°25'22"	22°40'14"	14°24'20"	20°43'16"	16°43'24"	24°28'24"	23°44'00"	29°56'03"	3°30'24"	T 30
W31	6 36 50	8°43'44"	0°18'24"	24°30'26"	26°18'27"	27°18'28"	28°18'37"	22°47'14"	14°24'20"	20°45'16"	16°42'24"	24°26'24"	23°41'00"	29°56'03"	3°36'24"	W31

Day	☉	☾	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s37	23n24	2n52	25s 4	1s58	16s 3	1n22	13s25	0n42	17s27	0n55	21s31	1n25	6n53	0n46	21s32	1n25	10n58	11s50	23n15	23n16	5n51	11s55	0s25
T 2	21 46	21 18	3 46	25 14	2 2	16 25	1 20	13 38	0 42	17 30	0 55	21 32	1 25	6 53	0 46	21 33	1 25	10 58	11 50	23 15	23 16	5 49	11 58	0 25
W 3	21 55	18 15	4 28	25 21	2 6	16 46	1 19	13 51	0 42	17 33	0 55	21 32	1 25	6 52	0 46	21 33	1 25	10 58	11 50	23 15	23 16	5 46	12 0	0 24
T 4	22 4	14 30	4 57	25 28	2 10	17 7	1 17	14 3	0 41	17 36	0 55	21 33	1 25	6 52	0 46	21 33	1 25	10 57	11 50	23 15	23 16	5 43	12 3	0 24
F 5	22 12	10 13	5 13	25 33	2 13	17 27	1 15	14 16	0 41	17 39	0 55	21 33	1 24	6 52	0 47	21 33	1 25	10 57	11 50	23 15	23 16	5 41	12 5	0 24
S 6	22 19	5 34	5 16	25 37	2 16	17 47	1 14	14 28	0 40	17 43	0 55	21 34	1 24	6 51	0 47	21 33	1 25	10 57	11 50	23 15	23 16	5 38	12 7	0 24
S 7	22 27	0 43	5 5	25 39	2 18	18 6	1 12	14 41	0 40	17 46	0 55	21 35	1 24	6 51	0 47	21 33	1 25	10 57	11 50	23 15	23 16	5 35	12 9	0 23
M 8	22 33	4s12	4 41	25 40	2 20	18 25	1 10	14 53	0 40	17 49	0 55	21 35	1 24	6 51	0 47	21 34	1 25	10 57	11 50	23 15	23 16	5 32	12 12	0 23
T 9	22 40	9 2	4 4	25 40	2 22	18 43	1 8	15 5	0 39	17 52	0 55	21 36	1 24	6 51	0 47	21 34	1 25	10 57	11 50	23 15	23 15	5 30	12 14	0 23
W10	22 46	13 36	3 15	25 39	2 23	19 1	1 7	15 17	0 39	17 55	0 55	21 36	1 24	6 50	0 47	21 34	1 25	10 57	11 50	23 15	23 15	5 27	12 16	0 22
T 11	22 51	17 41	2 16	25 36	2 24	19 18	1 5	15 29	0 38	17 58	0 55	21 37	1 24	6 50	0 47	21 34	1 25	10 57	11 50	23 15	23 15	5 24	12 18	0 22
F 12	22 56	21 1	1 9	25 31	2 24	19 35	1 3	15 41	0 38	18 1	0 55	21 37	1 24	6 50	0 47	21 34	1 25	10 57	11 50	23 15	23 15	5 22	12 20	0 22
S 13	23 1	23 20	0s 4	25 26	2 24	19 51	1 1	15 53	0 37	18 4	0 55	21 38	1 24	6 50	0 47	21 35	1 25	10 57	11 50	23 15	23 15	5 19	12 22	0 22
S 14	23 5	24 22	1 17	25 19	2 23	20 7	0 59	16 5	0 37	18 7	0 55	21 39	1 24	6 50	0 47	21 35	1 25	10 57	11 50	23 15	23 15	5 16	12 25	0 21
M15	23 9	23 58	2 28	25 11	2 22	20 22	0 57	16 16	0 36	18 10	0 55	21 39	1 24	6 50	0 47	21 35	1 25	10 57	11 50	23 15	23 15	5 13	12 27	0 21
T 16	23 12	22 6	3 30	25 1	2 20	20 37	0 54	16 28	0 36	18 13	0 55	21 40	1 24	6 50	0 47	21 35	1 25	10 57	11 50	23 15	23 15	5 11	12 29	0 21
W17	23 15	18 54	4 21	24 50	2 17	20 51	0 52	16 39	0 35	18 16	0 55	21 40	1 24	6 50	0 47	21 35	1 25	10 57	11 50	23 15	23 14	5 8	12 31	0 21
T 18	23 17	14 36	4 57	24 39	2 14	21 4	0 50	16 50	0 35	18 19	0 55	21 41	1 24	6 50	0 47	21 35	1 25	10 57	11 50	23 15	23 14	5 5	12 33	0 20
F 19	23 19	9 29	5 15	24 26	2 10	21 17	0 48	17 1	0 35	18 21	0 55	21 41	1 24	6 50	0 47	21 36	1 25	10 57	11 50	23 15	23 14	5 2	12 35	0 20
S 20	23 20	3 51	5 14	24 11	2 5	21 29	0 46	17 12	0 34	18 24	0 55	21 42	1 24	6 50	0 47	21 36	1 25	10 57	11 49	23 15	23 14	5 0	12 37	0 20
S 21	23 21	1n58	4 54	23 57	1 59	21 40	0 43	17 23	0 34	18 27	0 55	21 42	1 24	6 50	0 47	21 36	1 25	10 57	11 49	23 15	23 14	4 57	12 38	0 19
M22	23 21	7 41	4 16	23 41	1 52	21 51	0 41	17 34	0 33	18 30	0 55	21 43	1 24	6 50	0 47	21 36	1 25	10 57	11 49	23 15	23 14	4 54	12 40	0 19
T 23	23 21	13 0	3 23	23 24	1 44	22 1	0 39	17 44	0 33	18 32	0 55	21 43	1 23	6 50	0 47	21 36	1 25	10 57	11 49	23 15	23 14	4 52	12 42	0 19
W24	23 21	17 34	2 18	23 7	1 35	22 11	0 36	17 55	0 32	18 35	0 55	21 44	1 23	6 50	0 47	21 36	1 25	10 57	11 49	23 15	23 13	4 49	12 44	0 19
T 25	23 20	21 8	1 6	22 50	1 25	22 20	0 34	18 5	0 32	18 38	0 55	21 44	1 23	6 50	0 47	21 36	1 25	10 57	11 49	23 15	23 13	4 46	12 46	0 18
F 26	23 18	23 27	0n 9	22 32	1 13	22 28	0 32	18 15	0 31	18 40	0 55	21 44	1 23	6 50	0 47	21 37	1 25	10 57	11 49	23 15	23 13	4 43	12 47	0 18
S 27	23 16	24 23	1 21	22 14	1 1	22 36	0 29	18 25	0 31	18 43	0 55	21 45	1 23	6 50	0 48	21 37	1 25	10 57	11 49	23 15	23 13	4 41	12 49	0 18
S 28	23 14	23 56	2 29	21 57	0 47	22 42	0 27	18 35	0 30	18 46	0 55	21 45	1 23	6 51	0 48	21 37	1 25	10 57	11 49	23 15	23 13	4 38	12 51	0 17
M29	23 11	22 14	3 27	21 39	0 32	22 49	0 25	18 45	0 30	18 48	0 55	21 46	1 23	6 51	0 48	21 37	1 25	10 57	11 49	23 15	23 13	4 35	12 52	0 17
T 30	23 8	22 19	4 13	21 23	0 16	22 54	0 22	18 55	0 29	18 51	0 55	21 46	1 23	6 51	0 48	21 37	1 25	10 57	11 48	23 15	23 13	4 32	12 54	0 17
W31	23s 4	15n54	4n48	21s 7	0n 2	22s59	0n20	19s 4	0n28	18s53	0n55	21s47	1n23	6n51	0n48	21s37	1n25	10n57	11s48	23n14	23n12	4n30	12s56	0s17

## ASTRODIENST EPHEMERIS for the year 2635

JANUARY 2635

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 40 47	9°44'47	12°17' 6	24°R10	27°43	28°8	28°48	22°54	14°R23	20°47	16°R41	24°R24	23°38	0°37	3°41	T 1
F 2	6 44 44	10°45'51	24° 3	23°39	28°59	28°47	28°59	23° 1	14°22	20°50	16°40	24°22	23°35	0°43	3°46	F 2
S 3	6 48 40	11°46'55	5°55	22°56	0°34	29°27	29°11	23° 8	14°22	20°52	16°39	24°21	23°32	0°50	3°51	S 3
S 4	6 52 37	12°48'00	17°48	22° 2	1°30	0°6	29°22	23°15	14°21	20°54	16°38	24°D21	23°29	0°57	3°56	S 4
M 5	6 56 33	13°49'06	29°47	20°58	2°45	0°46	29°33	23°22	14°20	20°56	16°37	24°22	23°25	1° 4	4° 1	M 5
T 6	7 0 30	14°50'12	11°56	19°46	4° 1	1°25	29°44	23°28	14°19	20°58	16°36	24°24	23°22	1°10	4° 6	T 6
W 7	7 4 26	15°51'19	24°19	18°28	5°16	2° 5	29°55	23°35	14°18	21° 0	16°35	24°25	23°19	1°17	4°11	W 7
T 8	7 8 23	16°52'26	7°1	17° 6	6°31	2°44	0°6	23°42	14°17	21° 2	16°34	24°27	23°16	1°24	4°16	T 8
F 9	7 12 19	17°53'34	20° 4	15°44	7°47	3°24	0°17	23°49	14°16	21° 4	16°33	24°R28	23°13	1°30	4°21	F 9
S 10	7 16 16	18°54'42	3°29	14°24	9° 2	4° 4	0°28	23°55	14°15	21° 6	16°32	24°27	23°10	1°37	4°25	S 10
S 11	7 20 13	19°55'51	17°16	13° 9	10°18	4°43	0°38	24° 2	14°14	21° 8	16°31	24°26	23° 6	1°44	4°30	S 11
M12	7 24 9	20°57'00	1°21	12° 0	11°33	5°23	0°49	24° 9	14°13	21°10	16°30	24°23	23° 3	1°51	4°34	M12
T 13	7 28 6	21°58'08	15°40	10°59	12°49	6° 2	0°59	24°15	14°11	21°13	16°29	24°19	23° 0	1°57	4°38	T 13
W14	7 32 2	22°59'17	0°8	10° 8	14° 4	6°42	1°10	24°22	14°10	21°15	16°28	24°15	22°57	2° 4	4°42	W14
T 15	7 35 59	24° 0'25	14°38	9°26	15°20	7°22	1°20	24°28	14° 9	21°16	16°27	24°10	22°54	2°11	4°46	T 15
F 16	7 39 55	25° 1'33	29° 5	8°55	16°35	8° 1	1°30	24°35	14° 7	21°18	16°26	24° 7	22°50	2°17	4°50	F 16
S 17	7 43 52	26° 2'41	13°25	8°34	17°51	8°41	1°41	24°41	14° 6	21°20	16°26	24° 5	22°47	2°24	4°54	S 17
S 18	7 47 49	27° 3'48	27°34	8°23	19° 6	9°20	1°51	24°48	14° 4	21°22	16°25	24°D 4	22°44	2°31	4°58	S 18
M19	7 51 45	28° 4'55	11°31	8°D21	20°22	10° 0	2° 0	24°54	14° 3	21°24	16°24	24° 5	22°41	2°38	5° 2	M19
T 20	7 55 42	29° 6'02	25°15	8°28	21°37	10°40	2°10	25° 0	14° 1	21°26	16°23	24° 6	22°38	2°44	5° 5	T 20
W21	7 59 38	0°7'08	8°47	8°42	22°52	11°19	2°20	25° 7	14° 0	21°28	16°22	24° 8	22°35	2°51	5° 9	W21
T 22	8 3 35	1° 8'14	22° 6	9° 4	24° 8	11°59	2°30	25°13	13°58	21°30	16°22	24°R 9	22°31	2°58	5°12	T 22
F 23	8 7 31	2° 9'19	5°14	9°33	25°23	12°39	2°39	25°19	13°56	21°32	16°21	24° 8	22°28	3° 5	5°15	F 23
S 24	8 11 28	3°10'24	18°11	10° 8	26°39	13°19	2°48	25°25	13°55	21°34	16°20	24° 6	22°25	3°11	5°18	S 24
S 25	8 15 24	4°11'28	0°55	10°48	27°54	13°58	2°58	25°31	13°53	21°35	16°19	24° 1	22°22	3°18	5°21	S 25
M26	8 19 21	5°12'32	13°29	11°32	29°10	14°38	3° 7	25°37	13°51	21°37	16°19	23°55	22°19	3°25	5°24	M26
T 27	8 23 18	6°13'35	25°51	12°22	0°25	15°18	3°16	25°43	13°49	21°39	16°18	23°47	22°16	3°31	5°27	T 27
W28	8 27 14	7°14'38	8°17	13°15	1°40	15°58	3°25	25°49	13°47	21°41	16°17	23°38	22°12	3°38	5°29	W28
T 29	8 31 11	8°15'41	20° 4	14°12	2°56	16°37	3°34	25°55	13°45	21°42	16°17	23°30	22° 9	3°45	5°32	T 29
F 30	8 35 7	9°16'43	2°0	15°12	4°11	17°17	3°42	26° 1	13°43	21°44	16°16	23°22	22° 6	3°52	5°34	F 30
S 31	8 39 4	10°17'45	13°51	16°14	5°27	17°57	3°51	26° 7	13°41	21°46	16°15	23°17	22° 3	3°58	5°37	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	23s 0	11n45	5n 8	20s53	0n20	23s 3	0n17	19s13	0n28	18s56	0n55	21s47	1n23	6n52	0n48	T 1
F 2	22 55	7 11	5 16	20 39	0 39	23 6	0 15	19 23	0 27	18 58	0 55	21 47	1 23	6 52	0 48	F 2
S 3	22 50	2 24	5 9	20 27	0 59	23 9	0 12	19 32	0 27	19 0	0 55	21 48	1 23	6 52	0 48	S 3
S 4	22 45	2s30	4 50	20 16	1 19	23 11	0 10	19 40	0 26	19 3	0 55	21 48	1 23	6 53	0 48	S 4
M 5	22 39	7 20	4 17	20 7	1 38	23 12	0 7	19 49	0 26	19 5	0 55	21 48	1 23	6 53	0 48	M 5
T 6	22 32	11 58	3 33	19 59	1 56	23 13	0 5	19 58	0 25	19 7	0 55	21 49	1 23	6 53	0 48	T 6
W 7	22 25	16 13	2 38	19 53	2 14	23 13	0 2	20 6	0 25	19 10	0 55	21 49	1 23	6 54	0 48	W 7
T 8	22 18	19 51	1 35	19 48	2 29	23 12	0s 0	20 15	0 24	19 12	0 55	21 49	1 23	6 54	0 48	T 8
F 9	22 10	22 35	0 24	19 44	2 43	23 10	0 2	20 23	0 23	19 14	0 56	21 50	1 23	6 55	0 48	F 9
S 10	22 2 24	8s49	19 42	2 54	23 8	0 5	20 31	0 23	19 16	0 56	21 50	1 23	6 55	0 48	21 39	S 10
S 11	21 53	24 16	2 2	19 41	3 3	23 5	0 7	20 39	0 22	19 18	0 56	21 50	1 23	6 56	0 48	S 11
M12	21 44	22 51	3 9	19 41	3 9	23 1	0 10	20 46	0 22	19 21	0 56	21 51	1 23	6 56	0 48	M12
T 13	21 34	19 58	4 4	19 42	3 13	22 57	0 12	20 54	0 21	19 23	0 56	21 51	1 23	6 57	0 48	T 13
W14	21 24	15 50	4 45	19 45	3 14	22 52	0 15	21 1	0 20	19 25	0 56	21 51	1 23	6 57	0 48	W14
T 15	21 14	10 46	5 8	19 48	3 14	22 46	0 17	21 8	0 20	19 27	0 56	21 51	1 23	6 58	0 48	T 15
F 16	21 3 5	7 5	5 11	19 53	3 11	22 39	0 19	21 15	0 19	19 29	0 56	21 52	1 23	6 58	0 48	F 16
S 17	20 52	0n45	4 55	19 58	3 7	22 32	0 22	21 22	0 19	19 31	0 56	21 52	1 23	6 59	0 48	S 17
S 18	20 40	6 31	4 21	20 4	3 1	22 24	0 24	21 29	0 18	19 33	0 56	21 52	1 23	6 59	0 48	S 18
M19	20 28	11 53	3 32	20 11	2 55	22 15	0 26	21 35	0 17	19 34	0 56	21 52	1 23	7 0	0 48	M19
T 20	20 16	16 34	2 31	20 18	2 47	22 6	0 29	21 42	0 17	19 36	0 56	21 53	1 23	7 1	0 48	T 20
W21	20 3 20	20 20	1 23	20 25	2 39	21 56	0 31	21 48	0 16	19 38	0 56	21 53	1 23	7 1	0 48	W21
T 22	19 50	22 56	0 11	20 33	2 31	21 45	0 33	21 54	0 15	19 40	0 56	21 53	1 23	7 2	0 49	T 22
F 23	19 37	24 15	1n 0	20 40	2 21	21 34	0 35	22 0	0 15	19 42	0 56	21 53	1 23	7 3	0 49	F 23
S 24	19 23	24 13	2 7	20 47	2 12	21 22	0 38	22 5	0 14	19 43	0 57	21 53	1 23	7 3	0 49	S 24
S 25	19 9	22 55	3 6	20 53	2 2	21 10	0 40	22 11	0 13	19 45	0 57	21 54	1 23	7 4	0 49	S 25
M26	18 54	20 28	3 55	21 0	1 52	20 56	0 42	22 16	0 13	19 47	0 57	21 54	1 23	7 5	0 49	M26
T 27	18 39	17 8	4 32	21 5	1 42	20 42	0 44	22 21	0 12	19 48	0 57	21 54	1 23	7 6	0 49	T 27
W28	18 24	13 7	4 57	21 10	1 32	20 28	0 46	22 26	0 11	19 50	0 57	21 54	1 23	7 6	0 49	W28
T 29	18 8	8 38	5 7	21 14	1 22	20 13	0 48	22 31	0 11	19 52	0 57	21 54	1 23	7 7	0 49	T 29
F 30	17 52	3 52	5 4	21 18	1 12	19 57	0 50	22 35	0 10	19 53	0 57	21 54	1 23	7 8	0 49	F 30
S 31	17s36	1s 1	4n48	21s20	1n 3	19s41	0s52	22s40	0n 9	19s55	0n57	21s55	1n23	7n 9	0n49	S 31

Julian Day Number = 2683473.5, Delta T = 22m32s

Ecliptic obliquity = 23°21'25", Nutation = - 0°00'17"

Ayanamsha: Fagan/Bradley = 33°37'21", Lahiri = 32°44'21"

# ASTRODIENST EPHEMERIS for the year 2635

FEBRUARY 2635

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 43 0	11°18'47	25°43	17°20	6°42	18°37	3°59	26°13	13°R39	21°47	16°R15	23°R13	22°II 0	4°5	5°M39	S 1
M 2	8 46 57	12°19'48	7°M39	18°27	7°58	19°17	4° 8	26°18	13°M37	21°49	16°II14	23°D11	21°56	4°12	5°41	M 2
T 3	8 50 53	13°20'49	19°44	19°37	9°13	19°57	4°16	26°24	13°35	21°50	16°14	23°II12	21°53	4°18	5°43	T 3
W 4	8 54 50	14°21'49	2°4	20°49	10°28	20°36	4°24	26°29	13°33	21°52	16°13	23°13	21°50	4°25	5°45	W 4
T 5	8 58 47	15°22'49	14°44	22° 3	11°44	21°16	4°32	26°35	13°30	21°53	16°13	23°14	21°47	4°32	5°46	T 5
F 6	9 2 43	16°23'49	27°47	23°18	12°59	21°56	4°40	26°40	13°28	21°55	16°12	23°R14	21°44	4°39	5°48	F 6
S 7	9 6 40	17°24'48	11°31	24°35	14°15	22°36	4°48	26°46	13°26	21°56	16°12	23°12	21°41	4°45	5°49	S 7
S 8	9 10 36	18°25'46	25°15	25°53	15°30	23°16	4°55	26°51	13°24	21°58	16°11	23° 8	21°37	4°52	5°51	S 8
M 9	9 14 33	19°26'44	9°38	27°12	16°45	23°56	5° 3	26°56	13°21	21°59	16°11	23° 2	21°34	4°59	5°52	M 9
T 10	9 18 29	20°27'41	24°21	28°33	18° 1	24°36	5°10	27° 1	13°19	22° 1	16°10	22°54	21°31	5° 6	5°53	T 10
W 11	9 22 26	21°28'36	9°16	29°55	19°16	25°16	5°17	27° 7	13°17	22° 2	16°10	22°44	21°28	5°12	5°54	W 11
T 12	9 26 22	22°29'31	24°15	1°18	20°31	25°56	5°24	27°12	13°14	22° 3	16° 9	22°35	21°25	5°19	5°55	T 12
F 13	9 30 19	23°30'24	9°Y 8	2°42	21°47	26°36	5°31	27°17	13°12	22° 5	16° 9	22°26	21°22	5°26	5°56	F 13
S 14	9 34 16	24°31'16	23°47	4° 7	23° 2	27°16	5°38	27°21	13° 9	22° 6	16° 9	22°20	21°18	5°32	5°56	S 14
S 15	9 38 12	25°32'07	8°8	5°33	24°18	27°56	5°44	27°26	13° 7	22° 7	16° 8	22°17	21°15	5°39	5°57	S 15
M 16	9 42 9	26°32'56	22° 7	6°59	25°33	28°35	5°51	27°31	13° 5	22° 9	16° 8	22°D15	21°12	5°46	5°57	M 16
T 17	9 46 5	27°33'44	5°II 6	8°27	26°48	29°15	5°57	27°36	13° 2	22°10	16° 8	22°15	21° 9	5°53	5°57	T 17
W 18	9 50 2	28°34'31	19° 5	9°56	28° 3	29°55	6° 3	27°40	13° 0	22°11	16° 8	22°R16	21° 6	5°59	5°58	W 18
T 19	9 53 58	29°35'16	2°7	11°25	29°19	0°35	6° 9	27°45	12°57	22°12	16° 7	22°16	21° 2	6° 6	5°R58	T 19
F 20	9 57 55	0°35'59	14°56	12°56	0°34	1°15	6°15	27°49	12°54	22°13	16° 7	22°13	20°59	6°13	5°58	F 20
S 21	10 1 51	1°36'41	27°32	14°27	1°49	1°55	6°20	27°54	12°52	22°14	16° 7	22° 8	20°56	6°19	5°57	S 21
S 22	10 5 48	2°37'22	9°II 59	15°59	3° 5	2°35	6°26	27°58	12°49	22°15	16° 7	22° 0	20°53	6°26	5°57	S 22
M 23	10 9 45	3°38'01	22°17	17°32	4°20	3°15	6°31	28° 2	12°47	22°16	16° 7	21°49	20°50	6°33	5°57	M 23
T 24	10 13 41	4°38'39	4°M 27	19° 6	5°35	3°56	6°36	28° 6	12°44	22°17	16° 7	21°37	20°47	6°40	5°56	T 24
W 25	10 17 38	5°39'15	16°31	20°40	6°50	4°36	6°41	28°11	12°42	22°18	16° 6	21°23	20°43	6°46	5°55	W 25
T 26	10 21 34	6°39'50	28°29	22°16	8° 5	5°16	6°46	28°15	12°39	22°19	16° 6	21° 9	20°40	6°53	5°55	T 26
F 27	10 25 31	7°40'24	10°II 22	23°52	9°21	5°56	6°51	28°18	12°36	22°20	16° 6	20°56	20°37	7° 0	5°54	F 27
S 28	10 29 27	8°40'56	22°II 12	25°30	10°36	6°36	6°55	28°22	12°M 34	22°21	16°II 6	20°II 45	20°II 34	7°II 6	5°M 53	S 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	17s19	5s52	4n20	21s22	0n53	19s24	0s54	22s44	0n 9	19s56	0n57	21s55	1n24	7n10	0n49	21s41
M 2	17 3	10 32	3 40	21 22	0 43	19 7	0 56	22 48	0 8	19 58	0 57	21 55	1 24	7 10	0 49	21 41
T 3	16 45	14 52	2 50	21 22	0 34	18 49	0 57	22 52	0 7	19 59	0 57	21 55	1 24	7 11	0 49	21 41
W 4	16 28	18 41	1 51	21 21	0 25	18 30	0 59	22 55	0 6	20 0	0 58	21 55	1 24	7 12	0 49	21 41
T 5	16 10	21 44	0 46	21 18	0 16	18 11	1 1	22 59	0 6	20 2	0 58	21 55	1 24	7 13	0 49	21 41
F 6	15 52	23 45	0s24	21 14	0 7	17 52	1 3	23 2	0 5	20 3	0 58	21 55	1 24	7 14	0 49	21 41
S 7	15 34	24 28	1 35	21 10	0s 2	17 31	1 4	23 5	0 4	20 4	0 58	21 55	1 24	7 15	0 49	21 41
S 8	15 15	23 41	2 43	21 4	0 10	17 11	1 6	23 8	0 3	20 6	0 58	21 55	1 24	7 16	0 49	21 41
M 9	14 56	21 20	3 42	20 57	0 18	16 50	1 7	23 11	0 3	20 7	0 58	21 55	1 24	7 17	0 49	21 41
T 10	14 37	17 34	4 28	20 49	0 26	16 28	1 9	23 13	0 2	20 8	0 58	21 56	1 24	7 17	0 49	21 41
W 11	14 18	12 38	4 56	20 39	0 34	16 6	1 10	23 15	0 1	20 9	0 58	21 56	1 24	7 18	0 49	21 41
T 12	13 58	6 55	5 4	20 29	0 41	15 44	1 11	23 17	0 0	20 10	0 58	21 56	1 24	7 19	0 49	21 41
F 13	13 38	0 51	4 51	20 17	0 49	15 21	1 13	23 19	0s 1	20 11	0 58	21 56	1 24	7 20	0 49	21 41
S 14	13 18	5n10	4 20	20 4	0 56	14 57	1 14	23 21	0 1	20 13	0 59	21 56	1 24	7 21	0 49	21 41
S 15	12 58	10 49	3 32	19 50	1 2	14 34	1 15	23 23	0 2	20 14	0 59	21 56	1 24	7 22	0 49	21 41
M 16	12 37	15 46	2 33	19 34	1 9	14 10	1 16	23 24	0 3	20 15	0 59	21 56	1 24	7 23	0 49	21 41
T 17	12 17	19 46	1 27	19 17	1 15	13 45	1 17	23 25	0 4	20 16	0 59	21 56	1 24	7 24	0 49	21 41
W 18	11 56	22 38	0 17	18 59	1 20	13 20	1 19	23 26	0 5	20 16	0 59	21 56	1 24	7 25	0 49	21 42
T 19	11 35	24 13	0n52	18 40	1 26	12 55	1 19	23 27	0 5	20 17	0 59	21 56	1 24	7 26	0 49	21 42
F 20	11 13	24 28	1 57	18 20	1 31	12 29	1 20	23 27	0 6	20 18	0 59	21 56	1 24	7 27	0 49	21 42
S 21	10 52	23 27	2 55	17 58	1 36	12 3	1 21	23 28	0 7	20 19	0 59	21 56	1 24	7 28	0 49	21 42
S 22	10 30	21 17	3 44	17 36	1 41	11 37	1 22	23 28	0 8	20 20	0 59	21 56	1 25	7 29	0 49	21 42
M 23	10 8	18 10	4 22	17 12	1 45	11 10	1 23	23 28	0 9	20 21	1 0	21 56	1 25	7 30	0 49	21 42
T 24	9 46	14 18	4 47	16 46	1 49	10 44	1 23	23 28	0 10	20 22	1 0	21 56	1 25	7 31	0 49	21 42
W 25	9 24	9 54	4 59	16 20	1 53	10 16	1 24	23 27	0 11	20 22	1 0	21 56	1 25	7 32	0 49	21 42
T 26	9 2	5 10	4 58	15 52	1 56	9 49	1 25	23 27	0 12	20 23	1 0	21 56	1 25	7 33	0 49	21 42
F 27	8 40	0 16	4 43	15 23	1 59	9 21	1 25	23 26	0 12	20 24	1 0	21 56	1 25	7 34	0 49	21 42
S 28	8s17	4s38	4n17	14s53	2s 1	8s53	1s25	23s25	0s13	20s24	1n 0	21s56	1n25	7n35	0n49	21s42

Julian Day Number = 2683504.5, Delta T = 22m33s

Ecliptic obliquity = 23°21'26, Nutation = - 0°00'16

Ayanamsha: Fagan/Bradley = 33°37'25, Lahiri = 32°44'25



# ASTRODIENST EPHEMERIS for the year 2635

APRIL 2635

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 35 37	10°44'00	19°12	24°33	20°33	28°0	7°R45	29°37	11°R14	22°R31	16°16	17°D28	18°15	10°41	4°R27	W 1
T 2	12 39 34	11°43'35	1°35	26°21	21°47	28°40	7°44	29°38	11°12	22°31	16°17	17°12	18°49	10°48	4°M23	T 2
F 3	12 43 30	12°43'08	14°38	28°6	23°2	29°20	7°42	29°38	11°9	22°30	16°18	17°R29	18°46	10°55	4°19	F 3
S 4	12 47 27	13°42'40	27°56	29°48	24°16	0°0	7°40	29°39	11°7	22°30	16°18	17°28	18°43	11°1	4°15	S 4
S 5	12 51 23	14°42'10	11°42	1°26	25°31	0°40	7°38	29°39	11°5	22°30	16°19	17°25	18°39	11°8	4°11	S 5
M 6	12 55 20	15°41'38	25°57	2°59	26°45	1°20	7°36	29°40	11°3	22°29	16°20	17°19	18°36	11°15	4°7	M 6
T 7	12 59 16	16°41'04	10°39	4°28	28°0	2°1	7°34	29°40	11°1	22°29	16°21	17°12	18°33	11°22	4°2	T 7
W 8	13 3 13	17°40'29	25°43	5°51	29°14	2°41	7°31	29°40	10°59	22°29	16°21	17°3	18°30	11°28	3°58	W 8
T 9	13 7 9	18°39'51	10°59	7°9	0°29	3°21	7°28	29°R40	10°57	22°28	16°22	16°54	18°27	11°35	3°54	T 9
F 10	13 11 6	19°39'12	26°17	8°21	1°43	4°1	7°25	29°40	10°56	22°28	16°23	16°46	18°24	11°42	3°49	F 10
S 11	13 15 2	20°38'30	11°26	9°27	2°58	4°41	7°22	29°40	10°54	22°27	16°24	16°39	18°20	11°48	3°45	S 11
S 12	13 18 59	21°37'47	26°17	10°26	4°12	5°21	7°19	29°39	10°52	22°26	16°25	16°35	18°17	11°55	3°40	S 12
M13	13 22 56	22°37'01	10°12	11°20	5°26	6°1	7°15	29°39	10°50	22°26	16°26	16°D34	18°14	12°2	3°36	M13
T 14	13 26 52	23°36'13	24°38	12°6	6°40	6°41	7°12	29°39	10°48	22°25	16°26	16°34	18°11	12°9	3°31	T 14
W15	13 30 49	24°35'23	8°7	12°46	7°55	7°21	7°8	29°38	10°47	22°25	16°27	16°35	18°8	12°15	3°27	W15
T 16	13 34 45	25°34'31	21°11	13°18	9°9	8°1	7°4	29°37	10°45	22°24	16°28	16°R35	18°5	12°22	3°22	T 16
F 17	13 38 42	26°33'36	3°12	13°44	10°23	8°41	7°0	29°37	10°43	22°23	16°29	16°35	18°1	12°29	3°17	F 17
S 18	13 42 38	27°32'39	16°16	14°3	11°37	9°21	6°55	29°36	10°42	22°23	16°30	16°33	17°58	12°35	3°13	S 18
S 19	13 46 35	28°31'39	28°26	14°15	12°51	10°1	6°51	29°35	10°40	22°22	16°31	16°29	17°55	12°42	3°8	S 19
M20	13 50 32	29°30'38	10°27	14°R20	14°5	10°40	6°46	29°34	10°39	22°21	16°32	16°23	17°52	12°49	3°3	M20
T 21	13 54 28	0°29'34	22°22	14°19	15°20	11°20	6°42	29°33	10°37	22°20	16°33	16°16	17°49	12°56	2°59	T 21
W22	13 58 25	1°28'28	4°14	14°11	16°34	12°0	6°37	29°31	10°36	22°19	16°34	16°7	17°45	13°2	2°54	W22
T 23	14 2 21	2°27'20	16°5	13°57	17°48	12°40	6°32	29°30	10°35	22°18	16°35	15°59	17°42	13°9	2°49	T 23
F 24	14 6 18	3°26'10	27°58	13°37	19°2	13°20	6°26	29°29	10°33	22°18	16°36	15°51	17°39	13°16	2°45	F 24
S 25	14 10 14	4°24'58	9°15	13°13	20°16	14°0	6°21	29°27	10°32	22°17	16°37	15°44	17°36	13°22	2°40	S 25
S 26	14 14 11	5°23'44	21°54	12°43	21°29	14°39	6°15	29°25	10°31	22°16	16°38	15°40	17°33	13°29	2°35	S 26
M27	14 18 7	6°22'28	4°0	12°10	22°43	15°19	6°10	29°24	10°30	22°15	16°39	15°37	17°30	13°36	2°31	M27
T 28	14 22 4	7°21'11	16°15	11°33	23°57	15°59	6°4	29°22	10°29	22°14	16°40	15°D36	17°26	13°42	2°26	T 28
W29	14 26 0	8°19'51	28°41	10°54	25°11	16°39	5°58	29°20	10°28	22°13	16°41	15°37	17°23	13°49	2°21	W29
T 30	14 29 57	9°18'30	11°21	10°13	26°25	17°18	5°52	29°18	10°27	22°12	16°42	15°39	17°20	13°56	2°17	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	4n14	23s 4	0s 9	10n 3	0n37	6n59	1s 6	21s16	0s47	20s29	1n 4	21s54	1n27	8n 5	0n49	21s41
T 2	4 37	24 36	1 15	10 54	0 49	7 28	1 4	21 9	0 48	20 28	1 4	21 54	1 28	8 6	0 49	21 41
F 3	5 0	24 52	2 20	11 43	1 1	7 58	1 2	21 2	0 50	20 28	1 4	21 54	1 28	8 7	0 49	21 41
S 4	5 24	23 44	3 18	12 31	1 13	8 26	1 1	20 54	0 51	20 28	1 4	21 54	1 28	8 7	0 49	21 41
S 5	5 47	21 11	4 8	13 16	1 25	8 55	0 59	20 47	0 52	20 27	1 4	21 54	1 28	8 8	0 49	21 41
M 6	6 9	17 16	4 44	13 59	1 37	9 24	0 57	20 40	0 53	20 27	1 4	21 54	1 28	8 9	0 49	21 41
T 7	6 32	12 12	5 2	14 40	1 49	9 52	0 55	20 32	0 55	20 26	1 4	21 53	1 28	8 10	0 49	21 41
W 8	6 55	6 18	5 1	15 19	2 0	10 20	0 53	20 24	0 56	20 26	1 4	21 53	1 28	8 10	0 49	21 40
T 9	7 17	0n 4	4 38	15 54	2 10	10 48	0 51	20 16	0 57	20 25	1 5	21 53	1 28	8 11	0 49	21 40
F 10	7 40	6 27	3 55	16 27	2 20	11 16	0 49	20 8	0 58	20 25	1 5	21 53	1 28	8 12	0 49	21 40
S 11	8 2	12 25	2 56	16 57	2 29	11 43	0 47	20 0	1 0	20 24	1 5	21 53	1 28	8 12	0 49	21 40
S 12	8 24	17 32	1 47	17 24	2 38	12 10	0 45	19 51	1 1	20 23	1 5	21 53	1 28	8 13	0 49	21 40
M13	8 46	21 27	0 31	17 48	2 45	12 37	0 43	19 43	1 2	20 23	1 5	21 53	1 28	8 14	0 49	21 40
T 14	9 8	23 58	0n43	18 8	2 52	13 3	0 41	19 34	1 4	20 22	1 5	21 53	1 28	8 14	0 49	21 40
W15	9 30	25 0	1 53	18 26	2 57	13 29	0 39	19 25	1 5	20 21	1 5	21 53	1 29	8 15	0 49	21 40
T 16	9 51	24 35	2 55	18 40	3 1	13 55	0 37	19 16	1 6	20 21	1 5	21 53	1 29	8 16	0 49	21 40
F 17	10 13	22 53	3 46	18 50	3 4	14 20	0 34	19 7	1 8	20 20	1 5	21 53	1 29	8 16	0 49	21 40
S 18	10 34	20 8	4 26	18 58	3 6	14 45	0 32	18 58	1 9	20 19	1 5	21 53	1 29	8 17	0 49	21 40
S 19	10 55	16 33	4 52	19 2	3 6	15 10	0 30	18 48	1 10	20 18	1 5	21 53	1 29	8 17	0 48	21 40
M20	11 16	12 20	5 6	19 2	3 5	15 35	0 28	18 39	1 12	20 18	1 5	21 52	1 29	8 18	0 48	21 40
T 21	11 36	7 42	5 6	18 59	3 3	15 58	0 25	18 29	1 13	20 17	1 5	21 52	1 29	8 18	0 48	21 39
W22	11 57	2 48	4 52	18 53	2 59	16 22	0 23	18 20	1 15	20 16	1 5	21 52	1 29	8 19	0 48	21 39
T 23	12 17	2s12	4 27	18 44	2 53	16 45	0 20	18 10	1 16	20 15	1 6	21 52	1 29	8 19	0 48	21 39
F 24	12 37	7 9	3 49	18 31	2 46	17 8	0 18	18 0	1 17	20 14	1 6	21 52	1 29	8 20	0 48	21 39
S 25	12 57	11 52	3 1	18 16	2 38	17 30	0 15	17 50	1 19	20 13	1 6	21 52	1 29	8 20	0 48	21 39
S 26	13 17	16 10	2 5	17 57	2 28	17 52	0 13	17 40	1 20	20 12	1 6	21 52	1 29	8 21	0 48	21 39
M27	13 36	19 51	1 3	17 36	2 17	18 13	0 10	17 29	1 22	20 11	1 6	21 52	1 29	8 21	0 48	21 39
T 28	13 55	22 43	0s 4	17 13	2 4	18 34	0 8	17 19	1 23	20 10	1 6	21 52	1 29	8 21	0 48	21 39
W29	14 14	24 32	1 11	16 48	1 51	18 54	0 5	17 8	1 25	20 9	1 6	21 52	1 29	8 22	0 48	21 39
T 30	14n33	25s 8	2s16	16n21	1n36	19n14	0s 3	16s58	1s26	20s 8	1n 6	21s52	1n30	8n22	0n48	21s39

Julian Day Number = 2683563.5, Delta T = 22m33s  
 Ecliptic obliquity = 23°21'27", Nutation = - 0°00'17"  
 Ayanamsha: Fagan/Bradley = 33°37'34", Lahiri = 32°44'33"

## ASTRODIENST EPHEMERIS for the year 2635

MAY 2635

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14 33 54	10♈17'08	24♌18	9°R31	27♌39	17♌58	5°R46	29°R16	10°R26	22°R10	16♌44	15♌40	17♌17	14♌3	2°R12	F 1
S 2	14 37 50	11°15'43	7♌35	8♌49	28°52	18°38	5♌40	29♌14	10♌25	22♌9	16°45	15°R41	17°14	14°9	2♌8	S 2
S 3	14 41 47	12°14'18	21°15	8°7	0♏6	19°17	5°33	29°12	10°24	22°8	16°46	15°41	17°10	14°16	2°3	S 3
M 4	14 45 43	13°12'50	5♏18	7°26	1°20	19°57	5°27	29°9	10°23	22°7	16°47	15°39	17°7	14°23	1°58	M 4
T 5	14 49 40	14°11'21	19°45	6°48	2°34	20°36	5°20	29°7	10°23	22°6	16°48	15°36	17°4	14°29	1°54	T 5
W 6	14 53 36	15°9'50	4♏31	6°12	3°47	21°16	5°14	29°4	10°22	22°5	16°49	15°32	17°1	14°36	1°49	W 6
T 7	14 57 33	16°8'18	19°30	5°39	5°1	21°55	5°7	29°2	10°21	22°4	16°51	15°28	16°58	14°43	1°45	T 7
F 8	15 1 29	17°6'44	4♏35	5°10	6°14	22°35	5°0	28°59	10°21	22°2	16°52	15°24	16°55	14°50	1°41	F 8
S 9	15 5 26	18°5'08	19°35	4°44	7°28	23°14	4°53	28°56	10°20	22°1	16°53	15°21	16°51	14°56	1°36	S 9
S 10	15 9 23	19°3'31	4♏22	4°23	8°42	23°53	4°46	28°54	10°20	22°0	16°54	15°20	16°48	15°3	1°32	S 10
M 11	15 13 19	20°1'52	18°50	4°7	9°55	24°33	4°39	28°51	10°19	21°58	16°55	15°D19	16°45	15°10	1°28	M 11
T 12	15 17 16	21°0'11	2♏52	3°55	11°9	25°12	4°32	28°48	10°19	21°57	16°57	15°20	16°42	15°16	1°23	T 12
W 13	15 21 12	21°58'28	16°29	3°48	12°22	25°51	4°24	28°45	10°19	21°56	16°58	15°21	16°39	15°23	1°19	W 13
T 14	15 25 9	22°56'43	29°39	3°D46	13°35	26°30	4°17	28°42	10°18	21°54	16°59	15°23	16°36	15°30	1°15	T 14
F 15	15 29 5	23°54'56	12♏26	3°48	14°49	27°9	4°10	28°38	10°18	21°53	17°0	15°24	16°32	15°37	1°11	F 15
S 16	15 33 2	24°53'06	24°53	3°55	16°2	27°48	4°2	28°35	10°18	21°52	17°2	15°R24	16°29	15°43	1°7	S 16
S 17	15 36 59	25°51'15	7♏5	4°7	17°15	28°27	3°55	28°32	10°18	21°50	17°3	15°24	16°26	15°50	1°3	S 17
M 18	15 40 55	26°49'22	19°5	4°24	18°29	29°6	3°47	28°28	10°D18	21°49	17°4	15°23	16°23	15°57	0°59	M 18
T 19	15 44 52	27°47'27	0♏59	4°45	19°42	29°45	3°40	28°25	10°18	21°47	17°6	15°21	16°20	16°3	0°55	T 19
W 20	15 48 48	28°45'31	12°50	5°10	20°55	0♏24	3°32	28°21	10°18	21°46	17°7	15°18	16°16	16°10	0°51	W 20
T 21	15 52 45	29°43'32	24°42	5°40	22°8	1°2	3°24	28°18	10°18	21°45	17°8	15°16	16°13	16°17	0°48	T 21
F 22	15 56 41	0♏41'32	6♏38	6°13	23°22	1°41	3°17	28°14	10°18	21°43	17°9	15°13	16°10	16°23	0°44	F 22
S 23	16 0 38	1°39'30	18°39	6°51	24°35	2°20	3°9	28°11	10°18	21°42	17°11	15°12	16°7	16°30	0°41	S 23
S 24	16 4 34	2°37'27	0♏49	7°32	25°48	2°58	3°2	28°7	10°19	21°40	17°12	15°11	16°4	16°37	0°37	S 24
M 25	16 8 31	3°35'22	13°9	8°18	27°1	3°37	2°54	28°3	10°19	21°39	17°13	15°D10	16°1	16°44	0°34	M 25
T 26	16 12 27	4°33'16	25°39	9°6	28°14	4°15	2°46	27°59	10°19	21°37	17°15	15°10	15°57	16°50	0°30	T 26
W 27	16 16 24	5°31'08	8♏22	9°58	29°27	4°54	2°39	27°55	10°20	21°35	17°16	15°11	15°54	16°57	0°27	W 27
T 28	16 20 21	6°28'59	21°19	10°54	0♏40	5°32	2°31	27°51	10°20	21°34	17°17	15°12	15°51	17°4	0°24	T 28
F 29	16 24 17	7°26'49	4♏30	11°52	1°53	6°10	2°23	27°47	10°21	21°32	17°19	15°13	15°48	17°10	0°21	F 29
S 30	16 28 14	8°24'37	17°56	12°54	3°5	6°48	2°16	27°43	10°21	21°31	17°20	15°13	15°45	17°17	0°18	S 30
S 31	16 32 10	9♏22'25	1♏39	13♏58	4♏18	7♏26	2♏8	27♏39	10♏22	21♏29	17♏22	15♏13	15♏42	17♏24	0♏15	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	14n51	24s23	3s15	15n53	1n20	19n34	0s0	16s47	1s28	20s7	1n6	21s52	1n30	8n22	0n48	21s39	1n29	11n26	11s19	22n35	22n45	1s17	11s47	0n26					
S 2	15 9	22 16	4 6	15 24	1 4	19 53	0n2	16 36	1 29	20 6	1 6	21 52	1 30	8 23	0 48	21 39	1 29	11 26	11 19	22 35	22 45	1 20	11 45	0 26					
S 3	15 27	18 51	4 45	14 55	0 47	20 11	0 5	16 25	1 31	20 5	1 6	21 52	1 30	8 23	0 48	21 38	1 29	11 26	11 19	22 35	22 44	1 23	11 44	0 27					
M 4	15 45	14 18	5 7	14 25	0 30	20 29	0 7	16 14	1 32	20 4	1 6	21 52	1 30	8 23	0 48	21 38	1 29	11 26	11 19	22 35	22 44	1 26	11 42	0 27					
T 5	16 3	8 49	5 11	13 57	0 13	20 46	0 10	16 3	1 34	20 2	1 6	21 51	1 30	8 23	0 48	21 38	1 29	11 27	11 19	22 35	22 44	1 29	11 40	0 28					
W 6	16 20	2 44	4 55	13 28	0s4	21 3	0 13	15 52	1 35	20 1	1 6	21 51	1 30	8 24	0 48	21 38	1 29	11 27	11 19	22 35	22 44	1 31	11 38	0 28					
T 7	16 37	3n36	4 19	13 2	0 21	21 19	0 15	15 41	1 37	20 0	1 6	21 51	1 30	8 24	0 48	21 38	1 29	11 27	11 18	22 34	22 43	1 34	11 36	0 28					
F 8	16 53	9 47	3 25	12 36	0 38	21 34	0 18	15 30	1 38	19 59	1 6	21 51	1 30	8 24	0 48	21 38	1 29	11 27	11 18	22 34	22 43	1 37	11 34	0 29					
S 9	17 10	15 23	2 16	12 13	0 54	21 49	0 20	15 18	1 40	19 58	1 6	21 51	1 30	8 24	0 48	21 38	1 29	11 28	11 18	22 33	22 43	1 40	11 32	0 29					
S 10	17 26	19 58	1 0	11 51	1 10	22 3	0 23	15 7	1 42	19 56	1 6	21 51	1 30	8 24	0 48	21 38	1 29	11 28	11 18	22 33	22 42	1 43	11 30	0 29					
M 11	17 41	23 13	0n19	11 31	1 24	22 17	0 26	14 55	1 43	19 55	1 6	21 51	1 30	8 24	0 48	21 38	1 29	11 28	11 18	22 33	22 42	1 46	11 29	0 30					
T 12	17 57	24 55	1 35	11 14	1 39	22 30	0 28	14 43	1 45	19 54	1 6	21 51	1 30	8 25	0 48	21 38	1 29	11 28	11 18	22 33	22 42	1 49	11 27	0 30					
W 13	18 12	25 3	2 43	10 59	1 52	22 42	0 31	14 32	1 46	19 52	1 6	21 51	1 30	8 25	0 48	21 37	1 29	11 29	11 18	22 33	22 41	1 52	11 25	0 30					
T 14	18 27	23 44	3 40	10 47	2 4	22 54	0 33	14 20	1 48	19 51	1 6	21 51	1 30	8 25	0 48	21 37	1 29	11 29	11 17	22 34	22 41	1 55	11 23	0 31					
F 15	18 41	21 15	4 25	10 36	2 16	23 5	0 36	14 8	1 50	19 50	1 6	21 51	1 30	8 25	0 47	21 37	1 30	11 29	11 17	22 34	22 41	1 58	11 22	0 31					
S 16	18 55	17 49	4 55	10 29	2 27	23 16	0 38	13 56	1 51	19 49	1 6	21 51	1 30	8 25	0 47	21 37	1 30	11 29	11 17	22 34	22 40	2 1	11 20	0 31					
S 17	19 9	13 42	5 12	10 24	2 36	23 26	0 41	13 44	1 53	19 47	1 6	21 51	1 30	8 25	0 47	21 37	1 30	11 30	11 17	22 34	22 40	2 4	11 18	0 32					
M 18	19 23	9 7	5 14	10 21	2 45	23 35	0 43	13 32	1 55	19 46	1 5	21 51	1 30	8 25	0 47	21 37	1 30	11 30	11 17	22 33	22 40	2 7	11 17	0 32					
T 19	19 36	4 15	5 3	10 20	2 53	23 43	0 46	13 20	1 56	19 44	1 5	21 51	1 30	8 25	0 47	21 37	1 30	11 30	11 17	22 33	22 39	2 10	11 15	0 32					
W 20	19 49	0s45	4 40	10 22	3 0	23 51	0 48	13 8	1 58	19 43	1 5	21 51	1 30	8 25	0 47	21 37	1 30	11 30	11 17	22 33	22 39	2 13	11 13	0 33					
T 21	20 1	5 45	4 4	10 26	3 6	23 58	0 51	12 56	2 0	19 42	1 5	21 51	1 30	8 25	0 47	21 37	1 30	11 31	11 17	22 33	22 39	2 16	11 12	0 33					
F 22	20 14	10 35	3 17	10 32	3 12	24 4	0 53	12 44	2 1	19 40	1 5	21 51	1 30	8 24	0 47	21 37	1 30	11 31	11 16	22 32	22 39	2 19	11 10	0 33					
S 23	20 25	15 3	2 21	10 40	3 16	24 10	0 55	12 32	2 3	19 39	1 5	21 50	1 30	8 24	0 47	21 36	1 30	11 31	11 16	22 32	22 38	2 22	11 9	0 34					
S 24	20 37	18 58	1 19	10 50	3 20	24 15	0 58	12 19	2 5	19 38	1 5	21 50	1 30	8 24	0 47	21 36	1 30	11 31	11 16	22 32	22 38	2 25	11 7	0 34					
M 25	20 48	22 7	0 11	11 2	3 22	24 20	1 0	12 7	2 7	19 36	1 5	21 50	1 30	8 24	0 47	21 36	1 30	11 31	11 16	22 32	22 38	2 28	11 6	0 34					
T 26	20 59	24 15	0s58	11 15	3 24	24 23	1 2	11 55	2 8	19 35	1 5	21 50	1 30	8 24	0 47	21 36	1 30	11 32	11 16	22 32	22 37	2 30	11 4	0 35					
W 27	21 9	25 10	2 5	11 30	3 25	24 26	1 5	11 42	2 10	19 34	1 5	21 50	1 30	8 24	0 47	21 36	1 30	11 32	11 16	22 32	22 37	2 33	11 3	0 35					
T 28	21 19	24 45	3 7	11 47	3 26	24 28	1 7	11 30	2 12	19 32	1 5	21 50	1 30	8 23	0 47	21 36	1 30	11 32	11 16	22 32	22 37	2 36	11 1	0 35					
F 29	21 29	22 58	4 1	12 5	3 25	24 30	1 9	11 17	2 14	19 31	1 5	21 50	1 30	8 23	0 47	21 36	1 30	11 32	11 16	22 32	22 36	2 39	11 0	0 36					
S 30	21 38	19 52	4 42	12 25	3 24	24 30	1 11	11 5	2 16	19 29	1 4	21 50	1 30	8 23	0 47	21 36	1 30	11 32	11 16	22 32	22 36	2 42	10 59	0 36					
S 31	21n47	15s39	5s8	12n45	3s22	24n30	1n13	10s52	2s17	19s28	1n4	21s50	1n30	8n23	0n47	21s36	1n30	11n33	11s16	22n32	22n36	2s45	10s57	0n36					

# ASTRODIENST EPHEMERIS for the year 2635

JUNE 2635

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 36 7	10 <sup>11</sup> 20'11	15 <sup>18</sup> 38	15 <sup>18</sup> 6	5 <sup>5</sup> 31	8 <sup>18</sup> 4	2°R 1	27°R35	10 <sup>18</sup> 23	21°R28	17 <sup>11</sup> 23	15°R13	15 <sup>11</sup> 38	17 <sup>11</sup> 30	0°R12	M 1
T 2	16 40 3	11°17'56	29°51	16°16	6°44	8°42	1 <sup>18</sup> 53	27 <sup>18</sup> 31	10°24	21 <sup>18</sup> 26	17°24	15 <sup>11</sup> 33	15°35	17°37	0 <sup>18</sup> 9	T 2
W 3	16 44 0	12°15'41	14°Y18	17°30	7°57	9°20	1°46	27°27	10°24	21°25	17°26	15°13	15°32	17°44	0°7	W 3
T 4	16 47 57	13°13'24	28°54	18°45	9°9	9°58	1°38	27°23	10°25	21°23	17°27	15°13	15°29	17°51	0°4	T 4
F 5	16 51 53	14°11'06	13 <sup>18</sup> 34	20°4	10°22	10°35	1°31	27°18	10°26	21°21	17°28	15°13	15°26	17°57	0°2	F 5
S 6	16 55 50	15°8'48	28°12	21°25	11°34	11°13	1°24	27°14	10°27	21°20	17°30	15°D13	15°22	18°4	29 <sup>18</sup> 59	S 6
S 7	16 59 46	16°6'28	12 <sup>11</sup> 42	22°49	12°47	11°50	1°17	27°10	10°28	21°18	17°31	15°R13	15°19	18°11	29°57	S 7
M 8	17 3 43	17°4'07	26°57	24°15	14°0	12°27	1°9	27°5	10°29	21°16	17°32	15°13	15°16	18°17	29°55	M 8
T 9	17 7 39	18°1'45	10 <sup>18</sup> 54	25°44	15°12	13°4	1°2	27°1	10°30	21°15	17°34	15°12	15°13	18°24	29°53	T 9
W10	17 11 36	18°59'21	24°28	27°16	16°25	13°41	0°55	26°57	10°31	21°13	17°35	15°12	15°10	18°31	29°51	W10
T 11	17 15 32	19°56'57	7 <sup>18</sup> 41	28°50	17°37	14°18	0°48	26°52	10°33	21°12	17°37	15°12	15°7	18°37	29°49	T 11
F 12	17 19 29	20°54'31	20°31	0 <sup>11</sup> 26	18°49	14°55	0°42	26°48	10°34	21°10	17°38	15°11	15°3	18°44	29°47	F 12
S 13	17 23 26	21°52'03	3 <sup>18</sup> 1	2°5	20°2	15°32	0°35	26°44	10°35	21°8	17°39	15°10	15°0	18°51	29°46	S 13
S 14	17 27 22	22°49'35	15°15	3°46	21°14	16°8	0°28	26°39	10°37	21°7	17°41	15°10	14°57	18°58	29°44	S 14
M15	17 31 19	23°47'05	27°18	5°30	22°26	16°45	0°22	26°35	10°38	21°5	17°42	15°D10	14°54	19°4	29°43	M15
T 16	17 35 15	24°44'34	9 <sup>18</sup> 12	7°16	23°39	17°21	0°15	26°30	10°40	21°4	17°43	15°10	14°51	19°11	29°41	T 16
W17	17 39 12	25°42'01	21°4	9°5	24°51	17°57	0°9	26°26	10°41	21°2	17°45	15°11	14°48	19°18	29°40	W17
T 18	17 43 8	26°39'28	2 <sup>18</sup> 57	10°56	26°3	18°33	0°3	26°21	10°43	21°0	17°46	15°12	14°44	19°24	29°39	T 18
F 19	17 47 5	27°36'53	14°56	12°50	27°15	19°9	29 <sup>18</sup> 57	26°17	10°44	20°59	17°47	15°13	14°41	19°31	29°38	F 19
S 20	17 51 1	28°34'18	27°3	14°46	28°27	19°44	29°51	26°12	10°46	20°57	17°49	15°14	14°38	19°38	29°37	S 20
S 21	17 54 58	29°31'41	9 <sup>18</sup> 23	16°44	29°39	20°20	29°45	26°8	10°48	20°55	17°50	15°R15	14°35	19°44	29°36	S 21
M22	17 58 55	0 <sup>18</sup> 29'04	21°57	18°44	0 <sup>18</sup> 51	20°55	29°39	26°4	10°49	20°54	17°51	15°15	14°32	19°51	29°35	M22
T 23	18 2 51	1°26'26	4 <sup>18</sup> 46	20°46	2°3	21°30	29°34	25°59	10°51	20°52	17°53	15°14	14°28	19°58	29°35	T 23
W24	18 6 48	2°23'47	17°51	22°50	3°15	22°5	29°28	25°55	10°53	20°51	17°54	15°12	14°25	20°5	29°34	W24
T 25	18 10 44	3°21'08	1 <sup>18</sup> 11	24°56	4°27	22°40	29°23	25°50	10°55	20°49	17°55	15°10	14°22	20°11	29°34	T 25
F 26	18 14 41	4°18'28	14°45	27°4	5°38	23°15	29°18	25°46	10°57	20°48	17°57	15°8	14°19	20°18	29°34	F 26
S 27	18 18 37	5°15'47	28°31	29°12	6°50	23°50	29°13	25°42	10°59	20°46	17°58	15°5	14°16	20°25	29°34	S 27
S 28	18 22 34	6°13'06	12 <sup>18</sup> 27	1 <sup>18</sup> 22	8°2	24°24	29°8	25°37	11°1	20°44	17°59	15°3	14°13	20°31	29°D34	S 28
M29	18 26 30	7°10'25	26°32	3°33	9°13	24°58	29°3	25°33	11°3	20°43	18°1	15°2	14°9	20°38	29°34	M29
T 30	18 30 27	8° <sup>18</sup> 7'44	10 <sup>18</sup> Y42	5 <sup>18</sup> 45	10 <sup>18</sup> 25	25 <sup>18</sup> 32	28 <sup>18</sup> 58	25 <sup>18</sup> 29	11 <sup>18</sup> 5	20 <sup>18</sup> 41	18 <sup>18</sup> 2	15°D 1	14 <sup>18</sup> 6	20 <sup>18</sup> 45	29 <sup>18</sup> 34	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	21n55	10s31	5s17	13n 7	3s20	24n30	1n15	10s40	2s19	19s27	1n 4	21s50	1n30	8n22	0n47	21s35
T 2	22 3	4 45	5 7	13 30	3 17	24 28	1 17	10 27	2 21	19 25	1 4	21 50	1 30	8 22	0 47	21 35
W 3	22 11	1n21	4 37	13 54	3 13	24 26	1 19	10 15	2 23	19 24	1 4	21 50	1 30	8 22	0 47	21 35
T 4	22 18	7 28	3 50	14 19	3 9	24 24	1 21	10 2	2 25	19 23	1 4	21 50	1 30	8 21	0 47	21 35
F 5	22 25	13 12	2 47	14 45	3 4	24 20	1 23	9 50	2 26	19 21	1 4	21 50	1 30	8 21	0 47	21 35
S 6	22 32	18 11	1 33	15 11	2 58	24 16	1 25	9 37	2 28	19 20	1 4	21 50	1 30	8 21	0 47	21 35
S 7	22 38	22 1	0 14	15 38	2 52	24 11	1 27	9 25	2 30	19 19	1 3	21 50	1 30	8 20	0 47	21 35
M 8	22 44	24 24	1n 5	16 6	2 46	24 5	1 28	9 12	2 32	19 17	1 3	21 50	1 30	8 20	0 46	21 35
T 9	22 49	25 12	2 18	16 34	2 39	23 59	1 30	9 0	2 34	19 16	1 3	21 50	1 30	8 19	0 46	21 35
W10	22 54	24 27	3 21	17 2	2 31	23 52	1 32	8 47	2 36	19 15	1 3	21 50	1 30	8 19	0 46	21 35
T 11	22 59	22 20	4 12	17 30	2 23	23 44	1 33	8 35	2 38	19 14	1 3	21 49	1 30	8 18	0 46	21 34
F 12	23 3	19 9	4 48	17 59	2 14	23 36	1 35	8 23	2 40	19 12	1 3	21 49	1 30	8 18	0 46	21 34
S 13	23 7	15 10	5 10	18 28	2 5	23 27	1 36	8 10	2 42	19 11	1 2	21 49	1 30	8 17	0 46	21 34
S 14	23 10	10 39	5 17	18 56	1 56	23 17	1 37	7 58	2 43	19 10	1 2	21 49	1 30	8 17	0 46	21 34
M15	23 13	5 49	5 10	19 24	1 46	23 7	1 39	7 45	2 45	19 9	1 2	21 49	1 30	8 16	0 46	21 34
T 16	23 15	0 48	4 49	19 52	1 36	22 56	1 40	7 33	2 47	19 8	1 2	21 49	1 30	8 15	0 46	21 34
W17	23 17	4s13	4 17	20 19	1 26	22 45	1 41	7 21	2 49	19 6	1 2	21 49	1 30	8 15	0 46	21 34
T 18	23 19	9 6	3 33	20 46	1 15	22 32	1 42	7 9	2 51	19 5	1 2	21 49	1 29	8 14	0 46	21 34
F 19	23 20	13 42	2 40	21 11	1 5	22 20	1 43	6 56	2 53	19 4	1 1	21 49	1 29	8 14	0 46	21 34
S 20	23 21	17 50	1 39	21 36	0 54	22 6	1 44	6 44	2 55	19 3	1 1	21 49	1 29	8 13	0 46	21 34
S 21	23 21	21 15	0 32	21 59	0 43	21 52	1 45	6 32	2 57	19 2	1 1	21 49	1 29	8 12	0 46	21 33
M22	23 21	23 44	0s37	22 21	0 32	21 37	1 46	6 20	2 59	19 1	1 1	21 49	1 29	8 11	0 46	21 33
T 23	23 21	25 2	1 46	22 42	0 20	21 22	1 47	6 8	3 1	19 0	1 1	21 49	1 29	8 11	0 46	21 33
W24	23 20	24 59	2 50	23 1	0 9	21 6	1 47	5 56	3 3	18 59	1 0	21 49	1 29	8 10	0 46	21 33
T 25	23 19	23 31	3 47	23 17	0n 2	20 50	1 48	5 44	3 5	18 58	1 0	21 49	1 29	8 9	0 46	21 33
F 26	23 17	20 41	4 32	23 32	0 12	20 33	1 48	5 32	3 7	18 57	1 0	21 49	1 29	8 8	0 46	21 33
S 27	23 15	16 40	5 2	23 44	0 23	20 15	1 49	5 20	3 9	18 56	1 0	21 49	1 29	8 8	0 46	21 33
S 28	23 13	11 42	5 14	23 54	0 33	19 57	1 49	5 9	3 11	18 56	1 0	21 49	1 28	8 7	0 46	21 33
M29	23 10	6 6	5 8	24 1	0 43	19 39	1 49	4 57	3 13	18 55	0 59	21 49	1 28	8 6	0 46	21 33
T 30	23n 7	0s 8	4s44	24n 6	0n52	19n20	1n50	4s45	3s15	18s54	0n59	21s49	1n28	8n 5	0n46	21s33

Julian Day Number = 2683624.5, Delta T = 22m34s  
 Ecliptic obliquity = 23°21'26", Nutation = - 0°00'17"  
 Ayanamsha: Fagan/Bradley = 33°37'42", Lahiri = 32°44'42"





## ASTRODIENST EPHEMERIS for the year 2635

SEPTEMBER 2635

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 38 50	8♈22'37	7♌40	17°R51	22♊55	18°Y18	29♈58	23♈4	14♈24	19°D46	18♈59	11°R13	10♈46	27♊46	3♈14	T 1
W 2	22 42 47	9°20'26	20°24	17°14	24°0	18°20	0♈4	23°4	14°28	19°46	19°0	11°3	10°43	27°53	3°20	W 2
T 3	22 46 43	10°18'16	2♈58	16°14	25°5	18°21	0°10	23°5	14°31	19°46	19°0	10°50	10°40	27°59	3°26	T 3
F 4	22 50 40	11°16'08	15°21	15°21	26°10	18°R22	0°17	23°5	14°35	19°46	19°0	10°36	10°37	28°6	3°33	F 4
S 5	22 54 36	12°14'01	27°34	14°27	27°14	18°21	0°24	23°6	14°39	19°46	19°1	10°23	10°33	28°13	3°39	S 5
S 6	22 58 33	13°11'55	9♊37	13°33	28°19	18°20	0°30	23°7	14°43	19°46	19°1	10°11	10°30	28°20	3°46	S 6
M 7	23 2 29	14°9'51	21°32	12°39	29°23	18°17	0°37	23°8	14°47	19°46	19°1	10°1	10°27	28°26	3°53	M 7
T 8	23 6 26	15°7'49	3♈21	11°48	0♈27	18°14	0°45	23°9	14°50	19°46	19°1	9°54	10°24	28°33	3°59	T 8
W 9	23 10 22	16°5'47	15°9	10°59	1°31	18°10	0°52	23°10	14°54	19°47	19°2	9°50	10°21	28°40	4°6	W 9
T 10	23 14 19	17°3'47	26°59	10°14	2°34	18°6	0°59	23°11	14°58	19°47	19°2	9°48	10°17	28°46	4°13	T 10
F 11	23 18 16	18°1'48	8♈55	9°34	3°37	18°0	1°7	23°12	15°2	19°47	19°2	9°D47	10°14	28°53	4°20	F 11
S 12	23 22 12	18°59'51	21°4	9°1	4°40	17°54	1°14	23°14	15°5	19°48	19°2	9°R47	10°11	29°0	4°27	S 12
S 13	23 26 9	19°57'55	3♈31	8°34	5°43	17°46	1°22	23°15	15°9	19°48	19°2	9°46	10°8	29°6	4°34	S 13
M14	23 30 5	20°56'00	16°21	8°15	6°46	17°38	1°30	23°17	15°13	19°48	19°2	9°44	10°5	29°13	4°41	M14
T 15	23 34 2	21°54'07	29°37	8°4	7°48	17°30	1°38	23°19	15°17	19°49	19°3	9°40	10°2	29°20	4°48	T 15
W16	23 37 58	22°52'15	13♈23	8°D1	8°50	17°20	1°46	23°21	15°20	19°49	19°3	9°33	9°58	29°26	4°55	W16
T 17	23 41 55	23°50'25	27°36	8°7	9°52	17°10	1°55	23°22	15°24	19°50	19°3	9°24	9°55	29°33	5°2	T 17
F 18	23 45 51	24°48'36	12♈15	8°22	10°53	16°59	2°3	23°24	15°28	19°50	19°3	9°13	9°52	29°40	5°10	F 18
S 19	23 49 48	25°46'48	27°12	8°46	11°54	16°48	2°11	23°27	15°32	19°51	19°R3	9°2	9°49	29°46	5°17	S 19
S 20	23 53 45	26°45'03	12°Y18	9°18	12°55	16°36	2°20	23°29	15°35	19°51	19°3	8°53	9°46	29°53	5°24	S 20
M21	23 57 41	27°43'19	27°22	9°59	13°56	16°23	2°29	23°31	15°39	19°52	19°3	8°45	9°43	29°59	5°32	M21
T 22	0 1 38	28°41'37	12♈16	10°48	14°56	16°10	2°38	23°33	15°43	19°53	19°3	8°41	9°39	0♈6	5°39	T 22
W23	0 5 34	29°39'57	26°53	11°45	15°55	15°56	2°47	23°36	15°46	19°53	19°3	8°38	9°36	0°13	5°47	W23
T 24	0 9 31	0♈38'20	11♈9	12°49	16°55	15°41	2°56	23°38	15°50	19°54	19°2	8°D38	9°33	0°20	5°54	T 24
F 25	0 13 27	1°36'44	25°2	14°0	17°54	15°26	3°5	23°41	15°54	19°55	19°2	8°R38	9°30	0°26	6°2	F 25
S 26	0 17 24	2°35'11	8♈34	15°17	18°53	15°11	3°14	23°44	15°57	19°56	19°2	8°38	9°27	0°33	6°10	S 26
S 27	0 21 20	3°33'40	21°47	16°39	19°51	14°55	3°24	23°47	16°1	19°56	19°2	8°37	9°23	0°40	6°17	S 27
M28	0 25 17	4°32'10	4♈24	18°7	20°49	14°39	3°33	23°49	16°5	19°57	19°2	8°33	9°20	0°46	6°25	M28
T 29	0 29 14	5°30'43	17°23	19°39	21°47	14°22	3°43	23°52	16°8	19°58	19°2	8°27	9°17	0°53	6°33	T 29
W30	0 33 10	6♈29'18	29♈52	21♈14	22♈44	14°Y5	3♈53	23♈55	16°12	19°59	19°II1	8°II18	9°II14	1♈0	6♈41	W30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	8n24	22n20	4n11	0n26	4s43	9s41	0s52	2n21	5s11	19s21	0n45	21s53	1n18	6n48	0n44	21s31
W 2	8 2 19 4	4 41	0 47	4 41	10 10	0 57	2 21	5 11	19 22	0 44	21 53	1 18	6 47	0 44	21 31	1 27
T 3	7 41 15 0	4 57	1 10	4 37	10 38	1 2	2 21	5 12	19 24	0 44	21 53	1 17	6 45	0 44	21 31	1 27
F 4	7 19 10 21	4 59	1 35	4 30	11 6	1 7	2 21	5 13	19 25	0 44	21 54	1 17	6 44	0 44	21 31	1 27
S 5	6 57 5 21	4 47	2 3	4 22	11 35	1 12	2 20	5 13	19 27	0 44	21 54	1 17	6 42	0 44	21 31	1 27
S 6	6 35 0 13	4 22	2 33	4 13	12 2	1 17	2 19	5 14	19 29	0 44	21 54	1 17	6 41	0 44	21 32	1 27
M 7	6 13 4s52	3 46	3 4	4 1	12 30	1 22	2 18	5 14	19 30	0 43	21 54	1 17	6 39	0 44	21 32	1 27
T 8	5 50 9 46	3 0	3 36	3 48	12 57	1 28	2 17	5 14	19 32	0 43	21 55	1 16	6 38	0 44	21 32	1 27
W 9	5 28 14 18	2 6	4 8	3 33	13 25	1 33	2 15	5 14	19 34	0 43	21 55	1 16	6 37	0 44	21 32	1 26
T 10	5 6 18 19	1 7	4 40	3 17	13 51	1 38	2 13	5 14	19 35	0 43	21 55	1 16	6 35	0 44	21 32	1 26
F 11	4 43 21 38	0 5	5 11	2 59	14 18	1 43	2 12	5 14	19 37	0 43	21 55	1 16	6 34	0 44	21 32	1 26
S 12	4 20 24 3	1s 0	5 40	2 41	14 44	1 49	2 9	5 14	19 39	0 42	21 56	1 16	6 32	0 44	21 32	1 26
S 13	3 58 25 21	2 2	6 7	2 23	15 10	1 54	2 7	5 13	19 41	0 42	21 56	1 15	6 31	0 44	21 32	1 26
M14	3 35 25 21	3 1	6 32	2 4	15 36	1 59	2 4	5 13	19 42	0 42	21 56	1 15	6 29	0 44	21 32	1 26
T 15	3 12 23 56	3 52	6 54	1 44	16 2	2 5	2 2	5 12	19 44	0 42	21 57	1 15	6 28	0 44	21 32	1 26
W16	2 49 21 5	4 31	7 13	1 25	16 27	2 10	1 59	5 11	19 46	0 42	21 57	1 15	6 26	0 44	21 32	1 26
T 17	2 26 16 53	4 55	7 28	1 6	16 52	2 15	1 56	5 11	19 48	0 41	21 57	1 15	6 25	0 44	21 32	1 26
F 18	2 3 11 35	5 1	7 40	0 48	17 16	2 21	1 53	5 10	19 50	0 41	21 57	1 14	6 24	0 44	21 32	1 26
S 19	1 40 5 30	4 47	7 47	0 30	17 40	2 26	1 50	5 8	19 52	0 41	21 58	1 14	6 22	0 44	21 33	1 26
S 20	1 17 0n58	4 12	7 51	0 13	18 4	2 31	1 46	5 7	19 53	0 41	21 58	1 14	6 21	0 44	21 33	1 26
M21	0 54 7 23	3 20	7 51	0n 3	18 28	2 37	1 43	5 6	19 55	0 41	21 58	1 14	6 19	0 44	21 33	1 26
T 22	0 31 13 19	2 15	7 46	0 18	18 51	2 42	1 39	5 4	19 57	0 40	21 59	1 14	6 18	0 44	21 33	1 26
W23	0 8 18 23	1 2	7 38	0 32	19 13	2 48	1 36	5 2	19 59	0 40	21 59	1 13	6 16	0 44	21 33	1 26
T 24	0s15 22 15	0n13	7 25	0 45	19 36	2 53	1 32	5 0	20 1	0 40	21 59	1 13	6 15	0 44	21 33	1 26
F 25	0 38 24 42	1 26	7 9	0 57	19 58	2 58	1 28	4 58	20 3	0 40	21 59	1 13	6 14	0 44	21 33	1 26
S 26	1 2 25 37	2 32	6 49	1 7	20 19	3 4	1 24	4 56	20 5	0 40	22 0	1 13	6 12	0 44	21 33	1 26
S 27	1 25 25 2	3 29	6 26	1 17	20 40	3 9	1 20	4 54	20 7	0 40	22 0	1 13	6 11	0 44	21 33	1 25
M28	1 48 23 7	4 13	5 59	1 25	21 1	3 14	1 17	4 51	20 9	0 39	22 0	1 13	6 9	0 44	21 34	1 25
T 29	2 11 20 4	4 44	5 30	1 32	21 22	3 20	1 13	4 48	20 11	0 39	22 1	1 12	6 8	0 44	21 34	1 25
W30	2s34	16n10	5n 0	4n57	1n38	21s42	3s25	1n 9	4s46	20s13	0n39	22s 1	1n12	6n 7	0n44	21s34

Julian Day Number = 2683716.5, Delta T = 22m35s

Ecliptic obliquity = 23°21'28", Nutation = - 0°00'15"

Ayanamsha: Fagan/Bradley = 33°37'55", Lahiri = 32°44'55"



## ASTRODIENST EPHEMERIS for the year 2635

NOVEMBER 2635

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 39 20	8 <sup>m</sup> 0'48	27 <sup>h</sup> 9	16 <sup>m</sup> 33	17 <sup>h</sup> 7	7 <sup>h</sup> R14	9 <sup>h</sup> 50	26 <sup>h</sup> 15	17 <sup>h</sup> 55	20 <sup>h</sup> 43	18 <sup>h</sup> 44	6 <sup>h</sup> R16	7 <sup>h</sup> 32	4 <sup>m</sup> 33	11 <sup>m</sup> 7	S 1
M 2	2 43 16	9° 0'28	8 <sup>m</sup> 58	18° 8	17° 35	7 <sup>h</sup> 11	10° 2	26° 21	17° 58	20° 45	18 <sup>h</sup> 43	6 <sup>h</sup> 12	7° 29	4° 40	11° 15	M 2
T 3	2 47 13	10° 0'11	20° 47	19° 43	18° 2	7° 9	10° 14	26° 26	18° 0	20° 46	18° 42	6° 10	7° 26	4° 47	11° 24	T 3
W 4	2 51 9	10° 59'56	2 <sup>h</sup> 37	21° 17	18° 26	7° 8	10° 27	26° 32	18° 3	20° 48	18° 41	6° D 8	7° 23	4° 53	11° 32	W 4
T 5	2 55 6	11° 59'42	14° 33	22° 50	18° 49	7° D 8	10° 39	26° 38	18° 6	20° 50	18° 41	6° 9	7° 20	5° 0	11° 41	T 5
F 6	2 59 3	12° 59'30	26° 36	24° 23	19° 11	7° 8	10° 52	26° 43	18° 8	20° 52	18° 40	6° 10	7° 16	5° 7	11° 49	F 6
S 7	3 2 59	13° 59'20	8 <sup>h</sup> 34	25° 55	19° 30	7° 10	11° 4	26° 49	18° 11	20° 54	18° 39	6° 11	7° 13	5° 13	11° 58	S 7
S 8	3 6 56	14° 59'12	21° 16	27° 26	19° 48	7° 12	11° 17	26° 55	18° 13	20° 56	18° 38	6° 13	7° 10	5° 20	12° 6	S 8
M 9	3 10 52	15° 59'05	4 <sup>h</sup> 2	28° 58	20° 3	7° 15	11° 30	27° 1	18° 15	20° 58	18° 37	6° 14	7° 7	5° 27	12° 15	M 9
T 10	3 14 49	16° 59'00	17° 8	0 <sup>h</sup> 28	20° 17	7° 18	11° 43	27° 7	18° 18	21° 0	18° 36	6° R15	7° 4	5° 33	12° 24	T 10
W11	3 18 45	17° 58'57	0 <sup>h</sup> 39	1° 59	20° 28	7° 23	11° 55	27° 13	18° 20	21° 2	18° 35	6° 14	7° 0	5° 40	12° 32	W11
T 12	3 22 42	18° 58'55	14° 35	3° 28	20° 37	7° 28	12° 8	27° 19	18° 23	21° 4	18° 34	6° 13	6° 57	5° 47	12° 41	T 12
F 13	3 26 38	19° 58'54	28° 58	4° 57	20° 44	7° 34	12° 21	27° 25	18° 25	21° 6	18° 33	6° 11	6° 54	5° 53	12° 49	F 13
S 14	3 30 35	20° 58'56	13 <sup>h</sup> 43	6° 26	20° 49	7° 41	12° 34	27° 31	18° 27	21° 8	18° 32	6° 9	6° 51	6° 0	12° 58	S 14
S 15	3 34 32	21° 58'58	28° 45	7° 54	20° R51	7° 48	12° 47	27° 37	18° 29	21° 10	18° 31	6° 7	6° 48	6° 7	13° 6	S 15
M16	3 38 28	22° 59'03	13 <sup>h</sup> 56	9° 22	20° 51	7° 57	13° 0	27° 43	18° 31	21° 12	18° 30	6° 6	6° 45	6° 13	13° 15	M16
T 17	3 42 25	23° 59'09	29° 6	10° 49	20° 49	8° 5	13° 13	27° 50	18° 33	21° 14	18° 29	6° D 5	6° 41	6° 20	13° 23	T 17
W18	3 46 21	24° 59'17	14 <sup>h</sup> 11	6° 12	20° 44	8° 15	13° 26	27° 56	18° 35	21° 16	18° 28	6° 5	6° 38	6° 27	13° 32	W18
T 19	3 50 18	25° 59'27	28° 48	13° 41	20° 37	8° 25	13° 39	28° 2	18° 37	21° 18	18° 27	6° 6	6° 35	6° 33	13° 40	T 19
F 20	3 54 14	26° 59'39	13 <sup>h</sup> 56	6° 15	20° 27	8° 36	13° 52	28° 9	18° 39	21° 20	18° 26	6° 7	6° 32	6° 40	13° 48	F 20
S 21	3 58 11	27° 59'53	26° 57	16° 31	20° 15	8° 48	14° 5	28° 15	18° 41	21° 22	18° 25	6° 8	6° 29	6° 47	13° 57	S 21
S 22	4 2 8	29° 0'09	10 <sup>h</sup> 19	17° 55	20° 0	9° 0	14° 18	28° 22	18° 43	21° 24	18° 24	6° 8	6° 26	6° 53	14° 5	S 22
M23	4 6 4	0 <sup>h</sup> 27	23° 19	19° 18	19° 43	9° 13	14° 31	28° 28	18° 45	21° 26	18° 23	6° 8	6° 22	7° 0	14° 14	M23
T 24	4 10 1	1° 0'47	5 <sup>h</sup> 55	20° 40	19° 24	9° 26	14° 44	28° 35	18° 47	21° 28	18° 22	6° R 9	6° 19	7° 7	14° 22	T 24
W25	4 13 57	2° 1'08	18° 14	22° 1	19° 2	9° 40	14° 58	28° 41	18° 48	21° 31	18° 21	6° 8	6° 16	7° 13	14° 30	W25
T 26	4 17 54	3° 1'32	0 <sup>h</sup> 19	23° 21	18° 38	9° 55	15° 11	28° 48	18° 50	21° 33	18° 20	6° 8	6° 13	7° 20	14° 38	T 26
F 27	4 21 50	4° 1'57	12° 14	24° 39	18° 13	10° 10	15° 24	28° 55	18° 51	21° 35	18° 19	6° 8	6° 10	7° 27	14° 47	F 27
S 28	4 25 47	5° 2'24	24° 4	25° 56	17° 45	10° 26	15° 38	29° 1	18° 53	21° 37	18° 17	6° 7	6° 6	7° 33	14° 55	S 28
S 29	4 29 43	6° 2'53	5 <sup>m</sup> 52	27° 12	17° 16	10° 43	15° 51	29° 8	18° 54	21° 39	18° 16	6° D 7	6° 3	7° 40	15° 3	S 29
M30	4 33 40	7 <sup>h</sup> 3'24	17 <sup>m</sup> 41	28 <sup>h</sup> 26	16 <sup>h</sup> 44	11 <sup>h</sup> 0	16 <sup>h</sup> 4	29 <sup>h</sup> 15	18 <sup>h</sup> 56	21 <sup>h</sup> 41	18 <sup>h</sup> 15	6 <sup>h</sup> 11	6 <sup>h</sup> 0	7 <sup>m</sup> 47	15 <sup>m</sup> 11	M30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	14s 8	7s21	3n18	17s 5	0s23	28s 9	5s27	0n34	2s29	21s17	0n34	22s11	1n 7	5n27	0n45	21s38
M 2	14 27	12 10	2 24	17 39	0 29	28 13	5 28	0 38	2 25	21 19	0 34	22 12	1 7	5 26	0 45	21 38
T 3	14 46	16 33	1 24	18 11	0 36	28 16	5 28	0 41	2 20	21 21	0 34	22 12	1 7	5 25	0 45	21 39
W 4	15 5	20 18	0 19	18 42	0 43	28 19	5 29	0 45	2 16	21 23	0 34	22 12	1 7	5 24	0 45	21 39
T 5	15 23	23 14	0s46	19 13	0 50	28 21	5 29	0 49	2 11	21 24	0 34	22 13	1 6	5 23	0 45	21 39
F 6	15 41	25 9	1 50	19 42	0 56	28 23	5 29	0 53	2 7	21 26	0 34	22 13	1 6	5 22	0 45	21 39
S 7	15 59	25 54	2 51	20 11	1 3	28 24	5 28	0 57	2 2	21 28	0 34	22 13	1 6	5 21	0 45	21 39
S 8	16 17	25 22	3 44	20 38	1 9	28 24	5 27	1 2	1 58	21 30	0 34	22 13	1 6	5 20	0 45	21 39
M 9	16 34	23 31	4 28	21 5	1 15	28 24	5 26	1 7	1 54	21 32	0 34	22 14	1 6	5 20	0 46	21 40
T 10	16 51	20 23	4 59	21 30	1 21	28 23	5 24	1 13	1 50	21 34	0 33	22 14	1 6	5 19	0 46	21 40
W11	17 8	16 7	5 15	21 55	1 27	28 22	5 22	1 18	1 46	21 35	0 33	22 14	1 6	5 18	0 46	21 40
T 12	17 24	10 51	5 13	22 18	1 33	28 20	5 19	1 24	1 41	21 37	0 33	22 14	1 5	5 17	0 46	21 40
F 13	17 41	4 53	4 52	22 40	1 39	28 17	5 16	1 30	1 37	21 39	0 33	22 15	1 5	5 16	0 46	21 40
S 14	17 56	1n32	4 11	23 1	1 44	28 14	5 12	1 36	1 33	21 41	0 33	22 15	1 5	5 15	0 46	21 40
S 15	18 12	7 59	3 12	23 21	1 50	28 10	5 8	1 43	1 30	21 43	0 33	22 15	1 5	5 14	0 46	21 41
M16	18 27	14 4	2 0	23 40	1 55	28 5	5 4	1 50	1 26	21 44	0 33	22 15	1 5	5 14	0 46	21 41
T 17	18 42	19 16	0 39	23 58	2 0	28 0	4 58	1 57	1 22	21 46	0 33	22 16	1 5	5 13	0 46	21 41
W18	18 57	23 9	0n44	24 14	2 4	27 54	4 53	2 4	1 18	21 48	0 33	22 16	1 5	5 12	0 46	21 41
T 19	19 11	25 24	2 3	24 30	2 9	27 47	4 46	2 11	1 14	21 49	0 32	22 16	1 5	5 11	0 46	21 41
F 20	19 25	25 53	3 11	24 44	2 13	27 39	4 39	2 19	1 11	21 51	0 32	22 16	1 5	5 11	0 46	21 41
S 21	19 39	24 44	4 6	24 57	2 17	27 31	4 32	2 27	1 7	21 53	0 32	22 16	1 4	5 10	0 46	21 42
S 22	19 52	22 11	4 46	25 8	2 20	27 22	4 24	2 35	1 4	21 54	0 32	22 17	1 4	5 9	0 46	21 42
M23	20 5	18 34	5 10	25 19	2 23	27 12	4 15	2 43	1 0	21 56	0 32	22 17	1 4	5 9	0 46	21 42
T 24	20 18	14 14	5 18	25 28	2 26	27 1	4 5	2 51	0 57	21 58	0 32	22 17	1 4	5 8	0 46	21 42
W25	20 30	9 24	5 11	25 35	2 29	26 49	3 55	3 0	0 54	21 59	0 32	22 17	1 4	5 7	0 46	21 42
T 26	20 41	4 19	4 50	25 42	2 31	26 36	3 45	3 8	0 51	22 1	0 32	22 17	1 4	5 7	0 46	21 42
F 27	20 53	0s52	4 17	25 47	2 32	26 23	3 34	3 17	0 47	22 2	0 32	22 17	1 4	5 6	0 46	21 42
S 28	21 4	6 0	3 33	25 51	2 33	26 9	3 22	3 26	0 44	22 4	0 32	22 18	1 4	5 6	0 46	21 43
S 29	21 15	10 54	2 40	25 54	2 34	25 53	3 9	3 36	0 41	22 5	0 32	22 18	1 4	5 5	0 46	21 43
M30	21s25	15s26	1n41	25s55	2s34	25s38	2s56	3n45	0s38	22s 7	0n31	22s18	1n 3	5n 5	0n46	21s43

Julian Day Number = 2683777.5, Delta T = 22m36s

Ecliptic obliquity = 23°21'28", Nutation = - 0°00'17"

Ayanamsha: Fagan/Bradley = 33°38'03", Lahiri = 32°45'03"

## ASTRODIENST EPHEMERIS for the year 2635

DECEMBER 2635

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 37 37	8♂ 3'56	29♂34	29♂37	16°R12	11°Y17	16♂18	29♂21	18♂57	21♂44	18°R14	6♂7	5♂57	7♂53	15♂20	T 1
W 2	4 41 33	9° 4'30	11♂32	0♂47	15♂38	11°35	16°31	29°28	18°59	21°46	18°R13	6°R 8	5°54	8° 0	15°28	W 2
T 3	4 45 30	10° 5'05	23°39	1°53	15° 4	11°54	16°44	29°35	19° 0	21°48	18°12	6° 7	5°51	8° 7	15°36	T 3
F 4	4 49 26	11° 5'42	5♂55	2°57	14°28	12°13	16°58	29°42	19° 1	21°50	18°11	6° 7	5°47	8°13	15°44	F 4
S 5	4 53 23	12° 6'20	18°22	3°57	13°52	12°32	17°11	29°49	19° 2	21°53	18°10	6° 6	5°44	8°20	15°52	S 5
S 6	4 57 19	13° 6'59	1♂ 1	4°54	13°16	12°52	17°25	29°56	19° 3	21°55	18° 8	6° 5	5°41	8°27	16° 0	S 6
M 7	5 1 16	14° 7'39	13°55	5°46	12°39	13°13	17°38	0♂ 3	19° 4	21°57	18° 7	6° 4	5°38	8°33	16° 8	M 7
T 8	5 5 12	15° 8'20	27° 5	6°33	12° 3	13°34	17°51	0° 9	19° 5	21°59	18° 6	6° 4	5°35	8°40	16°16	T 8
W 9	5 9 9	16° 9'03	10♂33	7°14	11°27	13°55	18° 5	0°16	19° 6	22° 1	18° 5	6°D 3	5°32	8°46	16°23	W 9
T 10	5 13 6	17° 9'46	24°20	7°49	10°52	14°17	18°18	0°23	19° 7	22° 4	18° 4	6° 3	5°28	8°53	16°31	T 10
F 11	5 17 2	18°10'30	8°Y26	8°17	10°18	14°39	18°32	0°30	19° 8	22° 6	18° 3	6° 4	5°25	9° 0	16°39	F 11
S 12	5 20 59	19°11'15	22°50	8°37	9°45	15° 2	18°45	0°37	19° 9	22° 8	18° 2	6° 5	5°22	9° 6	16°47	S 12
S 13	5 24 55	20°12'01	7♂29	8°47	9°13	15°25	18°59	0°44	19°10	22°11	18° 1	6° 6	5°19	9°13	16°54	S 13
M14	5 28 52	21°12'48	22°18	8°R49	8°43	15°49	19°12	0°51	19°10	22°13	17°59	6° 7	5°16	9°20	17° 2	M14
T 15	5 32 48	22°13'36	7♂11	8°40	8°15	16°13	19°26	0°58	19°11	22°15	17°58	6°R 7	5°12	9°26	17°10	T 15
W16	5 36 45	23°14'26	22° 0	8°20	7°48	16°37	19°39	1° 5	19°11	22°17	17°57	6° 6	5° 9	9°33	17°17	W16
T 17	5 40 41	24°15'16	6♂38	7°48	7°24	17° 1	19°53	1°13	19°12	22°20	17°56	6° 5	5° 6	9°40	17°25	T 17
F 18	5 44 38	25°16'07	20°58	7° 6	7° 2	17°26	20° 6	1°20	19°12	22°22	17°55	6° 3	5° 3	9°46	17°32	F 18
S 19	5 48 35	26°17'00	4♂54	6°12	6°42	17°52	20°19	1°27	19°13	22°24	17°54	6° 0	5° 0	9°53	17°40	S 19
S 20	5 52 31	27°17'53	18°25	5° 9	6°24	18°17	20°33	1°34	19°13	22°26	17°53	5°57	4°57	10° 0	17°47	S 20
M21	5 56 28	28°18'48	1♂31	3°57	6° 9	18°43	20°46	1°41	19°13	22°29	17°51	5°54	4°53	10° 6	17°54	M21
T 22	6 0 24	29°19'44	14°13	2°39	5°56	19° 9	21° 0	1°48	19°14	22°31	17°50	5°52	4°50	10°13	18° 1	T 22
W23	6 4 21	0♂20'40	26°35	1°17	5°46	19°36	21°13	1°55	19°14	22°33	17°49	5°D51	4°47	10°20	18° 9	W23
T 24	6 8 17	1°21'38	8♂40	29♂54	5°39	20° 3	21°26	2° 2	19°14	22°35	17°48	5°51	4°44	10°26	18°16	T 24
F 25	6 12 14	2°22'38	20°35	28°33	5°33	20°30	21°40	2° 9	19°R14	22°38	17°47	5°52	4°41	10°33	18°23	F 25
S 26	6 16 10	3°23'38	2♂24	27°16	5°31	20°57	21°53	2°16	19°14	22°40	17°46	5°54	4°38	10°40	18°30	S 26
S 27	6 20 7	4°24'39	14°12	26° 5	5°D31	21°25	22° 7	2°23	19°14	22°42	17°45	5°56	4°34	10°46	18°37	S 27
M28	6 24 4	5°25'41	26° 3	25° 3	5°33	21°53	22°20	2°31	19°14	22°44	17°44	5°57	4°31	10°53	18°44	M28
T 29	6 28 0	6°26'44	8♂ 0	24°11	5°37	22°21	22°33	2°38	19°13	22°46	17°43	5°R58	4°28	11° 0	18°50	T 29
W30	6 31 57	7°27'48	20° 8	23°30	5°44	22°50	22°46	2°45	19°13	22°49	17°42	5°57	4°25	11° 6	18°57	W30
T 31	6 35 53	8♂28'52	2♂28	23♂ 0	5♂54	23°Y18	23♂ 0	2♂52	19°R13	22♂51	17°R41	5°R54	4°R22	11°R13	19°R 4	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	21s35	19s24	0n36	25s55	2s34	25s21	2s43	3n54	0s35	22s 8	0n31	22s18	1n 3	5n 4	0n46	21s43	1n23
W 2	21 44	22 35	0s30	25 54	2 32	25 3	2 29	4 4	0 33	22 10	0 31	22 18	1 3	5 4	0 46	21 43	1 23
T 3	21 53	24 48	1 36	25 51	2 30	24 45	2 15	4 14	0 30	22 11	0 31	22 18	1 3	5 3	0 46	21 43	1 23
F 4	22 2	25 51	2 38	25 47	2 28	24 27	2 0	4 24	0 27	22 12	0 31	22 18	1 3	5 3	0 46	21 44	1 23
S 5	22 10	25 38	3 34	25 42	2 24	24 8	1 45	4 34	0 24	22 14	0 31	22 18	1 3	5 2	0 47	21 44	1 23
S 6	22 18	24 5	4 20	25 36	2 20	23 48	1 30	4 44	0 22	22 15	0 31	22 19	1 3	5 2	0 47	21 44	1 23
M 7	22 25	21 17	4 54	25 28	2 15	23 28	1 15	4 54	0 19	22 16	0 31	22 19	1 3	5 2	0 47	21 44	1 23
T 8	22 32	17 20	5 13	25 20	2 8	23 8	0 59	5 5	0 16	22 18	0 31	22 19	1 3	5 1	0 47	21 44	1 23
W 9	22 38	12 28	5 16	25 10	2 1	22 48	0 44	5 15	0 14	22 19	0 31	22 19	1 3	5 1	0 47	21 44	1 23
T 10	22 44	6 51	5 1	25 0	1 52	22 28	0 28	5 26	0 12	22 20	0 31	22 19	1 3	5 1	0 47	21 44	1 23
F 11	22 50	0 46	4 28	24 48	1 42	22 7	0 13	5 37	0 9	22 21	0 31	22 19	1 2	5 0	0 47	21 45	1 23
S 12	22 55	5n29	3 38	24 36	1 31	21 47	0n 3	5 48	0 7	22 23	0 30	22 19	1 2	5 0	0 47	21 45	1 23
S 13	23 0	11 34	2 32	24 22	1 19	21 28	0 18	5 59	0 5	22 24	0 30	22 19	1 2	5 0	0 47	21 45	1 23
M14	23 4	17 4	1 16	24 8	1 5	21 8	0 33	6 10	0 2	22 25	0 30	22 19	1 2	5 0	0 47	21 45	1 23
T 15	23 8	21 32	0n 6	23 54	0 49	20 49	0 48	6 21	0 0	22 26	0 30	22 19	1 2	4 59	0 47	21 45	1 23
W16	23 11	24 34	1 27	23 38	0 33	20 31	1 2	6 32	0n 2	22 27	0 30	22 19	1 2	4 59	0 47	21 45	1 23
T 17	23 14	25 52	2 41	23 22	0 15	20 13	1 16	6 44	0 4	22 28	0 30	22 19	1 2	4 59	0 47	21 45	1 23
F 18	23 16	25 24	3 43	23 6	0n 4	19 56	1 29	6 55	0 6	22 29	0 30	22 19	1 2	4 59	0 47	21 45	1 23
S 19	23 18	23 21	4 30	22 49	0 24	19 40	1 42	7 7	0 8	22 31	0 30	22 19	1 2	4 59	0 47	21 46	1 23
S 20	23 20	20 1	5 1	22 31	0 44	19 25	1 55	7 18	0 10	22 32	0 30	22 19	1 2	4 59	0 47	21 46	1 23
M21	23 21	15 47	5 14	22 14	1 4	19 10	2 7	7 30	0 12	22 33	0 30	22 19	1 2	4 59	0 47	21 46	1 23
T 22	23 21	10 59	5 12	21 56	1 24	18 57	2 19	7 41	0 14	22 34	0 30	22 19	1 2	4 59	0 47	21 46	1 23
W23	23 21	5 52	4 55	21 39	1 42	18 44	2 30	7 53	0 16	22 35	0 30	22 19	1 2	4 59	0 47	21 46	1 23
T 24	23 21	0 38	4 25	21 22	2 0	18 32	2 40	8 5	0 18	22 35	0 30	22 19	1 2	4 59	0 47	21 46	1 23
F 25	23 20	4s33	3 44	21 6	2 15	18 22	2 50	8 17	0 19	22 36	0 30	22 19	1 1	4 59	0 47	21 46	1 23
S 26	23 19	9 32	2 54	20 52	2 28	18 12	3 0	8 29	0 21	22 37	0 29	22 19	1 1	4 59	0 47	21 46	1 23
S 27	23 17	14 11	1 57	20 39	2 39	18 3	3 9	8 40	0 23	22 38	0 29	22 19	1 1	4 59	0 48	21 47	1 23
M28	23 15	18 19	0 54	20 29	2 47	17 55	3 17	8 52	0 24	22 39	0 29	22 19	1 1	4 59	0 48	21 47	1 23
T 29	23 12	21 45	0s11	20 20	2 54	17 48	3 25	9 4	0 26	22 40	0 29	22 19	1 1	4 59	0 48	21 47	1 23
W30	23 9	24 16	1 17	20 15	2 57	17 42	3 33	9 16	0 28	22 41	0 29	22 19	1 1	4 59	0 48	21 47	1 23
T 31	23s 5	25s40	2s20	20s12	2n59	17s37	3n40	9n29	0n29	22s41	0n29	22s19	1n 1	4n59	0n48	21s47	1n23

Julian Day Number = 2683807.5, Delta T = 22m36s

Ecliptic obliquity = 23°21'27", Nutation = - 0°00'17"

Ayanamsha: Fagan/Bradley = 33°38'07", Lahiri = 32°45'07"

# ASTRODIENST EPHEMERIS for the year 2636

JANUARY 2636

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	6 39 50	9♂29'57	15♂2 2	22°R40	6♂5 5	23°Y47	23♂13	2♂59	19°R13	22♂53	17°R39	5°R50	4♂18	11♂20	19♂10	F 1
S 2	6 43 46	10°31'03	27°49	22°D31	6°19	24°17	23°26	3° 6	19°12	22°55	17°II38	5°II44	4°15	11°26	19°17	S 2
S 3	6 47 43	11°32'09	10♂50	22♂32	6°34	24°46	23°39	3°13	19°12	22°57	17°37	5°38	4°12	11°33	19°23	S 3
M 4	6 51 40	12°33'15	24° 4	22°43	6°52	25°16	23°52	3°20	19°11	23° 0	17°36	5°31	4° 9	11°40	19°30	M 4
T 5	6 55 36	13°34'21	7♂31	23° 1	7°12	25°46	24° 6	3°27	19°11	23° 2	17°35	5°26	4° 6	11°46	19°36	T 5
W 6	6 59 33	14°35'28	21° 8	23°28	7°34	26°16	24°19	3°34	19°10	23° 4	17°34	5°22	4° 3	11°53	19°42	W 6
T 7	7 3 29	15°36'34	4°Y57	24° 1	7°57	26°46	24°32	3°41	19° 9	23° 6	17°33	5°19	3°59	12° 0	19°48	T 7
F 8	7 7 26	16°37'40	18°55	24°40	8°22	27°17	24°45	3°48	19° 9	23° 8	17°32	5°D19	3°56	12° 6	19°55	F 8
S 9	7 11 22	17°38'47	3♂ 3	25°25	8°50	27°48	24°58	3°55	19° 8	23°10	17°31	5°20	3°53	12°13	20° 1	S 9
S 10	7 15 19	18°39'53	17°19	26°15	9°18	28°19	25°11	4° 2	19° 7	23°12	17°30	5°21	3°50	12°20	20° 6	S 10
M11	7 19 15	19°41'00	1♂41	27°10	9°49	28°50	25°24	4° 9	19° 6	23°14	17°30	5°R22	3°47	12°26	20°12	M11
T 12	7 23 12	20°42'06	16° 7	28° 8	10°20	29°21	25°36	4°16	19° 5	23°16	17°29	5°21	3°44	12°33	20°18	T 12
W13	7 27 9	21°43'12	0♂31	29°10	10°54	29°53	25°49	4°23	19° 4	23°19	17°28	5°19	3°40	12°40	20°24	W13
T 14	7 31 5	22°44'19	14°48	0♂14	11°29	0♂24	26° 2	4°30	19° 3	23°21	17°27	5°14	3°37	12°46	20°29	T 14
F 15	7 35 2	23°45'25	28°54	1°22	12° 5	0°56	26°15	4°36	19° 2	23°23	17°26	5° 7	3°34	12°53	20°35	F 15
S 16	7 38 58	24°46'31	12♂43	2°31	12°42	1°28	26°27	4°43	19° 1	23°25	17°25	4°59	3°31	13° 0	20°40	S 16
S 17	7 42 55	25°47'37	26°11	3°43	13°21	2° 0	26°40	4°50	19° 0	23°27	17°24	4°49	3°28	13° 6	20°46	S 17
M18	7 46 51	26°48'44	9♂17	4°57	14° 1	2°33	26°53	4°57	18°58	23°29	17°23	4°41	3°24	13°13	20°51	M18
T 19	7 50 48	27°49'50	22° 2	6°13	14°42	3° 5	27° 5	5° 4	18°57	23°31	17°22	4°33	3°21	13°19	20°56	T 19
W20	7 54 44	28°50'56	4♂26	7°30	15°25	3°38	27°18	5°10	18°56	23°32	17°22	4°28	3°18	13°26	21° 1	W20
T 21	7 58 41	29°52'03	16°34	8°48	16° 8	4°10	27°30	5°17	18°54	23°34	17°21	4°24	3°15	13°33	21° 6	T 21
F 22	8 2 38	0♂53'09	28°30	10° 8	16°53	4°43	27°42	5°24	18°53	23°36	17°20	4°D23	3°12	13°39	21°11	F 22
S 23	8 6 34	1°54'16	10♂19	11°29	17°38	5°16	27°55	5°30	18°51	23°38	17°19	4°24	3° 9	13°46	21°16	S 23
S 24	8 10 31	2°55'22	22° 7	12°51	18°25	5°49	28° 7	5°37	18°50	23°40	17°18	4°25	3° 5	13°53	21°21	S 24
M25	8 14 27	3°56'29	3♂59	14°14	19°12	6°22	28°19	5°43	18°48	23°42	17°18	4°R25	3° 2	13°59	21°25	M25
T 26	8 18 24	4°57'35	16° 0	15°38	20° 1	6°56	28°31	5°50	18°47	23°44	17°17	4°24	2°59	14° 6	21°30	T 26
W27	8 22 20	5°58'42	28°15	17° 3	20°50	7°29	28°44	5°56	18°45	23°45	17°16	4°21	2°56	14°13	21°34	W27
T 28	8 26 17	6°59'48	10♂36	18°29	21°40	8° 3	28°56	6° 3	18°43	23°47	17°16	4°16	2°53	14°19	21°38	T 28
F 29	8 30 13	8° 0'53	23°46	19°56	22°31	8°37	29° 7	6° 9	18°41	23°49	17°15	4° 8	2°50	14°26	21°43	F 29
S 30	8 34 10	9° 1'58	6♂44	21°23	23°22	9°11	29°19	6°16	18°40	23°51	17°14	3°57	2°46	14°33	21°47	S 30
S 31	8 38 7	10♂3'03	20♂10	22♂51	24♂14	9♂45	29♂31	6♂22	18♂38	23♂52	17♂14	3♂46	2♂43	14♂39	21♂51	S 31

Day	☉	☽		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	23s 1	25s47	3s17	20s11	2n59	17s32	3n46	9n41	0n31	22s42	0n29	22s18	1n 1	4n59	0n48	21s47	1n23	11n15	11s35	21n12	20n56	13s16	15s56	1n35	
S 2	22 57	24 32	4 6	20 12	2 57	17 28	3 52	9 53	0 32	22 43	0 29	22 18	1 1	5 0	0 48	21 47	1 23	11 15	11 35	21 11	20 55	13 19	15 57	1 36	
S 3	22 52	21 59	4 42	20 15	2 54	17 26	3 58	10 5	0 34	22 43	0 29	22 18	1 1	5 0	0 48	21 47	1 23	11 15	11 35	21 10	20 55	13 21	15 58	1 36	
M 4	22 46	18 14	5 4	20 20	2 49	17 23	4 3	10 17	0 35	22 44	0 29	22 18	1 1	5 0	0 48	21 47	1 23	11 15	11 35	21 9	20 54	13 24	16 0	1 37	
T 5	22 40	13 31	5 10	20 27	2 44	17 22	4 8	10 29	0 36	22 45	0 29	22 18	1 1	5 0	0 48	21 48	1 23	11 15	11 35	21 8	20 54	13 27	16 1	1 37	
W 6	22 34	8 5	4 59	20 34	2 38	17 21	4 12	10 41	0 38	22 45	0 29	22 18	1 1	5 1	0 48	21 48	1 23	11 15	11 35	21 7	20 53	13 30	16 2	1 37	
T 7	22 27	2 11	4 30	20 43	2 31	17 21	4 16	10 54	0 39	22 46	0 29	22 18	1 1	5 1	0 48	21 48	1 23	11 15	11 35	21 7	20 52	13 33	16 3	1 38	
F 8	22 20	3n55	3 45	20 52	2 23	17 21	4 19	11 6	0 40	22 47	0 29	22 18	1 1	5 1	0 48	21 48	1 23	11 15	11 34	21 7	20 52	13 35	16 5	1 38	
S 9	22 12	9 53	2 46	21 1	2 15	17 22	4 23	11 18	0 42	22 47	0 29	22 17	1 1	5 2	0 48	21 48	1 23	11 15	11 34	21 7	20 51	13 38	16 6	1 39	
S 10	22 4	15 24	1 36	21 11	2 7	17 24	4 25	11 30	0 43	22 48	0 29	22 17	1 1	5 2	0 48	21 48	1 23	11 15	11 34	21 7	20 51	13 41	16 7	1 39	
M11	21 55	20 6	0 20	21 21	1 59	17 26	4 28	11 42	0 44	22 48	0 29	22 17	1 1	5 2	0 48	21 48	1 23	11 15	11 34	21 7	20 50	13 44	16 8	1 40	
T 12	21 46	23 36	0n58	21 31	1 50	17 28	4 30	11 55	0 45	22 49	0 28	22 17	1 1	5 3	0 48	21 48	1 23	11 15	11 34	21 7	20 49	13 46	16 9	1 40	
W13	21 37	25 33	2 12	21 40	1 41	17 31	4 32	12 7	0 46	22 49	0 28	22 17	1 1	5 3	0 48	21 48	1 23	11 15	11 34	21 7	20 49	13 49	16 10	1 41	
T 14	21 27	25 48	3 16	21 49	1 32	17 34	4 33	12 19	0 47	22 50	0 28	22 16	1 0	5 4	0 48	21 48	1 23	11 15	11 33	21 6	20 48	13 52	16 11	1 41	
F 15	21 17	24 21	4 8	21 58	1 23	17 38	4 34	12 31	0 49	22 50	0 28	22 16	1 0	5 4	0 48	21 49	1 23	11 16	11 33	21 5	20 48	13 55	16 12	1 42	
S 16	21 6	21 29	4 44	22 6	1 14	17 42	4 35	12 43	0 50	22 50	0 28	22 16	1 0	5 5	0 48	21 49	1 23	11 16	11 33	21 3	20 47	13 58	16 13	1 42	
S 17	20 55	17 30	5 3	22 13	1 5	17 46	4 36	12 55	0 51	22 51	0 28	22 16	1 0	5 5	0 48	21 49	1 23	11 16	11 33	21 2	20 46	14 0	16 14	1 42	
M18	20 43	12 47	5 6	22 20	0 56	17 50	4 36	13 7	0 52	22 51	0 28	22 16	1 0	5 6	0 48	21 49	1 23	11 16	11 33	21 0	20 46	14 3	16 15	1 43	
T 19	20 31	7 38	4 53	22 25	0 48	17 55	4 36	13 19	0 53	22 51	0 28	22 15	1 0	5 6	0 48	21 49	1 23	11 16	11 32	20 59	20 45	14 6	16 16	1 43	
W20	20 19	2 19	4 26	22 30	0 39	17 59	4 36	13 31	0 54	22 52	0 28	22 15	1 0	5 7	0 49	21 49	1 23	11 16	11 32	20 58	20 45	14 9	16 17	1 44	
T 21	20 7	2s59	3 48	22 34	0 30	18 4	4 36	13 43	0 55	22 52	0 28	22 15	1 0	5 7	0 49	21 49	1 23	11 16	11 32	20 57	20 44	14 11	16 18	1 44	
F 22	19 54	8 5	3 0	22 37	0 22	18 9	4 35	13 55	0 56	22 52	0 28	22 15	1 0	5 8	0 49	21 49	1 23	11 16	11 32	20 57	20 43	14 14	16 18	1 45	
S 23	19 40	12 52	2 6	22 38	0 14	18 14	4 34	14 7	0 56	22 53	0 28	22 14	1 0	5 8	0 49	21 49	1 23	11 17	11 32	20 57	20 43	14 17	16 19	1 45	
S 24	19 26	17 11	1 6	22 39	0 5	18 19	4 33	14 19	0 57	22 53	0 28	22 14	1 0	5 9	0 49	21 49	1 23	11 17	11 31	20 57	20 42	14 20	16 20	1 46	
M25	19 12	20 50	0 2	22 39	0s 3	18 24	4 32	14 31	0 58	22 53	0 28	22 14	1 0	5 10	0 49	21 49	1 23	11 17	11 31	20 57	20 42	14 23	16 21	1 46	
T 26	18 58	23 39	1s 2	22 37	0 10	18 29	4 31	14 43	0 59	22 53	0 28	22 14	1 0	5 10	0 49	21 49	1 23	11 17	11 31	20 57	20 41	14 25	16 21	1 47	
W27	18 43	25 25	2 4	22 34	0 18	18 34	4 29	14 54	1 0	22 53	0 28	22 13	1 0	5 11	0 49	21 49	1 23	11 17	11 31	20 57	20 40	14 28	16 22	1 47	
T 28	18 28	25 56	3 1	22 31	0 26	18 39	4 27	15 6	1 1	22 53	0 28	22 13	1 0	5 12	0 49	21 49	1 23	11 17	11 31	20 55	20 40	14 31	16 23	1 48	
F 29	18 12	25 6	3 51	22 26	0 33	18 44	4 25	15 18	1 1	22 54	0 28	22 13	1 0	5 12	0 49	21 49	1 23	11 18	11 30	20 54	20 39	14 34	16 23	1 48	
S 30	17 56	22 52	4 29	22 19	0 40	18 49	4 23	15 29	1 2	22 54	0 28	22 13	1 0	5 13	0 49	21 50	1 23	11 18	11 30	20 52	20 39	14 36	16 24	1 49	
S 31	17s40	19s21	4s54	22s12	0s47	18s54	4n21	15n41	1n 3	22s54	0n28	22s12	1n 0	5n14	0n49	21s50	1n24	11n18	11s30	20n50	20n38	14s39	16s24	1n49	





# ASTRODIENST EPHEMERIS for the year 2636

APRIL 2636

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 38 36	11°Y29'37	20°B16	26°R23	29°A13	16°II17	8°Z17	10°Z47	16°R10	24°R42	17°II14	27°R45	29°B29	21°M25	22°R27	F 1
S 2	12 42 33	12°29'12	4°II56	26°Y21	0°X23	16°54	8°21	10°49	16°7	24°A42	17°14	27°D45	29°26	21°31	22°M24	S 2
S 3	12 46 29	13°28'44	19°21	26°12	1°33	17°31	8°25	10°51	16° 5	24°42	17°15	27°B46	29°23	21°38	22°22	S 3
M 4	12 50 26	14°28'15	3°E28	25°56	2°43	18° 8	8°29	10°52	16° 3	24°41	17°16	27°47	29°20	21°45	22°19	M 4
T 5	12 54 23	15°27'43	17°16	25°32	3°53	18°45	8°33	10°54	16° 1	24°41	17°16	27°R48	29°17	21°51	22°16	T 5
W 6	12 58 19	16°27'09	0°Q47	25° 3	5° 3	19°22	8°37	10°55	15°59	24°41	17°17	27°47	29°13	21°58	22°13	W 6
T 7	13 2 16	17°26'32	14° 1	24°28	6°13	19°59	8°40	10°57	15°56	24°41	17°18	27°44	29°10	22° 5	22° 9	T 7
F 8	13 6 12	18°25'54	26°59	23°47	7°23	20°36	8°43	10°58	15°54	24°40	17°19	27°39	29° 7	22°11	22° 6	F 8
S 9	13 10 9	19°25'13	9°M44	23° 4	8°33	21°13	8°47	10°59	15°52	24°40	17°19	27°33	29° 4	22°18	22° 3	S 9
S 10	13 14 5	20°24'29	22°17	22°17	9°44	21°51	8°50	11° 0	15°50	24°39	17°20	27°27	29° 1	22°25	21°59	S 10
M11	13 18 2	21°23'44	4°A38	21°28	10°54	22°28	8°52	11° 1	15°48	24°39	17°21	27°20	28°58	22°31	21°56	M11
T 12	13 21 58	22°22'56	16°49	20°38	12° 4	23° 5	8°55	11° 2	15°46	24°38	17°22	27°14	28°54	22°38	21°52	T 12
W13	13 25 55	23°22'07	28°52	19°49	13°15	23°42	8°57	11° 2	15°44	24°38	17°23	27°10	28°51	22°45	21°49	W13
T 14	13 29 52	24°21'15	10°M47	19° 0	14°25	24°19	8°59	11° 3	15°42	24°37	17°24	27° 7	28°48	22°51	21°45	T 14
F 15	13 33 48	25°20'22	22°37	18°14	15°36	24°56	9° 1	11° 3	15°41	24°37	17°25	27°D 5	28°45	22°58	21°41	F 15
S 16	13 37 45	26°19'27	4°A24	17°30	16°47	25°33	9° 3	11° 4	15°39	24°36	17°25	27° 5	28°42	23° 5	21°38	S 16
S 17	13 41 41	27°18'30	16°12	16°49	17°58	26°10	9° 5	11° 4	15°37	24°35	17°26	27° 7	28°39	23°11	21°34	S 17
M18	13 45 38	28°17'31	28° 4	16°13	19° 8	26°48	9° 6	11° 4	15°35	24°35	17°27	27° 8	28°35	23°18	21°30	M18
T 19	13 49 34	29°16'30	10°Z 4	15°41	20°19	27°25	9° 8	11° 4	15°34	24°34	17°28	27°10	28°32	23°24	21°26	T 19
W20	13 53 31	0°B15'28	22°19	15°14	21°30	28° 2	9° 9	11°R 4	15°32	24°33	17°29	27°11	28°29	23°31	21°22	W20
T 21	13 57 27	1°14'24	4°A51	14°52	22°41	28°39	9°10	11° 4	15°30	24°32	17°30	27°R11	28°26	23°38	21°18	T 21
F 22	14 1 24	2°13'18	17°45	14°35	23°52	29°16	9°11	11° 4	15°29	24°32	17°31	27°11	28°23	23°44	21°14	F 22
S 23	14 5 21	3°12'11	1°X 5	14°23	25° 3	29°53	9°11	11° 4	15°27	24°31	17°32	27° 9	28°19	23°51	21° 9	S 23
S 24	14 9 17	4°11'01	14°53	14°17	26°14	0°E31	9°11	11° 4	15°26	24°30	17°33	27° 6	28°16	23°58	21° 5	S 24
M25	14 13 14	5° 9'50	29° 8	14°D16	27°25	1° 8	9°R12	11° 3	15°24	24°29	17°34	27° 3	28°13	24° 4	21° 1	M25
T 26	14 17 10	6° 8'38	13°Y48	14°20	28°37	1°45	9°12	11° 2	15°23	24°28	17°35	27° 0	28°10	24°11	20°57	T 26
W27	14 21 7	7° 7'23	28°45	14°30	29°48	2°22	9°11	11° 2	15°22	24°27	17°36	26°58	28° 7	24°18	20°52	W27
T 28	14 25 3	8° 6'07	13°B53	14°44	0°Y59	2°59	9°11	11° 1	15°20	24°26	17°38	26°56	28° 4	24°24	20°48	T 28
F 29	14 29 0	9° 4'48	29° 1	15° 3	2°10	3°37	9°10	11° 0	15°19	24°25	17°39	26°D56	28° 0	24°31	20°43	F 29
S 30	14 32 56	10°B 3'28	14°II 1	15°Y27	3°Y22	4°E14	9°Z10	10°Z59	15°M18	24°A24	17°II40	26°B56	27°B57	24°M38	20°M39	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	4n32	17n 6	0s40	13n10	3n15	11s41	0n 2	24n 3	1n25	22s40	0n26	21s55	1n 1	6n12	0n49	21s49	1n26	11n34	11s14	19n36	19n58	17s21	16s 2	2n22			
S 2	4 55	21 41	0n39	13 14	3 19	11 20	0s 2	24 7	1 25	22 40	0 26	21 54	1 1	6 13	0 49	21 49	1 26	11 34	11 13	19 36	19 58	17 24	16 1	2 23			
S 3	5 18	24 50	1 54	13 13	3 22	10 59	0 6	24 11	1 25	22 39	0 26	21 54	1 1	6 14	0 49	21 49	1 26	11 35	11 13	19 36	19 57	17 26	15 59	2 23			
M 4	5 41	26 20	3 1	13 8	3 23	10 38	0 10	24 14	1 25	22 39	0 26	21 54	1 1	6 14	0 49	21 49	1 26	11 35	11 13	19 36	19 56	17 29	15 58	2 24			
T 5	6 4	26 9	3 56	12 59	3 22	10 16	0 14	24 18	1 25	22 39	0 26	21 54	1 1	6 15	0 49	21 49	1 26	11 35	11 13	19 36	19 56	17 31	15 57	2 24			
W 6	6 27	24 25	4 37	12 46	3 20	9 54	0 18	24 21	1 25	22 39	0 26	21 54	1 1	6 16	0 49	21 49	1 26	11 36	11 12	19 36	19 55	17 34	15 56	2 25			
T 7	6 50	21 22	5 1	12 29	3 16	9 32	0 22	24 24	1 25	22 39	0 26	21 54	1 1	6 17	0 49	21 49	1 26	11 36	11 12	19 35	19 54	17 37	15 54	2 25			
F 8	7 12	17 20	5 10	12 9	3 10	9 10	0 25	24 26	1 25	22 38	0 26	21 53	1 1	6 18	0 49	21 49	1 26	11 36	11 12	19 34	19 54	17 39	15 53	2 26			
S 9	7 35	12 34	5 3	11 45	3 2	8 47	0 29	24 29	1 25	22 38	0 26	21 53	1 1	6 18	0 49	21 49	1 26	11 37	11 12	19 33	19 53	17 42	15 52	2 26			
S 10	7 57	7 22	4 42	11 19	2 53	8 24	0 32	24 31	1 25	22 38	0 26	21 53	1 1	6 19	0 49	21 49	1 26	11 37	11 11	19 31	19 52	17 44	15 50	2 27			
M11	8 19	1 57	4 7	10 51	2 42	8 1	0 36	24 34	1 25	22 38	0 26	21 53	1 1	6 20	0 49	21 49	1 26	11 37	11 11	19 30	19 52	17 47	15 49	2 27			
T 12	8 41	3s28	3 22	10 21	2 30	7 37	0 39	24 36	1 25	22 38	0 26	21 53	1 1	6 21	0 49	21 49	1 26	11 38	11 11	19 29	19 51	17 49	15 48	2 28			
W13	9 3	8 43	2 28	9 50	2 17	7 13	0 43	24 38	1 25	22 38	0 26	21 53	1 1	6 21	0 49	21 49	1 26	11 38	11 11	19 27	19 50	17 52	15 46	2 28			
T 14	9 25	13 37	1 28	9 19	2 3	6 49	0 46	24 39	1 25	22 38	0 26	21 53	1 1	6 22	0 49	21 49	1 26	11 38	11 10	19 27	19 49	17 54	15 45	2 29			
F 15	9 46	17 58	0 25	8 47	1 48	6 25	0 49	24 41	1 25	22 37	0 26	21 53	1 1	6 23	0 49	21 49	1 26	11 38	11 10	19 26	19 49	17 57	15 43	2 29			
S 16	10 8	21 36	0s40	8 16	1 32	6 0	0 52	24 42	1 25	22 37	0 26	21 53	1 1	6 24	0 49	21 49	1 26	11 39	11 10	19 27	19 48	17 59	15 42	2 30			
S 17	10 29	24 21	1 43	7 45	1 16	5 35	0 55	24 43	1 25	22 37	0 26	21 53	1 1	6 24	0 49	21 48	1 26	11 39	11 10	19 27	19 47	18 2	15 41	2 30			
M18	10 50	26 3	2 42	7 16	0 59	5 10	0 58	24 44	1 25	22 37	0 26	21 53	1 1	6 25	0 49	21 48	1 27	11 39	11 10	19 27	19 47	18 4	15 39	2 31			
T 19	11 11	26 33	3 35	6 49	0 43	4 45	1 1	24 45	1 25	22 37	0 26	21 53	1 2	6 25	0 49	21 48	1 27	11 40	11 9	19 28	19 46	18 7	15 38	2 31			
W20	11 31	25 46	4 19	6 23	0 26	4 20	1 4	24 46	1 25	22 37	0 26	21 53	1 2	6 26	0 49	21 48	1 27	11 40	11 9	19 28	19 45	18 9	15 36	2 31			
T 21	11 52	23 42	4 51	5 59	0 10	3 55	1 6	24 46	1 25	22 37	0 26	21 53	1 2	6 27	0 49	21 48	1 27	11 40	11 9	19 28	19 45	18 12	15 35	2 32			
F 22	12 12	20 23	5 11	5 38	0s 6	3 29	1 9	24 46	1 25	22 37	0 26	21 53	1 2	6 27	0 49	21 48	1 27	11 40	11 9	19 28	19 44	18 14	15 33	2 32			
S 23	12 32	15 57	5 14	5 20	0 21	3 3	1 11	24 47	1 25	22 37	0 25	21 53	1 2	6 28	0 49	21 48	1 27	11 41	11 8	19 27	19 43	18 17	15 32	2 33			
S 24	12 52	10 33	5 0	5 4	0 36	2 37	1 14	24 46	1 25	22 37	0 25	21 53	1 2	6 28	0 49	21 48	1 27	11 41	11 8	19 27	19 42	18 19	15 30	2 33			
M25	13 12	4 26	4 27	4 50	0 50	2 11	1 16	24 46	1 25	22 37	0 25	21 53	1 2	6 29	0 49	21 48	1 27	11 41	11 8	19 26	19 42	18 22	15 29	2 34			
T 26	13 31	2n 6	3 36	4 39	1 4	1 45	1 19	24 46	1 25	22 37	0 25	21 53	1 2	6 29	0 49	21 48	1 27	11 42	11 8	19 25	19 41	18 24	15 27	2 34			
W27	13 51	8 40	2 29	4 31	1 17	1 19	1 21	24 45	1 25	22 37	0 25	21 53	1 2	6 30	0 48	21 48	1 27	11 42	11 8	19 25	19 40	18 27	15 26	2 34			
T 28	14 10	14 49	1 12	4 25	1 29	0 53	1 23	24 44	1 25	22 37	0 25	21 53	1 2	6 30	0 48	21 48	1 27	11 42	11 8	19 24	19 40	18 29	15 24	2 35			
F 29	14 28	20 4	0n12	4 22	1 40	0 26	1 25	24 43	1 25	22 37	0 25	21 53	1 2	6 31	0 48	21 48	1 27	11 42	11 7	19 24	19 39	18 32	15 23	2 35			
S 30	14n47	23n57	1n33	4n21	1s51	0n 0	1s27	24n42	1n25	22s37	0n25	21s53	1n 2	6n31	0n48	21s48	1n27	11n43	11s 7	19n24	19n38	18s34	15s21	2n36			

## ASTRODIENST EPHEMERIS for the year 2636

MAY 2636

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 36 53	11♌ 2°06'	28♏ 46'	15♍ 55'	4♍ 33'	4♌ 51'	9°R 9'	10°R 58'	15°R 17'	24°R 23'	17♏ 41'	26♌ 57'	27♌ 54'	24♏ 44'	20°R 34'	S 1
M 2	14 40 50	12° 04'	13♏ 9'	16° 27'	5° 45'	5° 28'	9° 7'	10° 57'	15° 16'	24° 22'	17° 42'	26° 59'	27° 51'	24° 51'	20°M 30'	M 2
T 3	14 44 46	12° 59' 15"	27° 8'	17° 3'	6° 56'	6° 6'	9° 6'	10° 56'	15° 15'	24° 21'	17° 43'	27° 0'	27° 48'	24° 57'	20° 25'	T 3
W 4	14 48 43	13° 57' 46"	10♏ 43'	17° 43'	8° 8'	6° 43'	9° 5'	10° 54'	15° 14'	24° 20'	17° 44'	27°R 0'	27° 45'	25° 4'	20° 21'	W 4
T 5	14 52 39	14° 56' 15"	23° 56'	18° 27'	9° 19'	7° 20'	9° 3'	10° 53'	15° 13'	24° 19'	17° 45'	27° 0'	27° 41'	25° 11'	20° 16'	T 5
F 6	14 56 36	15° 54' 42"	6♏ 47'	19° 14'	10° 31'	7° 57'	9° 1'	10° 51'	15° 12'	24° 17'	17° 47'	26° 59'	27° 38'	25° 17'	20° 12'	F 6
S 7	15 0 32	16° 53' 07"	19° 22'	20° 5'	11° 42'	8° 35'	8° 59'	10° 50'	15° 11'	24° 16'	17° 48'	26° 58'	27° 35'	25° 24'	20° 7'	S 7
S 8	15 4 29	17° 51' 29"	1♏ 41'	20° 59'	12° 54'	9° 12'	8° 57'	10° 48'	15° 10'	24° 15'	17° 49'	26° 57'	27° 32'	25° 31'	20° 3'	S 8
M 9	15 8 25	18° 49' 50"	13° 49'	21° 56'	14° 5'	9° 49'	8° 54'	10° 46'	15° 9'	24° 14'	17° 50'	26° 56'	27° 29'	25° 37'	19° 58'	M 9
T 10	15 12 22	19° 48' 08"	25° 49'	22° 56'	15° 17'	10° 26'	8° 52'	10° 44'	15° 9'	24° 13'	17° 51'	26° 55'	27° 25'	25° 44'	19° 53'	T 10
W 11	15 16 19	20° 46' 25"	7♏ 42'	23° 59'	16° 29'	11° 4'	8° 49'	10° 42'	15° 8'	24° 11'	17° 53'	26° 54'	27° 22'	25° 51'	19° 49'	W 11
T 12	15 20 15	21° 44' 40"	19° 32'	25° 4'	17° 40'	11° 41'	8° 46'	10° 40'	15° 8'	24° 10'	17° 54'	26° 54'	27° 19'	25° 57'	19° 44'	T 12
F 13	15 24 12	22° 42' 54"	1♌ 19'	26° 12'	18° 52'	12° 18'	8° 43'	10° 38'	15° 7'	24° 9'	17° 55'	26°D 54'	27° 16'	26° 4'	19° 40'	F 13
S 14	15 28 8	23° 41' 05"	13° 8'	27° 23'	20° 4'	12° 55'	8° 39'	10° 36'	15° 6'	24° 7'	17° 56'	26° 54'	27° 13'	26° 11'	19° 35'	S 14
S 15	15 32 5	24° 39' 16"	24° 59'	28° 37'	21° 16'	13° 33'	8° 36'	10° 34'	15° 6'	24° 6'	17° 58'	26° 54'	27° 10'	26° 17'	19° 31'	S 15
M 16	15 36 1	25° 37' 24"	6♌ 56'	29° 52'	22° 28'	14° 10'	8° 32'	10° 31'	15° 6'	24° 5'	17° 59'	26° 54'	27° 6'	26° 24'	19° 26'	M 16
T 17	15 39 58	26° 35' 31"	19° 2	1♌ 10'	23° 39'	14° 47'	8° 28'	10° 29'	15° 5'	24° 3'	18° 0'	26°R 54'	27° 3	26° 30'	19° 21'	T 17
W 18	15 43 54	27° 33' 37"	1♏ 20'	2° 31'	24° 51'	15° 24'	8° 24'	10° 26'	15° 5'	24° 2'	18° 2'	26° 54'	27° 0'	26° 37'	19° 17'	W 18
T 19	15 47 51	28° 31' 41"	13° 53'	3° 53'	26° 3'	16° 2'	8° 20'	10° 24'	15° 5'	24° 1'	18° 3'	26° 54'	26° 57'	26° 44'	19° 12'	T 19
F 20	15 51 48	29° 29' 44"	26° 45'	5° 18'	27° 15'	16° 39'	8° 16'	10° 21'	15° 5'	23° 59'	18° 4'	26°D 54'	26° 54'	26° 50'	19° 8'	F 20
S 21	15 55 44	0♏ 27' 46"	9♌ 59'	6° 45'	28° 27'	17° 16'	8° 11'	10° 18'	15° 5'	23° 58'	18° 5'	26° 54'	26° 50'	26° 57'	19° 4'	S 21
S 22	15 59 41	1° 25' 46"	23° 38'	8° 15'	29° 39'	17° 53'	8° 7'	10° 15'	15° 5'	23° 56'	18° 7'	26° 54'	26° 47'	27° 4	18° 59'	S 22
M 23	16 3 37	2° 23' 45"	7♍ 43'	9° 46'	0♌ 51'	18° 31'	8° 2'	10° 12'	15°D 5'	23° 55'	18° 8'	26° 55'	26° 44'	27° 10'	18° 55'	M 23
T 24	16 7 34	3° 21' 43"	22° 12'	11° 20'	2° 3'	19° 8'	7° 57'	10° 9'	15° 5'	23° 53'	18° 9'	26° 55'	26° 41'	27° 17'	18° 50'	T 24
W 25	16 11 30	4° 19' 39"	7♌ 1	12° 55'	3° 15'	19° 45'	7° 52'	10° 6'	15° 5'	23° 52'	18° 11'	26° 56'	26° 38'	27° 24'	18° 46'	W 25
T 26	16 15 27	5° 17' 34"	22° 6'	14° 33'	4° 27'	20° 23'	7° 46'	10° 3'	15° 5'	23° 50'	18° 12'	26°R 56'	26° 35'	27° 30'	18° 42'	T 26
F 27	16 19 23	6° 15' 28"	7♏ 17'	16° 13'	5° 39'	21° 0'	7° 41'	10° 0'	15° 5'	23° 49'	18° 13'	26° 56'	26° 31'	27° 37'	18° 38'	F 27
S 28	16 23 20	7° 13' 21"	22° 25'	17° 55'	6° 52'	21° 37'	7° 36'	9° 56'	15° 5'	23° 47'	18° 15'	26° 56'	26° 28'	27° 44'	18° 33'	S 28
S 29	16 27 17	8° 11' 12"	7♌ 21'	19° 39'	8° 4'	22° 14'	7° 30'	9° 53'	15° 6'	23° 46'	18° 16'	26° 54'	26° 25'	27° 50'	18° 29'	S 29
M 30	16 31 13	9° 9' 01"	21° 57'	21° 25'	9° 16'	22° 52'	7° 24'	9° 50'	15° 6'	23° 44'	18° 17'	26° 53'	26° 22'	27° 57'	18° 25'	M 30
T 31	16 35 10	10♏ 6' 49"	6♏ 8'	23♌ 13'	10♌ 28'	23♌ 29'	7♌ 18'	9♌ 46'	15° 7'	23° 43'	18° 19'	26♌ 52'	26♌ 19'	28♌ 4'	18° 21'	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	15n 5'	26n 8'	2n47'	4n22'	2s 1'	0n27'	1s29'	24n41'	1n25'	22s38'	0n25'	21s53'	1n 2'	6n32'	0n48'	21s47'
M 2	15 23	26 30	3 49	4 26	2 10	0 53	1 30	24 39	1 25	22 38	0 25	21 53	1 2	6 32	0 48	21 47
T 3	15 41	25 9	4 35	4 32	2 19	1 20	1 32	24 38	1 25	22 38	0 25	21 53	1 2	6 32	0 48	21 47
W 4	15 59	22 22	5 4	4 40	2 26	1 47	1 34	24 36	1 25	22 38	0 25	21 53	1 2	6 33	0 48	21 47
T 5	16 16	18 28	5 16	4 51	2 33	2 13	1 35	24 34	1 24	22 38	0 25	21 53	1 2	6 33	0 48	21 47
F 6	16 33	13 49	5 12	5 3	2 39	2 40	1 37	24 31	1 24	22 38	0 25	21 53	1 2	6 33	0 48	21 47
S 7	16 49	8 42	4 53	5 17	2 45	3 6	1 38	24 29	1 24	22 38	0 25	21 53	1 2	6 34	0 48	21 47
S 8	17 6	3 19	4 21	5 32	2 50	3 33	1 39	24 26	1 24	22 39	0 25	21 54	1 2	6 34	0 48	21 47
M 9	17 22	2s 6'	3 37	5 50	2 54	4 0	1 41	24 24	1 24	22 39	0 25	21 54	1 2	6 34	0 48	21 47
T 10	17 38	7 23	2 44	6 6	2 57	4 26	1 42	24 21	1 24	22 39	0 25	21 54	1 2	6 34	0 48	21 47
W 11	17 53	12 23	1 45	6 29	3 0	4 53	1 43	24 18	1 24	22 39	0 25	21 54	1 2	6 35	0 48	21 47
T 12	18 8	16 54	0 41	6 51	3 2	5 19	1 44	24 14	1 24	22 40	0 25	21 54	1 2	6 35	0 48	21 47
F 13	18 23	20 45	0s25'	7 14	3 3	5 45	1 44	24 11	1 24	22 40	0 25	21 54	1 2	6 35	0 48	21 47
S 14	18 38	23 46	1 29	7 39	3 4	6 12	1 45	24 7	1 24	22 40	0 25	21 54	1 2	6 35	0 48	21 46
S 15	18 52	25 46	2 30	8 5	3 4	6 38	1 46	24 3	1 24	22 40	0 24	21 55	1 2	6 35	0 48	21 46
M 16	19 6	26 35	3 25	8 32	3 3	7 4	1 46	23 59	1 23	22 41	0 24	21 55	1 2	6 35	0 48	21 46
T 17	19 20	26 9	4 11	9 0	3 2	7 30	1 47	23 55	1 23	22 41	0 24	21 55	1 2	6 35	0 48	21 46
W 18	19 33	24 27	4 47	9 29	3 0	7 56	1 47	23 51	1 23	22 41	0 24	21 55	1 2	6 35	0 48	21 46
T 19	19 46	21 33	5 10	9 59	2 58	8 21	1 48	23 46	1 23	22 42	0 24	21 55	1 2	6 35	0 48	21 46
F 20	19 58	17 32	5 18	10 29	2 55	8 47	1 48	23 42	1 23	22 42	0 24	21 56	1 2	6 35	0 48	21 46
S 21	20 11	12 34	5 10	11 1	2 52	9 12	1 48	23 37	1 23	22 42	0 24	21 56	1 2	6 35	0 48	21 46
S 22	20 23	6 52	4 44	11 34	2 48	9 38	1 48	23 32	1 23	22 43	0 24	21 56	1 2	6 35	0 47	21 46
M 23	20 34	0 38	4 1	12 7	2 43	10 3	1 48	23 27	1 23	22 43	0 24	21 56	1 2	6 35	0 47	21 46
T 24	20 45	5n48'	3 1	12 40	2 38	10 27	1 48	23 21	1 22	22 43	0 24	21 57	1 2	6 35	0 47	21 46
W 25	20 56	12 6	1 48	13 15	2 32	10 52	1 48	23 16	1 22	22 44	0 24	21 57	1 2	6 35	0 47	21 46
T 26	21 7	17 48	0 27	13 49	2 26	11 16	1 48	23 10	1 22	22 44	0 24	21 57	1 2	6 35	0 47	21 46
F 27	21 17	22 23	0n57'	14 24	2 19	11 41	1 47	23 5	1 22	22 45	0 24	21 57	1 2	6 35	0 47	21 45
S 28	21 27	25 25	2 17	15 0	2 12	12 4	1 47	22 59	1 22	22 45	0 24	21 58	1 2	6 35	0 47	21 45
S 29	21 36	26 35	3 26	15 35	2 5	12 28	1 46	22 52	1 22	22 45	0 23	21 58	1 2	6 35	0 47	21 45
M 30	21 45	25 51	4 20	16 11	1 57	12 52	1 46	22 46	1 22	22 46	0 23	21 58	1 2	6 35	0 47	21 45
T 31	21n53'	23n27'	4n56'	16n46'	1s48'	13n15'	1s45'	22n40'	1n21'	22s46'	0n23'	21s58'	1n 2'	6n34'	0n47'	21s45'

Julian Day Number = 2683959.5, Delta T = 22m38s

Ecliptic obliquity = 23°21'29", Nutation = - 0°00'16"

Ayanamsha: Fagan/Bradley = 33°38'28", Lahiri = 32°45'28"

## ASTRODIENST EPHEMERIS for the year 2636

JUNE 2636

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	16 39 6	11II 4'35	19Ω53	25♂ 4	11♂40	24♂ 6	7°R12	9°R43	15♂ 7	23°R41	18II20	26°R50	26♂16	28♂10	18°R17	W 1
T 2	16 43 3	12° 2'20	3♂10	26°56	12°52	24°44	7♂ 6	9♂39	15° 8	23°39	18°22	26♂49	26°12	28°17	18♂13	T 2
F 3	16 46 59	13° 0'02	16° 3	28°51	14° 5	25°21	7° 0	9°35	15° 8	23°38	18°23	26°D49	26° 9	28°23	18° 9	F 3
S 4	16 50 56	13°57'44	28°34	0II48	15°17	25°58	6°53	9°32	15° 9	23°36	18°24	26°50	26° 6	28°30	18° 6	S 4
S 5	16 54 53	14°55'24	10♂49	2°46	16°29	26°36	6°47	9°28	15° 9	23°35	18°26	26°51	26° 3	28°37	18° 2	S 5
M 6	16 58 49	15°53'02	22°51	4°47	17°41	27°13	6°40	9°24	15°10	23°33	18°27	26°52	26° 0	28°43	17°58	M 6
T 7	17 2 46	16°50'39	4♂44	6°49	18°54	27°50	6°33	9°20	15°11	23°31	18°28	26°54	25°56	28°50	17°54	T 7
W 8	17 6 42	17°48'15	16°32	8°53	20° 6	28°27	6°27	9°16	15°12	23°30	18°30	26°55	25°53	28°57	17°51	W 8
T 9	17 10 39	18°45'49	28°19	10°59	21°18	29° 5	6°20	9°12	15°13	23°28	18°31	26°R55	25°50	29° 3	17°47	T 9
F 10	17 14 35	19°43'22	10♂ 8	13° 7	22°31	29°42	6°13	9° 8	15°14	23°27	18°32	26°55	25°47	29°10	17°44	F 10
S 11	17 18 32	20°40'54	22° 0	15°16	23°43	0Ω19	6° 6	9° 4	15°15	23°25	18°34	26°53	25°44	29°17	17°41	S 11
S 12	17 22 28	21°38'26	3♂59	17°25	24°55	0°57	5°59	9° 0	15°16	23°23	18°35	26°50	25°41	29°23	17°37	S 12
M13	17 26 25	22°35'56	16° 6	19°36	26° 8	1°34	5°51	8°56	15°17	23°22	18°37	26°46	25°37	29°30	17°34	M13
T 14	17 30 22	23°33'25	28° 23	21°48	27°20	2°11	5°44	8°52	15°18	23°20	18°38	26°42	25°34	29°37	17°31	T 14
W15	17 34 18	24°30'53	10♂51	24° 0	28°32	2°49	5°37	8°48	15°19	23°19	18°39	26°37	25°31	29°43	17°28	W15
T 16	17 38 15	25°28'21	23°32	26°12	29°45	3°26	5°29	8°43	15°21	23°17	18°41	26°34	25°28	29°50	17°25	T 16
F 17	17 42 11	26°25'48	6♂29	28°24	0II57	4° 3	5°22	8°39	15°22	23°15	18°42	26°31	25°25	29°56	17°22	F 17
S 18	17 46 8	27°23'14	19°43	0♂36	2°10	4°41	5°14	8°35	15°23	23°14	18°43	26°29	25°22	0♂ 3	17°20	S 18
S 19	17 50 4	28°20'40	3♂16	2°47	3°22	5°18	5° 7	8°30	15°25	23°12	18°45	26°D29	25°18	0°10	17°17	S 19
M20	17 54 1	29°18'05	17°10	4°57	4°35	5°55	4°59	8°26	15°26	23°10	18°46	26°30	25°15	0°16	17°14	M20
T 21	17 57 57	0♂15'30	1♂24	7° 7	5°48	6°33	4°52	8°22	15°28	23° 9	18°47	26°32	25°12	0°23	17°12	T 21
W22	18 1 54	1°12'54	15°57	9°14	7° 0	7°10	4°44	8°17	15°29	23° 7	18°49	26°33	25° 9	0°30	17° 9	W22
T 23	18 5 51	2°10'18	0II46	11°21	8°13	7°47	4°36	8°13	15°31	23° 6	18°50	26°R33	25° 6	0°36	17° 7	T 23
F 24	18 9 47	3° 7'41	15°44	13°25	9°25	8°25	4°29	8° 9	15°33	23° 4	18°51	26°32	25° 2	0°43	17° 5	F 24
S 25	18 13 44	4° 5'04	0♂44	15°28	10°38	9° 2	4°21	8° 4	15°34	23° 2	18°53	26°29	24°59	0°50	17° 3	S 25
S 26	18 17 40	5° 2'26	15°37	17°29	11°51	9°39	4°13	8° 0	15°36	23° 1	18°54	26°24	24°56	0°56	17° 1	S 26
M27	18 21 37	5°59'47	0Ω15	19°27	13° 3	10°17	4° 6	7°55	15°38	22°59	18°55	26°19	24°53	1° 3	16°59	M27
T 28	18 25 33	6°57'08	14°31	21°24	14°16	10°54	3°58	7°51	15°40	22°58	18°57	26°12	24°50	1°10	16°57	T 28
W29	18 29 30	7°54'28	28°21	23°18	15°29	11°32	3°50	7°47	15°42	22°56	18°58	26° 7	24°47	1°16	16°55	W29
T 30	18 33 26	8°51'47	11♂43	25°10	16°II41	12Ω 9	3♂43	7♂42	15♂44	22°55	18°II59	26♂ 2	24♂43	1♂23	16♂53	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	22n 2	19n46	5n14	17n21	1s39	13n37	1s44	22n33	1n21	22s47	0n23	21s59	1n 2	6n34	0n47	21s45
T 2	22 9	15 12	5 15	17 57	1 30	14 0	1 44	22 26	1 21	22 47	0 23	21 59	1 2	6 34	0 47	21 45
F 3	22 17	10 5	4 59	18 31	1 21	14 22	1 43	22 19	1 21	22 47	0 23	21 59	1 2	6 34	0 47	21 45
S 4	22 24	4 41	4 30	19 5	1 11	14 44	1 42	22 12	1 21	22 48	0 23	22 0	1 2	6 33	0 47	21 45
S 5	22 31	0s46	3 48	19 39	1 1	15 6	1 41	22 5	1 21	22 48	0 23	22 0	1 2	6 33	0 47	21 45
M 6	22 37	6 6	2 57	20 12	0 50	15 27	1 40	21 58	1 20	22 49	0 23	22 0	1 2	6 33	0 47	21 45
T 7	22 43	11 10	2 0	20 43	0 40	15 48	1 39	21 50	1 20	22 49	0 23	22 0	1 2	6 32	0 47	21 45
W 8	22 48	15 49	0 57	21 14	0 29	16 8	1 38	21 42	1 20	22 50	0 23	22 1	1 2	6 32	0 47	21 45
T 9	22 53	19 51	0s 8	21 43	0 18	16 28	1 36	21 35	1 20	22 50	0 22	22 1	1 2	6 32	0 47	21 44
F 10	22 58	23 5	1 12	22 10	0 8	16 48	1 35	21 27	1 20	22 50	0 22	22 1	1 1	6 31	0 47	21 44
S 11	23 2	25 21	2 14	22 36	0n 3	17 7	1 34	21 18	1 20	22 51	0 22	22 2	1 1	6 31	0 47	21 44
S 12	23 6	26 28	3 10	22 59	0 13	17 26	1 32	21 10	1 19	22 51	0 22	22 2	1 1	6 30	0 47	21 44
M13	23 9	26 20	3 58	23 21	0 24	17 45	1 31	21 2	1 19	22 52	0 22	22 2	1 1	6 30	0 47	21 44
T 14	23 12	24 55	4 36	23 40	0 34	18 3	1 29	20 53	1 19	22 52	0 22	22 3	1 1	6 29	0 46	21 44
W15	23 15	22 17	5 2	23 57	0 44	18 20	1 28	20 45	1 19	22 53	0 22	22 3	1 1	6 29	0 46	21 44
T 16	23 17	18 33	5 13	24 11	0 53	18 38	1 26	20 36	1 19	22 53	0 22	22 3	1 1	6 28	0 46	21 44
F 17	23 19	13 53	5 9	24 23	1 2	18 54	1 24	20 27	1 18	22 53	0 22	22 4	1 1	6 28	0 46	21 44
S 18	23 20	8 28	4 48	24 32	1 10	19 10	1 23	20 18	1 18	22 54	0 21	22 4	1 1	6 27	0 46	21 44
S 19	23 21	2 33	4 11	24 38	1 18	19 26	1 21	20 8	1 18	22 54	0 21	22 4	1 1	6 27	0 46	21 44
M20	23 21	3n39	3 19	24 41	1 25	19 41	1 19	19 59	1 18	22 55	0 21	22 5	1 1	6 26	0 46	21 44
T 21	23 21	9 50	2 13	24 42	1 32	19 56	1 17	19 50	1 18	22 55	0 21	22 5	1 1	6 25	0 46	21 44
W22	23 21	15 38	0 58	24 40	1 38	20 10	1 15	19 40	1 17	22 55	0 21	22 5	1 1	6 25	0 46	21 43
T 23	23 20	20 37	0n23	24 35	1 43	20 24	1 13	19 30	1 17	22 56	0 21	22 6	1 1	6 24	0 46	21 43
F 24	23 19	24 18	1 43	24 28	1 47	20 37	1 11	19 20	1 17	22 56	0 21	22 6	1 1	6 23	0 46	21 43
S 25	23 18	26 17	2 55	24 18	1 51	20 49	1 9	19 10	1 17	22 57	0 21	22 6	1 1	6 23	0 46	21 43
S 26	23 16	26 21	3 55	24 6	1 54	21 1	1 7	19 0	1 17	22 57	0 21	22 7	1 1	6 22	0 46	21 43
M27	23 13	24 34	4 39	23 52	1 56	21 13	1 5	18 50	1 16	22 57	0 20	22 7	1 0	6 21	0 46	21 43
T 28	23 11	21 16	5 4	23 35	1 57	21 24	1 3	18 39	1 16	22 58	0 20	22 7	1 0	6 20	0 46	21 43
W29	23 7	16 51	5 10	23 17	1 57	21 34	1 0	18 29	1 16	22 58	0 20	22 8	1 0	6 20	0 46	21 43
T 30	23n 4	11n45	4n59	22n57	1n57	21n44	0s58	18n18	1n16	22s58	0n20	22s 8	1n 0	6n19	0n46	21s43

Julian Day Number = 2683990.5, Delta T = 22m38s

Ecliptic obliquity = 23°21'29", Nutation = - 0°00'15"

Ayanamsha: Fagan/Bradley = 33°38'33", Lahiri = 32°45'32"

## ASTRODIENST EPHEMERIS for the year 2636

JULY 2636

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18 37 23	9 <sup>54</sup> 49'05	24 <sup>17</sup> 40	27 <sup>28</sup> 0	17 <sup>11</sup> 54	12 <sup>04</sup> 46	3 <sup>0</sup> R35	7 <sup>0</sup> R38	15 <sup>17</sup> 46	22 <sup>0</sup> R53	19 <sup>11</sup> 1	25 <sup>0</sup> R59	24 <sup>0</sup> 40	1 <sup>27</sup> 30	16 <sup>0</sup> R52	F 1
S 2	18 41 20	10 <sup>0</sup> 46'22	7 <sup>12</sup> 13	28 <sup>0</sup> 48	19 <sup>0</sup> 7	13 <sup>0</sup> 24	3 <sup>0</sup> 28	7 <sup>0</sup> 33	15 <sup>0</sup> 48	22 <sup>0</sup> 52	19 <sup>0</sup> 2	25 <sup>0</sup> D58	24 <sup>0</sup> 37	1 <sup>0</sup> 36	16 <sup>0</sup> M50	S 2
S 3	18 45 16	11 <sup>0</sup> 43'39	19 <sup>0</sup> 27	0 <sup>0</sup> 33	20 <sup>0</sup> 20	14 <sup>0</sup> 1	3 <sup>0</sup> 20	7 <sup>0</sup> 29	15 <sup>0</sup> 50	22 <sup>0</sup> 50	19 <sup>0</sup> 3	25 <sup>0</sup> 58	24 <sup>0</sup> 34	1 <sup>0</sup> 43	16 <sup>0</sup> 49	S 3
M 4	18 49 13	12 <sup>0</sup> 40'55	1 <sup>11</sup> 27	2 <sup>0</sup> 16	21 <sup>0</sup> 33	14 <sup>0</sup> 39	3 <sup>0</sup> 13	7 <sup>0</sup> 24	15 <sup>0</sup> 52	22 <sup>0</sup> 49	19 <sup>0</sup> 4	25 <sup>0</sup> 59	24 <sup>0</sup> 31	1 <sup>0</sup> 49	16 <sup>0</sup> 48	M 4
T 5	18 53 9	13 <sup>0</sup> 38'10	13 <sup>0</sup> 19	3 <sup>0</sup> 57	22 <sup>0</sup> 45	15 <sup>0</sup> 16	3 <sup>0</sup> 5	7 <sup>0</sup> 20	15 <sup>0</sup> 54	22 <sup>0</sup> 47	19 <sup>0</sup> 6	26 <sup>0</sup> 1	24 <sup>0</sup> 28	1 <sup>0</sup> 56	16 <sup>0</sup> 47	T 5
W 6	18 57 6	14 <sup>0</sup> 35'25	25 <sup>0</sup> 6	5 <sup>0</sup> 36	23 <sup>0</sup> 58	15 <sup>0</sup> 53	2 <sup>0</sup> 58	7 <sup>0</sup> 16	15 <sup>0</sup> 56	22 <sup>0</sup> 46	19 <sup>0</sup> 7	26 <sup>0</sup> R 1	24 <sup>0</sup> 24	2 <sup>0</sup> 3	16 <sup>0</sup> 46	W 6
T 7	19 1 2	15 <sup>0</sup> 32'40	6 <sup>12</sup> 54	7 <sup>0</sup> 12	25 <sup>0</sup> 11	16 <sup>0</sup> 31	2 <sup>0</sup> 50	7 <sup>0</sup> 11	15 <sup>0</sup> 58	22 <sup>0</sup> 44	19 <sup>0</sup> 8	26 <sup>0</sup> 1	24 <sup>0</sup> 21	2 <sup>0</sup> 9	16 <sup>0</sup> 45	T 7
F 8	19 4 59	16 <sup>0</sup> 29'54	18 <sup>0</sup> 46	8 <sup>0</sup> 45	26 <sup>0</sup> 24	17 <sup>0</sup> 8	2 <sup>0</sup> 43	7 <sup>0</sup> 7	16 <sup>0</sup> 1	22 <sup>0</sup> 43	19 <sup>0</sup> 10	25 <sup>0</sup> 58	24 <sup>0</sup> 18	2 <sup>0</sup> 16	16 <sup>0</sup> 44	F 8
S 9	19 8 56	17 <sup>0</sup> 27'08	0 <sup>0</sup> 345	10 <sup>0</sup> 17	27 <sup>0</sup> 37	17 <sup>0</sup> 46	2 <sup>0</sup> 36	7 <sup>0</sup> 3	16 <sup>0</sup> 3	22 <sup>0</sup> 41	19 <sup>0</sup> 11	25 <sup>0</sup> 53	24 <sup>0</sup> 15	2 <sup>0</sup> 23	16 <sup>0</sup> 43	S 9
S 10	19 12 52	18 <sup>0</sup> 24'21	12 <sup>0</sup> 55	11 <sup>0</sup> 46	28 <sup>0</sup> 50	18 <sup>0</sup> 23	2 <sup>0</sup> 29	6 <sup>0</sup> 58	16 <sup>0</sup> 5	22 <sup>0</sup> 40	19 <sup>0</sup> 12	25 <sup>0</sup> 46	24 <sup>0</sup> 12	2 <sup>0</sup> 29	16 <sup>0</sup> 43	S 10
M 11	19 16 49	19 <sup>0</sup> 21'34	25 <sup>0</sup> 15	13 <sup>0</sup> 13	0 <sup>0</sup> 3	19 <sup>0</sup> 1	2 <sup>0</sup> 22	6 <sup>0</sup> 54	16 <sup>0</sup> 8	22 <sup>0</sup> 38	19 <sup>0</sup> 13	25 <sup>0</sup> 38	24 <sup>0</sup> 9	2 <sup>0</sup> 36	16 <sup>0</sup> 42	M 11
T 12	19 20 45	20 <sup>0</sup> 18'47	7 <sup>12</sup> 48	14 <sup>0</sup> 37	1 <sup>0</sup> 16	19 <sup>0</sup> 38	2 <sup>0</sup> 15	6 <sup>0</sup> 50	16 <sup>0</sup> 10	22 <sup>0</sup> 37	19 <sup>0</sup> 14	25 <sup>0</sup> 28	24 <sup>0</sup> 5	2 <sup>0</sup> 43	16 <sup>0</sup> 42	T 12
W 13	19 24 42	21 <sup>0</sup> 16'00	20 <sup>0</sup> 33	15 <sup>0</sup> 59	2 <sup>0</sup> 29	20 <sup>0</sup> 15	2 <sup>0</sup> 8	6 <sup>0</sup> 46	16 <sup>0</sup> 13	22 <sup>0</sup> 36	19 <sup>0</sup> 16	25 <sup>0</sup> 19	24 <sup>0</sup> 2	2 <sup>0</sup> 49	16 <sup>0</sup> 41	W 13
T 14	19 28 38	22 <sup>0</sup> 13'13	3 <sup>12</sup> 30	17 <sup>0</sup> 18	3 <sup>0</sup> 42	20 <sup>0</sup> 53	2 <sup>0</sup> 1	6 <sup>0</sup> 41	16 <sup>0</sup> 15	22 <sup>0</sup> 34	19 <sup>0</sup> 17	25 <sup>0</sup> 10	23 <sup>0</sup> 59	2 <sup>0</sup> 56	16 <sup>0</sup> 41	T 14
F 15	19 32 35	23 <sup>0</sup> 10'26	16 <sup>0</sup> 40	18 <sup>0</sup> 35	4 <sup>0</sup> 55	21 <sup>0</sup> 30	1 <sup>0</sup> 54	6 <sup>0</sup> 37	16 <sup>0</sup> 18	22 <sup>0</sup> 33	19 <sup>0</sup> 18	25 <sup>0</sup> 3	23 <sup>0</sup> 56	3 <sup>0</sup> 3	16 <sup>0</sup> D41	F 15
S 16	19 36 31	24 <sup>0</sup> 7'40	0 <sup>0</sup> Y 3	19 <sup>0</sup> 49	6 <sup>0</sup> 8	22 <sup>0</sup> 8	1 <sup>0</sup> 48	6 <sup>0</sup> 33	16 <sup>0</sup> 21	22 <sup>0</sup> 32	19 <sup>0</sup> 19	24 <sup>0</sup> 58	23 <sup>0</sup> 53	3 <sup>0</sup> 9	16 <sup>0</sup> 41	S 16
S 17	19 40 28	25 <sup>0</sup> 4'53	13 <sup>0</sup> 39	21 <sup>0</sup> 0	7 <sup>0</sup> 21	22 <sup>0</sup> 45	1 <sup>0</sup> 41	6 <sup>0</sup> 29	16 <sup>0</sup> 23	22 <sup>0</sup> 30	19 <sup>0</sup> 20	24 <sup>0</sup> 56	23 <sup>0</sup> 49	3 <sup>0</sup> 16	16 <sup>0</sup> 41	S 17
M 18	19 44 25	26 <sup>0</sup> 2'07	27 <sup>0</sup> 28	22 <sup>0</sup> 9	8 <sup>0</sup> 34	23 <sup>0</sup> 23	1 <sup>0</sup> 35	6 <sup>0</sup> 25	16 <sup>0</sup> 26	22 <sup>0</sup> 29	19 <sup>0</sup> 21	24 <sup>0</sup> D55	23 <sup>0</sup> 46	3 <sup>0</sup> 23	16 <sup>0</sup> 41	M 18
T 19	19 48 21	26 <sup>0</sup> 59'21	11 <sup>12</sup> 32	23 <sup>0</sup> 15	9 <sup>0</sup> 47	24 <sup>0</sup> 0	1 <sup>0</sup> 28	6 <sup>0</sup> 21	16 <sup>0</sup> 29	22 <sup>0</sup> 28	19 <sup>0</sup> 23	24 <sup>0</sup> 56	23 <sup>0</sup> 43	3 <sup>0</sup> 29	16 <sup>0</sup> 42	T 19
W 20	19 52 18	27 <sup>0</sup> 56'36	25 <sup>0</sup> 49	24 <sup>0</sup> 18	11 <sup>0</sup> 0	24 <sup>0</sup> 38	1 <sup>0</sup> 22	6 <sup>0</sup> 17	16 <sup>0</sup> 31	22 <sup>0</sup> 26	19 <sup>0</sup> 24	24 <sup>0</sup> R56	23 <sup>0</sup> 40	3 <sup>0</sup> 36	16 <sup>0</sup> 42	W 20
T 21	19 56 14	28 <sup>0</sup> 53'51	10 <sup>11</sup> 17	25 <sup>0</sup> 19	12 <sup>0</sup> 13	25 <sup>0</sup> 15	1 <sup>0</sup> 16	6 <sup>0</sup> 13	16 <sup>0</sup> 34	22 <sup>0</sup> 25	19 <sup>0</sup> 25	24 <sup>0</sup> 55	23 <sup>0</sup> 37	3 <sup>0</sup> 42	16 <sup>0</sup> 43	T 21
F 22	20 0 11	29 <sup>0</sup> 51'07	24 <sup>0</sup> 54	26 <sup>0</sup> 16	13 <sup>0</sup> 27	25 <sup>0</sup> 53	1 <sup>0</sup> 10	6 <sup>0</sup> 9	16 <sup>0</sup> 37	22 <sup>0</sup> 24	19 <sup>0</sup> 26	24 <sup>0</sup> 52	23 <sup>0</sup> 34	3 <sup>0</sup> 49	16 <sup>0</sup> 43	F 22
S 23	20 4 7	0 <sup>0</sup> 48'23	9 <sup>0</sup> 33	27 <sup>0</sup> 10	14 <sup>0</sup> 40	26 <sup>0</sup> 30	1 <sup>0</sup> 4	6 <sup>0</sup> 5	16 <sup>0</sup> 40	22 <sup>0</sup> 23	19 <sup>0</sup> 27	24 <sup>0</sup> 47	23 <sup>0</sup> 30	3 <sup>0</sup> 56	16 <sup>0</sup> 44	S 23
S 24	20 8 4	1 <sup>0</sup> 45'39	24 <sup>0</sup> 10	28 <sup>0</sup> 1	15 <sup>0</sup> 53	27 <sup>0</sup> 8	0 <sup>0</sup> 59	6 <sup>0</sup> 2	16 <sup>0</sup> 43	22 <sup>0</sup> 22	19 <sup>0</sup> 28	24 <sup>0</sup> 39	23 <sup>0</sup> 27	4 <sup>0</sup> 2	16 <sup>0</sup> 45	S 24
M 25	20 12 0	2 <sup>0</sup> 42'56	8 <sup>0</sup> 35	28 <sup>0</sup> 48	17 <sup>0</sup> 7	27 <sup>0</sup> 46	0 <sup>0</sup> 53	5 <sup>0</sup> 58	16 <sup>0</sup> 46	22 <sup>0</sup> 21	19 <sup>0</sup> 29	24 <sup>0</sup> 29	23 <sup>0</sup> 24	4 <sup>0</sup> 9	16 <sup>0</sup> 46	M 25
T 26	20 15 57	3 <sup>0</sup> 40'13	22 <sup>0</sup> 44	29 <sup>0</sup> 32	18 <sup>0</sup> 20	28 <sup>0</sup> 23	0 <sup>0</sup> 48	5 <sup>0</sup> 54	16 <sup>0</sup> 49	22 <sup>0</sup> 19	19 <sup>0</sup> 30	24 <sup>0</sup> 18	23 <sup>0</sup> 21	4 <sup>0</sup> 16	16 <sup>0</sup> 47	T 26
W 27	20 19 54	4 <sup>0</sup> 37'30	6 <sup>12</sup> 30	0 <sup>0</sup> 12	19 <sup>0</sup> 33	29 <sup>0</sup> 1	0 <sup>0</sup> 42	5 <sup>0</sup> 51	16 <sup>0</sup> 52	22 <sup>0</sup> 18	19 <sup>0</sup> 31	24 <sup>0</sup> 8	23 <sup>0</sup> 18	4 <sup>0</sup> 22	16 <sup>0</sup> 48	W 27
T 28	20 23 50	5 <sup>0</sup> 34'47	19 <sup>0</sup> 51	0 <sup>0</sup> 48	20 <sup>0</sup> 47	29 <sup>0</sup> 38	0 <sup>0</sup> 37	5 <sup>0</sup> 47	16 <sup>0</sup> 55	22 <sup>0</sup> 17	19 <sup>0</sup> 32	23 <sup>0</sup> 59	23 <sup>0</sup> 14	4 <sup>0</sup> 29	16 <sup>0</sup> 50	T 28
F 29	20 27 47	6 <sup>0</sup> 32'04	2 <sup>0</sup> 48	1 <sup>0</sup> 21	22 <sup>0</sup> 0	0 <sup>0</sup> 16	0 <sup>0</sup> 32	5 <sup>0</sup> 44	16 <sup>0</sup> 58	22 <sup>0</sup> 16	19 <sup>0</sup> 33	23 <sup>0</sup> 53	23 <sup>0</sup> 11	4 <sup>0</sup> 36	16 <sup>0</sup> 51	F 29
S 30	20 31 43	7 <sup>0</sup> 29'22	15 <sup>0</sup> 22	1 <sup>0</sup> 49	23 <sup>0</sup> 13	0 <sup>0</sup> 54	0 <sup>0</sup> 27	5 <sup>0</sup> 40	17 <sup>0</sup> 1	22 <sup>0</sup> 15	19 <sup>0</sup> 34	23 <sup>0</sup> 49	23 <sup>0</sup> 8	4 <sup>0</sup> 42	16 <sup>0</sup> 52	S 30
S 31	20 35 40	8 <sup>0</sup> 26'39	27 <sup>0</sup> 37	2 <sup>0</sup> 13	24 <sup>0</sup> 27	1 <sup>0</sup> 31	0 <sup>0</sup> 23	5 <sup>0</sup> 37	17 <sup>0</sup> 4	22 <sup>0</sup> 14	19 <sup>0</sup> 35	23 <sup>0</sup> 47	23 <sup>0</sup> 5	4 <sup>0</sup> 49	16 <sup>0</sup> M54	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
-----	---	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--

## ASTRODIENST EPHEMERIS for the year 2636

AUGUST 2636

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	20 39 36	9♉23°57'	9♉38	2♊32	25♊40	2♊9	0°R18	5°R34	17♊7	22°R13	19♊36	23°D46	23♊2	4♊56	16♉56	M 1
T 2	20 43 33	10°21'15"	21°30	2°47	26°54	2°46	0♈14	5°30	17°10	22°12	19°37	23°R46	22°59	5°2	16°58	T 2
W 3	20 47 29	11°18'34"	3♊18	2°57	28°7	3°24	0°10	5°27	17°13	22°11	19°38	23♊46	22°55	5°9	17°0	W 3
T 4	20 51 26	12°15'53"	15°8	3°2	29°21	4°2	0°6	5°24	17°17	22°10	19°39	23°44	22°52	5°16	17°2	T 4
F 5	20 55 23	13°13'12"	27°4	3°R 2	0♉34	4°39	0°2	5°21	17°20	22°9	19°40	23°40	22°49	5°22	17°4	F 5
S 6	20 59 19	14°10'32"	9♈11	2°57	1°48	5°17	29♊58	5°18	17°23	22°9	19°41	23°34	22°46	5°29	17°6	S 6
S 7	21 3 16	15°7'52"	21°30	2°47	3°1	5°55	29°54	5°15	17°27	22°8	19°41	23°25	22°43	5°35	17°8	S 7
M 8	21 7 12	16°5'13"	4♊5	2°32	4°15	6°33	29°51	5°12	17°30	22°7	19°42	23°13	22°40	5°42	17°11	M 8
T 9	21 11 9	17°2'34"	16°56	2°12	5°29	7°10	29°48	5°10	17°33	22°6	19°43	23°1	22°36	5°49	17°13	T 9
W10	21 15 5	17°59'56"	0♊1	1°48	6°42	7°48	29°45	5°7	17°37	22°5	19°44	22°48	22°33	5°55	17°16	W10
T 11	21 19 2	18°57'19"	13°21	1°18	7°56	8°26	29°42	5°4	17°40	22°5	19°45	22°37	22°30	6°2	17°19	T 11
F 12	21 22 58	19°54'43"	26°52	0°45	9°10	9°3	29°39	5°2	17°43	22°4	19°45	22°28	22°27	6°9	17°22	F 12
S 13	21 26 55	20°52'08"	10°Y33	0°7	10°23	9°41	29°37	5°0	17°47	22°3	19°46	22°21	22°24	6°15	17°25	S 13
S 14	21 30 52	21°49'34"	24°22	29♉26	11°37	10°19	29°34	4°57	17°50	22°3	19°47	22°17	22°20	6°22	17°28	S 14
M15	21 34 48	22°47'01"	8♊18	28°43	12°51	10°57	29°32	4°55	17°54	22°2	19°48	22°16	22°17	6°29	17°31	M15
T 16	21 38 45	23°44'29"	22°20	27°57	14°5	11°35	29°30	4°53	17°57	22°2	19°48	22°15	22°14	6°35	17°34	T 16
W17	21 42 41	24°41'59"	6♊28	27°10	15°19	12°12	29°29	4°51	18°1	22°1	19°49	22°15	22°11	6°42	17°37	W17
T 18	21 46 38	25°39'30"	20°40	26°22	16°32	12°50	29°27	4°49	18°4	22°1	19°50	22°14	22°8	6°49	17°41	T 18
F 19	21 50 34	26°37'02"	4♈55	25°35	17°46	13°28	29°26	4°47	18°8	22°0	19°50	22°10	22°5	6°55	17°44	F 19
S 20	21 54 31	27°34'36"	19°11	24°50	19°0	14°6	29°24	4°45	18°12	22°0	19°51	22°4	22°1	7°2	17°48	S 20
S 21	21 58 27	28°32'11"	3♉22	24°6	20°14	14°44	29°23	4°43	18°15	21°59	19°52	21°55	21°58	7°9	17°52	S 21
M22	22 2 24	29°29'47"	17°25	23°25	21°28	15°22	29°22	4°42	18°19	21°59	19°52	21°44	21°55	7°15	17°56	M22
T 23	22 6 21	0♊27'24"	1♊14	22°49	22°42	16°0	29°22	4°40	18°22	21°58	19°53	21°32	21°52	7°22	17°59	T 23
W24	22 10 17	1°25'02"	14°46	22°17	23°56	16°38	29°21	4°39	18°26	21°58	19°53	21°20	21°49	7°29	18°4	W24
T 25	22 14 14	2°22'42"	27°58	21°50	25°10	17°16	29°21	4°37	18°30	21°58	19°54	21°10	21°46	7°35	18°8	T 25
F 26	22 18 10	3°20'22"	10♉49	21°30	26°24	17°54	29°D21	4°36	18°33	21°58	19°54	21°2	21°42	7°42	18°12	F 26
S 27	22 22 7	4°18'03"	23°19	21°16	27°38	18°32	29°21	4°35	18°37	21°57	19°55	20°57	21°39	7°48	18°16	S 27
S 28	22 26 3	5°15'46"	5♉33	21°8	28°52	19°10	29°21	4°34	18°41	21°57	19°55	20°54	21°36	7°55	18°20	S 28
M29	22 30 0	6°13'30"	17°33	21°D 8	0♊7	19°48	29°22	4°33	18°44	21°57	19°56	20°D53	21°33	8°2	18°25	M29
T 30	22 33 56	7°11'14"	29°25	21°16	1°21	20°26	29°22	4°32	18°48	21°57	19°56	20°53	21°30	8°8	18°29	T 30
W31	22 37 53	8♊9'00"	11♊14	21♉31	2♊35	21♊4	29♊23	4♈31	18♊52	21♊57	19♊57	20°R53	21♊26	8♊15	18♉34	W31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	17n50	13s28	1n14	7n52	2s52	21n17	0n21	11n43	1n 7	23s 6	0n15	22s18	0n57	5n46	0n45	21s42	1n26	11n53	11s 6	18n39	18n28	22s 6	14s 8	2n49			
T 2	17 35	17 53	0 12	7 34	3 5	21 5	0 23	11 30	1 7	23 6	0 15	22 18	0 57	5 44	0 45	21 42	1 26	11 53	11 6	18 39	18 27	22 8	14 9	2 49			
W 3	17 20	21 34	0s50	7 18	3 18	20 53	0 26	11 16	1 7	23 7	0 15	22 18	0 56	5 43	0 45	21 42	1 26	11 53	11 6	18 39	18 26	22 10	14 9	2 49			
T 4	17 4	24 22	1 51	7 4	3 31	20 40	0 28	11 2	1 6	23 7	0 15	22 19	0 56	5 42	0 45	21 42	1 26	11 53	11 6	18 39	18 26	22 12	14 10	2 49			
F 5	16 48	26 6	2 47	6 53	3 44	20 27	0 30	10 48	1 6	23 7	0 15	22 19	0 56	5 40	0 45	21 42	1 26	11 53	11 6	18 38	18 25	22 14	14 11	2 49			
S 6	16 31	26 38	3 36	6 43	3 56	20 13	0 32	10 34	1 6	23 7	0 14	22 19	0 56	5 39	0 45	21 42	1 26	11 53	11 7	18 36	18 24	22 16	14 11	2 48			
S 7	16 15	25 51	4 16	6 36	4 7	19 59	0 35	10 20	1 6	23 7	0 14	22 19	0 56	5 38	0 45	21 42	1 26	11 53	11 7	18 34	18 23	22 18	14 12	2 48			
M 8	15 58	23 46	4 44	6 32	4 17	19 44	0 37	10 5	1 5	23 7	0 14	22 20	0 56	5 37	0 45	21 42	1 26	11 53	11 7	18 31	18 22	22 20	14 13	2 48			
T 9	15 40	20 27	4 59	6 30	4 27	19 28	0 39	9 51	1 5	23 8	0 14	22 20	0 56	5 35	0 45	21 42	1 26	11 53	11 7	18 28	18 22	22 22	14 13	2 48			
W10	15 23	16 4	4 58	6 30	4 36	19 12	0 41	9 37	1 5	23 8	0 14	22 20	0 55	5 34	0 45	21 42	1 26	11 52	11 7	18 25	18 21	22 24	14 14	2 48			
T 11	15 5	10 51	4 41	6 34	4 43	18 55	0 43	9 23	1 4	23 8	0 14	22 20	0 55	5 33	0 45	21 42	1 26	11 52	11 7	18 22	18 20	22 26	14 15	2 48			
F 12	14 48	5 3	4 9	6 40	4 49	18 38	0 45	9 8	1 4	23 8	0 13	22 21	0 55	5 31	0 45	21 42	1 26	11 52	11 7	18 19	18 19	22 28	14 16	2 48			
S 13	14 29	1n 4	3 21	6 48	4 54	18 20	0 47	8 54	1 4	23 8	0 13	22 21	0 55	5 30	0 45	21 42	1 26	11 52	11 8	18 18	18 18	22 30	14 17	2 48			
S 14	14 11	7 13	2 22	7 0	4 57	18 2	0 49	8 39	1 3	23 8	0 13	22 21	0 55	5 29	0 45	21 42	1 26	11 52	11 8	18 17	18 18	22 32	14 18	2 48			
M15	13 52	13 4	1 13	7 13	4 58	17 43	0 51	8 25	1 3	23 9	0 13	22 21	0 55	5 27	0 45	21 42	1 26	11 52	11 8	18 16	18 17	22 34	14 18	2 48			
T 16	13 34	18 18	0n 0	7 29	4 57	17 24	0 53	8 10	1 3	23 9	0 13	22 22	0 55	5 26	0 45	21 42	1 26	11 52	11 8	18 16	18 16	22 36	14 19	2 48			
W17	13 15	22 32	1 14	7 47	4 55	17 4	0 55	7 55	1 2	23 9	0 13	22 22	0 54	5 24	0 45	21 42	1 26	11 52	11 8	18 16	18 15	22 38	14 20	2 48			
T 18	12 55	25 26	2 24	8 7	4 51	16 44	0 57	7 40	1 2	23 9	0 12	22 22	0 54	5 23	0 44	21 42	1 25	11 51	11 9	18 16	18 14	22 40	14 21	2 48			
F 19	12 36	26 41	3 25	8 28	4 45	16 23	0 59	7 26	1 2	23 9	0 12	22 22	0 54	5 22	0 44	21 42	1 25	11 51	11 9	18 15	18 14	22 42	14 22	2 48			
S 20	12 16	26 10	4 13	8 50	4 37	16 2	1 0	7 11	1 1	23 9	0 12	22 23	0 54	5 20	0 44	21 42	1 25	11 51	11 9	18 13	18 13	22 44	14 23	2 48			
S 21	11 57	23 57	4 45	9 13	4 28	15 40	1 2	6 56	1 1	23 9	0 12	22 23	0 54	5 19	0 44	21 42	1 25	11 51	11 9	18 11	18 12	22 46	14 24	2 48			
M22	11 37	20 19	5 0	9 37	4 17	15 18	1 4	6 41	1 1	23 10	0 12	22 23	0 54	5 17	0 44	21 42	1 25	11 51	11 9	18 8	18 11	22 48	14 25	2 48			
T 23	11 16	15 37	4 56	10 1	4 4	14 56	1 5	6 26	1 0	23 10	0 12	22 23	0 53	5 16	0 44	21 42	1 25	11 51	11 9	18 5	18 10	22 50	14 26	2 48			
W24	10 56	10 14	4 36	10 24	3 50	14 33	1 7	6 11	1 0	23 10	0 12	22 23	0 53	5 14	0 44	21 42	1 25	11 51	11 10	18 2	18 9	22 51	14 28	2 48			
T 25	10 36	4 30	4 2	10 47	3 35	14 9	1 8	5 56	1 0	23 10	0 11	22 24	0 53	5 13	0 44	21 42	1 25	11 51	11 10	17 59	18 9	22 53	14 29	2 48			
F 26	10 15	1s16	3 15	11 8	3 20	13 46	1 9	5 41	0 59	23 10	0 11	22 24	0 53	5 12	0 44	21 42	1 25	11 50	11 10	17 57	18 8	22 55	14 30	2 48			
S 27	9 54	6 51	2 21	11 29	3 3	13 22	1 11	5 26	0 59	23 10	0 11	22 24	0 53	5 10	0 44	21 42	1 25	11 50	11 10	17 56	18 7	22 57	14 31	2 48			
S 28	9 33	12 4	1 21	11 47	2 45	12 57	1 12	5 11	0 59	23 10	0 11	22 24	0 53	5 9	0 44	21 42	1 25	11 50	11 10	17 55	18 6	22 59	14 32	2 48			
M29	9 12	16 44	0 18	12 4	2 28	12 32	1 13	4 55	0 58	23 11	0 11	22 24	0 52	5 7	0 44	21 42	1 25	11 50	11 11	17 55	18 5	23 1	14 33	2 48			
T 30	8 51	20 42	0s45	12 19	2 10	12 7	1 14	4 40	0 58	23 11	0 11	22 25	0 52	5 6	0 44	21 42	1 25	11 50	11 11	17 55	18 5	23 3	14 35	2 48			
W31	8n29	23s48	1s46	12n31	1s52	11n42	1n16	4n25	0n58	23s11	0n10	22s25	0n52	5n 4	0n44	21s42	1n25	11n50	11s11	17n55	18n 4	23s 5	14s36	2n48			

# ASTRODIENST EPHEMERIS for the year 2636

SEPTEMBER 2636

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 41 50	9 <sup>h</sup> 6'47"	23 <sup>h</sup> 5'5"	21 <sup>h</sup> 53'	3 <sup>h</sup> 49'	21 <sup>h</sup> 42'	29 <sup>h</sup> 24'	4 <sup>h</sup> 30'	18 <sup>h</sup> 56'	21 <sup>h</sup> 57'	19 <sup>h</sup> 57'	20 <sup>h</sup> 52'	21 <sup>h</sup> 23'	8 <sup>h</sup> 22'	18 <sup>h</sup> 39'	T 1
F 2	22 45 46	10 <sup>h</sup> 4'35"	5 <sup>h</sup> 3'	22 <sup>h</sup> 24'	5 <sup>h</sup> 3'	22 <sup>h</sup> 20'	29 <sup>h</sup> 26'	4 <sup>h</sup> 30'	18 <sup>h</sup> 59'	21 <sup>h</sup> 57'	19 <sup>h</sup> 57'	20 <sup>h</sup> 52'	21 <sup>h</sup> 20'	8 <sup>h</sup> 28'	18 <sup>h</sup> 44'	F 2
S 3	22 49 43	11 <sup>h</sup> 2'24"	17 <sup>h</sup> 14'	23 <sup>h</sup> 2'	6 <sup>h</sup> 17'	22 <sup>h</sup> 58'	29 <sup>h</sup> 27'	4 <sup>h</sup> 29'	19 <sup>h</sup> 3'	21 <sup>h</sup> 57'	19 <sup>h</sup> 58'	20 <sup>h</sup> 44'	21 <sup>h</sup> 17'	8 <sup>h</sup> 35'	18 <sup>h</sup> 48'	S 3
S 4	22 53 39	12 <sup>h</sup> 0'15"	29 <sup>h</sup> 41'	23 <sup>h</sup> 47'	7 <sup>h</sup> 32'	23 <sup>h</sup> 36'	29 <sup>h</sup> 29'	4 <sup>h</sup> 29'	19 <sup>h</sup> 7'	21 <sup>h</sup> 57'	19 <sup>h</sup> 58'	20 <sup>h</sup> 37'	21 <sup>h</sup> 14'	8 <sup>h</sup> 42'	18 <sup>h</sup> 53'	S 4
M 5	22 57 36	12 <sup>h</sup> 58'06"	12 <sup>h</sup> 26'	24 <sup>h</sup> 40'	8 <sup>h</sup> 46'	24 <sup>h</sup> 15'	29 <sup>h</sup> 30'	4 <sup>h</sup> 28'	19 <sup>h</sup> 11'	21 <sup>h</sup> 57'	19 <sup>h</sup> 58'	20 <sup>h</sup> 27'	21 <sup>h</sup> 11'	8 <sup>h</sup> 48'	18 <sup>h</sup> 58'	M 5
T 6	23 1 32	13 <sup>h</sup> 55'59"	25 <sup>h</sup> 32'	25 <sup>h</sup> 39'	10 <sup>h</sup> 0'	24 <sup>h</sup> 53'	29 <sup>h</sup> 32'	4 <sup>h</sup> 28'	19 <sup>h</sup> 14'	21 <sup>h</sup> 57'	19 <sup>h</sup> 59'	20 <sup>h</sup> 16'	21 <sup>h</sup> 7'	8 <sup>h</sup> 55'	19 <sup>h</sup> 4'	T 6
W 7	23 5 29	14 <sup>h</sup> 53'53"	8 <sup>h</sup> 57'	26 <sup>h</sup> 46'	11 <sup>h</sup> 14'	25 <sup>h</sup> 31'	29 <sup>h</sup> 34'	4 <sup>h</sup> 28'	19 <sup>h</sup> 18'	21 <sup>h</sup> 57'	19 <sup>h</sup> 59'	20 <sup>h</sup> 5'	21 <sup>h</sup> 4'	9 <sup>h</sup> 2'	19 <sup>h</sup> 9'	W 7
T 8	23 9 25	15 <sup>h</sup> 51'49"	22 <sup>h</sup> 39'	27 <sup>h</sup> 59'	12 <sup>h</sup> 29'	26 <sup>h</sup> 9'	29 <sup>h</sup> 37'	4 <sup>h</sup> 28'	19 <sup>h</sup> 22'	21 <sup>h</sup> 57'	19 <sup>h</sup> 59'	19 <sup>h</sup> 55'	21 <sup>h</sup> 1'	9 <sup>h</sup> 8'	19 <sup>h</sup> 14'	T 8
F 9	23 13 22	16 <sup>h</sup> 49'46"	6 <sup>h</sup> 35'	29 <sup>h</sup> 17'	13 <sup>h</sup> 43'	26 <sup>h</sup> 47'	29 <sup>h</sup> 39'	4 <sup>h</sup> 28'	19 <sup>h</sup> 26'	21 <sup>h</sup> 57'	19 <sup>h</sup> 59'	19 <sup>h</sup> 47'	20 <sup>h</sup> 58'	9 <sup>h</sup> 15'	19 <sup>h</sup> 19'	F 9
S 10	23 17 19	17 <sup>h</sup> 47'45"	20 <sup>h</sup> 41'	0 <sup>h</sup> 42'	14 <sup>h</sup> 57'	27 <sup>h</sup> 26'	29 <sup>h</sup> 42'	4 <sup>h</sup> 28'	19 <sup>h</sup> 29'	21 <sup>h</sup> 57'	20 <sup>h</sup> 0'	19 <sup>h</sup> 42'	20 <sup>h</sup> 55'	9 <sup>h</sup> 22'	19 <sup>h</sup> 25'	S 10
S 11	23 21 15	18 <sup>h</sup> 45'46"	4 <sup>h</sup> 52'	2 <sup>h</sup> 11'	16 <sup>h</sup> 12'	28 <sup>h</sup> 4'	29 <sup>h</sup> 45'	4 <sup>h</sup> 28'	19 <sup>h</sup> 33'	21 <sup>h</sup> 58'	20 <sup>h</sup> 0'	19 <sup>h</sup> 39'	20 <sup>h</sup> 52'	9 <sup>h</sup> 28'	19 <sup>h</sup> 30'	S 11
M12	23 25 12	19 <sup>h</sup> 43'48"	19 <sup>h</sup> 5'	3 <sup>h</sup> 45'	17 <sup>h</sup> 26'	28 <sup>h</sup> 42'	29 <sup>h</sup> 48'	4 <sup>h</sup> 29'	19 <sup>h</sup> 37'	21 <sup>h</sup> 58'	20 <sup>h</sup> 0'	19 <sup>h</sup> 43'	20 <sup>h</sup> 48'	9 <sup>h</sup> 35'	19 <sup>h</sup> 36'	M12
T 13	23 29 8	20 <sup>h</sup> 41'53"	3 <sup>h</sup> 11'	5 <sup>h</sup> 23'	18 <sup>h</sup> 41'	29 <sup>h</sup> 20'	29 <sup>h</sup> 51'	4 <sup>h</sup> 29'	19 <sup>h</sup> 41'	21 <sup>h</sup> 58'	20 <sup>h</sup> 0'	19 <sup>h</sup> 38'	20 <sup>h</sup> 45'	9 <sup>h</sup> 42'	19 <sup>h</sup> 42'	T 13
W14	23 33 5	21 <sup>h</sup> 39'59"	17 <sup>h</sup> 28'	7 <sup>h</sup> 4'	19 <sup>h</sup> 55'	29 <sup>h</sup> 59'	29 <sup>h</sup> 54'	4 <sup>h</sup> 30'	19 <sup>h</sup> 44'	21 <sup>h</sup> 59'	20 <sup>h</sup> 0'	19 <sup>h</sup> 39'	20 <sup>h</sup> 42'	9 <sup>h</sup> 48'	19 <sup>h</sup> 47'	W14
T 15	23 37 1	22 <sup>h</sup> 38'08"	1 <sup>h</sup> 34'	8 <sup>h</sup> 49'	21 <sup>h</sup> 10'	0 <sup>h</sup> 37'	29 <sup>h</sup> 58'	4 <sup>h</sup> 30'	19 <sup>h</sup> 48'	21 <sup>h</sup> 59'	20 <sup>h</sup> 0'	19 <sup>h</sup> 39'	20 <sup>h</sup> 39'	9 <sup>h</sup> 55'	19 <sup>h</sup> 53'	T 15
F 16	23 40 58	23 <sup>h</sup> 36'18"	15 <sup>h</sup> 35'	10 <sup>h</sup> 36'	22 <sup>h</sup> 24'	1 <sup>h</sup> 15'	0 <sup>h</sup> 2'	4 <sup>h</sup> 31'	19 <sup>h</sup> 52'	22 <sup>h</sup> 0'	20 <sup>h</sup> 0'	19 <sup>h</sup> 37'	20 <sup>h</sup> 36'	10 <sup>h</sup> 1'	19 <sup>h</sup> 59'	F 16
S 17	23 44 54	24 <sup>h</sup> 34'31"	29 <sup>h</sup> 30'	12 <sup>h</sup> 26'	23 <sup>h</sup> 38'	1 <sup>h</sup> 54'	0 <sup>h</sup> 5'	4 <sup>h</sup> 32'	19 <sup>h</sup> 56'	22 <sup>h</sup> 0'	20 <sup>h</sup> 0'	19 <sup>h</sup> 32'	20 <sup>h</sup> 32'	10 <sup>h</sup> 8'	20 <sup>h</sup> 5'	S 17
S 18	23 48 51	25 <sup>h</sup> 32'45"	13 <sup>h</sup> 17'	14 <sup>h</sup> 17'	24 <sup>h</sup> 53'	2 <sup>h</sup> 32'	0 <sup>h</sup> 9'	4 <sup>h</sup> 33'	20 <sup>h</sup> 0'	22 <sup>h</sup> 0'	20 <sup>h</sup> 0'	19 <sup>h</sup> 26'	20 <sup>h</sup> 29'	10 <sup>h</sup> 15'	20 <sup>h</sup> 11'	S 18
M19	23 52 48	26 <sup>h</sup> 31'01"	26 <sup>h</sup> 54'	16 <sup>h</sup> 10'	26 <sup>h</sup> 7'	3 <sup>h</sup> 11'	0 <sup>h</sup> 14'	4 <sup>h</sup> 34'	20 <sup>h</sup> 3'	22 <sup>h</sup> 1'	20 <sup>h</sup> 0'	19 <sup>h</sup> 18'	20 <sup>h</sup> 26'	10 <sup>h</sup> 21'	20 <sup>h</sup> 17'	M19
T 20	23 56 44	27 <sup>h</sup> 29'19"	10 <sup>h</sup> 18'	18 <sup>h</sup> 3'	27 <sup>h</sup> 22'	3 <sup>h</sup> 49'	0 <sup>h</sup> 18'	4 <sup>h</sup> 35'	20 <sup>h</sup> 7'	22 <sup>h</sup> 1'	20 <sup>h</sup> 0'	19 <sup>h</sup> 9'	20 <sup>h</sup> 23'	10 <sup>h</sup> 28'	20 <sup>h</sup> 23'	T 20
W21	0 0 41	28 <sup>h</sup> 27'39"	23 <sup>h</sup> 29'	19 <sup>h</sup> 57'	28 <sup>h</sup> 37'	4 <sup>h</sup> 28'	0 <sup>h</sup> 23'	4 <sup>h</sup> 36'	20 <sup>h</sup> 11'	22 <sup>h</sup> 2'	20 <sup>h</sup> 0'	19 <sup>h</sup> 0'	20 <sup>h</sup> 20'	10 <sup>h</sup> 35'	20 <sup>h</sup> 29'	W21
T 22	0 4 37	29 <sup>h</sup> 26'01"	6 <sup>h</sup> 23'	21 <sup>h</sup> 51'	29 <sup>h</sup> 51'	5 <sup>h</sup> 6'	0 <sup>h</sup> 27'	4 <sup>h</sup> 38'	20 <sup>h</sup> 15'	22 <sup>h</sup> 3'	20 <sup>h</sup> 0'	18 <sup>h</sup> 52'	20 <sup>h</sup> 17'	10 <sup>h</sup> 41'	20 <sup>h</sup> 36'	T 22
F 23	0 8 34	0 <sup>h</sup> 24'24"	19 <sup>h</sup> 1'	23 <sup>h</sup> 45'	1 <sup>h</sup> 6'	5 <sup>h</sup> 45'	0 <sup>h</sup> 32'	4 <sup>h</sup> 39'	20 <sup>h</sup> 18'	22 <sup>h</sup> 3'	20 <sup>h</sup> 0'	18 <sup>h</sup> 46'	20 <sup>h</sup> 13'	10 <sup>h</sup> 48'	20 <sup>h</sup> 42'	F 23
S 24	0 12 30	1 <sup>h</sup> 22'49"	1 <sup>h</sup> 23'	25 <sup>h</sup> 40'	2 <sup>h</sup> 20'	6 <sup>h</sup> 23'	0 <sup>h</sup> 37'	4 <sup>h</sup> 41'	20 <sup>h</sup> 22'	22 <sup>h</sup> 4'	20 <sup>h</sup> 0'	18 <sup>h</sup> 43'	20 <sup>h</sup> 10'	10 <sup>h</sup> 55'	20 <sup>h</sup> 48'	S 24
S 25	0 16 27	2 <sup>h</sup> 21'16"	13 <sup>h</sup> 32'	27 <sup>h</sup> 34'	3 <sup>h</sup> 35'	7 <sup>h</sup> 2'	0 <sup>h</sup> 43'	4 <sup>h</sup> 42'	20 <sup>h</sup> 26'	22 <sup>h</sup> 5'	20 <sup>h</sup> 0'	18 <sup>h</sup> 41'	20 <sup>h</sup> 7'	11 <sup>h</sup> 1'	20 <sup>h</sup> 55'	S 25
M26	0 20 23	3 <sup>h</sup> 19'45"	25 <sup>h</sup> 29'	29 <sup>h</sup> 27'	4 <sup>h</sup> 50'	7 <sup>h</sup> 41'	0 <sup>h</sup> 48'	4 <sup>h</sup> 44'	20 <sup>h</sup> 29'	22 <sup>h</sup> 5'	20 <sup>h</sup> 0'	18 <sup>h</sup> 41'	20 <sup>h</sup> 4'	11 <sup>h</sup> 8'	21 <sup>h</sup> 1'	M26
T 27	0 24 20	4 <sup>h</sup> 18'15"	7 <sup>h</sup> 20'	1 <sup>h</sup> 20'	6 <sup>h</sup> 4'	8 <sup>h</sup> 19'	0 <sup>h</sup> 54'	4 <sup>h</sup> 46'	20 <sup>h</sup> 33'	22 <sup>h</sup> 6'	20 <sup>h</sup> 0'	18 <sup>h</sup> 42'	20 <sup>h</sup> 1'	11 <sup>h</sup> 15'	21 <sup>h</sup> 8'	T 27
W28	0 28 16	5 <sup>h</sup> 16'47"	19 <sup>h</sup> 8'	3 <sup>h</sup> 12'	7 <sup>h</sup> 19'	8 <sup>h</sup> 58'	0 <sup>h</sup> 59'	4 <sup>h</sup> 48'	20 <sup>h</sup> 37'	22 <sup>h</sup> 7'	20 <sup>h</sup> 0'	18 <sup>h</sup> 44'	19 <sup>h</sup> 57'	11 <sup>h</sup> 21'	21 <sup>h</sup> 15'	W28
T 29	0 32 13	6 <sup>h</sup> 15'20"	0 <sup>h</sup> 35'	5 <sup>h</sup> 3'	8 <sup>h</sup> 33'	9 <sup>h</sup> 37'	1 <sup>h</sup> 5'	4 <sup>h</sup> 50'	20 <sup>h</sup> 40'	22 <sup>h</sup> 8'	19 <sup>h</sup> 59'	18 <sup>h</sup> 45'	19 <sup>h</sup> 51'	11 <sup>h</sup> 28'	21 <sup>h</sup> 21'	T 29
F 30	0 36 10	7 <sup>h</sup> 13'55"	12 <sup>h</sup> 35'	6 <sup>h</sup> 54'	9 <sup>h</sup> 48'	10 <sup>h</sup> 15'	1 <sup>h</sup> 11'	4 <sup>h</sup> 52'	20 <sup>h</sup> 44'	22 <sup>h</sup> 9'	19 <sup>h</sup> 59'	18 <sup>h</sup> 45'	19 <sup>h</sup> 51'	11 <sup>h</sup> 35'	21 <sup>h</sup> 28'	F 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	8n 8	25s53	2s42	12n41	1s34	11n16	1n17	4n10	0n57	23s11	0n10	22s25	0n52	5n 3	0n44	21s42	1n25	11n49	11s11	17n55	18n 3	23s 7	14s37	2n48			
F 2	7 46	26 48	3 32	12 48	1 16	10 50	1 18	3 54	0 57	23 11	0 10	22 25	0 52	5 1	0 44	21 42	1 25	11 49	11 11	17 54	18 2	23 9	14 39	2 48			
S 3	7 24	26 26	4 13	12 52	0 59	10 23	1 19	3 39	0 57	23 11	0 10	22 25	0 52	5 0	0 44	21 42	1 25	11 49	11 12	17 53	18 1	23 11	14 40	2 48			
S 4	7 2	24 46	4 43	12 53	0 42	9 57	1 19	3 24	0 56	23 12	0 10	22 25	0 52	4 58	0 44	21 42	1 25	11 49	11 12	17 51	18 0	23 12	14 41	2 48			
M 5	6 40	21 48	5 0	12 51	0 26	9 30	1 20	3 8	0 56	23 12	0 10	22 26	0 51	4 57	0 44	21 42	1 25	11 49	11 12	17 48	18 0	23 14	14 43	2 48			
T 6	6 18	17 42	5 2	12 46	0 10	9 3	1 21	2 53	0 56	23 12	0 10	22 26	0 51	4 56	0 44	21 43	1 25	11 49	11 12	17 45	17 59	23 16	14 44	2 48			
W 7	5 56	12 37	4 47	12 37	0n 4	8 35	1 22	2 37	0 55	23 12	0 9	22 26	0 51	4 54	0 44	21 43	1 24	11 48	11 12	17 42	17 58	23 18	14 45	2 48			
T 8	5 33	6 49	4 16	12 25	0 18	8 7	1 22	2 22	0 55	23 12	0 9	22 26	0 51	4 53	0 44	21 43	1 24	11 48	11 13	17 40	17 57	23 20	14 47	2 48			
F 9	5 11	0 35	3 28	12 10	0 31	7 39	1 23	2 6	0 55	23 12	0 9	22 26	0 51	4 51	0 44	21 43	1 24	11 48	11 13	17 37	17 56	23 22	14 48	2 48			
S 10	4 48	5n45	2 28	11 52	0 43	7 11	1 23	1 51	0 54	23 12	0 9	22 26	0 51	4 50	0 44	21 43	1 24	11 48	11 13	17 36	17 55	23 24	14 50	2 48			
S 11	4 26	11 52	1 18	11 30	0 54	6 43	1 24	1 35	0 54	23 13	0 9	22 27	0 50	4 48	0 44	21 43	1 24	11 48	11 13	17 35	17 55	23 25	14 51	2 48			
M12	4 3	17 23	0 3	11 6	1 4	6 14	1 24	1 20	0 53	23 13	0 9	22 27	0 50	4 47	0 44	21 43	1 24	11 47	11 13	17 35	17 54	23 27	14 53	2 48			
T 13	3 40	21 56	1n13	10 38	1 13	5 46	1 24	1 4	0 53	23 13	0 9	22 27	0 50	4 45	0 44	21 43	1 24	11 47	11 14	17 35	17 53	23 29	14 54	2 48			
W14	3 18	25 9	2 23	10 8	1 21	5 17	1 25	0 49	0 53	23 13	0 8	22 27	0 50	4 44	0 44	21 43	1 24	11 47	11 14	17 35	17 52	23 31	14 56	2 48			
T 15	2 55	26 46	3 25	9 35	1 28	4 48	1 25	0 33	0 52	23 13	0 8	22 27	0 50	4 42	0 44	21 43	1 24	11 47	11 14	17 35	17 51	23 33	14 57	2 48			
F 16	2 32	26 39	4 14	9 0	1 33	4 18	1 25	0 18	0 52	23 13	0 8	22 27	0 50	4 41	0 44	21 43	1 24	11 47	11 14	17 35	17 50	23 35	14 59	2 48			
S 17	2 9	24 52	4 48	8 23	1 38	3 49	1 25	0 2	0 52	23 13	0 8	22 27	0 49	4 39	0 44	21 43	1 24	11 46	11 14	17 33	17 50	23 36	15 0	2 48			
S 18	1 46	21 38	5 4	7 44	1 42	3 20	1 25	0s13	0 51	23 14	0 8	22 28	0 49	4 38	0 44	21 43	1 24	11 46	11 15	17 32	17 49	23 38	15 2	2 48			
M19	1 23	17 15	5 3	7 3	1 45	2 50	1 25	0 29	0 51	23 14	0 8	22 28	0 49	4 36	0 44	21 43	1 24	11 46	11 15	17 29	17 48	23 40	15 3	2 48			
T 20	1 0	12 5	4 46	6 21	1 47	2 20	1 25	0 45	0 50	23 14	0 8	22 28	0 49	4 35	0 44	21 44	1 24	11 46	11 15	17 27	17 47	23 42	15 5	2 48			
W21	0 37	6 27	4 13	5 37	1 48	1 51	1 25	1 0	0 50	23 14	0 7	22 28	0 49	4 33	0 44	21 44	1 24	11 46	11 15	17 25	17 46	23 43	15 6	2 48			
T 22	0 13	0 40	3 28	4 53	1 48	1 21	1 24	1 16	0 50	23 14	0 7	22 28	0 49	4 32	0 44	21 44	1 24	11 45	11 15	17 23	17 45	23 45	15 8	2 48			
F 23	0s10	5s 3	2 33	4 7	1 48	0 51	1 24	1 31	0 49	23 14	0 7	22 28	0 49	4 31	0 44	21 44	1 24	11 45	11 16	17 21	17 44	23 47	15 10	2 48			
S 24	0 33	10 28	1 32	3 21	1 47	0 21	1 23	1 47	0 49	23 14	0 7	22 28	0 48	4 29	0 44	21 44	1 24	11 45	11 16	17 20	17 44	23 49	15 11	2 48			
S 25	0 56	15 24	0 28	2 35	1 45	0s 9	1 23	2 2	0 48	23 14	0 7	22 28	0 48	4 28	0 44	21 44	1 24	11 45	11 16	17 19	17 43	23 51	15 13	2 48			
M26	1 19	19 40	0s37	1 48	1 43	0 39	1 22	2 18	0 48	23 15	0 7	22 28	0 48	4 26	0 44	21 44	1 23	11 45	11 16	17 19	17 42	23 52	15 15	2 48			
T 27	1 42	23 6	1 39	1 0	1 40	1 9	1 22	2 34	0 48	23 15	0 7	22 28	0 48	4 25	0 44	21 44	1 23	11 44	11 16	17 20	17 41	23 54	15 16	2 48			
W28	2 5	25 32	2 38	0 13	1 37	1 39	1 21	2 49	0 47	23 15	0 7	22 29	0 48	4 23	0 44	21 44	1 23	11 44	11 17	17 20	17 40	23 56	15 18	2 48			
T 29	2 29	26 51	3 29	0s35	1 33	2 9	1 20	3 5	0 47	23 15	0 6	22 29	0 48	4 22	0 44	21 44	1 23	11 44	11 17	17 21	17 39	23 58	15 20	2 48			
F 30	2s52	26s55	4s12	1s22	1n29	2s39	1n20	3s20	0n46	23s15	0n 6	22s29	0n47	4n20	0n44	21s44	1n23	11n44	11s17	17n20	17n39	23s59	15s21	2n49			

## ASTRODIENST EPHEMERIS for the year 2636

OCTOBER 2636

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 40 6	8♂12'32	25♂8	8♂43	11♂3	10♂54	1♂18	4♂54	20♂48	22♂10	19♂R59	18♂R43	19♂848	11♂741	21♂M35	S 1
S 2	0 44 3	9°11'11	7♂36	10°32	12°17	11°33	1°24	4°56	20°51	22°11	19♂59	18♂40	19°45	11°48	21°42	S 2
M 3	0 47 59	10° 9'51	20°25	12°20	13°32	12°12	1°30	4°58	20°55	22°11	19°58	18°35	19°42	11°55	21°49	M 3
T 4	0 51 56	11° 8'32	3♂37	14° 7	14°47	12°50	1°37	5° 1	20°59	22°12	19°58	18°29	19°38	12° 1	21°56	T 4
W 5	0 55 52	12° 7'16	17°13	15°52	16° 1	13°29	1°44	5° 3	21° 2	22°13	19°58	18°23	19°35	12° 8	22° 3	W 5
T 6	0 59 49	13° 6'01	1♂12	17°37	17°16	14° 8	1°51	5° 6	21° 6	22°15	19°57	18°18	19°32	12°15	22°10	T 6
F 7	1 3 45	14° 4'48	15°29	19°21	18°31	14°47	1°58	5° 9	21° 9	22°16	19°57	18°14	19°29	12°21	22°17	F 7
S 8	1 7 42	15° 3'37	29°59	21° 4	19°46	15°26	2° 5	5°12	21°13	22°17	19°57	18°11	19°26	12°28	22°24	S 8
S 9	1 11 39	16° 2'28	14♂37	22°47	21° 0	16° 5	2°12	5°15	21°16	22°18	19°56	18°D10	19°23	12°35	22°31	S 9
M10	1 15 35	17° 1'22	29°16	24°28	22°15	16°44	2°20	5°18	21°20	22°19	19°56	18°10	19°19	12°41	22°39	M10
T 11	1 19 32	18° 0'17	13♂49	26° 8	23°30	17°23	2°28	5°21	21°23	22°20	19°55	18°11	19°16	12°48	22°46	T 11
W12	1 23 28	18°59'15	28°13	27°48	24°45	18° 2	2°35	5°24	21°27	22°21	19°55	18°13	19°13	12°55	22°53	W12
T 13	1 27 25	19°58'16	12♂25	29°26	25°59	18°41	2°43	5°27	21°30	22°23	19°54	18°14	19°10	13° 1	23° 1	T 13
F 14	1 31 21	20°57'18	26°24	1♂ 4	27°14	19°20	2°51	5°30	21°34	22°24	19°54	18°R14	19° 7	13° 8	23° 8	F 14
S 15	1 35 18	21°56'23	10♂8	2°41	28°29	19°59	2°59	5°34	21°37	22°25	19°53	18°13	19° 3	13°14	23°16	S 15
S 16	1 39 14	22°55'30	23°37	4°17	29°44	20°38	3° 8	5°37	21°41	22°27	19°53	18°10	19° 0	13°21	23°23	S 16
M17	1 43 11	23°54'39	6♂52	5°53	0♂59	21°17	3°16	5°41	21°44	22°28	19°52	18° 7	18°57	13°28	23°31	M17
T 18	1 47 8	24°53'51	19°53	7°27	2°13	21°56	3°25	5°45	21°47	22°29	19°52	18° 3	18°54	13°34	23°38	T 18
W19	1 51 4	25°53'04	2♂40	9° 1	3°28	22°36	3°33	5°48	21°51	22°31	19°51	18° 0	18°51	13°41	23°46	W19
T 20	1 55 1	26°52'20	15°14	10°34	4°43	23°15	3°42	5°52	21°54	22°32	19°51	17°57	18°48	13°48	23°54	T 20
F 21	1 58 57	27°51'38	27°36	12° 7	5°58	23°54	3°51	5°56	21°57	22°34	19°50	17°55	18°44	13°54	24° 1	F 21
S 22	2 2 54	28°50'58	9♂47	13°39	7°13	24°33	4° 0	6° 0	22° 0	22°35	19°49	17°53	18°41	14° 1	24° 9	S 22
S 23	2 6 50	29°50'20	21°48	15°10	8°28	25°13	4°10	6° 4	22° 3	22°37	19°49	17°D53	18°38	14° 8	24°17	S 23
M24	2 10 47	0♂49'44	3♂41	16°40	9°42	25°52	4°19	6° 8	22° 7	22°38	19°48	17°54	18°35	14°14	24°25	M24
T 25	2 14 43	1°49'09	15°30	18° 9	10°57	26°31	4°28	6°13	22°10	22°40	19°47	17°55	18°32	14°21	24°32	T 25
W26	2 18 40	2°48'37	27°18	19°38	12°12	27°11	4°38	6°17	22°13	22°41	19°47	17°56	18°29	14°28	24°40	W26
T 27	2 22 37	3°48'06	9♂8	21° 6	13°27	27°50	4°47	6°21	22°16	22°43	19°46	17°58	18°25	14°34	24°48	T 27
F 28	2 26 33	4°47'37	21° 5	22°34	14°42	28°30	4°57	6°26	22°19	22°45	19°45	17°59	18°22	14°41	24°56	F 28
S 29	2 30 30	5°47'10	3♂13	24° 0	15°57	29° 9	5° 7	6°30	22°22	22°46	19°44	17°R59	18°19	14°48	25° 4	S 29
S 30	2 34 26	6°46'45	15°38	25°26	17°12	29°49	5°17	6°35	22°25	22°48	19°44	17°59	18°16	14°54	25°12	S 30
M31	2 38 23	7♂46'21	28♂23	26♂51	18♂26	0♂28	5♂27	6♂39	22♂28	22♂50	19♂43	17♂58	18♂13	15♂1	25♂20	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	3s15	25s42	4s45	2s 9	1n24	3s 9	1n19	3s36	0n46	23s15	0n 6	22s29	0n47	4n19	0n44	21s45
S 2	3 38	23 13	5 5	2 56	1 19	3 39	1 18	3 51	0 46	23 15	0 6	22 29	0 47	4 18	0 44	21 45
M 3	4 1	19 32	5 11	3 43	1 14	4 8	1 17	4 7	0 45	23 15	0 6	22 29	0 47	4 16	0 44	21 45
T 4	4 24	14 48	5 0	4 29	1 9	4 38	1 16	4 22	0 45	23 15	0 6	22 29	0 47	4 15	0 44	21 45
W 5	4 47	9 13	4 33	5 15	1 3	5 8	1 15	4 37	0 44	23 15	0 6	22 29	0 47	4 13	0 44	21 45
T 6	5 9	3 1	3 48	6 1	0 57	5 37	1 14	4 53	0 44	23 15	0 6	22 29	0 47	4 12	0 44	21 45
F 7	5 32	3n28	2 49	6 46	0 51	6 7	1 13	5 8	0 44	23 15	0 5	22 29	0 46	4 11	0 45	21 45
S 8	5 55	9 54	1 38	7 30	0 45	6 36	1 11	5 23	0 43	23 15	0 5	22 29	0 46	4 9	0 45	21 45
S 9	6 17	15 52	0 19	8 14	0 38	7 5	1 10	5 39	0 43	23 15	0 5	22 29	0 46	4 8	0 45	21 45
M10	6 40	20 54	1n 0	8 58	0 31	7 34	1 9	5 54	0 42	23 15	0 5	22 29	0 46	4 6	0 45	21 46
T 11	7 2	24 38	2 16	9 40	0 25	8 3	1 7	6 9	0 42	23 15	0 5	22 29	0 46	4 5	0 45	21 46
W12	7 25	26 43	3 22	10 23	0 18	8 32	1 6	6 24	0 41	23 15	0 5	22 29	0 46	4 4	0 45	21 46
T 13	7 47	27 1	4 15	11 4	0 11	9 1	1 4	6 40	0 41	23 15	0 5	22 29	0 46	4 2	0 45	21 46
F 14	8 9	25 34	4 52	11 45	0 4	9 29	1 3	6 55	0 41	23 15	0 5	22 29	0 45	4 1	0 45	21 46
S 15	8 31	22 38	5 11	12 25	0s 3	9 57	1 1	7 10	0 40	23 15	0 4	22 29	0 45	4 0	0 45	21 46
S 16	8 53	18 31	5 13	13 4	0 10	10 25	0 59	7 25	0 40	23 15	0 4	22 29	0 45	3 59	0 45	21 46
M17	9 15	13 34	4 58	13 42	0 17	10 52	0 58	7 40	0 39	23 15	0 4	22 29	0 45	3 57	0 45	21 46
T 18	9 37	8 5	4 27	14 20	0 24	11 20	0 56	7 55	0 39	23 15	0 4	22 29	0 45	3 56	0 45	21 47
W19	9 58	2 22	3 44	14 57	0 31	11 47	0 54	8 10	0 38	23 15	0 4	22 29	0 45	3 55	0 45	21 47
T 20	10 19	3s22	2 50	15 33	0 38	12 14	0 52	8 25	0 38	23 14	0 4	22 29	0 45	3 53	0 45	21 47
F 21	10 41	8 53	1 50	16 8	0 45	12 41	0 50	8 40	0 38	23 14	0 4	22 29	0 44	3 52	0 45	21 47
S 22	11 2	13 59	0 45	16 43	0 52	13 7	0 48	8 55	0 37	23 14	0 4	22 29	0 44	3 51	0 45	21 47
S 23	11 23	18 30	0s22	17 16	0 59	13 33	0 46	9 9	0 37	23 14	0 4	22 29	0 44	3 50	0 45	21 47
M24	11 43	22 14	1 26	17 49	1 6	13 58	0 44	9 24	0 36	23 14	0 3	22 29	0 44	3 48	0 45	21 47
T 25	12 4	25 1	2 27	18 20	1 13	14 24	0 42	9 39	0 36	23 14	0 3	22 29	0 44	3 47	0 45	21 47
W26	12 24	26 41	3 21	18 51	1 19	14 49	0 40	9 53	0 35	23 13	0 3	22 29	0 44	3 46	0 45	21 48
T 27	12 45	27 9	4 7	19 21	1 26	15 13	0 38	10 8	0 35	23 13	0 3	22 29	0 44	3 45	0 45	21 48
F 28	13 5	26 22	4 43	19 50	1 32	15 37	0 36	10 22	0 34	23 13	0 3	22 29	0 43	3 44	0 45	21 48
S 29	13 24	24 21	5 7	20 18	1 38	16 1	0 34	10 36	0 34	23 13	0 3	22 29	0 43	3 43	0 45	21 48
S 30	13 44	21 8	5 17	20 45	1 45	16 25	0 31	10 51	0 33	23 12	0 3	22 29	0 43	3 41	0 45	21 48
M31	14s 3	16s52	5s12	21s11	1s50	16s48	0n29	11s 5	0n33	23s12	0n 3	22s28	0n43	3n40	0n45	21s48

Julian Day Number = 2684112.5, Delta T = 22m40s

Ecliptic obliquity = 23°21'30, Nutation = - 0°00'13

Ayanamsha: Fagan/Bradley = 33°38'49, Lahiri = 32°45'49

# ASTRODIENST EPHEMERIS for the year 2636

NOVEMBER 2636

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 42 19	8♈45'59	11♏33	28♈16	19♈41	1♈ 8	5♏37	6♏44	22♈31	22♈51	19°R42	17°R57	18♏ 9	15♏ 8	25♈28	T 1
W 2	2 46 16	9°45'39	25° 8	29°39	20°56	1°47	5°48	6°49	22°34	22°53	19°II41	17♏56	18° 6	15°14	25°36	W 2
T 3	2 50 12	10°45'20	9°Y 10	1♏ 2	22°11	2°27	5°58	6°54	22°36	22°55	19°40	17°55	18° 3	15°21	25°44	T 3
F 4	2 54 9	11°45'03	23°37	2°23	23°26	3° 7	6° 9	6°59	22°39	22°57	19°39	17°55	18° 0	15°28	25°52	F 4
S 5	2 58 6	12°44'48	8♏23	3°44	24°41	3°46	6°19	7° 4	22°42	22°58	19°39	17°54	17°57	15°34	26° 0	S 5
S 6	3 2 2	13°44'35	23°21	5° 3	25°56	4°26	6°30	7° 9	22°45	23° 0	19°38	17°D54	17°54	15°41	26° 8	S 6
M 7	3 5 59	14°44'24	8♈24	6°22	27°10	5° 6	6°41	7°14	22°47	23° 2	19°37	17°55	17°50	15°48	26°16	M 7
T 8	3 9 55	15°44'15	23°22	7°39	28°25	5°46	6°51	7°19	22°50	23° 4	19°36	17°55	17°47	15°54	26°25	T 8
W 9	3 13 52	16°44'08	8♏ 9	8°55	29°40	6°26	7° 2	7°25	22°53	23° 6	19°35	17°55	17°44	16° 1	26°33	W 9
T 10	3 17 48	17°44'04	22°37	10° 9	0♏55	7° 5	7°14	7°30	22°55	23° 8	19°34	17°R55	17°41	16° 8	26°41	T 10
F 11	3 21 45	18°44'01	6♏44	11°22	2°10	7°45	7°25	7°35	22°58	23°10	19°33	17°55	17°38	16°14	26°49	F 11
S 12	3 25 41	19°44'01	20°29	12°32	3°25	8°25	7°36	7°41	23° 0	23°12	19°32	17°D55	17°35	16°21	26°57	S 12
S 13	3 29 38	20°44'03	3♈52	13°41	4°40	9° 5	7°47	7°46	23° 3	23°14	19°31	17°55	17°31	16°28	27° 5	S 13
M14	3 33 35	21°44'06	16°55	14°48	5°55	9°45	7°59	7°52	23° 5	23°16	19°30	17°55	17°28	16°34	27°14	M14
T 15	3 37 31	22°44'12	29°39	15°52	7°10	10°25	8°10	7°57	23° 7	23°18	19°29	17°56	17°25	16°41	27°22	T 15
W16	3 41 28	23°44'20	12♏ 9	16°54	8°24	11° 5	8°22	8° 3	23°10	23°20	19°28	17°56	17°22	16°48	27°30	W16
T 17	3 45 24	24°44'30	24°26	17°52	9°39	11°45	8°33	8° 9	23°12	23°22	19°27	17°57	17°19	16°54	27°38	T 17
F 18	3 49 21	25°44'42	6♈33	18°47	10°54	12°26	8°45	8°15	23°14	23°24	19°26	17°57	17°15	17° 1	27°46	F 18
S 19	3 53 17	26°44'56	18°32	19°38	12° 9	13° 6	8°57	8°20	23°16	23°26	19°25	17°R58	17°12	17° 8	27°55	S 19
S 20	3 57 14	27°45'11	0♏25	20°25	13°24	13°46	9° 9	8°26	23°18	23°28	19°24	17°57	17° 9	17°14	28° 3	S 20
M21	4 1 10	28°45'28	12°15	21° 7	14°39	14°26	9°21	8°32	23°21	23°30	19°23	17°57	17° 6	17°21	28°11	M21
T 22	4 5 7	29°45'47	24° 3	21°43	15°54	15° 6	9°33	8°38	23°23	23°32	19°22	17°55	17° 3	17°28	28°19	T 22
W23	4 9 4	0♏46'08	5♏52	22°14	17° 9	15°47	9°45	8°44	23°25	23°34	19°21	17°53	17° 0	17°34	28°27	W23
T 24	4 13 0	1°46'30	17°44	22°37	18°24	16°27	9°57	8°50	23°27	23°36	19°20	17°51	16°56	17°41	28°36	T 24
F 25	4 16 57	2°46'53	29°42	22°53	19°39	17° 7	10°10	8°57	23°28	23°38	19°19	17°49	16°53	17°48	28°44	F 25
S 26	4 20 53	3°47'18	11♏50	23°R 1	20°54	17°48	10°22	9° 3	23°30	23°41	19°18	17°47	16°50	17°54	28°52	S 26
S 27	4 24 50	4°47'44	24°12	23° 0	22° 8	18°28	10°34	9° 9	23°32	23°43	19°16	17°46	16°47	18° 1	29° 0	S 27
M28	4 28 46	5°48'12	6♈52	22°49	23°23	19° 9	10°47	9°15	23°34	23°45	19°15	17°D46	16°44	18° 8	29° 8	M28
T 29	4 32 43	6°48'40	19°53	22°28	24°38	19°49	10°59	9°22	23°35	23°47	19°14	17°46	16°41	18°14	29°16	T 29
W30	4 36 39	7°49'10	3°Y 19	21♏57	25♏53	20♈30	11♏12	9♏28	23♈37	23♏49	19°II13	17♏47	16♏37	18♏21	29♈25	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	14s22	11s42	4s51	21s36	1s56	17s10	0n27	11s19	0n32	23s12	0n 3	22s28	0n43	3n39	0n45	21s48
W 2	14 41	5 48	4 13	21 59	2 2	17 32	0 24	11 33	0 32	23 11	0 3	22 28	0 43	3 38	0 45	21 48
T 3	15 0	0n34	3 19	22 22	2 7	17 54	0 22	11 47	0 32	23 11	0 2	22 28	0 43	3 37	0 45	21 49
F 4	15 19	7 6	2 11	22 44	2 12	18 15	0 20	12 1	0 31	23 11	0 2	22 28	0 43	3 36	0 45	21 49
S 5	15 37	13 25	0 53	23 4	2 17	18 36	0 17	12 15	0 31	23 10	0 2	22 28	0 42	3 35	0 45	21 49
S 6	15 55	19 2	0n30	23 24	2 22	18 56	0 15	12 29	0 30	23 10	0 2	22 28	0 42	3 34	0 45	21 49
M 7	16 12	23 28	1 51	23 42	2 26	19 15	0 13	12 43	0 30	23 9	0 2	22 28	0 42	3 33	0 45	21 49
T 8	16 30	26 16	3 5	23 59	2 30	19 35	0 10	12 56	0 29	23 9	0 2	22 27	0 42	3 32	0 45	21 49
W 9	16 47	27 11	4 5	24 15	2 34	19 53	0 8	13 10	0 29	23 9	0 2	22 27	0 42	3 31	0 45	21 49
T 10	17 4	26 12	4 47	24 29	2 37	20 11	0 5	13 23	0 28	23 8	0 2	22 27	0 42	3 30	0 45	21 49
F 11	17 20	23 33	5 12	24 42	2 40	20 29	0 3	13 37	0 28	23 8	0 2	22 27	0 42	3 29	0 45	21 50
S 12	17 37	19 37	5 17	24 54	2 42	20 46	0 0	13 50	0 27	23 7	0 1	22 27	0 42	3 28	0 45	21 50
S 13	17 53	14 48	5 6	25 5	2 44	21 2	0s 2	14 3	0 27	23 6	0 1	22 26	0 41	3 27	0 45	21 50
M14	18 8	9 25	4 38	25 14	2 46	21 18	0 5	14 16	0 26	23 6	0 1	22 26	0 41	3 26	0 45	21 50
T 15	18 24	3 46	3 57	25 23	2 47	21 33	0 7	14 29	0 26	23 5	0 1	22 26	0 41	3 25	0 46	21 50
W16	18 39	1s56	3 6	25 29	2 47	21 48	0 10	14 42	0 25	23 5	0 1	22 26	0 41	3 24	0 46	21 50
T 17	18 53	7 28	2 7	25 34	2 47	22 2	0 12	14 55	0 25	23 4	0 1	22 26	0 41	3 23	0 46	21 50
F 18	19 8	12 40	1 3	25 38	2 46	22 15	0 15	15 8	0 24	23 3	0 1	22 25	0 41	3 23	0 46	21 50
S 19	19 22	17 20	0s 3	25 40	2 44	22 28	0 17	15 21	0 24	23 3	0 1	22 25	0 41	3 22	0 46	21 51
S 20	19 36	21 17	1 9	25 41	2 41	22 40	0 20	15 33	0 23	23 2	0 1	22 25	0 41	3 21	0 46	21 51
M21	19 49	24 21	2 11	25 41	2 37	22 51	0 22	15 45	0 23	23 1	0 1	22 25	0 41	3 20	0 46	21 51
T 22	20 2	26 20	3 7	25 38	2 33	23 2	0 25	15 58	0 22	23 0	0 0	22 24	0 40	3 19	0 46	21 51
W23	20 15	27 9	3 55	25 34	2 27	23 12	0 27	16 10	0 21	23 0	0 0	22 24	0 40	3 19	0 46	21 51
T 24	20 27	26 43	4 34	25 29	2 20	23 21	0 30	16 22	0 21	22 59	0 0	22 24	0 40	3 18	0 46	21 51
F 25	20 39	25 2	5 1	25 21	2 11	23 29	0 32	16 34	0 20	22 58	0 0	22 23	0 40	3 17	0 46	21 51
S 26	20 50	22 13	5 14	25 12	2 2	23 37	0 35	16 46	0 20	22 57	0 0	22 23	0 40	3 16	0 46	21 51
S 27	21 1	18 21	5 14	25 1	1 51	23 45	0 37	16 57	0 19	22 56	0 0	22 23	0 40	3 16	0 46	21 52
M28	21 12	13 35	4 59	24 48	1 38	23 51	0 39	17 9	0 19	22 55	0s 0	22 22	0 40	3 15	0 46	21 52
T 29	21 22	8 6	4 28	24 32	1 24	23 57	0 42	17 20	0 18	22 55	0 0	22 22	0 40	3 15	0 46	21 52
W30	21s32	2s 5	3s42	24s15	1s 8	24s 2	0s44	17s32	0n18	22s54	0s 0	22s22	0n40	3n14	0n46	21s52

Julian Day Number = 2684143.5, Delta T = 22m40s  
 Ecliptic obliquity = 23°21'30", Nutation = - 0°00'14  
 Ayanamsha: Fagan/Bradley = 33°38'54, Lahiri = 32°45'54

## ASTRODIENST EPHEMERIS for the year 2636

DECEMBER 2636

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 40 36	8°49'41	17°12'	21°R15	27°8'	21°10'	11°24'	9°34'	23°39'	23°51'	19°R12	17°49'	16°34'	18°28'	29°33'	T 1
F 2	4 44 33	9°50'14	18°32'	20°23'	28°23'	21°51'	11°37'	9°41'	23°40'	23°54'	19°11'	17°50'	16°31'	18°34'	29°41'	F 2
S 3	4 48 29	10°50'47	16°16'	19°21'	29°38'	22°31'	11°50'	9°47'	23°42'	23°56'	19°10'	17°R51	16°28'	18°41'	29°49'	S 3
S 4	4 52 26	11°51'22	1°12'	18°11'	0°53'	23°12'	12° 3'	9°54'	23°43'	23°58'	19° 9'	17°50'	16°25'	18°48'	29°57'	S 4
M 5	4 56 22	12°51'59	16°35'	16°55'	2° 8'	23°53'	12°16'	10° 0'	23°45'	24° 0'	19° 8'	17°48'	16°21'	18°54'	0° 5'	M 5
T 6	5 0 19	13°52'37	1°50'	15°34'	3°22'	24°33'	12°28'	10° 7'	23°46'	24° 3'	19° 6'	17°45'	16°18'	19° 1'	0°13'	T 6
W 7	5 4 15	14°53'16	16°57'	14°11'	4°37'	25°14'	12°41'	10°14'	23°47'	24° 5'	19° 5'	17°42'	16°15'	19° 8'	0°21'	W 7
T 8	5 8 12	15°53'57	1°45'	12°50'	5°52'	25°55'	12°54'	10°20'	23°48'	24° 7'	19° 4'	17°38'	16°12'	19°14'	0°29'	T 8
F 9	5 12 9	16°54'39	16° 8'	11°33'	7° 7'	26°36'	13° 8'	10°27'	23°50'	24° 9'	19° 3'	17°34'	16° 9'	19°21'	0°37'	F 9
S 10	5 16 5	17°55'23	0°17'	10°22'	8°22'	27°17'	13°21'	10°34'	23°51'	24°12'	19° 2'	17°31'	16° 6'	19°28'	0°45'	S 10
S 11	5 20 2	18°56'08	13°30'	9°19'	9°37'	27°57'	13°34'	10°40'	23°52'	24°14'	19° 1'	17°D30	16° 2'	19°34'	0°53'	S 11
M 12	5 23 58	19°56'54	26°31'	8°27'	10°52'	28°38'	13°47'	10°47'	23°53'	24°16'	19° 0'	17°30'	15°59'	19°41'	1° 1'	M 12
T 13	5 27 55	20°57'42	9°10'	7°45'	12° 6'	29°19'	14° 0'	10°54'	23°54'	24°18'	18°58'	17°31'	15°56'	19°48'	1° 9'	T 13
W 14	5 31 51	21°58'32	21°30'	7°15'	13°21'	0° 0'	14°14'	11° 1'	23°55'	24°21'	18°57'	17°33'	15°53'	19°54'	1°17'	W 14
T 15	5 35 48	22°59'23	3°17'	6°56'	14°36'	0°41'	14°27'	11° 8'	23°55'	24°23'	18°56'	17°35'	15°50'	20° 1'	1°25'	T 15
F 16	5 39 44	24° 0'15	15°34'	6°D48	15°51'	1°22'	14°40'	11°14'	23°56'	24°25'	18°55'	17°R35	15°47'	20° 8'	1°32'	F 16
S 17	5 43 41	25° 1'08	27°25'	6°51'	17° 6'	2° 4'	14°54'	11°21'	23°57'	24°27'	18°54'	17°35'	15°43'	20°14'	1°40'	S 17
S 18	5 47 38	26° 2'03	9°14'	7° 4'	18°21'	2°45'	15° 7'	11°28'	23°58'	24°30'	18°53'	17°33'	15°40'	20°21'	1°48'	S 18
M 19	5 51 34	27° 2'59	21° 2'	7°26'	19°35'	3°26'	15°21'	11°35'	23°58'	24°32'	18°52'	17°28'	15°37'	20°28'	1°56'	M 19
T 20	5 55 31	28° 3'56	2°52'	7°56'	20°50'	4° 7'	15°34'	11°42'	23°59'	24°34'	18°50'	17°22'	15°34'	20°34'	2° 3'	T 20
W 21	5 59 27	29° 4'53	14°45'	8°33'	22° 5'	4°48'	15°48'	11°49'	23°59'	24°36'	18°49'	17°14'	15°31'	20°41'	2°11'	W 21
T 22	6 3 24	0°5'52	26°44'	9°17'	23°20'	5°30'	16° 1'	11°56'	24° 0'	24°39'	18°48'	17° 5'	15°27'	20°48'	2°18'	T 22
F 23	6 7 20	1° 6'51	8°49'	10° 6'	24°35'	6°11'	16°15'	12° 3'	24° 0'	24°41'	18°47'	16°57'	15°24'	20°54'	2°26'	F 23
S 24	6 11 17	2° 7'51	21° 3'	11° 1'	25°49'	6°52'	16°28'	12°10'	24° 0'	24°43'	18°46'	16°49'	15°21'	21° 1'	2°34'	S 24
S 25	6 15 13	3° 8'51	3°28'	12° 0'	27° 4'	7°34'	16°42'	12°17'	24° 1'	24°45'	18°45'	16°43'	15°18'	21° 8'	2°41'	S 25
M 26	6 19 10	4° 9'52	16° 7'	13° 3'	28°19'	8°15'	16°56'	12°24'	24° 1'	24°48'	18°44'	16°39'	15°15'	21°14'	2°48'	M 26
T 27	6 23 7	5°10'53	29° 3'	14°10'	29°34'	8°57'	17°10'	12°31'	24° 1'	24°50'	18°43'	16°37'	15°12'	21°21'	2°56'	T 27
W 28	6 27 3	6°11'54	12°20'	15°19'	0°48'	9°38'	17°23'	12°38'	24° 1'	24°52'	18°42'	16°D37	15° 8'	21°28'	3° 3'	W 28
T 29	6 31 0	7°12'56	25°59'	16°31'	2° 3'	10°20'	17°37'	12°45'	24°R 1	24°54'	18°41'	16°38'	15° 5'	21°34'	3°10'	T 29
F 30	6 34 56	8°13'58	10°13'	17°46'	3°18'	11° 1'	17°51'	12°52'	24° 1'	24°57'	18°39'	16°R39	15° 2'	21°41'	3°18'	F 30
S 31	6 38 53	9°15'01	24°32'	19°22'	4°32'	11°43'	18°35'	12°59'	24°11'	24°59'	18°38'	16°B39	14°59'	21°48'	3°25'	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	21s42	4n15	2s41	23s55	0s51	24s 6	0s47	17s43	0n17	22s53	0s 0	22s21	0n40	3n13	0n46	T 1
F 2	21 51	10 35	1 29	23 33	0 33	24 10	0 49	17 54	0 17	22 52	0 0	22 21	0 39	3 13	0 46	F 2
S 3	22 0	16 31	0 9	23 9	0 13	24 13	0 51	18 5	0 16	22 51	0 1	22 21	0 39	3 12	0 46	S 3
S 4	22 8	21 34	1n14	22 43	0n 7	24 15	0 53	18 16	0 16	22 50	0 1	22 20	0 39	3 12	0 46	S 4
M 5	22 16	25 12	2 32	22 16	0 27	24 16	0 56	18 26	0 15	22 48	0 1	22 20	0 39	3 11	0 46	M 5
T 6	22 23	26 59	3 39	21 47	0 48	24 17	0 58	18 37	0 14	22 47	0 1	22 19	0 39	3 11	0 46	T 6
W 7	22 30	26 45	4 30	21 19	1 7	24 17	1 0	18 47	0 14	22 46	0 1	22 19	0 39	3 10	0 46	W 7
T 8	22 37	24 36	5 2	20 50	1 26	24 16	1 2	18 57	0 13	22 45	0 1	22 19	0 39	3 10	0 46	T 8
F 9	22 43	20 56	5 13	20 24	1 43	24 14	1 4	19 7	0 13	22 44	0 1	22 18	0 39	3 9	0 46	F 9
S 10	22 49	16 11	5 6	19 59	1 58	24 12	1 6	19 17	0 12	22 43	0 1	22 18	0 39	3 9	0 47	S 10
S 11	22 54	10 48	4 42	19 37	2 11	24 9	1 8	19 27	0 12	22 41	0 1	22 17	0 39	3 9	0 47	S 11
M 12	22 59	5 7	4 4	19 18	2 22	24 5	1 10	19 37	0 11	22 40	0 1	22 17	0 39	3 8	0 47	M 12
T 13	23 3	0s38	3 15	19 3	2 30	24 0	1 12	19 46	0 10	22 39	0 1	22 16	0 38	3 8	0 47	T 13
W 14	23 7	6 14	2 18	18 52	2 37	23 55	1 14	19 55	0 10	22 38	0 2	22 16	0 38	3 8	0 47	W 14
T 15	23 10	11 30	1 16	18 45	2 41	23 49	1 16	20 5	0 9	22 36	0 2	22 16	0 38	3 7	0 47	T 15
F 16	23 13	16 16	0 11	18 41	2 43	23 42	1 18	20 13	0 9	22 35	0 2	22 15	0 38	3 7	0 47	F 16
S 17	23 16	20 23	0s53	18 41	2 44	23 35	1 19	20 22	0 8	22 34	0 2	22 15	0 38	3 7	0 47	S 17
S 18	23 18	23 39	1 55	18 44	2 43	23 27	1 21	20 31	0 7	22 32	0 2	22 14	0 38	3 7	0 47	S 18
M 19	23 20	25 55	2 52	18 49	2 41	23 18	1 23	20 39	0 7	22 31	0 2	22 14	0 38	3 6	0 47	M 19
T 20	23 21	27 0	3 41	18 57	2 38	23 8	1 24	20 48	0 6	22 29	0 2	22 13	0 38	3 6	0 47	T 20
W 21	23 21	26 52	4 21	19 7	2 34	22 58	1 26	20 56	0 6	22 28	0 2	22 12	0 38	3 6	0 47	W 21
T 22	23 22	25 28	4 49	19 19	2 29	22 47	1 27	21 4	0 5	22 26	0 2	22 12	0 38	3 6	0 47	T 22
F 23	23 21	22 54	5 5	19 32	2 23	22 35	1 29	21 12	0 4	22 25	0 2	22 11	0 38	3 6	0 47	F 23
S 24	23 20	19 17	5 7	19 46	2 17	22 23	1 30	21 19	0 4	22 23	0 2	22 11	0 38	3 6	0 47	S 24
S 25	23 19	14 47	4 55	20 0	2 10	22 10	1 31	21 27	0 3	22 22	0 3	22 10	0 37	3 6	0 47	S 25
M 26	23 18	9 35	4 29	20 15	2 3	21 56	1 33	21 34	0 3	22 20	0 3	22 10	0 37	3 6	0 47	M 26
T 27	23 15	3 52	3 48	20 30	1 56	21 42	1 34	21 41	0 2	22 18	0 3	22 9	0 37	3 6	0 47	T 27
W 28	23 13	2n11	2 54	20 46	1 48	21 27	1 35	21 48	0 1	22 17	0 3	22 9	0 37	3 6	0 47	W 28
T 29	23 10	8 19	1 49	21 1	1 40	21 12	1 36	21 55	0 1	22 15	0 3	22 8	0 37	3 6	0 47	T 29
F 30	23 6	14 13	0 35	21 16	1 32	20 55	1 37	22 1	0 0	22 13	0 3	22 7	0 37	3 6	0 47	F 30
S 31	23s 2	19n31	0n42	21s30	1n24	20s39	1s38	22s 7	0s 0	22s12	0s 3	22s 7	0n37	3n 6	0n47	S 31

Julian Day Number = 2684173.5, Delta T = 22m40s

Ecliptic obliquity = 23°21'30, Nutation = - 0°00'14

Ayanamsha: Fagan/Bradley = 33°38'58, Lahiri = 32°45'58



# ASTRODIENST EPHEMERIS for the year 2637

FEBRUARY 2637

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 45 3	11°50'14	3°0'0	6°57	14°10	4°12	25°27	16°42	23°R31	26°3	18°R11	13°R28	13°R17	25°21	6°43	W 1
T 2	8 48 59	12°51'14	17°48	8°36	15°24	4°55	25°41	16°49	23°R29	26°4	18°R10	13°R15	13°14	25°28	6°48	T 2
F 3	8 52 56	13°52'14	2°10	10°15	16°37	5°37	25°55	16°55	23°27	26°6	18°9	13°3	13°11	25°35	6°52	F 3
S 4	8 56 52	14°53'12	16°29	11°55	17°51	6°20	26°8	17°2	23°25	26°8	18°9	12°53	13°8	25°41	6°57	S 4
S 5	9 0 49	15°54'11	0°10	13°35	19°4	7°3	26°22	17°8	23°23	26°9	18°8	12°45	13°5	25°48	7°2	S 5
M 6	9 4 45	16°55'08	13°23	15°16	20°18	7°46	26°35	17°15	23°21	26°11	18°8	12°40	13°1	25°55	7°6	M 6
T 7	9 8 42	17°56'05	26°10	16°58	21°31	8°29	26°49	17°21	23°19	26°13	18°7	12°37	12°58	26°1	7°11	T 7
W 8	9 12 39	18°57'02	8°35	18°40	22°45	9°12	27°2	17°28	23°17	26°14	18°7	12°36	12°55	26°8	7°15	W 8
T 9	9 16 35	19°57'58	20°42	20°23	23°58	9°55	27°16	17°34	23°15	26°16	18°6	12°36	12°52	26°15	7°20	T 9
F 10	9 20 32	20°58'53	2°37	22°7	25°11	10°38	27°29	17°40	23°13	26°17	18°6	12°36	12°49	26°22	7°24	F 10
S 11	9 24 28	21°59'48	14°26	23°51	26°25	11°21	27°42	17°47	23°11	26°19	18°5	12°34	12°45	26°28	7°28	S 11
S 12	9 28 25	23°0'42	26°14	25°36	27°38	12°4	27°56	17°53	23°9	26°20	18°5	12°30	12°42	26°35	7°32	S 12
M13	9 32 21	24°1'35	8°3	27°22	28°51	12°47	28°9	17°59	23°7	26°22	18°5	12°22	12°39	26°42	7°36	M13
T 14	9 36 18	25°2'27	20°5	29°8	0°Y 4	13°30	28°22	18°5	23°5	26°23	18°4	12°12	12°36	26°48	7°40	T 14
W15	9 40 14	26°3'18	2°13	0°X55	1°17	14°13	28°35	18°11	23°3	26°24	18°4	12°0	12°33	26°55	7°44	W15
T 16	9 44 11	27°4'09	14°34	2°42	2°30	14°56	28°48	18°18	23°0	26°26	18°4	11°47	12°30	27°2	7°47	T 16
F 17	9 48 8	28°4'58	27°7	4°30	3°43	15°40	29°1	18°24	22°58	26°27	18°3	11°33	12°26	27°8	7°51	F 17
S 18	9 52 4	29°5'46	9°X53	6°18	4°55	16°23	29°14	18°29	22°56	26°28	18°3	11°20	12°23	27°15	7°54	S 18
S 19	9 56 1	0°X 6'32	22°50	8°7	6°8	17°6	29°27	18°35	22°53	26°30	18°3	11°10	12°20	27°22	7°58	S 19
M20	9 59 57	1°7'18	5°Y59	9°55	7°21	17°50	29°40	18°41	22°51	26°31	18°3	11°2	12°17	27°28	8°1	M20
T 21	10 3 54	2°8'01	19°18	11°44	8°33	18°33	29°53	18°47	22°49	26°32	18°2	10°58	12°14	27°35	8°4	T 21
W22	10 7 50	3°8'44	2°X47	13°32	9°46	19°16	0°X 6	18°53	22°46	26°33	18°2	10°56	12°10	27°42	8°7	W22
T 23	10 11 47	4°9'25	16°27	15°20	10°58	20°0	0°19	18°59	22°44	26°34	18°2	10°D55	12°7	27°48	8°10	T 23
F 24	10 15 43	5°10'04	0°II18	17°7	12°11	20°43	0°31	19°4	22°41	26°35	18°2	10°R56	12°4	27°55	8°13	F 24
S 25	10 19 40	6°10'42	14°20	18°54	13°23	21°27	0°44	19°10	22°39	26°36	18°2	10°56	12°1	28°2	8°16	S 25
S 26	10 23 37	7°11'17	28°34	20°39	14°35	22°10	0°57	19°15	22°36	26°37	18°2	10°54	11°58	28°8	8°18	S 26
M27	10 27 33	8°11'52	12°X56	22°23	15°47	22°54	1°9	19°21	22°34	26°38	18°1	10°49	11°55	28°15	8°21	M27
T 28	10 31 30	9°X12'24	27°X25	24°X 5	16°Y59	23°X37	1°X22	19°X26	22°X31	26°X39	18°II 1	10°X43	11°X51	28°X22	8°X23	T 28

Day	☉	☾	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	17s11	24n12	4n55	20s21	1s56	7s33	1s27	23s40	0s22	21s 5	0s 6	21s44	0n35	3n19	0n49	21s57	1n21	11n36	11s17	15n50	15n46	26s44	17s59	3n26	
T 2	16 54	20 11	4 59	19 58	1 59	7 3	1 26	23 39	0 23	21 2	0 6	21 43	0 35	3 20	0 49	21 57	1 21	11 36	11 16	15 46	15 46	26 45	17 59	3 26	
F 3	16 36	15 1	4 43	19 33	2 1	6 33	1 24	23 38	0 24	21 0	0 6	21 43	0 35	3 20	0 49	21 57	1 21	11 36	11 16	15 42	15 45	26 45	17 59	3 27	
S 4	16 19	9 10	4 11	19 7	2 2	6 3	1 22	23 37	0 24	20 57	0 6	21 42	0 35	3 21	0 49	21 57	1 21	11 36	11 16	15 39	15 44	26 46	17 59	3 27	
S 5	16 1	3 3	3 24	18 40	2 4	5 33	1 20	23 35	0 25	20 55	0 7	21 41	0 35	3 22	0 49	21 57	1 21	11 37	11 16	15 37	15 43	26 47	18 0	3 28	
M 6	15 43	3s 0	2 28	18 12	2 5	5 2	1 18	23 34	0 26	20 52	0 7	21 40	0 35	3 23	0 49	21 57	1 21	11 37	11 15	15 35	15 42	26 48	18 0	3 29	
T 7	15 24	8 44	1 26	17 42	2 6	4 31	1 16	23 32	0 26	20 50	0 7	21 40	0 35	3 23	0 49	21 57	1 21	11 37	11 15	15 34	15 41	26 49	18 0	3 29	
W 8	15 6	13 59	0 21	17 10	2 6	4 0	1 14	23 30	0 27	20 48	0 7	21 39	0 35	3 24	0 49	21 57	1 22	11 37	11 15	15 34	15 40	26 50	18 0	3 30	
T 9	14 47	18 33	0s43	16 38	2 6	3 30	1 12	23 27	0 28	20 45	0 7	21 38	0 35	3 25	0 49	21 57	1 22	11 38	11 15	15 34	15 39	26 51	18 0	3 30	
F 10	14 27	22 19	1 44	16 4	2 5	2 59	1 10	23 25	0 29	20 43	0 7	21 37	0 35	3 26	0 49	21 57	1 22	11 38	11 14	15 34	15 38	26 51	18 0	3 31	
S 11	14 8	25 6	2 40	15 28	2 4	2 27	1 8	23 22	0 29	20 40	0 7	21 37	0 35	3 27	0 49	21 57	1 22	11 38	11 14	15 33	15 37	26 52	18 0	3 32	
S 12	13 48	26 47	3 29	14 52	2 3	1 56	1 5	23 19	0 30	20 37	0 7	21 36	0 35	3 28	0 49	21 57	1 22	11 38	11 14	15 32	15 36	26 53	18 0	3 32	
M13	13 28	27 15	4 9	14 14	2 0	1 25	1 3	23 16	0 31	20 35	0 7	21 35	0 35	3 28	0 49	21 57	1 22	11 38	11 14	15 30	15 35	26 54	18 0	3 33	
T 14	13 8	26 27	4 39	13 35	1 58	0 54	1 0	23 12	0 32	20 32	0 7	21 34	0 35	3 29	0 49	21 57	1 22	11 39	11 13	15 27	15 34	26 55	18 0	3 33	
W15	12 47	24 24	4 56	12 54	1 55	0 22	0 58	23 8	0 32	20 30	0 8	21 33	0 35	3 30	0 49	21 57	1 22	11 39	11 13	15 23	15 33	26 55	18 0	3 34	
T 16	12 27	21 11	5 0	12 12	1 51	0n 9	0 55	23 4	0 33	20 27	0 8	21 33	0 35	3 31	0 49	21 57	1 22	11 39	11 13	15 19	15 32	26 56	18 0	3 35	
F 17	12 6	16 58	4 50	11 29	1 47	0 40	0 52	23 0	0 34	20 25	0 8	21 32	0 34	3 32	0 49	21 57	1 22	11 39	11 13	15 15	15 31	26 57	18 0	3 35	
S 18	11 45	11 55	4 25	10 45	1 42	1 12	0 50	22 56	0 35	20 22	0 8	21 31	0 34	3 33	0 49	21 57	1 22	11 40	11 12	15 11	15 30	26 58	18 0	3 36	
S 19	11 24	6 17	3 46	10 0	1 37	1 43	0 47	22 51	0 35	20 20	0 8	21 30	0 34	3 34	0 49	21 57	1 22	11 40	11 12	15 8	15 29	26 59	18 0	3 36	
M20	11 2	0 18	2 54	9 14	1 31	2 14	0 44	22 46	0 36	20 17	0 8	21 30	0 34	3 35	0 49	21 57	1 22	11 40	11 12	15 5	15 28	26 59	18 0	3 37	
T 21	10 41	5n48	1 52	8 27	1 24	2 45	0 41	22 41	0 37	20 14	0 8	21 29	0 34	3 36	0 49	21 57	1 22	11 40	11 12	15 4	15 27	27 0	18 0	3 38	
W22	10 19	11 43	0 43	7 38	1 17	3 17	0 38	22 36	0 38	20 12	0 8	21 28	0 34	3 37	0 49	21 57	1 22	11 41	11 11	15 3	15 26	27 1	18 0	3 38	
T 23	9 57	17 10	0n29	6 50	1 9	3 48	0 35	22 31	0 38	20 9	0 8	21 27	0 34	3 38	0 49	21 57	1 22	11 41	11 11	15 3	15 25	27 2	17 59	3 39	
F 24	9 35	21 48	1 41	6 0	1 1	4 19	0 31	22 25	0 39	20 7	0 8	21 27	0 34	3 39	0 49	21 57	1 22	11 41	11 11	15 3	15 24	27 2	17 59	3 40	
S 25	9 13	25 13	2 48	5 10	0 51	4 50	0 28	22 19	0 40	20 4	0 9	21 26	0 34	3 40	0 49	21 57	1 22	11 41	11 10	15 3	15 23	27 3	17 59	3 40	
S 26	8 51	27 6	3 45	4 20	0 42	5 21	0 25	22 13	0 41	20 1	0 9	21 25	0 34	3 41	0 49	21 57	1 22	11 42	11 10	15 3	15 22	27 4	17 59	3 41	
M27	8 28	27 12	4 29	3 29	0 31	5 51	0 22	22 6	0 42	19 59	0 9	21 24	0 34	3 42	0 49	21 57	1 22	11 42	11 10	15 1	15 21	27 4	17 58	3 42	
T 28	8s 5	25n26	4n56	2s39	0s20	6n22	0s18	22s 0	0s42	19s56	0s 9	21s24	0n34	3n43	0n49	21s57	1n22	11n42	11s10	14n59	15n20	27s 5	17s58	3n42	

Julian Day Number = 2684235.5, Delta T = 22m41s  
 Ecliptic obliquity = 23°21'30, Nutation = - 0°00'10  
 Ayanamsha: Fagan/Bradley = 33°39'06, Lahiri = 32°46'06



## ASTRODIENST EPHEMERIS for the year 2637

APRIL 2637

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 37 39	11°15'12	2°56	27°R16	24°21	17°6	7°17	21°41	21°R 9	26°R54	18°II11	8°R46	10°810	1°356	8°R43	S 1
S 2	12 41 36	12°14'45	16°10	26°44	25°29	17°50	7°27	21°44	21°R 6	26°53	18°11	8°43	10° 7	2° 3	8°42	S 2
M 3	12 45 32	13°14'16	29° 6	26°18	26°36	18°34	7°36	21°47	21° 4	26°53	18°12	8°41	10° 3	2° 9	8°40	M 3
T 4	12 49 29	14°13'45	11°45	25°58	27°44	19°19	7°45	21°50	21° 2	26°53	18°13	8°D41	10° 0	2°16	8°39	T 4
W 5	12 53 26	15°13'13	24° 8	25°44	28°51	20° 3	7°54	21°52	20°59	26°53	18°13	8°42	9°57	2°23	8°37	W 5
T 6	12 57 22	16°12'38	6°17	25°36	29°58	20°48	8° 3	21°55	20°57	26°53	18°14	8°43	9°54	2°29	8°36	T 6
F 7	13 1 19	17°12'02	18°17	25°D34	1°II 4	21°32	8°12	21°57	20°55	26°52	18°15	8°45	9°51	2°36	8°34	F 7
S 8	13 5 15	18°11'24	0°310	25°37	2°11	22°17	8°21	22° 0	20°53	26°52	18°15	8°46	9°48	2°43	8°32	S 8
S 9	13 9 12	19°10'44	12° 1	25°46	3°17	23° 1	8°30	22° 2	20°50	26°52	18°16	8°47	9°44	2°49	8°31	S 9
M10	13 13 8	20°10'03	23°56	26° 1	4°23	23°46	8°38	22° 4	20°48	26°51	18°17	8°R47	9°41	2°56	8°29	M10
T 11	13 17 5	21° 9'20	5°58	26°20	5°28	24°30	8°47	22° 6	20°46	26°51	18°18	8°47	9°38	3° 3	8°27	T 11
W12	13 21 1	22° 8'35	18°13	26°44	6°34	25°15	8°55	22° 8	20°44	26°51	18°19	8°45	9°35	3°10	8°24	W12
T 13	13 24 58	23° 7'48	0°44	27°13	7°39	26° 0	9° 3	22°10	20°42	26°50	18°19	8°43	9°32	3°16	8°22	T 13
F 14	13 28 55	24° 6'59	13°35	27°46	8°44	26°44	9°11	22°12	20°40	26°50	18°20	8°41	9°28	3°23	8°20	F 14
S 15	13 32 51	25° 6'08	26°46	28°23	9°49	27°29	9°19	22°13	20°38	26°49	18°21	8°39	9°25	3°30	8°17	S 15
S 16	13 36 48	26° 5'16	10°19	29° 5	10°54	28°13	9°26	22°15	20°36	26°48	18°22	8°38	9°22	3°36	8°15	S 16
M17	13 40 44	27° 4'22	24°11	29°49	11°58	28°58	9°34	22°16	20°34	26°48	18°23	8°37	9°19	3°43	8°12	M17
T 18	13 44 41	28° 3'25	8°20	0°38	13° 2	29°43	9°41	22°18	20°32	26°47	18°24	8°D36	9°16	3°50	8°10	T 18
W19	13 48 37	29° 2'27	22°42	1°29	14° 6	0°47	9°49	22°19	20°30	26°47	18°25	8°37	9°13	3°56	8° 7	W19
T 20	13 52 34	0°8 1'27	7°II10	2°24	15° 9	1°12	9°56	22°20	20°28	26°46	18°26	8°37	9° 9	4° 3	8° 4	T 20
F 21	13 56 30	1° 0'24	21°40	3°21	16°12	1°57	10° 3	22°21	20°26	26°45	18°27	8°38	9° 6	4°10	8° 1	F 21
S 22	14 0 27	1°59'20	6°8 8	4°22	17°15	2°41	10°10	22°22	20°24	26°44	18°28	8°38	9° 3	4°16	7°58	S 22
S 23	14 4 24	2°58'13	20°28	5°25	18°17	3°26	10°16	22°23	20°23	26°44	18°29	8°39	9° 0	4°23	7°55	S 23
M24	14 8 20	3°57'03	4°28	6°31	19°20	4°11	10°23	22°24	20°21	26°43	18°30	8°R39	8°57	4°30	7°52	M24
T 25	14 12 17	4°55'52	18°36	7°39	20°21	4°55	10°29	22°25	20°19	26°42	18°31	8°39	8°53	4°37	7°48	T 25
W26	14 16 13	5°54'38	2°19	8°50	21°23	5°40	10°35	22°25	20°18	26°41	18°32	8°39	8°50	4°43	7°45	W26
T 27	14 20 10	6°53'22	15°52	10° 3	22°24	6°25	10°41	22°26	20°16	26°40	18°33	8°38	8°47	4°50	7°42	T 27
F 28	14 24 6	7°52'03	29° 9	11°18	23°25	7°10	10°47	22°26	20°15	26°39	18°34	8°38	8°44	4°57	7°38	F 28
S 29	14 28 3	8°50'43	12°13	12°35	24°25	7°54	10°53	22°26	20°13	26°39	18°35	8°D38	8°41	5° 3	7°35	S 29
S 30	14 31 59	9°49'20	25°3	13°54	25°II25	8°439	10°559	22°27	20°12	26°38	18°II36	8°38	8°38	5°310	7°31	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	4n26	1n39	3n 3	0n40	1n54	20n30	1n45	16s44	1s 8	18s36	0s13	21s 4	0n33	4n15	0n49	21s56	1n23	11n51	11s 1	14n22	14n49	27s23	17s40	4n 4			
S 2	4 49	4s29	2 0	0 13	1 39	20 50	1 49	16 31	1 8	18 33	0 13	21 4	0 33	4 16	0 49	21 56	1 24	11 52	11 1	14 21	14 48	27 24	17 39	4 4			
M 3	5 13	10 18	0 52	0s12	1 23	21 10	1 53	16 18	1 9	18 31	0 13	21 3	0 33	4 17	0 49	21 56	1 24	11 52	11 0	14 21	14 47	27 24	17 38	4 4			
T 4	5 36	15 35	0s17	0 34	1 7	21 29	1 57	16 5	1 10	18 29	0 13	21 3	0 33	4 18	0 49	21 56	1 24	11 52	11 0	14 21	14 46	27 25	17 38	4 6			
W 5	5 58	20 6	1 24	0 54	0 52	21 48	2 1	15 52	1 11	18 27	0 13	21 3	0 33	4 19	0 49	21 56	1 24	11 53	11 0	14 21	14 45	27 25	17 37	4 6			
T 6	6 21	23 41	2 26	1 11	0 37	22 6	2 5	15 39	1 12	18 25	0 14	21 2	0 33	4 20	0 49	21 56	1 24	11 53	11 0	14 22	14 44	27 26	17 36	4 7			
F 7	6 44	26 11	3 21	1 25	0 22	22 24	2 8	15 25	1 12	18 22	0 14	21 2	0 33	4 21	0 49	21 56	1 24	11 53	11 0	14 22	14 43	27 26	17 35	4 8			
S 8	7 7	27 28	4 7	1 37	0 7	22 41	2 12	15 11	1 13	18 20	0 14	21 1	0 33	4 21	0 49	21 56	1 24	11 54	10 59	14 23	14 42	27 26	17 34	4 8			
S 9	7 29	27 30	4 42	1 47	0s 7	22 58	2 16	14 58	1 14	18 18	0 14	21 1	0 33	4 22	0 49	21 55	1 24	11 54	10 59	14 23	14 41	27 27	17 33	4 9			
M10	7 51	26 15	5 5	1 53	0 20	23 14	2 20	14 44	1 15	18 16	0 14	21 1	0 33	4 23	0 49	21 55	1 24	11 54	10 59	14 23	14 40	27 27	17 32	4 9			
T 11	8 14	23 48	5 15	1 58	0 33	23 30	2 23	14 30	1 15	18 14	0 14	21 0	0 33	4 24	0 49	21 55	1 24	11 54	10 59	14 23	14 39	27 27	17 31	4 10			
W12	8 36	20 15	5 11	2 0	0 46	23 45	2 27	14 16	1 16	18 12	0 14	21 0	0 33	4 25	0 49	21 55	1 24	11 55	10 58	14 22	14 38	27 28	17 30	4 11			
T 13	8 58	15 44	4 53	1 59	0 58	23 59	2 30	14 1	1 17	18 10	0 15	21 0	0 33	4 26	0 49	21 55	1 24	11 55	10 58	14 22	14 37	27 28	17 29	4 11			
F 14	9 19	10 25	4 19	1 56	1 9	24 13	2 34	13 47	1 18	18 8	0 15	21 0	0 33	4 26	0 49	21 55	1 24	11 55	10 58	14 21	14 36	27 29	17 28	4 12			
S 15	9 41	4 31	3 31	1 51	1 19	24 26	2 37	13 32	1 19	18 6	0 15	20 59	0 33	4 27	0 49	21 55	1 24	11 56	10 58	14 20	14 35	27 29	17 27	4 12			
S 16	10 2	1n46	2 30	1 44	1 29	24 39	2 41	13 18	1 19	18 4	0 15	20 59	0 33	4 28	0 49	21 55	1 24	11 56	10 57	14 20	14 34	27 29	17 27	4 13			
M17	10 24	8 7	1 19	1 35	1 39	24 51	2 44	13 3	1 20	18 2	0 15	20 59	0 33	4 29	0 49	21 55	1 24	11 56	10 57	14 19	14 33	27 30	17 26	4 14			
T 18	10 45	14 13	0 1	1 24	1 48	25 3	2 47	12 48	1 21	18 1	0 15	20 59	0 33	4 29	0 49	21 55	1 24	11 57	10 57	14 19	14 32	27 30	17 25	4 14			
W19	11 6	19 38	1n17	1 11	1 56	25 14	2 50	12 33	1 22	17 59	0 15	20 59	0 33	4 30	0 49	21 55	1 24	11 57	10 57	14 19	14 31	27 30	17 24	4 15			
T 20	11 27	23 56	2 32	0 56	2 3	25 24	2 53	12 18	1 22	17 57	0 16	20 58	0 33	4 31	0 49	21 55	1 24	11 57	10 57	14 20	14 30	27 30	17 23	4 15			
F 21	11 47	26 42	3 37	0 40	2 10	25 34	2 56	12 2	1 23	17 55	0 16	20 58	0 33	4 31	0 49	21 55	1 24	11 57	10 56	14 20	14 29	27 31	17 21	4 16			
S 22	12 7	27 40	4 27	0 21	2 16	25 43	2 59	11 47	1 24	17 54	0 16	20 58	0 33	4 32	0 49	21 55	1 24	11 58	10 56	14 20	14 28	27 31	17 20	4 17			
S 23	12 28	26 46	5 1	0 2	2 22	25 52	3 2	11 32	1 25	17 52	0 16	20 58	0 33	4 33	0 49	21 55	1 24	11 58	10 56	14 20	14 27	27 31	17 19	4 17			
M24	12 48	24 9	5 16	0n19	2 27	26 0	3 5	11 16	1 25	17 50	0 16	20 58	0 33	4 33	0 49	21 55	1 24	11 58	10 56	14 20	14 26	27 32	17 18	4 18			
T 25	13 7	20 9	5 12	0 42	2 32	26 8	3 8	11 1	1 26	17 49	0 16	20 58	0 33	4 34	0 49	21 55	1 24	11 59	10 56	14 20	14 25	27 32	17 17	4 18			
W26	13 27	15 7	4 50	1 6	2 35	26 14	3 10	10 45	1 27	17 47	0 16	20 58	0 33	4 35	0 48	21 55	1 24	11 59	10 55	14 20	14 24	27 32	17 16	4 19			
T 27	13 46	9 26	4 13	1 32	2 39	26 21	3 13	10 29	1 28	17 46	0 17	20 58	0 33	4 35	0 48	21 55	1 24	11 59	10 55	14 20	14 23	27 32	17 15	4 19			
F 28	14 5	3 26	3 22	1 58	2 41	26 26	3 15	10 13	1 28	17 44	0 17	20 58	0 33	4 36	0 48	21 55	1 24	11 59	10 55	14 20	14 22	27 33	17 14	4 20			
S 29	14 24	2s38	2 21	2 26	2 44	26 32	3 17	9 57	1 29	17 43	0 17	20 58	0 33	4 36	0 48	21 54	1 25	12 0	10 55	14 20	14 21	27 33	17 13	4 20			
S 30	14n43	8s30	1n15	2n56	2s45	26n36	3n19	9s41	1s30	17s42	0s17	20s58	0n33	4n37	0n48	21s54	1n25	12n 0	10s55	14n20	14n20	27s33	17s12	4n21			

## ASTRODIENST EPHEMERIS for the year 2637

MAY 2637

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 35 56	10°47'56	7°40	15°16	26°12	9°24	11°4	22°27	20°R10	26°R37	18°13	8°R38	8°34	5°17	7°R28	M 1
T 2	14 39 53	11°46'29	20° 5	16°39	27°24	10° 8	11° 9	22°R27	20°R9	26°R36	18°38	8°R38	8°31	5°23	7°R24	T 2
W 3	14 43 49	12°45'01	2°18	18° 4	28°22	10°53	11°14	22°27	20° 8	26°R35	18°39	8°R38	8°28	5°30	7°20	W 3
T 4	14 47 46	13°43'31	14°23	19°32	29°20	11°38	11°19	22°26	20° 6	26°R34	18°41	8°R37	8°25	5°37	7°16	T 4
F 5	14 51 42	14°42'00	26°20	21° 1	0°18	12°22	11°24	22°26	20° 5	26°R32	18°42	8°R37	8°22	5°44	7°12	F 5
S 6	14 55 39	15°40'26	8°13	22°32	1°16	13° 7	11°29	22°26	20° 4	26°R31	18°43	8°R36	8°19	5°50	7° 8	S 6
S 7	14 59 35	16°38'51	20° 4	24° 4	2°12	13°52	11°33	22°25	20° 3	26°R30	18°44	8°R35	8°15	5°57	7° 4	S 7
M 8	15 3 32	17°37'15	1°59	25°39	3° 9	14°37	11°37	22°25	20° 2	26°R29	18°45	8°R34	8°12	6° 4	7° 0	M 8
T 9	15 7 28	18°35'37	14° 0	27°16	4° 4	15°21	11°42	22°24	20° 1	26°R28	18°46	8°R34	8° 9	6°10	6°56	T 9
W10	15 11 25	19°33'57	26°13	28°54	5° 0	16° 6	11°45	22°23	20° 0	26°R27	18°48	8°R34	8° 6	6°17	6°52	W10
T 11	15 15 22	20°32'16	8°42	0°34	5°54	16°51	11°49	22°22	19°59	26°R25	18°49	8°R34	8° 3	6°24	6°48	T 11
F 12	15 19 18	21°30'33	21°31	2°16	6°48	17°35	11°53	22°21	19°58	26°R24	18°50	8°R35	7°59	6°30	6°44	F 12
S 13	15 23 15	22°28'49	4°43	4° 0	7°42	18°20	11°56	22°20	19°57	26°R23	18°51	8°R36	7°56	6°37	6°40	S 13
S 14	15 27 11	23°27'03	18°20	5°45	8°35	19° 5	11°59	22°19	19°57	26°R22	18°53	8°R37	7°53	6°44	6°35	S 14
M15	15 31 8	24°25'16	2°22	7°33	9°27	19°49	12° 2	22°18	19°56	26°R20	18°54	8°R38	7°50	6°51	6°31	M15
T 16	15 35 4	25°23'27	16°47	9°22	10°19	20°34	12° 5	22°17	19°55	26°R19	18°55	8°R38	7°47	6°57	6°27	T 16
W17	15 39 1	26°21'37	1°12	11°13	11°10	21°19	12° 8	22°15	19°55	26°R18	18°56	8°R37	7°44	7° 4	6°22	W17
T 18	15 42 57	27°19'45	16°23	13° 6	12° 0	22° 3	12°10	22°14	19°54	26°R16	18°58	8°R35	7°40	7°11	6°18	T 18
F 19	15 46 54	28°17'51	1°19	15° 1	12°49	22°48	12°13	22°12	19°54	26°R15	18°59	8°R33	7°37	7°17	6°14	F 19
S 20	15 50 51	29°15'56	16°10	16°57	13°38	23°32	12°15	22°10	19°53	26°R14	19° 0	8°R30	7°34	7°24	6° 9	S 20
S 21	15 54 47	0°13'59	0°49	18°56	14°26	24°17	12°17	22° 8	19°53	26°R12	19° 2	8°R28	7°31	7°31	6° 5	S 21
M22	15 58 44	1°12'00	15°10	20°56	15°13	25° 1	12°18	22° 7	19°53	26°R11	19° 3	8°R26	7°28	7°38	6° 0	M22
T 23	16 2 40	2° 9'58	29°10	22°58	15°59	25°46	12°20	22° 5	19°52	26°R9	19° 4	8°R25	7°25	7°44	5°56	T 23
W24	16 6 37	3° 7'55	12°49	25° 1	16°45	26°30	12°21	22° 2	19°52	26°R8	19° 6	8°R26	7°21	7°51	5°52	W24
T 25	16 10 33	4° 5'51	26° 8	27° 6	17°29	27°15	12°22	22° 0	19°52	26°R7	19° 7	8°R27	7°18	7°58	5°47	T 25
F 26	16 14 30	5° 3'44	9°18	29°13	18°12	27°59	12°23	21°58	19°52	26°R5	19° 8	8°R28	7°15	8° 4	5°43	F 26
S 27	16 18 26	6° 1'36	21°53	1°12	18°55	28°44	12°24	21°56	19°52	26°R4	19° 9	8°R30	7°12	8°11	5°38	S 27
S 28	16 22 23	6°59'26	4°14	3°30	19°36	29°28	12°25	21°53	19°D52	26°R2	19°11	8°R31	7° 9	8°18	5°34	S 28
M29	16 26 20	7°57'14	16°43	5°40	20°16	0°12	12°25	21°51	19°52	26°R1	19°12	8°R31	7° 5	8°24	5°29	M29
T 30	16 30 16	8°55'01	28°54	7°51	20°56	0°57	12°25	21°48	19°52	25°R59	19°14	8°R29	7° 2	8°31	5°25	T 30
W31	16 34 13	9°12'47	10°57	10°12	21°33	1°41	12°R25	21°46	19°D52	25°R57	19°15	8°R26	6°59	8°38	5°20	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	15n 1	13s56	0n 5	3n26	2s46	26n40	3n21	9s25	1s31	17s40	0s17	20s58	0n33	4n37	0n48	M 1
T 2	15 19	18 43	1 s 3	3 57	2 47	26 43	3 23	9 9	1 31	17 39	0 17	20 58	0 33	4 38	0 48	T 2
W 3	15 37	22 38	2 8	4 30	2 47	26 46	3 25	8 53	1 32	17 38	0 18	20 58	0 33	4 38	0 48	W 3
T 4	15 54	25 31	3 5	5 3	2 46	26 48	3 27	8 36	1 33	17 37	0 18	20 58	0 33	4 39	0 48	T 4
F 5	16 12	27 13	3 55	5 37	2 45	26 50	3 29	8 20	1 33	17 35	0 18	20 58	0 33	4 39	0 48	F 5
S 6	16 29	27 39	4 33	6 13	2 43	26 51	3 30	8 4	1 34	17 34	0 18	20 58	0 33	4 40	0 48	S 6
S 7	16 45	26 49	5 0	6 49	2 41	26 52	3 31	7 47	1 35	17 33	0 18	20 58	0 32	4 40	0 48	S 7
M 8	17 2	24 45	5 14	7 26	2 38	26 52	3 32	7 30	1 35	17 32	0 18	20 58	0 32	4 40	0 48	M 8
T 9	17 18	21 36	5 15	8 3	2 35	26 51	3 33	7 14	1 36	17 31	0 19	20 58	0 32	4 41	0 48	T 9
W10	17 34	17 28	5 2	8 42	2 31	26 50	3 34	6 57	1 37	17 30	0 19	20 58	0 32	4 41	0 48	W10
T 11	17 49	12 31	4 34	9 21	2 27	26 49	3 35	6 40	1 37	17 29	0 19	20 59	0 32	4 41	0 48	T 11
F 12	18 5	6 55	3 52	10 0	2 22	26 46	3 36	6 24	1 38	17 29	0 19	20 59	0 32	4 42	0 48	F 12
S 13	18 20	0 50	2 57	10 40	2 16	26 44	3 36	6 7	1 39	17 28	0 19	20 59	0 32	4 42	0 48	S 13
S 14	18 34	5n28	1 50	11 21	2 10	26 41	3 36	5 50	1 39	17 27	0 20	20 59	0 32	4 42	0 48	S 14
M15	18 49	11 43	0 35	12 1	2 4	26 37	3 36	5 33	1 40	17 26	0 20	20 59	0 32	4 42	0 48	M15
T 16	19 3	17 31	0n45	12 43	1 57	26 33	3 36	5 16	1 41	17 26	0 20	21 0	0 32	4 43	0 48	T 16
W17	19 16	22 24	2 3	13 24	1 50	26 29	3 36	4 59	1 41	17 25	0 20	21 0	0 32	4 43	0 48	W17
T 18	19 30	25 52	3 13	14 6	1 42	26 24	3 36	4 42	1 42	17 25	0 20	21 0	0 32	4 43	0 48	T 18
F 19	19 43	27 32	4 11	14 47	1 34	26 19	3 35	4 25	1 43	17 24	0 20	21 0	0 32	4 43	0 48	F 19
S 20	19 56	27 12	4 51	15 29	1 25	26 13	3 34	4 8	1 43	17 24	0 21	21 1	0 32	4 43	0 48	S 20
S 21	20 8	24 59	5 12	16 10	1 17	26 7	3 33	3 51	1 44	17 24	0 21	21 1	0 32	4 43	0 48	S 21
M22	20 20	21 12	5 12	16 51	1 7	26 0	3 32	3 34	1 44	17 23	0 21	21 1	0 32	4 43	0 47	M22
T 23	20 31	16 19	4 54	17 31	0 58	25 53	3 30	3 17	1 45	17 23	0 21	21 2	0 32	4 44	0 47	T 23
W24	20 43	10 44	4 20	18 11	0 48	25 46	3 29	3 0	1 46	17 23	0 21	21 2	0 32	4 44	0 47	W24
T 25	20 54	4 47	3 32	18 50	0 38	25 38	3 27	2 43	1 46	17 23	0 22	21 3	0 32	4 44	0 47	T 25
F 26	21 4	1s15	2 34	19 28	0 27	25 30	3 25	2 26	1 47	17 23	0 22	21 3	0 32	4 44	0 47	F 26
S 27	21 14	7 6	1 30	20 5	0 17	25 22	3 22	2 9	1 47	17 23	0 22	21 3	0 32	4 44	0 47	S 27
S 28	21 24	12 35	0 23	20 41	0 6	25 14	3 20	1 52	1 48	17 23	0 22	21 4	0 32	4 44	0 47	S 28
M29	21 34	17 30	0s45	21 15	0n 4	25 5	3 17	1 34	1 48	17 23	0 22	21 4	0 32	4 43	0 47	M29
T 30	21 43	21 37	1 49	21 47	0 15	24 56	3 14	1 17	1 49	17 23	0 22	21 5	0 32	4 43	0 47	T 30
W31	21n51	24s47	2s48	22n18	0n25	24n46	3n10	1s 0	1s49	17s23	0s23	21s 5	0n32	4n43	0n47	W31

Julian Day Number = 2684324.5, Delta T = 22m42s

Ecliptic obliquity = 23°21'31", Nutation = - 0°00'12"

Ayanamsha: Fagan/Bradley = 33°39'19", Lahiri = 32°46'19"

# ASTRODIENST EPHEMERIS for the year 2637

JUNE 2637

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 38 9	10 <sup>11</sup> 50'32	22 <sup>27</sup> 55	12 <sup>11</sup> 14	22 <sup>28</sup> 10	2 <sup>17</sup> 25	12 <sup>20</sup> R25	21 <sup>10</sup> R43	19 <sup>17</sup> 52	25 <sup>15</sup> R56	19 <sup>11</sup> 16	8 <sup>10</sup> R21	6 <sup>18</sup> 56	8 <sup>13</sup> 45	5 <sup>10</sup> R16	T 1
F 2	16 42 6	11 <sup>10</sup> 48'15	4 <sup>13</sup> 49	14 <sup>10</sup> 26	22 <sup>24</sup> 46	3 <sup>10</sup> 10	12 <sup>22</sup> 25	21 <sup>13</sup> 40	19 <sup>15</sup> 53	25 <sup>17</sup> 54	19 <sup>18</sup> 18	8 <sup>16</sup> 16	6 <sup>15</sup> 53	8 <sup>15</sup> 51	5 <sup>12</sup> 12	F 2
S 3	16 46 2	12 <sup>10</sup> 45'57	16 <sup>10</sup> 41	16 <sup>10</sup> 37	23 <sup>20</sup> 50	3 <sup>15</sup> 54	12 <sup>24</sup>	21 <sup>13</sup> 37	19 <sup>15</sup> 53	25 <sup>15</sup> 53	19 <sup>19</sup>	8 <sup>10</sup> 9	6 <sup>15</sup> 50	8 <sup>15</sup> 58	5 <sup>10</sup> 7	S 3
S 4	16 49 59	13 <sup>10</sup> 43'38	28 <sup>10</sup> 33	18 <sup>10</sup> 48	23 <sup>15</sup> 53	4 <sup>10</sup> 38	12 <sup>23</sup>	21 <sup>13</sup> 34	19 <sup>15</sup> 53	25 <sup>15</sup> 51	19 <sup>20</sup>	8 <sup>10</sup> 3	6 <sup>14</sup> 46	9 <sup>10</sup> 5	5 <sup>10</sup> 3	S 4
M 5	16 53 55	14 <sup>10</sup> 41'17	10 <sup>10</sup> 28	20 <sup>10</sup> 58	24 <sup>10</sup> 24	5 <sup>10</sup> 22	12 <sup>23</sup>	21 <sup>13</sup> 31	19 <sup>15</sup> 54	25 <sup>15</sup> 50	19 <sup>22</sup>	7 <sup>10</sup> 58	6 <sup>14</sup> 43	9 <sup>10</sup> 11	4 <sup>10</sup> 58	M 5
T 6	16 57 52	15 <sup>10</sup> 38'56	22 <sup>10</sup> 29	23 <sup>10</sup> 7	24 <sup>10</sup> 54	6 <sup>10</sup> 6	12 <sup>21</sup>	21 <sup>12</sup> 28	19 <sup>15</sup> 54	25 <sup>14</sup> 48	19 <sup>23</sup>	7 <sup>10</sup> 54	6 <sup>14</sup> 40	9 <sup>10</sup> 18	4 <sup>10</sup> 54	T 6
W 7	17 1 49	16 <sup>10</sup> 36'34	4 <sup>10</sup> 41	25 <sup>10</sup> 15	25 <sup>10</sup> 23	6 <sup>10</sup> 50	12 <sup>20</sup>	21 <sup>12</sup> 25	19 <sup>15</sup> 55	25 <sup>14</sup> 47	19 <sup>24</sup>	7 <sup>10</sup> 52	6 <sup>13</sup> 37	9 <sup>10</sup> 25	4 <sup>10</sup> 50	W 7
T 8	17 5 45	17 <sup>10</sup> 34'10	17 <sup>10</sup> 7	27 <sup>10</sup> 21	25 <sup>10</sup> 50	7 <sup>10</sup> 35	12 <sup>19</sup>	21 <sup>12</sup> 22	19 <sup>15</sup> 55	25 <sup>14</sup> 45	19 <sup>26</sup>	7 <sup>10</sup> D51	6 <sup>13</sup> 34	9 <sup>10</sup> 32	4 <sup>10</sup> 46	T 8
F 9	17 9 42	18 <sup>10</sup> 31'46	29 <sup>10</sup> 51	29 <sup>10</sup> 26	26 <sup>10</sup> 15	8 <sup>10</sup> 19	12 <sup>17</sup>	21 <sup>11</sup> 19	19 <sup>15</sup> 56	25 <sup>14</sup> 43	19 <sup>27</sup>	7 <sup>10</sup> 51	6 <sup>13</sup> 31	9 <sup>10</sup> 38	4 <sup>10</sup> 41	F 9
S 10	17 13 38	19 <sup>10</sup> 29'21	12 <sup>10</sup> 58	19 <sup>10</sup> 28	26 <sup>10</sup> 38	9 <sup>10</sup> 3	12 <sup>15</sup>	21 <sup>11</sup> 15	19 <sup>15</sup> 57	25 <sup>14</sup> 42	19 <sup>29</sup>	7 <sup>10</sup> 53	6 <sup>12</sup> 27	9 <sup>10</sup> 45	4 <sup>10</sup> 37	S 10
S 11	17 17 35	20 <sup>10</sup> 26'55	26 <sup>10</sup> 31	3 <sup>10</sup> 29	27 <sup>10</sup> 0	9 <sup>10</sup> 46	12 <sup>13</sup>	21 <sup>11</sup> 12	19 <sup>15</sup> 57	25 <sup>14</sup> 40	19 <sup>30</sup>	7 <sup>10</sup> 54	6 <sup>12</sup> 24	9 <sup>10</sup> 52	4 <sup>10</sup> 33	S 11
M12	17 21 31	21 <sup>10</sup> 24'29	10 <sup>10</sup> 31	5 <sup>10</sup> 27	27 <sup>10</sup> 20	10 <sup>10</sup> 30	12 <sup>11</sup>	21 <sup>10</sup> 8	19 <sup>15</sup> 58	25 <sup>13</sup> 38	19 <sup>31</sup>	7 <sup>10</sup> R54	6 <sup>12</sup> 21	9 <sup>10</sup> 58	4 <sup>10</sup> 29	M12
T 13	17 25 28	22 <sup>10</sup> 22'01	24 <sup>10</sup> 58	7 <sup>10</sup> 23	27 <sup>10</sup> 39	11 <sup>10</sup> 14	12 <sup>10</sup> 8	21 <sup>10</sup> 5	19 <sup>15</sup> 59	25 <sup>13</sup> 37	19 <sup>33</sup>	7 <sup>10</sup> 53	6 <sup>11</sup> 18	10 <sup>10</sup> 5	4 <sup>10</sup> 25	T 13
W14	17 29 25	23 <sup>10</sup> 19'33	9 <sup>10</sup> 49	9 <sup>10</sup> 16	27 <sup>10</sup> 55	11 <sup>10</sup> 58	12 <sup>10</sup> 6	21 <sup>10</sup> 1	20 <sup>10</sup> 0	25 <sup>13</sup> 35	19 <sup>34</sup>	7 <sup>10</sup> 50	6 <sup>11</sup> 15	10 <sup>10</sup> 12	4 <sup>10</sup> 21	W14
T 15	17 33 21	24 <sup>10</sup> 17'04	24 <sup>10</sup> 56	11 <sup>10</sup> 7	28 <sup>10</sup> 9	12 <sup>10</sup> 42	12 <sup>10</sup> 3	20 <sup>10</sup> 58	20 <sup>10</sup> 1	25 <sup>13</sup> 34	19 <sup>35</sup>	7 <sup>10</sup> 45	6 <sup>11</sup> 11	10 <sup>10</sup> 18	4 <sup>10</sup> 17	T 15
F 16	17 37 18	25 <sup>10</sup> 14'35	10 <sup>10</sup> 51	12 <sup>10</sup> 56	28 <sup>10</sup> 22	13 <sup>10</sup> 25	12 <sup>10</sup> 0	20 <sup>10</sup> 54	20 <sup>10</sup> 2	25 <sup>13</sup> 32	19 <sup>37</sup>	7 <sup>10</sup> 38	6 <sup>10</sup> 8	10 <sup>10</sup> 25	4 <sup>10</sup> 13	F 16
S 17	17 41 14	26 <sup>10</sup> 12'04	25 <sup>10</sup> 20	14 <sup>10</sup> 41	28 <sup>10</sup> 32	14 <sup>10</sup> 9	11 <sup>10</sup> 57	20 <sup>10</sup> 50	20 <sup>10</sup> 3	25 <sup>13</sup> 30	19 <sup>38</sup>	7 <sup>10</sup> 31	6 <sup>10</sup> 5	10 <sup>10</sup> 32	4 <sup>10</sup> 9	S 17
S 18	17 45 11	27 <sup>10</sup> 9'32	10 <sup>10</sup> 51	16 <sup>10</sup> 25	28 <sup>10</sup> 40	14 <sup>10</sup> 53	11 <sup>10</sup> 53	20 <sup>10</sup> 46	20 <sup>10</sup> 4	25 <sup>12</sup> 29	19 <sup>39</sup>	7 <sup>10</sup> 24	6 <sup>10</sup> 2	10 <sup>10</sup> 39	4 <sup>10</sup> 5	S 18
M19	17 49 7	28 <sup>10</sup> 6'58	24 <sup>10</sup> 53	18 <sup>10</sup> 5	28 <sup>10</sup> 46	15 <sup>10</sup> 36	11 <sup>10</sup> 50	20 <sup>10</sup> 42	20 <sup>10</sup> 5	25 <sup>12</sup> 27	19 <sup>41</sup>	7 <sup>10</sup> 19	5 <sup>10</sup> 59	10 <sup>10</sup> 45	4 <sup>10</sup> 1	M19
T 20	17 53 4	29 <sup>10</sup> 4'24	9 <sup>10</sup> 49	19 <sup>10</sup> 43	28 <sup>10</sup> 50	16 <sup>10</sup> 20	11 <sup>10</sup> 46	20 <sup>10</sup> 38	20 <sup>10</sup> 6	25 <sup>12</sup> 26	19 <sup>42</sup>	7 <sup>10</sup> 15	5 <sup>10</sup> 56	10 <sup>10</sup> 52	3 <sup>10</sup> 57	T 20
W21	17 57 0	0 <sup>10</sup> 51'49	22 <sup>10</sup> 45	21 <sup>10</sup> 18	28 <sup>10</sup> R51	17 <sup>10</sup> 3	11 <sup>10</sup> 42	20 <sup>10</sup> 35	20 <sup>10</sup> 8	25 <sup>12</sup> 24	19 <sup>44</sup>	7 <sup>10</sup> 13	5 <sup>10</sup> 52	10 <sup>10</sup> 59	3 <sup>10</sup> 54	W21
T 22	18 0 57	0 <sup>10</sup> 59'12	6 <sup>10</sup> 42	22 <sup>10</sup> 51	28 <sup>10</sup> 50	17 <sup>10</sup> 46	11 <sup>10</sup> 38	20 <sup>10</sup> 30	20 <sup>10</sup> 9	25 <sup>12</sup> 22	19 <sup>45</sup>	7 <sup>10</sup> D13	5 <sup>10</sup> 49	11 <sup>10</sup> 5	3 <sup>10</sup> 50	T 22
F 23	18 4 54	1 <sup>10</sup> 56'34	18 <sup>10</sup> 55	24 <sup>10</sup> 21	28 <sup>10</sup> 46	18 <sup>10</sup> 30	11 <sup>10</sup> 34	20 <sup>10</sup> 26	20 <sup>10</sup> 10	25 <sup>12</sup> 21	19 <sup>46</sup>	7 <sup>10</sup> 14	5 <sup>10</sup> 46	11 <sup>10</sup> 12	3 <sup>10</sup> 46	F 23
S 24	18 8 50	2 <sup>10</sup> 53'56	1 <sup>10</sup> 43	25 <sup>10</sup> 47	28 <sup>10</sup> 41	19 <sup>10</sup> 13	11 <sup>10</sup> 30	20 <sup>10</sup> 22	20 <sup>10</sup> 12	25 <sup>12</sup> 19	19 <sup>48</sup>	7 <sup>10</sup> R15	5 <sup>10</sup> 43	11 <sup>10</sup> 19	3 <sup>10</sup> 43	S 24
S 25	18 12 47	3 <sup>10</sup> 51'16	1 <sup>10</sup> 39	27 <sup>10</sup> 12	28 <sup>10</sup> 32	19 <sup>10</sup> 56	11 <sup>10</sup> 25	20 <sup>10</sup> 18	20 <sup>10</sup> 13	25 <sup>12</sup> 17	19 <sup>49</sup>	7 <sup>10</sup> 15	5 <sup>10</sup> 40	11 <sup>10</sup> 26	3 <sup>10</sup> 40	S 25
M26	18 16 43	4 <sup>10</sup> 48'36	2 <sup>10</sup> 58	28 <sup>10</sup> 33	28 <sup>10</sup> 22	20 <sup>10</sup> 39	11 <sup>10</sup> 21	20 <sup>10</sup> 14	20 <sup>10</sup> 15	25 <sup>12</sup> 16	19 <sup>50</sup>	7 <sup>10</sup> 13	5 <sup>10</sup> 37	11 <sup>10</sup> 32	3 <sup>10</sup> 36	M26
T 27	18 20 40	5 <sup>10</sup> 45'55	7 <sup>10</sup> 48	29 <sup>10</sup> 51	28 <sup>10</sup> 9	21 <sup>10</sup> 22	11 <sup>10</sup> 16	20 <sup>10</sup> 10	20 <sup>10</sup> 16	25 <sup>12</sup> 14	19 <sup>52</sup>	7 <sup>10</sup> 9	5 <sup>10</sup> 33	11 <sup>10</sup> 39	3 <sup>10</sup> 33	T 27
W28	18 24 36	6 <sup>10</sup> 43'13	19 <sup>10</sup> 53	1 <sup>10</sup> 49	27 <sup>10</sup> 53	22 <sup>10</sup> 5	11 <sup>10</sup> 11	20 <sup>10</sup> 6	20 <sup>10</sup> 18	25 <sup>12</sup> 13	19 <sup>53</sup>	7 <sup>10</sup> 2	5 <sup>10</sup> 30	11 <sup>10</sup> 46	3 <sup>10</sup> 30	W28
T 29	18 28 33	7 <sup>10</sup> 40'31	1 <sup>10</sup> 46	2 <sup>10</sup> 20	27 <sup>10</sup> 35	22 <sup>10</sup> 48	11 <sup>10</sup> 6	20 <sup>10</sup> 1	20 <sup>10</sup> 20	25 <sup>12</sup> 11	19 <sup>54</sup>	6 <sup>10</sup> 53	5 <sup>10</sup> 27	11 <sup>10</sup> 52	3 <sup>10</sup> 26	T 29
F 30	18 32 29	8 <sup>10</sup> 37'48	1 <sup>10</sup> 38	3 <sup>10</sup> 29	27 <sup>10</sup> 15	23 <sup>10</sup> 30	11 <sup>10</sup> 0	19 <sup>10</sup> 57	20 <sup>10</sup> 21	25 <sup>12</sup> 10	19 <sup>56</sup>	6 <sup>10</sup> 43	5 <sup>10</sup> 24	11 <sup>10</sup> 59	3 <sup>10</sup> 23	F 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	22n 0	26s49	3s39	22n46	0n35	24n37	3n 7	0s43	1s50	17s23	0s23	21s 6	0n32	4n43	0n47	21s53	1n25	12n 7	10s50	14n15	13n47	27s36	16s38	4n32			
F 2	22 8	27 36	4 20	23 12	0 45	24 27	3 3	0 26	1 50	17 23	0 23	21 6	0 32	4 43	0 47	21 53	1 25	12 7	10 50	14 13	13 46	27 36	16 37	4 33			
S 3	22 15	27 6	4 49	23 36	0 55	24 17	2 59	0 9	1 51	17 24	0 23	21 7	0 32	4 43	0 47	21 53	1 25	12 7	10 50	14 11	13 45	27 36	16 36	4 33			
S 4	22 22	25 23	5 6	23 57	1 4	24 7	2 54	0n 8	1 51	17 24	0 23	21 7	0 31	4 43	0 47	21 52	1 25	12 8	10 50	14 9	13 44	27 36	16 35	4 33			
M 5	22 29	22 32	5 10	24 16	1 13	23 56	2 49	0 25	1 52	17 25	0 24	21 8	0 31	4 42	0 47	21 52	1 25	12 8	10 50	14 7	13 43	27 36	16 35	4 33			
T 6	22 35	18 42	5 1	24 31	1 21	23 46	2 44	0 42	1 52	17 25	0 24	21 8	0 31	4 42	0 47	21 52	1 25	12 8	10 50	14 6	13 42	27 36	16 34	4 33			
W 7	22 41	14 4	4 37	24 45	1 28	23 35	2 38	0 59	1 53	17 26	0 24	21 9	0 31	4 42	0 47	21 52	1 25	12 8	10 50	14 5	13 41	27 36	16 33	4 33			
T 8	22 47	8 46	4 1	24 55	1 35	23 25	2 33	1 16	1 53	17 26	0 24	21 9	0 31	4 42	0 47	21 52	1 25	12 8	10 50	14 5	13 40	27 35	16 32	4 34			
F 9	22 52	2 59	3 12	25 3	1 42	23 14	2 27	1 33	1 54	17 27	0 24	21 10	0 31	4 41	0 47	21 52	1 25	12 8	10 50	14 5	13 39	27 35	16 31	4 34			
S 10	22 57	3n 5	2 11	25 8	1 47	23 3	2 20	1 49	1 54	17 28	0 25	21 10	0 31	4 41	0 47	21 52	1 25	12 8	10 50	14 5	13 38	27 35	16 30	4 34			
S 11	23 1	9 14	1 1	25 11	1 52	22 52	2 13	2 6	1 55	17 28	0 25	21 11	0 31	4 41	0 47	21 52	1 25	12 9	10 50	14 6	13 37	27 35	16 29	4 34			
M12	23 5 15	9	0n14	25 11	1 56	22 41	2 6	2 23	1 55	17 29	0 25	21 12	0 31	4 40	0 47	21 52	1 25	12 9	10 50	14 6	13 36	27 35	16 28	4 34			
T 13	23 8 20	25	1 31	25 8	1 59	22 30	1 58	2 40	1 55	17 30	0 25	21 12	0 31	4 40	0 47	21 52	1 25	12 9	10 50	14 5	13 34	27 35	16 28	4 34			
W14	23 11 24	33	2 44	25 4	2 2	22 19	1 50	2 56	1 56	17 31	0 25	21 13	0 31	4 40	0 46	21 52	1 25	12 9	10 50	14 4	13 33	27 35	16 27	4 34			
T 15	23 14 27	2	3 46	24 57	2 3	22 8	1 42	3 13	1 56	17 32	0 26	21 13	0 31	4 39	0 46	21 52	1 25	12 9	10 50	14 3	13 32	27 35	16 26	4 34			
F 16	23 16 27	30	4 33	24 48	2 4	21 57	1 33	3 29	1 57	17 33	0 26	21 14	0 31	4 39	0 46	21 52	1 25	12 9	10 50	14 1	13 31	27 34	16 25	4 34			
S 17	23 18 25	55	5 0	24 37	2 4	21 46	1 24	3 46	1 57	17 34	0 26	21 15	0 31	4 38	0 46	21 52	1 25	12 9	10 50	13 58	13 30	27 34	16 24	4 34			
S 18	23 20 22	31	5 7	24 24	2 4	21 35	1 15	4 2	1 57	17 35	0 26	21 15	0 31	4 38	0 46	21 52	1 25	12 9	10 50	13 56	13 29	27 34	16 24	4 34			
M19	23 21 17	47	4 53	24 10	2 2	21 24	1 5	4 19	1 58	17 36	0 26	21 16	0 31	4 37	0 46	21 52	1 25	12 10	10 50	13 54	13 28	27 34	16 23	4 35			
T 20	23 21 12	11	4 21	23 54	2 0	21 13	0 55	4 35	1 58	17 37	0 26	21 17	0 31	4 37	0 46	21 52	1 25	12 10	10 50	13 53	13 27	27 34	16 22	4 35			
W21	23 22 6	10	3 36	23 37	1 57	21 2	0 44	4 51	1 58	17 39	0 27	21 17	0 31	4 36	0 46	21 52	1 25	12 10	10 50	13 53	13 26	27 34	16 22	4 35			
T 22	23 21 0	3	2 40	23 18	1 54	20 52	0 33	5 7	1 59	17 40	0 27	21 18	0 30	4 36	0 46	21 52	1 25	12 10	10 50	13 53	13 25	27 33	16 21	4 35			
F 23	23 21	5s54	1 37	22 58	1 49	20 41	0 21	5 23	1 59	17 41	0 27	21 19	0 30	4 35	0 46	21 52	1 25	12 10	10 50	13 53	13 24	27 33	16 20	4 35			
S 24	23 20 11	28	0 31	22 37	1 44	20 31	0 9	5 39	1 59	17 43	0 27	21 19	0 30	4 35	0 46	21 52	1 25	12 10	10 50	13 53	13 23	27 33	16 20	4 35			
S 25	23 18 16	30	0s35	22 16	1 39	20 20	0s 3	5 55	1 59	17 44	0 27	21 20	0 30	4 34	0 46	21 51	1 25	12 10	10 50	13 53	13 22	27 33	16 19	4 35			
M26	23 16 20	46	1 38	21 53	1 32	20 10	0 15	6 11	2 0	17 46	0 28	21 21	0 30	4 33	0 46	21 51	1 25	12 10	10 50	13 52	13 21	27 32	16 18	4 35			
T 27	23 14 24	8	2 37	21 30	1 25	20 0	0 28	6 27	2 0	17 47	0 28	21 21	0 30	4 33	0 46	21 51	1 25	12 10	10 50	13 51	13 20	27 32	16 18	4 34			
W28	23 11 26	25	3 27	21 6	1 17	19 50	0 41	6 43	2 0	17 49	0 28	21 22	0 30	4 32	0 46	21 51	1 25	12 10	10 50	13 49	13 19	27 32	16 17	4 34			
T 29	23 8 27	29	4 8	20 42	1 9	19 41	0 55	6 58	2 0	17 50	0 28	21 23	0 30	4 31	0 46	21 51	1 25	12 10	10 50	13 46	13 18	27 32	16 17	4 34			
F 30	23n 5	27s17	4s39	20n17	1n 0	19n31	1s 8	7n14	2s 1	17s52	0s28	21s23	0n30	4n31	0n46	21s51	1n25	12n10	10s50	13n43	13n17	27s31	16s16	4n34			

## ASTRODIENST EPHEMERIS for the year 2637

JULY 2637

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 36 26	9 <sup>h</sup> 35'04	25 <sup>h</sup> 31	4 <sup>h</sup> 36	26°R53	24°Y13	10°R55	19°R53	20 <sup>h</sup> 23	25°R 8	19 <sup>h</sup> 57	6°R31	5 <sup>h</sup> 21	12 <sup>h</sup> 3 6	3°R20	S 1
S 2	18 40 23	10°32'21	7 <sup>h</sup> 25	5°39	26 <sup>h</sup> 28	24°56	10 <sup>h</sup> 49	19 <sup>h</sup> 49	20°25	25 <sup>h</sup> 7 6	19°58	6 <sup>h</sup> 19	5°17	12°13	3 <sup>h</sup> 17	S 2
M 3	18 44 19	11°29'36	19°24	6°39	26° 2	25°38	10°44	19°44	20°27	25° 5	19°59	6° 9	5°14	12°19	3°15	M 3
T 4	18 48 16	12°26'52	1 <sup>h</sup> 29	7°36	25°33	26°21	10°38	19°40	20°29	25° 3	20° 1	6° 0	5°11	12°26	3°12	T 4
W 5	18 52 12	13°24'07	13°43	8°29	25° 3	27° 3	10°32	19°36	20°30	25° 2	20° 2	5°54	5° 8	12°33	3° 9	W 5
T 6	18 56 9	14°21'22	26° 9	9°19	24°31	27°46	10°26	19°31	20°32	25° 0	20° 3	5°51	5° 5	12°39	3° 6	T 6
F 7	19 0 5	15°18'37	8°Y52	10° 5	23°58	28°28	10°20	19°27	20°34	24°59	20° 5	5°49	5° 2	12°46	3° 4	F 7
S 8	19 4 2	16°15'52	21°54	10°48	23°23	29°10	10°13	19°22	20°37	24°57	20° 6	5°D49	4°58	12°53	3° 1	S 8
S 9	19 7 58	17°13'07	5 <sup>h</sup> 19	11°26	22°47	29°52	10° 7	19°18	20°39	24°56	20° 7	5°R49	4°55	13° 0	2°59	S 9
M10	19 11 55	18°10'23	19°12	12° 1	22°11	0 <sup>h</sup> 34	10° 0	19°13	20°41	24°54	20° 8	5°49	4°52	13° 6	2°57	M10
T 11	19 15 52	19° 7'38	3 <sup>h</sup> 11	12°31	21°34	1°16	9°54	19° 9	20°43	24°53	20°10	5°46	4°49	13°13	2°55	T 11
W12	19 19 48	20° 4'54	18°16	12°58	20°57	1°58	9°47	19° 5	20°45	24°52	20°11	5°41	4°46	13°20	2°53	W12
T 13	19 23 45	21° 2'09	3 <sup>h</sup> 21	13°20	20°19	2°39	9°40	19° 0	20°48	24°50	20°12	5°34	4°43	13°26	2°51	T 13
F 14	19 27 41	21°59'25	18°37	13°37	19°42	3°21	9°33	18°56	20°50	24°49	20°13	5°25	4°39	13°33	2°49	F 14
S 15	19 31 38	22°56'40	3 <sup>h</sup> 54	13°50	19° 5	4° 2	9°26	18°51	20°52	24°47	20°14	5°14	4°36	13°40	2°47	S 15
S 16	19 35 34	23°53'56	19° 0	13°58	18°28	4°44	9°19	18°47	20°55	24°46	20°16	5° 4	4°33	13°47	2°45	S 16
M17	19 39 31	24°51'11	3 <sup>h</sup> 46	14°R 2	17°53	5°25	9°11	18°43	20°57	24°45	20°17	4°55	4°30	13°53	2°43	M17
T 18	19 43 28	25°48'26	18° 5	14° 1	17°18	6° 6	9° 4	18°38	21° 0	24°43	20°18	4°49	4°27	14° 0	2°42	T 18
W19	19 47 24	26°45'41	1 <sup>h</sup> 54	13°56	16°45	6°47	8°57	18°34	21° 2	24°42	20°19	4°45	4°23	14° 7	2°40	W19
T 20	19 51 21	27°42'55	15°15	13°45	16°13	7°28	8°49	18°30	21° 5	24°41	20°20	4°43	4°20	14°13	2°39	T 20
F 21	19 55 17	28°40'09	28° 9	13°30	15°42	8° 9	8°42	18°25	21° 7	24°39	20°21	4°43	4°17	14°20	2°38	F 21
S 22	19 59 14	29°37'24	10 <sup>h</sup> 42	13°11	15°13	8°49	8°34	18°21	21°10	24°38	20°22	4°43	4°14	14°27	2°37	S 22
S 23	20 3 10	0 <sup>h</sup> 34'38	22°57	12°47	14°47	9°30	8°27	18°17	21°13	24°37	20°23	4°42	4°11	14°34	2°36	S 23
M24	20 7 7	1°31'52	5 <sup>h</sup> 1	12°20	14°22	10°10	8°19	18°12	21°15	24°36	20°25	4°39	4° 8	14°40	2°35	M24
T 25	20 11 3	2°29'07	16°57	11°49	13°59	10°51	8°11	18° 8	21°18	24°34	20°26	4°34	4° 4	14°47	2°34	T 25
W26	20 15 0	3°26'21	28°48	11°15	13°38	11°31	8° 4	18° 4	21°21	24°33	20°27	4°26	4° 1	14°54	2°33	W26
T 27	20 18 57	4°23'36	10 <sup>h</sup> 39	10°38	13°20	12°11	7°56	18° 0	21°24	24°32	20°28	4°15	3°58	15° 0	2°32	T 27
F 28	20 22 53	5°20'51	22°32	9°59	13° 4	12°51	7°48	17°56	21°27	24°31	20°29	4° 3	3°55	15° 7	2°32	F 28
S 29	20 26 50	6°18'06	4 <sup>h</sup> 28	9°19	12°51	13°30	7°41	17°52	21°30	24°30	20°30	3°49	3°52	15°14	2°31	S 29
S 30	20 30 46	7°15'21	16°29	8°38	12°40	14°10	7°33	17°48	21°32	24°29	20°31	3°35	3°49	15°21	2°31	S 30
M31	20 34 43	8°12'37	28 <sup>h</sup> 35	7°57	12°31	14°49	7 <sup>h</sup> 25	17°34	21 <sup>h</sup> 35	24 <sup>h</sup> 28	20 <sup>h</sup> 32	3°23	3°45	15°27	2 <sup>h</sup> 31	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	23n 1	25s50	4s57	19n52	0n50	19n22	1s22	7n29	2s 1	17s54	0s29	21s24	0n30	4n30	0n46	21s51	1n25	12n10	10s50	13n39	13n16	27s31	16s16	4n34			
S 2	22 56	23 13	5 2	19 26	0 40	19 13	1 36	7 45	2 1	17 55	0 29	21 25	0 30	4 29	0 46	21 51	1 25	12 11	10 50	13 35	13 15	27 31	16 15	4 34			
M 3	22 52	19 37	4 55	19 1	0 29	19 4	1 51	8 0	2 1	17 57	0 29	21 25	0 30	4 28	0 46	21 51	1 25	12 11	10 50	13 32	13 13	27 31	16 15	4 34			
T 4	22 47	15 10	4 34	18 36	0 18	18 55	2 5	8 15	2 1	17 59	0 29	21 26	0 30	4 28	0 46	21 51	1 25	12 11	10 50	13 29	13 12	27 30	16 14	4 34			
W 5	22 41	10 4	4 0	18 11	0 6	18 46	2 19	8 30	2 1	18 1	0 29	21 27	0 30	4 27	0 46	21 51	1 25	12 11	10 50	13 27	13 11	27 30	16 14	4 34			
T 6	22 35	4 30	3 14	17 46	0s 7	18 38	2 33	8 45	2 2	18 2	0 29	21 28	0 29	4 26	0 46	21 51	1 25	12 11	10 50	13 25	13 10	27 30	16 14	4 34			
F 7	22 29	1n23	2 18	17 21	0 19	18 30	2 47	9 0	2 2	18 4	0 30	21 28	0 29	4 25	0 46	21 51	1 25	12 11	10 50	13 25	13 9	27 29	16 13	4 34			
S 8	22 22	7 22	1 13	16 57	0 33	18 22	3 1	9 14	2 2	18 6	0 30	21 29	0 29	4 24	0 45	21 51	1 25	12 11	10 50	13 25	13 8	27 29	16 13	4 34			
S 9	22 15	13 13	0 3	16 33	0 46	18 14	3 15	9 29	2 2	18 8	0 30	21 30	0 29	4 24	0 45	21 51	1 25	12 11	10 50	13 25	13 7	27 29	16 13	4 34			
M10	22 8	18 36	1n10	16 10	1 1	18 6	3 29	9 44	2 2	18 10	0 30	21 30	0 29	4 23	0 45	21 51	1 25	12 11	10 50	13 25	13 6	27 28	16 12	4 33			
T 11	22 0	23 6	2 21	15 47	1 15	17 59	3 42	9 58	2 2	18 12	0 30	21 31	0 29	4 22	0 45	21 51	1 25	12 11	10 51	13 24	13 5	27 28	16 12	4 33			
W12	21 52	26 14	3 25	15 26	1 30	17 52	3 55	10 12	2 2	18 14	0 31	21 32	0 29	4 21	0 45	21 51	1 25	12 11	10 51	13 22	13 4	27 28	16 12	4 33			
T 13	21 43	27 34	4 15	15 5	1 45	17 45	4 8	10 26	2 2	18 16	0 31	21 32	0 29	4 20	0 45	21 51	1 25	12 11	10 51	13 20	13 3	27 27	16 11	4 33			
F 14	21 34	26 50	4 48	14 46	2 0	17 38	4 20	10 40	2 2	18 18	0 31	21 33	0 29	4 19	0 45	21 51	1 25	12 11	10 51	13 17	13 2	27 27	16 11	4 33			
S 15	21 25	24 5	5 1	14 28	2 15	17 32	4 31	10 54	2 2	18 20	0 31	21 34	0 29	4 18	0 45	21 51	1 25	12 11	10 51	13 13	13 1	27 26	16 11	4 33			
S 16	21 15	19 42	4 52	14 11	2 30	17 26	4 42	11 8	2 2	18 22	0 31	21 35	0 29	4 17	0 45	21 51	1 25	12 11	10 51	13 10	13 0	27 26	16 11	4 33			
M17	21 5	14 12	4 24	13 55	2 46	17 20	4 52	11 22	2 2	18 24	0 31	21 35	0 28	4 16	0 45	21 51	1 25	12 11	10 51	13 7	12 59	27 26	16 11	4 32			
T 18	20 55	8 4	3 40	13 41	3 1	17 15	5 2	11 35	2 2	18 26	0 32	21 36	0 28	4 15	0 45	21 51	1 25	12 11	10 51	13 5	12 58	27 25	16 11	4 32			
W19	20 44	1 45	2 44	13 28	3 15	17 10	5 11	11 49	2 2	18 28	0 32	21 37	0 28	4 14	0 45	21 51	1 25	12 11	10 51	13 4	12 56	27 25	16 11	4 32			
T 20	20 33	4s26	1 41	13 17	3 30	17 5	5 20	12 2	2 2	18 30	0 32	21 37	0 28	4 13	0 45	21 51	1 24	12 11	10 51	13 3	12 55	27 24	16 10	4 32			
F 21	20 21	10 15	0 35	13 8	3 43	17 1	5 28	12 15	2 2	18 32	0 32	21 38	0 28	4 12	0 45	21 51	1 24	12 11	10 51	13 3	12 54	27 24	16 10	4 32			
S 22	20 10	15 29	0s32	13 1	3 57	16 57	5 35	12 28	2 2	18 35	0 32	21 39	0 28	4 11	0 45	21 51	1 24	12 11	10 52	13 3	12 53	27 24	16 10	4 31			
S 23	19 58	19 59	1 35	12 56	4 9	16 53	5 41	12 41	2 2	18 37	0 32	21 39	0 28	4 10	0 45	21 51	1 24	12 11	10 52	13 3	12 52	27 23	16 10	4 31			
M24	19 45	23 34	2 33	12 52	4 20	16 50	5 47	12 54	2 2	18 39	0 32	21 40	0 28	4 9	0 45	21 51	1 24	12 11	10 52	13 2	12 51	27 23	16 10	4 31			
T 25	19 32	26 5	3 23	12 51	4 31	16 47	5 52	13 6	2 2	18 41	0 33	21 41	0 28	4 8	0 45	21 51	1 24	12 11	10 52	13 0	12 50	27 22	16 10	4 31			
W26	19 19	27 26	4 4	12 51	4 40	16 45	5 57	13 19	2 1	18 43	0 33	21 41	0 28	4 6	0 45	21 51	1 24	12 11	10 52	12 57	12 49	27 22	16 10	4 31			
T 27	19 6	27 30	4 35	12 54	4 47	16 43	6 0	13 31	2 1	18 45	0 33	21 42	0 28	4 5	0 45	21 51	1 24	12 10	10 52	12 54	12 48	27 21	16 11	4 30			
F 28	18 52	26 18	4 54	12 58	4 53	16 41	6 4	13 43	2 1	18 47	0 33	21 43	0 27	4 4	0 45	21 51	1 24	12 10	10 52	12 49	12 47	27 21	16 11	4 30			
S 29	18 38	23 55	4 59	13 4	4 58	16 40	6 6	13 55	2 1	18 49	0 33	21 43	0 27	4 3	0 45	21 51	1 24	12 10	10 52	12 45	12 46	27 20	16 11	4 30			
S 30	18 24	20 29	4 52	13 12	5 1	16 39	6 8	14 7	2 1	18 51	0 33	21 44	0 27	4 2	0 45	21 51	1 24	12 10	10 52	12 40	12 45	27 20	16 11	4 30			
M31	18n 9	16s10	4s31	13n21	5s 2	16n38	6s10	14n19	2s 0	18s54	0s33	21s44	0n27	4n 1	0n45	21s51	1n24	12n10	10s53	12n36	12n44	27s19	16s11	4n30			

## ASTRODIENST EPHEMERIS for the year 2637

AUGUST 2637

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 38 39	9♌ 9°54	10♋ 49	7♊ 17	12♊ 25	15♊ 29	7♊ 17	17♊ 40	21♊ 38	24♊ 27	20♊ 33	3♊ 12	3♊ 42	15♊ 34	2♊ 31	T 1
W 2	20 42 36	10° 7'11	23°12	6♊ 38	12♊ 21	16° 8	7♊ 10	17♊ 36	21°41	24♊ 26	20°34	3♊ 5	3°39	15°41	2°D31	W 2
T 3	20 46 32	11° 4'29	5°Y45	6° 1	12°D19	16°47	7° 2	17°32	21°45	24°25	20°35	3° 0	3°36	15°47	2♊ 31	T 3
F 4	20 50 29	12° 1'47	18°32	5°26	12°20	17°26	6°54	17°28	21°48	24°24	20°36	2°58	3°33	15°54	2°31	F 4
S 5	20 54 26	12°59'07	18°35	4°56	12°23	18° 4	6°46	17°24	21°51	24°23	20°36	2°D57	3°29	16° 1	2°31	S 5
S 6	20 58 22	13°56'27	14°58	4°29	12°28	18°43	6°39	17°20	21°54	24°22	20°37	2°R57	3°26	16° 8	2°31	S 6
M 7	21 2 19	14°53'49	28°43	4° 7	12°36	19°21	6°31	17°17	21°57	24°21	20°38	2°57	3°23	16°14	2°32	M 7
T 8	21 6 15	15°51'11	12♊ 51	3°50	12°45	19°59	6°24	17°13	22° 0	24°20	20°39	2°54	3°20	16°21	2°32	T 8
W 9	21 10 12	16°48'35	27°22	3°38	12°57	20°37	6°16	17°10	22° 3	24°19	20°40	2°50	3°17	16°28	2°33	W 9
T 10	21 14 8	17°46'00	12♊ 13	3°D32	13°11	21°15	6° 9	17° 6	22° 7	24°18	20°41	2°43	3°14	16°34	2°34	T 10
F 11	21 18 5	18°43'25	27°16	3°32	13°27	21°53	6° 1	17° 3	22°10	24°18	20°42	2°34	3°10	16°41	2°35	F 11
S 12	21 22 1	19°40'52	12♊ 23	3°39	13°44	22°30	5°54	16°59	22°13	24°17	20°42	2°23	3° 7	16°48	2°36	S 12
S 13	21 25 58	20°38'19	27°23	3°51	14° 4	23° 8	5°47	16°56	22°17	24°16	20°43	2°13	3° 4	16°55	2°37	S 13
M14	21 29 55	21°35'47	12♊ 7	4°11	14°25	23°45	5°39	16°53	22°20	24°15	20°44	2° 5	3° 1	17° 1	2°38	M14
T 15	21 33 51	22°33'15	26°27	4°36	14°48	24°22	5°32	16°50	22°23	24°15	20°45	1°58	2°58	17° 8	2°39	T 15
W16	21 37 48	23°30'45	10♊ 20	5° 8	15°13	24°58	5°25	16°47	22°27	24°14	20°45	1°54	2°55	17°15	2°41	W16
T 17	21 41 44	24°28'15	23°45	5°47	15°39	25°35	5°18	16°43	22°30	24°14	20°46	1°52	2°51	17°22	2°42	T 17
F 18	21 45 41	25°25'46	6♊ 43	6°32	16° 7	26°11	5°11	16°41	22°34	24°13	20°47	1°D52	2°48	17°28	2°44	F 18
S 19	21 49 37	26°23'18	19°18	7°24	16°36	26°47	5° 4	16°38	22°37	24°12	20°47	1°52	2°45	17°35	2°45	S 19
S 20	21 53 34	27°20'50	1♊ 35	8°21	17° 7	27°23	4°58	16°35	22°41	24°12	20°48	1°R52	2°42	17°42	2°47	S 20
M21	21 57 30	28°18'24	13°39	9°25	17°39	27°58	4°51	16°32	22°44	24°11	20°49	1°51	2°39	17°48	2°49	M21
T 22	22 1 27	29°15'58	25°34	10°35	18°13	28°34	4°45	16°29	22°48	24°11	20°49	1°48	2°35	17°55	2°51	T 22
W23	22 5 24	0♊ 13'33	7♊ 26	11°50	18°48	29° 9	4°39	16°27	22°51	24°10	20°50	1°42	2°32	18° 2	2°53	W23
T 24	22 9 20	1°11'09	19°18	13°11	19°24	29°44	4°32	16°24	22°55	24°10	20°51	1°34	2°29	18° 9	2°55	T 24
F 25	22 13 17	2° 8'46	1♊ 13	14°37	20° 1	0♊ 18	4°26	16°22	22°58	24°10	20°51	1°24	2°26	18°15	2°58	F 25
S 26	22 17 13	3° 6'24	13°15	16° 8	20°40	0°53	4°20	16°20	23° 2	24° 9	20°52	1°14	2°23	18°22	3° 0	S 26
S 27	22 21 10	4° 4'03	25°24	17°44	21°19	1°27	4°14	16°17	23° 6	24° 9	20°52	1° 3	2°20	18°29	3° 2	S 27
M28	22 25 6	5° 1'43	7♊ 42	19°23	22° 0	2° 1	4° 9	16°15	23° 9	24° 9	20°53	0°53	2°16	18°35	3° 5	M28
T 29	22 29 3	5°59'25	20° 9	21° 7	22°41	2°34	4° 3	16°13	23°13	24° 9	20°53	0°45	2°13	18°42	3° 8	T 29
W30	22 32 59	6°57'08	2°Y47	22°53	23°24	3° 8	3°58	16°11	23°16	24° 8	20°54	0°40	2°10	18°49	3°10	W30
T 31	22 36 56	7♊ 54'52	15°Y35	24♊ 43	24♊ 8	3♊ 41	3♊ 53	16♊ 9	23♊ 20	24♊ 8	20♊ 54	0♊ 36	2♊ 7	18♊ 56	3♊ 13	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	17n54	11s 9	3s58	13n31	5s 2	16n38	6s11	14n30	2s 0	18s56	0s34	21s45	0n27	3n59	0n45	21s51
W 2	17 39	5 39	3 13	13 43	4 59	16 37	6 11	14 42	2 0	18 58	0 34	21 46	0 27	3 58	0 45	21 51
T 3	17 23	0n 9	2 18	13 56	4 55	16 38	6 11	14 53	2 0	19 0	0 34	21 46	0 27	3 57	0 45	21 51
F 4	17 8	6 4	1 15	14 9	4 50	16 38	6 11	15 4	1 59	19 2	0 34	21 47	0 27	3 56	0 45	21 51
S 5	16 52	11 52	0 7	14 24	4 43	16 38	6 10	15 15	1 59	19 4	0 34	21 47	0 27	3 54	0 45	21 51
S 6	16 35	17 17	1n 3	14 38	4 34	16 39	6 9	15 26	1 59	19 6	0 34	21 48	0 27	3 53	0 45	21 51
M 7	16 19	21 57	2 12	14 53	4 24	16 40	6 7	15 36	1 58	19 8	0 34	21 49	0 26	3 52	0 45	21 51
T 8	16 2	25 28	3 14	15 8	4 12	16 41	6 5	15 47	1 58	19 10	0 34	21 49	0 26	3 51	0 45	21 51
W 9	15 45	27 26	4 6	15 23	4 0	16 42	6 3	15 57	1 58	19 12	0 34	21 50	0 26	3 49	0 44	21 51
T 10	15 27	27 29	4 43	15 37	3 47	16 44	6 0	16 8	1 57	19 14	0 35	21 50	0 26	3 48	0 44	21 51
F 11	15 10	25 32	5 0	15 51	3 32	16 45	5 58	16 18	1 57	19 16	0 35	21 51	0 26	3 47	0 44	21 51
S 12	14 52	21 47	4 57	16 4	3 17	16 47	5 54	16 28	1 56	19 18	0 35	21 51	0 26	3 45	0 44	21 51
S 13	14 34	16 37	4 33	16 17	3 2	16 48	5 51	16 37	1 56	19 20	0 35	21 52	0 26	3 44	0 44	21 51
M14	14 16	10 34	3 52	16 28	2 46	16 49	5 47	16 47	1 55	19 22	0 35	21 52	0 26	3 43	0 44	21 51
T 15	13 57	4 6	2 56	16 37	2 30	16 51	5 44	16 56	1 55	19 23	0 35	21 53	0 26	3 41	0 44	21 51
W16	13 38	2s22	1 52	16 46	2 13	16 52	5 39	17 6	1 54	19 25	0 35	21 53	0 25	3 40	0 44	21 51
T 17	13 19	8 31	0 43	16 52	1 57	16 54	5 35	17 15	1 54	19 27	0 35	21 54	0 25	3 39	0 44	21 51
F 18	13 0	14 7	0s26	16 57	1 40	16 55	5 31	17 24	1 53	19 29	0 35	21 54	0 25	3 37	0 44	21 51
S 19	12 41	18 58	1 32	17 0	1 24	16 56	5 26	17 32	1 53	19 30	0 35	21 55	0 25	3 36	0 44	21 51
S 20	12 21	22 53	2 31	17 1	1 8	16 57	5 22	17 41	1 52	19 32	0 36	21 55	0 25	3 34	0 44	21 51
M21	12 1	25 43	3 23	17 0	0 52	16 58	5 17	17 50	1 52	19 34	0 36	21 56	0 25	3 33	0 44	21 51
T 22	11 41	27 23	4 6	16 56	0 37	16 59	5 12	17 58	1 51	19 35	0 36	21 56	0 25	3 32	0 44	21 51
W23	11 21	27 46	4 37	16 50	0 22	16 59	5 7	18 6	1 51	19 37	0 36	21 57	0 25	3 30	0 44	21 51
T 24	11 1	26 52	4 57	16 41	0 8	16 59	5 1	18 14	1 50	19 39	0 36	21 57	0 25	3 29	0 44	21 51
F 25	10 41	24 45	5 4	16 29	0n 6	16 59	4 56	18 22	1 49	19 40	0 36	21 57	0 24	3 27	0 44	21 51
S 26	10 20	21 32	4 57	16 15	0 19	16 59	4 50	18 30	1 49	19 42	0 36	21 58	0 24	3 26	0 44	21 51
S 27	9 59	17 22	4 37	15 57	0 31	16 59	4 45	18 37	1 48	19 43	0 36	21 58	0 24	3 25	0 44	21 51
M28	9 38	12 26	4 4	15 37	0 42	16 58	4 39	18 45	1 47	19 44	0 36	21 59	0 24	3 23	0 44	21 51
T 29	9 17	6 56	3 19	15 14	0 52	16 57	4 34	18 52	1 46	19 46	0 36	21 59	0 24	3 22	0 44	21 51
W30	8 56	1 6	2 23	14 49	1 2	16 56	4 28	18 59	1 46	19 47	0 36	21 59	0 24	3 20	0 44	21 51
T 31	8n34	4n53	1s20	14n21	1n10	16n55	4s22	19n 6	1s45	19s48	0s36	22s 0	0n24	3n19	0n44	21s51

Julian Day Number = 2684416.5, Delta T = 22m43s  
Ecliptic obliquity = 23°21'31", Nutation = - 0°00'08"  
Ayanamsha: Fagan/Bradley = 33°39'31", Lahiri = 32°46'31"

## ASTRODIENST EPHEMERIS for the year 2637

SEPTEMBER 2637

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 40 53	8♍25°38	28♋36	26♊35	24♉53	4♈14	3♇47	16♋7	23♎24	24♌8	20♌54	0°D35	2♉4	19♉2	3♌16	F 1
S 2	22 44 49	9°50'25	11♌50	28°29	25°38	4°46	3♌42	16♌6	23°28	24♌8	20°55	0♌36	2°1	19°9	3°19	S 2
S 3	22 48 46	10°48'14	25°18	0♍25	26°25	5°19	3°38	16°4	23°31	24°8	20°55	0°37	1°57	19°16	3°22	S 3
M 4	22 52 42	11°46'05	9♈3	2°23	27°12	5°51	3°33	16°2	23°35	24°8	20°56	0°R38	1°54	19°22	3°26	M 4
T 5	22 56 39	12°43'58	23°4	4°21	28°0	6°22	3°29	16°1	23°39	24°D 8	20°56	0°37	1°51	19°29	3°29	T 5
W 6	23 0 35	13°41'53	7♌22	6°19	28°49	6°54	3°24	16°0	23°42	24°8	20°56	0°35	1°48	19°36	3°32	W 6
T 7	23 4 32	14°39'49	21°53	8°18	29°38	7°25	3°20	15°58	23°46	24°8	20°56	0°31	1°45	19°43	3°36	T 7
F 8	23 8 28	15°37'47	6♊34	10°17	0♊29	7°55	3°16	15°57	23°50	24°8	20°57	0°25	1°41	19°49	3°39	F 8
S 9	23 12 25	16°35'47	21°19	12°16	1°20	8°26	3°12	15°56	23°54	24°8	20°57	0°19	1°38	19°56	3°43	S 9
S 10	23 16 22	17°33'48	5♍58	14°15	2°11	8°56	3°9	15°55	23°57	24°8	20°57	0°12	1°35	20°3	3°47	S 10
M11	23 20 18	18°31'51	20°26	16°12	3°4	9°25	3°5	15°54	24°1	24°8	20°57	0°6	1°32	20°9	3°51	M11
T 12	23 24 15	19°29'55	4♌36	18°9	3°57	9°55	3°2	15°53	24°5	24°8	20°58	0°2	1°29	20°16	3°55	T 12
W13	23 28 11	20°28'01	18°24	20°6	4°50	10°24	2°59	15°53	24°9	24°9	20°58	29°Y59	1°26	20°23	3°59	W13
T 14	23 32 8	21°26'09	1♌47	22°1	5°44	10°52	2°56	15°52	24°12	24°9	20°58	29°D59	1°22	20°30	4°3	T 14
F 15	23 36 4	22°24'18	14°46	23°55	6°39	11°21	2°53	15°51	24°16	24°9	20°58	29°59	1°19	20°36	4°7	F 15
S 16	23 40 1	23°22'28	27°24	25°49	7°34	11°48	2°51	15°51	24°20	24°10	20°58	0♌1	1°16	20°43	4°11	S 16
S 17	23 43 57	24°20'40	9♌43	27°41	8°30	12°16	2°48	15°51	24°24	24°10	20°58	0°3	1°13	20°50	4°16	S 17
M18	23 47 54	25°18'54	21°49	29°32	9°26	12°43	2°46	15°50	24°28	24°10	20°58	0°R 4	1°10	20°57	4°20	M18
T 19	23 51 50	26°17'09	3♌36	1♌22	10°23	13°9	2°44	15°50	24°31	24°11	20°58	0°4	1°6	21°3	4°25	T 19
W20	23 55 47	27°15'25	15°39	3°10	11°20	13°36	2°42	15°D50	24°35	24°11	20°R58	0°2	1°3	21°10	4°29	W20
T 21	23 59 44	28°13'43	27°32	4°58	12°18	14°1	2°41	15°50	24°39	24°12	20°58	29°Y59	1°0	21°17	4°34	T 21
F 22	0 3 40	29°12'02	9♌30	6°45	13°16	14°27	2°39	15°51	24°43	24°12	20°58	29°55	0°57	21°23	4°39	F 22
S 23	0 7 37	0♌10'23	21°36	8°30	14°15	14°52	2°38	15°51	24°46	24°13	20°58	29°50	0°54	21°30	4°44	S 23
S 24	0 11 33	1°8'46	3♌53	10°14	15°14	15°16	2°37	15°51	24°50	24°13	20°58	29°45	0°51	21°37	4°49	S 24
M25	0 15 30	2°7'10	16°23	11°57	16°13	15°40	2°36	15°52	24°54	24°14	20°58	29°40	0°47	21°44	4°54	M25
T 26	0 19 26	3°5'36	29°6	13°40	17°13	16°4	2°36	15°52	24°58	24°15	20°58	29°37	0°44	21°50	4°59	T 26
W27	0 23 23	4°4'04	12♋3	15°21	18°14	16°27	2°35	15°53	25°2	24°15	20°58	29°34	0°41	21°57	5°4	W27
T 28	0 27 19	5°2'33	25°13	17°0	19°14	16°49	2°35	15°54	25°5	24°16	20°58	29°D33	0°38	22°4	5°9	T 28
F 29	0 31 16	6°1'05	8♌36	18°39	20°15	17°11	2°D35	15°54	25°9	24°17	20°58	29°33	0°35	22°10	5°14	F 29
S 30	0 35 13	6♌59'39	22♌11	20♌17	21♌17	17♌33	2♌35	15♌55	25♌13	24♌18	20♌57	29°Y34	0♌32	22♌17	5♌20	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	8n13	10n46	0s11	13n50	1n18	16n53	4s16	19n13	1s44	19s50	0s36	22s 0	0n24	3n17	0n44	21s51
S 2	7 51	16 17	1n 0	13 17	1 25	16 50	4 10	19 20	1 43	19 51	0 36	22 0	0 23	3 16	0 44	21 51
S 3	7 29	21 7	2 9	12 42	1 30	16 48	4 4	19 26	1 42	19 52	0 36	22 1	0 23	3 14	0 44	21 51
M 4	7 8	24 54	3 12	12 4	1 35	16 45	3 58	19 33	1 41	19 53	0 36	22 1	0 23	3 13	0 44	21 51
T 5	6 46	27 15	4 5	11 25	1 39	16 42	3 52	19 39	1 40	19 54	0 36	22 1	0 23	3 11	0 44	21 51
W 6	6 23	27 52	4 43	10 45	1 42	16 38	3 46	19 45	1 40	19 55	0 36	22 1	0 23	3 10	0 44	21 51
T 7	6 1	26 36	5 10	10 2	1 44	16 34	3 40	19 51	1 39	19 56	0 37	22 2	0 23	3 8	0 44	21 52
F 8	5 39	23 30	5 6	9 19	1 46	16 29	3 34	19 57	1 38	19 57	0 37	22 2	0 23	3 7	0 44	21 52
S 9	5 16	18 53	4 48	8 34	1 46	16 25	3 28	20 3	1 37	19 58	0 37	22 2	0 23	3 5	0 44	21 52
S 10	4 54	13 10	4 11	7 49	1 46	16 19	3 22	20 8	1 36	19 59	0 37	22 2	0 23	3 4	0 44	21 52
M11	4 31	6 48	3 18	7 2	1 45	16 14	3 16	20 14	1 35	20 0	0 37	22 3	0 22	3 2	0 44	21 52
T 12	4 9	0 13	2 13	6 16	1 44	16 8	3 10	20 19	1 34	20 1	0 37	22 3	0 22	3 1	0 44	21 52
W13	3 46	6s13	1 3	5 28	1 42	16 1	3 4	20 24	1 32	20 1	0 37	22 3	0 22	3 0	0 44	21 52
T 14	3 23	12 12	0s10	4 41	1 39	15 54	2 58	20 30	1 31	20 2	0 37	22 3	0 22	2 58	0 44	21 52
F 15	3 0	17 29	1 20	3 53	1 36	15 47	2 51	20 34	1 30	20 3	0 37	22 3	0 22	2 57	0 44	21 52
S 16	2 37	21 51	2 24	3 5	1 32	15 39	2 45	20 39	1 29	20 3	0 37	22 4	0 22	2 55	0 44	21 52
S 17	2 14	25 7	3 19	2 16	1 28	15 31	2 39	20 44	1 28	20 4	0 37	22 4	0 22	2 54	0 44	21 52
M18	1 51	27 11	4 5	1 28	1 24	15 22	2 33	20 49	1 27	20 4	0 37	22 4	0 22	2 52	0 44	21 52
T 19	1 28	27 58	4 40	0 40	1 19	15 13	2 27	20 53	1 25	20 5	0 37	22 4	0 22	2 51	0 44	21 52
W20	1 5	27 27	5 2	0s 7	1 14	15 3	2 21	20 58	1 24	20 5	0 37	22 4	0 21	2 49	0 44	21 52
T 21	0 42	25 40	5 12	0 55	1 9	14 53	2 15	21 2	1 23	20 6	0 37	22 4	0 21	2 48	0 44	21 52
F 22	0 19	22 45	5 8	1 42	1 3	14 43	2 9	21 6	1 22	20 6	0 37	22 4	0 21	2 46	0 44	21 53
S 23	0s 4	18 49	4 50	2 29	0 57	14 32	2 3	21 10	1 20	20 6	0 37	22 4	0 21	2 45	0 44	21 53
S 24	0 27	14 4	4 19	3 16	0 51	14 21	1 57	21 15	1 19	20 6	0 37	22 4	0 21	2 43	0 44	21 53
M25	0 50	8 39	3 35	4 2	0 45	14 9	1 51	21 19	1 17	20 7	0 37	22 5	0 21	2 42	0 44	21 53
T 26	1 14	2 48	2 39	4 47	0 38	13 57	1 46	21 22	1 16	20 7	0 37	22 5	0 21	2 40	0 44	21 53
W27	1 37	3n18	1 35	5 32	0 31	13 44	1 40	21 26	1 14	20 7	0 37	22 5	0 21	2 39	0 44	21 53
T 28	2 0	9 21	0 24	6 17	0 25	13 31	1 34	21 30	1 13	20 7	0 37	22 5	0 21	2 37	0 44	21 53
F 29	2 23	15 6	0n50	7 1	0 18	13 17	1 28	21 34	1 11	20 7	0 37	22 5	0 20	2 36	0 44	21 53
S 30	2s46	20n12	2n 1	7s44	0n10	13n 3	1s23	21n37	1s10	20s 7	0s37	22s 5	0n20	2n34	0n44	21s53

Julian Day Number = 2684447.5, Delta T = 22m43s

Ecliptic obliquity = 23°21'32, Nutation = - 0°00'09

Ayanamsha: Fagan/Bradley = 33°39'36, Lahiri = 32°46'36

## ASTRODIENST EPHEMERIS for the year 2637

OCTOBER 2637

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 39 9	7♂58'15	5♂56	21♂54	22♂19	17♂54	2♂36	15♂56	25♂16	24♂18	20♂57	29♂36	0♂28	22♂24	5♂25	S 1
M 2	0 43 6	8°56'53	19°52	23°30	23°21	18°14	2°36	15°58	25°20	24°19	20°57	29°37	0°25	22°31	5°31	M 2
T 3	0 47 2	9°55'33	3♂56	25° 5	24°23	18°34	2°37	15°59	25°24	24°20	20°57	29°R38	0°22	22°37	5°36	T 3
W 4	0 50 59	10°54'16	18° 8	26°39	25°26	18°53	2°38	16° 0	25°28	24°21	20°56	29°38	0°19	22°44	5°42	W 4
T 5	0 54 55	11°53'01	2♂25	28°12	26°29	19°12	2°39	16° 2	25°31	24°22	20°56	29°37	0°16	22°51	5°47	T 5
F 6	0 58 52	12°51'48	16°43	29°44	27°33	19°30	2°40	16° 3	25°35	24°23	20°56	29°35	0°12	22°58	5°53	F 6
S 7	1 2 48	13°50'37	1♂1	1♂15	28°36	19°48	2°42	16° 5	25°39	24°24	20°55	29°33	0° 9	23° 4	5°59	S 7
S 8	1 6 45	14°49'28	15°12	2°46	29°40	20° 5	2°43	16° 6	25°42	24°25	20°55	29°31	0° 6	23°11	6° 5	S 8
M 9	1 10 42	15°48'22	29°14	4°15	0♂45	20°21	2°45	16° 8	25°46	24°26	20°55	29°30	0° 3	23°18	6°11	M 9
T 10	1 14 38	16°47'17	13♂2	5°43	1°49	20°37	2°47	16°10	25°49	24°27	20°54	29°29	29♂59	23°24	6°17	T 10
W 11	1 18 35	17°46'14	26°34	7°11	2°54	20°52	2°50	16°12	25°53	24°28	20°54	29°D28	29°57	23°31	6°23	W 11
T 12	1 22 31	18°45'14	9♂46	8°37	3°59	21° 6	2°52	16°14	25°57	24°29	20°53	29°28	29°53	23°38	6°29	T 12
F 13	1 26 28	19°44'15	22°40	10° 3	5° 5	21°20	2°55	16°16	26° 0	24°31	20°53	29°29	29°50	23°45	6°35	F 13
S 14	1 30 24	20°43'19	5♂16	11°27	6°10	21°32	2°58	16°19	26° 4	24°32	20°53	29°30	29°47	23°51	6°42	S 14
S 15	1 34 21	21°42'24	17°35	12°51	7°16	21°45	3° 1	16°21	26° 7	24°33	20°52	29°31	29°44	23°58	6°48	S 15
M 16	1 38 17	22°41'31	29°42	14°13	8°22	21°56	3° 4	16°24	26°11	24°34	20°52	29°31	29°41	24° 5	6°54	M 16
T 17	1 42 14	23°40'39	11♂40	15°35	9°28	22° 7	3° 7	16°26	26°14	24°36	20°51	29°32	29°38	24°11	7° 1	T 17
W 18	1 46 11	24°39'50	23°33	16°55	10°35	22°17	3°11	16°29	26°18	24°37	20°50	29°R32	29°34	24°18	7° 7	W 18
T 19	1 50 7	25°39'02	5♂27	18°14	11°42	22°26	3°15	16°32	26°21	24°38	20°50	29°32	29°31	24°25	7°14	T 19
F 20	1 54 4	26°38'16	17°25	19°32	12°49	22°35	3°19	16°34	26°24	24°40	20°49	29°32	29°28	24°32	7°20	F 20
S 21	1 58 0	27°37'31	29°33	20°48	13°56	22°42	3°23	16°37	26°28	24°41	20°49	29°31	29°25	24°38	7°27	S 21
S 22	2 1 57	28°36'48	11♂54	22° 4	15° 3	22°49	3°27	16°40	26°31	24°43	20°48	29°31	29°22	24°45	7°34	S 22
M 23	2 5 53	29°36'08	24°30	23°17	16°11	22°55	3°32	16°43	26°34	24°44	20°47	29°D31	29°18	24°52	7°40	M 23
T 24	2 9 50	0♂35'28	7♂26	24°29	17°19	23° 1	3°36	16°47	26°38	24°45	20°47	29°31	29°15	24°59	7°47	T 24
W 25	2 13 46	1°34'51	20°40	25°40	18°27	23° 5	3°41	16°50	26°41	24°47	20°46	29°31	29°12	25° 5	7°54	W 25
T 26	2 17 43	2°34'16	4♂12	26°48	19°35	23° 9	3°46	16°53	26°44	24°48	20°45	29°R31	29° 9	25°12	8° 1	T 26
F 27	2 21 40	3°33'43	18° 2	27°55	20°43	23°12	3°51	16°57	26°47	24°50	20°45	29°31	29° 6	25°19	8° 8	F 27
S 28	2 25 36	4°33'12	2♂5	28°59	21°52	23°14	3°57	17° 0	26°51	24°52	20°44	29°31	29° 3	25°25	8°15	S 28
S 29	2 29 33	5°32'43	16°17	0♂1	23° 0	23°15	4° 2	17° 4	26°54	24°53	20°43	29°30	28°59	25°32	8°22	S 29
M 30	2 33 29	6°32'17	0♂35	1° 0	24° 9	23°R15	4° 8	17° 8	26°57	24°55	20°42	29°29	28°56	25°39	8°29	M 30
T 31	2 37 26	7♂31'52	14♂55	1♂56	25♂18	23♂14	4♂14	17♂11	27♂0	24♂57	20♂42	29♂29	28♂53	25♂46	8♂36	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	3s 9	24n18	3n 7	8s27	0n 3	12n49	1s17	21n41	1s 8	20s 7	0s37	22s 5	0n20	2n33	0n44	21s53
M 2	3 32	27 0	4 3	9 10	0s 4	12 34	1 11	21 44	1 7	20 7	0 37	22 5	0 20	2 31	0 44	21 53
T 3	3 55	28 2	4 44	9 51	0 11	12 19	1 6	21 47	1 5	20 7	0 37	22 5	0 20	2 30	0 44	21 53
W 4	4 18	27 14	5 9	10 32	0 19	12 3	1 0	21 51	1 3	20 6	0 37	22 5	0 20	2 28	0 44	21 54
T 5	4 41	24 40	5 15	11 12	0 26	11 47	0 55	21 54	1 1	20 6	0 37	22 4	0 20	2 27	0 44	21 54
F 6	5 4	20 33	5 1	11 52	0 33	11 31	0 50	21 57	1 0	20 6	0 37	22 4	0 20	2 26	0 44	21 54
S 7	5 27	15 16	4 29	12 31	0 41	11 14	0 44	22 0	0 58	20 5	0 37	22 4	0 19	2 24	0 44	21 54
S 8	5 49	9 12	3 41	13 9	0 48	10 56	0 39	22 3	0 56	20 5	0 37	22 4	0 19	2 23	0 44	21 54
M 9	6 12	2 44	2 39	13 46	0 56	10 39	0 34	22 6	0 54	20 5	0 37	22 4	0 19	2 21	0 44	21 54
T 10	6 35	3s45	1 30	14 22	1 3	10 21	0 29	22 10	0 52	20 4	0 37	22 4	0 19	2 20	0 44	21 54
W 11	6 57	9 58	0 16	14 58	1 10	10 2	0 24	22 12	0 50	20 4	0 37	22 4	0 19	2 18	0 44	21 54
T 12	7 19	15 35	0s57	15 33	1 17	9 43	0 19	22 15	0 48	20 3	0 37	22 4	0 19	2 17	0 44	21 54
F 13	7 42	20 23	2 5	16 7	1 25	9 24	0 14	22 18	0 46	20 2	0 37	22 4	0 19	2 16	0 44	21 54
S 14	8 4	24 9	3 5	16 40	1 32	9 5	0 9	22 21	0 44	20 2	0 37	22 3	0 19	2 14	0 44	21 54
S 15	8 26	26 42	3 56	17 12	1 38	8 45	0 4	22 24	0 42	20 1	0 37	22 3	0 19	2 13	0 44	21 55
M 16	8 48	27 57	4 35	17 44	1 45	8 25	0n 0	22 27	0 40	20 0	0 37	22 3	0 19	2 12	0 44	21 55
T 17	9 10	27 51	5 2	18 14	1 52	8 4	0 5	22 30	0 38	19 59	0 37	22 3	0 18	2 10	0 44	21 55
W 18	9 31	26 29	5 15	18 44	1 59	7 43	0 9	22 33	0 36	19 59	0 37	22 3	0 18	2 9	0 44	21 55
T 19	9 53	23 56	5 15	19 12	2 5	7 22	0 14	22 35	0 33	19 58	0 37	22 2	0 18	2 7	0 44	21 55
F 20	10 14	20 21	5 2	19 39	2 11	7 1	0 18	22 38	0 31	19 57	0 37	22 2	0 18	2 6	0 44	21 55
S 21	10 36	15 52	4 34	20 6	2 17	6 39	0 23	22 41	0 29	19 56	0 37	22 2	0 18	2 5	0 44	21 55
S 22	10 57	10 41	3 54	20 31	2 23	6 17	0 27	22 44	0 26	19 55	0 37	22 2	0 18	2 3	0 44	21 55
M 23	11 18	4 58	3 2	20 55	2 28	5 54	0 31	22 46	0 24	19 54	0 37	22 1	0 18	2 2	0 44	21 55
T 24	11 38	1n 6	1 59	21 18	2 33	5 32	0 35	22 49	0 21	19 53	0 37	22 1	0 18	2 1	0 44	21 55
W 25	11 59	7 17	0 49	21 40	2 38	5 9	0 39	22 52	0 19	19 52	0 37	22 1	0 18	2 0	0 44	21 56
T 26	12 19	13 17	0n26	22 1	2 43	4 46	0 43	22 55	0 16	19 50	0 37	22 0	0 17	1 58	0 44	21 56
F 27	12 40	18 45	1 41	22 20	2 47	4 23	0 46	22 57	0 14	19 49	0 37	22 0	0 17	1 57	0 44	21 56
S 28	13 0	23 18	2 51	22 39	2 51	3 59	0 50	23 0	0 11	19 48	0 37	22 0	0 17	1 56	0 44	21 56
S 29	13 20	26 29	3 51	22 55	2 54	3 35	0 54	23 3	0 8	19 47	0 37	21 59	0 17	1 55	0 44	21 56
M 30	13 39	27 59	4 37	23 11	2 57	3 11	0 57	23 6	0 6	19 45	0 37	21 59	0 17	1 53	0 45	21 56
T 31	13s59	27n36	5n 6	23s25	3s 0	2n47	1n 1	23n 8	0s 3	19s44	0s37	21s59	0n17	1n52	0n45	21s56

Julian Day Number = 2684477.5, Delta T = 22m44s

Ecliptic obliquity = 23°21'32, Nutation = - 0°00'09

Ayanamsha: Fagan/Bradley = 33°39'40, Lahiri = 32°46'40

# ASTRODIENST EPHEMERIS for the year 2637

NOVEMBER 2637

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 41 22	8♂31'30	29♂12	2♂49	26♂28	23°R13	4♂20	17♂15	27♂3	24♂58	20°R41	29°R28	28♂50	25♂52	8♂43	W 1
T 2	2 45 19	9°31'10	13♂24	3°39	27°37	23°II11	4°26	17°19	27°6	25°0	20°II40	29°D28	28°47	25°59	8°50	T 2
F 3	2 49 15	10°30'53	27°29	4°24	28°47	23°7	4°32	17°23	27°9	25°2	20°39	29°V28	28°44	26°6	8°57	F 3
S 4	2 53 12	11°30'37	11♂24	5°5	29°56	23°3	4°39	17°27	27°12	25°3	20°38	29°29	28°40	26°12	9°4	S 4
S 5	2 57 9	12°30'24	25°10	5°42	1♂6	22°58	4°45	17°31	27°15	25°5	20°38	29°30	28°37	26°19	9°11	S 5
M 6	3 1 5	13°30'13	8♂43	6°13	2°16	22°52	4°52	17°36	27°18	25°7	20°37	29°31	28°34	26°26	9°19	M 6
T 7	3 5 2	14°30'04	22°5	6°38	3°26	22°45	4°59	17°40	27°21	25°9	20°36	29°32	28°31	26°33	9°26	T 7
W 8	3 8 58	15°29'57	5♂13	6°56	4°37	22°37	5°6	17°44	27°24	25°11	20°35	29°R32	28°28	26°39	9°33	W 8
T 9	3 12 55	16°29'52	18°8	7°8	5°47	22°28	5°14	17°49	27°27	25°12	20°34	29°31	28°24	26°46	9°41	T 9
F 10	3 16 51	17°29'49	0♂49	7°R12	6°58	22°19	5°21	17°53	27°29	25°14	20°33	29°29	28°21	26°53	9°48	F 10
S 11	3 20 48	18°29'48	13°17	7°7	8°8	22°8	5°29	17°58	27°32	25°16	20°32	29°27	28°18	27°0	9°56	S 11
S 12	3 24 44	19°29'49	25°32	6°54	9°19	21°57	5°36	18°3	27°35	25°18	20°31	29°24	28°15	27°6	10°3	S 12
M13	3 28 41	20°29'51	7♂37	6°31	10°30	21°45	5°44	18°8	27°37	25°20	20°30	29°20	28°12	27°13	10°10	M13
T 14	3 32 38	21°29'55	19°34	5°59	11°41	21°32	5°52	18°12	27°40	25°22	20°29	29°17	28°9	27°20	10°18	T 14
W15	3 36 34	22°30'01	1♂27	5°17	12°52	21°18	6°1	18°17	27°43	25°24	20°28	29°14	28°5	27°26	10°25	W15
T 16	3 40 31	23°30'08	13°19	4°26	14°4	21°3	6°9	18°22	27°45	25°26	20°27	29°13	28°2	27°33	10°33	T 16
F 17	3 44 27	24°30'16	25°15	3°26	15°15	20°48	6°17	18°27	27°48	25°28	20°26	29°D12	27°59	27°40	10°41	F 17
S 18	3 48 24	25°30'26	7♂20	2°18	16°27	20°32	6°26	18°32	27°50	25°30	20°25	29°13	27°56	27°47	10°48	S 18
S 19	3 52 20	26°30'38	19°39	1°4	17°38	20°15	6°35	18°38	27°52	25°32	20°24	29°14	27°53	27°53	10°56	S 19
M20	3 56 17	27°30'51	2°V16	29♂46	18°50	19°58	6°43	18°43	27°55	25°34	20°23	29°16	27°50	28°0	11°3	M20
T 21	4 0 13	28°31'05	15°14	28°26	20°2	19°40	6°52	18°48	27°57	25°36	20°22	29°18	27°46	28°7	11°11	T 21
W22	4 4 10	29°31'21	28°37	27°7	21°14	19°21	7°1	18°54	27°59	25°38	20°21	29°R18	27°43	28°14	11°19	W22
T 23	4 8 7	0♂31'39	12♂25	25°51	22°26	19°2	7°11	18°59	28°2	25°40	20°20	29°18	27°40	28°20	11°26	T 23
F 24	4 12 3	1°31'58	26°35	24°41	23°38	18°42	7°20	19°4	28°4	25°42	20°19	29°15	27°37	28°27	11°34	F 24
S 25	4 16 0	2°32'19	11♂5	23°39	24°50	18°22	7°30	19°10	28°6	25°44	20°18	29°12	27°34	28°34	11°42	S 25
S 26	4 19 56	3°32'42	25°47	22°46	26°2	18°1	7°39	19°16	28°8	25°46	20°17	29°7	27°30	28°40	11°49	S 26
M27	4 23 53	4°33'06	10♂34	22°5	27°15	17°40	7°49	19°21	28°10	25°49	20°16	29°1	27°27	28°47	11°57	M27
T 28	4 27 49	5°33'32	25°19	21°34	28°27	17°19	7°59	19°27	28°12	25°51	20°15	28°56	27°24	28°54	12°5	T 28
W29	4 31 46	6°34'00	9♂54	21°16	29°40	16°57	8°9	19°33	28°14	25°53	20°14	28°52	27°21	29°1	12°12	W29
T 30	4 35 42	7♂34'29	24♂15	21°D 9	0♂52	16°II35	8♂19	19♂39	28♂16	25♂55	20°II12	28°V49	27°V18	29♂7	12♂20	T 30

Day	☉	☾	♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	14s18	25n24	5n16	23s37	3s 1	2n23	1n 4	23n11	0n 0	19s42	0s37	21s58	0n17	1n51	0n45	21s56	1n20	11n55	11s 9	11n15	11n 1	25s57	17s31	4n13					
T 2	14 37	21 39	5 7	23 48	3 3	1 58	1 7	23 14	0 3	19 41	0 37	21 58	0 17	1 50	0 45	21 56	1 20	11 55	11 9	11 15	11 0	25 56	17 32	4 13					
F 3	14 56	16 41	4 40	23 57	3 3	1 33	1 10	23 17	0 6	19 39	0 37	21 57	0 17	1 49	0 45	21 56	1 20	11 54	11 9	11 15	10 59	25 54	17 33	4 13					
S 4	15 14	10 54	3 56	24 4	3 3	1 9	1 13	23 19	0 9	19 38	0 37	21 57	0 17	1 47	0 45	21 57	1 20	11 54	11 9	11 15	10 58	25 53	17 34	4 13					
S 5	15 32	4 39	2 59	24 10	3 2	0 44	1 16	23 22	0 12	19 36	0 37	21 57	0 16	1 46	0 45	21 57	1 20	11 54	11 9	11 16	10 57	25 52	17 35	4 13					
M 6	15 50	1s43	1 53	24 13	3 0	0 18	1 19	23 25	0 15	19 34	0 37	21 56	0 16	1 45	0 45	21 57	1 19	11 54	11 9	11 16	10 56	25 51	17 36	4 13					
T 7	16 8	7 56	0 41	24 15	2 57	0s 7	1 22	23 27	0 18	19 33	0 37	21 56	0 16	1 44	0 45	21 57	1 19	11 54	11 9	11 16	10 55	25 49	17 37	4 13					
W 8	16 26	13 43	0s31	24 14	2 53	0 32	1 24	23 30	0 21	19 31	0 37	21 55	0 16	1 43	0 45	21 57	1 19	11 54	11 10	11 16	10 53	25 48	17 38	4 13					
T 9	16 43	18 47	1 41	24 10	2 47	0 58	1 27	23 32	0 24	19 29	0 37	21 55	0 16	1 42	0 45	21 57	1 19	11 53	11 10	11 16	10 52	25 47	17 39	4 13					
F 10	17 0	22 56	2 44	24 4	2 40	1 23	1 29	23 35	0 27	19 27	0 37	21 54	0 16	1 41	0 45	21 57	1 19	11 53	11 10	11 15	10 51	25 45	17 40	4 13					
S 11	17 16	25 55	3 38	23 56	2 32	1 49	1 31	23 38	0 30	19 26	0 37	21 54	0 16	1 40	0 45	21 57	1 19	11 53	11 10	11 14	10 50	25 44	17 41	4 13					
S 12	17 33	27 38	4 21	23 44	2 23	2 15	1 34	23 40	0 33	19 24	0 37	21 53	0 16	1 39	0 45	21 57	1 19	11 53	11 10	11 13	10 49	25 43	17 42	4 13					
M13	17 49	28 0	4 52	23 29	2 11	2 41	1 36	23 42	0 36	19 22	0 36	21 53	0 16	1 38	0 45	21 57	1 19	11 53	11 10	11 12	10 48	25 41	17 43	4 13					
T 14	18 5	27 2	5 10	23 11	1 59	3 6	1 38	23 45	0 40	19 20	0 36	21 52	0 16	1 37	0 45	21 58	1 19	11 53	11 10	11 11	10 47	25 40	17 44	4 13					
W15	18 20	24 52	5 14	22 49	1 44	3 32	1 40	23 47	0 43	19 18	0 36	21 51	0 16	1 36	0 45	21 58	1 19	11 52	11 10	11 10	10 46	25 39	17 45	4 14					
T 16	18 35	21 38	5 5	22 24	1 28	3 58	1 42	23 49	0 46	19 16	0 36	21 51	0 15	1 35	0 45	21 58	1 19	11 52	11 10	11 9	10 44	25 37	17 46	4 14					
F 17	18 50	17 29	4 42	21 55	1 10	4 24	1 43	23 52	0 49	19 14	0 36	21 50	0 15	1 34	0 45	21 58	1 19	11 52	11 10	11 9	10 43	25 36	17 47	4 14					
S 18	19 4	12 37	4 7	21 23	0 51	4 50	1 45	23 54	0 52	19 11	0 36	21 50	0 15	1 33	0 45	21 58	1 19	11 52	11 10	11 9	10 42	25 35	17 48	4 14					
S 19	19 19	7 9	3 20	20 49	0 32	5 16	1 46	23 56	0 56	19 9	0 36	21 49	0 15	1 32	0 45	21 58	1 19	11 52	11 10	11 10	10 41	25 33	17 49	4 14					
M20	19 32	1 17	2 23	20 13	0 11	5 41	1 48	23 58	0 59	19 7	0 36	21 48	0 15	1 31	0 45	21 58	1 19	11 52	11 11	11 11	10 40	25 32	17 50	4 14					
T 21	19 46	4n48	1 16	19 35	0n10	6 7	1 49	23 59	1 2	19 5	0 36	21 48	0 15	1 30	0 45	21 58	1 19	11 52	11 11	11 11	10 39	25 30	17 51	4 14					
W22	19 59	10 53	0 4	18 58	0 30	6 33	1 50	24 1	1 5	19 2	0 36	21 47	0 15	1 29	0 45	21 58	1 19	11 52	11 11	11 11	10 38	25 29	17 52	4 14					
T 23	20 12	16 38	1n11	18 21	0 49	6 58	1 52	24 3	1 9	19 0	0 36	21 47	0 15	1 28	0 45	21 58	1 19	11 51	11 11	11 11	10 37	25 28	17 53	4 14					
F 24	20 24	21 39	2 23	17 47	1 8	7 24	1 53	24 4	1 12	18 58	0 36	21 46	0 15	1 28	0 45	21 58	1 19	11 51	11 11	11 10	10 35	25 26	17 54	4 14					
S 25	20 36	25 28	3 28	17 15	1 25	7 49	1 54	24 6	1 15	18 55	0 36	21 45	0 15	1 27	0 45	21 59	1 19	11 51	11 11	11 9	10 34	25 25	17 55	4 14					
S 26	20 47	27 37	4 20	16 48	1 40	8 15	1 54	24 7	1 18	18 53	0 36	21 44	0 15	1 26	0 45	21 59	1 19	11 51	11 11	11 7	10 33	25 23	17 55	4 15					
M27	20 59	27 50	4 55	16 25	1 53	8 40	1 55	24 8	1 21	18 50	0 36	21 44	0 14	1 25	0 45	21 59	1 19	11 51	11 11	11 5	10 32	25 22	17 56	4 15					
T 28	21 10	26 5	5 10	16 6	2 4	9 5	1 56	24 9	1 24	18 48	0 36	21 43	0 14	1 25	0 45	21 59	1 19	11 51	11 11	11 4	10 31	25 21	17 57	4 15					
W29	21 20	22 36	5 5	15 53	2 13	9 30	1 56	24 10	1 28	18 45	0 36	21 42	0 14	1 24	0 45	21 59	1 19	11 51	11 11	11 2	10 30	25 19	17 58	4 15					
T 30	21s30	17n48	4n41	15s44	2n19	9s55	1n57	24n11	1n31	18s43	0s36	21s42	0n14	1n23	0n46	21s59	1n19	11n51	11s11	11n 1	10n29	25s18	17s59	4n15					

# ASTRODIENST EPHEMERIS for the year 2637

DECEMBER 2637

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4 39 39	8°35'01	8°18'18	21°13'13	21°5'5	16°R13	8°29'29	19°34'44	28°18'18	25°57'57	20°R11	28°D49	27°Y15	29°34'14	12°28'28	F 1
S 2	4 43 36	9°35'34	22°4'4	21°27'27	3°18'18	15°II50	8°39'39	19°50'50	28°20'20	25°59'59	20°II10	28°Y49	27°11'11	29°21'21	12°36'36	S 2
S 3	4 47 32	10°36'09	5°32'32	21°51'51	4°31'31	15°28'28	8°50'50	19°56'56	28°21'21	26°2'2	20°9'9	28°51'51	27°8'8	29°27'27	12°43'43	S 3
M 4	4 51 29	11°36'45	18°44'44	22°24'24	5°44'44	15°5'5	9°0'0	20°2'2	28°23'23	26°4'4	20°8'8	28°52'52	27°5'5	29°34'34	12°51'51	M 4
T 5	4 55 25	12°37'24	11°43'43	23°5'5	6°57'57	14°43'43	9°11'11	20°8'8	28°25'25	26°6'6	20°7'7	28°R52	27°2'2	29°41'41	12°59'59	T 5
W 6	4 59 22	13°38'03	14°29'29	23°52'52	8°10'10	14°20'20	9°22'22	20°15'15	28°26'26	26°8'8	20°6'6	28°51'51	26°59'59	29°48'48	13°7'7	W 6
T 7	5 3 18	14°38'45	27°4'4	24°46'46	9°23'23	13°58'58	9°33'33	20°21'21	28°28'28	26°10'10	20°5'5	28°47'47	26°56'56	29°54'54	13°14'14	T 7
F 8	5 7 15	15°39'28	9°29'29	25°45'45	10°36'36	13°36'36	9°43'43	20°27'27	28°29'29	26°13'13	20°3'3	28°41'41	26°52'52	0°1'1	13°22'22	F 8
S 9	5 11 11	16°40'12	21°45'45	26°49'49	11°50'50	13°13'13	9°55'55	20°33'33	28°31'31	26°15'15	20°2'2	28°33'33	26°49'49	0°8'8	13°30'30	S 9
S 10	5 15 8	17°40'57	3°35'35	27°56'56	13°3'3	12°52'52	10°6'6	20°39'39	28°32'32	26°17'17	20°1'1	28°24'24	26°46'46	0°15'15	13°37'37	S 10
M 11	5 19 5	18°41'44	15°53'53	29°7'7	14°16'16	12°30'30	10°17'17	20°46'46	28°33'33	26°19'19	20°0'0	28°14'14	26°43'43	0°21'21	13°45'45	M 11
T 12	5 23 1	19°42'31	27°48'48	0°22'22	15°30'30	12°9'9	10°28'28	20°52'52	28°35'35	26°22'22	19°59'59	28°4'4	26°40'40	0°28'28	13°53'53	T 12
W 13	5 26 58	20°43'20	9°39'39	1°39'39	16°43'43	11°48'48	10°40'40	20°59'59	28°36'36	26°24'24	19°58'58	27°55'55	26°36'36	0°35'35	14°1'1	W 13
T 14	5 30 54	21°44'10	21°29'29	2°58'58	17°57'57	11°28'28	10°51'51	21°5'5	28°37'37	26°26'26	19°57'57	27°48'48	26°33'33	0°41'41	14°8'8	T 14
F 15	5 34 51	22°45'00	3°23'23	4°19'19	19°11'11	11°8'8	11°3'3	21°12'12	28°38'38	26°28'28	19°55'55	27°44'44	26°30'30	0°48'48	14°16'16	F 15
S 16	5 38 47	23°45'51	15°24'24	5°41'41	20°24'24	10°49'49	11°15'15	21°18'18	28°39'39	26°31'31	19°54'54	27°41'41	26°27'27	0°55'55	14°24'24	S 16
S 17	5 42 44	24°46'43	27°38'38	7°5'5	21°38'38	10°30'30	11°26'26	21°25'25	28°40'40	26°33'33	19°53'53	27°D41	26°24'24	1°2'2	14°31'31	S 17
M 18	5 46 41	25°47'36	10°Y9	8°30'30	22°52'52	10°12'12	11°38'38	21°31'31	28°41'41	26°35'35	19°52'52	27°42'42	26°21'21	1°8'8	14°39'39	M 18
T 19	5 50 37	26°48'29	23°2'2	9°56'56	24°6'6	9°54'54	11°50'50	21°38'38	28°42'42	26°37'37	19°51'51	27°R42	26°17'17	1°15'15	14°46'46	T 19
W 20	5 54 34	27°49'24	6°22'22	11°23'23	25°19'19	9°37'37	12°2'2	21°45'45	28°43'43	26°40'40	19°50'50	27°42'42	26°14'14	1°22'22	14°54'54	W 20
T 21	5 58 30	28°50'18	20°11'11	12°51'51	26°33'33	9°21'21	12°14'14	21°51'51	28°44'44	26°42'42	19°49'49	27°40'40	26°11'11	1°29'29	15°2'2	T 21
F 22	6 2 27	29°51'14	4°II29	14°20'20	27°47'47	9°6'6	12°27'27	21°58'58	28°44'44	26°44'44	19°47'47	27°35'35	26°8'8	1°35'35	15°9'9	F 22
S 23	6 6 23	0°52'11	19°13'13	15°49'49	29°1'1	8°51'51	12°39'39	22°5'5	28°45'45	26°46'46	19°46'46	27°28'28	26°5'5	1°42'42	15°17'17	S 23
S 24	6 10 20	1°53'08	4°25'25	17°18'18	0°15'15	8°37'37	12°51'51	22°12'12	28°46'46	26°49'49	19°45'45	27°19'19	26°2'2	1°49'49	15°24'24	S 24
M 25	6 14 16	2°54'06	19°27'27	18°48'48	1°29'29	8°24'24	13°4'4	22°18'18	28°46'46	26°51'51	19°44'44	27°8'8	25°58'58	1°55'55	15°32'32	M 25
T 26	6 18 13	3°55'05	4°23'23	20°18'18	2°43'43	8°11'11	13°16'16	22°25'25	28°47'47	26°53'53	19°43'43	26°58'58	25°55'55	2°2'2	15°39'39	T 26
W 27	6 22 10	4°56'04	19°36'36	21°49'49	3°58'58	8°0'0	13°29'29	22°32'32	28°47'47	26°55'55	19°42'42	26°50'50	25°52'52	2°9'9	15°47'47	W 27
T 28	6 26 6	5°57'05	4°19'19	23°20'20	5°12'12	7°49'49	13°42'42	22°39'39	28°48'48	26°58'58	19°41'41	26°44'44	25°49'49	2°16'16	15°54'54	T 28
F 29	6 30 3	6°58'06	18°30'30	24°51'51	6°26'26	7°38'38	13°54'54	22°46'46	28°48'48	27°0'0	19°40'40	26°40'40	25°46'46	2°22'22	16°1'1	F 29
S 30	6 33 59	7°59'09	2°19'19	26°22'22	7°40'40	7°29'29	14°7'7	22°53'53	28°48'48	27°2'2	19°39'39	26°38'38	25°42'42	2°29'29	16°9'9	S 30
S 31	6 37 56	9°3'0'12	15°44'44	27°54'54	8°55'55	7°II21	14°20'20	23°3'3	28°48'48	27°4'4	19°II38	26°D38	25°Y39	2°36'36	16°16'16	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	21s40	12n 8	4n 0	15s40	2n25	10s19	1n57	24n12	1n33	18s40	0s36	21s41	0n14	1n22	0n46	21s59	1n19	11n51	11s11	11n 1	10n27	25s16	18s 0	4n15			
S 2	21 49	5 59	3 6	15 41	2 28	10 44	1 57	24 12	1 36	18 37	0 36	21 40	0 14	1 22	0 46	21 59	1 19	11 51	11 11	11 1	10 26	25 15	18 0	4 15			
S 3	21 58	0s18	2 3	15 45	2 30	11 8	1 58	24 13	1 39	18 35	0 36	21 39	0 14	1 21	0 46	21 59	1 19	11 50	11 11	11 2	10 25	25 13	18 1	4 16			
M 4	22 6	6 28	0 55	15 53	2 30	11 32	1 58	24 13	1 42	18 32	0 36	21 38	0 14	1 20	0 46	21 59	1 19	11 50	11 11	11 2	10 24	25 12	18 2	4 16			
T 5	22 14	12 16	0s15	16 4	2 29	11 56	1 58	24 13	1 45	18 29	0 36	21 38	0 14	1 20	0 46	21 59	1 19	11 50	11 11	11 2	10 23	25 10	18 3	4 16			
W 6	22 22	17 27	1 23	16 18	2 27	12 19	1 58	24 13	1 48	18 26	0 36	21 37	0 14	1 19	0 46	21 59	1 19	11 50	11 11	11 2	10 22	25 9	18 3	4 16			
T 7	22 29	21 48	2 26	16 34	2 24	12 43	1 57	24 13	1 50	18 23	0 36	21 36	0 14	1 19	0 46	22 0	1 19	11 50	11 11	11 0	10 21	25 7	18 4	4 16			
F 8	22 35	25 6	3 21	16 51	2 21	13 6	1 57	24 13	1 53	18 20	0 36	21 35	0 13	1 18	0 46	22 0	1 19	11 50	11 11	10 58	10 19	25 6	18 5	4 17			
S 9	22 42	27 11	4 6	17 10	2 16	13 29	1 57	24 13	1 55	18 17	0 36	21 34	0 13	1 18	0 46	22 0	1 19	11 50	11 11	10 56	10 18	25 4	18 6	4 17			
S 10	22 47	27 56	4 38	17 30	2 11	13 51	1 56	24 13	1 58	18 14	0 36	21 33	0 13	1 17	0 46	22 0	1 19	11 50	11 11	10 52	10 17	25 3	18 6	4 17			
M 11	22 53	27 21	4 59	17 51	2 6	14 13	1 56	24 12	2 0	18 11	0 36	21 33	0 13	1 17	0 46	22 0	1 19	11 50	11 11	10 49	10 16	25 1	18 7	4 17			
T 12	22 58	25 31	5 5	18 12	2 0	14 35	1 55	24 12	2 2	18 8	0 36	21 32	0 13	1 16	0 46	22 0	1 19	11 50	11 11	10 45	10 15	25 0	18 8	4 17			
W 13	23 2	22 35	4 59	18 34	1 53	14 57	1 54	24 11	2 4	18 5	0 36	21 31	0 13	1 16	0 46	22 0	1 19	11 50	11 11	10 42	10 14	24 58	18 8	4 18			
T 14	23 6	18 43	4 40	18 56	1 47	15 18	1 54	24 10	2 7	18 2	0 36	21 30	0 13	1 15	0 46	22 0	1 19	11 50	11 11	10 39	10 13	24 57	18 9	4 18			
F 15	23 10	14 6	4 9	19 18	1 40	15 39	1 53	24 10	2 9	17 59	0 36	21 29	0 13	1 15	0 46	22 0	1 19	11 50	11 11	10 38	10 11	24 55	18 10	4 18			
S 16	23 13	8 54	3 26	19 40	1 33	15 59	1 52	24 9	2 11	17 56	0 37	21 28	0 13	1 14	0 46	22 0	1 19	11 50	11 11	10 37	10 10	24 53	18 10	4 18			
S 17	23 15	3 17	2 34	20 1	1 25	16 20	1 51	24 8	2 13	17 53	0 37	21 27	0 13	1 14	0 46	22 0	1 19	11 50	11 11	10 37	10 9	24 52	18 11	4 19			
M 18	23 18	2n35	1 32	20 22	1 18	16 39	1 50	24 7	2 14	17 49	0 37	21 26	0 13	1 14	0 46	22 0	1 19	11 50	11 10	10 37	10 8	24 50	18 11	4 19			
T 19	23 19	8 32	0 25	20 42	1 11	16 59	1 49	24 6	2 16	17 46	0 37	21 25	0 13	1 13	0 46	22 0	1 19	11 50	11 10	10 37	10 7	24 49	18 12	4 19			
W 20	23 20	14 19	0n46	21 2	1 3	17 17	1 47	24 5	2 18	17 43	0 37	21 24	0 12	1 13	0 46	22 0	1 19	11 50	11 10	10 37	10 6	24 47	18 13	4 19			
T 21	23 21	19 36	1 57	21 21	0 55	17 36	1 46	24 4	2 19	17 39	0 37	21 23	0 12	1 13	0 46	22 1	1 19	11 50	11 10	10 36	10 5	24 45	18 13	4 20			
F 22	23 22	23 57	3 3	21 39	0 48	17 54	1 45	24 3	2 21	17 36	0 37	21 22	0 12	1 13	0 46	22 1	1 19	11 50	11 10	10 35	10 3	24 44	18 14	4 20			
S 23	23 21	26 53	3 58	21 56	0 40	18 12	1 43	24 3	2 22	17 32	0 37	21 21	0 12	1 12	0 46	22 1	1 19	11 50	11 10	10 32	10 2	24 42	18 14	4 20			
S 24	23 21	27 56	4 39	22 13	0 33	18 29	1 42	24 2	2 23	17 29	0 37	21 20	0 12	1 12	0 46	22 1	1 19	11 50	11 10	10 29	10 1	24 41	18 15	4 21			
M 25	23 20	26 54	5 0	22 28	0 25	18 45	1 40	24 1	2 25	17 25	0 37	21 19	0 12	1 12	0 47	22 1	1 19	11 50	11 10	10 25	10 0	24 39	18 15	4 21			
T 26	23 18	23 53	5 0	22 43	0 18	19 1	1 39	24 0	2 26	17 22	0 37	21 18	0 12	1 12	0 47	22 1	1 19	11 50	11 10	10 22	9 59	24 37	18 16	4 21			
W 27	23 16	19 18	4 39	22 56	0 10	19 17	1 37	23 59	2 27	17 18	0 37	21 17	0 12	1 12	0 47	22 1	1 19	11 50	11 10	10 19	9 58	24 36	18 16	4 21			
T 28	23 14	13 39	4 0	23 8	0 3	19 32	1 35	23 58	2 28	17 15	0 37	21 16	0 12	1 12	0 47	22 1	1 19	11 50	11 10	10 16	9 57	24 34	18 16	4 22			
F 29	23 11	7 25	3 8	23 20	0s 4	19 47	1 33	23 58	2 29	17 11	0 37	21 15	0 12	1 11	0 47	22 1	1 19	11 50	11 10	10 15	9 55	24 32	18 17	4 22			
S 30	23 7	1 0	2 5	23 30	0 11	20 1	1 31	23 57	2 30	17 7	0 37	21 14	0 12	1 11	0 47	22 1	1 19	11 50	11 9	10 14	9 54	24 31	18 17	4 22			
S 31	23s 3	5s17	0n58	23s39	0s18	20s14	1n29	23n56	2n31	17s 4	0s37	21s13	0n12	1n11	0n47	22s 1	1n19	11n50	11s 9	10n14	9n53	24s29	18s18	4n23			

## ASTRODIENST EPHEMERIS for the year 2638

JANUARY 2638

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	6 41 52	10°16'16"	28°47'28"	29°26'10"	10°09'07"	7°13'13"	14°33'33"	23°07'23"	28°49'28"	27°07'27"	19°37'19"	26°39'26"	25°36'25"	2°42'22"	16°23'16"	M 1
T 2	6 45 49	11°22'21"	11°32'32"	0°58'38"	11°23'33"	7°11'06"	14°46'26"	23°14'23"	28°49'28"	27°09'27"	19°35'19"	26°38'26"	25°33'25"	2°49'22"	16°31'16"	T 2
W 3	6 49 45	12°32'26"	24°03'24"	2°31'23"	12°38'33"	7°00'14"	14°59'29"	23°21'23"	28°49'28"	27°11'27"	19°34'19"	26°35'26"	25°30'25"	2°56'22"	16°38'16"	W 3
T 4	6 53 42	13°43'33"	6°23'43"	4°03'13"	13°52'52"	6°55'55"	15°12'12"	23°28'28"	28°49'28"	27°13'27"	19°33'19"	26°29'26"	25°27'25"	3°03'13"	16°45'16"	T 4
F 5	6 57 39	14°54'40"	18°34'53"	5°36'15"	15°07'57"	6°50'50"	15°25'25"	23°35'35"	28°49'28"	27°15'27"	19°32'19"	26°20'26"	25°23'25"	3°09'13"	16°52'16"	F 5
S 6	7 1 35	15°64'47"	0°38'38"	7°09'16"	16°21'21"	6°47'47"	15°38'38"	23°42'42"	28°49'28"	27°18'27"	19°31'19"	26°08'26"	25°20'25"	3°16'13"	16°59'16"	S 6
S 7	7 5 32	16°75'55"	12°38'38"	8°43'17"	17°36'36"	6°44'44"	15°52'52"	23°49'49"	28°48'28"	27°20'27"	19°30'19"	25°54'54"	25°17'17"	3°23'23"	17°06'06"	S 7
M 8	7 9 28	17°90'03"	24°33'33"	10°16'18"	18°50'50"	6°42'42"	16°05'05"	23°56'56"	28°48'28"	27°22'27"	19°29'19"	25°38'38"	25°14'14"	3°30'30"	17°13'13"	M 8
T 9	7 13 25	18°10'11"	6°25'25"	11°50'50"	20°05'05"	6°41'41"	16°18'18"	24°03'03"	28°48'28"	27°24'27"	19°28'19"	25°24'24"	25°11'11"	3°36'36"	17°20'20"	T 9
W10	7 17 21	19°11'19"	18°16'16"	13°25'25"	21°19'19"	6°40'40"	16°32'32"	24°10'10"	28°48'28"	27°26'27"	19°27'19"	25°10'10"	25°08'08"	3°43'43"	17°27'27"	W10
T 11	7 21 18	20°12'28"	0°18'18"	14°59'59"	22°34'34"	6°41'41"	16°45'45"	24°17'17"	28°47'47"	27°28'27"	19°26'19"	24°59'59"	25°04'04"	3°50'50"	17°34'34"	T 11
F 12	7 25 15	21°13'36"	12°02'02"	16°34'34"	23°48'48"	6°42'42"	16°59'59"	24°24'24"	28°47'47"	27°31'31"	19°25'19"	24°51'51"	25°01'01"	3°56'56"	17°41'41"	F 12
S 13	7 29 11	22°14'44"	24°03'03"	18°09'09"	25°03'03"	6°44'44"	17°13'13"	24°31'31"	28°46'46"	27°33'33"	19°24'19"	24°46'46"	24°58'58"	4°03'03"	17°48'48"	S 13
S 14	7 33 08	23°15'52"	6°14'14"	19°45'45"	26°18'18"	6°47'47"	17°26'26"	24°38'38"	28°46'46"	27°35'35"	19°24'19"	24°43'43"	24°55'55"	4°10'10"	17°55'55"	S 14
M15	7 37 04	24°17'00"	18°40'40"	21°21'21"	27°32'32"	6°50'50"	17°40'40"	24°45'45"	28°45'45"	27°37'37"	19°23'19"	24°43'43"	24°52'52"	4°17'17"	18°01'01"	M15
T 16	7 41 01	25°18'07"	1°27'27"	22°57'57"	28°47'47"	6°55'55"	17°54'54"	24°53'53"	28°44'44"	27°39'39"	19°22'19"	24°42'42"	24°48'48"	4°23'23"	18°08'08"	T 16
W17	7 44 57	26°19'15"	14°38'38"	24°33'33"	0°22'22"	7°00'00"	18°07'07"	25°00'00"	28°43'43"	27°41'41"	19°21'19"	24°42'42"	24°45'45"	4°30'30"	18°15'15"	W17
T 18	7 48 54	27°20'21"	28°18'18"	26°10'10"	1°16'16"	7°05'05"	18°21'21"	25°07'07"	28°43'43"	27°43'43"	19°20'19"	24°39'39"	24°42'42"	4°37'37"	18°21'21"	T 18
F 19	7 52 50	28°21'28"	12°18'18"	27°48'48"	2°31'31"	7°12'12"	18°35'35"	25°14'14"	28°42'42"	27°45'45"	19°19'19"	24°34'34"	24°39'39"	4°44'44"	18°28'28"	F 19
S 20	7 56 47	29°22'34"	27°07'07"	29°26'26"	3°46'46"	7°19'19"	18°49'49"	25°21'21"	28°41'41"	27°47'47"	19°18'18"	24°26'26"	24°36'36"	4°50'50"	18°34'34"	S 20
S 21	8 0 44	0°23'40"	12°11'11"	1°44'44"	5°01'01"	7°26'26"	19°03'03"	25°28'28"	28°40'40"	27°49'49"	19°17'17"	24°16'16"	24°33'33"	4°57'57"	18°41'41"	S 21
M22	8 4 40	1°24'45"	27°30'30"	2°43'43"	6°15'15"	7°35'35"	19°17'17"	25°35'35"	28°39'39"	27°51'51"	19°17'17"	24°04'04"	24°29'29"	5°04'04"	18°47'47"	M22
T 23	8 8 37	2°25'51"	12°15'15"	4°22'22"	7°30'30"	7°44'44"	19°31'31"	25°42'42"	28°38'38"	27°53'53"	19°16'16"	23°53'53"	24°26'26"	5°10'10"	18°53'53"	T 23
W24	8 12 33	3°26'55"	28°08'08"	6°02'02"	8°45'45"	7°53'53"	19°45'45"	25°49'49"	28°37'37"	27°55'55"	19°15'15"	23°43'43"	24°23'23"	5°17'17"	18°59'59"	W24
T 25	8 16 30	4°28'00"	13°11'11"	7°42'42"	10°00'00"	8°04'04"	19°59'59"	25°56'56"	28°36'36"	27°57'57"	19°14'14"	23°35'35"	24°20'20"	5°24'24"	19°06'06"	T 25
F 26	8 20 26	5°29'04"	27°35'35"	9°22'22"	11°15'15"	8°15'15"	20°13'13"	26°03'03"	28°35'35"	27°59'59"	19°13'13"	23°31'31"	24°17'17"	5°31'31"	19°12'12"	F 26
S 27	8 24 23	6°30'08"	11°15'15"	11°03'03"	12°29'29"	8°26'26"	20°27'27"	26°10'10"	28°33'33"	28°01'01"	19°13'13"	23°28'28"	24°14'14"	5°37'37"	19°18'18"	S 27
S 28	8 28 19	7°31'12"	25°10'10"	12°45'45"	13°44'44"	8°38'38"	20°41'41"	26°17'17"	28°32'32"	28°02'02"	19°12'12"	23°D28"	24°10'10"	5°44'44"	19°24'24"	S 28
M29	8 32 16	8°32'16"	8°11'11"	14°27'27"	14°59'59"	8°51'51"	20°55'55"	26°24'24"	28°31'31"	28°04'04"	19°11'11"	23°R28"	24°07'07"	5°51'51"	19°30'30"	M29
T 30	8 36 13	9°33'19"	21°01'01"	16°09'09"	16°14'14"	9°04'04"	21°09'09"	26°31'31"	28°29'29"	28°06'06"	19°11'11"	23°28'28"	24°04'04"	5°57'57"	19°36'36"	T 30
W31	8 40 09	10°34'23"	3°27'27"	17°55'55"	17°29'29"	9°11'11"	21°23'23"	26°38'38"	28°28'28"	28°08'08"	19°11'11"	23°Y25"	24°Y01"	6°55'55"	19°41'41"	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	22s59	11s11	0s11	23s46	0s25	20s27	1n27	23n56	2n32	17s00	0s37	21s12	0n12	1n11	0n47	22s10
T 2	22 54	16 29	1 18	23 53	0 32	20 40	1 25	23 55	2 32	16 56	0 37	21 11	0 12	1 11	0 47	22 11
W 3	22 49	20 59	2 20	23 58	0 38	20 51	1 23	23 55	2 33	16 52	0 37	21 10	0 11	1 11	0 47	22 12
T 4	22 43	24 29	3 13	24 2	0 45	21 3	1 21	23 55	2 33	16 49	0 37	21 8	0 11	1 11	0 47	22 13
F 5	22 37	26 49	3 58	24 5	0 51	21 13	1 19	23 55	2 34	16 45	0 37	21 7	0 11	1 11	0 47	22 14
S 6	22 30	27 52	4 31	24 7	0 57	21 23	1 17	23 54	2 35	16 41	0 37	21 6	0 11	1 12	0 47	22 15
S 7	22 23	27 36	4 51	24 7	1 3	21 33	1 14	23 54	2 35	16 37	0 37	21 5	0 11	1 12	0 47	22 16
M 8	22 16	26 3	4 59	24 6	1 8	21 42	1 12	23 54	2 35	16 33	0 37	21 4	0 11	1 12	0 47	22 17
T 9	22 8	23 21	4 54	24 4	1 14	21 50	1 10	23 54	2 36	16 29	0 37	21 3	0 11	1 12	0 47	22 18
W10	21 59	19 40	4 36	24 0	1 19	21 57	1 7	23 55	2 36	16 25	0 37	21 2	0 11	1 12	0 47	22 19
T 11	21 51	15 13	4 6	23 55	1 24	22 4	1 5	23 55	2 36	16 21	0 37	21 0	0 11	1 12	0 47	22 20
F 12	21 41	10 11	3 25	23 49	1 29	22 10	1 2	23 55	2 36	16 17	0 37	20 59	0 11	1 12	0 47	22 21
S 13	21 32	4 43	2 34	23 41	1 34	22 16	1 0	23 56	2 37	16 13	0 37	20 58	0 11	1 13	0 47	22 22
S 14	21 22	1n00	1 36	23 32	1 38	22 21	0 57	23 57	2 37	16 9	0 37	20 57	0 11	1 13	0 47	22 23
M15	21 11	6 48	0 32	23 21	1 42	22 25	0 55	23 57	2 37	16 5	0 37	20 56	0 11	1 13	0 47	22 24
T 16	21 0	12 29	0n36	23 9	1 46	22 29	0 52	23 58	2 37	16 1	0 37	20 55	0 11	1 14	0 47	22 25
W17	20 49	17 49	1 43	22 56	1 49	22 32	0 50	23 59	2 37	15 56	0 37	20 53	0 10	1 14	0 47	22 26
T 18	20 37	22 26	2 47	22 41	1 53	22 34	0 47	24 0	2 37	15 52	0 37	20 52	0 10	1 14	0 48	22 27
F 19	20 25	25 54	3 43	22 25	1 56	22 36	0 45	24 1	2 37	15 48	0 37	20 51	0 10	1 15	0 48	22 28
S 20	20 13	27 47	4 27	22 8	1 58	22 36	0 42	24 2	2 37	15 44	0 37	20 50	0 10	1 15	0 48	22 29
S 21	20 0	27 40	4 53	21 49	2 1	22 37	0 39	24 3	2 37	15 39	0 38	20 49	0 10	1 15	0 48	22 30
M22	19 47	25 29	4 59	21 28	2 2	22 36	0 37	24 4	2 36	15 35	0 38	20 47	0 10	1 16	0 48	22 31
T 23	19 33	21 26	4 44	21 7	2 4	22 35	0 34	24 6	2 36	15 31	0 38	20 46	0 10	1 16	0 48	22 32
W24	19 19	15 58	4 8	20 44	2 5	22 33	0 31	24 7	2 36	15 27	0 38	20 45	0 10	1 17	0 48	22 33
T 25	19 5	9 39	3 16	20 19	2 6	22 31	0 28	24 9	2 36	15 22	0 38	20 44	0 10	1 17	0 48	22 34
F 26	18 50	2 59	2 12	19 53	2 7	22 27	0 26	24 10	2 36	15 18	0 38	20 42	0 10	1 18	0 48	22 35
S 27	18 35	3s37	1 2	19 26	2 7	22 24	0 23	24 12	2 35	15 13	0 38	20 41	0 10	1 18	0 48	22 36
S 28	18 20	9 51	0s9	18 57	2 6	22 19	0 20	24 13	2 35	15 9	0 38	20 40	0 10	1 19	0 48	22 37
M29	18 4	15 27	1 18	18 27	2 5	22 14	0 18	24 15	2 35	15 5	0 38	20 39	0 10	1 19	0 48	22 38
T 30	17 48	20 12	2 20	17 55	2 4	22 8	0 15	24 17	2 34	15 0	0 38	20 37	0 10	1 20	0 48	22 39
W31	17s32	23s58	3s15	17s22	2s2	22s1	0n12	24n19	2n34	14s56	0s38	20s36	0n9	1n21	0n48	22s2

Julian Day Number = 2684569.5, Delta T = 22m45s

Ecliptic obliquity = 23°21'31", Nutation = - 0°00'07"

Ayanamsha: Fagan/Bradley = 33°39'52", Lahiri = 32°46'52"

## ASTRODIENST EPHEMERIS for the year 2638

FEBRUARY 2638

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 44 6	11 <sup>h</sup> 35'26"	15 <sup>h</sup> 40'	19 <sup>h</sup> 34'	18 <sup>h</sup> 34'	9 <sup>h</sup> 32'	21 <sup>h</sup> 37'	26 <sup>h</sup> 34'	28 <sup>h</sup> 26'	28 <sup>h</sup> 10'	19 <sup>h</sup> 9'	23 <sup>h</sup> 20'	23 <sup>h</sup> 58'	6 <sup>h</sup> 11'	19 <sup>h</sup> 47'	T 1
F 2	8 48 2	12 <sup>h</sup> 36'28"	27 <sup>h</sup> 43'	21 <sup>h</sup> 18'	19 <sup>h</sup> 59'	9 <sup>h</sup> 46'	21 <sup>h</sup> 52'	26 <sup>h</sup> 52'	28 <sup>h</sup> 25'	28 <sup>h</sup> 11'	19 <sup>h</sup> 9'	23 <sup>h</sup> 12'	23 <sup>h</sup> 54'	6 <sup>h</sup> 18'	19 <sup>h</sup> 53'	F 2
S 3	8 51 59	13 <sup>h</sup> 37'30"	9 <sup>h</sup> 39'	23 <sup>h</sup> 1'	21 <sup>h</sup> 13'	10 <sup>h</sup> 2'	22 <sup>h</sup> 6'	26 <sup>h</sup> 59'	28 <sup>h</sup> 23'	28 <sup>h</sup> 13'	19 <sup>h</sup> 8'	23 <sup>h</sup> 2'	23 <sup>h</sup> 51'	6 <sup>h</sup> 24'	19 <sup>h</sup> 58'	S 3
S 4	8 55 55	14 <sup>h</sup> 38'32"	21 <sup>h</sup> 33'	24 <sup>h</sup> 44'	22 <sup>h</sup> 28'	10 <sup>h</sup> 17'	22 <sup>h</sup> 20'	27 <sup>h</sup> 6'	28 <sup>h</sup> 22'	28 <sup>h</sup> 15'	19 <sup>h</sup> 7'	22 <sup>h</sup> 49'	23 <sup>h</sup> 48'	6 <sup>h</sup> 31'	20 <sup>h</sup> 4'	S 4
M 5	8 59 52	15 <sup>h</sup> 39'33"	3 <sup>h</sup> 25'	26 <sup>h</sup> 28'	23 <sup>h</sup> 43'	10 <sup>h</sup> 34'	22 <sup>h</sup> 34'	27 <sup>h</sup> 13'	28 <sup>h</sup> 20'	28 <sup>h</sup> 17'	19 <sup>h</sup> 7'	22 <sup>h</sup> 36'	23 <sup>h</sup> 45'	6 <sup>h</sup> 38'	20 <sup>h</sup> 9'	M 5
T 6	9 3 48	16 <sup>h</sup> 40'33"	15 <sup>h</sup> 16'	28 <sup>h</sup> 11'	24 <sup>h</sup> 58'	10 <sup>h</sup> 50'	22 <sup>h</sup> 49'	27 <sup>h</sup> 20'	28 <sup>h</sup> 18'	28 <sup>h</sup> 18'	19 <sup>h</sup> 6'	22 <sup>h</sup> 22'	23 <sup>h</sup> 42'	6 <sup>h</sup> 44'	20 <sup>h</sup> 15'	T 6
W 7	9 7 45	17 <sup>h</sup> 41'32"	27 <sup>h</sup> 10'	29 <sup>h</sup> 53'	26 <sup>h</sup> 13'	11 <sup>h</sup> 8'	23 <sup>h</sup> 3'	27 <sup>h</sup> 26'	28 <sup>h</sup> 16'	28 <sup>h</sup> 20'	19 <sup>h</sup> 6'	22 <sup>h</sup> 10'	23 <sup>h</sup> 39'	6 <sup>h</sup> 51'	20 <sup>h</sup> 20'	W 7
T 8	9 11 42	18 <sup>h</sup> 42'31"	9 <sup>h</sup> 6'	1 <sup>h</sup> 36'	27 <sup>h</sup> 28'	11 <sup>h</sup> 25'	23 <sup>h</sup> 17'	27 <sup>h</sup> 33'	28 <sup>h</sup> 15'	28 <sup>h</sup> 21'	19 <sup>h</sup> 5'	22 <sup>h</sup> 0'	23 <sup>h</sup> 35'	6 <sup>h</sup> 58'	20 <sup>h</sup> 25'	T 8
F 9	9 15 38	19 <sup>h</sup> 43'28"	21 <sup>h</sup> 6'	3 <sup>h</sup> 17'	28 <sup>h</sup> 43'	11 <sup>h</sup> 43'	23 <sup>h</sup> 32'	27 <sup>h</sup> 40'	28 <sup>h</sup> 13'	28 <sup>h</sup> 23'	19 <sup>h</sup> 5'	21 <sup>h</sup> 53'	23 <sup>h</sup> 32'	7 <sup>h</sup> 5'	20 <sup>h</sup> 31'	F 9
S 10	9 19 35	20 <sup>h</sup> 44'24"	3 <sup>h</sup> 13'	4 <sup>h</sup> 57'	29 <sup>h</sup> 58'	12 <sup>h</sup> 2'	23 <sup>h</sup> 46'	27 <sup>h</sup> 47'	28 <sup>h</sup> 11'	28 <sup>h</sup> 25'	19 <sup>h</sup> 4'	21 <sup>h</sup> 48'	23 <sup>h</sup> 29'	7 <sup>h</sup> 11'	20 <sup>h</sup> 36'	S 10
S 11	9 23 31	21 <sup>h</sup> 45'19"	15 <sup>h</sup> 30'	6 <sup>h</sup> 36'	1 <sup>h</sup> 13'	12 <sup>h</sup> 21'	24 <sup>h</sup> 0'	27 <sup>h</sup> 53'	28 <sup>h</sup> 9'	28 <sup>h</sup> 26'	19 <sup>h</sup> 4'	21 <sup>h</sup> 46'	23 <sup>h</sup> 26'	7 <sup>h</sup> 18'	20 <sup>h</sup> 41'	S 11
M 12	9 27 28	22 <sup>h</sup> 46'13"	27 <sup>h</sup> 59'	8 <sup>h</sup> 14'	2 <sup>h</sup> 28'	12 <sup>h</sup> 40'	24 <sup>h</sup> 14'	28 <sup>h</sup> 0'	28 <sup>h</sup> 7'	28 <sup>h</sup> 28'	19 <sup>h</sup> 3'	21 <sup>h</sup> 46'	23 <sup>h</sup> 23'	7 <sup>h</sup> 25'	20 <sup>h</sup> 46'	M 12
T 13	9 31 24	23 <sup>h</sup> 47'06"	10 <sup>h</sup> 34'	9 <sup>h</sup> 48'	3 <sup>h</sup> 43'	13 <sup>h</sup> 0'	24 <sup>h</sup> 29'	28 <sup>h</sup> 7'	28 <sup>h</sup> 5'	28 <sup>h</sup> 29'	19 <sup>h</sup> 3'	21 <sup>h</sup> 47'	23 <sup>h</sup> 19'	7 <sup>h</sup> 32'	20 <sup>h</sup> 50'	T 13
W 14	9 35 21	24 <sup>h</sup> 47'57"	23 <sup>h</sup> 51'	11 <sup>h</sup> 21'	4 <sup>h</sup> 58'	13 <sup>h</sup> 20'	24 <sup>h</sup> 43'	28 <sup>h</sup> 13'	28 <sup>h</sup> 3'	28 <sup>h</sup> 31'	19 <sup>h</sup> 3'	21 <sup>h</sup> 48'	23 <sup>h</sup> 16'	7 <sup>h</sup> 38'	20 <sup>h</sup> 55'	W 14
T 15	9 39 17	25 <sup>h</sup> 48'48"	7 <sup>h</sup> 21'	12 <sup>h</sup> 50'	6 <sup>h</sup> 13'	13 <sup>h</sup> 40'	24 <sup>h</sup> 57'	28 <sup>h</sup> 20'	28 <sup>h</sup> 1'	28 <sup>h</sup> 32'	19 <sup>h</sup> 2'	21 <sup>h</sup> 47'	23 <sup>h</sup> 13'	7 <sup>h</sup> 45'	21 <sup>h</sup> 0'	T 15
F 16	9 43 14	26 <sup>h</sup> 49'36"	21 <sup>h</sup> 18'	14 <sup>h</sup> 15'	7 <sup>h</sup> 27'	14 <sup>h</sup> 1'	25 <sup>h</sup> 12'	28 <sup>h</sup> 27'	27 <sup>h</sup> 59'	28 <sup>h</sup> 33'	19 <sup>h</sup> 2'	21 <sup>h</sup> 44'	23 <sup>h</sup> 10'	7 <sup>h</sup> 52'	21 <sup>h</sup> 4'	F 16
S 17	9 47 11	27 <sup>h</sup> 50'24"	5 <sup>h</sup> 42'	15 <sup>h</sup> 35'	8 <sup>h</sup> 42'	14 <sup>h</sup> 22'	25 <sup>h</sup> 26'	28 <sup>h</sup> 33'	27 <sup>h</sup> 57'	28 <sup>h</sup> 35'	19 <sup>h</sup> 2'	21 <sup>h</sup> 40'	23 <sup>h</sup> 7'	7 <sup>h</sup> 58'	21 <sup>h</sup> 9'	S 17
S 18	9 51 7	28 <sup>h</sup> 51'10"	20 <sup>h</sup> 30'	16 <sup>h</sup> 51'	9 <sup>h</sup> 57'	14 <sup>h</sup> 44'	25 <sup>h</sup> 40'	28 <sup>h</sup> 40'	27 <sup>h</sup> 55'	28 <sup>h</sup> 36'	19 <sup>h</sup> 1'	21 <sup>h</sup> 33'	23 <sup>h</sup> 4'	8 <sup>h</sup> 5'	21 <sup>h</sup> 13'	S 18
M 19	9 55 4	29 <sup>h</sup> 51'54"	5 <sup>h</sup> 42'	18 <sup>h</sup> 0'	11 <sup>h</sup> 12'	15 <sup>h</sup> 6'	25 <sup>h</sup> 55'	28 <sup>h</sup> 46'	27 <sup>h</sup> 52'	28 <sup>h</sup> 37'	19 <sup>h</sup> 1'	21 <sup>h</sup> 25'	23 <sup>h</sup> 0'	8 <sup>h</sup> 12'	21 <sup>h</sup> 18'	M 19
T 20	9 59 0	0 <sup>h</sup> 52'37"	20 <sup>h</sup> 50'	19 <sup>h</sup> 3'	12 <sup>h</sup> 27'	15 <sup>h</sup> 28'	26 <sup>h</sup> 9'	28 <sup>h</sup> 52'	27 <sup>h</sup> 50'	28 <sup>h</sup> 39'	19 <sup>h</sup> 1'	21 <sup>h</sup> 17'	22 <sup>h</sup> 57'	8 <sup>h</sup> 19'	21 <sup>h</sup> 22'	T 20
W 21	10 2 57	1 <sup>h</sup> 53'19"	6 <sup>h</sup> 3'	19 <sup>h</sup> 59'	13 <sup>h</sup> 42'	15 <sup>h</sup> 51'	26 <sup>h</sup> 23'	28 <sup>h</sup> 59'	27 <sup>h</sup> 48'	28 <sup>h</sup> 40'	19 <sup>h</sup> 0'	21 <sup>h</sup> 9'	22 <sup>h</sup> 54'	8 <sup>h</sup> 25'	21 <sup>h</sup> 26'	W 21
T 22	10 6 53	2 <sup>h</sup> 53'59"	21 <sup>h</sup> 3'	20 <sup>h</sup> 46'	14 <sup>h</sup> 57'	16 <sup>h</sup> 14'	26 <sup>h</sup> 38'	29 <sup>h</sup> 5'	27 <sup>h</sup> 46'	28 <sup>h</sup> 41'	19 <sup>h</sup> 0'	21 <sup>h</sup> 4'	22 <sup>h</sup> 51'	8 <sup>h</sup> 32'	21 <sup>h</sup> 30'	T 22
F 23	10 10 50	3 <sup>h</sup> 54'38"	5 <sup>h</sup> 42'	21 <sup>h</sup> 24'	16 <sup>h</sup> 12'	16 <sup>h</sup> 37'	26 <sup>h</sup> 52'	29 <sup>h</sup> 11'	27 <sup>h</sup> 43'	28 <sup>h</sup> 42'	19 <sup>h</sup> 0'	21 <sup>h</sup> 1'	22 <sup>h</sup> 48'	8 <sup>h</sup> 39'	21 <sup>h</sup> 34'	F 23
S 24	10 14 46	4 <sup>h</sup> 55'16"	19 <sup>h</sup> 55'	21 <sup>h</sup> 53'	17 <sup>h</sup> 27'	17 <sup>h</sup> 0'	27 <sup>h</sup> 6'	29 <sup>h</sup> 17'	27 <sup>h</sup> 41'	28 <sup>h</sup> 44'	19 <sup>h</sup> 0'	21 <sup>h</sup> 0'	22 <sup>h</sup> 45'	8 <sup>h</sup> 45'	21 <sup>h</sup> 38'	S 24
S 25	10 18 43	5 <sup>h</sup> 55'53"	3 <sup>h</sup> 39'	22 <sup>h</sup> 12'	18 <sup>h</sup> 42'	17 <sup>h</sup> 24'	27 <sup>h</sup> 20'	29 <sup>h</sup> 24'	27 <sup>h</sup> 39'	28 <sup>h</sup> 45'	19 <sup>h</sup> 0'	21 <sup>h</sup> 0'	22 <sup>h</sup> 41'	8 <sup>h</sup> 52'	21 <sup>h</sup> 42'	S 25
M 26	10 22 40	6 <sup>h</sup> 56'29"	16 <sup>h</sup> 55'	22 <sup>h</sup> 21'	19 <sup>h</sup> 57'	17 <sup>h</sup> 48'	27 <sup>h</sup> 35'	29 <sup>h</sup> 30'	27 <sup>h</sup> 36'	28 <sup>h</sup> 46'	18 <sup>h</sup> 59'	21 <sup>h</sup> 2'	22 <sup>h</sup> 38'	8 <sup>h</sup> 59'	21 <sup>h</sup> 46'	M 26
T 27	10 26 36	7 <sup>h</sup> 57'03"	29 <sup>h</sup> 46'	22 <sup>h</sup> 19'	21 <sup>h</sup> 11'	18 <sup>h</sup> 13'	27 <sup>h</sup> 49'	29 <sup>h</sup> 36'	27 <sup>h</sup> 34'	28 <sup>h</sup> 47'	18 <sup>h</sup> 59'	21 <sup>h</sup> 3'	22 <sup>h</sup> 35'	9 <sup>h</sup> 6'	21 <sup>h</sup> 49'	T 27
W 28	10 30 33	8 <sup>h</sup> 57'37"	12 <sup>h</sup> 15'	22 <sup>h</sup> 7'	22 <sup>h</sup> 26'	18 <sup>h</sup> 37'	28 <sup>h</sup> 3'	29 <sup>h</sup> 34'	27 <sup>h</sup> 31'	28 <sup>h</sup> 48'	18 <sup>h</sup> 59'	21 <sup>h</sup> 0'	22 <sup>h</sup> 32'	9 <sup>h</sup> 12'	21 <sup>h</sup> 53'	W 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	17s15	26s33	3s59	16s48	2s 0	21s54	0n 9	24n20	2n34	14s51	0s38	20s35	0n 9	1n21	0n48	22s 2
F 2	16 58	27 53	4 32	16 12	1 57	21 46	0 7	24 22	2 33	14 47	0 38	20 34	0 9	1 22	0 48	22 2
S 3	16 41	27 53	4 53	15 35	1 54	21 38	0 4	24 24	2 33	14 42	0 38	20 32	0 9	1 23	0 48	22 2
S 4	16 23	26 36	5 1	14 57	1 49	21 28	0 1	24 26	2 33	14 37	0 38	20 31	0 9	1 23	0 48	22 2
M 5	16 5	24 7	4 56	14 18	1 45	21 18	0s 1	24 28	2 32	14 33	0 38	20 30	0 9	1 24	0 48	22 2
T 6	15 47	20 38	4 38	13 37	1 39	21 8	0 4	24 30	2 32	14 28	0 38	20 29	0 9	1 25	0 48	22 2
W 7	15 29	16 18	4 8	12 56	1 34	20 57	0 7	24 32	2 31	14 24	0 39	20 27	0 9	1 25	0 48	22 2
T 8	15 10	11 19	3 27	12 13	1 27	20 45	0 9	24 34	2 31	14 19	0 39	20 26	0 9	1 26	0 48	22 2
F 9	14 51	5 54	2 36	11 30	1 19	20 33	0 12	24 36	2 31	14 14	0 39	20 25	0 9	1 27	0 48	22 2
S 10	14 32	0 13	1 37	10 46	1 11	20 20	0 15	24 38	2 30	14 10	0 39	20 24	0 9	1 28	0 48	22 2
S 11	14 12	5n34	0 34	10 2	1 2	20 6	0 17	24 40	2 30	14 5	0 39	20 22	0 9	1 28	0 48	22 2
M 12	13 53	11 14	0n33	9 16	0 53	19 52	0 20	24 42	2 29	14 0	0 39	20 21	0 9	1 29	0 48	22 2
T 13	13 33	16 34	1 40	8 31	0 42	19 37	0 22	24 44	2 29	13 56	0 39	20 20	0 9	1 30	0 48	22 2
W 14	13 13	21 18	2 43	7 46	0 31	19 22	0 25	24 47	2 28	13 51	0 39	20 18	0 9	1 31	0 48	22 2
T 15	12 52	25 4	3 39	7 1	0 19	19 6	0 27	24 49	2 28	13 46	0 39	20 17	0 8	1 32	0 48	22 2
F 16	12 32	27 28	4 24	6 17	0 7	18 49	0 29	24 51	2 27	13 42	0 39	20 16	0 8	1 33	0 48	22 2
S 17	12 11	28 8	4 54	5 34	0n 7	18 32	0 32	24 53	2 27	13 37	0 39	20 15	0 8	1 33	0 48	22 2
S 18	11 50	26 50	5 6	4 51	0 21	18 15	0 34	24 55	2 26	13 32	0 39	20 13	0 8	1 34	0 48	22 2
M 19	11 29	23 36	4 57	4 11	0 35	17 57	0 37	24 57	2 26	13 27	0 39	20 12	0 8	1 35	0 49	22 2
T 20	11 8	18 43	4 27	3 33	0 50	17 38	0 39	24 59	2 25	13 23	0 39	20 11	0 8	1 36	0 49	22 2
W 21	10 46	12 38	3 38	2 57	1 6	17 19	0 41	25 1	2 25	13 18	0 40	20 10	0 8	1 37	0 49	22 2
T 22	10 24	5 54	2 34	2 24	1 22	16 59	0 43	25 2	2 24	13 13	0 40	20 9	0 8	1 38	0 49	22 2
F 23	10 3	1s 1	1 22	1 54	1 38	16 39	0 45	25 4	2 24	13 8	0 40	20 7	0 8	1 39	0 49	22 2
S 24	9 40	7 40	0 6	1 28	1 54	16 19	0 48	25 6	2 23	13 4	0 40	20 6	0 8	1 40	0 49	22 2
S 25	9 18	13 45	1s 8	1 6	2 9	15 58	0 50	25 8	2 23	12 59	0 40	20 5	0 8	1 41	0 49	22 1
M 26	8 56	19 0	2 15	0 49	2 24	15 36	0 52	25 10	2 22	12 54	0 40	20 4	0 8	1 42	0 49	22 1
T 27	8 34	23 11	3 14	0 36	2 39	15 14	0 54	25 11	2 22	12 49	0 40	20 2	0 8	1 43	0 49	22 1
W 28	8s11	26s11	4s 2	0s28	2n52	14s52	0s56	25n13	2n21	12s44	0s40	20s 1	0n 8	1n44	0n49	22s 1

Julian Day Number = 2684600.5, Delta T = 22m45s

Ecliptic obliquity = 23°21'31", Nutation = - 0°00'06"

## ASTRODIENST EPHEMERIS for the year 2638

MARCH 2638

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 34 29	9 <sup>h</sup> 58'09"	24 <sup>h</sup> 29'	21°R45	23 <sup>h</sup> 41'	19 <sup>h</sup> 22'	28 <sup>h</sup> 17'	29 <sup>h</sup> 48'	27°R29	28 <sup>h</sup> 49'	18°R59	21°R 2	22 <sup>h</sup> 29'	9 <sup>h</sup> 19'	21 <sup>h</sup> 57'	T 1
F 2	10 38 26	10°58'40"	6 <sup>h</sup> 31'	21 <sup>h</sup> 13'	24°56'	19°27'	28°31'	29°54'	27 <sup>h</sup> 26'	28°50'	18 <sup>h</sup> 59'	20 <sup>h</sup> 59'	22°25'	9°26'	22° 0'	F 2
S 3	10 42 22	11°59'10"	18°25'	20°33'	26°11'	19°53'	28°46'	29°59'	27°24'	28°51'	18°59'	20°54'	22°22'	9°32'	22° 3'	S 3
S 4	10 46 19	12°59'38"	0 <sup>h</sup> 16'	19°44'	27°26'	20°18'	29° 0'	0 <sup>h</sup> 6'	27°21'	28°52'	18°D59	20°48'	22°19'	9°39'	22° 6'	S 4
M 5	10 50 15	14° 0'05"	12° 7'	18°50'	28°41'	20°44'	29°14'	0°11'	27°19'	28°53'	18°59'	20°41'	22°16'	9°46'	22° 9'	M 5
T 6	10 54 12	15° 0'31"	24° 1'	17°50'	29°56'	21°10'	29°28'	0°17'	27°16'	28°54'	18°59'	20°33'	22°13'	9°53'	22°12'	T 6
W 7	10 58 9	16° 0'55"	5 <sup>h</sup> 58'	16°47'	1 <sup>h</sup> 11'	21°37'	29°42'	0°23'	27°14'	28°55'	18°59'	20°27'	22°10'	9°59'	22°15'	W 7
T 8	11 2 5	17° 1'17"	18° 2'	15°42'	2°26'	22° 3'	29°56'	0°28'	27°11'	28°55'	18°59'	20°22'	22° 6'	10° 6'	22°18'	T 8
F 9	11 6 2	18° 1'38"	0 <sup>h</sup> 14'	14°37'	3°40'	22°30'	0 <sup>h</sup> 10'	0°34'	27° 9'	28°56'	18°59'	20°18'	22° 3'	10°13'	22°21'	F 9
S 10	11 9 58	19° 1'57"	12°34'	13°34'	4°55'	22°57'	0°24'	0°39'	27° 6'	28°57'	19° 0'	20°17'	22° 0'	10°19'	22°23'	S 10
S 11	11 13 55	20° 2'14"	25° 4'	12°33'	6°10'	23°24'	0°38'	0°45'	27° 3'	28°58'	19° 0'	20°D16	21°57'	10°26'	22°26'	S 11
M12	11 17 51	21° 2'29"	7 <sup>h</sup> 46'	11°36'	7°25'	23°52'	0°52'	0°50'	27° 1'	28°58'	19° 0'	20°17'	21°54'	10°33'	22°28'	M12
T 13	11 21 48	22° 2'43"	20°43'	10°45'	8°40'	24°19'	1° 6'	0°56'	26°58'	28°59'	19° 0'	20°19'	21°51'	10°40'	22°31'	T 13
W14	11 25 44	23° 2'54"	3 <sup>h</sup> 55'	9°59'	9°55'	24°47'	1°20'	1° 1'	26°56'	29° 0'	19° 0'	20°21'	21°47'	10°46'	22°33'	W14
T 15	11 29 41	24° 3'03"	17°26'	9°19'	11°10'	25°15'	1°33'	1° 6'	26°53'	29° 0'	19° 0'	20°22'	21°44'	10°53'	22°35'	T 15
F 16	11 33 38	25° 3'11"	1 <sup>h</sup> 16'	8°46'	12°24'	25°43'	1°47'	1°11'	26°50'	29° 1'	19° 1'	20°R22	21°41'	11° 0'	22°37'	F 16
S 17	11 37 34	26° 3'16"	15°25'	8°19'	13°39'	26°12'	2° 1'	1°16'	26°48'	29° 1'	19° 1'	20°20'	21°38'	11° 6'	22°39'	S 17
S 18	11 41 31	27° 3'19"	29°53'	8° 0'	14°54'	26°40'	2°15'	1°21'	26°45'	29° 2'	19° 1'	20°18'	21°35'	11°13'	22°41'	S 18
M19	11 45 27	28° 3'20"	14 <sup>h</sup> 35'	7°47'	16° 9'	27° 9'	2°28'	1°26'	26°43'	29° 2'	19° 2'	20°15'	21°31'	11°20'	22°42'	M19
T 20	11 49 24	29° 3'19"	29°25'	7°D41	17°24'	27°38'	2°42'	1°31'	26°40'	29° 2'	19° 2'	20°12'	21°28'	11°27'	22°44'	T 20
W21	11 53 20	0 <sup>h</sup> 17'	14 <sup>h</sup> 17'	7°42'	18°38'	28° 7'	2°55'	1°36'	26°37'	29° 3'	19° 2'	20°10'	21°25'	11°33'	22°45'	W21
T 22	11 57 17	1° 3'10"	29° 2'	7°48'	19°53'	28°36'	3° 9'	1°41'	26°35'	29° 3'	19° 3'	20° 8'	21°22'	11°40'	22°47'	T 22
F 23	12 1 13	2° 3'03"	13 <sup>h</sup> 43'	8° 0'	21° 8'	29° 6'	3°22'	1°45'	26°32'	29° 3'	19° 3'	20°D 7	21°19'	11°47'	22°48'	F 23
S 24	12 5 10	3° 2'54"	27°43'	8°18'	22°22'	29°35'	3°36'	1°50'	26°29'	29° 4'	19° 4'	20° 7'	21°16'	11°53'	22°49'	S 24
S 25	12 9 6	4° 2'43"	11 <sup>h</sup> 30'	8°41'	23°37'	0 <sup>h</sup> 5'	3°49'	1°54'	26°27'	29° 4'	19° 4'	20° 8'	21°12'	12° 0'	22°50'	S 25
M26	12 13 3	5° 2'31"	24°51'	9° 9'	24°52'	0°34'	4° 3'	1°59'	26°24'	29° 4'	19° 4'	20° 9'	21° 9'	12° 7'	22°51'	M26
T 27	12 17 0	6° 2'17"	7 <sup>h</sup> 49'	9°41'	26° 7'	1° 4'	4°16'	2° 3'	26°22'	29° 4'	19° 5'	20°10'	21° 6'	12°14'	22°52'	T 27
W28	12 20 56	7° 2'01"	20°25'	10°18'	27°21'	1°34'	4°29'	2° 7'	26°19'	29° 5'	19° 5'	20°11'	21° 3'	12°20'	22°53'	W28
T 29	12 24 53	8° 1'44"	2 <sup>h</sup> 43'	10°59'	28°36'	2° 5'	4°42'	2°12'	26°17'	29° 5'	19° 6'	20°R12	21° 0'	12°27'	22°53'	T 29
F 30	12 28 49	9° 1'24"	14°48'	11°43'	29°51'	2°35'	4°55'	2°16'	26°14'	29° 5'	19° 7'	20°12'	20°57'	12°34'	22°54'	F 30
S 31	12 32 46	10 <sup>h</sup> 1'04"	26 <sup>h</sup> 44'	12 <sup>h</sup> 31'	1 <sup>h</sup> 5'	3 <sup>h</sup> 6'	5 <sup>h</sup> 8'	2 <sup>h</sup> 20'	26 <sup>h</sup> 11'	29 <sup>h</sup> 5'	19 <sup>h</sup> 7'	20 <sup>h</sup> 11'	20 <sup>h</sup> 53'	12 <sup>h</sup> 40'	22 <sup>h</sup> 54'	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	7s48	27s52	4s37	0s26	3n 5	14s29	0s57	25n14	2n20	12s40	0s40	20s 0	0n 8	1n45	0n49	22s 1
F 2	7 26	28 11	5 0	0 28	3 16	14 6	0 59	25 16	2 20	12 35	0 40	19 59	0 7	1 46	0 49	22 1
S 3	7 3	27 12	5 9	0 36	3 25	13 42	1 1	25 17	2 19	12 30	0 40	19 58	0 7	1 47	0 49	22 1
S 4	6 40	25 0	5 5	0 48	3 32	13 18	1 3	25 19	2 19	12 25	0 41	19 57	0 7	1 48	0 49	22 1
M 5	6 16	21 43	4 48	1 4	3 37	12 54	1 5	25 20	2 18	12 20	0 41	19 55	0 7	1 49	0 49	22 1
T 6	5 53	17 33	4 19	1 25	3 40	12 29	1 6	25 21	2 18	12 15	0 41	19 54	0 7	1 50	0 49	22 1
W 7	5 30	12 40	3 38	1 48	3 41	12 5	1 8	25 23	2 17	12 11	0 41	19 53	0 7	1 51	0 49	22 1
T 8	5 7	7 16	2 47	2 15	3 39	11 39	1 9	25 24	2 17	12 6	0 41	19 52	0 7	1 52	0 49	22 1
F 9	4 43	1 33	1 47	2 43	3 36	11 14	1 11	25 25	2 16	12 1	0 41	19 51	0 7	1 53	0 49	22 1
S 10	4 20	4n18	0 42	3 13	3 30	10 48	1 12	25 26	2 15	11 56	0 41	19 50	0 7	1 54	0 49	22 1
S 11	3 56	10 5	0n26	3 43	3 22	10 21	1 13	25 26	2 15	11 51	0 41	19 49	0 7	1 55	0 49	22 1
M12	3 32	15 33	1 34	4 13	3 13	9 55	1 15	25 27	2 14	11 47	0 41	19 48	0 7	1 56	0 49	22 1
T 13	3 9	20 26	2 39	4 42	3 2	9 28	1 16	25 28	2 14	11 42	0 42	19 46	0 7	1 57	0 49	22 1
W14	2 45	24 25	3 37	5 10	2 50	9 1	1 17	25 29	2 13	11 37	0 42	19 45	0 7	1 58	0 49	22 1
T 15	2 21	27 9	4 24	5 37	2 38	8 34	1 18	25 29	2 13	11 32	0 42	19 44	0 7	1 59	0 49	22 1
F 16	1 58	28 18	4 57	6 2	2 24	8 6	1 19	25 29	2 12	11 27	0 42	19 43	0 7	2 0	0 49	22 1
S 17	1 34	27 39	5 13	6 24	2 10	7 39	1 20	25 30	2 12	11 23	0 42	19 42	0 7	2 1	0 49	22 1
S 18	1 10	25 9	5 10	6 45	1 56	7 11	1 21	25 30	2 11	11 18	0 42	19 41	0 6	2 2	0 49	22 1
M19	0 46	20 58	4 46	7 3	1 41	6 43	1 22	25 30	2 10	11 13	0 42	19 40	0 6	2 3	0 49	22 1
T 20	0 22	15 26	4 4	7 19	1 27	6 14	1 23	25 30	2 10	11 8	0 42	19 39	0 6	2 4	0 49	22 1
W21	0n 1	9 0	3 5	7 32	1 13	5 46	1 24	25 30	2 9	11 3	0 42	19 38	0 6	2 5	0 49	22 1
T 22	0 25	2 7	1 54	7 43	0 58	5 17	1 24	25 30	2 9	10 59	0 43	19 37	0 6	2 6	0 49	22 1
F 23	0 49	4s46	0 36	7 51	0 44	4 48	1 25	25 29	2 8	10 54	0 43	19 36	0 6	2 7	0 49	22 1
S 24	1 12	11 17	0s42	7 57	0 31	4 20	1 25	25 29	2 8	10 49	0 43	19 35	0 6	2 8	0 49	22 1
S 25	1 36	17 4	1 55	8 1	0 18	3 50	1 26	25 29	2 7	10 45	0 43	19 34	0 6	2 9	0 49	22 1
M26	2 0	21 50	3 0	8 2	0 5	3 21	1 26	25 28	2 6	10 40	0 43	19 33	0 6	2 10	0 49	22 1
T 27	2 23	25 23	3 54	8 2	0s 8	2 52	1 27	25 27	2 6	10 35	0 43	19 33	0 6	2 11	0 49	22 1
W28	2 47	27 35	4 35	7 59	0 19	2 23	1 27	25 26	2 5	10 30	0 43	19 32	0 6	2 12	0 49	22 0
T 29	3 10	28 22	5 2	7 54	0 31	1 53	1 27	25 25	2 5	10 26	0 44	19 31	0 6	2 13	0 49	22 0
F 30	3 34	27 45	5 15	7 47	0 42	1 24	1 27	25 24	2 4	10 21	0 44	19 30	0 6	2 14	0 49	22 0
S 31	3n57	25s53	5s14	7s39	0s52	0s54	1s27	25n23	2n 4	10s17	0s44	19s29	0n 6	2n15	0n49	22s 0

Julian Day Number = 2684628.5, Delta T = 22m46s

Ecliptic obliquity = 23°21'32", Nutation = - 0°00'05"

Ayanamsha: Fagan/Bradley = 33°40'01", Lahiri = 32°47'01"

# ASTRODIENST EPHEMERIS for the year 2638

APRIL 2638

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 36 42	11°04'11"	8°36'36"	13°22'13"	2°20'20"	3°36'36"	5°21'21"	2°24'24"	26°09'09"	29°05'05"	19°08'08"	20°10'10"	20°05'05"	12°47'47"	22°55'55"	S 1
M 2	12 40 39	12°01'17"	20°27'27"	14°17'17"	3°35'35"	4°07'07"	5°34'34"	2°28'28"	26°06'06"	29°05'05"	19°08'08"	20°10'10"	20°04'04"	12°54'54"	22°55'55"	M 2
T 3	12 44 36	12°05'50"	2°23'23"	15°14'14"	4°49'49"	4°38'38"	5°47'47"	2°31'31"	26°04'04"	29°05'05"	19°08'08"	20°10'10"	20°08'08"	13°01'01"	22°55'55"	T 3
W 4	12 48 32	13°59'22"	14°25'25"	16°15'15"	6°04'04"	5°09'09"	6°00'00"	2°35'35"	26°01'01"	29°05'05"	19°10'10"	20°07'07"	20°41'41"	13°07'07"	22°55'55"	W 4
T 5	12 52 29	14°58'52"	26°38'38"	17°18'18"	7°18'18"	5°40'40"	6°13'13"	2°39'39"	25°59'59"	29°04'04"	19°10'10"	20°07'07"	20°37'37"	13°14'14"	22°55'55"	T 5
F 6	12 56 25	15°58'20"	9°02'02"	18°23'23"	8°33'33"	6°11'11"	6°25'25"	2°42'42"	25°57'57"	29°04'04"	19°11'11"	20°06'06"	20°34'34"	13°21'21"	22°55'55"	F 6
S 7	13 0 22	16°57'46"	21°39'39"	19°31'31"	9°48'48"	6°42'42"	6°38'38"	2°46'46"	25°54'54"	29°04'04"	19°12'12"	20°06'06"	20°31'31"	13°27'27"	22°55'55"	S 7
S 8	13 4 18	17°57'11"	4°39'39"	20°41'41"	11°02'02"	7°14'14"	6°51'51"	2°49'49"	25°52'52"	29°04'04"	19°12'12"	20°06'06"	20°28'28"	13°34'34"	22°54'54"	S 8
M 9	13 8 15	18°56'33"	17°33'33"	21°53'53"	12°17'17"	7°45'45"	7°03'03"	2°52'52"	25°49'49"	29°04'04"	19°13'13"	20°06'06"	20°25'25"	13°41'41"	22°54'54"	M 9
T 10	13 12 11	19°55'53"	0°11'11"	23°07'07"	13°31'31"	8°17'17"	7°15'15"	2°56'56"	25°47'47"	29°03'03"	19°14'14"	20°06'06"	20°22'22"	13°48'48"	22°53'53"	T 10
W 11	13 16 8	20°55'10"	14°22'22"	24°23'23"	14°46'46"	8°49'49"	7°28'28"	2°59'59"	25°45'45"	29°03'03"	19°15'15"	20°06'06"	20°18'18"	13°54'54"	22°53'53"	W 11
T 12	13 20 4	21°54'26"	28°05'05"	25°41'41"	16°00'00"	9°20'20"	7°40'40"	3°02'02"	25°42'42"	29°03'03"	19°15'15"	20°06'06"	20°15'15"	14°01'01"	22°52'52"	T 12
F 13	13 24 1	22°53'39"	12°00'00"	27°01'01"	17°15'15"	9°52'52"	7°52'52"	3°05'05"	25°40'40"	29°02'02"	19°16'16"	20°06'06"	20°12'12"	14°08'08"	22°51'51"	F 13
S 14	13 27 58	23°52'50"	26°06'06"	28°23'23"	18°29'29"	10°24'24"	8°04'04"	3°08'08"	25°38'38"	29°02'02"	19°17'17"	20°06'06"	20°09'09"	14°14'14"	22°50'50"	S 14
S 15	13 31 54	24°51'59"	10°20'20"	29°46'46"	19°44'44"	10°56'56"	8°16'16"	3°10'10"	25°36'36"	29°01'01"	19°18'18"	20°06'06"	20°06'06"	14°21'21"	22°49'49"	S 15
M 16	13 35 51	25°51'05"	24°41'41"	1°01'01"	20°58'58"	11°29'29"	8°28'28"	3°13'13"	25°34'34"	29°01'01"	19°19'19"	20°07'07"	20°03'03"	14°28'28"	22°48'48"	M 16
T 17	13 39 47	26°50'09"	9°09'09"	2°38'38"	22°13'13"	12°01'01"	8°40'40"	3°16'16"	25°31'31"	29°00'00"	19°20'20"	20°07'07"	19°59'59"	14°35'59"	22°46'46"	T 17
W 18	13 43 44	27°49'11"	23°28'28"	4°07'07"	23°27'27"	12°33'33"	8°52'52"	3°18'18"	25°29'29"	29°00'00"	19°21'21"	20°08'08"	19°56'56"	14°41'41"	22°45'45"	W 18
T 19	13 47 40	28°48'10"	7°45'45"	5°37'37"	24°41'41"	13°06'06"	9°03'03"	3°21'21"	25°27'27"	28°59'59"	19°22'22"	20°08'08"	19°53'53"	14°48'48"	22°44'44"	T 19
F 20	13 51 37	29°47'08"	21°53'53"	7°09'09"	25°56'56"	13°38'38"	9°15'15"	3°23'23"	25°25'25"	28°59'59"	19°22'22"	20°08'08"	19°50'50"	14°55'55"	22°42'42"	F 20
S 21	13 55 33	0°46'03"	5°14'47"	8°42'42"	27°10'10"	14°11'11"	9°26'26"	3°25'25"	25°23'23"	28°58'58"	19°23'23"	20°08'08"	19°47'47"	15°01'01"	22°40'40"	S 21
S 22	13 59 30	1°44'56"	19°23'23"	10°17'17"	28°24'24"	14°44'44"	9°38'38"	3°27'27"	25°21'21"	28°57'57"	19°24'24"	20°07'07"	19°43'43"	15°08'08"	22°39'39"	S 22
M 23	14 3 27	2°43'48"	2°47'47"	11°54'54"	29°39'39"	15°16'16"	9°49'49"	3°29'29"	25°19'19"	28°57'57"	19°25'25"	20°06'06"	19°40'40"	15°15'15"	22°37'37"	M 23
T 24	14 7 23	3°42'38"	15°37'37"	13°32'32"	0°53'53"	15°49'49"	10°00'00"	3°31'31"	25°17'17"	28°56'56"	19°26'26"	20°04'04"	19°37'37"	15°22'22"	22°35'35"	T 24
W 25	14 11 20	4°41'26"	28°15'15"	15°11'11"	2°07'07"	16°22'22"	10°12'12"	3°33'33"	25°16'16"	28°55'55"	19°27'27"	20°02'02"	19°34'34"	15°28'28"	22°33'33"	W 25
T 26	14 15 16	5°40'12"	10°36'36"	16°53'53"	3°22'22"	16°55'55"	10°23'23"	3°35'35"	25°14'14"	28°54'54"	19°28'28"	20°00'00"	19°31'31"	15°35'35"	22°31'31"	T 26
F 27	14 19 13	6°38'57"	22°43'43"	18°35'35"	4°36'36"	17°28'28"	10°34'34"	3°37'37"	25°12'12"	28°54'54"	19°29'29"	19°59'59"	19°28'28"	15°42'42"	22°29'29"	F 27
S 28	14 23 9	7°37'39"	4°41'41"	20°20'20"	5°50'50"	18°01'01"	10°44'44"	3°38'38"	25°10'10"	28°53'53"	19°31'31"	19°58'58"	19°24'24"	15°48'48"	22°26'26"	S 28
S 29	14 27 6	8°36'21"	16°34'34"	22°06'06"	7°05'05"	18°34'34"	10°55'55"	3°40'40"	25°09'09"	28°52'52"	19°32'32"	19°58'58"	19°21'21"	15°55'55"	22°24'24"	S 29
M 30	14 31 2	9°35'00"	28°26'26"	23°05'05"	8°19'19"	19°08'08"	11°06'06"	3°41'41"	25°07'07"	28°51'51"	19°33'33"	19°59'59"	19°18'18"	16°02'02"	22°21'21"	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	4n21	22s53	5s 0	7s28	1s 2	0s25	1s27	25n22	2n 3	10s12	0s44	19s28	0n 6	2n16	0n49	22s 0
M 2	4 44	18 56	4 33	7 16	1 11	0n 5	1 27	25 20	2 3	10 7	0 44	19 27	0 5	2 17	0 49	22 0
T 3	5 7	14 14	3 55	7 2	1 20	0 34	1 27	25 19	2 2	10 3	0 44	19 27	0 5	2 18	0 49	22 0
W 4	5 30	8 57	3 5	6 46	1 29	1 4	1 27	25 17	2 1	9 58	0 44	19 26	0 5	2 19	0 49	22 0
T 5	5 53	3 16	2 6	6 29	1 37	1 34	1 27	25 15	2 1	9 54	0 45	19 25	0 5	2 20	0 49	22 0
F 6	6 16	2n38	1 1	6 10	1 41	2 3	1 27	25 13	2 0	9 49	0 45	19 24	0 5	2 21	0 49	22 0
S 7	6 39	8 32	0n 9	5 50	1 51	2 33	1 26	25 11	2 0	9 45	0 45	19 24	0 5	2 22	0 49	22 0
S 8	7 1	14 13	1 19	5 29	1 57	3 2	1 26	25 9	1 59	9 40	0 45	19 23	0 5	2 23	0 49	22 0
M 9	7 24	19 21	2 26	5 6	2 3	3 32	1 25	25 6	1 59	9 36	0 45	19 22	0 5	2 24	0 49	22 0
T 10	7 46	23 38	3 27	4 41	2 8	4 1	1 25	25 4	1 58	9 31	0 45	19 22	0 5	2 25	0 49	22 0
W 11	8 8	26 42	4 18	4 16	2 13	4 30	1 24	25 1	1 57	9 27	0 45	19 21	0 5	2 26	0 49	22 0
T 12	8 30	28 15	4 54	3 49	2 17	5 0	1 23	24 59	1 57	9 22	0 46	19 20	0 5	2 27	0 48	22 0
F 13	8 52	28 2	5 14	3 20	2 21	5 29	1 23	24 56	1 56	9 18	0 46	19 20	0 5	2 27	0 48	22 0
S 14	9 14	26 1	5 15	2 51	2 24	5 58	1 22	24 53	1 56	9 14	0 46	19 19	0 5	2 28	0 48	22 0
S 15	9 36	22 22	4 57	2 21	2 27	6 26	1 21	24 49	1 55	9 9	0 46	19 18	0 5	2 29	0 48	22 0
M 16	9 57	17 21	4 21	1 49	2 29	6 55	1 20	24 46	1 55	9 5	0 46	19 18	0 4	2 30	0 48	22 0
T 17	10 19	11 21	3 28	1 16	2 31	7 24	1 19	24 43	1 54	9 1	0 46	19 17	0 4	2 31	0 48	22 0
W 18	10 40	4 46	2 23	0 42	2 33	7 52	1 18	24 39	1 54	8 56	0 47	19 17	0 4	2 32	0 48	22 0
T 19	11 1	2s 1	1 8	0 7	2 33	8 20	1 17	24 36	1 53	8 52	0 47	19 16	0 4	2 32	0 48	22 0
F 20	11 22	8 39	0s10	0n28	2 34	8 48	1 16	24 32	1 53	8 48	0 47	19 16	0 4	2 33	0 48	22 0
S 21	11 42	14 45	1 26	1 5	2 33	9 16	1 15	24 28	1 52	8 44	0 47	19 16	0 4	2 34	0 48	22 0
S 22	12 3	20 0	2 35	1 43	2 33	9 44	1 13	24 24	1 51	8 40	0 47	19 15	0 4	2 35	0 48	21 59
M 23	12 23	24 7	3 34	2 22	2 31	10 11	1 12	24 19	1 51	8 36	0 48	19 15	0 4	2 35	0 48	21 59
T 24	12 43	26 54	4 21	3 1	2 30	10 38	1 11	24 15	1 50	8 32	0 48	19 14	0 4	2 36	0 48	21 59
W 25	13 2	28 14	4 53	3 42	2 27	11 5	1 9	24 11	1 50	8 28	0 48	19 14	0 4	2 37	0 48	21 59
T 26	13 22	28 7	5 11	4 23	2 25	11 32	1 8	24 6	1 49	8 24	0 48	19 14	0 4	2 38	0 48	21 59
F 27	13 41	26 38	5 15	5 5	2 21	11 58	1 6	24 1	1 49	8 20	0 48	19 13	0 4	2 38	0 48	21 59
S 28	14 1	23 58	5 5	5 47	2 18	12 24	1 5	23 56	1 48	8 16	0 48	19 13	0 4	2 39	0 48	21 59
S 29	14 19	20 18	4 42	6 31	2 13	12 50	1 3	23 51	1 48	8 12	0 49	19 13	0 4	2 40	0 48	21 59
M 30	14n38	15s51	4s 7	7n15	2s 9	13n16	1s 1	23n46	1n47	8s 8	0s49	19s12	0n 3	2n40	0n48	21s59

Julian Day Number = 2684659.5, Delta T = 22m46s  
Ecliptic obliquity = 23°21'32", Nutation = - 0°00'06"  
Ayanamsha: Fagan/Bradley = 33°40'05", Lahiri = 32°47'05"

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 34 59	10833'38	10823	25743	9833	19841	11816	3842	25°R 5	28°R50	19834	2071	19715	1688	22°R19	T 1	
W 2	14 38 56	11°32'14	22°29	27°34	10°47	20°14	11°27	3°43	2574	28°49	19°35	20° 2	19°12	16°15	22°16	W 2	
T 3	14 42 52	12°30'48	4747	29°26	12° 1	20°48	11°37	3°44	25° 2	28°48	19°36	20° 4	19° 8	16°22	22°14	T 3	
F 4	14 46 49	13°29'21	17°22	1821	13°16	21°21	11°47	3°45	25° 1	28°47	19°37	20°R 4	19° 5	16°29	22°11	F 4	
S 5	14 50 45	14°27'52	0814	3°16	14°30	21°55	11°57	3°46	24°59	28°46	19°38	20° 4	19° 2	16°35	22° 8	S 5	
S 6	14 54 42	15°26'21	13°24	5°14	15°44	22°29	12° 7	3°47	24°58	28°45	19°39	20° 3	18°59	16°42	22° 5	S 6	
M 7	14 58 38	16°24'48	26°53	7°13	16°58	23° 2	12°17	3°48	24°57	28°44	19°41	20° 0	18°56	16°49	22° 2	M 7	
T 8	15 2 35	17°23'14	10837	9°13	18°12	23°36	12°27	3°48	24°55	28°43	19°42	19°56	18°53	16°55	21°59	T 8	
W 9	15 6 31	18°21'38	24°35	11°16	19°26	24°10	12°37	3°49	24°54	28°42	19°43	19°52	18°49	17° 2	21°56	W 9	
T 10	15 10 28	19°20'00	8842	13°19	20°40	24°44	12°46	3°49	24°53	28°41	19°44	19°48	18°46	17° 9	21°53	T 10	
F 11	15 14 25	20°18'19	22°54	15°24	21°55	25°18	12°56	3°50	24°52	28°39	19°45	19°44	18°43	17°16	21°49	F 11	
S 12	15 18 21	21°16'37	788	17°30	23° 9	25°52	13° 5	3°50	24°51	28°38	19°47	19°42	18°40	17°22	21°46	S 12	
S 13	15 22 18	22°14'53	21°21	19°38	24°23	26°26	13°14	3°R50	24°50	28°37	19°48	19°D41	18°37	17°29	21°43	S 13	
M14	15 26 14	23°13'06	5731	21°46	25°37	27° 0	13°23	3°50	24°49	28°36	19°49	19°42	18°34	17°36	21°39	M14	
T 15	15 30 11	24°11'18	19°36	23°55	26°51	27°34	13°32	3°50	24°48	28°35	19°50	19°43	18°30	17°42	21°36	T 15	
W16	15 34 7	25° 9'27	3834	26° 5	28° 5	28° 9	13°41	3°50	24°47	28°33	19°52	19°45	18°27	17°49	21°32	W16	
T 17	15 38 4	26° 7'34	17°24	28°15	29°19	28°43	13°50	3°49	24°46	28°32	19°53	19°R45	18°24	17°56	21°29	T 17	
F 18	15 42 0	27° 5'40	188	5	0825	0833	29°17	13°58	3°49	24°45	28°31	19°54	19°45	18°21	18° 2	21°25	F 18
S 19	15 45 57	28° 3'44	14°34	2°35	1°47	29°52	14° 6	3°48	24°44	28°29	19°55	19°43	18°18	18° 9	21°21	S 19	
S 20	15 49 54	29° 1'46	27°51	4°45	3° 1	0826	14°15	3°48	24°44	28°28	19°57	19°39	18°14	18°16	21°17	S 20	
M21	15 53 50	29°59'47	10853	6°54	4°15	1° 0	14°23	3°47	24°43	28°27	19°58	19°33	18°11	18°23	21°14	M21	
T 22	15 57 47	0857'46	23°41	9° 2	5°28	1°35	14°31	3°46	24°42	28°25	19°59	19°26	18° 8	18°29	21°10	T 22	
W23	16 1 43	1°55'44	6813	11° 9	6°42	2°10	14°39	3°45	24°42	28°24	20° 1	19°18	18° 5	18°36	21° 6	W23	
T 24	16 5 40	2°53'41	18°31	13°14	7°56	2°44	14°46	3°44	24°41	28°23	20° 2	19°11	18° 2	18°43	21° 2	T 24	
F 25	16 9 36	3°51'36	0837	15°18	9°10	3°19	14°54	3°43	24°41	28°21	20° 3	19° 5	17°59	18°49	20°58	F 25	
S 26	16 13 33	4°49'29	12°35	17°19	10°24	3°53	15° 1	3°42	24°41	28°20	20° 5	19° 1	17°55	18°56	20°54	S 26	
S 27	16 17 30	5°47'22	24°27	19°18	11°38	4°28	15° 9	3°41	24°40	28°18	20° 6	18°58	17°52	19° 3	20°50	S 27	
M28	16 21 26	6°45'13	6819	21°15	12°52	5° 3	15°16	3°40	24°40	28°17	20° 7	18°D57	17°49	19°10	20°46	M28	
T29	16 25 23	7°43'03	18°19	23° 9	14° 6	5°38	15°23	3°38	24°40	28°15	20° 9	18°58	17°46	19°16	20°42	T 29	
W30	16 29 19	8°40'52	0821	25° 0	15°19	6°13	15°30	3°37	24°39	28°14	20°10	18°59	17°43	19°23	20°37	W30	
T 31	16 33 16	9838'40	12742	26849	16833	6847	15836	3835	24839	28812	20811	198R 0	17740	198830	208833	T 31	

Day	☉	☾		♀		♂		♄		♅		♆		♇		♁		♂	♂	♂	♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	14n56	10s46	3s22	7n59	2s 3	13n41	1 s 0	23n41	1n47	8s 4	0s49	19s12	0n 3	2n41	0n48	21s59	1n22	12n17	10s42	7n48	7n31	20s19	17s33
W 2	15 15	5 13	2 26	8 44	1 58	14 6	0 58	23 35	1 46	8 0	0 49	19 12	0 3	2 41	0 48	21 59	1 22	12 17	10 41	7 49	7 29	20 17	17 32
T 3	15 32	0n37	1 23	9 30	1 51	14 30	0 56	23 30	1 45	7 57	0 49	19 12	0 3	2 42	0 48	21 59	1 22	12 18	10 41	7 49	7 28	20 15	17 31
F 4	15 50	6 34	0 15	10 16	1 45	14 54	0 54	23 24	1 44	7 53	0 50	19 12	0 3	2 42	0 48	21 59	1 22	12 18	10 41	7 49	7 27	20 12	17 31
S 5	16 7	12 23	0n56	11 2	1 38	15 18	0 53	23 18	1 45	7 49	0 50	19 12	0 3	2 43	0 48	21 59	1 22	12 18	10 41	7 49	7 26	20 10	17 30
S 6	16 25	17 47	2 5	11 48	1 30	15 41	0 51	23 12	1 44	7 46	0 50	19 11	0 3	2 44	0 48	21 59	1 22	12 19	10 41	7 49	7 25	20 7	17 29
M 7	16 41	22 27	3 8	12 35	1 22	16 4	0 49	23 6	1 43	7 42	0 50	19 11	0 3	2 44	0 48	21 59	1 22	12 19	10 41	7 48	7 23	20 5	17 29
T 8	16 58	25 58	4 2	13 22	1 13	16 27	0 47	23 0	1 43	7 39	0 50	19 11	0 3	2 44	0 48	21 59	1 22	12 19	10 40	7 46	7 22	20 2	17 28
W 9	17 14	27 57	4 43	14 8	1 5	16 49	0 45	22 53	1 42	7 35	0 51	19 11	0 3	2 45	0 48	21 59	1 22	12 19	10 40	7 45	7 21	20 0	17 27
T 10	17 30	28 10	5 7	14 54	0 55	17 11	0 43	22 47	1 42	7 32	0 51	19 11	0 3	2 45	0 48	21 59	1 22	12 19	10 40	7 43	7 20	19 57	17 26
F 11	17 46	26 33	5 12	15 40	0 46	17 32	0 40	22 40	1 41	7 28	0 51	19 11	0 3	2 46	0 48	21 59	1 22	12 20	10 40	7 42	7 19	19 55	17 26
S 12	18 1	23 14	4 58	16 25	0 36	17 53	0 38	22 33	1 41	7 25	0 51	19 11	0 3	2 46	0 48	21 59	1 22	12 20	10 40	7 41	7 17	19 52	17 25
S 13	18 16	18 32	4 26	17 10	0 26	18 13	0 36	22 26	1 40	7 22	0 51	19 11	0 3	2 47	0 48	21 59	1 22	12 20	10 40	7 41	7 16	19 50	17 24
M14	18 31	12 50	3 38	17 54	0 15	18 33	0 34	22 19	1 40	7 18	0 52	19 11	0 2	2 47	0 47	21 59	1 22	12 20	10 40	7 41	7 15	19 48	17 24
T 15	18 45	6 31	2 37	18 36	0 5	18 52	0 32	22 12	1 39	7 15	0 52	19 12	0 2	2 47	0 47	21 59	1 22	12 21	10 39	7 41	7 14	19 45	17 23
W16	18 59	0s 5	1 27	19 18	0n 6	19 11	0 30	22 4	1 39	7 12	0 52	19 12	0 2	2 48	0 47	21 59	1 22	12 21	10 39	7 42	7 13	19 43	17 22
T 17	19 13	6 37	0 13	19 58	0 16	19 29	0 27	21 57	1 38	7 9	0 52	19 12	0 2	2 48	0 47	21 59	1 22	12 21	10 39	7 42	7 11	19 40	17 22
F 18	19 27	12 46	1s 1	20 36	0 27	19 47	0 25	21 49	1 38	7 6	0 53	19 12	0 2	2 48	0 47	21 59	1 22	12 21	10 39	7 42	7 10	19 38	17 21
S 19	19 40	18 14	2 11	21 13	0 37	20 5	0 23	21 42	1 37	7 3	0 53	19 12	0 2	2 48	0 47	21 59	1 23	12 21	10 39	7 41	7 9	19 35	17 20
S 20	19 52	22 44	3 12	21 47	0 47	20 21	0 20	21 34	1 36	7 0	0 53	19 12	0 2	2 49	0 47	21 58	1 23	12 22	10 39	7 40	7 8	19 33	17 19
M21	20 5	25 59	4 2	22 20	0 57	20 37	0 18	21 26	1 36	6 57	0 53	19 13	0 2	2 49	0 47	21 58	1 23	12 22	10 39	7 37	7 7	19 30	17 16
T 22	20 17	27 50	4 38	22 50	1 7	20 53	0 16	21 17	1 35	6 54	0 54	19 13	0 2	2 49	0 47	21 58	1 23	12 22	10 39	7 35	7 5	19 27	17 18
W23	20 29	28 13	5 1	23 17	1 16	21 8	0 13	21 9	1 35	6 51	0 54	19 13	0 2	2 49	0 47	21 58	1 23	12 22	10 38	7 32	7 4	19 25	17 18
T 24	20 40	27 10	5 8	23 42	1 24	21 23	0 11	21 1	1 34	6 48	0 54	19 13	0 2	2 49	0 47	21 58	1 23	12 23	10 38	7 29	7 3	19 22	17 17
F 25	20 51	24 52	5 2	24 5	1 32	21 36	0 9	20 52	1 34	6 46	0 54	19 14	0 2	2 50	0 47	21 58	1 23	12 23	10 38	7 27	7 2	19 20	17 16
S 26	21 2	21 30	4 43	24 25	1 40	21 50	0 6	20 44	1 33	6 43	0 54	19 14	0 1	2 50	0 47	21 58	1 23	12 23	10 38	7 25	7 1	19 17	17 16
S 27	21 12	17 17	4 12	24 42	1 47	22 2	0 4	20 35	1 33	6 41	0 55	19 14	0 1	2 50	0 47	21 58	1 23	12 23	10 38	7 24	6 59	19 15	17 15
M28	21 22	12 25	3 29	24 57	1 53	22 14	0 1	20 26	1 32	6 38	0 55	19 15	0 1	2 50	0 47	21 58	1 23	12 23	10 38	7 24	6 58	19 12	17 14
T 29	21 31	7 3	2 38	25 18	1 58	22 26	0n 1	20 17	1 32	6 36	0 55	19 15	0 1	2 50	0 47	21 58	1 23	12 23	10 38	7 24	6 57	19 10	17 14
W30	21 41	1 22	1 39	25 25	2 3	22 37	0 3	20 8	1 31	6 33	0 55	19 16	0 1	2 50	0 47	21 58	1 23	12 24	10 38	7 25	6 56	19 7	17 13
T 31	21n49	4n29	0s34	25n26	2n 7	22n47	0n 6	19n59	1n31	6s31	0s56	19s16	0n 1	2n50	0n47	21s58	1n23	12n24	10s38	7n25	6n54	19s 5	17s13

Julian Day Number = 2684689.5, Delta T = 22m46s  
Ecliptic obliquity = 23°21'32", Nutation = - 0°00'07"  
Ayanamsha: Fagan/Bradley = 33°40'09", Lahiri = 32°47'09"

## ASTRODIENST EPHEMERIS for the year 2638

JUNE 2638

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 37 12	10♂♂27	25♂21	28♂35	17♂47	7♂22	15♂43	3♂R33	24♂R39	28♂R11	20♂13	19♂R 0	17♂Y36	19♂36	20♂R29	F 1
S 2	16 41 9	11°34'12	8♂23	0♂17	19° 1	7°57	15°49	3♂32	24°D39	28♂9	20°14	18♂Y58	17°33	19°43	20♂25	S 2
S 3	16 45 5	12°31'57	21°48	1°57	20°15	8°32	15°55	3°30	24♂39	28° 8	20°15	18°54	17°30	19°50	20°21	S 3
M 4	16 49 2	13°29'40	5♂36	3°33	21°28	9° 7	16° 2	3°28	24°39	28° 6	20°17	18°48	17°27	19°56	20°16	M 4
T 5	16 52 59	14°27'22	19°46	5° 7	22°42	9°43	16° 7	3°26	24°40	28° 5	20°18	18°40	17°24	20° 3	20°12	T 5
W 6	16 56 55	15°25'04	4♂10	6°37	23°56	10°18	16°13	3°24	24°40	28° 3	20°19	18°31	17°20	20°10	20° 8	W 6
T 7	17 0 52	16°22'43	18°45	8° 4	25°10	10°53	16°19	3°21	24°40	28° 1	20°21	18°23	17°17	20°17	20° 4	T 7
F 8	17 4 48	17°20'22	3♂21	9°27	26°23	11°28	16°24	3°19	24°40	28° 0	20°22	18°15	17°14	20°23	19°59	F 8
S 9	17 8 45	18°17'59	17°53	10°48	27°37	12° 3	16°29	3°17	24°41	27°58	20°24	18° 9	17°11	20°30	19°55	S 9
S 10	17 12 41	19°15'34	2♂16	12° 5	28°51	12°39	16°34	3°14	24°41	27°57	20°25	18° 6	17° 8	20°37	19°51	S 10
M11	17 16 38	20°13'08	16°27	13°18	0♂5	13°14	16°39	3°12	24°42	27°55	20°26	18°D 5	17° 5	20°43	19°46	M11
T 12	17 20 34	21°10'40	0♂24	14°28	1°18	13°50	16°44	3° 9	24°42	27°54	20°28	18° 5	17° 1	20°50	19°42	T 12
W13	17 24 31	22° 8'12	14° 8	15°35	2°32	14°25	16°49	3° 6	24°43	27°52	20°29	18°R 6	16°58	20°57	19°38	W13
T 14	17 28 28	23° 5'42	27°38	16°38	3°46	15° 0	16°53	3° 3	24°43	27°50	20°30	18° 5	16°55	21° 3	19°33	T 14
F 15	17 32 24	24° 3'10	10♂56	17°37	4°59	15°36	16°57	3° 1	24°44	27°49	20°32	18° 3	16°52	21°10	19°29	F 15
S 16	17 36 21	25° 0'38	24° 3	18°33	6°13	16°11	17° 1	2°58	24°45	27°47	20°33	17°59	16°49	21°17	19°25	S 16
S 17	17 40 17	25°58'05	6♂58	19°25	7°26	16°47	17° 5	2°55	24°45	27°45	20°34	17°51	16°46	21°24	19°21	S 17
M18	17 44 14	26°55'30	19°42	20°13	8°40	17°22	17° 9	2°52	24°46	27°44	20°36	17°42	16°42	21°30	19°16	M18
T 19	17 48 10	27°52'55	2♂14	20°56	9°54	17°58	17°12	2°48	24°47	27°42	20°37	17°30	16°39	21°37	19°12	T 19
W20	17 52 7	28°50'19	14°36	21°36	11° 7	18°34	17°16	2°45	24°48	27°41	20°39	17°18	16°36	21°44	19° 8	W20
T 21	17 56 3	29°47'42	26°47	22°12	12°21	19° 9	17°19	2°42	24°49	27°39	20°40	17° 6	16°33	21°50	19° 4	T 21
F 22	18 0 0	0♂45'05	8♂49	22°44	13°34	19°45	17°22	2°39	24°50	27°37	20°41	16°55	16°30	21°57	19° 0	F 22
S 23	18 3 57	1°42'27	20°43	23°11	14°48	20°21	17°24	2°35	24°51	27°36	20°43	16°46	16°26	22° 4	18°56	S 23
S 24	18 7 53	2°39'48	2♂34	23°33	16° 1	20°57	17°27	2°32	24°52	27°34	20°44	16°40	16°23	22°10	18°51	S 24
M25	18 11 50	3°37'09	14°24	23°52	17°15	21°32	17°29	2°28	24°54	27°33	20°45	16°37	16°20	22°17	18°47	M25
T 26	18 15 46	4°34'29	26°19	24° 5	18°29	22° 8	17°32	2°24	24°55	27°31	20°47	16°35	16°17	22°24	18°43	T 26
W27	18 19 43	5°31'49	8♂Y23	24°15	19°42	22°44	17°34	2°21	24°56	27°29	20°48	16°D35	16°14	22°31	18°39	W27
T 28	18 23 39	6°29'09	20°42	24°19	20°56	23°20	17°36	2°17	24°58	27°28	20°49	16°R35	16°11	22°37	18°35	T 28
F 29	18 27 36	7°26'28	3♂21	24°R19	22° 9	23°56	17°37	2°13	24°59	27°26	20°51	16°34	16° 7	22°44	18°31	F 29
S 30	18 31 32	8♂23'47	16♂25	24♂15	23♂23	24♂32	17♂39	2♂10	25♂0	27♂25	20♂52	16♂Y32	16♂Y 4	22♂51	18♂28	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	21n58	10n18	0n34	25n31	2n10	22n56	0n 8	19n49	1n30	6s28	0s56	19s17	0n 1	2n50	0n47	21s58
S 2	22 6	15 52	1 42	25 33	2 12	23 5	0 11	19 40	1 30	6 26	0 56	19 17	0 1	2 50	0 47	21 58
S 3	22 13	20 50	2 47	25 34	2 13	23 13	0 13	19 30	1 29	6 24	0 56	19 18	0 1	2 50	0 47	21 58
M 4	22 21	24 49	3 43	25 32	2 14	23 20	0 15	19 20	1 29	6 22	0 57	19 18	0 1	2 50	0 47	21 58
T 5	22 27	27 24	4 27	25 29	2 13	23 27	0 18	19 10	1 28	6 20	0 57	19 19	0 1	2 50	0 47	21 58
W 6	22 34	28 13	4 55	25 24	2 12	23 33	0 20	19 1	1 28	6 18	0 57	19 19	0 1	2 50	0 46	21 58
T 7	22 40	27 5	5 5	25 17	2 10	23 39	0 23	18 50	1 27	6 16	0 57	19 20	0 1	2 49	0 46	21 58
F 8	22 46	24 6	4 54	25 9	2 8	23 43	0 25	18 40	1 27	6 14	0 58	19 21	0 0	2 49	0 46	21 58
S 9	22 51	19 37	4 25	24 59	2 4	23 47	0 27	18 30	1 26	6 12	0 58	19 21	0 0	2 49	0 46	21 58
S 10	22 56	14 2	3 39	24 48	1 59	23 51	0 30	18 19	1 26	6 11	0 58	19 22	0 0	2 49	0 46	21 58
M11	23 0	7 47	2 40	24 35	1 54	23 53	0 32	18 9	1 25	6 9	0 59	19 22	0 0	2 49	0 46	21 58
T 12	23 4	1 16	1 33	24 22	1 48	23 55	0 34	17 58	1 25	6 7	0 59	19 23	0 0	2 48	0 46	21 58
W13	23 8	5s14	0 21	24 8	1 41	23 57	0 36	17 48	1 24	6 6	0 59	19 24	0 0	2 48	0 46	21 58
T 14	23 11	11 23	0s51	23 52	1 34	23 57	0 39	17 37	1 24	6 4	0 59	19 25	0s 0	2 48	0 46	21 58
F 15	23 14	16 56	1 58	23 36	1 25	23 57	0 41	17 26	1 23	6 3	1 0	19 25	0 0	2 47	0 46	21 58
S 16	23 16	21 36	2 59	23 20	1 16	23 56	0 43	17 15	1 22	6 2	1 0	19 26	0 0	2 47	0 46	21 58
S 17	23 18	25 10	3 49	23 3	1 6	23 54	0 45	17 3	1 22	6 0	1 0	19 27	0 0	2 47	0 46	21 58
M18	23 19	27 23	4 27	22 45	0 55	23 52	0 47	16 52	1 21	5 59	1 0	19 28	0 0	2 46	0 46	21 58
T 19	23 21	28 11	4 51	22 27	0 44	23 49	0 50	16 41	1 21	5 58	1 1	19 28	0 1	2 46	0 46	21 58
W20	23 21	27 33	5 1	22 9	0 31	23 45	0 52	16 29	1 20	5 57	1 1	19 29	0 1	2 46	0 46	21 58
T 21	23 22	25 35	4 57	21 50	0 18	23 41	0 54	16 18	1 20	5 56	1 1	19 30	0 1	2 45	0 46	21 58
F 22	23 21	22 30	4 40	21 32	0 5	23 36	0 56	16 6	1 19	5 55	1 2	19 31	0 1	2 45	0 46	21 58
S 23	23 21	18 30	4 11	21 14	0s 9	23 30	0 58	15 54	1 19	5 55	1 2	19 32	0 1	2 44	0 46	21 58
S 24	23 20	13 48	3 31	20 55	0 24	23 23	1 0	15 42	1 18	5 54	1 2	19 33	0 1	2 44	0 46	21 58
M25	23 19	8 37	2 42	20 37	0 39	23 16	1 2	15 30	1 18	5 53	1 2	19 34	0 1	2 43	0 46	21 58
T 26	23 17	3 4	1 45	20 19	0 55	23 8	1 3	15 18	1 17	5 52	1 3	19 34	0 1	2 43	0 46	21 58
W27	23 15	2n39	0 43	20 2	1 11	23 0	1 5	15 6	1 17	5 52	1 3	19 35	0 1	2 42	0 46	21 57
T 28	23 12	8 24	0n22	19 45	1 27	22 50	1 7	14 54	1 16	5 52	1 3	19 36	0 1	2 42	0 46	21 57
F 29	23 9	13 58	1 28	19 29	1 43	22 41	1 9	14 41	1 16	5 51	1 4	19 37	0 1	2 41	0 45	21 57
S 30	23n 6	19n 6	2n31	19n13	2s 0	22n30	1n10	14n29	1n15	5s51	1s 4	19s38	0s 1	2n40	0n45	21s57

Julian Day Number = 2684720.5, Delta T = 22m47s

Ecliptic obliquity = 23°21'31", Nutation = - 0°00'06

Ayanamsha: Fagan/Bradley = 33°40'13", Lahiri = 32°47'13"

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 35 29	9 <del>5</del> 21'06	29 <del>8</del> 56	24°R 6	24 <del>53</del> 36	25 <del>Ω</del> 8	17 <del>℔</del> 40	2°R 6	25 <del>♊</del> 2	27°R23	20 <del>Ⅱ</del> 53	16°R26	16 <del>Υ</del> 1	22 <del>≈</del> 57	18°R24	S 1
M 2	18 39 26	10°18'25	13 <del>Ⅱ</del> 54	23 <del>5</del> 53	25°50	25°44	17°41	2 <del>≈</del> 2	25° 3	27 <del>♂</del> 21	20°55	16 <del>Υ</del> 19	15°58	23° 4	18 <del>♂</del> 20	M 2
T 3	18 43 22	11°15'43	28°19	23°36	27° 3	26°20	17°42	1°58	25° 5	27°20	20°56	16° 9	15°55	23°11	18°16	T 3
W 4	18 47 19	12°13'01	13 <del>5</del> 3	23°15	28°16	26°56	17°42	1°54	25° 7	27°18	20°57	15°58	15°52	23°17	18°13	W 4
T 5	18 51 15	13°10'19	28° 0	22°51	29°30	27°33	17°43	1°50	25° 8	27°17	20°59	15°47	15°48	23°24	18° 9	T 5
F 6	18 55 12	14° 7'36	13 <del>Ω</del> 0	22°23	0 <del>Ω</del> 43	28° 9	17°43	1°46	25°10	27°15	21° 0	15°37	15°45	23°31	18° 5	F 6
S 7	18 59 8	15° 4'53	27°54	21°53	1°57	28°45	17°R43	1°42	25°12	27°14	21° 1	15°30	15°42	23°37	18° 2	S 7
S 8	19 3 5	16° 2'09	12 <del>♊</del> 34	21°20	3°10	29°21	17°43	1°37	25°14	27°12	21° 2	15°25	15°39	23°44	17°58	S 8
M 9	19 7 2	16°59'22	26°55	20°46	4°24	29°58	17°43	1°33	25°16	27°11	21° 4	15°23	15°36	23°51	17°55	M 9
T 10	19 10 58	17°56'39	10 <del>♂</del> 56	20°10	5°37	0 <del>♊</del> 34	17°42	1°29	25°18	27° 9	21° 5	15°22	15°32	23°58	17°52	T 10
W 11	19 14 55	18°53'54	24°36	19°34	6°50	1°10	17°42	1°25	25°20	27° 8	21° 6	15°22	15°29	24° 4	17°48	W 11
T 12	19 18 51	19°51'08	7 <del>♊</del> 57	18°58	8° 4	1°47	17°41	1°21	25°22	27° 6	21° 7	15°21	15°26	24°11	17°45	T 12
F 13	19 22 48	20°48'22	21° 1	18°23	9°17	2°23	17°40	1°16	25°24	27° 5	21° 9	15°19	15°23	24°18	17°42	F 13
S 14	19 26 44	21°45'35	3 <del>♂</del> 52	17°49	10°30	2°59	17°39	1°12	25°26	27° 3	21°10	15°14	15°20	24°24	17°39	S 14
S 15	19 30 41	22°42'48	16°30	17°17	11°44	3°36	17°37	1° 8	25°28	27° 2	21°11	15° 6	15°17	24°31	17°36	S 15
M 16	19 34 37	23°40'01	28°57	16°47	12°57	4°12	17°35	1° 3	25°30	27° 0	21°12	14°55	15°13	24°38	17°33	M 16
T 17	19 38 34	24°37'14	11 <del>♂</del> 15	16°20	14°10	4°49	17°34	0°59	25°32	26°59	21°13	14°43	15°10	24°44	17°30	T 17
W 18	19 42 31	25°34'27	23°25	15°56	15°23	5°26	17°32	0°54	25°35	26°58	21°15	14°30	15° 7	24°51	17°27	W 18
T 19	19 46 27	26°31'40	5 <del>≈</del> 27	15°37	16°37	6° 2	17°29	0°50	25°37	26°56	21°16	14°17	15° 4	24°58	17°24	T 19
F 20	19 50 24	27°28'53	17°23	15°21	17°50	6°39	17°27	0°46	25°39	26°55	21°17	14° 5	15° 1	25° 4	17°22	F 20
S 21	19 54 20	28°26'06	29°14	15°11	19° 3	7°15	17°24	0°41	25°42	26°54	21°18	13°56	14°58	25°11	17°19	S 21
S 22	19 58 17	29°23'19	11 <del>℔</del> 3	15° 5	20°16	7°52	17°22	0°37	25°44	26°52	21°19	13°49	14°54	25°18	17°17	S 22
M 23	20 2 13	0 <del>Ω</del> 20'33	22°53	15°D 4	21°29	8°29	17°19	0°32	25°47	26°51	21°20	13°45	14°51	25°25	17°14	M 23
T 24	20 6 10	1°17'47	4 <del>Υ</del> 47	15° 8	22°42	9° 6	17°16	0°28	25°49	26°50	21°21	13°43	14°48	25°31	17°12	T 24
W 25	20 10 6	2°15'01	16°51	15°18	23°56	9°42	17°12	0°24	25°52	26°49	21°22	13°D43	14°45	25°38	17°10	W 25
T 26	20 14 3	3°12'16	29° 8	15°33	25° 9	10°19	17° 9	0°19	25°54	26°47	21°24	13°R43	14°42	25°45	17° 7	T 26
F 27	20 18 0	4° 9'32	11 <del>♂</del> 45	15°54	26°22	10°56	17° 5	0°15	25°57	26°46	21°25	13°43	14°38	25°51	17° 5	F 27
S 28	20 21 56	5° 6'48	24°46	16°20	27°35	11°33	17° 1	0°10	26° 0	26°45	21°26	13°41	14°35	25°58	17° 3	S 28
S 29	20 25 53	6° 4'06	8 <del>Ⅱ</del> 14	16°51	28°48	12°10	16°57	0° 6	26° 2	26°44	21°27	13°37	14°32	26° 5	17° 1	S 29
M 30	20 29 49	7° 1'23	22°12	17°28	0 <del>♊</del> 1	12°47	16°53	0° 1	26° 5	26°43	21°28	13°31	14°29	26°11	17° 0	M 30
T 31	20 33 46	7 <del>Ω</del> 58'42	6 <del>5</del> 38	18 <del>5</del> 11	1 <del>♊</del> 14	13 <del>♊</del> 24	16 <del>℔</del> 48	29 <del>5</del> 57	26 <del>♊</del> 8	26 <del>♂</del> 41	21 <del>Ⅱ</del> 29	13 <del>Υ</del> 23	14 <del>Υ</del> 26	26 <del>≈</del> 18	16 <del>♂</del> 58	T 31

Day	☉	☽		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈	♉		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
S 1	23n 2	23n27	3n28	18n59	2s17	22n19	1n12	14n16	1n15	5s51	1s 4	19s39	0s 2	2n40	0n45	21s57	1n23	12n27	10s37	6n27	6n17	17s42	16s59	5n53
M 2	22 58	26 36	4 14	18 45	2 33	22 7	1 14	14 4	1 14	5 50	1 4	19 40	0 2	2 39	0 45	21 57	1 23	12 27	10 37	6 24	6 16	17 40	16 59	5 53
T 3	22 53	28 7	4 46	18 32	2 49	21 54	1 15	13 51	1 14	5 50	1 5	19 41	0 2	2 38	0 45	21 57	1 23	12 27	10 37	6 20	6 14	17 37	16 59	5 53
W 4	22 48	27 42	5 0	18 19	3 5	21 41	1 17	13 38	1 13	5 50	1 5	19 42	0 2	2 38	0 45	21 57	1 22	12 27	10 37	6 16	6 13	17 34	16 58	5 53
T 5	22 43	25 17	4 54	18 8	3 20	21 28	1 18	13 25	1 13	5 50	1 5	19 43	0 2	2 37	0 45	21 57	1 22	12 27	10 37	6 11	6 12	17 31	16 58	5 53
F 6	22 37	21 7	4 27	17 58	3 35	21 13	1 20	13 13	1 12	5 51	1 6	19 44	0 2	2 36	0 45	21 57	1 22	12 27	10 37	6 8	6 11	17 29	16 58	5 53
S 7	22 31	15 39	3 43	17 50	3 48	20 58	1 21	12 59	1 12	5 51	1 6	19 45	0 2	2 36	0 45	21 57	1 22	12 28	10 37	6 5	6 10	17 26	16 58	5 53
S 8	22 24	9 21	2 44	17 42	4 1	20 43	1 22	12 46	1 11	5 51	1 6	19 46	0 2	2 35	0 45	21 57	1 22	12 28	10 37	6 3	6 8	17 23	16 58	5 53
M 9	22 17	2 41	1 36	17 36	4 13	20 27	1 23	12 33	1 11	5 52	1 6	19 47	0 2	2 34	0 45	21 57	1 22	12 28	10 37	6 2	6 7	17 21	16 57	5 53
T 10	22 10	3s57	0 23	17 31	4 23	20 10	1 24	12 20	1 10	5 52	1 7	19 48	0 2	2 33	0 45	21 57	1 22	12 28	10 37	6 2	6 6	17 18	16 57	5 53
W 11	22 2	10 15	0s49	17 27	4 32	19 53	1 26	12 6	1 10	5 52	1 7	19 49	0 2	2 32	0 45	21 57	1 22	12 28	10 37	6 2	6 5	17 15	16 57	5 52
T 12	21 54	15 57	1 56	17 24	4 40	19 35	1 27	11 53	1 9	5 53	1 7	19 50	0 2	2 32	0 45	21 57	1 22	12 28	10 37	6 2	6 3	17 12	16 57	5 52
F 13	21 45	20 47	2 56	17 23	4 46	19 17	1 28	11 40	1 9	5 54	1 8	19 51	0 3	2 31	0 45	21 57	1 22	12 28	10 38	6 1	6 2	17 9	16 57	5 52
S 14	21 36	24 33	3 46	17 23	4 50	18 58	1 28	11 26	1 8	5 55	1 8	19 52	0 3	2 30	0 45	21 57	1 22	12 28	10 38	5 59	6 1	17 7	16 57	5 52
S 15	21 27	27 3	4 24	17 24	4 53	18 39	1 29	11 12	1 8	5 55	1 8	19 53	0 3	2 29	0 45	21 57	1 22	12 28	10 38	5 56	6 0	17 4	16 57	5 52
M 16	21 18	28 10	4 49	17 27	4 54	18 19	1 30	10 59	1 7	5 56	1 8	19 54	0 3	2 28	0 45	21 57	1 22	12 28	10 38	5 52	5 59	17 1	16 57	5 51
T 17	21 8	27 52	5 0	17 30	4 54	17 58	1 31	10 45	1 7	5 57	1 9	19 55	0 3	2 27	0 45	21 57	1 22	12 28	10 38	5 47	5 57	16 58	16 57	5 51
W 18	20 57	26 12	4 57	17 35	4 52	17 37	1 31	10 31	1 6	5 58	1 9	19 56	0 3	2 26	0 45	21 57	1 22	12 28	10 38	5 42	5 56	16 56	16 57	5 51
T 19	20 47	23 22	4 40	17 40	4 48	17 16	1 32	10 17	1 6	5 59	1 9	19 57	0 3	2 25	0 45	21 57	1 22	12 28	10 38	5 37	5 55	16 53	16 57	5 51
F 20	20 36	19 34	4 12	17 47	4 44	16 54	1 33	10 3	1 5	6 1	1 9	19 58	0 3	2 24	0 45	21 57	1 22	12 28	10 38	5 32	5 54	16 50	16 57	5 51
S 21	20 24	15 1	3 32	17 54	4 38	16 32	1 33	9 49	1 5	6 2	1 10	19 59	0 3	2 23	0 45	21 57	1 22	12 28	10 38	5 29	5 52	16 47	16 57	5 50
S 22	20 13	9 56	2 44	18 2	4 30	16 9	1 33	9 35	1 4	6 3	1 10	20 0	0 3	2 22	0 45	21 57	1 22	12 27	10 38	5 26	5 51	16 44	16 57	5 50
M 23	20 1	4 28	1 48	18 11	4 22	15 46	1 34	9 21	1 4	6 5	1 10	20 1	0 3	2 21	0 45	21 57	1 22	12 27	10 38	5 24	5 50	16 42	16 57	5 50
T 24	19 48	1n10	0 47	18 20	4 12	15 23	1 34	9 6	1 3	6 6	1 11	20 2	0 4	2 20	0 45	21 57	1 22	12 27	10 39	5 24	5 49	16 39	16 57	5 50
W 25	19 36	6 51	0n17	18 29	4 1	14 59	1 34	8 52	1 3	6 8	1 11	20 3	0 4	2 19	0 44	21 57	1 22	12 27	10 39	5 23	5 48	16 36	16 57	5 49
T 26	19 23	12 24	1 21	18 39	3 50	14 35	1 34	8 38	1 2	6 9	1 11	20 5	0 4	2 18	0 44	21 57	1 22	12 27	10 39	5 24	5 46	16 33	16 57	5 49
F 27	19 9	17 35	2 23	18 48	3 38	14 10	1 34	8 23	1 2	6 11	1 11	20 6	0 4	2 17	0 44	21 57	1 22	12 27	10 39	5 24	5 45	16 30	16 57	5 49
S 28	18 56	22 8	3 20	18 58	3 25	13 45	1 34	8 9	1 1	6 13	1 12	20 7	0 4	2 16	0 44	21 57	1 22	12 27	10 39	5 23	5 44	16 27	16 57	5 48
S 29	18 42	25 41	4 8	19 8	3 12	13 19	1 34	7 54	1 0	6 14	1 12	20 8	0 4	2 15	0 44	21 57	1 22	12 27	10 39	5 21	5 43	16 25	16 57	5 48
M 30	18 27	27 50	4 43	19 17	2 58	12 54	1 34	7 40	1 0	6 16	1 12	20 9	0 4	2 14	0 44	21 57	1 22	12 27	10 39	5 19	5 41	16 22	16 57	5 48
T 31	18n13	28n12	5n 1	19n25	2s44	12n27	1n34	7n25	0n59	6s18	1s12	20s10	0s 4	2n13	0n44	21s57	1n22	12n27	10s39	5n16	5n40	16s19	16s57	5n47

## ASTRODIENST EPHEMERIS for the year 2638

AUGUST 2638

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 37 42	8♂56'01	21♂29	18♂59	2♂27	14♂1	16°R44	29°R53	26♂11	26°R40	21♂30	13°R14	14°Y23	26♂25	16°R56	W 1
T 2	20 41 39	9°53'21	6♂37	19°52	3°40	14°38	16♂39	29♂48	26°14	26♂39	21°31	13°Y 5	14°19	26°31	16♂55	T 2
F 3	20 45 35	10°50'41	21°51	20°51	4°53	15°15	16°34	29°44	26°17	26°38	21°32	12°56	14°16	26°38	16°53	F 3
S 4	20 49 32	11°48'02	7♂0	21°55	6° 6	15°52	16°29	29°40	26°20	26°37	21°33	12°50	14°13	26°45	16°52	S 4
S 5	20 53 29	12°45'23	21°57	23° 4	7°19	16°29	16°24	29°36	26°22	26°36	21°34	12°46	14°10	26°52	16°50	S 5
M 6	20 57 25	13°42'44	6♂32	24°18	8°32	17° 7	16°19	29°31	26°25	26°35	21°34	12°D45	14° 7	26°58	16°49	M 6
T 7	21 1 22	14°40'06	20°43	25°36	9°45	17°44	16°13	29°27	26°29	26°34	21°35	12°45	14° 4	27° 5	16°48	T 7
W 8	21 5 18	15°37'28	4♂29	27° 0	10°58	18°21	16° 8	29°23	26°32	26°33	21°36	12°45	14° 0	27°12	16°47	W 8
T 9	21 9 15	16°34'51	17°51	28°28	12°11	18°58	16° 2	29°19	26°35	26°32	21°37	12°R46	13°57	27°18	16°46	T 9
F 10	21 13 11	17°32'14	0♂52	0♂1	13°24	19°36	15°56	29°15	26°38	26°31	21°38	12°45	13°54	27°25	16°45	F 10
S 11	21 17 8	18°29'38	13°35	1°38	14°37	20°13	15°50	29°11	26°41	26°31	21°39	12°42	13°51	27°32	16°45	S 11
S 12	21 21 4	19°27'02	26° 3	3°18	15°49	20°50	15°44	29° 7	26°44	26°30	21°40	12°37	13°48	27°38	16°44	S 12
M13	21 25 1	20°24'27	8♂31	5° 3	17° 2	21°28	15°37	29° 3	26°47	26°29	21°40	12°30	13°44	27°45	16°43	M13
T 14	21 28 58	21°21'52	20°26	6°51	18°15	22° 5	15°31	28°59	26°51	26°28	21°41	12°21	13°41	27°52	16°43	T 14
W15	21 32 54	22°19'19	2♂26	8°42	19°28	22°43	15°24	28°55	26°54	26°28	21°42	12°12	13°38	27°58	16°43	W15
T 16	21 36 51	23°16'46	14°21	10°36	20°40	23°20	15°18	28°51	26°57	26°27	21°43	12° 2	13°35	28° 5	16°42	T 16
F 17	21 40 47	24°14'14	26°12	12°32	21°53	23°58	15°11	28°47	27° 0	26°26	21°43	11°54	13°32	28°12	16°42	F 17
S 18	21 44 44	25°11'43	8♂2	14°30	23° 6	24°35	15° 4	28°44	27° 4	26°25	21°44	11°48	13°29	28°18	16°D42	S 18
S 19	21 48 40	26° 9'13	19°52	16°30	24°18	25°13	14°57	28°40	27° 7	26°25	21°45	11°43	13°25	28°25	16°42	S 19
M20	21 52 37	27° 6'44	1°Y45	18°31	25°31	25°51	14°50	28°36	27°10	26°24	21°45	11°41	13°22	28°32	16°42	M20
T 21	21 56 33	28° 4'16	13°43	20°34	26°43	26°28	14°43	28°33	27°14	26°24	21°46	11°D40	13°19	28°38	16°43	T 21
W22	22 0 30	29° 1'49	25°50	22°36	27°56	27° 6	14°35	28°29	27°17	26°23	21°47	11°41	13°16	28°45	16°43	W22
T 23	22 4 27	29°59'24	8♂10	24°39	29° 8	27°44	14°28	28°26	27°21	26°23	21°47	11°43	13°13	28°52	16°43	T 23
F 24	22 8 23	0♂57'01	20°47	26°43	0♂21	28°22	14°21	28°22	27°24	26°22	21°48	11°44	13°10	28°59	16°44	F 24
S 25	22 12 20	1°54'38	3♂45	28°45	1°33	29° 0	14°13	28°19	27°28	26°22	21°49	11°R44	13° 6	29° 5	16°44	S 25
S 26	22 16 16	2°52'18	17° 8	0♂48	2°46	29°37	14° 5	28°16	27°31	26°21	21°49	11°43	13° 3	29°12	16°45	S 26
M27	22 20 13	3°49'59	0♂58	2°50	3°58	0♂15	13°58	28°13	27°35	26°21	21°50	11°41	13° 0	29°19	16°46	M27
T 28	22 24 9	4°47'41	15°16	4°51	5°11	0°53	13°50	28° 9	27°38	26°20	21°50	11°37	12°57	29°25	16°47	T 28
W29	22 28 6	5°45'25	29°59	6°51	6°23	1°31	13°42	28° 6	27°42	26°20	21°51	11°32	12°54	29°32	16°48	W29
T 30	22 32 2	6°43'11	15♂1	8°50	7°35	2° 9	13°35	28° 3	27°45	26°20	21°51	11°27	12°50	29°39	16°49	T 30
F 31	22 35 59	7♂40'57	0♂13	10♂48	8♂48	2♂47	13♂27	28♂1	27♂49	26♂20	21♂52	11°Y22	12°Y47	29♂45	16♂50	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	17n58	26n35	5n 0	19n33	2s29	12n 1	1n33	7n11	0n59	6s20	1s13	20s11	0s 4	2n11	0n44	21s57
T 2	17 43	23 3	4 38	19 40	2 15	11 34	1 33	6 56	0 58	6 22	1 13	20 12	0 4	2 10	0 44	21 57
F 3	17 27	17 55	3 57	19 46	2 0	11 7	1 32	6 41	0 58	6 24	1 13	20 13	0 4	2 9	0 44	21 57
S 4	17 12	11 40	2 59	19 51	1 45	10 40	1 32	6 26	0 57	6 27	1 13	20 14	0 4	2 8	0 44	21 57
S 5	16 56	4 51	1 49	19 55	1 30	10 12	1 31	6 11	0 57	6 29	1 14	20 15	0 5	2 7	0 44	21 57
M 6	16 39	2s 5	0 33	19 57	1 15	9 44	1 30	5 56	0 56	6 31	1 14	20 15	0 5	2 6	0 44	21 57
T 7	16 23	8 43	0s43	19 57	1 1	9 16	1 30	5 41	0 56	6 33	1 14	20 16	0 5	2 4	0 44	21 57
W 8	16 6	14 46	1 54	19 56	0 47	8 48	1 29	5 26	0 55	6 36	1 14	20 17	0 5	2 3	0 44	21 57
T 9	15 49	19 55	2 57	19 52	0 33	8 19	1 28	5 11	0 55	6 38	1 15	20 18	0 5	2 2	0 44	21 57
F 10	15 32	23 59	3 49	19 46	0 19	7 51	1 27	4 56	0 54	6 41	1 15	20 19	0 5	2 1	0 44	21 58
S 11	15 14	26 47	4 28	19 38	0 6	7 22	1 26	4 41	0 54	6 43	1 15	20 20	0 5	1 59	0 44	21 58
S 12	14 56	28 11	4 54	19 28	0n 7	6 52	1 25	4 26	0 53	6 46	1 15	20 21	0 5	1 58	0 44	21 58
M13	14 38	28 11	5 5	19 15	0 19	6 23	1 23	4 11	0 53	6 49	1 15	20 22	0 5	1 57	0 44	21 58
T 14	14 20	26 48	5 3	18 59	0 30	5 54	1 22	3 56	0 52	6 51	1 16	20 23	0 5	1 55	0 44	21 58
W15	14 1	24 13	4 47	18 41	0 41	5 24	1 21	3 40	0 52	6 54	1 16	20 24	0 5	1 54	0 44	21 58
T 16	13 43	20 36	4 19	18 20	0 51	4 54	1 19	3 25	0 51	6 57	1 16	20 25	0 5	1 53	0 44	21 58
F 17	13 24	16 11	3 40	17 57	1 0	4 24	1 18	3 10	0 51	7 0	1 16	20 25	0 6	1 51	0 44	21 58
S 18	13 5	11 11	2 51	17 31	1 9	3 54	1 16	2 55	0 50	7 2	1 16	20 26	0 6	1 50	0 44	21 58
S 19	12 45	5 46	1 55	17 3	1 16	3 24	1 15	2 39	0 50	7 5	1 17	20 27	0 6	1 49	0 44	21 58
M20	12 26	0 8	0 54	16 32	1 23	2 54	1 13	2 24	0 49	7 8	1 17	20 28	0 6	1 47	0 44	21 58
T 21	12 6	5n34	0n11	15 59	1 28	2 23	1 11	2 8	0 49	7 11	1 17	20 29	0 6	1 46	0 44	21 58
W22	11 46	11 8	1 16	15 24	1 33	1 53	1 9	1 53	0 48	7 14	1 17	20 30	0 6	1 45	0 44	21 58
T 23	11 26	16 22	2 19	14 47	1 37	1 22	1 7	1 38	0 48	7 17	1 17	20 30	0 6	1 43	0 44	21 58
F 24	11 6	21 3	3 16	14 9	1 40	0 52	1 5	1 22	0 47	7 20	1 17	20 31	0 6	1 42	0 44	21 58
S 25	10 46	24 51	4 6	13 28	1 43	0 21	1 3	1 7	0 46	7 23	1 18	20 32	0 6	1 40	0 44	21 58
S 26	10 25	27 26	4 43	12 47	1 44	0s10	1 1	0 51	0 46	7 26	1 18	20 33	0 6	1 39	0 44	21 58
M27	10 4	28 27	5 6	12 4	1 45	0 40	0 59	0 36	0 45	7 29	1 18	20 33	0 6	1 38	0 44	21 58
T 28	9 43	27 38	5 10	11 20	1 45	1 11	0 57	0 20	0 45	7 32	1 18	20 34	0 6	1 36	0 44	21 58
W29	9 22	24 54	4 55	10 35	1 45	1 42	0 55	0 5	0 44	7 35	1 18	20 35	0 7	1 35	0 44	21 58
T 30	9 1	20 25	4 20	9 50	1 43	2 12	0 52	0s11	0 44	7 38	1 18	20 35	0 7	1 33	0 44	21 58
F 31	8n40	14n34	3n25	9n 4	1n42	2s43	0n50	0s27	0n43	7s42	1s18	20s36	0s 7	1n32	0n44	21s58

Julian Day Number = 2684781.5, Delta T = 22m47s

Ecliptic obliquity = 23°21'31", Nutation = - 0°00'03"

Ayanamsha: Fagan/Bradley = 33°40'22", Lahiri = 32°47'22"

## ASTRODIENST EPHEMERIS for the year 2638

SEPTEMBER 2638

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 39 56	8♎38'45	15♏27	12♎45	10♏0	3♏25	13°R19	27°R58	27♎53	26°R19	21♏52	11°R19	12°Y44	29♏52	16♏51	S 1
S 2	22 43 52	9°36'35	0♏30	14°40	11°12	4°4	13♏11	27♏55	27°56	26♏19	21°53	11°Y17	12°41	29°59	16°53	S 2
M 3	22 47 49	10°34'25	15°16	16°34	12°25	4°42	13°3	27°52	28°0	26°19	21°53	11°D17	12°38	0♏5	16°54	M 3
T 4	22 51 45	11°32'17	29°38	18°27	13°37	5°20	12°55	27°50	28°4	26°19	21°53	11°18	12°35	0°12	16°56	T 4
W 5	22 55 42	12°30'10	13♎33	20°19	14°49	5°58	12°47	27°47	28°7	26°19	21°54	11°19	12°31	0°19	16°58	W 5
T 6	22 59 38	13°28'05	27°2	22°9	16°1	6°37	12°40	27°45	28°11	26°19	21°54	11°21	12°28	0°25	16°59	T 6
F 7	23 3 35	14°26'00	10♏7	23°58	17°13	7°15	12°32	27°42	28°15	26°19	21°54	11°R21	12°25	0°32	17°1	F 7
S 8	23 7 31	15°23'57	22°49	25°46	18°25	7°53	12°24	27°40	28°18	26°D19	21°55	11°21	12°22	0°39	17°3	S 8
S 9	23 11 28	16°21'55	5♏14	27°32	19°37	8°32	12°16	27°38	28°22	26°19	21°55	11°20	12°19	0°45	17°5	S 9
M10	23 15 25	17°19'55	17°26	29°17	20°49	9°10	12°8	27°36	28°26	26°19	21°55	11°18	12°16	0°52	17°7	M10
T 11	23 19 21	18°17'55	29°27	1♏1	22°1	9°48	12°0	27°34	28°29	26°19	21°55	11°14	12°12	0°59	17°10	T 11
W12	23 23 18	19°15'57	11♏21	2°43	23°13	10°27	11°52	27°32	28°33	26°19	21°56	11°11	12°9	1°5	17°12	W12
T 13	23 27 14	20°14'01	23°12	4°25	24°25	11°6	11°45	27°30	28°37	26°19	21°56	11°7	12°6	1°12	17°14	T 13
F 14	23 31 11	21°12'06	5♏2	6°5	25°37	11°44	11°37	27°28	28°41	26°19	21°56	11°4	12°3	1°19	17°17	F 14
S 15	23 35 7	22°10'12	16°54	7°43	26°48	12°23	11°29	27°27	28°44	26°20	21°56	11°2	12°0	1°26	17°19	S 15
S 16	23 39 4	23°8'20	28°48	9°21	28°0	13°1	11°22	27°25	28°48	26°20	21°56	11°0	11°56	1°32	17°22	S 16
M17	23 43 0	24°6'30	10°Y48	10°57	29°12	13°40	11°14	27°24	28°52	26°20	21°56	11°D0	11°53	1°39	17°25	M17
T 18	23 46 57	25°4'41	22°56	12°33	0♎23	14°19	11°7	27°22	28°56	26°20	21°56	11°0	11°50	1°46	17°28	T 18
W19	23 50 54	26°2'55	5♏13	14°7	1°35	14°58	10°59	27°21	29°0	26°21	21°57	11°1	11°47	1°52	17°31	W19
T 20	23 54 50	27°1'10	17°43	15°40	2°47	15°36	10°52	27°20	29°3	26°21	21°57	11°3	11°44	1°59	17°34	T 20
F 21	23 58 47	27°59'27	0♎27	17°11	3°58	16°15	10°45	27°19	29°7	26°22	21°57	11°4	11°41	2°6	17°37	F 21
S 22	0 2 43	28°57'47	13°28	18°42	5°10	16°54	10°38	27°18	29°11	26°22	21°R57	11°5	11°37	2°12	17°40	S 22
S 23	0 6 40	29°56'08	26°50	20°11	6°21	17°33	10°31	27°17	29°15	26°22	21°57	11°R5	11°34	2°19	17°43	S 23
M24	0 10 36	0♏54'32	10♏33	21°39	7°32	18°12	10°24	27°16	29°18	26°23	21°57	11°5	11°31	2°26	17°47	M24
T 25	0 14 33	1°52'58	24°39	23°7	8°44	18°51	10°17	27°15	29°22	26°24	21°57	11°4	11°28	2°32	17°50	T 25
W26	0 18 29	2°51'26	9♎5	24°32	9°55	19°30	10°10	27°15	29°26	26°24	21°56	11°3	11°25	2°39	17°54	W26
T 27	0 22 26	3°49'56	23°49	25°57	11°6	20°9	10°3	27°14	29°30	26°25	21°56	11°3	11°21	2°46	17°58	T 27
F 28	0 26 23	4°48'28	8♎45	27°21	12°18	20°48	9°57	27°14	29°34	26°25	21°56	11°2	11°18	2°52	18°1	F 28
S 29	0 30 19	5°47'01	23°45	28°43	13°29	21°27	9°51	27°14	29°37	26°26	21°56	11°1	11°15	2°59	18°5	S 29
S 30	0 34 16	6♏45'37	8♏42	0♎4	14♎40	22♏7	9♏44	27♏13	29♎41	26♏27	21♏56	11°D1	11°Y12	3♏6	18♏9	S 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	8n18	7n49	2n17	8n17	1n39	3s13	0n47	0s42	0n43	7s45	1s18	20s37	0s7	1n30	0n44	21s58
S 2	7 56	0 42	0 59	7 30	1 36	3 44	0 45	0 58	0 42	7 48	1 19	20 37	0 7	1 29	0 44	21 58
M 3	7 35	6s20	0s22	6 43	1 33	4 14	0 42	1 13	0 42	7 51	1 19	20 38	0 7	1 28	0 44	21 58
T 4	7 13	12 51	1 39	5 55	1 29	4 45	0 39	1 29	0 41	7 54	1 19	20 38	0 7	1 26	0 44	21 58
W 5	6 51	18 31	2 48	5 7	1 25	5 15	0 37	1 44	0 41	7 57	1 19	20 39	0 7	1 25	0 43	21 58
T 6	6 29	23 5	3 45	4 20	1 20	5 45	0 34	2 0	0 40	8 0	1 19	20 40	0 7	1 23	0 43	21 58
F 7	6 6	26 19	4 29	3 32	1 15	6 16	0 31	2 16	0 40	8 3	1 19	20 40	0 7	1 22	0 43	21 59
S 8	5 44	28 7	4 58	2 45	1 10	6 46	0 28	2 31	0 39	8 6	1 19	20 41	0 7	1 20	0 43	21 59
S 9	5 22	28 27	5 12	1 57	1 4	7 15	0 25	2 47	0 39	8 9	1 19	20 41	0 7	1 19	0 43	21 59
M10	4 59	27 23	5 12	1 10	0 58	7 45	0 22	3 2	0 38	8 12	1 19	20 42	0 7	1 17	0 43	21 59
T 11	4 37	25 4	4 59	0 23	0 52	8 15	0 19	3 18	0 38	8 15	1 19	20 42	0 8	1 16	0 43	21 59
W12	4 14	21 40	4 32	0s23	0 45	8 44	0 16	3 33	0 37	8 18	1 19	20 42	0 8	1 14	0 43	21 59
T 13	3 51	17 25	3 54	1 9	0 39	9 14	0 13	3 49	0 36	8 21	1 19	20 43	0 8	1 13	0 43	21 59
F 14	3 29	12 31	3 6	1 55	0 32	9 43	0 10	4 4	0 36	8 24	1 19	20 43	0 8	1 11	0 43	21 59
S 15	3 6	7 9	2 9	2 41	0 25	10 11	0 7	4 20	0 35	8 27	1 19	20 44	0 8	1 10	0 43	21 59
S 16	2 43	1 30	1 7	3 26	0 17	10 40	0 4	4 35	0 35	8 30	1 19	20 44	0 8	1 8	0 43	21 59
M17	2 20	4n15	0 1	4 10	0 10	11 9	0 1	4 51	0 34	8 33	1 19	20 44	0 8	1 7	0 43	21 59
T 18	1 57	9 54	1n6	4 54	0 2	11 37	0s3	5 6	0 34	8 36	1 19	20 45	0 8	1 5	0 43	21 59
W19	1 34	15 16	2 10	5 38	0s5	12 5	0 6	5 22	0 33	8 39	1 19	20 45	0 8	1 4	0 43	21 59
T 20	1 11	20 5	3 10	6 20	0 13	12 32	0 9	5 37	0 33	8 41	1 19	20 45	0 8	1 2	0 43	21 59
F 21	0 48	24 6	4 1	7 3	0 21	13 0	0 13	5 53	0 32	8 44	1 19	20 46	0 8	1 1	0 43	21 59
S 22	0 25	26 59	4 41	7 44	0 28	13 27	0 16	6 8	0 32	8 47	1 19	20 46	0 8	0 59	0 43	21 59
S 23	0 2	28 26	5 7	8 25	0 36	13 54	0 19	6 23	0 31	8 50	1 19	20 46	0 8	0 58	0 43	21 59
M24	0s22	28 12	5 17	9 6	0 44	14 21	0 23	6 39	0 31	8 52	1 19	20 46	0 8	0 56	0 43	21 59
T 25	0 45	26 10	5 8	9 46	0 52	14 47	0 26	6 54	0 30	8 55	1 19	20 47	0 8	0 55	0 43	22 0
W26	1 8	22 25	4 40	10 25	1 0	15 13	0 30	7 9	0 29	8 57	1 19	20 47	0 9	0 53	0 43	22 0
T 27	1 31	17 12	3 53	11 3	1 8	15 38	0 33	7 24	0 29	9 0	1 19	20 47	0 9	0 52	0 43	22 0
F 28	1 54	10 53	2 50	11 40	1 16	16 4	0 37	7 39	0 28	9 2	1 19	20 47	0 9	0 50	0 43	22 0
S 29	2 17	3 55	1 34	12 17	1 24	16 28	0 40	7 55	0 28	9 4	1 19	20 47	0 9	0 49	0 43	22 0
S 30	2s41	3s14	0n13	12s53	1s31	16s53	0s44	8s10	0n27	9s7	1s19	20s47	0s9	0n47	0n43	22s0

Julian Day Number = 2684812.5, Delta T = 22m48s

Ecliptic obliquity = 23°21'32, Nutation = - 0°00'03

Ayanamsha: Fagan/Bradley = 33°40'26, Lahiri = 32°47'26

## ASTRODIENST EPHEMERIS for the year 2638

OCTOBER 2638

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 38 12	7 <sup>h</sup> 44 <sup>m</sup> 15 <sup>s</sup>	23 <sup>h</sup> 52 <sup>m</sup> 26 <sup>s</sup>	1 <sup>h</sup> 11 <sup>m</sup> 23 <sup>s</sup>	15 <sup>h</sup> 11 <sup>m</sup> 51 <sup>s</sup>	22 <sup>h</sup> 52 <sup>m</sup> 46 <sup>s</sup>	9 <sup>h</sup> 38 <sup>m</sup> 13 <sup>s</sup>	27 <sup>h</sup> 13 <sup>m</sup> 13 <sup>s</sup>	29 <sup>h</sup> 45 <sup>m</sup> 45 <sup>s</sup>	26 <sup>h</sup> 27 <sup>m</sup> 27 <sup>s</sup>	21 <sup>h</sup> 56 <sup>m</sup> 56 <sup>s</sup>	11 <sup>h</sup> 11 <sup>m</sup> 11 <sup>s</sup>	11 <sup>h</sup> 11 <sup>m</sup> 11 <sup>s</sup>	3 <sup>h</sup> 11 <sup>m</sup> 11 <sup>s</sup>	18 <sup>h</sup> 11 <sup>m</sup> 11 <sup>s</sup>	M 1
T 2	0 42 9	8 <sup>h</sup> 42 <sup>m</sup> 54 <sup>s</sup>	7 <sup>h</sup> 11 <sup>m</sup> 51 <sup>s</sup>	2 <sup>h</sup> 42 <sup>m</sup> 2 <sup>s</sup>	17 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	23 <sup>h</sup> 25 <sup>m</sup> 25 <sup>s</sup>	9 <sup>h</sup> 32 <sup>m</sup> 32 <sup>s</sup>	27 <sup>h</sup> 13 <sup>m</sup> 13 <sup>s</sup>	29 <sup>h</sup> 49 <sup>m</sup> 49 <sup>s</sup>	26 <sup>h</sup> 28 <sup>m</sup> 28 <sup>s</sup>	21 <sup>h</sup> 55 <sup>m</sup> 55 <sup>s</sup>	11 <sup>h</sup> 1 <sup>m</sup> 1 <sup>s</sup>	11 <sup>h</sup> 6 <sup>m</sup> 6 <sup>s</sup>	3 <sup>h</sup> 19 <sup>m</sup> 19 <sup>s</sup>	18 <sup>h</sup> 17 <sup>m</sup> 17 <sup>s</sup>	T 2
W 3	0 46 5	9 <sup>h</sup> 41 <sup>m</sup> 36 <sup>s</sup>	2 <sup>h</sup> 52 <sup>m</sup> 3 <sup>s</sup>	3 <sup>h</sup> 58 <sup>m</sup> 18 <sup>s</sup> 13 <sup>s</sup>	24 <sup>h</sup> 5 <sup>m</sup> 5 <sup>s</sup>	9 <sup>h</sup> 26 <sup>m</sup> 26 <sup>s</sup>	27 <sup>h</sup> 13 <sup>m</sup> 13 <sup>s</sup>	29 <sup>h</sup> 52 <sup>m</sup> 52 <sup>s</sup>	26 <sup>h</sup> 29 <sup>m</sup> 29 <sup>s</sup>	21 <sup>h</sup> 55 <sup>m</sup> 55 <sup>s</sup>	11 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	11 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	3 <sup>h</sup> 26 <sup>m</sup> 26 <sup>s</sup>	18 <sup>h</sup> 21 <sup>m</sup> 21 <sup>s</sup>	W 3	
T 4	0 50 2	10 <sup>h</sup> 40 <sup>m</sup> 19 <sup>s</sup>	5 <sup>h</sup> 28 <sup>m</sup> 28 <sup>s</sup>	5 <sup>h</sup> 14 <sup>m</sup> 14 <sup>s</sup>	19 <sup>h</sup> 24 <sup>m</sup> 24 <sup>s</sup>	24 <sup>h</sup> 44 <sup>m</sup> 44 <sup>s</sup>	9 <sup>h</sup> 21 <sup>m</sup> 21 <sup>s</sup>	27 <sup>h</sup> 13 <sup>m</sup> 13 <sup>s</sup>	29 <sup>h</sup> 56 <sup>m</sup> 56 <sup>s</sup>	26 <sup>h</sup> 30 <sup>m</sup> 30 <sup>s</sup>	21 <sup>h</sup> 55 <sup>m</sup> 55 <sup>s</sup>	11 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	10 <sup>h</sup> 59 <sup>m</sup> 59 <sup>s</sup>	3 <sup>h</sup> 32 <sup>m</sup> 32 <sup>s</sup>	18 <sup>h</sup> 25 <sup>m</sup> 25 <sup>s</sup>	T 4
F 5	0 53 58	11 <sup>h</sup> 39 <sup>m</sup> 04 <sup>s</sup>	18 <sup>h</sup> 38 <sup>m</sup> 38 <sup>s</sup>	6 <sup>h</sup> 28 <sup>m</sup> 28 <sup>s</sup>	20 <sup>h</sup> 35 <sup>m</sup> 35 <sup>s</sup>	25 <sup>h</sup> 23 <sup>m</sup> 23 <sup>s</sup>	9 <sup>h</sup> 15 <sup>m</sup> 15 <sup>s</sup>	27 <sup>h</sup> 14 <sup>m</sup> 14 <sup>s</sup>	29 <sup>h</sup> 59 <sup>m</sup> 59 <sup>s</sup>	26 <sup>h</sup> 31 <sup>m</sup> 31 <sup>s</sup>	21 <sup>h</sup> 55 <sup>m</sup> 55 <sup>s</sup>	11 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	10 <sup>h</sup> 56 <sup>m</sup> 56 <sup>s</sup>	3 <sup>h</sup> 39 <sup>m</sup> 39 <sup>s</sup>	18 <sup>h</sup> 30 <sup>m</sup> 30 <sup>s</sup>	F 5
S 6	0 57 55	12 <sup>h</sup> 37 <sup>m</sup> 50 <sup>s</sup>	1 <sup>h</sup> 32 <sup>m</sup> 25 <sup>s</sup>	7 <sup>h</sup> 40 <sup>m</sup> 40 <sup>s</sup>	21 <sup>h</sup> 46 <sup>m</sup> 46 <sup>s</sup>	26 <sup>h</sup> 3 <sup>m</sup> 3 <sup>s</sup>	9 <sup>h</sup> 10 <sup>m</sup> 10 <sup>s</sup>	27 <sup>h</sup> 14 <sup>m</sup> 14 <sup>s</sup>	0 <sup>h</sup> 4 <sup>m</sup> 4 <sup>s</sup>	26 <sup>h</sup> 32 <sup>m</sup> 32 <sup>s</sup>	21 <sup>h</sup> 54 <sup>m</sup> 54 <sup>s</sup>	11 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	10 <sup>h</sup> 53 <sup>m</sup> 53 <sup>s</sup>	3 <sup>h</sup> 46 <sup>m</sup> 46 <sup>s</sup>	18 <sup>h</sup> 34 <sup>m</sup> 34 <sup>s</sup>	S 6
S 7	1 1 52	13 <sup>h</sup> 36 <sup>m</sup> 38 <sup>s</sup>	13 <sup>h</sup> 52 <sup>m</sup> 52 <sup>s</sup>	8 <sup>h</sup> 50 <sup>m</sup> 50 <sup>s</sup>	22 <sup>h</sup> 57 <sup>m</sup> 57 <sup>s</sup>	26 <sup>h</sup> 42 <sup>m</sup> 42 <sup>s</sup>	9 <sup>h</sup> 4 <sup>m</sup> 4 <sup>s</sup>	27 <sup>h</sup> 15 <sup>m</sup> 15 <sup>s</sup>	0 <sup>h</sup> 7 <sup>m</sup> 7 <sup>s</sup>	26 <sup>h</sup> 33 <sup>m</sup> 33 <sup>s</sup>	21 <sup>h</sup> 54 <sup>m</sup> 54 <sup>s</sup>	11 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	10 <sup>h</sup> 50 <sup>m</sup> 50 <sup>s</sup>	3 <sup>h</sup> 52 <sup>m</sup> 52 <sup>s</sup>	18 <sup>h</sup> 38 <sup>m</sup> 38 <sup>s</sup>	S 7
M 8	1 5 48	14 <sup>h</sup> 35 <sup>m</sup> 28 <sup>s</sup>	26 <sup>h</sup> 3 <sup>m</sup> 3 <sup>s</sup>	9 <sup>h</sup> 59 <sup>m</sup> 59 <sup>s</sup>	24 <sup>h</sup> 7 <sup>m</sup> 7 <sup>s</sup>	27 <sup>h</sup> 22 <sup>m</sup> 22 <sup>s</sup>	8 <sup>h</sup> 59 <sup>m</sup> 59 <sup>s</sup>	27 <sup>h</sup> 15 <sup>m</sup> 15 <sup>s</sup>	0 <sup>h</sup> 11 <sup>m</sup> 11 <sup>s</sup>	26 <sup>h</sup> 34 <sup>m</sup> 34 <sup>s</sup>	21 <sup>h</sup> 54 <sup>m</sup> 54 <sup>s</sup>	11 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	10 <sup>h</sup> 47 <sup>m</sup> 47 <sup>s</sup>	3 <sup>h</sup> 59 <sup>m</sup> 59 <sup>s</sup>	18 <sup>h</sup> 43 <sup>m</sup> 43 <sup>s</sup>	M 8
T 9	1 9 45	15 <sup>h</sup> 34 <sup>m</sup> 20 <sup>s</sup>	8 <sup>h</sup> 3 <sup>m</sup> 3 <sup>s</sup>	11 <sup>h</sup> 5 <sup>m</sup> 5 <sup>s</sup>	25 <sup>h</sup> 18 <sup>m</sup> 18 <sup>s</sup>	28 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	8 <sup>h</sup> 55 <sup>m</sup> 55 <sup>s</sup>	27 <sup>h</sup> 16 <sup>m</sup> 16 <sup>s</sup>	0 <sup>h</sup> 15 <sup>m</sup> 15 <sup>s</sup>	26 <sup>h</sup> 35 <sup>m</sup> 35 <sup>s</sup>	21 <sup>h</sup> 53 <sup>m</sup> 53 <sup>s</sup>	11 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	10 <sup>h</sup> 43 <sup>m</sup> 43 <sup>s</sup>	4 <sup>h</sup> 6 <sup>m</sup> 6 <sup>s</sup>	18 <sup>h</sup> 48 <sup>m</sup> 48 <sup>s</sup>	T 9
W10	1 13 41	16 <sup>h</sup> 33 <sup>m</sup> 13 <sup>s</sup>	19 <sup>h</sup> 55 <sup>m</sup> 55 <sup>s</sup>	12 <sup>h</sup> 10 <sup>m</sup> 10 <sup>s</sup>	26 <sup>h</sup> 29 <sup>m</sup> 29 <sup>s</sup>	28 <sup>h</sup> 41 <sup>m</sup> 41 <sup>s</sup>	8 <sup>h</sup> 50 <sup>m</sup> 50 <sup>s</sup>	27 <sup>h</sup> 17 <sup>m</sup> 17 <sup>s</sup>	0 <sup>h</sup> 18 <sup>m</sup> 18 <sup>s</sup>	26 <sup>h</sup> 36 <sup>m</sup> 36 <sup>s</sup>	21 <sup>h</sup> 53 <sup>m</sup> 53 <sup>s</sup>	11 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	10 <sup>h</sup> 40 <sup>m</sup> 40 <sup>s</sup>	4 <sup>h</sup> 12 <sup>m</sup> 12 <sup>s</sup>	18 <sup>h</sup> 52 <sup>m</sup> 52 <sup>s</sup>	W10
T 11	1 17 38	17 <sup>h</sup> 32 <sup>m</sup> 08 <sup>s</sup>	1 <sup>h</sup> 45 <sup>m</sup> 45 <sup>s</sup>	13 <sup>h</sup> 12 <sup>m</sup> 12 <sup>s</sup>	27 <sup>h</sup> 39 <sup>m</sup> 39 <sup>s</sup>	29 <sup>h</sup> 21 <sup>m</sup> 21 <sup>s</sup>	8 <sup>h</sup> 45 <sup>m</sup> 45 <sup>s</sup>	27 <sup>h</sup> 17 <sup>m</sup> 17 <sup>s</sup>	0 <sup>h</sup> 22 <sup>m</sup> 22 <sup>s</sup>	26 <sup>h</sup> 37 <sup>m</sup> 37 <sup>s</sup>	21 <sup>h</sup> 53 <sup>m</sup> 53 <sup>s</sup>	11 <sup>h</sup> 3 <sup>m</sup> 3 <sup>s</sup>	10 <sup>h</sup> 37 <sup>m</sup> 37 <sup>s</sup>	4 <sup>h</sup> 19 <sup>m</sup> 19 <sup>s</sup>	18 <sup>h</sup> 57 <sup>m</sup> 57 <sup>s</sup>	T 11
F 12	1 21 34	18 <sup>h</sup> 31 <sup>m</sup> 05 <sup>s</sup>	13 <sup>h</sup> 35 <sup>m</sup> 35 <sup>s</sup>	14 <sup>h</sup> 11 <sup>m</sup> 11 <sup>s</sup>	28 <sup>h</sup> 50 <sup>m</sup> 50 <sup>s</sup>	0 <sup>h</sup> 11 <sup>m</sup> 11 <sup>s</sup>	8 <sup>h</sup> 41 <sup>m</sup> 41 <sup>s</sup>	27 <sup>h</sup> 18 <sup>m</sup> 18 <sup>s</sup>	0 <sup>h</sup> 26 <sup>m</sup> 26 <sup>s</sup>	26 <sup>h</sup> 38 <sup>m</sup> 38 <sup>s</sup>	21 <sup>h</sup> 52 <sup>m</sup> 52 <sup>s</sup>	11 <sup>h</sup> 4 <sup>m</sup> 4 <sup>s</sup>	10 <sup>h</sup> 34 <sup>m</sup> 34 <sup>s</sup>	4 <sup>h</sup> 26 <sup>m</sup> 26 <sup>s</sup>	19 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	F 12
S 13	1 25 31	19 <sup>h</sup> 30 <sup>m</sup> 03 <sup>s</sup>	25 <sup>h</sup> 30 <sup>m</sup> 30 <sup>s</sup>	15 <sup>h</sup> 8 <sup>m</sup> 8 <sup>s</sup>	0 <sup>h</sup> 7 <sup>m</sup> 7 <sup>s</sup>	0 <sup>h</sup> 40 <sup>m</sup> 40 <sup>s</sup>	8 <sup>h</sup> 37 <sup>m</sup> 37 <sup>s</sup>	27 <sup>h</sup> 19 <sup>m</sup> 19 <sup>s</sup>	0 <sup>h</sup> 29 <sup>m</sup> 29 <sup>s</sup>	26 <sup>h</sup> 39 <sup>m</sup> 39 <sup>s</sup>	21 <sup>h</sup> 52 <sup>m</sup> 52 <sup>s</sup>	11 <sup>h</sup> 5 <sup>m</sup> 5 <sup>s</sup>	10 <sup>h</sup> 31 <sup>m</sup> 31 <sup>s</sup>	4 <sup>h</sup> 32 <sup>m</sup> 32 <sup>s</sup>	19 <sup>h</sup> 7 <sup>m</sup> 7 <sup>s</sup>	S 13
S 14	1 29 27	20 <sup>h</sup> 29 <sup>m</sup> 03 <sup>s</sup>	7 <sup>h</sup> 32 <sup>m</sup> 32 <sup>s</sup>	16 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	1 <sup>h</sup> 10 <sup>m</sup> 10 <sup>s</sup>	1 <sup>h</sup> 20 <sup>m</sup> 20 <sup>s</sup>	8 <sup>h</sup> 33 <sup>m</sup> 33 <sup>s</sup>	27 <sup>h</sup> 21 <sup>m</sup> 21 <sup>s</sup>	0 <sup>h</sup> 33 <sup>m</sup> 33 <sup>s</sup>	26 <sup>h</sup> 40 <sup>m</sup> 40 <sup>s</sup>	21 <sup>h</sup> 51 <sup>m</sup> 51 <sup>s</sup>	11 <sup>h</sup> 5 <sup>m</sup> 5 <sup>s</sup>	10 <sup>h</sup> 27 <sup>m</sup> 27 <sup>s</sup>	4 <sup>h</sup> 39 <sup>m</sup> 39 <sup>s</sup>	19 <sup>h</sup> 11 <sup>m</sup> 11 <sup>s</sup>	S 14
M15	1 33 24	21 <sup>h</sup> 28 <sup>m</sup> 06 <sup>s</sup>	19 <sup>h</sup> 44 <sup>m</sup> 44 <sup>s</sup>	16 <sup>h</sup> 53 <sup>m</sup> 53 <sup>s</sup>	2 <sup>h</sup> 21 <sup>m</sup> 21 <sup>s</sup>	2 <sup>h</sup> 0 <sup>m</sup> 0 <sup>s</sup>	8 <sup>h</sup> 29 <sup>m</sup> 29 <sup>s</sup>	27 <sup>h</sup> 22 <sup>m</sup> 22 <sup>s</sup>	0 <sup>h</sup> 37 <sup>m</sup> 37 <sup>s</sup>	26 <sup>h</sup> 41 <sup>m</sup> 41 <sup>s</sup>	21 <sup>h</sup> 51 <sup>m</sup> 51 <sup>s</sup>	11 <sup>h</sup> 5 <sup>m</sup> 5 <sup>s</sup>	10 <sup>h</sup> 24 <sup>m</sup> 24 <sup>s</sup>	4 <sup>h</sup> 46 <sup>m</sup> 46 <sup>s</sup>	19 <sup>h</sup> 16 <sup>m</sup> 16 <sup>s</sup>	M15
T 16	1 37 20	22 <sup>h</sup> 27 <sup>m</sup> 10 <sup>s</sup>	2 <sup>h</sup> 8 <sup>m</sup> 8 <sup>s</sup>	17 <sup>h</sup> 41 <sup>m</sup> 41 <sup>s</sup>	3 <sup>h</sup> 31 <sup>m</sup> 31 <sup>s</sup>	2 <sup>h</sup> 40 <sup>m</sup> 40 <sup>s</sup>	8 <sup>h</sup> 25 <sup>m</sup> 25 <sup>s</sup>	27 <sup>h</sup> 23 <sup>m</sup> 23 <sup>s</sup>	0 <sup>h</sup> 40 <sup>m</sup> 40 <sup>s</sup>	26 <sup>h</sup> 42 <sup>m</sup> 42 <sup>s</sup>	21 <sup>h</sup> 50 <sup>m</sup> 50 <sup>s</sup>	11 <sup>h</sup> 4 <sup>m</sup> 4 <sup>s</sup>	10 <sup>h</sup> 21 <sup>m</sup> 21 <sup>s</sup>	4 <sup>h</sup> 52 <sup>m</sup> 52 <sup>s</sup>	19 <sup>h</sup> 22 <sup>m</sup> 22 <sup>s</sup>	T 16
W17	1 41 17	23 <sup>h</sup> 26 <sup>m</sup> 16 <sup>s</sup>	14 <sup>h</sup> 40 <sup>m</sup> 40 <sup>s</sup>	18 <sup>h</sup> 25 <sup>m</sup> 25 <sup>s</sup>	4 <sup>h</sup> 41 <sup>m</sup> 41 <sup>s</sup>	3 <sup>h</sup> 20 <sup>m</sup> 20 <sup>s</sup>	8 <sup>h</sup> 21 <sup>m</sup> 21 <sup>s</sup>	27 <sup>h</sup> 25 <sup>m</sup> 25 <sup>s</sup>	0 <sup>h</sup> 44 <sup>m</sup> 44 <sup>s</sup>	26 <sup>h</sup> 43 <sup>m</sup> 43 <sup>s</sup>	21 <sup>h</sup> 50 <sup>m</sup> 50 <sup>s</sup>	11 <sup>h</sup> 3 <sup>m</sup> 3 <sup>s</sup>	10 <sup>h</sup> 18 <sup>m</sup> 18 <sup>s</sup>	4 <sup>h</sup> 59 <sup>m</sup> 59 <sup>s</sup>	19 <sup>h</sup> 27 <sup>m</sup> 27 <sup>s</sup>	W17
T 18	1 45 14	24 <sup>h</sup> 25 <sup>m</sup> 25 <sup>s</sup>	27 <sup>h</sup> 28 <sup>m</sup> 28 <sup>s</sup>	19 <sup>h</sup> 4 <sup>m</sup> 4 <sup>s</sup>	5 <sup>h</sup> 51 <sup>m</sup> 51 <sup>s</sup>	4 <sup>h</sup> 0 <sup>m</sup> 0 <sup>s</sup>	8 <sup>h</sup> 18 <sup>m</sup> 18 <sup>s</sup>	27 <sup>h</sup> 26 <sup>m</sup> 26 <sup>s</sup>	0 <sup>h</sup> 47 <sup>m</sup> 47 <sup>s</sup>	26 <sup>h</sup> 45 <sup>m</sup> 45 <sup>s</sup>	21 <sup>h</sup> 49 <sup>m</sup> 49 <sup>s</sup>	11 <sup>h</sup> 1 <sup>m</sup> 1 <sup>s</sup>	10 <sup>h</sup> 15 <sup>m</sup> 15 <sup>s</sup>	5 <sup>h</sup> 6 <sup>m</sup> 6 <sup>s</sup>	19 <sup>h</sup> 32 <sup>m</sup> 32 <sup>s</sup>	T 18
F 19	1 49 10	25 <sup>h</sup> 24 <sup>m</sup> 36 <sup>s</sup>	10 <sup>h</sup> 29 <sup>m</sup> 29 <sup>s</sup>	19 <sup>h</sup> 40 <sup>m</sup> 40 <sup>s</sup>	7 <sup>h</sup> 1 <sup>m</sup> 1 <sup>s</sup>	4 <sup>h</sup> 40 <sup>m</sup> 40 <sup>s</sup>	8 <sup>h</sup> 15 <sup>m</sup> 15 <sup>s</sup>	27 <sup>h</sup> 28 <sup>m</sup> 28 <sup>s</sup>	0 <sup>h</sup> 51 <sup>m</sup> 51 <sup>s</sup>	26 <sup>h</sup> 46 <sup>m</sup> 46 <sup>s</sup>	21 <sup>h</sup> 49 <sup>m</sup> 49 <sup>s</sup>	10 <sup>h</sup> 59 <sup>m</sup> 59 <sup>s</sup>	10 <sup>h</sup> 12 <sup>m</sup> 12 <sup>s</sup>	5 <sup>h</sup> 12 <sup>m</sup> 12 <sup>s</sup>	19 <sup>h</sup> 37 <sup>m</sup> 37 <sup>s</sup>	F 19
S 20	1 53 7	26 <sup>h</sup> 23 <sup>m</sup> 49 <sup>s</sup>	23 <sup>h</sup> 44 <sup>m</sup> 44 <sup>s</sup>	20 <sup>h</sup> 10 <sup>m</sup> 10 <sup>s</sup>	8 <sup>h</sup> 11 <sup>m</sup> 11 <sup>s</sup>	5 <sup>h</sup> 20 <sup>m</sup> 20 <sup>s</sup>	8 <sup>h</sup> 12 <sup>m</sup> 12 <sup>s</sup>	27 <sup>h</sup> 30 <sup>m</sup> 30 <sup>s</sup>	0 <sup>h</sup> 54 <sup>m</sup> 54 <sup>s</sup>	26 <sup>h</sup> 47 <sup>m</sup> 47 <sup>s</sup>	21 <sup>h</sup> 48 <sup>m</sup> 48 <sup>s</sup>	10 <sup>h</sup> 57 <sup>m</sup> 57 <sup>s</sup>	10 <sup>h</sup> 8 <sup>m</sup> 8 <sup>s</sup>	5 <sup>h</sup> 19 <sup>m</sup> 19 <sup>s</sup>	19 <sup>h</sup> 42 <sup>m</sup> 42 <sup>s</sup>	S 20
S 21	1 57 3	27 <sup>h</sup> 23 <sup>m</sup> 04 <sup>s</sup>	7 <sup>h</sup> 51 <sup>m</sup> 51 <sup>s</sup>	20 <sup>h</sup> 35 <sup>m</sup> 35 <sup>s</sup>	9 <sup>h</sup> 21 <sup>m</sup> 21 <sup>s</sup>	6 <sup>h</sup> 0 <sup>m</sup> 0 <sup>s</sup>	8 <sup>h</sup> 9 <sup>m</sup> 9 <sup>s</sup>	27 <sup>h</sup> 31 <sup>m</sup> 31 <sup>s</sup>	0 <sup>h</sup> 58 <sup>m</sup> 58 <sup>s</sup>	26 <sup>h</sup> 49 <sup>m</sup> 49 <sup>s</sup>	21 <sup>h</sup> 48 <sup>m</sup> 48 <sup>s</sup>	10 <sup>h</sup> 56 <sup>m</sup> 56 <sup>s</sup>	10 <sup>h</sup> 5 <sup>m</sup> 5 <sup>s</sup>	5 <sup>h</sup> 26 <sup>m</sup> 26 <sup>s</sup>	19 <sup>h</sup> 48 <sup>m</sup> 48 <sup>s</sup>	S 21
M22	2 1 0	28 <sup>h</sup> 22 <sup>m</sup> 22 <sup>s</sup>	20 <sup>h</sup> 57 <sup>m</sup> 57 <sup>s</sup>	20 <sup>h</sup> 54 <sup>m</sup> 54 <sup>s</sup>	10 <sup>h</sup> 30 <sup>m</sup> 30 <sup>s</sup>	6 <sup>h</sup> 40 <sup>m</sup> 40 <sup>s</sup>	8 <sup>h</sup> 7 <sup>m</sup> 7 <sup>s</sup>	27 <sup>h</sup> 33 <sup>m</sup> 33 <sup>s</sup>	1 <sup>h</sup> 1 <sup>m</sup> 1 <sup>s</sup>	26 <sup>h</sup> 50 <sup>m</sup> 50 <sup>s</sup>	21 <sup>h</sup> 47 <sup>m</sup> 47 <sup>s</sup>	10 <sup>h</sup> 55 <sup>m</sup> 55 <sup>s</sup>	10 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	5 <sup>h</sup> 32 <sup>m</sup> 32 <sup>s</sup>	19 <sup>h</sup> 53 <sup>m</sup> 53 <sup>s</sup>	M22
T 23	2 4 56	29 <sup>h</sup> 21 <sup>m</sup> 42 <sup>s</sup>	4 <sup>h</sup> 54 <sup>m</sup> 54 <sup>s</sup>	21 <sup>h</sup> 7 <sup>m</sup> 7 <sup>s</sup>	11 <sup>h</sup> 40 <sup>m</sup> 40 <sup>s</sup>	7 <sup>h</sup> 20 <sup>m</sup> 20 <sup>s</sup>	8 <sup>h</sup> 4 <sup>m</sup> 4 <sup>s</sup>	27 <sup>h</sup> 35 <sup>m</sup> 35 <sup>s</sup>	1 <sup>h</sup> 5 <sup>m</sup> 5 <sup>s</sup>	26 <sup>h</sup> 51 <sup>m</sup> 51 <sup>s</sup>	21 <sup>h</sup> 46 <sup>m</sup> 46 <sup>s</sup>	10 <sup>h</sup> 55 <sup>m</sup> 55 <sup>s</sup>	9 <sup>h</sup> 59 <sup>m</sup> 59 <sup>s</sup>	5 <sup>h</sup> 39 <sup>m</sup> 39 <sup>s</sup>	19 <sup>h</sup> 59 <sup>m</sup> 59 <sup>s</sup>	T 23
W24	2 8 53	0 <sup>h</sup> 11 <sup>m</sup> 21 <sup>s</sup> 04 <sup>s</sup>	19 <sup>h</sup> 6 <sup>m</sup> 6 <sup>s</sup>	21 <sup>h</sup> 14 <sup>m</sup> 14 <sup>s</sup>	12 <sup>h</sup> 50 <sup>m</sup> 50 <sup>s</sup>	8 <sup>h</sup> 1 <sup>m</sup> 1 <sup>s</sup>	8 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	27 <sup>h</sup> 38 <sup>m</sup> 38 <sup>s</sup>	1 <sup>h</sup> 8 <sup>m</sup> 8 <sup>s</sup>	26 <sup>h</sup> 53 <sup>m</sup> 53 <sup>s</sup>	21 <sup>h</sup> 46 <sup>m</sup> 46 <sup>s</sup>	10 <sup>h</sup> 55 <sup>m</sup> 55 <sup>s</sup>	9 <sup>h</sup> 56 <sup>m</sup> 56 <sup>s</sup>	5 <sup>h</sup> 46 <sup>m</sup> 46 <sup>s</sup>	20 <sup>h</sup> 4 <sup>m</sup> 4 <sup>s</sup>	W24
T 25	2 12 49	1 <sup>h</sup> 20 <sup>m</sup> 28 <sup>s</sup>	3 <sup>h</sup> 11 <sup>m</sup> 29 <sup>s</sup>	21 <sup>h</sup> 13 <sup>m</sup> 13 <sup>s</sup>	13 <sup>h</sup> 59 <sup>m</sup> 59 <sup>s</sup>	8 <sup>h</sup> 41 <sup>m</sup> 41 <sup>s</sup>	8 <sup>h</sup> 0 <sup>m</sup> 0 <sup>s</sup>	27 <sup>h</sup> 40 <sup>m</sup> 40 <sup>s</sup>	1 <sup>h</sup> 12 <sup>m</sup> 12 <sup>s</sup>	26 <sup>h</sup> 54 <sup>m</sup> 54 <sup>s</sup>	21 <sup>h</sup> 45 <sup>m</sup> 45 <sup>s</sup>	10 <sup>h</sup> 57 <sup>m</sup> 57 <sup>s</sup>	9 <sup>h</sup> 53 <sup>m</sup> 53 <sup>s</sup>	5 <sup>h</sup> 52 <sup>m</sup> 52 <sup>s</sup>	20 <sup>h</sup> 10 <sup>m</sup> 10 <sup>s</sup>	T 25
F 26	2 16 46	2 <sup>h</sup> 19 <sup>m</sup> 55 <sup>s</sup>	18 <sup>h</sup> 0 <sup>m</sup> 0 <sup>s</sup>	21 <sup>h</sup> 4 <sup>m</sup> 4 <sup>s</sup>	15 <sup>h</sup> 9 <sup>m</sup> 9 <sup>s</sup>	9 <sup>h</sup> 21 <sup>m</sup> 21 <sup>s</sup>	7 <sup>h</sup> 58 <sup>m</sup> 58 <sup>s</sup>	27 <sup>h</sup> 42 <sup>m</sup> 42 <sup>s</sup>	1 <sup>h</sup> 15 <sup>m</sup> 15 <sup>s</sup>	26 <sup>h</sup> 56 <sup>m</sup> 56 <sup>s</sup>	21 <sup>h</sup> 44 <sup>m</sup> 44 <sup>s</sup>	10 <sup>h</sup> 58 <sup>m</sup> 58 <sup>s</sup>	9 <sup>h</sup> 49 <sup>m</sup> 49 <sup>s</sup>	5 <sup>h</sup> 59 <sup>m</sup> 59 <sup>s</sup>	20 <sup>h</sup> 16 <sup>m</sup> 16 <sup>s</sup>	F 26
S 27	2 20 43	3 <sup>h</sup> 19 <sup>m</sup> 24 <sup>s</sup>	2 <sup>h</sup> 53 <sup>m</sup> 36 <sup>s</sup>	20 <sup>h</sup> 47 <sup>m</sup> 47 <sup>s</sup>	16 <sup>h</sup> 18 <sup>m</sup> 18 <sup>s</sup>	10 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	7 <sup>h</sup> 57 <sup>m</sup> 57 <sup>s</sup>	27 <sup>h</sup> 45 <sup>m</sup> 45 <sup>s</sup>	1 <sup>h</sup> 18 <sup>m</sup> 18 <sup>s</sup>	26 <sup>h</sup> 57 <sup>m</sup> 57 <sup>s</sup>	21 <sup>h</sup> 44 <sup>m</sup> 44 <sup>s</sup>	10 <sup>h</sup> 59 <sup>m</sup> 59 <sup>s</sup>	9 <sup>h</sup> 46 <sup>m</sup> 46 <sup>s</sup>	6 <sup>h</sup> 6 <sup>m</sup> 6 <sup>s</sup>	20 <sup>h</sup> 21 <sup>m</sup> 21 <sup>s</sup>	S 27
S 28	2 24 39	4 <sup>h</sup> 18 <sup>m</sup> 55 <sup>s</sup>	17 <sup>h</sup> 10 <sup>m</sup> 10 <sup>s</sup>	20 <sup>h</sup> 22 <sup>m</sup> 22 <sup>s</sup>	17 <sup>h</sup> 27 <sup>m</sup> 27 <sup>s</sup>	10 <sup>h</sup> 42 <sup>m</sup> 42 <sup>s</sup>	7 <sup>h</sup> 55 <sup>m</sup> 55 <sup>s</sup>	27 <sup>h</sup> 47 <sup>m</sup> 47 <sup>s</sup>	1 <sup>h</sup> 22 <sup>m</sup> 22 <sup>s</sup>	26 <sup>h</sup> 59 <sup>m</sup> 59 <sup>s</sup>	21 <sup>h</sup> 43 <sup>m</sup> 43 <sup>s</sup>	10 <sup>h</sup> 59 <sup>m</sup> 59 <sup>s</sup>	9 <sup>h</sup> 43 <sup>m</sup> 43 <sup>s</sup>	6 <sup>h</sup> 12 <sup>m</sup> 12 <sup>s</sup>	20 <sup>h</sup> 27 <sup>m</sup> 27 <sup>s</sup>	S 28
M29	2 28 36	5 <sup>h</sup> 18 <sup>m</sup> 28 <sup>s</sup>	1 <sup>h</sup> 11 <sup>m</sup> 38 <sup>s</sup>	19 <sup>h</sup> 48 <sup>m</sup> 48 <sup>s</sup>												

## ASTRODIENST EPHEMERIS for the year 2638

NOVEMBER 2638

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 40 25	8♍17°19	13♌26	17°R15	22♌3	13♍24	7°R52	27♌58	1♌35	27♌5	21°R40	10°R48	9♍30	6♌39	20♌51	T 1
F 2	2 44 22	9°17'00	26°38	16♍10	23°12	14° 5	7♌52	28° 1	1°38	27° 7	21°R39	10°Y43	9°27	6°46	20°57	F 2
S 3	2 48 18	10°16'43	9♌28	14°59	24°21	14°46	7°D52	28° 4	1°41	27° 8	21°38	10°39	9°24	6°52	21° 3	S 3
S 4	2 52 15	11°16'27	21°58	13°45	25°29	15°26	7°52	28° 7	1°44	27°10	21°38	10°36	9°21	6°59	21° 9	S 4
M 5	2 56 12	12°16'13	4♌10	12°29	26°38	16° 7	7°52	28°10	1°48	27°12	21°37	10°35	9°18	7° 6	21°16	M 5
T 6	3 0 8	13°16'01	16°10	11°14	27°46	16°48	7°52	28°14	1°51	27°14	21°36	10°D34	9°14	7°12	21°22	T 6
W 7	3 4 5	14°15'50	28° 2	10° 1	28°54	17°29	7°53	28°17	1°54	27°15	21°35	10°35	9°11	7°19	21°28	W 7
T 8	3 8 1	15°15'41	9♌51	8°54	0♌2	18°10	7°54	28°21	1°57	27°17	21°34	10°37	9° 8	7°26	21°34	T 8
F 9	3 11 58	16°15'33	21°43	7°54	1°10	18°51	7°55	28°24	2° 0	27°19	21°33	10°39	9° 5	7°32	21°41	F 9
S 10	3 15 54	17°15'27	3♍41	7° 3	2°18	19°32	7°56	28°28	2° 3	27°21	21°32	10°40	9° 2	7°39	21°47	S 10
S 11	3 19 51	18°15'23	15°50	6°22	3°25	20°13	7°58	28°31	2° 6	27°23	21°31	10°R40	8°59	7°46	21°54	S 11
M12	3 23 47	19°15'20	28°13	5°53	4°33	20°54	7°59	28°35	2° 8	27°24	21°31	10°38	8°55	7°52	22° 0	M12
T 13	3 27 44	20°15'20	10♌51	5°35	5°40	21°35	8° 1	28°39	2°11	27°26	21°30	10°35	8°52	7°59	22° 7	T 13
W14	3 31 41	21°15'21	23°46	5°D28	6°47	22°16	8° 3	28°43	2°14	27°28	21°29	10°30	8°49	8° 6	22°13	W14
T 15	3 35 37	22°15'24	6♍57	5°33	7°54	22°58	8° 5	28°47	2°17	27°30	21°28	10°23	8°46	8°12	22°20	T 15
F 16	3 39 34	23°15'29	20°22	5°48	9° 1	23°39	8° 8	28°51	2°20	27°32	21°27	10°15	8°43	8°19	22°27	F 16
S 17	3 43 30	24°15'36	4♌1	6°14	10° 8	24°20	8°11	28°56	2°22	27°34	21°26	10° 8	8°39	8°26	22°33	S 17
S 18	3 47 27	25°15'45	17°49	6°49	11°14	25° 2	8°13	29° 0	2°25	27°36	21°25	10° 2	8°36	8°32	22°40	S 18
M19	3 51 23	26°15'56	1♌45	7°32	12°21	25°43	8°16	29° 4	2°28	27°38	21°24	9°57	8°33	8°39	22°47	M19
T 20	3 55 20	27°16'09	15°47	8°22	13°27	26°25	8°20	29° 9	2°30	27°40	21°23	9°55	8°30	8°46	22°54	T 20
W21	3 59 17	28°16'24	29°53	9°19	14°33	27° 6	8°23	29°13	2°33	27°42	21°22	9°D54	8°27	8°52	23° 0	W21
T 22	4 3 13	29°16'40	14♍1	10°22	15°38	27°48	8°27	29°18	2°35	27°44	21°21	9°55	8°24	8°59	23° 7	T 22
F 23	4 7 10	0♌16'59	28°11	11°30	16°44	28°29	8°31	29°22	2°38	27°46	21°20	9°56	8°20	9° 6	23°14	F 23
S 24	4 11 6	1°17'20	12♌21	12°42	17°49	29°11	8°35	29°27	2°40	27°48	21°18	9°R56	8°17	9°12	23°21	S 24
S 25	4 15 3	2°17'43	26°28	13°58	18°54	29°53	8°39	29°32	2°42	27°50	21°17	9°55	8°14	9°19	23°28	S 25
M26	4 18 59	3°18'07	10♍29	15°17	19°59	0♌35	8°43	29°37	2°45	27°52	21°16	9°51	8°11	9°26	23°35	M26
T 27	4 22 56	4°18'33	24°22	16°39	21° 4	1°16	8°48	29°42	2°47	27°54	21°15	9°45	8° 8	9°32	23°42	T 27
W28	4 26 52	5°19'01	8♌2	18° 3	22° 8	1°58	8°52	29°47	2°49	27°56	21°14	9°37	8° 5	9°39	23°49	W28
T 29	4 30 49	6°19'31	21°26	19°29	23°12	2°40	8°57	29°52	2°51	27°59	21°13	9°27	8° 1	9°46	23°56	T 29
F 30	4 34 46	7°20'02	4♌32	20♍56	24♌16	3♌22	9♌3	29♌57	2♌54	28♌1	21°R12	9°Y16	7°Y58	9♌52	24♌3	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	14s13	26s56	4s38	18s55	2s 4	25s35	2s28	15s40	0n 9	9s45	1s15	20s41	0s11	0n 3	0n44	22s 2
F 2	14 32	28 23	5 4	18 20	1 48	25 41	2 30	15 52	0 9	9 45	1 15	20 40	0 11	0 1	0 44	22 2
S 3	14 51	28 13	5 13	17 42	1 29	25 47	2 32	16 5	0 8	9 45	1 15	20 39	0 11	0 0	0 44	22 2
S 4	15 10	26 37	5 7	17 2	1 10	25 52	2 35	16 17	0 8	9 45	1 15	20 39	0 11	0s 1	0 44	22 2
M 5	15 28	23 48	4 47	16 19	0 50	25 56	2 37	16 30	0 7	9 45	1 14	20 38	0 11	0 2	0 44	22 3
T 6	15 46	19 59	4 15	15 37	0 29	26 0	2 39	16 42	0 6	9 44	1 14	20 38	0 11	0 4	0 44	22 3
W 7	16 4	15 26	3 32	14 54	0 8	26 3	2 41	16 54	0 6	9 44	1 14	20 37	0 11	0 5	0 44	22 3
T 8	16 21	10 19	2 40	14 14	0n12	26 5	2 43	17 6	0 5	9 43	1 14	20 36	0 11	0 6	0 44	22 3
F 9	16 39	4 50	1 42	13 36	0 31	26 6	2 45	17 18	0 5	9 43	1 14	20 36	0 11	0 7	0 44	22 3
S 10	16 56	0n53	0 38	13 3	0 49	26 7	2 47	17 29	0 4	9 42	1 13	20 35	0 11	0 8	0 44	22 3
S 11	17 12	6 39	0n28	12 34	1 6	26 8	2 49	17 41	0 4	9 41	1 13	20 34	0 11	0 9	0 44	22 3
M12	17 29	12 16	1 34	12 10	1 21	26 7	2 50	17 52	0 3	9 41	1 13	20 34	0 11	0 10	0 44	22 3
T 13	17 45	17 31	2 37	11 51	1 34	26 6	2 52	18 4	0 2	9 40	1 13	20 33	0 12	0 12	0 44	22 3
W14	18 1	22 5	3 32	11 38	1 46	26 4	2 53	18 15	0 2	9 39	1 13	20 32	0 12	0 13	0 44	22 3
T 15	18 16	25 38	4 18	11 31	1 55	26 2	2 55	18 26	0 1	9 38	1 13	20 31	0 12	0 14	0 44	22 3
F 16	18 32	27 50	4 50	11 29	2 3	25 59	2 56	18 37	0 1	9 37	1 12	20 31	0 12	0 15	0 44	22 3
S 17	18 46	28 24	5 7	11 32	2 9	25 55	2 57	18 47	0 0	9 36	1 12	20 30	0 12	0 16	0 44	22 3
S 18	19 1	27 13	5 6	11 39	2 13	25 50	2 58	18 58	0s 0	9 34	1 12	20 29	0 12	0 17	0 44	22 3
M19	19 15	24 21	4 46	11 50	2 16	25 45	2 59	19 8	0 1	9 33	1 12	20 28	0 12	0 18	0 44	22 4
T 20	19 29	20 2	4 10	12 4	2 18	25 39	2 59	19 19	0 2	9 32	1 12	20 27	0 12	0 19	0 44	22 4
W21	19 43	14 35	3 19	12 22	2 18	25 33	3 0	19 29	0 2	9 30	1 11	20 26	0 12	0 20	0 44	22 4
T 22	19 56	8 21	2 15	12 42	2 17	25 26	3 0	19 39	0 3	9 29	1 11	20 26	0 12	0 21	0 44	22 4
F 23	20 9	1 41	1 3	13 5	2 16	25 18	3 1	19 49	0 3	9 27	1 11	20 25	0 12	0 22	0 44	22 4
S 24	20 21	5s 4	0s13	13 29	2 13	25 10	3 1	19 58	0 4	9 25	1 11	20 24	0 12	0 23	0 44	22 4
S 25	20 33	11 32	1 28	13 54	2 10	25 1	3 1	20 8	0 5	9 24	1 11	20 23	0 12	0 24	0 44	22 4
M26	20 45	17 24	2 36	14 21	2 6	24 52	3 1	20 17	0 5	9 22	1 11	20 22	0 12	0 24	0 44	22 4
T 27	20 56	22 16	3 35	14 49	2 2	24 41	3 1	20 26	0 6	9 20	1 10	20 21	0 12	0 25	0 45	22 4
W28	21 7	25 51	4 20	15 17	1 57	24 31	3 0	20 35	0 6	9 18	1 10	20 20	0 12	0 26	0 45	22 4
T 29	21 18	27 54	4 50	15 45	1 51	24 20	3 0	20 44	0 7	9 16	1 10	20 19	0 12	0 27	0 45	22 4
F 30	21s28	28s20	5s 3	16s14	1n46	24s 8	2s59	20s53	0s 8	9s14	1s10	20s18	0s13	0s28	0n45	22s 4

Julian Day Number = 2684873.5, Delta T = 22m48s

Ecliptic obliquity = 23°21'32", Nutation = - 0°00'04"

Ayanamsha: Fagan/Bradley = 33°40'34", Lahiri = 32°47'34"

## ASTRODIENST EPHEMERIS for the year 2638

DECEMBER 2638

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 38 42	8♂20'34	17♂19	22♂25	25♂20	4♂4	9♂8	0♂2	2♂56	28♂3	21♂R11	9♂R 6	7♂Y55	9♂X59	24♂10	S 1
S 2	4 42 39	9°21'08	29°48	23°54	26°23	4°46	9°13	0°8	2°58	28°5	21♂10	8♂Y57	7°52	10°6	24°17	S 2
M 3	4 46 35	10°21'43	12♂0	25°25	27°26	5°28	9°19	0°13	3°0	28°7	21°9	8°51	7°49	10°12	24°24	M 3
T 4	4 50 32	11°22'19	24°0	26°56	28°29	6°11	9°25	0°18	3°2	28°9	21°8	8°47	7°45	10°19	24°31	T 4
W 5	4 54 28	12°22'56	5♂51	28°28	29°31	6°53	9°31	0°24	3°3	28°12	21°6	8°45	7°42	10°26	24°38	W 5
T 6	4 58 25	13°23'34	17°40	0♂0	0♂33	7°35	9°37	0°29	3°5	28°14	21°5	8°D45	7°39	10°32	24°46	T 6
F 7	5 2 21	14°24'13	29°30	1°33	1°35	8°17	9°43	0°35	3°7	28°16	21°4	8°45	7°36	10°39	24°53	F 7
S 8	5 6 18	15°24'53	11♂Y29	3°6	2°36	9°0	9°50	0°41	3°9	28°18	21°3	8°R46	7°33	10°46	25°0	S 8
S 9	5 10 15	16°25'35	23°41	4°39	3°37	9°42	9°56	0°46	3°11	28°20	21°2	8°45	7°30	10°52	25°7	S 9
M10	5 14 11	17°26'17	6♂10	6°12	4°37	10°24	10°3	0°52	3°12	28°23	21°1	8°41	7°26	10°59	25°14	M10
T 11	5 18 8	18°27'01	19°0	7°45	5°38	11°7	10°10	0°58	3°14	28°25	21°0	8°35	7°23	11°6	25°21	T 11
W12	5 22 4	19°27'46	2♂11	9°19	6°37	11°49	10°17	1°4	3°15	28°27	20°58	8°26	7°20	11°12	25°29	W12
T 13	5 26 1	20°28'31	15°44	10°52	7°37	12°32	10°25	1°10	3°17	28°29	20°57	8°16	7°17	11°19	25°36	T 13
F 14	5 29 57	21°29'18	29°36	12°26	8°35	13°15	10°32	1°16	3°18	28°32	20°56	8°4	7°14	11°26	25°43	F 14
S 15	5 33 54	22°30'07	13♂43	14°0	9°34	13°57	10°40	1°22	3°20	28°34	20°55	7°52	7°11	11°32	25°50	S 15
S 16	5 37 50	23°30'56	27°59	15°33	10°32	14°40	10°48	1°28	3°21	28°36	20°54	7°41	7°7	11°39	25°58	S 16
M17	5 41 47	24°31'46	12♂19	17°7	11°29	15°23	10°56	1°34	3°22	28°38	20°53	7°33	7°4	11°46	26°5	M17
T 18	5 45 44	25°32'38	26°38	18°41	12°26	16°6	11°4	1°40	3°24	28°41	20°52	7°28	7°1	11°52	26°12	T 18
W19	5 49 40	26°33'31	10♂52	20°15	13°22	16°48	11°12	1°46	3°25	28°43	20°50	7°25	6°58	11°59	26°19	W19
T 20	5 53 37	27°34'25	25°0	21°48	14°18	17°31	11°20	1°53	3°26	28°45	20°49	7°D24	6°55	12°6	26°26	T 20
F 21	5 57 33	28°35'21	9♂0	23°22	15°13	18°14	11°29	1°59	3°27	28°47	20°48	7°R24	6°51	12°12	26°34	F 21
S 22	6 1 30	29°36'18	22°52	24°56	16°8	18°57	11°37	2°5	3°28	28°50	20°47	7°24	6°48	12°19	26°41	S 22
S 23	6 5 26	0♂37'15	6♂36	26°30	17°1	19°40	11°46	2°12	3°29	28°52	20°46	7°21	6°45	12°26	26°48	S 23
M24	6 9 23	1°38'14	20°12	28°4	17°55	20°23	11°55	2°18	3°30	28°54	20°45	7°16	6°42	12°32	26°55	M24
T 25	6 13 20	2°39'15	3♂39	29°38	18°47	21°7	12°4	2°24	3°31	28°56	20°44	7°7	6°39	12°39	27°2	T 25
W26	6 17 16	3°40'16	16°55	1♂12	19°39	21°50	12°13	2°31	3°31	28°59	20°43	6°56	6°36	12°46	27°10	W26
T 27	6 21 13	4°41'17	29°59	2°47	20°30	22°33	12°23	2°37	3°32	29°1	20°41	6°43	6°32	12°52	27°17	T 27
F 28	6 25 9	5°42'20	12♂49	4°21	21°21	23°16	12°32	2°44	3°33	29°3	20°40	6°28	6°29	12°59	27°24	F 28
S 29	6 29 6	6°43'23	25°25	5°56	22°10	24°0	12°42	2°51	3°33	29°6	20°39	6°14	6°26	13°6	27°31	S 29
S 30	6 33 2	7°44'27	7♂47	7°30	22°59	24°43	12°52	2°57	3°34	29°8	20°38	6°2	6°23	13°12	27°38	S 30
M31	6 36 59	8♂45'31	19♂55	9♂5	23♂47	25♂27	13♂1	3♂4	3♂34	29♂10	20♂37	5♂Y53	6♂Y20	13♂X19	27♂45	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	21s37	27s13	5s 1	16s42	1n40	23s55	2s58	21s 1	0s 8	9s12	1s10	20s17	0s13	0s29	0n45	22s 4
S 2	21 47	24 46	4 45	17 11	1 33	23 43	2 57	21 10	0 9	9 10	1 10	20 16	0 13	0 29	0 45	22 4
M 3	21 56	21 13	4 16	17 39	1 27	23 29	2 56	21 18	0 9	9 7	1 9	20 15	0 13	0 30	0 45	22 4
T 4	22 4	16 52	3 35	18 6	1 20	23 15	2 55	21 26	0 10	9 5	1 9	20 13	0 13	0 31	0 45	22 4
W 5	22 12	11 55	2 46	18 34	1 13	23 1	2 54	21 33	0 10	9 3	1 9	20 12	0 13	0 32	0 45	22 4
T 6	22 20	6 33	1 50	19 0	1 6	22 46	2 52	21 41	0 11	9 0	1 9	20 11	0 13	0 32	0 45	22 4
F 7	22 27	0 57	0 49	19 26	0 59	22 30	2 50	21 48	0 12	8 58	1 9	20 10	0 13	0 33	0 45	22 4
S 8	22 34	4n45	0n15	19 51	0 52	22 15	2 48	21 56	0 12	8 55	1 9	20 9	0 13	0 34	0 45	22 5
S 9	22 40	10 23	1 19	20 16	0 45	21 58	2 46	22 3	0 13	8 52	1 8	20 8	0 13	0 34	0 45	22 5
M10	22 46	15 44	2 20	20 39	0 38	21 41	2 44	22 9	0 13	8 50	1 8	20 7	0 13	0 35	0 45	22 5
T 11	22 52	20 33	3 16	21 2	0 31	21 24	2 41	22 16	0 14	8 47	1 8	20 5	0 13	0 35	0 45	22 5
W12	22 57	24 30	4 4	21 23	0 23	21 7	2 39	22 22	0 15	8 44	1 8	20 4	0 13	0 36	0 45	22 5
T 13	23 1	27 13	4 39	21 44	0 16	20 49	2 36	22 28	0 15	8 41	1 8	20 3	0 13	0 37	0 45	22 5
F 14	23 5	28 19	4 58	22 4	0 9	20 30	2 33	22 34	0 16	8 38	1 8	20 2	0 13	0 37	0 45	22 5
S 15	23 9	27 37	5 0	22 22	0 2	20 12	2 29	22 40	0 16	8 35	1 7	20 0	0 13	0 38	0 45	22 5
S 16	23 12	25 7	4 43	22 40	0s 5	19 53	2 26	22 46	0 17	8 32	1 7	19 59	0 13	0 38	0 45	22 5
M17	23 15	21 1	4 8	22 56	0 12	19 33	2 22	22 51	0 18	8 29	1 7	19 58	0 14	0 39	0 45	22 5
T 18	23 17	15 42	3 18	23 11	0 19	19 14	2 18	22 56	0 18	8 26	1 7	19 57	0 14	0 39	0 45	22 5
W19	23 19	9 33	2 15	23 25	0 25	18 54	2 14	23 1	0 19	8 22	1 7	19 55	0 14	0 39	0 45	22 5
T 20	23 20	2 59	1 5	23 38	0 32	18 33	2 10	23 6	0 19	8 19	1 7	19 54	0 14	0 40	0 45	22 5
F 21	23 21	3s41	0s 8	23 50	0 38	18 13	2 5	23 10	0 20	8 16	1 7	19 53	0 14	0 40	0 45	22 5
S 22	23 21	10 7	1 21	24 0	0 45	17 52	2 1	23 15	0 21	8 12	1 6	19 51	0 14	0 41	0 45	22 5
S 23	23 21	16 0	2 28	24 9	0 51	17 31	1 56	23 19	0 21	8 9	1 6	19 50	0 14	0 41	0 45	22 5
M24	23 21	21 2	3 25	24 17	0 57	17 10	1 51	23 22	0 22	8 5	1 6	19 48	0 14	0 41	0 46	22 5
T 25	23 20	24 55	4 11	24 24	1 3	16 48	1 45	23 26	0 22	8 2	1 6	19 47	0 14	0 42	0 46	22 5
W26	23 18	27 24	4 42	24 29	1 8	16 27	1 39	23 29	0 23	7 58	1 6	19 46	0 14	0 42	0 46	22 5
T 27	23 17	28 19	4 58	24 33	1 14	16 5	1 34	23 33	0 24	7 54	1 6	19 44	0 14	0 42	0 46	22 5
F 28	23 14	27 41	4 58	24 36	1 19	15 43	1 27	23 35	0 24	7 51	1 6	19 43	0 14	0 42	0 46	22 5
S 29	23 11	25 37	4 43	24 38	1 24	15 21	1 21	23 38	0 25	7 47	1 5	19 41	0 14	0 43	0 46	22 5
S 30	23 8	22 23	4 16	24 38	1 29	14 59	1 14	23 41	0 25	7 43	1 5	19 40	0 14	0 43	0 46	22 5
M31	23s 4	18s13	3s37	24s36	1s34	14s37	1s 7	23s43	0s26	7s39	1s 5	19s38	0s14	0s43	0n46	22s 5

Julian Day Number = 2684903.5, Delta T = 22m49s

Ecliptic obliquity = 23°21'31", Nutation = - 0°00'03"

Ayanamsha: Fagan/Bradley = 33°40'39", Lahiri = 32°47'39"

## ASTRODIENST EPHEMERIS for the year 2639

JANUARY 2639

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 40 55	9°34'35	1°52	10°340	24°34	26°10	13°11	3°11	3°35	29°12	20°36	5°46	6°17	13°26	27°52	T 1
W 2	6 44 52	10°47'40	13°42	12°15	25°20	26°53	13°22	3°17	3°35	29°14	20°35	5°42	6°13	13°32	27°59	W 2
T 3	6 48 49	11°48'45	25°29	13°51	26°5	27°37	13°32	3°24	3°36	29°17	20°34	5°40	6°10	13°39	28°6	T 3
F 4	6 52 45	12°49'50	7°18	15°27	26°49	28°21	13°42	3°31	3°36	29°19	20°33	5°40	6°7	13°45	28°14	F 4
S 5	6 56 42	13°50'55	19°15	17°3	27°32	29°4	13°53	3°38	3°36	29°21	20°32	5°40	6°4	13°52	28°21	S 5
S 6	7 0 38	14°52'00	1°25	18°39	28°13	29°48	14°3	3°45	3°36	29°23	20°31	5°39	6°1	13°59	28°28	S 6
M 7	7 4 35	15°53'06	13°53	20°15	28°54	0°32	14°14	3°52	3°36	29°26	20°30	5°36	5°57	14°5	28°35	M 7
T 8	7 8 31	16°54'11	26°45	21°52	29°33	1°15	14°25	3°58	3°36	29°28	20°29	5°30	5°54	14°12	28°41	T 8
W 9	7 12 28	17°55'17	10°11	23°29	0°12	1°59	14°36	4°5	3°36	29°30	20°28	5°22	5°51	14°19	28°48	W 9
T 10	7 16 24	18°56'23	23°47	25°6	0°48	2°43	14°47	4°12	3°36	29°32	20°27	5°12	5°48	14°25	28°55	T 10
F 11	7 20 21	19°57'28	7°57	26°43	1°24	3°27	14°58	4°19	3°36	29°34	20°26	5°0	5°45	14°32	29°2	F 11
S 12	7 24 18	20°58'34	22°27	28°21	1°58	4°11	15°9	4°26	3°36	29°36	20°25	4°48	5°42	14°39	29°9	S 12
S 13	7 28 14	21°59'40	7°19	29°59	2°30	4°55	15°20	4°33	3°36	29°38	20°24	4°38	5°38	14°45	29°16	S 13
M14	7 32 11	23°0'46	21°9	1°37	3°1	5°39	15°32	4°40	3°36	29°41	20°23	4°29	5°35	14°52	29°23	M14
T 15	7 36 7	24°1'52	6°14	3°15	3°31	6°23	15°43	4°47	3°35	29°43	20°22	4°24	5°32	14°59	29°29	T 15
W16	7 40 4	25°2'59	21°17	4°54	3°58	7°7	15°55	4°54	3°35	29°45	20°21	4°21	5°29	15°5	29°36	W16
T 17	7 44 0	26°4'05	5°19	6°32	4°24	7°51	16°7	5°1	3°34	29°47	20°20	4°D21	5°26	15°12	29°43	T 17
F 18	7 47 57	27°5'12	19°44	8°11	4°49	8°36	16°18	5°8	3°34	29°49	20°19	4°21	5°23	15°19	29°49	F 18
S 19	7 51 53	28°6'19	3°13	9°49	5°11	9°20	16°30	5°15	3°33	29°51	20°18	4°R21	5°19	15°25	29°56	S 19
S 20	7 55 50	29°7'26	17°7	11°27	5°31	10°4	16°42	5°22	3°33	29°53	20°17	4°19	5°16	15°32	0°3	S 20
M21	7 59 47	0°8'34	0°26	13°5	5°50	10°49	16°54	5°30	3°32	29°55	20°17	4°16	5°13	15°39	0°9	M21
T 22	8 3 43	1°9'41	13°33	14°43	6°6	11°33	17°6	5°37	3°31	29°57	20°16	4°9	5°10	15°45	0°16	T 22
W23	8 7 40	2°10'48	26°27	16°19	6°21	12°17	17°19	5°44	3°30	29°59	20°15	4°0	5°7	15°52	0°22	W23
T 24	8 11 36	3°11'56	9°3	17°56	6°33	13°2	17°31	5°51	3°30	0°1	20°14	3°49	5°3	15°59	0°29	T 24
F 25	8 15 33	4°13'03	21°41	19°31	6°43	13°46	17°43	5°58	3°29	0°3	20°13	3°37	5°0	16°5	0°35	F 25
S 26	8 19 29	5°14'09	4°1	21°4	6°51	14°31	17°56	6°5	3°28	0°5	20°13	3°25	4°57	16°12	0°41	S 26
S 27	8 23 26	6°15'16	16°11	22°37	6°56	15°16	18°9	6°12	3°27	0°7	20°12	3°15	4°54	16°19	0°48	S 27
M28	8 27 23	7°16'21	28°12	24°7	6°59	16°0	18°21	6°19	3°26	0°9	20°11	3°7	4°51	16°25	0°54	M28
T 29	8 31 19	8°17'26	10°5	25°34	6°R59	16°45	18°34	6°26	3°25	0°11	20°10	3°2	4°48	16°32	1°0	T 29
W30	8 35 16	9°18'31	21°53	26°59	6°58	17°30	18°47	6°34	3°23	0°13	20°10	2°59	4°44	16°39	1°6	W30
T 31	8 39 12	10°19'34	3°39	28°20	6°53	18°14	19°10	6°41	3°22	0°14	20°11	2°D58	4°41	16°45	1°12	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	23s 0	13s24	2s49	24s34	1s38	14s14	1s 0	23s45	0s27	7s35	1s 5	19s37	0s14	0s43	0n46	22s 5	1n16
W 2	22 55	8 8	1 54	24 30	1 42	13 52	0 53	23 46	0 27	7 31	1 5	19 35	0 14	0 43	0 46	22 5	1 16
T 3	22 50	2 37	0 54	24 24	1 46	13 30	0 45	23 48	0 28	7 27	1 5	19 34	0 15	0 43	0 46	22 5	1 16
F 4	22 45	3n 1	0n 9	24 17	1 50	13 7	0 37	23 49	0 28	7 23	1 5	19 32	0 15	0 43	0 46	22 5	1 16
S 5	22 38	8 37	1 11	24 9	1 53	12 45	0 29	23 50	0 29	7 19	1 5	19 31	0 15	0 43	0 46	22 5	1 16
S 6	22 32	13 59	2 12	23 59	1 56	12 22	0 21	23 51	0 30	7 15	1 4	19 29	0 15	0 43	0 46	22 5	1 16
M 7	22 25	18 56	3 8	23 48	1 59	12 0	0 12	23 52	0 30	7 10	1 4	19 28	0 15	0 43	0 46	22 5	1 16
T 8	22 18	23 11	3 56	23 36	2 2	11 38	0 3	23 52	0 31	7 6	1 4	19 26	0 15	0 43	0 46	22 5	1 16
W 9	22 10	26 23	4 33	23 22	2 4	11 16	0n 6	23 52	0 31	7 2	1 4	19 25	0 15	0 43	0 46	22 5	1 16
T 10	22 2	28 8	4 55	23 6	2 6	10 54	0 16	23 52	0 32	6 58	1 4	19 23	0 15	0 43	0 46	22 5	1 16
F 11	21 53	28 8	5 1	22 49	2 7	10 32	0 26	23 51	0 33	6 53	1 4	19 22	0 15	0 43	0 46	22 5	1 16
S 12	21 44	26 13	4 47	22 31	2 8	10 11	0 36	23 51	0 33	6 49	1 4	19 20	0 15	0 43	0 46	22 5	1 16
S 13	21 34	22 31	4 15	22 11	2 9	9 49	0 47	23 50	0 34	6 44	1 4	19 18	0 15	0 43	0 46	22 5	1 16
M14	21 24	17 22	3 25	21 50	2 9	9 28	0 57	23 49	0 34	6 40	1 3	19 17	0 15	0 43	0 46	22 5	1 16
T 15	21 14	11 13	2 21	21 27	2 9	9 7	1 8	23 47	0 35	6 35	1 3	19 15	0 15	0 43	0 46	22 5	1 16
W16	21 3	4 30	1 9	21 3	2 8	8 47	1 20	23 45	0 35	6 31	1 3	19 13	0 15	0 42	0 46	22 5	1 16
T 17	20 52	2s21	0s 7	20 38	2 7	8 27	1 31	23 44	0 36	6 26	1 3	19 12	0 15	0 42	0 47	22 5	1 16
F 18	20 40	8 57	1 21	20 11	2 6	8 7	1 43	23 41	0 37	6 21	1 3	19 10	0 16	0 42	0 47	22 5	1 16
S 19	20 28	15 0	2 29	19 43	2 3	7 47	1 56	23 39	0 37	6 17	1 3	19 9	0 16	0 42	0 47	22 5	1 16
S 20	20 16	20 12	3 27	19 13	2 1	7 28	2 8	23 36	0 38	6 12	1 3	19 7	0 16	0 41	0 47	22 5	1 16
M21	20 3	24 18	4 13	18 42	1 57	7 10	2 21	23 33	0 38	6 7	1 3	19 5	0 16	0 41	0 47	22 5	1 16
T 22	19 50	27 3	4 44	18 10	1 53	6 51	2 34	23 30	0 39	6 2	1 3	19 4	0 16	0 41	0 47	22 5	1 16
W23	19 36	28 19	5 1	17 37	1 49	6 34	2 47	23 27	0 40	5 57	1 3	19 2	0 16	0 40	0 47	22 5	1 16
T 24	19 23	28 4	5 2	17 3	1 43	6 17	3 1	23 23	0 40	5 53	1 3	19 0	0 16	0 40	0 47	22 5	1 16
F 25	19 8	26 22	4 49	16 27	1 37	6 0	3 14	23 19	0 41	5 48	1 2	18 59	0 16	0 40	0 47	22 5	1 16
S 26	18 54	23 26	4 22	15 51	1 30	5 45	3 28	23 15	0 41	5 43	1 2	18 57	0 16	0 39	0 47	22 5	1 16
S 27	18 39	19 29	3 43	15 14	1 23	5 30	3 42	23 11	0 42	5 38	1 2	18 55	0 16	0 39	0 47	22 5	1 16
M28	18 24	14 48	2 55	14 36	1 14	5 15	3 57	23 6	0 42	5 33	1 2	18 53	0 16	0 38	0 47	22 5	1 16
T 29	18 8	9 37	2 0	13 58	1 5	5 2	4 11	23 1	0 43	5 28	1 2	18 52	0 16	0 38	0 47	22 5	1 16
W30	17 52	4 7	0 59	13 20	0 55	4 49	4 25	22 56	0 44	5 23	1 2	18 50	0 16	0 37	0 47	22 5	1 16
T 31	17s36	1n30	0n 4	12s42	0s44	4s37	4n40	22s51	0s44	5s18	1s 2	18s48	0s16	0s37	0n47	22s 5	1n17

Julian Day Number = 2684934.5, Delta T = 22m49s

Ecliptic obliquity = 23°21'31, Nutation = - 0°00'01

Ayanamsha: Fagan/Bradley = 33°40'43, Lahiri = 32°47'43

# ASTRODIENST EPHEMERIS for the year 2639

FEBRUARY 2639

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8 43 9	11 <sup>20</sup> 37	15 <sup>27</sup> 27	29 <sup>37</sup> 37	6 <sup>46</sup> 46	18 <sup>59</sup> 59	19 <sup>12</sup> 12	6 <sup>48</sup> 48	3 <sup>21</sup> 21	0 <sup>16</sup> 16	20 <sup>8</sup> 8	2 <sup>59</sup> 59	4 <sup>38</sup> 38	16 <sup>52</sup> 52	1 <sup>18</sup> 18	F 1
S 2	8 47 5	12 <sup>21</sup> 39	27 <sup>22</sup> 22	0 <sup>49</sup> 49	6 <sup>37</sup> 37	19 <sup>44</sup> 44	19 <sup>25</sup> 25	6 <sup>55</sup> 55	3 <sup>20</sup> 20	0 <sup>18</sup> 18	20 <sup>8</sup> 8	3 <sup>0</sup> 0	4 <sup>35</sup> 35	16 <sup>58</sup> 58	1 <sup>24</sup> 24	S 2
S 3	8 51 2	13 <sup>22</sup> 40	9 <sup>29</sup> 29	1 <sup>56</sup> 56	6 <sup>25</sup> 25	20 <sup>29</sup> 29	19 <sup>39</sup> 39	7 <sup>2</sup> 2	3 <sup>18</sup> 18	0 <sup>20</sup> 20	20 <sup>7</sup> 7	3 <sup>1</sup> 1	4 <sup>32</sup> 32	17 <sup>5</sup> 5	1 <sup>30</sup> 30	S 3
M 4	8 54 58	14 <sup>23</sup> 41	21 <sup>54</sup> 54	2 <sup>56</sup> 56	6 <sup>10</sup> 10	21 <sup>14</sup> 14	19 <sup>52</sup> 52	7 <sup>9</sup> 9	3 <sup>17</sup> 17	0 <sup>22</sup> 22	20 <sup>6</sup> 6	3 <sup>1</sup> 1	4 <sup>29</sup> 29	17 <sup>12</sup> 12	1 <sup>36</sup> 36	M 4
T 5	8 58 55	15 <sup>24</sup> 40	4 <sup>11</sup> 41	3 <sup>49</sup> 49	5 <sup>53</sup> 53	21 <sup>59</sup> 59	20 <sup>5</sup> 5	7 <sup>16</sup> 16	3 <sup>15</sup> 15	0 <sup>23</sup> 23	20 <sup>6</sup> 6	2 <sup>58</sup> 58	4 <sup>25</sup> 25	17 <sup>18</sup> 18	1 <sup>42</sup> 42	T 5
W 6	9 2 52	16 <sup>25</sup> 38	17 <sup>55</sup> 55	4 <sup>34</sup> 34	5 <sup>34</sup> 34	22 <sup>44</sup> 44	20 <sup>18</sup> 18	7 <sup>23</sup> 23	3 <sup>14</sup> 14	0 <sup>25</sup> 25	20 <sup>5</sup> 5	2 <sup>54</sup> 54	4 <sup>22</sup> 22	17 <sup>25</sup> 25	1 <sup>48</sup> 48	W 6
T 7	9 6 48	17 <sup>26</sup> 35	1 <sup>37</sup> 37	5 <sup>10</sup> 10	5 <sup>12</sup> 12	23 <sup>29</sup> 29	20 <sup>31</sup> 31	7 <sup>30</sup> 30	3 <sup>12</sup> 12	0 <sup>27</sup> 27	20 <sup>5</sup> 5	2 <sup>49</sup> 49	4 <sup>19</sup> 19	17 <sup>32</sup> 32	1 <sup>53</sup> 53	T 7
F 8	9 10 45	18 <sup>27</sup> 31	15 <sup>48</sup> 48	5 <sup>37</sup> 37	4 <sup>48</sup> 48	24 <sup>14</sup> 14	20 <sup>45</sup> 45	7 <sup>37</sup> 37	3 <sup>11</sup> 11	0 <sup>28</sup> 28	20 <sup>4</sup> 4	2 <sup>42</sup> 42	4 <sup>16</sup> 16	17 <sup>38</sup> 38	1 <sup>59</sup> 59	F 8
S 9	9 14 41	19 <sup>28</sup> 26	0 <sup>25</sup> 25	5 <sup>53</sup> 53	4 <sup>22</sup> 22	24 <sup>59</sup> 59	20 <sup>58</sup> 58	7 <sup>44</sup> 44	3 <sup>9</sup> 9	0 <sup>30</sup> 30	20 <sup>4</sup> 4	2 <sup>35</sup> 35	4 <sup>13</sup> 13	17 <sup>45</sup> 45	2 <sup>5</sup> 5	S 9
S 10	9 18 38	20 <sup>29</sup> 20	15 <sup>21</sup> 21	5 <sup>58</sup> 58	3 <sup>54</sup> 54	25 <sup>44</sup> 44	21 <sup>12</sup> 12	7 <sup>51</sup> 51	3 <sup>8</sup> 8	0 <sup>32</sup> 32	20 <sup>3</sup> 3	2 <sup>28</sup> 28	4 <sup>9</sup> 9	17 <sup>52</sup> 52	2 <sup>10</sup> 10	S 10
M 11	9 22 34	21 <sup>30</sup> 13	0 <sup>28</sup> 28	5 <sup>52</sup> 52	3 <sup>24</sup> 24	26 <sup>29</sup> 29	21 <sup>25</sup> 25	7 <sup>58</sup> 58	3 <sup>6</sup> 6	0 <sup>33</sup> 33	20 <sup>3</sup> 3	2 <sup>23</sup> 23	4 <sup>6</sup> 6	17 <sup>58</sup> 58	2 <sup>16</sup> 16	M 11
T 12	9 26 31	22 <sup>31</sup> 05	15 <sup>36</sup> 36	5 <sup>34</sup> 34	2 <sup>52</sup> 52	27 <sup>14</sup> 14	21 <sup>39</sup> 39	8 <sup>5</sup> 5	3 <sup>4</sup> 4	0 <sup>35</sup> 35	20 <sup>2</sup> 2	2 <sup>20</sup> 20	4 <sup>3</sup> 3	18 <sup>5</sup> 5	2 <sup>21</sup> 21	T 12
W 13	9 30 27	23 <sup>31</sup> 56	0 <sup>25</sup> 25	5 <sup>6</sup> 6	2 <sup>19</sup> 19	28 <sup>0</sup> 0	21 <sup>53</sup> 53	8 <sup>12</sup> 12	3 <sup>2</sup> 2	0 <sup>36</sup> 36	20 <sup>2</sup> 2	2 <sup>19</sup> 19	4 <sup>0</sup> 0	18 <sup>12</sup> 12	2 <sup>26</sup> 26	W 13
T 14	9 34 24	24 <sup>32</sup> 47	15 <sup>18</sup> 18	4 <sup>27</sup> 27	1 <sup>44</sup> 44	28 <sup>45</sup> 45	22 <sup>6</sup> 6	8 <sup>19</sup> 19	3 <sup>1</sup> 1	0 <sup>38</sup> 38	20 <sup>1</sup> 1	2 <sup>19</sup> 19	3 <sup>57</sup> 57	18 <sup>18</sup> 18	2 <sup>32</sup> 32	T 14
F 15	9 38 21	25 <sup>33</sup> 36	29 <sup>41</sup> 41	3 <sup>39</sup> 39	1 <sup>8</sup> 8	29 <sup>30</sup> 30	22 <sup>20</sup> 20	8 <sup>26</sup> 26	2 <sup>59</sup> 59	0 <sup>39</sup> 39	20 <sup>1</sup> 1	2 <sup>21</sup> 21	3 <sup>54</sup> 54	18 <sup>25</sup> 25	2 <sup>37</sup> 37	F 15
S 16	9 42 17	26 <sup>34</sup> 25	13 <sup>41</sup> 41	2 <sup>42</sup> 42	0 <sup>32</sup> 32	0 <sup>15</sup> 15	22 <sup>34</sup> 34	8 <sup>33</sup> 33	2 <sup>57</sup> 57	0 <sup>41</sup> 41	20 <sup>0</sup> 0	2 <sup>22</sup> 22	3 <sup>50</sup> 50	18 <sup>32</sup> 32	2 <sup>42</sup> 42	S 16
S 17	9 46 14	27 <sup>35</sup> 13	27 <sup>18</sup> 18	1 <sup>39</sup> 39	29 <sup>55</sup> 55	1 <sup>1</sup> 1	22 <sup>48</sup> 48	8 <sup>40</sup> 40	2 <sup>55</sup> 55	0 <sup>42</sup> 42	20 <sup>0</sup> 0	2 <sup>23</sup> 23	3 <sup>47</sup> 47	18 <sup>38</sup> 38	2 <sup>47</sup> 47	S 17
M 18	9 50 10	28 <sup>36</sup> 00	10 <sup>34</sup> 34	0 <sup>31</sup> 31	29 <sup>18</sup> 18	1 <sup>46</sup> 46	23 <sup>1</sup> 1	8 <sup>47</sup> 47	2 <sup>53</sup> 53	0 <sup>44</sup> 44	20 <sup>0</sup> 0	2 <sup>22</sup> 22	3 <sup>44</sup> 44	18 <sup>45</sup> 45	2 <sup>52</sup> 52	M 18
T 19	9 54 7	29 <sup>36</sup> 46	23 <sup>31</sup> 31	29 <sup>20</sup> 20	28 <sup>41</sup> 41	2 <sup>32</sup> 32	23 <sup>15</sup> 15	8 <sup>54</sup> 54	2 <sup>51</sup> 51	0 <sup>45</sup> 45	19 <sup>59</sup> 59	2 <sup>20</sup> 20	3 <sup>41</sup> 41	18 <sup>52</sup> 52	2 <sup>57</sup> 57	T 19
W 20	9 58 3	0 <sup>37</sup> 32	6 <sup>31</sup> 31	28 <sup>8</sup> 8	28 <sup>4</sup> 4	3 <sup>17</sup> 17	23 <sup>29</sup> 29	9 <sup>0</sup> 0	2 <sup>49</sup> 49	0 <sup>47</sup> 47	19 <sup>59</sup> 59	2 <sup>16</sup> 16	3 <sup>38</sup> 38	18 <sup>58</sup> 58	3 <sup>2</sup> 2	W 20
T 21	10 2 0	1 <sup>38</sup> 16	18 <sup>39</sup> 39	26 <sup>58</sup> 58	27 <sup>27</sup> 27	4 <sup>3</sup> 3	23 <sup>43</sup> 43	9 <sup>7</sup> 7	2 <sup>47</sup> 47	0 <sup>48</sup> 48	19 <sup>59</sup> 59	2 <sup>11</sup> 11	3 <sup>35</sup> 35	19 <sup>5</sup> 5	3 <sup>7</sup> 7	T 21
F 22	10 5 56	2 <sup>38</sup> 59	0 <sup>54</sup> 54	25 <sup>50</sup> 50	26 <sup>51</sup> 51	4 <sup>48</sup> 48	23 <sup>57</sup> 57	9 <sup>14</sup> 14	2 <sup>44</sup> 44	0 <sup>49</sup> 49	19 <sup>59</sup> 59	2 <sup>6</sup> 6	3 <sup>31</sup> 31	19 <sup>11</sup> 11	3 <sup>12</sup> 12	F 22
S 23	10 9 53	3 <sup>39</sup> 41	13 <sup>1</sup> 1	24 <sup>47</sup> 47	26 <sup>17</sup> 17	5 <sup>34</sup> 34	24 <sup>11</sup> 11	9 <sup>21</sup> 21	2 <sup>42</sup> 42	0 <sup>50</sup> 50	19 <sup>58</sup> 58	2 <sup>0</sup> 0	3 <sup>28</sup> 28	19 <sup>18</sup> 18	3 <sup>16</sup> 16	S 23
S 24	10 13 50	4 <sup>40</sup> 22	24 <sup>59</sup> 59	23 <sup>49</sup> 49	25 <sup>43</sup> 43	6 <sup>19</sup> 19	24 <sup>26</sup> 26	9 <sup>27</sup> 27	2 <sup>40</sup> 40	0 <sup>52</sup> 52	19 <sup>58</sup> 58	1 <sup>56</sup> 56	3 <sup>25</sup> 25	19 <sup>25</sup> 25	3 <sup>21</sup> 21	S 24
M 25	10 17 46	5 <sup>41</sup> 01	6 <sup>52</sup> 52	22 <sup>58</sup> 58	25 <sup>10</sup> 10	7 <sup>5</sup> 5	24 <sup>40</sup> 40	9 <sup>34</sup> 34	2 <sup>38</sup> 38	0 <sup>53</sup> 53	19 <sup>58</sup> 58	1 <sup>52</sup> 52	3 <sup>22</sup> 22	19 <sup>31</sup> 31	3 <sup>25</sup> 25	M 25
T 26	10 21 43	6 <sup>41</sup> 39	18 <sup>41</sup> 41	22 <sup>14</sup> 14	24 <sup>40</sup> 40	7 <sup>51</sup> 51	24 <sup>54</sup> 54	9 <sup>41</sup> 41	2 <sup>36</sup> 36	0 <sup>54</sup> 54	19 <sup>58</sup> 58	1 <sup>50</sup> 50	3 <sup>19</sup> 19	19 <sup>38</sup> 38	3 <sup>30</sup> 30	T 26
W 27	10 25 39	7 <sup>42</sup> 16	0 <sup>52</sup> 52	21 <sup>38</sup> 38	24 <sup>11</sup> 11	8 <sup>37</sup> 37	25 <sup>8</sup> 8	9 <sup>47</sup> 47	2 <sup>33</sup> 33	0 <sup>55</sup> 55	19 <sup>58</sup> 58	1 <sup>49</sup> 49	3 <sup>15</sup> 15	19 <sup>45</sup> 45	3 <sup>34</sup> 34	W 27
T 28	10 29 36	8 <sup>42</sup> 51	12 <sup>51</sup> 51	21 <sup>8</sup> 8	23 <sup>44</sup> 44	9 <sup>22</sup> 22	25 <sup>22</sup> 22	9 <sup>54</sup> 54	2 <sup>31</sup> 31	0 <sup>56</sup> 56	19 <sup>58</sup> 58	1 <sup>50</sup> 50	3 <sup>12</sup> 12	19 <sup>51</sup> 51	3 <sup>38</sup> 38	T 28

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	17s19	7n 5	1n 7	12s 4	0s32	4s26	4n55	22s45	0s45	5s12	1s 2	18s47	0s17	0s36	0n47	22s 5	1n17	12n11	10s50	1n11	1n50	6s37	17s55	5n26			
S 2	17 2	12 29	2 8	11 27	0 19	4 16	5 9	22 40	0 45	5 7	1 2	18 45	0 17	0 36	0 47	22 5	1 17	12 11	10 50	1 11	1 49	6 34	17 54	5 27			
S 3	16 45	17 31	3 4	10 50	0 5	4 7	5 24	22 34	0 46	5 2	1 2	18 43	0 17	0 35	0 47	22 5	1 17	12 11	10 50	1 12	1 48	6 31	17 54	5 27			
M 4	16 27	21 56	3 53	10 15	0n 9	3 58	5 38	22 27	0 46	4 57	1 2	18 42	0 17	0 35	0 47	22 5	1 17	12 12	10 50	1 12	1 46	6 27	17 53	5 28			
T 5	16 10	25 28	4 32	9 42	0 24	3 51	5 52	22 21	0 47	4 52	1 2	18 40	0 17	0 34	0 47	22 5	1 17	12 12	10 49	1 11	1 45	6 24	17 53	5 28			
W 6	15 52	27 46	4 58	9 11	0 40	3 45	6 6	22 14	0 47	4 46	1 2	18 38	0 17	0 34	0 47	22 5	1 17	12 12	10 49	1 9	1 44	6 20	17 52	5 29			
T 7	15 33	28 30	5 9	8 42	0 57	3 40	6 20	22 7	0 48	4 41	1 2	18 36	0 17	0 33	0 47	22 5	1 17	12 12	10 49	1 7	1 43	6 17	17 52	5 29			
F 8	15 15	27 24	5 1	8 17	1 14	3 36	6 33	22 0	0 49	4 36	1 1	18 35	0 17	0 32	0 47	22 5	1 17	12 12	10 49	1 4	1 41	6 14	17 51	5 30			
S 9	14 56	24 27	4 34	7 55	1 31	3 34	6 46	21 52	0 49	4 31	1 1	18 33	0 17	0 32	0 47	22 5	1 17	12 13	10 48	1 1	1 40	6 10	17 51	5 30			
S 10	14 37	19 48	3 47	7 37	1 48	3 32	6 59	21 44	0 50	4 25	1 1	18 31	0 17	0 31	0 47	22 5	1 17	12 13	10 48	0 59	1 39	6 7	17 50	5 31			
M11	14 17	13 50	2 44	7 23	2 5	3 31	7 11	21 36	0 50	4 20	1 1	18 29	0 17	0 30	0 47	22 5	1 17	12 13	10 48	0 57	1 38	6 4	17 49	5 31			
T 12	13 58	7 2	1 30	7 14	2 22	3 32	7 22	21 28	0 51	4 14	1 1	18 28	0 17	0 29	0 47	22 5	1 17	12 13	10 48	0 55	1 36	6 0	17 49	5 32			
W13	13 38	0s 5	0 9	7 10	2 38	3 33	7 33	21 20	0 51	4 9	1 1	18 26	0 17	0 29	0 47	22 5	1 17	12 13	10 47	0 55	1 35	5 57	17 48	5 32			
T 14	13 18	7 5	1s10	7 10	2 52	3 36	7 43	21 11	0 52	4 4	1 1	18 24	0 17	0 28	0 47	22 5	1 17	12 14	10 47	0 55	1 34	5 53	17 48	5 33			
F 15	12 57	13 34	2 24	7 15	3 6	3 40	7 52	21 2	0 52	3 58	1 1	18 23	0 18	0 27	0 47	22 5	1 17	12 14	10 47	0 56	1 33	5 50	17 47	5 33			
S 16	12 37	19 10	3 27	7 25	3 17	3 45	8 0	20 53	0 53	3 53	1 1	18 21	0 18	0 26	0 48	22 5	1 17	12 14	10 47	0 56	1 31	5 47	17 46	5 34			
S 17	12 16	23 38	4 16	7 38	3 26	3 50	8 8	20 44	0 53	3 47	1 1	18 19	0 18	0 26	0 48	22 4	1 17	12 14	10 46	0 57	1 30	5 43	17 46	5 34			
M18	11 55	26 44	4 50	7 56	3 33	3 57	8 14	20 35	0 54	3 42	1 1	18 17	0 18	0 25	0 48	22 4	1 17	12 14	10 46	0 56	1 29	5 40	17 45	5 35			
T 19	11 34	28 20	5 9	8 16	3 38	4 4	8 20	20 25	0 55	3 36	1 1	18 16	0 18	0 24	0 48	22 4	1 17	12 15	10 46	0 55	1 28	5 37	17 44	5 35			
W20	11 13	28 24	5 12	8 38	3 40	4 12	8 25	20 15	0 55	3 31	1 1	18 14	0 18	0 23	0 48	22 4	1 17	12 15	10 46	0 54	1 26	5 33	17 44	5 36			
T 21	10 51	27 1	5 0	9 2	3 40	4 21	8 28	20 5	0 56	3 25	1 1	18 12	0 18	0 22	0 48	22 4	1 17	12 15	10 45	0 52	1 25	5 30	17 43	5 36			
F 22	10 30	24 21	4 34	9 27	3 37	4 30	8 31	19 54	0 56	3 19	1 1	18 11	0 18	0 21	0 48	22 4	1 17	12 15	10 45	0 50	1 24	5 26	17 42	5 37			
S 23	10 8	20 38	3 56	9 53	3 33	4 40	8 33	19 44	0 57	3 14	1 1	18 9	0 18	0 21	0 48	22 4	1 17	12 16	10 45	0 48	1 22	5 23	17 42	5 38			
S 24	9 46	16 7	3 9	10 18	3 26	4 50	8 34	19 33	0 57	3 8	1 1	18 7	0 18	0 20	0 48	22 4	1 17	12 16	10 45	0 46	1 21	5 20	17 41	5 38			
M25	9 24	11 1	2 13	10 42	3 18	5 0	8 34	19 22	0 58	3 3	1 1	18 6	0 18	0 19	0 48	22 4	1 17	12 16	10 44	0 44	1 20	5 16	17 40	5 39			
T 26	9 2	5 34	1 12	11 5	3 8	5 11	8 33	19 11	0 58	2 57	1 1	18 4	0 18	0 18	0 48	22 4	1 17	12 16	10 44	0 44	1 19	5 13	17 40	5 39			
W27	8 39	0n 4	0 7	11 26	2 58	5 22	8 31	18 59	0 59	2 51	1 1	18 2	0 19	0 17	0 48	22 4	1 17	12 17	10 44	0 43	1 17	5 9	17 39	5 40			
T 28	8s17	5n42	0n57	11s46	2n46	5s33	8n28	18s48	0s59	2s46	1s 1	18s 1	0s19	0s16	0n48	22s 4	1n17	12n17	10s44	0n43	1n16	5s 6	17s38	5n40			

## ASTRODIENST EPHEMERIS for the year 2639

MARCH 2639

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	10 33 32	9°43'24	24°06' 6	20°R48	23°R18	10° 8	25°37	10° 0	2°R29	0°58	19°R57	1°51	3° 9	19°58	3°43	F 1
S 2	10 37 29	10°43'56	6° 3	20°35	22°55	10°54	25°51	10° 7	2°26	0°59	19°57	1°53	3° 6	20° 5	3°47	S 2
S 3	10 41 25	11°44'26	18°12	20°D29	22°35	11°40	26° 5	10°13	2°24	1° 0	19°57	1°54	3° 3	20°11	3°51	S 3
M 4	10 45 22	12°44'54	0°13	20°31	22°16	12°25	26°20	10°19	2°22	1° 1	19°57	1°55	3° 0	20°18	3°55	M 4
T 5	10 49 18	13°45'20	13°18	20°38	22° 0	13°11	26°34	10°26	2°19	1° 2	19°57	1°56	2°56	20°25	3°59	T 5
W 6	10 53 15	14°45'45	26°25	20°52	21°47	13°57	26°48	10°32	2°17	1° 3	19°57	1°55	2°53	20°31	4° 2	W 6
T 7	10 57 12	15°46'08	9°58	21°12	21°36	14°43	27° 3	10°38	2°14	1° 3	19°57	1°54	2°50	20°38	4° 6	T 7
F 8	11 1 8	16°46'29	23°58	21°37	21°27	15°29	27°17	10°45	2°12	1° 4	19°57	1°53	2°47	20°45	4°10	F 8
S 9	11 5 5	17°46'48	8°26	22° 8	21°21	16°15	27°32	10°51	2° 9	1° 5	19°57	1°51	2°44	20°51	4°13	S 9
S 10	11 9 1	18°47'05	23°16	22°43	21°17	17° 1	27°46	10°57	2° 7	1° 6	19°58	1°49	2°40	20°58	4°17	S 10
M 11	11 12 58	19°47'20	8°24	23°22	21°D16	17°47	28° 1	11° 3	2° 4	1° 7	19°58	1°48	2°37	21° 4	4°20	M 11
T 12	11 16 54	20°47'33	23°38	24° 5	21°17	18°33	28°15	11° 9	2° 2	1° 8	19°58	1°47	2°34	21°11	4°23	T 12
W 13	11 20 51	21°47'44	8°25	24°52	21°21	19°19	28°30	11°15	1°59	1° 8	19°58	1°D47	2°31	21°18	4°27	W 13
T 14	11 24 47	22°47'54	23°51	25°43	21°27	20° 5	28°44	11°21	1°56	1° 9	19°58	1°48	2°28	21°24	4°30	T 14
F 15	11 28 44	23°48'03	8°31	26°36	21°35	20°51	28°59	11°27	1°54	1°10	19°58	1°48	2°25	21°31	4°33	F 15
S 16	11 32 41	24°48'10	22°48	27°33	21°45	21°37	29°13	11°33	1°51	1°10	19°59	1°49	2°21	21°38	4°36	S 16
S 17	11 36 37	25°48'15	6°37	28°33	21°58	22°23	29°28	11°39	1°49	1°11	19°59	1°49	2°18	21°44	4°39	S 17
M 18	11 40 34	26°48'19	20° 1	29°35	22°12	23°10	29°42	11°44	1°46	1°11	19°59	1°50	2°15	21°51	4°41	M 18
T 19	11 44 30	27°48'22	3° 0	0°39	22°29	23°56	29°57	11°50	1°43	1°12	19°59	1°R50	2°12	21°58	4°44	T 19
W 20	11 48 27	28°48'22	15°37	1°46	22°48	24°42	0°11	11°56	1°41	1°12	20° 0	1°50	2° 9	22° 4	4°47	W 20
T 21	11 52 23	29°48'22	27°58	2°56	23° 9	25°28	0°26	12° 1	1°38	1°13	20° 0	1°49	2° 6	22°11	4°49	T 21
F 22	11 56 20	0°48'19	10° 5	4° 7	23°31	26°15	0°40	12° 7	1°36	1°13	20° 0	1°49	2° 2	22°18	4°51	F 22
S 23	12 0 16	1°48'15	22° 2	5°20	23°55	27° 1	0°55	12°12	1°33	1°14	20° 1	1°D49	1°59	22°24	4°54	S 23
S 24	12 4 13	2°48'09	3°53	6°35	24°21	27°47	1°10	12°17	1°30	1°14	20° 1	1°49	1°56	22°31	4°56	S 24
M 25	12 8 10	3°48'02	15°41	7°52	24°49	28°33	1°24	12°23	1°28	1°14	20° 2	1°49	1°53	22°38	4°58	M 25
T 26	12 12 6	4°47'52	27°27	9°10	25°18	29°20	1°39	12°28	1°25	1°15	20° 2	1°R49	1°50	22°44	5° 0	T 26
W 27	12 16 3	5°47'40	9°16	10°30	25°49	0° 6	1°53	12°33	1°23	1°15	20° 3	1°49	1°46	22°51	5° 2	W 27
T 28	12 19 59	6°47'27	21° 8	11°52	26°21	0°52	2° 8	12°38	1°20	1°15	20° 3	1°49	1°43	22°57	5° 4	T 28
F 29	12 23 56	7°47'12	3° 7	13°15	26°54	1°39	2°22	12°43	1°17	1°15	20° 4	1°49	1°40	23° 4	5° 6	F 29
S 30	12 27 52	8°46'54	15°13	14°40	27°29	2°25	2°37	12°48	1°15	1°15	20° 4	1°48	1°37	23°11	5° 7	S 30
S 31	12 31 49	9°46'35	27°30	16° 7	28° 6	3°11	2°51	12°53	1°12	1°16	20° 5	1°47	1°34	23°17	5° 9	S 31

Day	☉	☽		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
F 1	7s54	11n11	2n 0	12s 5	2n34	5s45	8n25	18s36	1s 0	2s40	1s 1	17s59	0s19	0s15	0n48	22s 4	1n17	12n17	10s43	0n44	1n15	5s 3	17s37	5n41				
S 2	7 31	16 18	2 58	12 21	2 21	5 56	8 20	18 24	1 0	2 34	1 1	17 57	0 19	0 14	0 48	22 4	1 17	12 17	10 43	0 45	1 14	4 59	17 37	5 42				
S 3	7 8	20 51	3 49	12 35	2 8	6 7	8 15	18 12	1 1	2 29	1 1	17 56	0 19	0 13	0 48	22 4	1 17	12 18	10 43	0 45	1 12	4 56	17 36	5 42				
M 4	6 45	24 37	4 31	12 47	1 55	6 18	8 10	18 0	1 1	2 23	1 1	17 54	0 19	0 12	0 48	22 4	1 17	12 18	10 43	0 46	1 11	4 52	17 35	5 43				
T 5	6 22	27 17	5 0	12 57	1 42	6 29	8 4	17 47	1 1	2 17	1 1	17 52	0 19	0 11	0 48	22 4	1 17	12 18	10 42	0 46	1 10	4 49	17 35	5 44				
W 6	5 59	28 34	5 15	13 5	1 29	6 40	7 57	17 34	1 2	2 12	1 1	17 51	0 19	0 10	0 48	22 4	1 17	12 19	10 42	0 46	1 9	4 46	17 34	5 44				
T 7	5 36	28 12	5 13	13 11	1 16	6 50	7 50	17 22	1 2	2 6	1 1	17 49	0 19	0 9	0 48	22 4	1 18	12 19	10 42	0 45	1 7	4 42	17 33	5 45				
F 8	5 12	26 3	4 53	13 16	1 3	7 0	7 42	17 8	1 3	2 0	1 1	17 47	0 19	0 8	0 48	22 4	1 18	12 19	10 41	0 45	1 6	4 39	17 32	5 45				
S 9	4 49	22 11	4 15	13 18	0 50	7 10	7 34	16 55	1 3	1 55	1 1	17 46	0 19	0 7	0 48	22 4	1 18	12 19	10 41	0 44	1 5	4 35	17 32	5 46				
S 10	4 25	16 50	3 18	13 18	0 38	7 19	7 25	16 42	1 4	1 49	1 1	17 44	0 20	0 6	0 48	22 4	1 18	12 20	10 41	0 43	1 4	4 32	17 31	5 47				
M 11	4 2	10 21	2 6	13 17	0 26	7 27	7 17	16 28	1 4	1 43	1 1	17 43	0 20	0 5	0 48	22 4	1 18	12 20	10 41	0 43	1 2	4 29	17 30	5 47				
T 12	3 38	3 13	0 45	13 13	0 14	7 36	7 8	16 15	1 5	1 37	1 1	17 41	0 20	0 4	0 48	22 4	1 18	12 20	10 40	0 42	1 1	4 25	17 29	5 48				
W 13	3 15	4s 6	0s39	13 9	0 3	7 44	6 58	16 1	1 5	1 32	1 1	17 40	0 20	0 3	0 48	22 4	1 18	12 20	10 40	0 42	1 0	4 22	17 29	5 49				
T 14	2 51	11 5	2 0	13 2	0s 8	7 51	6 49	15 47	1 6	1 26	1 1	17 38	0 20	0 2	0 48	22 3	1 18	12 21	10 40	0 43	0 59	4 18	17 28	5 49				
F 15	2 27	17 18	3 10	12 54	0 19	7 57	6 39	15 32	1 6	1 20	1 1	17 37	0 20	0 1	0 48	22 3	1 18	12 21	10 40	0 43	0 57	4 15	17 27	5 50				
S 16	2 4	22 23	4 7	12 44	0 29	8 4	6 29	15 18	1 6	1 14	1 1	17 35	0 20	0 0	0 48	22 3	1 18	12 21	10 39	0 43	0 56	4 12	17 26	5 51				
S 17	1 40	26 4	4 48	12 32	0 38	8 9	6 19	15 3	1 7	1 9	1 1	17 34	0 20	0n 1	0 48	22 3	1 18	12 22	10 39	0 43	0 55	4 8	17 26	5 51				
M 18	1 16	28 9	5 11	12 19	0 48	8 14	6 9	14 49	1 7	1 3	1 1	17 32	0 20	0 2	0 48	22 3	1 18	12 22	10 39	0 44	0 54	4 5	17 25	5 52				
T 19	0 52	28 37	5 18	12 5	0 56	8 18	5 59	14 34	1 8	0 57	1 1	17 31	0 20	0 3	0 48	22 3	1 18	12 22	10 39	0 44	0 52	4 1	17 24	5 53				
W 20	0 28	27 33	5 9	11 49	1 5	8 22	5 49	14 19	1 8	0 51	1 1	17 29	0 20	0 4	0 48	22 3	1 18	12 22	10 38	0 43	0 51	3 58	17 23	5 53				
T 21	0 5	25 10	4 45	11 32	1 13	8 25	5 39	14 4	1 8	0 46	1 1	17 28	0 21	0 5	0 48	22 3	1 18	12 23	10 38	0 43	0 50	3 54	17 22	5 54				
F 22	0n19	21 40	4 10	11 13	1 21	8 28	5 28	13 48	1 9	0 40	1 1	17 26	0 21	0 6	0 48	22 3	1 18	12 23	10 38	0 43	0 49	3 51	17 22	5 55				
S 23	0 43	17 20	3 24	10 53	1 28	8 29	5 18	13 33	1 9	0 34	1 1	17 25	0 21	0 7	0 48	22 3	1 18	12 23	10 37	0 43	0 47	3 48	17 21	5 55				
S 24	1 7	12 22	2 29	10 32	1 35	8 31	5 8	13 18	1 10	0 28	1 1	17 23	0 21	0 8	0 48	22 3	1 18	12 24	10 37	0 43	0 46	3 44	17 20	5 56				
M 25	1 30	6 59	1 29	10 9	1 41	8 31	4 58	13 2	1 10	0 23	1 1	17 22	0 21	0 9	0 48	22 3	1 18	12 24	10 37	0 43	0 45	3 41	17 19	5 57				
T 26	1 54	1 23	0 24	9 45	1 47	8 31	4 48	12 46	1 10	0 17	1 1	17 21	0 21	0 10	0 48	22 3	1 18	12 24	10 37	0 43	0 43	3 37	17 19	5 58				
W 27	2 18	4n18	0n41	9 20	1 52	8 31	4 38	12 30	1 11	0 11	1 1	17 19	0 21	0 11	0 48	22 3	1 18	12 24	10 36	0 43	0 42	3 34	17 18	5 58				
T 28	2 41	9 51	1 45	8 54	1 57	8 30	4 28	12 14	1 11	0 5	1 1	17 18	0 21	0 12	0 48	22 3	1 18	12 25	10 36	0 43	0 41	3 31	17 17	5 59				
F 29	3 5	15 6	2 45	8 26	2 2	8 28	4 18	11 58	1 11	0n 0	1 1	17 17	0 21	0 13	0 48	22 3	1 18	12 25	10 36	0 43	0 40	3 27	17 16	6 0				
S 30	3 28	19 49	3 38	7 57	2 6	8 25	4 8	11 42	1 12	0 6	1 1	17 15	0 21	0 14	0 48	22 3	1 18	12 25	10 36	0 43	0 38	3 24	17 16	6 0				
S 31	3n52	23n47	4n22	7s27	2s10	8s22	3n58	11s25	1s12	0n12	1s 1	17s14	0s22	0n15	0n48	22s 3	1n18	12n26	10s35	0n42	0n37	3s20	17s15	6n 1				

# ASTRODIENST EPHEMERIS for the year 2639

APRIL 2639

00:00 UT

Day	Sid.t	☉	☾	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	12 35 45	10°46'13	10°11' 0	17°34	28°43	3°58	3°7 6	12°58	1°R 9	1°16	20°11 5	1°R46	1°Y31	23°24	5°10	M 1
T 2	12 39 42	11°45'50	22°45	19° 3	29°22	4°44	3°20	13° 3	1°16	20° 6	1°Y45	1°27	23°31	5°12	T 2	
W 3	12 43 39	12°45'24	5°50	20°34	0°42	5°31	3°35	13° 8	1° 4	1°R16	20° 6	1°44	1°24	23°37	5°13	W 3
T 4	12 47 35	13°44'55	19°15	22° 6	0°42	6°17	3°49	13°12	1° 2	1°16	20° 7	1°D44	1°21	23°44	5°14	T 4
F 5	12 51 32	14°44'25	3°12 4	23°39	1°24	7° 3	4° 4	13°17	0°59	1°16	20° 8	1°45	1°18	23°51	5°15	F 5
S 6	12 55 28	15°43'52	17°15	25°14	2° 7	7°50	4°18	13°21	0°57	1°16	20° 8	1°45	1°15	23°57	5°16	S 6
S 7	12 59 25	16°43'16	1°10 48	26°50	2°51	8°36	4°32	13°26	0°54	1°15	20° 9	1°47	1°12	24° 4	5°17	S 7
M 8	13 3 21	17°42'39	16°39	28°27	3°36	9°23	4°47	13°30	0°52	1°15	20°10	1°48	1° 8	24°11	5°18	M 8
T 9	13 7 18	18°41'59	1°42	0°Y 6	4°22	10° 9	5° 1	13°34	0°49	1°15	20°10	1°R48	1° 5	24°17	5°18	T 9
W10	13 11 14	19°41'17	16°49	1°46	5° 9	10°56	5°15	13°39	0°47	1°15	20°11	1°47	1° 2	24°24	5°19	W10
T 11	13 15 11	20°40'33	1°16 51	3°28	5°56	11°42	5°30	13°43	0°44	1°15	20°12	1°46	0°59	24°31	5°19	T 11
F 12	13 19 8	21°39'48	16°38	5°11	6°45	12°28	5°44	13°47	0°42	1°14	20°13	1°44	0°56	24°37	5°20	F 12
S 13	13 23 4	22°39'00	1°17 4	6°55	7°34	13°15	5°58	13°51	0°40	1°14	20°14	1°41	0°52	24°44	5°20	S 13
S 14	13 27 1	23°38'11	15° 4	8°41	8°24	14° 1	6°12	13°55	0°37	1°14	20°14	1°38	0°49	24°50	5°20	S 14
M15	13 30 57	24°37'20	28°37	10°28	9°15	14°48	6°27	13°58	0°35	1°13	20°15	1°35	0°46	24°57	5°20	M15
T 16	13 34 54	25°36'27	11°34 3	12°16	10° 6	15°34	6°41	14° 2	0°33	1°13	20°16	1°34	0°43	25° 4	5°20	T 16
W17	13 38 50	26°35'32	24°24	14° 6	10°58	16°21	6°55	14° 6	0°30	1°13	20°17	1°D33	0°40	25°10	5°20	W17
T 18	13 42 47	27°34'36	6°45	15°58	11°50	17° 7	7° 9	14° 9	0°28	1°12	20°18	1°33	0°37	25°17	5°20	T 18
F 19	13 46 43	28°33'38	18°51	17°51	12°44	17°54	7°23	14°13	0°26	1°12	20°19	1°34	0°33	25°24	5°20	F 19
S 20	13 50 40	29°32'38	0°45	19°45	13°38	18°40	7°37	14°16	0°24	1°11	20°20	1°36	0°30	25°30	5°19	S 20
S 21	13 54 37	0°31'36	12°33	21°41	14°32	19°27	7°51	14°19	0°22	1°10	20°21	1°38	0°27	25°37	5°19	S 21
M22	13 58 33	1°30'33	24°19	23°38	15°27	20°13	8° 5	14°23	0°19	1°10	20°21	1°39	0°24	25°44	5°18	M22
T 23	14 2 30	2°29'27	6°Y 7	25°37	16°22	20°59	8°19	14°26	0°17	1° 9	20°22	1°R39	0°21	25°50	5°17	T 23
W24	14 6 26	3°28'20	18° 0	27°37	17°18	21°46	8°33	14°29	0°15	1° 9	20°23	1°38	0°17	25°57	5°17	W24
T 25	14 10 23	4°27'11	0°8 0	29°38	18°15	22°32	8°47	14°32	0°13	1° 8	20°24	1°35	0°14	26° 4	5°16	T 25
F 26	14 14 19	5°26'00	12°10	1°8 41	19°12	23°19	9° 0	14°35	0°11	1° 7	20°25	1°31	0°11	26°10	5°15	F 26
S 27	14 18 16	6°24'47	24°31	3°45	20° 9	24° 5	9°14	14°37	0° 9	1° 6	20°26	1°25	0° 8	26°17	5°14	S 27
S 28	14 22 12	7°23'33	7°11 3	5°49	21° 7	24°52	9°28	14°40	0° 7	1° 6	20°27	1°19	0° 5	26°23	5°13	S 28
M29	14 26 9	8°22'16	19°48	7°55	22° 5	25°38	9°42	14°43	0° 5	1° 5	20°29	1°12	0° 2	26°30	5°11	M29
T 30	14 30 6	9°20'57	2°46	10°8 2	23°48	26°48	9°Y55	14°45	0°4	1° 5	20°30	1°Y 7	29°48	26°43	5°10	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	4n15	26n44	4n55	6s56	2s13	8s19	3n48	11s 9	1s12	0n17	1s 1	17s13	0s22	0n16	0n48	22s 3
T 2	4 38	28 23	5 13	6 24	2 16	8 14	3 39	10 52	1 13	0 23	1 1	17 11	0 22	0 17	0 48	22 3
W 3	5 1	28 30	5 16	5 51	2 18	8 9	3 29	10 36	1 13	0 29	1 1	17 10	0 22	0 18	0 48	22 3
T 4	5 24	26 58	5 3	5 16	2 20	8 4	3 20	10 19	1 13	0 34	1 1	17 9	0 22	0 19	0 48	22 3
F 5	5 47	23 48	4 31	4 41	2 22	7 58	3 10	10 2	1 14	0 40	1 1	17 8	0 22	0 20	0 48	22 3
S 6	6 10	19 9	3 43	4 5	2 23	7 52	3 1	9 45	1 14	0 46	1 1	17 7	0 22	0 21	0 48	22 3
S 7	6 33	13 16	2 39	3 27	2 23	7 44	2 52	9 28	1 14	0 51	1 2	17 5	0 22	0 22	0 48	22 3
M 8	6 56	6 31	1 23	2 49	2 24	7 37	2 43	9 11	1 15	0 57	1 2	17 4	0 22	0 23	0 48	22 2
T 9	7 18	0s40	0 1	2 9	2 23	7 29	2 34	8 54	1 15	1 3	1 2	17 3	0 22	0 24	0 48	22 2
W10	7 41	7 51	1s22	1 29	2 22	7 20	2 26	8 36	1 15	1 8	1 2	17 2	0 23	0 25	0 48	22 2
T 11	8 3	14 33	2 39	0 47	2 21	7 11	2 17	8 19	1 15	1 14	1 2	17 1	0 23	0 26	0 48	22 2
F 12	8 25	20 19	3 43	0 5	2 19	7 1	2 9	8 1	1 16	1 19	1 2	17 0	0 23	0 27	0 48	22 2
S 13	8 47	24 44	4 32	0n38	2 17	6 50	2 0	7 44	1 16	1 25	1 2	16 59	0 23	0 28	0 48	22 2
S 14	9 9	27 32	5 2	1 22	2 14	6 40	1 52	7 26	1 16	1 30	1 2	16 58	0 23	0 29	0 48	22 2
M15	9 30	28 36	5 15	2 7	2 11	6 28	1 44	7 9	1 16	1 36	1 2	16 57	0 23	0 30	0 48	22 2
T 16	9 52	28 0	5 10	2 53	2 7	6 16	1 36	6 51	1 17	1 41	1 2	16 56	0 23	0 31	0 48	22 2
W17	10 13	25 56	4 51	3 39	2 3	6 4	1 28	6 33	1 17	1 47	1 2	16 55	0 23	0 32	0 48	22 2
T 18	10 35	22 41	4 18	4 26	1 58	5 51	1 21	6 15	1 17	1 52	1 2	16 54	0 23	0 33	0 48	22 2
F 19	10 56	18 31	3 34	5 14	1 53	5 38	1 13	5 57	1 17	1 58	1 2	16 53	0 24	0 33	0 48	22 2
S 20	11 16	13 42	2 42	6 3	1 47	5 24	1 6	5 39	1 18	2 3	1 2	16 52	0 24	0 34	0 48	22 2
S 21	11 37	8 25	1 43	6 52	1 41	5 10	0 58	5 21	1 18	2 9	1 3	16 51	0 24	0 35	0 48	22 2
M22	11 58	2 52	0 40	7 41	1 34	4 56	0 51	5 3	1 18	2 14	1 3	16 51	0 24	0 36	0 48	22 2
T 23	12 18	2n48	0n24	8 31	1 27	4 41	0 44	4 45	1 18	2 20	1 3	16 50	0 24	0 37	0 47	22 2
W24	12 38	8 24	1 28	9 21	1 19	4 25	0 37	4 27	1 18	2 25	1 3	16 49	0 24	0 38	0 47	22 2
T 25	12 58	13 46	2 29	10 12	1 11	4 10	0 31	4 9	1 18	2 30	1 3	16 48	0 24	0 38	0 47	22 2
F 26	13 17	18 40	3 23	11 2	1 3	3 53	0 24	3 51	1 19	2 36	1 3	16 48	0 24	0 39	0 47	22 2
S 27	13 37	22 51	4 9	11 53	0 54	3 37	0 18	3 33	1 19	2 41	1 3	16 47	0 24	0 40	0 47	22 2
S 28	13 56	26 4	4 44	12 43	0 44	3 20	0 11	3 15	1 19	2 46	1 3	16 46	0 25	0 41	0 47	22 2
M29	14 15	28 2	5 5	13 34	0 35	3 3	0 5	2 56	1 19	2 51	1 3	16 46	0 25	0 41	0 47	22 2
T 30	14n34	28n30	5n10	14n23	0s25	2s45	0s 1	2s38	1s19	2n57	1s 3	16s45	0s25	0n42	0n47	22s 2

Julian Day Number = 2685024.5, Delta T = 22m50s  
 Ecliptic obliquity = 23°21'32, Nutation = - 0°00'01  
 Ayanamsha: Fagan/Bradley = 33°40'55, Lahiri = 32°47'55



## ASTRODIENST EPHEMERIS for the year 2639

JUNE 2639

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 36 15	10II22'50	7III50	1♂37	26V49	20V58	16V37	15°R15	29°R28	0°R25	21II 9	28°D57	28X17	0V 9	3°R47	S 1
S 2	16 40 12	11°20'36	21°56	2°13	27°56	21°44	16°48	15°14	29°28	0°24	21°11	28°R57	28°14	0°16	3°43	S 2
M 3	16 44 8	12°18'19	6♂10	2°45	29° 2	22°30	16°59	15°14	29°27	0°22	21°12	28X57	28°10	0°23	3°39	M 3
T 4	16 48 5	13°16'01	20°29	3°12	0♂ 9	23°15	17°10	15°13	29°27	0°21	21°13	28°55	28° 7	0°29	3°35	T 4
W 5	16 52 2	14°13'41	4III51	3°34	1°16	24° 1	17°21	15°12	29°27	0°19	21°15	28°51	28° 4	0°36	3°32	W 5
T 6	16 55 58	15°11'20	19°12	3°52	2°23	24°46	17°32	15°11	29°27	0°18	21°16	28°45	28° 1	0°43	3°28	T 6
F 7	16 59 55	16° 8'58	3X27	4° 5	3°30	25°31	17°43	15°10	29°D27	0°16	21°17	28°36	27°58	0°49	3°24	F 7
S 8	17 3 51	17° 6'35	17°30	4°13	4°38	26°17	17°54	15° 8	29°27	0°15	21°19	28°25	27°55	0°56	3°20	S 8
S 9	17 7 48	18° 4'10	1♂17	4°R16	5°45	27° 2	18° 4	15° 7	29°27	0°13	21°20	28°13	27°51	1° 3	3°16	S 9
M10	17 11 44	19° 1'44	14°44	4°15	6°53	27°47	18°15	15° 6	29°27	0°12	21°22	28° 2	27°48	1° 9	3°12	M10
T 11	17 15 41	19°59'18	27°49	4°10	8° 1	28°32	18°25	15° 4	29°27	0°10	21°23	27°52	27°45	1°16	3° 8	T 11
W12	17 19 38	20°56'50	10♂32	4° 0	9° 8	29°18	18°35	15° 2	29°28	0° 8	21°24	27°44	27°42	1°22	3° 4	W12
T 13	17 23 34	21°54'21	22°56	3°46	10°16	0♂ 3	18°45	15° 1	29°28	0° 7	21°26	27°39	27°39	1°29	3° 0	T 13
F 14	17 27 31	22°51'52	5X 3	3°28	11°24	0°48	18°55	14°59	29°28	0° 5	21°27	27°37	27°35	1°36	2°56	F 14
S 15	17 31 27	23°49'22	16°59	3° 7	12°32	1°33	19° 5	14°57	29°29	0° 4	21°28	27°36	27°32	1°42	2°52	S 15
S 16	17 35 24	24°46'51	28°48	2°42	13°41	2°18	19°15	14°55	29°29	0° 2	21°30	27°36	27°29	1°49	2°48	S 16
M17	17 39 20	25°44'19	10V37	2°15	14°49	3° 3	19°25	14°53	29°30	0° 0	21°31	27°35	27°26	1°56	2°44	M17
T 18	17 43 17	26°41'47	22°30	1°45	15°57	3°48	19°34	14°51	29°30	29X59	21°33	27°34	27°23	2° 2	2°40	T 18
W19	17 47 13	27°39'14	4♂33	1°13	17° 6	4°32	19°44	14°49	29°31	29°57	21°34	27°30	27°20	2° 9	2°36	W19
T 20	17 51 10	28°36'41	16°49	0°41	18°14	5°17	19°53	14°46	29°32	29°56	21°35	27°24	27°16	2°16	2°32	T 20
F 21	17 55 7	29°34'07	29°22	0° 7	19°23	6° 2	20° 2	14°44	29°32	29°54	21°37	27°15	27°13	2°22	2°28	F 21
S 22	17 59 3	0♂31'32	12II14	29II34	20°32	6°46	20°11	14°42	29°33	29°52	21°38	27° 4	27°10	2°29	2°23	S 22
S 23	18 3 0	1°28'57	25°25	29° 0	21°41	7°31	20°20	14°39	29°34	29°51	21°39	26°52	27° 7	2°36	2°19	S 23
M24	18 6 56	2°26'21	8♂53	28°28	22°50	8°16	20°29	14°36	29°35	29°49	21°41	26°39	27° 4	2°42	2°15	M24
T 25	18 10 53	3°23'45	22°36	27°58	23°59	9° 0	20°38	14°34	29°36	29°47	21°42	26°28	27° 1	2°49	2°11	T 25
W26	18 14 49	4°21'07	6♂30	27°29	25° 8	9°44	20°46	14°31	29°37	29°46	21°43	26°19	26°57	2°56	2° 7	W26
T 27	18 18 46	5°18'29	20°32	27° 3	26°17	10°29	20°55	14°28	29°38	29°44	21°45	26°13	26°54	3° 2	2° 3	T 27
F 28	18 22 42	6°15'49	4III39	26°40	27°26	11°13	21° 3	14°25	29°39	29°43	21°46	26° 9	26°51	3° 9	1°59	F 28
S 29	18 26 39	7°13'09	18°47	26°20	28°36	11°57	21°11	14°22	29°40	29°41	21°47	26° 8	26°48	3°15	1°55	S 29
S 30	18 30 36	8♂10'28	2♂55	26II 4	29♂45	12♂41	21V19	14♂19	29III41	29X39	21II49	26X 8	26X45	3V22	1♂50	S 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	21n56	10n18	1n50	25n 4	1n44	8n24	2s 3	6n57	1s18	5n28	1s 8	16s40	0s29	0n55	0n46	22s 1
S 2	22 4 3 45	0 37	24 55	1 34	8 46	2 4	7 14	1 18	5 32	1 8	16 40	0 29	0 55	0 46	22 1	1 20
M 3	22 12 3s 1	0s38	24 44	1 24	9 8	2 6	7 31	1 18	5 36	1 8	16 41	0 29	0 55	0 46	22 1	1 20
T 4	22 19 9 42	1 52	24 32	1 12	9 30	2 7	7 48	1 18	5 40	1 8	16 41	0 29	0 55	0 46	22 1	1 20
W 5	22 26 15 53	2 58	24 19	1 0	9 52	2 9	8 5	1 17	5 44	1 8	16 41	0 29	0 55	0 46	22 1	1 20
T 6	22 32 21 12	3 53	24 5	0 47	10 14	2 10	8 22	1 17	5 48	1 9	16 42	0 29	0 55	0 46	22 1	1 20
F 7	22 38 25 14	4 33	23 51	0 33	10 35	2 11	8 38	1 17	5 52	1 9	16 42	0 30	0 55	0 46	22 1	1 20
S 8	22 44 27 41	4 56	23 36	0 19	10 57	2 12	8 55	1 17	5 56	1 9	16 43	0 30	0 55	0 46	22 1	1 20
S 9	22 49 28 22	5 1	23 21	0 4	11 18	2 13	9 12	1 16	6 0	1 9	16 43	0 30	0 55	0 46	22 1	1 20
M10	22 54 27 20	4 48	23 5	0s12	11 40	2 14	9 28	1 16	6 4	1 9	16 44	0 30	0 55	0 46	22 1	1 20
T 11	22 59 24 48	4 21	22 49	0 29	12 1	2 14	9 44	1 16	6 7	1 10	16 44	0 30	0 55	0 46	22 1	1 20
W12	23 3 21 6	3 42	22 32	0 46	12 22	2 15	10 0	1 16	6 11	1 10	16 45	0 30	0 55	0 46	22 1	1 20
T 13	23 7 16 33	2 53	22 16	1 3	12 43	2 15	10 16	1 15	6 15	1 10	16 46	0 30	0 54	0 46	22 1	1 20
F 14	23 10 11 26	1 56	21 59	1 20	13 3	2 16	10 32	1 15	6 18	1 10	16 46	0 30	0 54	0 45	22 1	1 20
S 15	23 13 5 59	0 56	21 42	1 38	13 24	2 16	10 48	1 15	6 22	1 10	16 47	0 31	0 54	0 45	22 1	1 20
S 16	23 15 0 22	0n 6	21 25	1 55	13 44	2 16	11 4	1 14	6 25	1 11	16 48	0 31	0 54	0 45	22 1	1 20
M17	23 17 5n14	1 8	21 8	2 12	14 4	2 16	11 19	1 14	6 29	1 11	16 48	0 31	0 54	0 45	22 1	1 20
T 18	23 19 10 42	2 8	20 52	2 29	14 23	2 16	11 35	1 14	6 32	1 11	16 49	0 31	0 53	0 45	22 1	1 20
W19	23 20 15 51	3 2	20 36	2 45	14 43	2 16	11 50	1 13	6 36	1 11	16 50	0 31	0 53	0 45	22 1	1 20
T 20	23 21 20 28	3 49	20 21	3 0	15 2	2 15	12 5	1 13	6 39	1 11	16 51	0 31	0 53	0 45	22 1	1 20
F 21	23 21 24 17	4 26	20 6	3 15	15 21	2 15	12 21	1 13	6 42	1 12	16 51	0 31	0 52	0 45	22 1	1 20
S 22	23 21 26 59	4 51	19 53	3 29	15 40	2 14	12 36	1 12	6 45	1 12	16 52	0 31	0 52	0 45	22 1	1 20
S 23	23 21 28 17	5 0	19 40	3 41	15 58	2 14	12 50	1 12	6 49	1 12	16 53	0 32	0 52	0 45	22 1	1 20
M24	23 20 27 57	4 54	19 28	3 53	16 16	2 13	13 5	1 12	6 52	1 12	16 54	0 32	0 51	0 45	22 1	1 20
T 25	23 19 25 55	4 30	19 18	4 3	16 34	2 13	13 20	1 11	6 55	1 12	16 55	0 32	0 51	0 45	22 1	1 20
W26	23 17 22 18	3 50	19 9	4 12	16 51	2 12	13 34	1 11	6 58	1 13	16 56	0 32	0 50	0 45	22 1	1 20
T 27	23 15 17 23	2 56	19 1	4 19	17 8	2 11	13 48	1 10	7 1	1 13	16 57	0 32	0 50	0 45	22 1	1 20
F 28	23 13 11 30	1 51	18 54	4 25	17 25	2 10	14 2	1 10	7 3	1 13	16 58	0 32	0 50	0 45	22 1	1 20
S 29	23 10 5 1	0 39	18 49	4 29	17 41	2 9	14 16	1 9	7 6	1 13	16 59	0 32	0 49	0 45	22 1	1 20
S 30	23n 6	1s42	0s36	18n46	4s32	17n57	2s 8	14n30	1s 9	7n 9	1s14	17s 0	0s32	0n49	0n45	22s 1

Julian Day Number = 2685085.5, Delta T = 22m51s

Ecliptic obliquity = 23°21'31", Nutation = - 0°00'00"

Ayanamsha: Fagan/Bradley = 33°41'04", Lahiri = 32°48'04"

# ASTRODIENST EPHEMERIS for the year 2639

JULY 2639

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	18 34 32	9°56' 746	17°15' 3	25°R53	0°II54	13°826	21°Y27	14°R16	29°M42	29°R38	21°II50	26°R 8	26°H41	3°Y29	1°R46	M 1
T 2	18 38 29	10° 5'04	1°M 8	25°II45	2° 4	14°10	21°35	14°13	29°44	29°36	21°51	26°H 7	26°38	3°35	1°342	T 2
W 3	18 42 25	11° 2'20	15°10	25°D42	3°14	14°54	21°42	14° 9	29°45	29°35	21°53	26° 3	26°35	3°42	1°38	W 3
T 4	18 46 22	11°59'36	29° 7	25°43	4°23	15°37	21°50	14° 6	29°46	29°33	21°54	25°57	26°32	3°49	1°34	T 4
F 5	18 50 18	12°56'52	12°56	25°49	5°33	16°21	21°57	14° 3	29°48	29°32	21°55	25°48	26°29	3°55	1°30	F 5
S 6	18 54 15	13°54'07	26°35	25°59	6°43	17° 5	22° 4	13°59	29°49	29°30	21°57	25°38	26°26	4° 2	1°26	S 6
S 7	18 58 11	14°51'21	10°3 0	26°15	7°53	17°49	22°11	13°56	29°51	29°28	21°58	25°26	26°22	4° 9	1°22	S 7
M 8	19 2 8	15°48'36	23° 9	26°35	9° 3	18°32	22°18	13°52	29°53	29°27	21°59	25°15	26°19	4°15	1°18	M 8
T 9	19 6 5	16°45'50	6°1 1	27° 0	10°13	19°16	22°24	13°48	29°54	29°25	22° 1	25° 6	26°16	4°22	1°15	T 9
W10	19 10 1	17°43'03	18°36	27°30	11°23	19°59	22°31	13°45	29°56	29°24	22° 2	24°58	26°13	4°29	1°11	W10
T 11	19 13 58	18°40'17	0°H54	28° 4	12°33	20°43	22°37	13°41	29°58	29°22	22° 3	24°53	26°10	4°35	1° 7	T 11
F 12	19 17 54	19°37'31	12°58	28°43	13°43	21°26	22°44	13°37	29°59	29°21	22° 4	24°51	26° 7	4°42	1° 3	F 12
S 13	19 21 51	20°34'44	24°53	29°27	14°53	22° 9	22°50	13°33	0°1 1	29°19	22° 6	24°D50	26° 3	4°49	0°59	S 13
S 14	19 25 47	21°31'58	6°Y42	0°15	16° 4	22°53	22°55	13°29	0° 3	29°18	22° 7	24°50	26° 0	4°55	0°56	S 14
M15	19 29 44	22°29'12	18°31	1° 8	17°14	23°36	23° 1	13°25	0° 5	29°16	22° 8	24°R51	25°57	5° 2	0°52	M15
T 16	19 33 40	23°26'26	0°825	2° 5	18°25	24°19	23° 7	13°21	0° 7	29°15	22° 9	24°51	25°54	5° 8	0°48	T 16
W17	19 37 37	24°23'40	12°29	3° 7	19°35	25° 2	23°12	13°17	0° 9	29°13	22°10	24°49	25°51	5°15	0°45	W17
T 18	19 41 34	25°20'55	24°49	4°13	20°46	25°45	23°17	13°13	0°11	29°12	22°12	24°45	25°47	5°22	0°41	T 18
F 19	19 45 30	26°18'10	7°II27	5°23	21°56	26°28	23°22	13° 9	0°13	29°11	22°13	24°39	25°44	5°28	0°38	F 19
S 20	19 49 27	27°15'26	20°28	6°38	23° 7	27°10	23°27	13° 5	0°15	29° 9	22°14	24°31	25°41	5°35	0°34	S 20
S 21	19 53 23	28°12'41	3°15	7°56	24°18	27°53	23°32	13° 1	0°17	29° 8	22°15	24°22	25°38	5°42	0°31	S 21
M22	19 57 20	29° 9'57	17°36	9°19	25°29	28°35	23°36	12°57	0°20	29° 7	22°16	24°13	25°35	5°48	0°28	M22
T 23	20 1 16	0°1 7'13	18°41	10°46	26°40	29°18	23°41	12°52	0°22	29° 5	22°17	24° 5	25°32	5°55	0°24	T 23
W24	20 5 13	1° 4'30	15°59	12°17	27°51	0°II 0	23°45	12°48	0°24	29° 4	22°18	23°58	25°28	6° 2	0°21	W24
T 25	20 9 10	2° 1'46	0°M26	13°51	29° 2	0°43	23°49	12°44	0°27	29° 3	22°20	23°54	25°25	6° 8	0°18	T 25
F 26	20 13 6	2°59'03	14°56	15°29	0°13	1°25	23°53	12°39	0°29	29° 1	22°21	23°52	25°22	6°15	0°15	F 26
S 27	20 17 3	3°56'19	29°24	17°11	1°24	2° 7	23°56	12°35	0°32	29° 0	22°22	23°D52	25°19	6°22	0°12	S 27
S 28	20 20 59	4°53'36	13°16	18°57	2°35	2°49	24° 0	12°31	0°34	28°59	22°23	23°53	25°16	6°28	0° 9	S 28
M29	20 24 56	5°50'52	27°59	20°45	3°46	3°31	24° 3	12°26	0°37	28°58	22°24	23°54	25°13	6°35	0° 6	M29
T 30	20 28 52	6°48'09	12°M 1	22°37	4°58	4°13	24° 6	12°22	0°39	28°56	22°25	23°R54	25° 9	6°42	0° 3	T 30
W31	20 32 49	7°15'26	25°M52	24°31	6°15	4°II55	24°Y 9	12°17	0°42	28°55	22°II26	23°H52	25°H 6	6°Y48	0°3 0	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	23n 3	8s21	1s48	18n44	4s34	18n13	2s 6	14n44	1s 8	7n12	1s14	17s 1	0s32	0n48	0n45	22s 1
T 2	22 59	14 33	2 54	18 43	4 35	18 28	2 5	14 57	1 8	7 14	1 14	17 2	0 33	0 47	0 45	22 1
W 3	22 54	19 59	3 49	18 44	4 34	18 43	2 4	15 10	1 8	7 17	1 14	17 3	0 33	0 47	0 45	22 1
T 4	22 49	24 17	4 30	18 46	4 31	18 57	2 2	15 24	1 7	7 19	1 14	17 4	0 33	0 46	0 45	22 2
F 5	22 44	27 8	4 54	18 50	4 28	19 11	2 1	15 37	1 7	7 22	1 15	17 5	0 33	0 46	0 45	22 2
S 6	22 38	28 21	5 2	18 54	4 24	19 24	1 59	15 49	1 6	7 24	1 15	17 6	0 33	0 45	0 45	22 2
S 7	22 32	27 50	4 52	19 0	4 18	19 37	1 57	16 2	1 5	7 27	1 15	17 7	0 33	0 44	0 44	22 2
M 8	22 26	25 46	4 27	19 7	4 12	19 50	1 55	16 15	1 5	7 29	1 15	17 8	0 33	0 44	0 44	22 2
T 9	22 19	22 24	3 49	19 15	4 4	20 2	1 54	16 27	1 4	7 31	1 16	17 10	0 33	0 43	0 44	22 2
W10	22 11	18 4	3 0	19 24	3 56	20 13	1 52	16 39	1 4	7 33	1 16	17 11	0 34	0 42	0 44	22 2
T 11	22 4	13 3	2 4	19 34	3 47	20 25	1 50	16 51	1 3	7 36	1 16	17 12	0 34	0 42	0 44	22 2
F 12	21 56	7 38	1 3	19 44	3 37	20 35	1 48	17 3	1 3	7 38	1 16	17 13	0 34	0 41	0 44	22 2
S 13	21 47	2 1	0n 0	19 55	3 27	20 45	1 46	17 15	1 2	7 40	1 17	17 14	0 34	0 40	0 44	22 2
S 14	21 39	3n37	1 3	20 6	3 16	20 55	1 44	17 26	1 2	7 42	1 17	17 16	0 34	0 39	0 44	22 2
M15	21 29	9 8	2 3	20 17	3 5	21 4	1 41	17 38	1 1	7 43	1 17	17 17	0 34	0 39	0 44	22 2
T 16	21 20	14 22	2 58	20 28	2 53	21 13	1 39	17 49	1 0	7 45	1 17	17 18	0 34	0 38	0 44	22 2
W17	21 10	19 8	3 47	20 39	2 40	21 21	1 37	18 0	1 0	7 47	1 18	17 19	0 34	0 37	0 44	22 2
T 18	21 0	23 12	4 25	20 50	2 28	21 28	1 34	18 10	0 59	7 49	1 18	17 21	0 34	0 36	0 44	22 2
F 19	20 49	26 17	4 52	21 0	2 15	21 35	1 32	18 21	0 58	7 50	1 18	17 22	0 34	0 35	0 44	22 2
S 20	20 38	28 5	5 5	21 10	2 2	21 41	1 30	18 31	0 58	7 52	1 18	17 23	0 35	0 34	0 44	22 2
S 21	20 27	28 19	5 1	21 19	1 49	21 47	1 27	18 42	0 57	7 53	1 19	17 24	0 35	0 33	0 44	22 2
M22	20 15	26 50	4 41	21 27	1 35	21 52	1 25	18 52	0 56	7 55	1 19	17 26	0 35	0 32	0 44	22 2
T 23	20 3	23 40	4 3	21 34	1 22	21 57	1 22	19 1	0 56	7 56	1 19	17 27	0 35	0 32	0 44	22 2
W24	19 51	19 0	3 9	21 40	1 8	22 1	1 20	19 11	0 55	7 57	1 20	17 28	0 35	0 31	0 44	22 2
T 25	19 38	13 12	2 3	21 44	0 55	22 4	1 17	19 21	0 54	7 58	1 20	17 30	0 35	0 30	0 44	22 2
F 26	19 26	6 39	0 48	21 46	0 42	22 7	1 14	19 30	0 54	8 0	1 20	17 31	0 35	0 29	0 44	22 2
S 27	19 12	0s13	0s30	21 47	0 29	22 10	1 12	19 39	0 53	8 1	1 20	17 32	0 35	0 28	0 44	22 2
S 28	18 59	7 2	1 45	21 45	0 16	22 11	1 9	19 48	0 52	8 2	1 21	17 34	0 35	0 27	0 44	22 2
M29	18 45	13 25	2 53	21 42	0 4	22 12	1 6	19 57	0 52	8 3	1 21	17 35	0 35	0 26	0 44	22 2
T 30	18 31	19 3	3 50	21 36	0n 8	22 13	1 3	20 5	0 51	8 3	1 21	17 36	0 36	0 25	0 44	22 2
W31	18n16	23s35	4s33	21n28	0n19	22n12	1s 1	20n13	0s50	8n 4	1s21	17s38	0s36	0n23	0n44	22s 2

Julian Day Number = 2685115.5, Delta T = 22m51s  
 Ecliptic obliquity = 23°21'31", Nutation = 0°00'01  
 Ayanamsha: Fagan/Bradley = 33°41'08", Lahiri = 32°48'08"

## ASTRODIENST EPHEMERIS for the year 2639

AUGUST 2639

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 36 45	8♂42'43	9♂32	26♂28	7♂20	5♂36	24♂12	12°R13	0♂44	28°R54	22♂27	23°R49	25♂3	6♂55	29°R58	T 1
F 2	20 40 42	9°40'01	23° 0	28°28	8°32	6°18	24°14	12°28	0°47	28°53	22°28	23°44	25° 0	7° 1	29°55	F 2
S 3	20 44 39	10°37'18	6♂15	0♂29	9°43	6°59	24°16	12° 4	0°50	28°52	22°29	23°37	24°57	7° 8	29°52	S 3
S 4	20 48 35	11°34'37	19°16	2°32	10°55	7°41	24°18	12° 0	0°52	28°51	22°30	23°30	24°53	7°15	29°50	S 4
M 5	20 52 32	12°31'55	2°28	4°37	12° 6	8°22	24°20	11°55	0°55	28°50	22°31	23°23	24°50	7°21	29°48	M 5
T 6	20 56 28	13°29'14	14°39	6°42	13°18	9° 3	24°22	11°51	0°58	28°49	22°32	23°17	24°47	7°28	29°45	T 6
W 7	21 0 25	14°26'34	27° 0	8°48	14°30	9°44	24°24	11°46	1° 1	28°48	22°33	23°13	24°44	7°35	29°43	W 7
T 8	21 4 21	15°23'54	9♂ 9	10°55	15°42	10°25	24°25	11°42	1° 4	28°47	22°34	23°10	24°41	7°41	29°41	T 8
F 9	21 8 18	16°21'15	21° 8	13° 1	16°53	11° 6	24°26	11°37	1° 7	28°46	22°34	23°D 9	24°38	7°48	29°39	F 9
S 10	21 12 14	17°18'37	3♂ 0	15° 8	18° 5	11°47	24°27	11°33	1°10	28°45	22°35	23° 9	24°34	7°55	29°37	S 10
S 11	21 16 11	18°16'00	14°48	17°14	19°17	12°27	24°28	11°29	1°13	28°44	22°36	23°11	24°31	8° 1	29°35	S 11
M12	21 20 8	19°13'24	26°37	19°19	20°29	13° 8	24°28	11°24	1°16	28°43	22°37	23°12	24°28	8° 8	29°33	M12
T 13	21 24 4	20°10'49	8♂30	21°24	21°41	13°48	24°29	11°20	1°19	28°42	22°38	23°14	24°25	8°15	29°31	T 13
W14	21 28 1	21° 8'15	20°34	23°27	22°53	14°29	24°R29	11°16	1°22	28°41	22°39	23°R14	24°22	8°21	29°29	W14
T 15	21 31 57	22° 5'43	2♂53	25°30	24° 6	15° 9	24°29	11°11	1°25	28°40	22°39	23°14	24°19	8°28	29°28	T 15
F 16	21 35 54	23° 3'11	15°31	27°31	25°18	15°49	24°29	11° 7	1°28	28°40	22°40	23°12	24°15	8°35	29°26	F 16
S 17	21 39 50	24° 0'41	28°32	29°31	26°30	16°29	24°28	11° 3	1°31	28°39	22°41	23° 9	24°12	8°41	29°25	S 17
S 18	21 43 47	24°58'12	11♂59	1♂30	27°42	17° 9	24°28	10°58	1°34	28°38	22°42	23° 5	24° 9	8°48	29°23	S 18
M19	21 47 43	25°55'45	25°51	3°27	28°55	17°49	24°27	10°54	1°38	28°37	22°42	23° 1	24° 6	8°55	29°22	M19
T 20	21 51 40	26°53'18	10♂ 7	5°22	0♂ 7	18°28	24°26	10°50	1°41	28°37	22°43	22°57	24° 3	9° 1	29°21	T 20
W21	21 55 37	27°50'52	24°42	7°17	1°20	19° 8	24°25	10°46	1°44	28°36	22°44	22°55	23°59	9° 8	29°20	W21
T 22	21 59 33	28°48'28	9♂30	9° 9	2°32	19°47	24°23	10°42	1°48	28°35	22°45	22°53	23°56	9°14	29°19	T 22
F 23	22 3 30	29°46'04	24°24	11° 1	3°45	20°27	24°22	10°38	1°51	28°35	22°45	22°D52	23°53	9°21	29°18	F 23
S 24	22 7 26	0♂43'42	9♂15	12°50	4°57	21° 6	24°20	10°34	1°54	28°34	22°46	22°53	23°50	9°28	29°17	S 24
S 25	22 11 23	1°41'20	23°56	14°39	6°10	21°45	24°18	10°30	1°58	28°34	22°46	22°54	23°47	9°34	29°16	S 25
M26	22 15 19	2°38'59	8♂24	16°25	7°23	22°24	24°16	10°26	2° 1	28°33	22°47	22°56	23°44	9°41	29°16	M26
T 27	22 19 16	3°36'40	22°34	18°10	8°36	23° 2	24°13	10°22	2° 4	28°33	22°48	22°56	23°40	9°48	29°15	T 27
W28	22 23 12	4°34'21	6♂25	19°54	9°48	23°41	24°11	10°18	2° 8	28°32	22°48	22°R57	23°37	9°54	29°15	W28
T 29	22 27 9	5°32'03	19°58	21°37	11° 1	24°19	24° 8	10°14	2°11	28°32	22°49	22°56	23°34	10° 1	29°14	T 29
F 30	22 31 6	6°29'47	3♂12	23°18	12°14	24°58	24° 5	10°10	2°15	28°32	22°49	22°55	23°31	10° 8	29°14	F 30
S 31	22 35 2	7♂27'31	16♂10	24♂57	13♂27	25♂36	24♂ 2	10°28	2°18	28°31	22°50	22°53	23°28	10°14	29°14	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	18n 1	26s44	4s59	21n17	0n30	22n12	0s58	20n21	0s49	8n 5	1s22	17s39	0s36	0n22	0n44	T 1
F 2	17 46	28 19	5 9	21 4	0 41	22 10	0 55	20 29	0 49	8 6	1 22	17 40	0 36	0 21	0 43	F 2
S 3	17 31	28 14	5 1	20 48	0 50	22 8	0 52	20 37	0 48	8 6	1 22	17 42	0 36	0 20	0 43	S 3
S 4	17 15	26 34	4 38	20 29	0 59	22 6	0 49	20 45	0 47	8 7	1 23	17 43	0 36	0 19	0 43	S 4
M 5	16 59	23 33	4 2	20 8	1 7	22 2	0 46	20 52	0 46	8 7	1 23	17 44	0 36	0 18	0 43	M 5
T 6	16 43	19 28	3 14	19 45	1 15	21 59	0 43	20 59	0 45	8 8	1 23	17 45	0 36	0 17	0 43	T 6
W 7	16 27	14 37	2 18	19 18	1 22	21 54	0 41	21 6	0 45	8 8	1 23	17 47	0 36	0 16	0 43	W 7
T 8	16 10	9 17	1 16	18 50	1 27	21 49	0 38	21 13	0 44	8 8	1 24	17 48	0 36	0 14	0 43	T 8
F 9	15 53	3 40	0 11	18 19	1 32	21 43	0 35	21 19	0 43	8 8	1 24	17 49	0 36	0 13	0 43	F 9
S 10	15 36	2n 0	0n54	17 47	1 36	21 37	0 32	21 26	0 42	8 8	1 24	17 51	0 36	0 12	0 43	S 10
S 11	15 18	7 35	1 56	17 12	1 40	21 30	0 29	21 32	0 41	8 8	1 24	17 52	0 37	0 11	0 43	S 11
M12	15 0	12 55	2 53	16 36	1 42	21 22	0 26	21 38	0 40	8 8	1 25	17 53	0 37	0 10	0 43	M12
T 13	14 43	17 48	3 43	15 58	1 44	21 14	0 23	21 44	0 39	8 8	1 25	17 55	0 37	0 8	0 43	T 13
W14	14 24	22 4	4 24	15 19	1 45	21 6	0 20	21 49	0 39	8 8	1 25	17 56	0 37	0 7	0 43	W14
T 15	14 6	25 28	4 54	14 38	1 46	20 56	0 17	21 55	0 38	8 8	1 26	17 57	0 37	0 6	0 43	T 15
F 16	13 47	27 43	5 11	13 57	1 45	20 46	0 14	22 0	0 37	8 7	1 26	17 58	0 37	0 5	0 43	F 16
S 17	13 28	28 33	5 12	13 14	1 44	20 36	0 11	22 5	0 36	8 7	1 26	18 0	0 37	0 3	0 43	S 17
S 18	13 9	27 45	4 57	12 30	1 43	20 25	0 9	22 10	0 35	8 7	1 26	18 1	0 37	0 2	0 43	S 18
M19	12 50	25 13	4 24	11 46	1 41	20 13	0 6	22 14	0 34	8 6	1 27	18 2	0 37	0 1	0 43	M19
T 20	12 31	21 5	3 34	11 2	1 38	20 1	0 3	22 19	0 33	8 5	1 27	18 3	0 37	0s 1	0 43	T 20
W21	12 11	15 35	2 29	10 16	1 34	19 48	0 0	22 23	0 32	8 5	1 27	18 4	0 37	0 2	0 43	W21
T 22	11 51	9 6	1 13	9 31	1 31	19 34	0n 3	22 27	0 31	8 4	1 27	18 6	0 37	0 3	0 43	T 22
F 23	11 31	2 5	0s 8	8 45	1 27	19 20	0 6	22 31	0 30	8 3	1 28	18 7	0 37	0 5	0 43	F 23
S 24	11 11	5s 1	1 29	7 59	1 22	19 6	0 8	22 35	0 29	8 2	1 28	18 8	0 37	0 6	0 43	S 24
S 25	10 50	11 47	2 43	7 13	1 17	18 51	0 11	22 38	0 28	8 1	1 28	18 9	0 38	0 7	0 43	S 25
M26	10 30	17 49	3 45	6 26	1 11	18 35	0 14	22 41	0 27	8 0	1 28	18 10	0 38	0 9	0 43	M26
T 27	10 9	22 45	4 33	5 40	1 6	18 19	0 16	22 45	0 26	7 59	1 29	18 11	0 38	0 10	0 43	T 27
W28	9 48	26 17	5 3	4 54	1 0	18 2	0 19	22 47	0 25	7 58	1 29	18 12	0 38	0 11	0 43	W28
T 29	9 27	28 13	5 15	4 8	0 53	17 45	0 22	22 50	0 24	7 57	1 29	18 13	0 38	0 13	0 43	T 29
F 30	9 6	28 30	5 11	3 22	0 46	17 28	0 24	22 53	0 23	7 55	1 29	18 15	0 38	0 14	0 43	F 30
S 31	8n45	27s11	4s50	2n36	0n39	17n10	0n27	22n55	0s22	7n54	1s30	18s16	0s38	0s16	0n43	S 31

Julian Day Number = 2685146.5, Delta T = 22m51s

Ecliptic obliquity = 23°21'31, Nutation = 0°00'03

Ayanamsha: Fagan/Bradley = 33°41'12, Lahiri = 32°48'12

# ASTRODIENST EPHEMERIS for the year 2639

SEPTEMBER 2639

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 38 59	8♎25'17	28♎52	26♎35	14♎40	26♎14	23°R58	10°R 3	2♎22	28°R31	22♎50	22°R51	23♎25	10°Y21	29°R14	S 1
M 2	22 42 55	9°23'03	11♎21	28°12	15°53	26°52	23°Y55	9♎59	2°25	28°R31	22°51	22°H49	23°21	10°28	29°D14	M 2
T 3	22 46 52	10°20'51	23°39	29°47	17° 6	27°30	23°51	9°56	2°29	28°30	22°51	22°47	23°18	10°34	29°R14	T 3
W 4	22 50 48	11°18'40	5♎46	1♎21	18°19	28° 8	23°47	9°52	2°33	28°30	22°51	22°46	23°15	10°41	29°14	W 4
T 5	22 54 45	12°16'31	17°45	2°53	19°33	28°45	23°43	9°49	2°36	28°30	22°52	22°D46	23°12	10°48	29°14	T 5
F 6	22 58 41	13°14'22	29°38	4°24	20°46	29°22	23°39	9°46	2°40	28°30	22°52	22°46	23° 9	10°54	29°15	F 6
S 7	23 2 38	14°12'16	11°Y27	5°54	21°59	29°59	23°34	9°42	2°43	28°30	22°52	22°46	23° 5	11° 1	29°15	S 7
S 8	23 6 35	15°10'11	23°15	7°22	23°12	0♎37	23°30	9°39	2°47	28°30	22°53	22°47	23° 2	11° 8	29°16	S 8
M 9	23 10 31	16° 8'08	5♎ 4	8°49	24°26	1°14	23°25	9°36	2°51	28°30	22°53	22°48	22°59	11°14	29°16	M 9
T 10	23 14 28	17° 6'06	16°59	10°15	25°39	1°50	23°20	9°33	2°54	28°D30	22°53	22°48	22°56	11°21	29°17	T 10
W 11	23 18 24	18° 4'07	29° 3	11°39	26°53	2°27	23°15	9°30	2°58	28°30	22°54	22°49	22°53	11°27	29°18	W 11
T 12	23 22 21	19° 2'09	11°H20	13° 1	28° 6	3° 4	23°10	9°27	3° 2	28°30	22°54	22°49	22°50	11°34	29°19	T 12
F 13	23 26 17	20° 0'13	23°56	14°22	29°20	3°40	23° 4	9°24	3° 5	28°30	22°54	22°R49	22°46	11°41	29°20	F 13
S 14	23 30 14	20°58'19	6♎52	15°42	0♎33	4°16	22°59	9°21	3° 9	28°30	22°54	22°49	22°43	11°47	29°21	S 14
S 15	23 34 10	21°56'27	20°14	17° 0	1°47	4°52	22°53	9°19	3°13	28°30	22°55	22°49	22°40	11°54	29°22	S 15
M 16	23 38 7	22°54'37	4♎ 2	18°16	3° 1	5°28	22°47	9°16	3°17	28°30	22°55	22°D49	22°37	12° 1	29°23	M 16
T 17	23 42 4	23°52'49	18°17	19°31	4°14	6° 3	22°41	9°14	3°20	28°30	22°55	22°49	22°34	12° 7	29°25	T 17
W 18	23 46 0	24°51'02	2♎55	20°44	5°28	6°39	22°35	9°11	3°24	28°31	22°55	22°49	22°31	12°14	29°26	W 18
T 19	23 49 57	25°49'18	17°52	21°55	6°42	7°14	22°28	9° 9	3°28	28°31	22°55	22°R49	22°27	12°21	29°28	T 19
F 20	23 53 53	26°47'35	2♎59	23° 4	7°56	7°49	22°22	9° 7	3°32	28°31	22°55	22°49	22°24	12°27	29°29	F 20
S 21	23 57 50	27°45'53	18° 9	24°11	9°10	8°24	22°15	9° 4	3°35	28°31	22°55	22°49	22°21	12°34	29°31	S 21
S 22	0 1 46	28°44'14	3♎10	25°16	10°24	8°59	22° 9	9° 2	3°39	28°32	22°55	22°48	22°18	12°41	29°33	S 22
M 23	0 5 43	29°42'36	17°56	26°19	11°38	9°33	22° 2	9° 0	3°43	28°32	22°R55	22°48	22°15	12°47	29°35	M 23
T 24	0 9 39	0♎41'00	2♎20	27°19	12°52	10° 7	21°55	8°58	3°47	28°33	22°55	22°47	22°11	12°54	29°37	T 24
W 25	0 13 36	1°39'25	16°20	28°17	14° 6	10°41	21°48	8°56	3°51	28°33	22°55	22°46	22° 8	13° 1	29°39	W 25
T 26	0 17 33	2°37'52	29°55	29°12	15°20	11°15	21°41	8°55	3°54	28°34	22°55	22°D46	22° 5	13° 7	29°41	T 26
F 27	0 21 29	3°36'20	13♎ 5	0♎ 4	16°34	11°49	21°34	8°53	3°58	28°34	22°55	22°46	22° 2	13°14	29°43	F 27
S 28	0 25 26	4°34'50	25°54	0°53	17°48	12°22	21°26	8°52	4° 2	28°35	22°55	22°47	21°59	13°21	29°45	S 28
S 29	0 29 22	5°33'22	8♎25	1°38	19° 2	12°56	21°19	8°50	4° 6	28°35	22°55	22°48	21°56	13°27	29°48	S 29
M 30	0 33 19	6♎31'55	20♎41	2♎20	20♎16	13♎29	21°Y11	8♎49	4♎10	28°R36	22♎55	22°H49	21°H52	13°Y34	29°R50	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	8n23	24s29	4s16	1n51	0n32	16n51	0n29	22n57	0s21	7n53	1s30	18s17	0s38	0s17	0n43	22s 3
M 2	8 1	20 40	3 30	1 6	0 25	16 32	0 32	22 59	0 20	7 51	1 30	18 18	0 38	0 18	0 43	22 3
T 3	7 40	16 1	2 34	0 21	0 17	16 12	0 34	23 1	0 19	7 49	1 30	18 19	0 38	0 20	0 43	22 3
W 4	7 18	10 48	1 33	0s23	0 10	15 52	0 37	23 3	0 18	7 48	1 31	18 20	0 38	0 21	0 43	22 3
T 5	6 56	5 15	0 28	1 7	0 2	15 32	0 39	23 5	0 17	7 46	1 31	18 21	0 38	0 23	0 43	22 3
F 6	6 34	0n26	0n38	1 51	0s 6	15 11	0 42	23 6	0 15	7 44	1 31	18 21	0 38	0 24	0 43	22 3
S 7	6 12	6 5	1 42	2 34	0 15	14 50	0 44	23 7	0 14	7 43	1 31	18 22	0 38	0 26	0 43	22 3
S 8	5 49	11 30	2 41	3 16	0 23	14 28	0 46	23 8	0 13	7 41	1 31	18 23	0 38	0 27	0 43	22 4
M 9	5 27	16 32	3 34	3 58	0 31	14 6	0 48	23 9	0 12	7 39	1 32	18 24	0 38	0 29	0 43	22 4
T 10	5 5	20 58	4 18	4 39	0 40	13 43	0 50	23 10	0 11	7 37	1 32	18 25	0 38	0 30	0 43	22 4
W 11	4 42	24 36	4 51	5 20	0 48	13 20	0 52	23 10	0 10	7 35	1 32	18 26	0 38	0 31	0 43	22 4
T 12	4 20	27 12	5 11	6 0	0 57	12 57	0 55	23 11	0 9	7 33	1 32	18 27	0 38	0 33	0 43	22 4
F 13	3 57	28 30	5 18	6 39	1 6	12 33	0 57	23 11	0 7	7 30	1 32	18 27	0 38	0 34	0 43	22 4
S 14	3 34	28 19	5 8	7 18	1 14	12 9	0 58	23 11	0 6	7 28	1 33	18 28	0 38	0 36	0 43	22 4
S 15	3 11	26 29	4 42	7 56	1 23	11 45	1 0	23 11	0 5	7 26	1 33	18 29	0 38	0 37	0 43	22 4
M 16	2 48	23 3	3 59	8 33	1 32	11 20	1 2	23 11	0 4	7 23	1 33	18 30	0 39	0 39	0 43	22 4
T 17	2 25	18 10	3 0	9 9	1 40	10 55	1 4	23 11	0 2	7 21	1 33	18 30	0 39	0 40	0 43	22 4
W 18	2 2	12 5	1 48	9 45	1 49	10 30	1 6	23 10	0 1	7 19	1 33	18 31	0 39	0 42	0 43	22 4
T 19	1 39	5 12	0 28	10 19	1 57	10 4	1 7	23 10	0n 0	7 16	1 33	18 32	0 39	0 43	0 42	22 4
F 20	1 16	2s 3	0s56	10 53	2 6	9 38	1 9	23 9	0 1	7 14	1 34	18 32	0 39	0 45	0 42	22 4
S 21	0 53	9 11	2 16	11 26	2 14	9 12	1 10	23 8	0 3	7 11	1 34	18 33	0 39	0 46	0 42	22 4
S 22	0 30	15 45	3 26	11 57	2 22	8 45	1 12	23 7	0 4	7 8	1 34	18 34	0 39	0 48	0 42	22 4
M 23	0 7	21 17	4 21	12 27	2 30	8 19	1 13	23 6	0 5	7 6	1 34	18 34	0 39	0 49	0 42	22 4
T 24	0s16	25 25	4 57	12 57	2 38	7 52	1 15	23 5	0 7	7 3	1 34	18 35	0 39	0 51	0 42	22 4
W 25	0 39	27 53	5 15	13 24	2 46	7 24	1 16	23 4	0 8	7 0	1 34	18 35	0 39	0 52	0 42	22 4
T 26	1 3	28 36	5 15	13 51	2 53	6 57	1 17	23 2	0 9	6 58	1 34	18 36	0 39	0 54	0 42	22 4
F 27	1 26	27 39	4 58	14 16	3 0	6 29	1 18	23 1	0 11	6 55	1 35	18 36	0 39	0 55	0 42	22 4
S 28	1 49	25 15	4 26	14 40	3 7	6 2	1 20	22 59	0 12	6 52	1 35	18 37	0 39	0 57	0 42	22 5
S 29	2 12	21 40	3 42	15 2	3 14	5 34	1 21	22 57	0 13	6 49	1 35	18 37	0 39	0 58	0 42	22 5
M 30	2s35	17s13	2s49	15s22	3s20	5n 6	1n22	22n55	0n15	6n46	1s35	18s37	0s39	1s 0	0n42	22s 5

Julian Day Number = 2685177.5, Delta T = 22m52s  
Ecliptic obliquity = 23°21'32, Nutation = 0°00'03  
Ayanamsha: Fagan/Bradley = 33°41'16, Lahiri = 32°48'16

## ASTRODIENST EPHEMERIS for the year 2639

OCTOBER 2639

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 37 15	7♂30'30	2♂46	2♂58	21♂31	14♂2	21°R 4	8°R47	4♂13	28♂37	22°R54	22♂50	21♂49	13♂41	29♂53	T 1
W 2	0 41 12	8°29'06	14°43	3°31	22°45	14°34	20°Y56	8°46	4°17	28°37	22°II54	22°51	21°46	13°47	29°56	W 2
T 3	0 45 8	9°27'44	26°35	4° 0	23°59	15° 7	20°48	8°45	4°21	28°38	22°54	22°R51	21°43	13°54	29°58	T 3
F 4	0 49 5	10°26'24	8°Y24	4°24	25°14	15°39	20°41	8°44	4°25	28°39	22°54	22°50	21°40	14° 0	0° 1	F 4
S 5	0 53 1	11°25'06	20°12	4°43	26°28	16°11	20°33	8°43	4°28	28°40	22°54	22°49	21°36	14° 7	0° 4	S 5
S 6	0 56 58	12°23'51	2♂2	4°56	27°42	16°42	20°25	8°42	4°32	28°40	22°53	22°46	21°33	14°14	0° 7	S 6
M 7	1 0 55	13°22'37	13°56	5° 2	28°57	17°14	20°17	8°42	4°36	28°41	22°53	22°43	21°30	14°20	0°10	M 7
T 8	1 4 51	14°21'25	25°55	5°R 3	0♂11	17°45	20° 9	8°41	4°40	28°42	22°53	22°39	21°27	14°27	0°13	T 8
W 9	1 8 48	15°20'15	8♂4	4°56	1°26	18°16	20° 1	8°41	4°43	28°43	22°52	22°36	21°24	14°34	0°17	W 9
T 10	1 12 44	16°19'08	20°23	4°42	2°40	18°47	19°53	8°40	4°47	28°44	22°52	22°33	21°21	14°40	0°20	T 10
F 11	1 16 41	17°18'03	2♂58	4°21	3°55	19°17	19°45	8°40	4°51	28°45	22°52	22°31	21°17	14°47	0°23	F 11
S 12	1 20 37	18°17'00	15°51	3°52	5°10	19°47	19°37	8°40	4°55	28°46	22°51	22°D30	21°14	14°54	0°27	S 12
S 13	1 24 34	19°15'59	29° 5	3°15	6°24	20°17	19°29	8°40	4°58	28°47	22°51	22°31	21°11	15° 0	0°31	S 13
M14	1 28 30	20°15'01	12♂42	2°31	7°39	20°47	19°21	8°D40	5° 2	28°48	22°51	22°32	21° 8	15° 7	0°34	M14
T 15	1 32 27	21°14'05	26°46	1°40	8°53	21°16	19°13	8°40	5° 6	28°49	22°50	22°33	21° 5	15°14	0°38	T 15
W16	1 36 24	22°13'11	11♂14	0°42	10° 8	21°45	19° 5	8°40	5° 9	28°50	22°50	22°35	21° 2	15°20	0°42	W16
T 17	1 40 20	23°12'19	26° 3	29♂39	11°23	22°14	18°57	8°40	5°13	28°51	22°49	22°R35	20°58	15°27	0°46	T 17
F 18	1 44 17	24°11'29	11♂9	28°32	12°38	22°43	18°48	8°41	5°17	28°53	22°49	22°34	20°55	15°34	0°49	F 18
S 19	1 48 13	25°10'42	26°23	27°22	13°53	23°11	18°41	8°41	5°20	28°54	22°48	22°31	20°52	15°40	0°53	S 19
S 20	1 52 10	26° 9'56	11♂34	26°11	15° 7	23°39	18°33	8°42	5°24	28°55	22°48	22°27	20°49	15°47	0°58	S 20
M21	1 56 6	27° 9'13	26°32	25° 1	16°22	24° 6	18°25	8°42	5°28	28°56	22°47	22°22	20°46	15°54	1° 2	M21
T 22	2 0 3	28° 8'31	11♂10	23°54	17°37	24°33	18°17	8°43	5°31	28°58	22°46	22°17	20°42	16° 0	1° 6	T 22
W23	2 3 59	29° 7'51	25°21	22°52	18°52	25° 0	18° 9	8°44	5°35	28°59	22°46	22°12	20°39	16° 7	1°10	W23
T 24	2 7 56	0♂7'13	9♂4	21°57	20° 7	25°27	18° 1	8°45	5°38	29° 0	22°45	22° 8	20°36	16°14	1°15	T 24
F 25	2 11 53	1° 6'37	22°18	21°10	21°22	25°53	17°54	8°46	5°42	29° 2	22°45	22° 6	20°33	16°20	1°19	F 25
S 26	2 15 49	2° 6'02	5♂7	20°32	22°37	26°19	17°46	8°47	5°45	29° 3	22°44	22°D 6	20°30	16°27	1°24	S 26
S 27	2 19 46	3° 5'29	17°34	20° 5	23°52	26°44	17°39	8°49	5°49	29° 5	22°43	22° 7	20°27	16°34	1°28	S 27
M28	2 23 42	4° 4'58	29°45	19°48	25° 7	27° 9	17°31	8°50	5°52	29° 6	22°42	22° 8	20°23	16°40	1°33	M28
T 29	2 27 39	5° 4'29	11♂43	19°D43	26°22	27°34	17°24	8°51	5°56	29° 7	22°42	22°10	20°20	16°47	1°37	T 29
W30	2 31 35	6° 4'01	23°34	19°49	27°37	27°58	17°17	8°53	5°59	29° 9	22°41	22°R10	20°17	16°54	1°42	W30
T 31	2 35 32	7♂3'35	5°Y22	20♂6	28♂52	28♂22	17°Y 9	8°55	6♂2	29♂10	22°II40	22♂9	20♂14	17°Y 0	1°47	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	2s58	12s 9	1s49	15s40	3s25	4n37	1n23	22n53	0n16	6n43	1s35	18s38	0s39	1s 1	0n42	22s 5	1n16
W 2	3 21	6 41	0 45	15 57	3 30	4 9	1 23	22 51	0 18	6 41	1 35	18 38	0 39	1 3	0 42	22 5	1 16
T 3	3 44	1 2	0n21	16 11	3 35	3 40	1 24	22 49	0 19	6 38	1 35	18 38	0 39	1 4	0 42	22 5	1 16
F 4	4 7	4n37	1 25	16 22	3 39	3 11	1 25	22 47	0 21	6 35	1 35	18 39	0 39	1 6	0 42	22 5	1 16
S 5	4 30	10 7	2 25	16 32	3 42	2 43	1 25	22 45	0 22	6 32	1 35	18 39	0 39	1 7	0 42	22 5	1 16
S 6	4 53	15 16	3 20	16 38	3 44	2 14	1 26	22 42	0 23	6 29	1 35	18 39	0 39	1 9	0 42	22 5	1 16
M 7	5 16	19 52	4 6	16 41	3 45	1 45	1 27	22 40	0 25	6 26	1 35	18 39	0 39	1 10	0 42	22 5	1 16
T 8	5 39	23 43	4 41	16 42	3 45	1 15	1 27	22 37	0 27	6 23	1 35	18 39	0 39	1 12	0 42	22 5	1 16
W 9	6 1	26 35	5 4	16 38	3 44	0 46	1 27	22 35	0 28	6 20	1 35	18 40	0 39	1 13	0 42	22 5	1 16
T 10	6 24	28 14	5 14	16 32	3 42	0 17	1 28	22 32	0 30	6 17	1 35	18 40	0 39	1 15	0 42	22 5	1 16
F 11	6 46	28 29	5 9	16 21	3 38	0s12	1 28	22 29	0 31	6 14	1 35	18 40	0 39	1 16	0 42	22 5	1 16
S 12	7 9	27 12	4 49	16 6	3 33	0 42	1 28	22 27	0 33	6 11	1 35	18 40	0 39	1 18	0 42	22 5	1 16
S 13	7 31	24 24	4 13	15 47	3 26	1 11	1 28	22 24	0 34	6 8	1 35	18 40	0 39	1 19	0 42	22 5	1 16
M14	7 53	20 10	3 22	15 23	3 17	1 40	1 28	22 21	0 36	6 5	1 35	18 40	0 39	1 21	0 43	22 5	1 16
T 15	8 15	14 42	2 17	14 55	3 6	2 10	1 28	22 18	0 38	6 2	1 35	18 40	0 39	1 22	0 43	22 6	1 16
W16	8 37	8 17	1 2	14 24	2 54	2 39	1 28	22 15	0 39	5 59	1 35	18 40	0 39	1 23	0 43	22 6	1 16
T 17	8 59	1 16	0s19	13 48	2 39	3 8	1 28	22 12	0 41	5 56	1 35	18 40	0 39	1 25	0 43	22 6	1 16
F 18	9 21	5s56	1 40	13 9	2 23	3 38	1 28	22 9	0 43	5 53	1 35	18 40	0 39	1 26	0 43	22 6	1 16
S 19	9 43	12 51	2 54	12 27	2 6	4 7	1 27	22 6	0 44	5 50	1 35	18 40	0 39	1 28	0 43	22 6	1 16
S 20	10 4	18 59	3 56	11 44	1 47	4 36	1 27	22 3	0 46	5 47	1 35	18 39	0 39	1 29	0 43	22 6	1 15
M21	10 25	23 52	4 41	11 0	1 27	5 5	1 27	22 0	0 48	5 44	1 35	18 39	0 39	1 31	0 43	22 6	1 15
T 22	10 47	27 5	5 6	10 17	1 7	5 34	1 26	21 57	0 49	5 41	1 35	18 39	0 39	1 32	0 43	22 6	1 15
W23	11 8	28 27	5 11	9 35	0 46	6 3	1 26	21 54	0 51	5 38	1 35	18 39	0 39	1 33	0 43	22 6	1 15
T 24	11 29	28 0	4 58	8 55	0 26	6 31	1 25	21 51	0 53	5 35	1 35	18 39	0 39	1 35	0 43	22 6	1 15
F 25	11 49	25 57	4 29	8 19	0 6	7 0	1 24	21 48	0 55	5 32	1 35	18 38	0 39	1 36	0 43	22 6	1 15
S 26	12 10	22 37	3 48	7 47	0n13	7 29	1 23	21 45	0 57	5 30	1 35	18 38	0 39	1 38	0 43	22 6	1 15
S 27	12 30	18 19	2 57	7 20	0 31	7 57	1 23	21 42	0 59	5 27	1 34	18 38	0 39	1 39	0 43	22 6	1 15
M28	12 50	13 23	1 59	6 59	0 48	8 25	1 22	21 39	1 0	5 24	1 34	18 37	0 39	1 40	0 43	22 6	1 15
T 29	13 10	8 1	0 56	6 43	1 3	8 53	1 21	21 36	1 2	5 21	1 34	18 37	0 39	1 42	0 43	22 6	1 15
W30	13 30	2 26	0n 8	6 33	1 16	9 21	1 20	21 33	1 4	5 19	1 34	18 37	0 39	1 43	0 43	22 6	1 15
T 31	13s49	3n13	1n11	6s28	1n28	9s48	1n19	21n30	1n 6	5n16	1s34	18s36	0s39	1s44	0n43	22s 6	1n15

Julian Day Number = 2685207.5, Delta T = 22m52s

Ecliptic obliquity = 23°21'32, Nutation = 0°00'02

Ayanamsha: Fagan/Bradley = 33°41'21, Lahiri = 32°48'20

# ASTRODIENST EPHEMERIS for the year 2639

NOVEMBER 2639

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	2 39 28	8♉ 3'11	17♊ 10	20♋ 32	0♉ 7	28♌ 46	17°R 2	8♉ 56	6♉ 6	29♊ 12	22°R 40	22°R 6	20♋ 11	17♊ 7	1♌ 52	F 1
S 2	2 43 25	9° 2'48	29° 1	21° 9	1°22	29° 9	16°V 56	8°58	6° 9	29°14	22°II 39	22°R 1	20° 8	17°14	1°57	S 2
S 3	2 47 22	10° 2'28	10♈ 56	21°53	2°37	29°32	16°49	9° 0	6°13	29°15	22°38	21°53	20° 4	17°20	2° 2	S 3
M 4	2 51 18	11° 2'10	22°58	22°46	3°52	29°54	16°42	9° 2	6°16	29°17	22°37	21°44	20° 1	17°27	2° 7	M 4
T 5	2 55 15	12° 1'53	5♉ 8	23°46	5° 7	0♉ 16	16°35	9° 5	6°19	29°19	22°36	21°35	19°58	17°34	2°12	T 5
W 6	2 59 11	13° 1'39	17°28	24°52	6°22	0°37	16°29	9° 7	6°22	29°20	22°36	21°25	19°55	17°40	2°17	W 6
T 7	3 3 8	14° 1'27	29°57	26° 3	7°37	0°58	16°23	9° 9	6°26	29°22	22°35	21°17	19°52	17°47	2°22	T 7
F 8	3 7 4	15° 1'17	12♈ 38	27°20	8°52	1°19	16°17	9°12	6°29	29°24	22°34	21°10	19°48	17°54	2°28	F 8
S 9	3 11 1	16° 1'09	25°34	28°40	10° 7	1°39	16°11	9°14	6°32	29°25	22°33	21° 6	19°45	18° 0	2°33	S 9
S 10	3 14 57	17° 1'03	8♉ 45	0♉ 3	11°23	1°59	16° 5	9°17	6°35	29°27	22°32	21° 3	19°42	18° 7	2°38	S 10
M 11	3 18 54	18° 1'00	22°15	1°29	12°38	2°18	15°59	9°19	6°38	29°29	22°31	21°D 3	19°39	18°14	2°44	M 11
T 12	3 22 51	19° 0'58	6♊ 5	2°58	13°53	2°37	15°54	9°22	6°41	29°31	22°30	21° 4	19°36	18°20	2°49	T 12
W 13	3 26 47	20° 0'59	20°17	4°29	15° 8	2°55	15°48	9°25	6°44	29°33	22°29	21°R 4	19°33	18°27	2°55	W 13
T 14	3 30 44	21° 1'01	4♈ 48	6° 1	16°23	3°12	15°43	9°28	6°47	29°34	22°28	21° 4	19°29	18°34	3° 1	T 14
F 15	3 34 40	22° 1'06	19°37	7°35	17°39	3°29	15°38	9°31	6°50	29°36	22°27	21° 1	19°26	18°40	3° 6	F 15
S 16	3 38 37	23° 1'13	4♉ 38	9° 9	18°54	3°46	15°33	9°34	6°53	29°38	22°26	20°55	19°23	18°47	3°12	S 16
S 17	3 42 33	24° 1'22	19°41	10°44	20° 9	4° 2	15°28	9°38	6°56	29°40	22°25	20°47	19°20	18°54	3°18	S 17
M 18	3 46 30	25° 1'32	4♊ 17	12°20	21°24	4°17	15°24	9°41	6°59	29°42	22°24	20°37	19°17	19° 0	3°23	M 18
T 19	3 50 26	26° 1'45	19°17	13°57	22°40	4°32	15°19	9°45	7° 2	29°44	22°23	20°27	19°14	19° 7	3°29	T 19
W 20	3 54 23	27° 1'59	3♈ 34	15°33	23°55	4°46	15°15	9°48	7° 4	29°46	22°22	20°17	19°10	19°14	3°35	W 20
T 21	3 58 20	28° 2'15	17°23	17°10	25°10	5° 0	15°11	9°52	7° 7	29°48	22°21	20° 8	19° 7	19°20	3°41	T 21
F 22	4 2 16	29° 2'32	0♈ 43	18°47	26°26	5°13	15° 7	9°55	7°10	29°50	22°20	20° 3	19° 4	19°27	3°47	F 22
S 23	4 6 13	0♊ 2'50	13°36	20°24	27°41	5°25	15° 4	9°59	7°12	29°52	22°19	19°59	19° 1	19°34	3°53	S 23
S 24	4 10 9	1° 3'10	26° 5	22° 1	28°56	5°37	15° 0	10° 3	7°15	29°54	22°18	19°D 58	18°58	19°40	3°59	S 24
M 25	4 14 6	2° 3'31	8♉ 16	23°38	0♊ 12	5°48	14°57	10° 7	7°18	29°56	22°17	19°58	18°54	19°47	4° 5	M 25
T 26	4 18 2	3° 3'53	20°14	25°14	1°27	5°59	14°54	10°11	7°20	29°58	22°16	19°R 58	18°51	19°54	4°11	T 26
W 27	4 21 59	4° 4'17	2♊ 3	26°51	2°42	6° 8	14°51	10°15	7°23	0♌ 0	22°15	19°57	18°48	20° 0	4°17	W 27
T 28	4 25 55	5° 4'42	13°51	28°27	3°58	6°17	14°49	10°19	7°25	0° 2	22°14	19°55	18°45	20° 7	4°24	T 28
F 29	4 29 52	6° 5'08	25°40	0♊ 3	5°13	6°26	14°46	10°24	7°28	0° 4	22°13	19°50	18°42	20°13	4°30	F 29
S 30	4 33 49	7♊ 5'36	7♈ 34	1♊ 39	6♊ 28	6♉ 33	14°V 44	10♈ 28	7♈ 30	0♌ 6	22°II 12	19°H 42	18°H 39	20°V 20	4♌ 36	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	14s 9	8n44	2n11	6s29	1n38	10s16	1n18	21n27	1n 8	5n14	1s34	18s36	0s39	1s46	0n43	22s 6	1n15	12n29	10s41	3s 7	3s53	8n52	17s21	6n 0			
S 2	14 28	13 59	3 6	6 34	1 47	10 43	1 16	21 24	1 10	5 11	1 34	18 35	0 39	1 47	0 43	22 6	1 15	12 29	10 41	3 9	3 54	8 55	17 22	5 59			
S 3	14 47	18 44	3 52	6 44	1 54	11 10	1 15	21 21	1 12	5 9	1 33	18 35	0 39	1 48	0 43	22 6	1 15	12 29	10 41	3 12	3 55	8 58	17 22	5 59			
M 4	15 5	22 47	4 29	6 59	1 59	11 36	1 14	21 19	1 14	5 6	1 33	18 34	0 39	1 49	0 43	22 7	1 15	12 29	10 42	3 16	3 56	9 1	17 22	5 59			
T 5	15 24	25 54	4 54	7 17	2 3	12 2	1 13	21 16	1 16	5 4	1 33	18 34	0 39	1 51	0 43	22 7	1 15	12 28	10 42	3 20	3 58	9 5	17 22	5 58			
W 6	15 42	27 50	5 5	7 38	2 6	12 29	1 11	21 13	1 18	5 2	1 33	18 33	0 39	1 52	0 43	22 7	1 15	12 28	10 42	3 23	3 59	9 8	17 23	5 58			
T 7	16 0	28 24	5 3	8 3	2 8	12 54	1 10	21 11	1 20	4 59	1 33	18 32	0 39	1 53	0 43	22 7	1 15	12 28	10 42	3 27	4 0	9 11	17 23	5 58			
F 8	16 17	27 29	4 45	8 29	2 8	13 20	1 8	21 8	1 23	4 57	1 33	18 32	0 39	1 54	0 43	22 7	1 15	12 28	10 42	3 29	4 1	9 14	17 23	5 57			
S 9	16 35	25 6	4 13	8 58	2 8	13 45	1 7	21 6	1 25	4 55	1 32	18 31	0 39	1 56	0 43	22 7	1 15	12 28	10 42	3 31	4 3	9 18	17 23	5 57			
S 10	16 52	21 20	3 27	9 29	2 7	14 10	1 5	21 4	1 27	4 53	1 32	18 30	0 39	1 57	0 43	22 7	1 15	12 28	10 42	3 32	4 4	9 21	17 23	5 57			
M11	17 8	16 23	2 28	10 0	2 4	14 34	1 4	21 2	1 29	4 51	1 32	18 30	0 39	1 58	0 43	22 7	1 15	12 28	10 42	3 32	4 5	9 24	17 24	5 56			
T 12	17 25	10 29	1 19	10 33	2 2	14 58	1 2	21 0	1 31	4 49	1 32	18 29	0 39	1 59	0 43	22 7	1 15	12 27	10 42	3 32	4 6	9 27	17 24	5 56			
W13	17 41	3 54	0 4	11 7	1 58	15 22	1 0	20 58	1 34	4 47	1 32	18 28	0 39	2 0	0 43	22 7	1 15	12 27	10 42	3 32	4 8	9 31	17 24	5 56			
T 14	17 57	3s 1	1s13	11 41	1 54	15 45	0 58	20 56	1 36	4 46	1 31	18 27	0 40	2 2	0 43	22 7	1 15	12 27	10 43	3 32	4 9	9 34	17 24	5 56			
F 15	18 13	9 55	2 26	12 16	1 50	16 8	0 56	20 54	1 38	4 44	1 31	18 27	0 40	2 3	0 43	22 7	1 14	12 27	10 43	3 33	4 10	9 37	17 24	5 55			
S 16	18 28	16 19	3 30	12 50	1 45	16 30	0 55	20 52	1 40	4 42	1 31	18 26	0 40	2 4	0 43	22 7	1 14	12 27	10 43	3 35	4 11	9 41	17 24	5 55			
S 17	18 43	21 46	4 20	13 25	1 40	16 53	0 53	20 51	1 43	4 41	1 31	18 25	0 40	2 5	0 43	22 7	1 14	12 27	10 43	3 38	4 13	9 44	17 24	5 55			
M18	18 58	25 46	4 52	14 0	1 34	17 14	0 51	20 49	1 45	4 39	1 30	18 24	0 40	2 6	0 43	22 7	1 14	12 27	10 43	3 42	4 14	9 47	17 24	5 55			
T 19	19 12	27 58	5 3	14 34	1 28	17 35	0 49	20 48	1 48	4 38	1 30	18 23	0 40	2 7	0 43	22 7	1 14	12 27	10 43	3 46	4 15	9 50	17 25	5 54			
W20	19 26	28 14	4 55	15 8	1 22	17 56	0 47	20 47	1 50	4 36	1 30	18 22	0 40	2 8	0 43	22 7	1 14	12 26	10 43	3 50	4 16	9 53	17 25	5 54			
T 21	19 39	26 42	4 30	15 41	1 16	18 16	0 45	20 46	1 52	4 35	1 30	18 21	0 40	2 9	0 43	22 7	1 14	12 26	10 43	3 54	4 18	9 57	17 25	5 54			
F 22	19 53	23 41	3 51	16 14	1 10	18 36	0 43	20 45	1 55	4 34	1 29	18 20	0 40	2 10	0 43	22 7	1 14	12 26	10 43	3 56	4 19	10 0	17 25	5 54			
S 23	20 6	19 34	3 1	16 46	1 3	18 55	0 41	20 45	1 57	4 33	1 29	18 19	0 40	2 11	0 43	22 7	1 14	12 26	10 43	3 57	4 20	10 3	17 25	5 53			
S 24	20 18	14 43	2 3	17 18	0 56	19 14	0 38	20 44	2 0	4 31	1 29	18 18	0 40	2 12	0 43	22 7	1 14	12 26	10 43	3 58	4 21	10 6	17 25	5 53			
M25	20 30	9 24	1 2	17 49	0 50	19 32	0 36	20 44	2 2	4 31	1 29	18 17	0 40	2 13	0 43	22 7	1 14	12 26	10 43	3 58	4 22	10 10	17 25	5 53			
T 26	20 42	3 50	0n 1	18 19	0 43	19 50	0 34	20 44	2 5	4 30	1 28	18 16	0 40	2 14	0 43	22 7	1 14	12 26	10 43	3 58	4 24	10 13	17 25	5 53			
W27	20 53	1n47	1 4	18 48	0 36	20 7	0 32	20 44	2 8	4 29	1 28	18 15	0 40	2 15	0 43	22 7	1 14	12 26	10 43	3 58	4 25	10 16	17 25	5 53			
T 28	21 4	7 20	2 3	19 17	0 29	20 23	0 30	20 44	2 10	4 28	1 28	18 14	0 40	2 16	0 43	22 7	1 14	12 26	10 43	3 59	4 26	10 19	17 25	5 53			
F 29	21 15	12 38	2 57	19 44	0 22	20 39	0 27	20 45	2 13	4 27	1 28	18 13	0 40	2 17	0 43	22 7	1 14	12 26	10 43	4 1	4 27	10 23	17 25	5 52			
S 30	21s25	17n31	3n44	20s11	0n15	20s54	0n25	20n46	2n16	4n27	1s27	18s12	0s40	2s18	0n43	22s 7	1n14	12n25	10s43	4s 4	4s29	10n26	17s25	5n52			

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 37 45	8♌ 6'05	19♏38	3♌15	7♌44	6♏40	14°R42	10≈32	7♏32	0♌ 9	22°R11	19°R31	18♏35	20♏27	4♌22	S 1	
M 2	4 41 42	9° 6'36	1♏51	4°50	8°59	6°47	14°Y40	10°37	7°35	0°11	22♏10	19♏18	18°32	20°33	4°49	M 2	
T 3	4 45 38	10° 7'08	14°15	6°26	10°14	6°52	14°39	10°41	7°37	0°13	22° 9	19° 4	18°29	20°40	4°55	T 3	
W 4	4 49 35	11° 7'42	26°51	8° 1	11°30	6°57	14°37	10°46	7°39	0°15	22° 7	18°50	18°26	20°47	5° 1	W 4	
T 5	4 53 31	12° 8'17	9♏38	9°36	12°45	7° 1	14°36	10°51	7°41	0°17	22° 6	18°38	18°23	20°54	5° 8	T 5	
F 6	4 57 28	13° 8'54	22°36	11°11	14° 1	7° 4	14°35	10°56	7°43	0°19	22° 5	18°27	18°20	21° 0	5°14	F 6	
S 7	5 1 25	14° 9'32	5♏45	12°45	15°16	7° 7	14°34	11° 0	7°45	0°22	22° 4	18°20	18°16	21° 7	5°20	S 7	
S 8	5 5 21	15°10'11	19° 5	14°20	16°31	7° 8	14°34	11° 5	7°47	0°24	22° 3	18°16	18°13	21°14	5°27	S 8	
M 9	5 9 18	16°10'53	2♏37	15°54	17°47	7° 9	14°33	11°10	7°49	0°26	22° 2	18°14	18°10	21°20	5°33	M 9	
T 10	5 13 14	17°11'35	16°23	17°29	19° 2	7°R 9	14°D33	11°15	7°51	0°28	22° 1	18°14	18° 7	21°27	5°40	T 10	
W 11	5 17 11	18°12'20	0♏22	19° 3	20°17	7° 8	14°33	11°21	7°53	0°30	21°59	18°14	18° 4	21°34	5°46	W 11	
T 12	5 21 7	19°13'06	14°36	20°37	21°33	7° 7	14°34	11°26	7°55	0°33	21°58	18°12	18° 0	21°40	5°53	T 12	
F 13	5 25 4	20°13'53	29° 2	22°11	22°48	7° 4	14°34	11°31	7°56	0°35	21°57	18° 8	17°57	21°47	6° 0	F 13	
S 14	5 29 0	21°14'42	13♏38	23°45	24° 4	7° 1	14°35	11°36	7°58	0°37	21°56	18° 2	17°54	21°54	6° 6	S 14	
S 15	5 32 57	22°15'32	28°18	25°19	25°19	6°57	14°36	11°42	8° 0	0°39	21°55	17°52	17°51	22° 0	6°13	S 15	
M 16	5 36 54	23°16'23	12♏55	26°53	26°35	6°51	14°37	11°47	8° 1	0°42	21°54	17°41	17°48	22° 7	6°19	M 16	
T 17	5 40 50	24°17'16	27°21	28°27	27°50	6°46	14°38	11°53	8° 3	0°44	21°53	17°28	17°45	22°14	6°26	T 17	
W 18	5 44 47	25°18'10	11♏29	0♌ 1	29° 5	6°39	14°40	11°58	8° 4	0°46	21°51	17°16	17°41	22°20	6°33	W 18	
T 19	5 48 43	26°19'04	25°14	1°36	0♌21	6°31	14°41	12° 4	8° 6	0°48	21°50	17° 6	17°38	22°27	6°39	T 19	
F 20	5 52 40	27°20'00	8≈34	3°10	1°36	6°23	14°43	12°10	8° 7	0°51	21°49	16°58	17°35	22°34	6°46	F 20	
S 21	5 56 36	28°20'56	21°29	4°44	2°52	6°13	14°45	12°16	8° 9	0°53	21°48	16°53	17°32	22°40	6°53	S 21	
S 22	6 0 33	29°21'52	4♏ 2	6°18	4° 7	6° 3	14°48	12°21	8°10	0°55	21°47	16°50	17°29	22°47	6°59	S 22	
M 23	6 4 29	0♌22°49	16°15	7°52	5°23	5°52	14°50	12°27	8°11	0°57	21°46	16°D50	17°26	22°54	7° 6	M 23	
T 24	6 8 26	1°23'47	28°15	9°26	6°38	5°40	14°53	12°33	8°12	1° 0	21°45	16°R50	17°22	23° 0	7°13	T 24	
W 25	6 12 23	2°24'46	10♏Y 6	11° 1	7°54	5°27	14°56	12°39	8°13	1° 2	21°43	16°50	17°19	23° 7	7°19	W 25	
T 26	6 16 19	3°25'44	21°54	12°35	9° 9	5°14	14°59	12°45	8°15	1° 4	21°42	16°48	17°16	23°14	7°26	T 26	
F 27	6 20 16	4°26'44	3♏45	14° 9	10°24	5° 0	15° 2	12°51	8°16	1° 6	21°41	16°44	17°13	23°20	7°33	F 27	
S 28	6 24 12	5°27'44	15°43	15°44	11°40	4°45	15° 6	12°57	8°16	1° 9	21°40	16°37	17°10	23°27	7°40	S 28	
S 29	6 28 9	6°28'44	27°52	17°18	12°55	4°29	15°10	13° 3	8°17	1°11	21°39	16°28	17° 6	23°34	7°46	S 29	
M 30	6 32 5	7°29'45	10♏I 14	18°52	14°11	4°12	15°14	13°10	8°18	1°13	21°38	16°17	17° 3	23°40	7°53	M 30	
T 31	6 36 2	8♌30'46	22♏I 52	20♌27	15♌26	3♏Ω55	15°Y 18	13≈16	8♏19	1♌35	21♏I 37	16♏ 5	17♏ 0	23°Y 47	8♌ 0	T 31	

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21s35	21n46	4n21	20s36	0n 8	21s 9	0n23	20n46	2n18	4n26	1s27	18s10	0s40	2s19	0n43	22s 7	1n14	12n25	10s43	4s 8	4s30	10n29	17s25
M 2	21 44	25 8	4 46	21 1	0 1	21 23	0 20	20 47	2 21	4 26	1 27	18 9	0 40	2 20	0 44	22 7	1 14	12 25	10 43	4 13	4 31	10 32	17 25
T 3	21 53	27 23	4 59	21 24	0s 6	21 37	0 18	20 49	2 24	4 25	1 26	18 8	0 40	2 21	0 44	22 7	1 14	12 25	10 43	4 19	4 32	10 35	17 24
W 4	22 2	28 16	4 57	21 46	0 19	21 50	0 16	20 50	2 26	4 25	1 26	18 7	0 40	2 21	0 44	22 8	1 14	12 25	10 43	4 24	4 34	10 39	17 24
T 5	22 10	27 40	4 40	22 8	0 12	21 22	0 13	20 52	2 29	4 25	1 26	18 5	0 40	2 22	0 44	22 8	1 14	12 25	10 43	4 29	4 35	10 42	17 24
F 6	22 18	25 34	4 9	22 28	0 26	22 13	0 11	20 54	2 32	4 25	1 26	18 4	0 40	2 23	0 44	22 8	1 14	12 25	10 43	4 33	4 36	10 45	17 24
S 7	22 25	22 4	3 24	22 47	0 32	22 24	0 9	20 56	2 35	4 25	1 25	18 3	0 40	2 24	0 44	22 8	1 14	12 25	10 43	4 36	4 37	10 48	17 24
S 8	22 32	17 23	2 27	23 5	0 39	22 35	0 6	20 58	2 38	4 25	1 25	18 2	0 40	2 25	0 44	22 8	1 14	12 25	10 43	4 38	4 39	10 51	17 24
M 9	22 39	11 46	1 21	23 22	0 45	22 44	0 4	21 1	2 41	4 25	1 25	18 0	0 40	2 25	0 44	22 8	1 14	12 25	10 43	4 38	4 40	10 55	17 24
T 10	22 45	5 31	0 10	23 37	0 51	22 53	0 1	21 3	2 43	4 25	1 24	17 59	0 40	2 26	0 44	22 8	1 14	12 25	10 43	4 38	4 41	10 58	17 23
W 11	22 50	1s 7	1s 4	23 51	0 57	23 1	0s 1	21 6	2 46	4 25	1 24	17 57	0 40	2 27	0 44	22 8	1 14	12 25	10 43	4 38	4 42	11 1	17 23
T 12	22 55	7 48	2 14	24 5	1 3	23 9	0 3	21 10	2 49	4 26	1 24	17 56	0 40	2 27	0 44	22 8	1 14	12 25	10 43	4 39	4 44	11 4	17 23
F 13	23 0	14 10	3 18	24 16	1 9	23 16	0 6	21 13	2 52	4 26	1 24	17 55	0 40	2 28	0 44	22 8	1 14	12 25	10 43	4 40	4 45	11 7	17 23
S 14	23 4	19 50	4 8	24 27	1 14	23 22	0 8	21 17	2 55	4 27	1 23	17 53	0 40	2 29	0 44	22 8	1 14	12 25	10 43	4 43	4 46	11 10	17 23
S 15	23 8	24 19	4 43	24 36	1 10	23 27	0 11	21 20	2 58	4 27	1 23	17 52	0 40	2 29	0 44	22 8	1 14	12 25	10 43	4 47	4 47	11 14	17 22
M 16	23 11	27 13	4 59	24 44	1 25	23 32	0 13	21 25	3 1	4 28	1 23	17 50	0 40	2 30	0 44	22 8	1 14	12 25	10 43	4 51	4 48	11 17	17 22
T 17	23 14	28 16	4 56	24 51	1 30	23 36	0 15	21 29	3 4	4 29	1 22	17 49	0 40	2 30	0 44	22 8	1 14	12 25	10 43	4 56	4 50	11 20	17 22
W 18	23 17	27 25	4 34	24 56	1 35	23 39	0 18	21 33	3 6	4 30	1 22	17 47	0 40	2 31	0 44	22 8	1 14	12 25	10 43	5 1	4 51	11 23	17 21
T 19	23 18	24 54	3 57	25 0	1 39	23 42	0 20	21 38	3 9	4 31	1 22	17 46	0 40	2 32	0 44	22 8	1 14	12 25	10 43	5 5	4 52	11 26	17 21
F 20	23 20	21 5	3 8	25 3	1 44	23 43	0 22	21 43	3 12	4 32	1 22	17 44	0 40	2 32	0 44	22 8	1 14	12 25	10 43	5 8	4 53	11 30	17 21
S 21	23 21	16 21	2 10	25 4	1 48	23 44	0 25	21 48	3 15	4 33	1 21	17 42	0 40	2 33	0 44	22 8	1 14	12 25	10 43	5 10	4 55	11 33	17 21
S 22	23 21	11 3	1 7	25 4	1 52	23 45	0 27	21 53	3 18	4 34	1 21	17 41	0 40	2 33	0 44	22 8	1 14	12 25	10 43	5 11	4 56	11 36	17 20
M 23	23 21	5 27	0 3	25 3	1 55	23 44	0 29	21 59	3 21	4 35	1 21	17 39	0 40	2 33	0 44	22 8	1 14	12 25	10 43	5 11	4 57	11 39	17 20
T 24	23 21	0n13	1n 0	25 0	1 59	23 43	0 32	22 5	3 23	4 36	1 20	17 38	0 40	2 34	0 44	22 8	1 14	12 25	10 43	5 11	4 58	11 42	17 19
W 25	23 20	5 50	2 0	24 56	2 2	23 41	0 34	22 10	3 26	4 38	1 20	17 36	0 40	2 34	0 44	22 8	1 14	12 25	10 43	5 11	5 0	11 45	17 19
T 26	23 19	11 12	2 55	24 50	2 5	23 39	0 36	22 16	3 29	4 39	1 20	17 34	0 40	2 35	0 44	22 8	1 14	12 25	10 43	5 12	5 1	11 48	17 19
F 27	23 17	16 12	3 42	24 43	2 7	23 35	0 38	22 23	3 32	4 41	1 20	17 33	0 40	2 35	0 44	22 8	1 14	12 25	10 42	5 13	5 2	11 52	17 18
S 28	23 15	20 38	4 20	24 34	2 9	23 31	0 41	22 29	3 34	4 43	1 19	17 31	0 40	2 35	0 44	22 8	1 14	12 25	10 42	5 16	5 3	11 55	17 18
S 29	23 12	24 16	4 46	24 24	2 11	23 27	0 43	22 35	3 37	4 44	1 19	17 29	0 40	2 36	0 44	22 7	1 14	12 25	10 42	5 19	5 5	11 58	17 17
M 30	23 9	26 52	5 0	24 13	2 12	23 21	0 45	22 42	3 39	4 46	1 19	17 27	0 40	2 36	0 45	22 7	1 14	12 25	10 42	5 24	5 6	12 1	17 17
T 31	23s 5	28n 9	5n 0	24s 0	2s13	23s15	0s47	22n48	3n42	4n48	1s18	17s26	0s40	2s36	0n45	22s 7	1n14	12n25	10s42	5s28	5s 7	12n 4	17s17

## ASTRODIENST EPHEMERIS for the year 2640

JANUARY 2640

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	6 39 59	9°31'48	5°46	22°31	16°34	3°R37	15°Y22	13°22	8°20	1°18	21°R36	15°R52	16°H57	23°Y54	8°36	W 1
T 2	6 43 55	10°32'50	18°54	23°35	17°57	3°L19	15°26	13°29	8°20	1°20	21°H35	15°H41	16°54	24° 0	8°13	T 2
F 3	6 47 52	11°33'53	2°15	25° 8	19°12	2°59	15°31	13°35	8°21	1°22	21°34	15°32	16°51	24° 7	8°20	F 3
S 4	6 51 48	12°34'57	15°48	26°42	20°28	2°40	15°36	13°41	8°22	1°24	21°33	15°25	16°47	24°14	8°26	S 4
S 5	6 55 45	13°36'01	29°29	28°15	21°43	2°19	15°41	13°48	8°22	1°27	21°31	15°22	16°44	24°20	8°33	S 5
M 6	6 59 41	14°37'05	13°17	29°47	22°58	1°58	15°46	13°54	8°23	1°29	21°30	15°D21	16°41	24°27	8°40	M 6
T 7	7 3 38	15°38'10	27°13	1°19	24°14	1°37	15°52	14° 1	8°23	1°31	21°29	15°21	16°38	24°34	8°46	T 7
W 8	7 7 34	16°39'16	11°14	2°50	25°29	1°15	15°57	14° 8	8°23	1°33	21°28	15°R22	16°35	24°40	8°53	W 8
T 9	7 11 31	17°40'22	25°20	4°19	26°45	0°53	16° 3	14°14	8°24	1°35	21°27	15°22	16°32	24°47	9° 0	T 9
F 10	7 15 28	18°41'29	9°13	5°48	28° 0	0°30	16° 9	14°21	8°24	1°38	21°26	15°20	16°28	24°54	9° 6	F 10
S 11	7 19 24	19°42'36	23°43	7°15	29°15	0° 7	16°15	14°28	8°24	1°40	21°25	15°15	16°25	25° 0	9°13	S 11
S 12	7 23 21	20°43'44	7°55	8°40	0°31	29°54	16°21	14°34	8°24	1°42	21°24	15° 9	16°22	25° 7	9°20	S 12
M13	7 27 17	21°44'53	22° 3	10° 2	1°46	29°20	16°28	14°41	8°R24	1°44	21°23	15° 0	16°19	25°14	9°26	M13
T 14	7 31 14	22°46'01	6°32	11°22	3° 2	28°56	16°34	14°48	8°24	1°46	21°22	14°51	16°16	25°20	9°33	T 14
W15	7 35 10	23°47'10	19°48	12°39	4°17	28°33	16°41	14°55	8°24	1°48	21°21	14°42	16°12	25°27	9°39	W15
T 16	7 39 7	24°48'18	3°16	13°51	5°32	28° 9	16°48	15° 1	8°24	1°51	21°21	14°34	16° 9	25°34	9°46	T 16
F 17	7 43 3	25°49'27	16°26	15° 0	6°48	27°45	16°55	15° 8	8°24	1°53	21°20	14°28	16° 6	25°40	9°52	F 17
S 18	7 47 0	26°50'35	29°15	16° 3	8° 3	27°21	17° 2	15°15	8°23	1°55	21°19	14°25	16° 3	25°47	9°59	S 18
S 19	7 50 57	27°51'43	11°45	17° 0	9°19	26°57	17°10	15°22	8°23	1°57	21°18	14°D23	16° 0	25°54	10° 5	S 19
M20	7 54 53	28°52'51	23°58	17°50	10°34	26°33	17°18	15°29	8°23	1°59	21°17	14°24	15°57	26° 0	10°12	M20
T 21	7 58 50	29°53'58	5°Y59	18°33	11°49	26° 9	17°25	15°36	8°22	2° 1	21°16	14°25	15°53	26° 7	10°18	T 21
W22	8 2 46	0°55'05	17°52	19° 7	13° 5	25°46	17°33	15°43	8°22	2° 3	21°15	14°27	15°50	26°14	10°25	W22
T 23	8 6 43	1°56'11	29°41	19°32	14°20	25°23	17°41	15°50	8°21	2° 5	21°14	14°R27	15°47	26°21	10°31	T 23
F 24	8 10 39	2°57'17	11°33	19°46	15°35	25° 0	17°49	15°57	8°21	2° 7	21°14	14°27	15°44	26°27	10°37	F 24
S 25	8 14 36	3°58'22	23°31	19°R49	16°50	24°37	17°58	16° 4	8°20	2° 9	21°13	14°25	15°41	26°34	10°44	S 25
S 26	8 18 32	4°59'27	5°H42	19°41	18° 6	24°15	18° 6	16°11	8°20	2°11	21°12	14°21	15°38	26°41	10°50	S 26
M27	8 22 29	6° 0'31	18° 9	19°21	19°21	23°53	18°15	16°18	8°19	2°13	21°11	14°15	15°34	26°47	10°56	M27
T 28	8 26 26	7° 1'34	0°54	18°49	20°36	23°32	18°24	16°25	8°18	2°15	21°10	14° 9	15°31	26°54	11° 2	T 28
W29	8 30 22	8° 2'37	13°59	18° 7	21°51	23°11	18°33	16°32	8°17	2°17	21°10	14° 2	15°28	27° 1	11° 9	W29
T 30	8 34 19	9° 3'39	27°24	17°13	23° 7	22°51	18°42	16°39	8°16	2°19	21° 9	13°56	15°25	27° 7	11°15	T 30
F 31	8 38 15	10°34'41	11°12	16°12	24°22	22°31	18°Y51	16°47	8°15	2°21	21°H 8	13°H52	15°H22	27°Y14	11°32	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	23s 1	27n58	4n44	23s46	2s13	23s 8	0s49	22n55	3n44	4n50	1s18	17s24	0s40	2s37	0n45	22s 7
T 2	22 56	26 13	4 13	23 30	2 13	23 0	0 51	23 2	3 47	4 52	1 18	17 22	0 41	2 37	0 45	22 7
F 3	22 51	22 58	3 28	23 13	2 13	22 52	0 53	23 8	3 49	4 54	1 18	17 20	0 41	2 37	0 45	22 7
S 4	22 46	18 27	2 31	22 54	2 12	22 43	0 55	23 15	3 51	4 56	1 17	17 18	0 41	2 37	0 45	22 7
S 5	22 40	12 55	1 24	22 34	2 10	22 33	0 57	23 22	3 54	4 58	1 17	17 17	0 41	2 37	0 45	22 7
M 6	22 34	6 43	0 11	22 13	2 8	22 23	0 59	23 29	3 56	5 0	1 17	17 15	0 41	2 37	0 45	22 7
T 7	22 27	0 8	1s 3	21 51	2 6	22 11	1 1	23 36	3 58	5 3	1 16	17 13	0 41	2 38	0 45	22 7
W 8	22 19	6s29	2 14	21 27	2 2	22 0	1 2	23 42	4 0	5 5	1 16	17 11	0 41	2 38	0 45	22 7
T 9	22 12	12 49	3 17	21 2	1 58	21 47	1 4	23 49	4 1	5 7	1 16	17 9	0 41	2 38	0 45	22 7
F 10	22 4	18 32	4 8	20 36	1 54	21 34	1 6	23 56	4 3	5 10	1 16	17 7	0 41	2 38	0 45	22 7
S 11	21 55	23 14	4 44	20 9	1 48	21 20	1 8	24 3	4 5	5 13	1 15	17 5	0 41	2 38	0 45	22 7
S 12	21 46	26 32	5 3	19 41	1 42	21 6	1 9	24 9	4 6	5 15	1 15	17 4	0 41	2 38	0 45	22 7
M13	21 37	28 10	5 3	19 12	1 35	20 51	1 11	24 16	4 8	5 18	1 15	17 2	0 41	2 38	0 45	22 7
T 14	21 27	27 58	4 45	18 42	1 27	20 35	1 12	24 22	4 9	5 21	1 15	17 0	0 41	2 38	0 45	22 7
W15	21 16	26 2	4 11	18 12	1 18	20 19	1 14	24 28	4 10	5 24	1 14	16 58	0 41	2 38	0 45	22 7
T 16	21 6	22 39	3 23	17 42	1 8	20 2	1 15	24 34	4 12	5 26	1 14	16 56	0 41	2 38	0 45	22 7
F 17	20 55	18 10	2 25	17 12	0 58	19 45	1 17	24 40	4 13	5 29	1 14	16 54	0 41	2 38	0 45	22 7
S 18	20 43	12 58	1 21	16 42	0 46	19 27	1 18	24 46	4 14	5 32	1 14	16 52	0 41	2 37	0 45	22 7
S 19	20 31	7 21	0 14	16 13	0 33	19 8	1 19	24 51	4 14	5 35	1 13	16 50	0 41	2 37	0 45	22 7
M20	20 19	1 36	0n52	15 44	0 19	18 49	1 20	24 57	4 15	5 39	1 13	16 48	0 41	2 37	0 45	22 7
T 21	20 6	4n 7	1 54	15 17	0 4	18 29	1 21	25 2	4 16	5 42	1 13	16 46	0 41	2 37	0 45	22 7
W22	19 53	9 38	2 51	14 51	0n12	18 9	1 23	25 7	4 16	5 45	1 13	16 44	0 41	2 37	0 45	22 7
T 23	19 40	14 46	3 41	14 28	0 29	17 49	1 24	25 12	4 16	5 48	1 12	16 42	0 41	2 36	0 45	22 7
F 24	19 26	19 23	4 21	14 7	0 46	17 27	1 25	25 16	4 17	5 52	1 12	16 40	0 41	2 36	0 45	22 7
S 25	19 12	23 16	4 50	13 48	1 4	17 6	1 25	25 20	4 17	5 55	1 12	16 38	0 42	2 36	0 46	22 7
S 26	18 57	26 13	5 7	13 34	1 22	16 43	1 26	25 24	4 17	5 58	1 12	16 36	0 42	2 36	0 46	22 7
M27	18 42	27 58	5 10	13 22	1 41	16 21	1 27	25 28	4 17	6 2	1 11	16 34	0 42	2 35	0 46	22 7
T 28	18 27	28 19	4 57	13 15	1 59	15 58	1 28	25 32	4 17	6 5	1 11	16 31	0 42	2 35	0 46	22 6
W29	18 12	27 6	4 29	13 11	2 17	15 34	1 28	25 35	4 16	6 9	1 11	16 29	0 42	2 35	0 46	22 6
T 30	17 56	24 18	3 46	13 11	2 33	15 10	1 29	25 38	4 16	6 13	1 11	16 27	0 42	2 34	0 46	22 6
F 31	17s40	20n 5	2n49	13s15	2n48	14s46	1s30	25n41	4n16	6n16	1s10	16s25	0s42	2s34	0n46	22s 6

Julian Day Number = 2685299.5, Delta T = 22m53s

Ecliptic obliquity = 23°21'30, Nutation = 0°00'04

Ayanamsha: Fagan/Bradley = 33°41'33, Lahiri = 32°48'33

## ASTRODIENST EPHEMERIS for the year 2640

FEBRUARY 2640

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 42 12	11°54'1	25°06'6	15°R 3	25°37	22°R12	19°Y 0	16°54	8°R14	2°23	21°R 8	13°R49	15°R18	27°Y21	11°27	S 1
S 2	8 46 8	12° 6'42	9°15	13°49	26°52	21°54	19°10	17° 1	8°13	2°25	21°II 7	13°D47	15°15	27°27	11°33	S 2
M 3	8 50 5	13° 7'41	23°31	12°32	28° 7	21°36	19°19	17° 8	8°12	2°26	21° 6	13°K48	15°12	27°34	11°39	M 3
T 4	8 54 1	14° 8'41	7°49	11°15	29°23	21°19	19°29	17°15	8°11	2°28	21° 6	13°49	15° 9	27°41	11°45	T 4
W 5	8 57 58	15° 9'39	22° 7	10° 0	0°K38	21° 3	19°39	17°22	8°10	2°30	21° 5	13°50	15° 6	27°47	11°51	W 5
T 6	9 1 55	16°10'38	6°11	8°49	1°53	20°47	19°49	17°29	8° 9	2°32	21° 4	13°52	15° 3	27°54	11°57	T 6
F 7	9 5 51	17°11'36	20°29	7°44	3° 8	20°32	19°59	17°37	8° 7	2°34	21° 4	13°R52	14°59	28° 1	12° 3	F 7
S 8	9 9 48	18°12'33	4°30	6°45	4°23	20°18	20° 9	17°44	8° 6	2°35	21° 3	13°51	14°56	28° 7	12° 8	S 8
S 9	9 13 44	19°13'30	18°22	5°55	5°38	20° 4	20°19	17°51	8° 5	2°37	21° 3	13°49	14°53	28°14	12°14	S 9
M10	9 17 41	20°14'27	2°34	5°13	6°53	19°51	20°30	17°58	8° 3	2°39	21° 2	13°46	14°50	28°21	12°20	M10
T11	9 21 37	21°15'22	15°35	4°40	8° 8	19°40	20°40	18° 5	8° 2	2°40	21° 2	13°42	14°47	28°27	12°26	T11
W12	9 25 34	22°16'17	28°53	4°15	9°23	19°28	20°51	18°12	8° 0	2°42	21° 1	13°39	14°44	28°34	12°31	W12
T13	9 29 31	23°17'11	11°57	3°59	10°38	19°18	21° 2	18°19	7°59	2°44	21° 1	13°36	14°40	28°41	12°37	T13
F14	9 33 27	24°18'04	24°46	3°D52	11°53	19° 9	21°13	18°27	7°57	2°45	21° 0	13°34	14°37	28°47	12°42	F14
S15	9 37 24	25°18'56	7°K21	3°52	13° 8	19° 0	21°24	18°34	7°55	2°47	21° 0	13°33	14°34	28°54	12°48	S15
S16	9 41 20	26°19'47	19°43	3°59	14°23	18°52	21°35	18°41	7°54	2°48	20°59	13°D33	14°31	29° 1	12°53	S16
M17	9 45 17	27°20'36	1°Y52	4°14	15°38	18°45	21°46	18°48	7°52	2°50	20°59	13°33	14°28	29° 8	12°58	M17
T18	9 49 13	28°21'24	13°51	4°34	16°53	18°39	21°57	18°55	7°50	2°51	20°59	13°35	14°24	29°14	13° 4	T18
W19	9 53 10	29°22'11	25°43	5° 1	18° 8	18°33	22° 9	19° 2	7°48	2°53	20°58	13°36	14°21	29°21	13° 9	W19
T20	9 57 6	0°K22'56	7°K33	5°33	19°23	18°28	22°20	19° 9	7°46	2°54	20°58	13°38	14°18	29°28	13°14	T20
F21	10 1 3	1°23'40	19°24	6° 9	20°38	18°25	22°32	19°16	7°44	2°55	20°58	13°38	14°15	29°34	13°19	F21
S22	10 4 59	2°24'23	1°II22	6°50	21°52	18°21	22°43	19°23	7°42	2°57	20°57	13°R39	14°12	29°41	13°24	S22
S23	10 8 56	3°25'04	13°30	7°36	23° 7	18°19	22°55	19°30	7°41	2°58	20°57	13°38	14° 9	29°48	13°29	S23
M24	10 12 53	4°25'43	25°55	8°25	24°22	18°18	23° 7	19°37	7°38	3° 0	20°57	13°38	14° 5	29°54	13°34	M24
T25	10 16 49	5°26'21	8°39	9°17	25°37	18°D17	23°19	19°44	7°36	3° 1	20°57	13°37	14° 2	0° 1	13°39	T25
W26	10 20 46	6°26'57	21°46	10°13	26°51	18°17	23°31	19°51	7°34	3° 2	20°56	13°36	13°59	0° 8	13°44	W26
T27	10 24 42	7°27'31	5°K17	11°11	28° 6	18°18	23°43	19°58	7°32	3° 3	20°56	13°35	13°56	0°14	13°49	T27
F28	10 28 39	8°28'04	19°12	12°13	29°21	18°19	23°55	20° 5	7°30	3° 5	20°56	13°34	13°53	0°21	13°54	F28
S29	10 32 35	9°K28'36	3°II28	13°17	0°Y35	18°21	24°Y 8	20°12	7°28	3° 6	20°II56	13°K34	13°K50	0°28	13°58	S29

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	lat
S 1	17s23	14n41	1n40	13s22	3n 2	14s21	1s30	25n44	4n15	6n20	1s10	16s23	0s42	2s33	0n46	22s 6	1n14	12n28	10s37	6s21
S 2	17 6	8 28	0 25	13 33	3 13	13 56	1 30	25 46	4 14	6 24	1 10	16 21	0 42	2 33	0 46	22 6	1 14	12 28	10 37	6 21
M 3	16 49	1 45	0s53	13 45	3 22	13 30	1 31	25 48	4 14	6 28	1 10	16 19	0 42	2 32	0 46	22 6	1 14	12 29	10 36	6 21
T 4	16 32	5s 3	2 8	14 0	3 28	13 4	1 31	25 50	4 13	6 32	1 10	16 17	0 42	2 32	0 46	22 6	1 14	12 29	10 36	6 21
W 5	16 14	11 36	3 15	14 16	3 32	12 38	1 31	25 52	4 12	6 35	1 9	16 15	0 42	2 31	0 46	22 6	1 14	12 29	10 36	6 20
T 6	15 56	17 31	4 9	14 33	3 33	12 12	1 31	25 54	4 11	6 39	1 9	16 13	0 42	2 31	0 46	22 6	1 14	12 29	10 36	6 20
F 7	15 38	22 26	4 48	14 51	3 32	11 45	1 31	25 55	4 10	6 43	1 9	16 11	0 42	2 30	0 46	22 6	1 14	12 29	10 35	6 20
S 8	15 19	26 2	5 10	15 9	3 29	11 17	1 31	25 56	4 9	6 47	1 9	16 8	0 42	2 30	0 46	22 6	1 14	12 30	10 35	6 20
S 9	15 0 28	3 5	13 15	26 3	3 24	10 50	1 31	25 57	4 8	6 51	1 8	16 6	0 42	2 29	0 46	22 6	1 14	12 30	10 35	6 21
M10	14 41	28 19	4 58	15 42	3 18	10 22	1 31	25 58	4 7	6 55	1 8	16 4	0 43	2 29	0 46	22 6	1 14	12 30	10 35	6 22
T11	14 22	26 52	4 27	15 58	3 9	9 54	1 31	25 58	4 5	7 0	1 8	16 2	0 43	2 28	0 46	22 6	1 14	12 30	10 34	6 23
W12	14 2	23 56	3 42	16 12	3 0	9 25	1 31	25 59	4 4	7 4	1 8	16 0	0 43	2 27	0 46	22 6	1 14	12 30	10 34	6 25
T13	13 43	19 48	2 46	16 26	2 50	8 57	1 30	25 59	4 3	7 8	1 8	15 58	0 43	2 27	0 46	22 6	1 14	12 31	10 34	6 26
F14	13 23	14 49	1 42	16 38	2 40	8 28	1 30	25 59	4 1	7 12	1 7	15 56	0 43	2 26	0 46	22 6	1 14	12 31	10 34	6 27
S15	13 2 9	18 0	34 16	49 2	28 7	59 1	29 25	59 4	0 7	17 1	7 15	54 0	43 2	25 0	46 22	5 1	14 12	31 10	34 6	27 6
S16	12 42	3 32	0n34	16 59	2 17	7 30	1 29	25 58	3 58	7 21	1 7	15 51	0 43	2 25	0 46	22 5	1 14	12 31	10 33	6 27
M17	12 21	2n16	1 40	17 7	2 5	7 0	1 28	25 58	3 57	7 25	1 7	15 49	0 43	2 24	0 46	22 5	1 14	12 32	10 33	6 27
T18	12 0	7 54	2 40	17 13	1 53	6 30	1 28	25 57	3 55	7 30	1 7	15 47	0 43	2 23	0 46	22 5	1 14	12 32	10 33	6 26
W19	11 39	13 13	3 33	17 19	1 41	6 1	1 27	25 56	3 54	7 34	1 7	15 45	0 43	2 23	0 46	22 5	1 14	12 32	10 33	6 26
T20	11 18	18 1	4 16	17 23	1 29	5 31	1 26	25 55	3 52	7 38	1 6	15 43	0 43	2 22	0 46	22 5	1 14	12 32	10 32	6 25
F21	10 57	22 9	4 49	17 25	1 18	5 0	1 25	25 54	3 51	7 43	1 6	15 41	0 43	2 21	0 46	22 5	1 14	12 32	10 32	6 25
S22	10 35	25 25	5 10	17 26	1 6	4 30	1 24	25 53	3 49	7 47	1 6	15 39	0 43	2 20	0 46	22 5	1 14	12 33	10 32	6 25
S23	10 13	27 35	5 17	17 26	0 55	4 0	1 23	25 52	3 47	7 52	1 6	15 37	0 44	2 19	0 46	22 5	1 15	12 33	10 31	6 25
M24	9 51	28 27	5 10	17 24	0 43	3 29	1 22	25 50	3 45	7 56	1 6	15 34	0 44	2 19	0 46	22 5	1 15	12 33	10 31	6 25
T25	9 29	27 51	4 47	17 21	0 32	2 59	1 21	25 49	3 44	8 1	1 5	15 32	0 44	2 18	0 46	22 5	1 15	12 33	10 31	6 25
W26	9 7	25 43	4 10	17 16	0 22	2 28	1 20	25 47	3 42	8 5	1 5	15 30	0 44	2 17	0 46	22 5	1 15	12 34	10 31	6 26
T27	8 45	22 4	3 17	17 11	0 11	1 57	1 18	25 45	3 40	8 10	1 5	15 28	0 44	2 16	0 46	22 5	1 15	12 34	10 30	6 26
F28	8 22	17 6	2 11	17 3	0 1	1 26	1 17	25 43	3 39	8 15	1 5	15 26	0 44	2 15	0 47	22 5	1 15	12 34	10 30	6 26
S29	7s59	11n 4	0n56	16s55	0s 8	0s55	1s16	25n41	3n37	8n19	1s 5	15s24	0s44	2s14	0n47	22s 5	1n15	12n34	10s30	6s26

Julian Day Number = 2685330.5, Delta T = 22m53s  
 Ecliptic obliquity = 23°21'31, Nutation = 0°00'06  
 Ayanamsha: Fagan/Bradley = 33°41'38, Lahiri = 32°48'37

## ASTRODIENST EPHEMERIS for the year 2640

MARCH 2640

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 36 32	10 <sup>h</sup> 29'05"	18 <sup>m</sup> 2	14 <sup>s</sup> 23	1 <sup>h</sup> 50	18 <sup>m</sup> 24	24 <sup>m</sup> 20	20 <sup>s</sup> 19	7 <sup>h</sup> 26	3 <sup>h</sup> 7	20 <sup>m</sup> 56	13 <sup>m</sup> D34	13 <sup>m</sup> 46	0 <sup>h</sup> 34	14 <sup>m</sup> 3	S 1
M 2	10 40 28	11 <sup>h</sup> 29'34"	2 <sup>m</sup> 46	15 <sup>s</sup> 31	3 <sup>h</sup> 4	18 <sup>m</sup> 28	24 <sup>m</sup> 32	20 <sup>s</sup> 26	7 <sup>h</sup> 23	3 <sup>h</sup> 8	20 <sup>m</sup> 56	13 <sup>m</sup> 43	13 <sup>m</sup> 43	0 <sup>h</sup> 41	14 <sup>m</sup> 7	M 2
T 3	10 44 25	12 <sup>h</sup> 30'00"	17 <sup>m</sup> 33	16 <sup>s</sup> 41	4 <sup>h</sup> 19	18 <sup>m</sup> 32	24 <sup>m</sup> 45	20 <sup>s</sup> 32	7 <sup>h</sup> 21	3 <sup>h</sup> 9	20 <sup>m</sup> 56	13 <sup>m</sup> 34	13 <sup>m</sup> 40	0 <sup>h</sup> 48	14 <sup>m</sup> 12	T 3
W 4	10 48 22	13 <sup>h</sup> 30'26"	2 <sup>m</sup> 17	17 <sup>s</sup> 54	5 <sup>h</sup> 33	18 <sup>m</sup> 37	24 <sup>m</sup> 58	20 <sup>s</sup> 39	7 <sup>h</sup> 19	3 <sup>h</sup> 10	20 <sup>m</sup> 56	13 <sup>m</sup> R34	13 <sup>m</sup> 37	0 <sup>h</sup> 54	14 <sup>m</sup> 16	W 4
T 5	10 52 18	14 <sup>h</sup> 30'50"	16 <sup>m</sup> 51	19 <sup>s</sup> 8	6 <sup>h</sup> 48	18 <sup>m</sup> 43	25 <sup>m</sup> 10	20 <sup>s</sup> 46	7 <sup>h</sup> 17	3 <sup>h</sup> 11	20 <sup>m</sup> D56	13 <sup>m</sup> 34	13 <sup>m</sup> 34	1 <sup>h</sup> 1	14 <sup>m</sup> 20	T 5
F 6	10 56 15	15 <sup>h</sup> 31'13"	1 <sup>m</sup> 12	20 <sup>s</sup> 24	8 <sup>h</sup> 2	18 <sup>m</sup> 49	25 <sup>m</sup> 23	20 <sup>s</sup> 53	7 <sup>h</sup> 14	3 <sup>h</sup> 12	20 <sup>m</sup> 56	13 <sup>m</sup> 34	13 <sup>m</sup> 30	1 <sup>h</sup> 8	14 <sup>m</sup> 25	F 6
S 7	11 0 11	16 <sup>h</sup> 31'35"	15 <sup>m</sup> 15	21 <sup>s</sup> 41	9 <sup>h</sup> 16	18 <sup>m</sup> 56	25 <sup>m</sup> 36	20 <sup>s</sup> 59	7 <sup>h</sup> 12	3 <sup>h</sup> 13	20 <sup>m</sup> 56	13 <sup>m</sup> D34	13 <sup>m</sup> 27	1 <sup>h</sup> 15	14 <sup>m</sup> 29	S 7
S 8	11 4 8	17 <sup>h</sup> 31'55"	29 <sup>m</sup> 0	23 <sup>s</sup> 0	10 <sup>h</sup> 31	19 <sup>m</sup> 4	25 <sup>m</sup> 49	21 <sup>s</sup> 6	7 <sup>h</sup> 9	3 <sup>h</sup> 14	20 <sup>m</sup> 56	13 <sup>m</sup> 34	13 <sup>m</sup> 24	1 <sup>h</sup> 21	14 <sup>m</sup> 33	S 8
M 9	11 8 4	18 <sup>h</sup> 32'14"	12 <sup>m</sup> 28	24 <sup>s</sup> 20	11 <sup>h</sup> 45	19 <sup>m</sup> 12	26 <sup>m</sup> 2	21 <sup>s</sup> 13	7 <sup>h</sup> 7	3 <sup>h</sup> 15	20 <sup>m</sup> 56	13 <sup>m</sup> 35	13 <sup>m</sup> 21	1 <sup>h</sup> 28	14 <sup>m</sup> 37	M 9
T 10	11 12 1	19 <sup>h</sup> 32'32"	25 <sup>m</sup> 38	25 <sup>s</sup> 42	12 <sup>h</sup> 59	19 <sup>m</sup> 21	26 <sup>m</sup> 15	21 <sup>s</sup> 19	7 <sup>h</sup> 5	3 <sup>h</sup> 16	20 <sup>m</sup> 56	13 <sup>m</sup> 35	13 <sup>m</sup> 18	1 <sup>h</sup> 35	14 <sup>m</sup> 41	T 10
W 11	11 15 57	20 <sup>h</sup> 32'48"	8 <sup>m</sup> 33	27 <sup>s</sup> 5	14 <sup>h</sup> 13	19 <sup>m</sup> 30	26 <sup>m</sup> 28	21 <sup>s</sup> 26	7 <sup>h</sup> 2	3 <sup>h</sup> 17	20 <sup>m</sup> 56	13 <sup>m</sup> 36	13 <sup>m</sup> 15	1 <sup>h</sup> 41	14 <sup>m</sup> 45	W 11
T 12	11 19 54	21 <sup>h</sup> 33'03"	21 <sup>m</sup> 15	28 <sup>s</sup> 30	15 <sup>h</sup> 28	19 <sup>m</sup> 40	26 <sup>m</sup> 41	21 <sup>s</sup> 32	7 <sup>h</sup> 0	3 <sup>h</sup> 17	20 <sup>m</sup> 56	13 <sup>m</sup> 37	13 <sup>m</sup> 11	1 <sup>h</sup> 48	14 <sup>m</sup> 48	T 12
F 13	11 23 51	22 <sup>h</sup> 33'16"	3 <sup>m</sup> 44	29 <sup>s</sup> 55	16 <sup>h</sup> 42	19 <sup>m</sup> 51	26 <sup>m</sup> 54	21 <sup>s</sup> 39	6 <sup>h</sup> 57	3 <sup>h</sup> 18	20 <sup>m</sup> 56	13 <sup>m</sup> 37	13 <sup>m</sup> 8	1 <sup>h</sup> 55	14 <sup>m</sup> 52	F 13
S 14	11 27 47	23 <sup>h</sup> 33'27"	16 <sup>m</sup> 2	1 <sup>h</sup> 22	17 <sup>h</sup> 56	20 <sup>m</sup> 2	27 <sup>m</sup> 7	21 <sup>s</sup> 45	6 <sup>h</sup> 55	3 <sup>h</sup> 19	20 <sup>m</sup> 57	13 <sup>m</sup> R37	13 <sup>m</sup> 5	2 <sup>h</sup> 1	14 <sup>m</sup> 56	S 14
S 15	11 31 44	24 <sup>h</sup> 33'36"	28 <sup>m</sup> 11	2 <sup>s</sup> 50	19 <sup>h</sup> 10	20 <sup>m</sup> 13	27 <sup>m</sup> 21	21 <sup>s</sup> 52	6 <sup>h</sup> 52	3 <sup>h</sup> 20	20 <sup>m</sup> 57	13 <sup>m</sup> 37	13 <sup>m</sup> 2	2 <sup>h</sup> 8	14 <sup>m</sup> 59	S 15
M 16	11 35 40	25 <sup>h</sup> 33'44"	10 <sup>m</sup> 12	4 <sup>s</sup> 20	20 <sup>h</sup> 24	20 <sup>m</sup> 26	27 <sup>m</sup> 34	21 <sup>s</sup> 58	6 <sup>h</sup> 49	3 <sup>h</sup> 20	20 <sup>m</sup> 57	13 <sup>m</sup> 36	12 <sup>m</sup> 59	2 <sup>h</sup> 15	15 <sup>m</sup> 3	M 16
T 17	11 39 37	26 <sup>h</sup> 33'50"	22 <sup>m</sup> 7	5 <sup>s</sup> 50	21 <sup>h</sup> 38	20 <sup>m</sup> 38	27 <sup>m</sup> 47	22 <sup>s</sup> 5	6 <sup>h</sup> 47	3 <sup>h</sup> 21	20 <sup>m</sup> 57	13 <sup>m</sup> 34	12 <sup>m</sup> 55	2 <sup>h</sup> 21	15 <sup>m</sup> 6	T 17
W 18	11 43 33	27 <sup>h</sup> 33'54"	3 <sup>m</sup> 58	7 <sup>s</sup> 22	22 <sup>h</sup> 52	20 <sup>m</sup> 52	28 <sup>m</sup> 1	22 <sup>s</sup> 11	6 <sup>h</sup> 44	3 <sup>h</sup> 21	20 <sup>m</sup> 58	13 <sup>m</sup> 32	12 <sup>m</sup> 52	2 <sup>h</sup> 28	15 <sup>m</sup> 10	W 18
T 19	11 47 30	28 <sup>h</sup> 33'56"	15 <sup>m</sup> 48	8 <sup>s</sup> 55	24 <sup>h</sup> 6	21 <sup>m</sup> 5	28 <sup>m</sup> 14	22 <sup>s</sup> 17	6 <sup>h</sup> 42	3 <sup>h</sup> 22	20 <sup>m</sup> 58	13 <sup>m</sup> 30	12 <sup>m</sup> 49	2 <sup>h</sup> 35	15 <sup>m</sup> 13	T 19
F 20	11 51 26	29 <sup>h</sup> 33'56"	27 <sup>m</sup> 39	10 <sup>s</sup> 29	25 <sup>h</sup> 20	21 <sup>m</sup> 20	28 <sup>m</sup> 28	22 <sup>s</sup> 23	6 <sup>h</sup> 39	3 <sup>h</sup> 23	20 <sup>m</sup> 58	13 <sup>m</sup> 27	12 <sup>m</sup> 46	2 <sup>h</sup> 42	15 <sup>m</sup> 16	F 20
S 21	11 55 23	0 <sup>h</sup> 33'54"	9 <sup>m</sup> 36	12 <sup>s</sup> 4	26 <sup>h</sup> 34	21 <sup>m</sup> 34	28 <sup>m</sup> 42	22 <sup>s</sup> 29	6 <sup>h</sup> 37	3 <sup>h</sup> 23	20 <sup>m</sup> 58	13 <sup>m</sup> 25	12 <sup>m</sup> 43	2 <sup>h</sup> 48	15 <sup>m</sup> 19	S 21
S 22	11 59 20	1 <sup>h</sup> 33'49"	21 <sup>m</sup> 43	13 <sup>s</sup> 41	27 <sup>h</sup> 47	21 <sup>m</sup> 50	28 <sup>m</sup> 55	22 <sup>s</sup> 36	6 <sup>h</sup> 34	3 <sup>h</sup> 24	20 <sup>m</sup> 59	13 <sup>m</sup> 24	12 <sup>m</sup> 40	2 <sup>h</sup> 55	15 <sup>m</sup> 22	S 22
M 23	12 3 16	2 <sup>h</sup> 33'43"	4 <sup>m</sup> 3	15 <sup>s</sup> 18	29 <sup>h</sup> 1	22 <sup>m</sup> 5	29 <sup>m</sup> 9	22 <sup>s</sup> 42	6 <sup>h</sup> 31	3 <sup>h</sup> 24	20 <sup>m</sup> 59	13 <sup>m</sup> D24	12 <sup>m</sup> 36	3 <sup>h</sup> 2	15 <sup>m</sup> 25	M 23
T 24	12 7 13	3 <sup>h</sup> 33'35"	16 <sup>m</sup> 42	16 <sup>s</sup> 57	0 <sup>h</sup> 15	22 <sup>m</sup> 21	29 <sup>m</sup> 23	22 <sup>s</sup> 48	6 <sup>h</sup> 29	3 <sup>h</sup> 24	21 <sup>m</sup> 0	13 <sup>m</sup> 25	12 <sup>m</sup> 33	3 <sup>h</sup> 8	15 <sup>m</sup> 28	T 24
W 25	12 11 9	4 <sup>h</sup> 33'24"	29 <sup>m</sup> 43	18 <sup>s</sup> 37	1 <sup>h</sup> 28	22 <sup>m</sup> 38	29 <sup>m</sup> 37	22 <sup>s</sup> 54	6 <sup>h</sup> 26	3 <sup>h</sup> 25	21 <sup>m</sup> 0	13 <sup>m</sup> 26	12 <sup>m</sup> 30	3 <sup>h</sup> 15	15 <sup>m</sup> 31	W 25
T 26	12 15 6	5 <sup>h</sup> 33'11"	13 <sup>m</sup> 9	20 <sup>s</sup> 18	2 <sup>h</sup> 42	22 <sup>m</sup> 55	29 <sup>m</sup> 50	22 <sup>s</sup> 59	6 <sup>h</sup> 24	3 <sup>h</sup> 25	21 <sup>m</sup> 0	13 <sup>m</sup> 27	12 <sup>m</sup> 27	3 <sup>h</sup> 22	15 <sup>m</sup> 33	T 26
F 27	12 19 2	6 <sup>h</sup> 32'56"	27 <sup>m</sup> 2	22 <sup>s</sup> 0	3 <sup>h</sup> 55	23 <sup>m</sup> 12	0 <sup>h</sup> 4	23 <sup>s</sup> 5	6 <sup>h</sup> 21	3 <sup>h</sup> 25	21 <sup>m</sup> 1	13 <sup>m</sup> 29	12 <sup>m</sup> 24	3 <sup>h</sup> 28	15 <sup>m</sup> 36	F 27
S 28	12 22 59	7 <sup>h</sup> 32'39"	11 <sup>m</sup> 22	23 <sup>s</sup> 44	5 <sup>h</sup> 9	23 <sup>m</sup> 30	0 <sup>h</sup> 18	23 <sup>s</sup> 11	6 <sup>h</sup> 18	3 <sup>h</sup> 26	21 <sup>m</sup> 1	13 <sup>m</sup> R29	12 <sup>m</sup> 21	3 <sup>h</sup> 35	15 <sup>m</sup> 38	S 28
S 29	12 26 55	8 <sup>h</sup> 32'19"	26 <sup>m</sup> 6	25 <sup>s</sup> 29	6 <sup>h</sup> 22	23 <sup>m</sup> 48	0 <sup>h</sup> 32	23 <sup>s</sup> 17	6 <sup>h</sup> 16	3 <sup>h</sup> 26	21 <sup>m</sup> 2	13 <sup>m</sup> 29	12 <sup>m</sup> 17	3 <sup>h</sup> 42	15 <sup>m</sup> 41	S 29
M 30	12 30 52	9 <sup>h</sup> 31'58"	11 <sup>m</sup> 7	27 <sup>s</sup> 15	7 <sup>h</sup> 36	24 <sup>m</sup> 7	0 <sup>h</sup> 46	23 <sup>s</sup> 23	6 <sup>h</sup> 13	3 <sup>h</sup> 26	21 <sup>m</sup> 2	13 <sup>m</sup> 27	12 <sup>m</sup> 14	3 <sup>h</sup> 48	15 <sup>m</sup> 43	M 30
T 31	12 34 49	10 <sup>h</sup> 31'34"	26 <sup>m</sup> 16	29 <sup>s</sup> 2	8 <sup>h</sup> 49	24 <sup>m</sup> 26	1 <sup>h</sup> 0	23 <sup>s</sup> 28	6 <sup>h</sup> 10	3 <sup>h</sup> 26	21 <sup>m</sup> 3	13 <sup>m</sup> 24	12 <sup>m</sup> 11	3 <sup>h</sup> 55	15 <sup>m</sup> 45	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	7s37	4n20	0s25	16s45	0s18	0s24	1s14	25n39	3n35	8n24	1s5	15s22	0s44	2s13	0n47	22s5
M 2	7 14	2s42	1 45	16 33	0 27	0n 6	1 12	25 37	3 33	8 29	1 5	15 20	0 44	2 13	0 47	22 5
T 3	6 51	9 36	2 58	16 21	0 36	0 37	1 11	25 34	3 32	8 33	1 4	15 18	0 44	2 12	0 47	22 5
W 4	6 28	15 58	3 59	16 7	0 44	1 8	1 9	25 32	3 30	8 38	1 4	15 16	0 44	2 11	0 47	22 4
T 5	6 5	5 21	4 44	15 52	0 52	1 39	1 7	25 29	3 28	8 43	1 4	15 14	0 45	2 10	0 47	22 4
F 6	5 41	25 23	5 10	15 35	1 0	2 10	1 6	25 27	3 26	8 48	1 4	15 12	0 45	2 9	0 47	22 4
S 7	5 18	27 48	5 17	15 18	1 7	2 41	1 4	25 24	3 25	8 52	1 4	15 9	0 45	2 8	0 47	22 4
S 8	4 55	28 27	5 6	14 59	1 14	3 12	1 2	25 21	3 23	8 57	1 4	15 7	0 45	2 7	0 47	22 4
M 9	4 31	27 43	4 38	14 38	1 21	3 43	1 0	25 18	3 21	9 2	1 4	15 5	0 45	2 6	0 47	22 4
T 10	4 8	24 48	3 56	14 17	1 27	4 13	0 58	25 15	3 19	9 7	1 3	15 3	0 45	2 5	0 47	22 4
W 11	3 44	21 0	3 3	13 54	1 33	4 44	0 56	25 12	3 18	9 12	1 3	15 1	0 45	2 4	0 47	22 4
T 12	3 20	16 17	2 1	13 30	1 39	5 14	0 54	25 9	3 16	9 16	1 3	14 59	0 45	2 3	0 47	22 4
F 13	2 57	10 57	0 55	13 5	1 44	5 45	0 52	25 6	3 14	9 21	1 3	14 57	0 45	2 2	0 47	22 4
S 14	2 33	5 17	0n13	12 39	1 49	6 15	0 49	25 3	3 12	9 26	1 3	14 55	0 45	2 1	0 47	22 4
S 15	2 9	0n30	1 20	12 12	1 54	6 45	0 47	24 59	3 11	9 31	1 3	14 53	0 46	2 0	0 47	22 4
M 16	1 45	6 12	2 22	11 43	1 58	7 15	0 45	24 56	3 9	9 36	1 3	14 51	0 46	1 59	0 47	22 4
T 17	1 22	11 38	3 17	11 13	2 1	7 45	0 42	24 52	3 7	9 41	1 2	14 50	0 46	1 58	0 47	22 4
W 18	0 58	16 37	4 4	10 42	2 5	8 15	0 40	24 48	3 6	9 46	1 2	14 48	0 46	1 57	0 47	22 4
T 19	0 34	20 58	4 40	10 10	2 8	8 44	0 37	24 44	3 4	9 51	1 2	14 46	0 46	1 56	0 47	22 4
F 20	0 10	24 30	5 4	9 37	2 10	9 13	0 35	24 41	3 2	9 56	1 2	14 44	0 46	1 55	0 47	22 4
S 21	0n13	27 0	5 15	9 3	2 12	9 42	0 32	24 37	3 1	10 0	1 2	14 42	0 46	1 54	0 47	22 4
S 22	0 37	28 18	5 12	8 27	2 14	10 11	0 30	24 33	2 59	10 5	1 2	14 40	0 46	1 53	0 47	22 3
M 23	1 1	28 13	4 55	7 51	2 15	10 40	0 27	24 28	2 57	10 10	1 2	14 38	0 46	1 52	0 47	22 3
T 24	1 25	26 41	4 24	7 13	2 16	11 8	0 25	24 24	2 56	10 15	1 2	14 36	0 47	1 51	0 47	22 3
W 25	1 48	23 42	3 48	6 35	2 16	11 36	0 22	24 20	2 54	10 20	1 2	14 34	0 47	1 50	0 47	22 3
T 26	2 12	19 22	2 39	5 55	2 16	12 4	0 19	24 15	2 53	10 25	1 1	14 33	0 47	1 49	0 47	22 3
F 27	2 36	13 51	1 29	5 14	2 16	12 32	0 16	24 11	2 51	10 30	1 1	14 31	0 47	1 48	0 47	22 3

## ASTRODIENST EPHEMERIS for the year 2640

APRIL 2640

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 38 45	11°31'09	11°18'25	0°50'50	10°08'2	24°04'45	1°08'14	23°03'34	6°08'8	3°03'26	21°11'4	13°02'20	12°08'8	4°08'2	15°03'48	W 1
T 2	12 42 42	12°30'42	26°23	2°40	11°15	25°5	1°28	23°39	6°05	3°26	21°4	13°16	12°5	4°9	15°50	T 2
F 3	12 46 38	13°30'13	11°07'23	4°31	12°29	25°25	1°43	23°45	6°3	3°27	21°5	13°12	12°1	4°15	15°52	F 3
S 4	12 50 35	14°29'43	25°18	6°24	13°42	25°45	1°57	23°50	6°0	3°27	21°5	13°10	11°58	4°22	15°54	S 4
S 5	12 54 31	15°29'11	9°03'9	8°17	14°55	26°6	2°11	23°55	5°57	3°02'27	21°6	13°8	11°55	4°29	15°55	S 5
M 6	12 58 28	16°28'37	22°35	10°12	16°8	26°27	2°25	24°1	5°55	3°27	21°7	13°08	11°52	4°35	15°57	M 6
T 7	13 2 24	17°28'02	5°03'37	12°8	17°21	26°49	2°39	24°6	5°52	3°27	21°7	13°9	11°49	4°42	15°59	T 7
W 8	13 6 21	18°27'24	18°20	14°6	18°34	27°10	2°54	24°11	5°50	3°26	21°8	13°11	11°46	4°49	16°0	W 8
T 9	13 10 18	19°26'45	0°04'47	16°4	19°46	27°32	3°8	24°16	5°47	3°26	21°9	13°13	11°42	4°55	16°2	T 9
F 10	13 14 14	20°26'04	13°1	18°4	20°59	27°55	3°22	24°21	5°45	3°26	21°9	13°01'13	11°39	5°2	16°3	F 10
S 11	13 18 11	21°25'22	25°5	20°5	22°12	28°17	3°37	24°26	5°42	3°26	21°10	13°12	11°36	5°9	16°4	S 11
S 12	13 22 7	22°24'37	7°09'3	22°7	23°25	28°40	3°51	24°31	5°40	3°26	21°11	13°10	11°33	5°15	16°6	S 12
M13	13 26 4	23°23'50	18°57	24°10	24°37	29°3	4°5	24°36	5°37	3°25	21°12	13°5	11°30	5°22	16°7	M13
T 14	13 30 0	24°23'02	0°08'48	26°13	25°50	29°27	4°20	24°41	5°35	3°25	21°13	12°59	11°27	5°29	16°8	T 14
W15	13 33 57	25°22'11	12°38	28°17	27°2	29°51	4°34	24°45	5°32	3°25	21°13	12°51	11°23	5°36	16°9	W15
T 16	13 37 53	26°21'18	24°30	0°08'22	28°15	0°01'15	4°48	24°50	5°30	3°24	21°14	12°42	11°20	5°42	16°9	T 16
F 17	13 41 50	27°20'24	6°12'24	2°27	29°27	0°39	5°3	24°54	5°28	3°24	21°15	12°34	11°17	5°49	16°10	F 17
S 18	13 45 46	28°19'27	18°24	4°32	0°11'39	1°3	5°17	24°59	5°25	3°24	21°16	12°27	11°14	5°56	16°11	S 18
S 19	13 49 43	29°18'28	0°03'32	6°36	1°51	1°28	5°32	25°3	5°23	3°23	21°17	12°21	11°11	6°2	16°11	S 19
M20	13 53 40	0°08'17'27	12°51	8°40	3°4	1°53	5°46	25°7	5°21	3°23	21°18	12°17	11°7	6°9	16°12	M20
T 21	13 57 36	1°16'23	25°26	10°43	4°16	2°18	6°1	25°12	5°18	3°22	21°19	12°16	11°4	6°16	16°12	T 21
W22	14 1 33	2°15'17	8°02'21	12°45	5°28	2°44	6°15	25°16	5°16	3°22	21°20	12°01'16	11°1	6°22	16°12	W22
T 23	14 5 29	3°14'09	21°38	14°45	6°40	3°10	6°29	25°20	5°14	3°21	21°21	12°16	10°58	6°29	16°13	T 23
F 24	14 9 26	4°12'59	5°10'22	16°44	7°51	3°36	6°44	25°24	5°12	3°20	21°22	12°01'17	10°55	6°36	16°13	F 24
S 25	14 13 22	5°11'46	19°34	18°40	9°3	4°2	6°58	25°28	5°9	3°20	21°23	12°17	10°52	6°43	16°13	S 25
S 26	14 17 19	6°10'31	4°01'12	20°33	10°15	4°28	7°13	25°32	5°7	3°19	21°24	12°15	10°48	6°49	16°12	S 26
M27	14 21 15	7°9'15	19°13	22°24	11°26	4°55	7°27	25°35	5°5	3°18	21°25	12°11	10°45	6°56	16°12	M27
T 28	14 25 12	8°7'56	4°10'28	24°11	12°38	5°21	7°42	25°39	5°3	3°18	21°26	12°5	10°42	7°3	16°12	T 28
W29	14 29 9	9°6'35	19°47	25°55	13°49	5°48	7°56	25°43	5°1	3°17	21°27	11°57	10°39	7°9	16°12	W29
T 30	14 33 5	10°08'51'12	4°07'59	27°03'35	15°11	6°01'15	8°08'11	25°03'46	4°05'59	3°03'16	21°02'28	11°04'48	10°03'36	7°08'16	16°03'11	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	4n32	19s25	4s26	1s36	2s 6	14n45	0s 2	23n47	2n43	10n55	1s 1	14s22	0s47	1s43	0n47	22s 3
T 2	4 56	24 8	5 0	0 49	2 3	15 10	0n 1	23 42	2 42	11 0	1 1	14 20	0 48	1 42	0 47	22 3
F 3	5 19	27 11	5 13	0 2	1 59	15 35	0 4	23 37	2 41	11 5	1 1	14 19	0 48	1 41	0 47	22 3
S 4	5 42	28 22	5 6	0n47	1 54	16 0	0 7	23 32	2 39	11 10	1 1	14 17	0 48	1 40	0 47	22 3
S 5	6 5	27 43	4 41	1 36	1 50	16 25	0 10	23 26	2 38	11 15	1 1	14 15	0 48	1 39	0 47	22 3
M 6	6 27	25 27	4 2	2 26	1 44	16 49	0 13	23 21	2 36	11 19	1 0	14 14	0 48	1 38	0 47	22 3
T 7	6 50	21 53	3 11	3 16	1 38	17 12	0 16	23 15	2 35	11 24	1 0	14 12	0 48	1 37	0 47	22 3
W 8	7 13	17 22	2 12	4 8	1 32	17 35	0 19	23 10	2 33	11 29	1 0	14 11	0 48	1 36	0 47	22 3
T 9	7 35	12 13	1 7	5 0	1 25	17 58	0 22	23 4	2 32	11 34	1 0	14 9	0 49	1 35	0 47	22 3
F 10	7 57	6 40	0 1	5 52	1 18	18 20	0 25	22 58	2 31	11 39	1 0	14 8	0 49	1 34	0 47	22 3
S 11	8 20	0 58	1n 4	6 45	1 10	18 42	0 28	22 52	2 29	11 44	1 0	14 6	0 49	1 33	0 47	22 3
S 12	8 42	4n43	2 6	7 38	1 1	19 4	0 31	22 46	2 28	11 49	1 0	14 4	0 49	1 32	0 47	22 3
M13	9 4	10 12	3 2	8 32	0 52	19 25	0 34	22 40	2 26	11 54	1 0	14 3	0 49	1 31	0 47	22 3
T 14	9 25	15 17	3 49	9 25	0 43	19 45	0 37	22 34	2 25	11 59	1 0	14 2	0 49	1 30	0 47	22 3
W15	9 47	19 49	4 27	10 18	0 34	20 5	0 40	22 27	2 24	12 4	1 0	14 0	0 49	1 29	0 47	22 3
T 16	10 8	23 33	4 53	11 12	0 24	20 24	0 43	22 21	2 22	12 8	1 0	13 59	0 49	1 28	0 47	22 3
F 17	10 30	26 20	5 6	12 5	0 13	20 43	0 46	22 14	2 21	12 13	1 0	13 57	0 50	1 27	0 47	22 3
S 18	10 51	27 56	5 6	12 57	0 2	21 1	0 49	22 8	2 20	12 18	1 0	13 56	0 50	1 26	0 46	22 3
S 19	11 11	28 14	4 53	13 48	0n 8	21 19	0 52	22 1	2 19	12 23	1 0	13 55	0 50	1 25	0 46	22 3
M20	11 32	27 9	4 25	14 39	0 19	21 36	0 55	21 54	2 17	12 28	1 0	13 53	0 50	1 24	0 46	22 3
T 21	11 53	24 40	3 45	15 28	0 31	21 53	0 58	21 47	2 16	12 33	1 0	13 52	0 50	1 23	0 46	22 2
W22	12 13	20 53	2 52	16 17	0 42	22 9	1 1	21 40	2 15	12 37	0 59	13 51	0 50	1 23	0 46	22 2
T 23	12 33	15 58	1 49	17 3	0 53	22 24	1 4	21 33	2 13	12 42	0 59	13 50	0 50	1 22	0 46	22 2
F 24	12 53	10 5	0 37	17 48	1 4	22 39	1 7	21 26	2 12	12 47	0 59	13 48	0 51	1 21	0 46	22 2
S 25	13 13	3 31	0s39	18 31	1 14	22 53	1 10	21 18	2 11	12 52	0 59	13 47	0 51	1 20	0 46	22 2
S 26	13 32	3s25	1 55	19 11	1 25	23 6	1 13	21 11	2 10	12 56	0 59	13 46	0 51	1 19	0 46	22 2
M27	13 51	10 20	3 4	19 50	1 35	23 19	1 15	21 3	2 9	13 1	0 59	13 45	0 51	1 18	0 46	22 2
T 28	14 10	16 46	4 2	20 26	1 44	23 32	1 18	20 56	2 7	13 6	0 59	13 44	0 51	1 18	0 46	22 2
W29	14 29	22 9	4 42	21 0	1 53	23 43	1 21	20 48	2 6	13 10	0 59	13 43	0 51	1 17	0 46	22 2
T 30	14n48	26s 1	5s 3	21n32	2n 1	23n54	1n24	20n40	2n 5	13n15	0s59	13s42	0s52	1s16	0n46	22s 2

Julian Day Number = 2685390.5, Delta T = 22m54s

Ecliptic obliquity = 23°21'31", Nutation = 0°00'05

Ayanamsha: Fagan/Bradley = 33°41'46", Lahiri = 32°48'46

## ASTRODIENST EPHEMERIS for the year 2640

MAY 2640

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14 37 2	11♈ 3'48	19♌ 55	29♈ 11	16♈ 12	6♈ 43	8♈ 25	25♈ 49	4♈ 57	3♈ 15	21♈ 29	11♈ 40	10♈ 33	7♈ 23	16♈ 11	F 1
S 2	14 40 58	12° 2'22	4♈ 25	0♈ 43	17° 23	7° 10	8° 40	25° 53	4♈ 55	3♈ 15	21° 30	11° 33	10° 29	7° 29	16° 10	S 2
S 3	14 44 55	13° 0'54	18° 26	2° 10	18° 35	7° 38	8° 54	25° 56	4° 53	3° 14	21° 31	11° 28	10° 26	7° 36	16° 9	S 3
M 4	14 48 51	13° 59'25	1♈ 58	3° 33	19° 46	8° 6	9° 9	25° 59	4° 52	3° 13	21° 32	11° 26	10° 23	7° 43	16° 9	M 4
T 5	14 52 48	14° 57'54	15° 2	4° 52	20° 57	8° 34	9° 23	26° 2	4° 50	3° 12	21° 33	11° 25	10° 20	7° 50	16° 8	T 5
W 6	14 56 45	15° 56'22	27° 43	6° 6	22° 7	9° 2	9° 37	26° 5	4° 48	3° 11	21° 35	11° 25	10° 17	7° 56	16° 7	W 6
T 7	15 0 41	16° 54'48	10♈ 4	7° 15	23° 18	9° 30	9° 52	26° 8	4° 46	3° 10	21° 36	11° 26	10° 13	8° 3	16° 6	T 7
F 8	15 4 38	17° 53'12	22° 12	8° 19	24° 29	9° 59	10° 6	26° 11	4° 44	3° 9	21° 37	11° 25	10° 10	8° 10	16° 4	F 8
S 9	15 8 34	18° 51'35	4♈ 9	9° 18	25° 40	10° 28	10° 21	26° 14	4° 43	3° 8	21° 38	11° 23	10° 7	8° 16	16° 3	S 9
S 10	15 12 31	19° 49'56	16° 1	10° 12	26° 50	10° 57	10° 35	26° 16	4° 41	3° 7	21° 39	11° 18	10° 4	8° 23	16° 2	S 10
M 11	15 16 27	20° 48'16	27° 50	11° 0	28° 1	11° 26	10° 49	26° 19	4° 40	3° 6	21° 40	11° 10	10° 1	8° 30	16° 1	M 11
T 12	15 20 24	21° 46'34	9♈ 40	11° 44	29° 11	11° 55	11° 4	26° 21	4° 38	3° 5	21° 42	11° 0	9° 58	8° 36	15° 59	T 12
W 13	15 24 20	22° 44'50	21° 32	12° 22	0♈ 21	12° 24	11° 18	26° 24	4° 37	3° 4	21° 43	10° 47	9° 54	8° 43	15° 57	W 13
T 14	15 28 17	23° 43'05	3♈ 28	12° 55	1° 31	12° 54	11° 32	26° 26	4° 35	3° 2	21° 44	10° 34	9° 51	8° 50	15° 56	T 14
F 15	15 32 14	24° 41'17	15° 29	13° 23	2° 42	13° 23	11° 46	26° 28	4° 34	3° 1	21° 45	10° 21	9° 48	8° 57	15° 54	F 15
S 16	15 36 10	25° 39'29	27° 36	13° 46	3° 52	13° 53	12° 1	26° 30	4° 32	3° 0	21° 47	10° 9	9° 45	9° 3	15° 52	S 16
S 17	15 40 7	26° 37'38	9♈ 51	14° 3	5° 1	14° 23	12° 15	26° 32	4° 31	2° 59	21° 48	9° 59	9° 42	9° 10	15° 50	S 17
M 18	15 44 3	27° 35'46	22° 17	14° 15	6° 11	14° 53	12° 29	26° 34	4° 30	2° 58	21° 49	9° 52	9° 39	9° 17	15° 48	M 18
T 19	15 48 0	28° 33'51	4♈ 55	14° 21	7° 21	15° 23	12° 43	26° 36	4° 29	2° 56	21° 50	9° 48	9° 35	9° 23	15° 46	T 19
W 20	15 51 56	29° 31'55	17° 49	14° 23	8° 30	15° 53	12° 57	26° 37	4° 28	2° 55	21° 52	9° 46	9° 32	9° 30	15° 44	W 20
T 21	15 55 53	0♈ 29'57	1♈ 2	14° 19	9° 40	16° 24	13° 12	26° 39	4° 26	2° 54	21° 53	9° 45	9° 29	9° 37	15° 42	T 21
F 22	15 59 49	1° 27'57	14° 38	14° 11	10° 49	16° 54	13° 26	26° 40	4° 25	2° 53	21° 54	9° 45	9° 26	9° 43	15° 40	F 22
S 23	16 3 46	2° 25'55	28° 37	13° 58	11° 58	17° 25	13° 40	26° 42	4° 24	2° 51	21° 56	9° 44	9° 23	9° 50	15° 38	S 23
S 24	16 7 43	3° 23'51	13♈ 2	13° 41	13° 7	17° 56	13° 54	26° 43	4° 23	2° 50	21° 57	9° 42	9° 19	9° 57	15° 35	S 24
M 25	16 11 39	4° 21'46	27° 49	13° 21	14° 16	18° 27	14° 8	26° 44	4° 22	2° 49	21° 58	9° 36	9° 16	10° 4	15° 33	M 25
T 26	16 15 36	5° 19'38	12♈ 53	12° 56	15° 25	18° 58	14° 22	26° 45	4° 22	2° 47	21° 59	9° 28	9° 13	10° 10	15° 30	T 26
W 27	16 19 32	6° 17'30	28° 6	12° 29	16° 34	19° 29	14° 36	26° 47	4° 21	2° 46	22° 1	9° 18	9° 10	10° 17	15° 28	W 27
T 28	16 23 29	7° 15'20	13♈ 16	11° 58	17° 42	20° 0	14° 49	26° 47	4° 20	2° 44	22° 2	9° 7	9° 7	10° 24	15° 25	T 28
F 29	16 27 25	8° 13'08	28° 13	11° 26	18° 51	20° 32	15° 3	26° 48	4° 19	2° 43	22° 3	8° 57	9° 4	10° 30	15° 22	F 29
S 30	16 31 22	9° 10'56	12♈ 48	10° 53	19° 59	21° 3	15° 17	26° 49	4° 19	2° 41	22° 5	8° 47	9° 0	10° 37	15° 19	S 30
S 31	16 35 18	10♈ 8'42	26♈ 56	10♈ 19	21♈ 7	21♈ 35	15♈ 31	26♈ 50	4♈ 18	2♈ 40	22♈ 6	8♈ 41	8♈ 57	10♈ 44	15♈ 16	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	15n 6	27s59	5s 2	22n 0	2n 9	24n 5	1n27	20n32	2n 4	13n20	0s59	13s41	0s52	1s15	0n46	22s 2
S 2	15 24	27 58	4 41	22 27	2 16	24 15	1 29	20 24	2 3	13 24	0 59	13 40	0 52	1 15	0 46	22 2
S 3	15 42	26 7	4 4	22 51	2 22	24 24	1 32	20 15	2 2	13 29	0 59	13 39	0 52	1 14	0 46	22 2
M 4	15 59	22 49	3 14	23 12	2 27	24 32	1 34	20 7	2 0	13 34	0 59	13 38	0 52	1 13	0 46	22 2
T 5	16 16	18 26	2 16	23 31	2 32	24 40	1 37	19 59	1 59	13 38	0 59	13 37	0 52	1 12	0 46	22 2
W 6	16 33	13 22	1 13	23 48	2 35	24 47	1 39	19 50	1 58	13 43	0 59	13 36	0 52	1 12	0 46	22 2
T 7	16 50	7 53	0 7	24 2	2 38	24 53	1 42	19 42	1 57	13 47	0 59	13 35	0 53	1 11	0 46	22 2
F 8	17 6	2 13	0n57	24 14	2 39	24 59	1 44	19 33	1 56	13 52	0 59	13 35	0 53	1 10	0 46	22 2
S 9	17 22	3n27	1 58	24 24	2 40	25 4	1 47	19 24	1 55	13 56	0 59	13 34	0 53	1 10	0 46	22 2
S 10	17 38	8 56	2 53	24 32	2 39	25 8	1 49	19 15	1 54	14 1	0 59	13 33	0 53	1 9	0 46	22 2
M 11	17 54	14 6	3 40	24 37	2 38	25 12	1 51	19 6	1 53	14 5	0 59	13 32	0 53	1 9	0 46	22 2
T 12	18 9	18 44	4 18	24 40	2 35	25 15	1 53	18 57	1 52	14 10	0 59	13 32	0 53	1 8	0 46	22 2
W 13	18 24	22 39	4 44	24 42	2 31	25 17	1 55	18 48	1 51	14 14	0 59	13 31	0 54	1 8	0 46	22 2
T 14	18 38	25 39	4 58	24 41	2 26	25 18	1 57	18 38	1 50	14 19	0 59	13 30	0 54	1 7	0 46	22 2
F 15	18 53	27 32	4 59	24 38	2 20	25 19	1 59	18 29	1 48	14 23	0 59	13 30	0 54	1 6	0 46	22 2
S 16	19 7	28 7	4 47	24 34	2 12	25 19	2 1	18 19	1 47	14 27	0 59	13 29	0 54	1 6	0 46	22 2
S 17	19 20	27 20	4 21	24 28	2 4	25 19	2 3	18 9	1 46	14 32	0 59	13 29	0 54	1 6	0 46	22 2
M 18	19 33	25 11	3 43	24 19	1 54	25 18	2 5	18 0	1 45	14 36	0 59	13 28	0 54	1 5	0 46	22 2
T 19	19 46	21 46	2 53	24 10	1 44	25 16	2 7	17 50	1 44	14 40	0 59	13 28	0 55	1 5	0 46	22 2
W 20	19 59	17 14	1 53	23 58	1 32	25 13	2 8	17 40	1 43	14 44	0 59	13 27	0 55	1 4	0 46	22 2
T 21	20 11	11 47	0 46	23 45	1 19	25 10	2 10	17 30	1 42	14 49	0 59	13 27	0 55	1 4	0 45	22 2
F 22	20 23	5 38	0s26	23 30	1 5	25 6	2 11	17 20	1 41	14 53	0 59	13 27	0 55	1 3	0 45	22 2
S 23	20 35	0s57	1 38	23 14	0 50	25 1	2 13	17 9	1 40	14 57	0 59	13 26	0 55	1 3	0 45	22 2
S 24	20 46	7 41	2 46	22 57	0 35	24 56	2 14	16 59	1 39	15 1	0 59	13 26	0 55	1 3	0 45	22 2
M 25	20 57	14 10	3 45	22 38	0 19	24 50	2 15	16 48	1 38	15 5	0 59	13 26	0 56	1 2	0 45	22 2
T 26	21 7	19 55	4 29	22 18	0 2	24 43	2 16	16 38	1 37	15 9	0 59	13 26	0 56	1 2	0 45	22 2
W 27	21 17	24 27	4 55	21 58	0s15	24 36	2 17	16 27	1 36	15 13	0 59	13 25	0 56	1 2	0 45	22 2
T 28	21 27	27 16	4 59	21 36	0 33	24 28	2 18	16 16	1 36	15 17	0 59	13 25	0 56	1 2	0 45	22 2
F 29	21 36	28 4	4 44	21 14	0 51	24 20	2 19	16 6	1 35	15 21	0 59	13 25	0 56	1 1	0 45	22 2
S 30	21 45	26 53	4 10	20 52	1 8	24 11	2 20	15 55	1 34	15 25	0 59	13 25	0 56	1 1	0 45	22 3
S 31	21n54	23s59	3s21	20n30	1s26	24n 1	2n20	15n44	1n33	15n29	0s59	13s25	0s57	1s 1	0n45	22s 3

Julian Day Number = 2685420.5, Delta T = 22m55s

Ecliptic obliquity = 23°21'31", Nutation = 0°00'04"

Ayanamsha: Fagan/Bradley = 33°41'50", Lahiri = 32°48'50"

## ASTRODIENST EPHEMERIS for the year 2640

JUNE 2640

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 39 15	11 <sup>II</sup> 6'27	10 <sup>III</sup> 34	9°R44	22 <sup>II</sup> 15	22 <sup>II</sup> 7	15 <sup>II</sup> 45	26 <sup>III</sup> 50	4°R17	2°R39	22 <sup>II</sup> 8	8°R36	8 <sup>II</sup> 54	10 <sup>II</sup> 51	15°R14	M 1
T 2	16 43 12	12° 4'11	23°44	9 <sup>II</sup> 10	23°23	22°38	15°58	26°51	4 <sup>II</sup> 17	2 <sup>II</sup> 37	22° 9	8 <sup>II</sup> 34	8°51	10°57	15 <sup>II</sup> 11	T 2
W 3	16 47 8	13° 1'53	6 <sup>II</sup> 27	8°36	24°31	23°10	16°12	26°51	4°16	2°36	22°10	8°34	8°48	11° 4	15° 8	W 3
T 4	16 51 5	13°59'35	18°50	8° 5	25°38	23°42	16°25	26°51	4°16	2°34	22°12	8°34	8°45	11°11	15° 4	T 4
F 5	16 55 1	14°57'16	0 <sup>II</sup> 58	7°35	26°46	24°14	16°39	26°51	4°16	2°33	22°13	8°33	8°41	11°17	15° 1	F 5
S 6	16 58 58	15°54'55	12°54	7° 8	27°53	24°47	16°53	26°R51	4°15	2°31	22°14	8°31	8°38	11°24	14°58	S 6
S 7	17 2 54	16°52'34	24°45	6°44	29° 0	25°19	17° 6	26°51	4°15	2°29	22°16	8°26	8°35	11°31	14°55	S 7
M 8	17 6 51	17°50'12	6 <sup>II</sup> 34	6°23	0 <sup>II</sup> 7	25°51	17°19	26°51	4°15	2°28	22°17	8°18	8°32	11°37	14°51	M 8
T 9	17 10 47	18°47'49	18°25	6° 5	1°14	26°24	17°33	26°51	4°15	2°26	22°18	8° 8	8°29	11°44	14°48	T 9
W10	17 14 44	19°45'25	0 <sup>II</sup> 21	5°52	2°21	26°56	17°46	26°50	4°15	2°25	22°20	7°56	8°25	11°51	14°45	W10
T 11	17 18 41	20°43'00	12°24	5°43	3°27	27°29	17°59	26°50	4°D15	2°23	22°21	7°42	8°22	11°58	14°41	T 11
F 12	17 22 37	21°40'34	24°34	5°38	4°33	28° 2	18°13	26°49	4°15	2°22	22°23	7°29	8°19	12° 4	14°38	F 12
S 13	17 26 34	22°38'07	6 <sup>II</sup> 53	5°D37	5°39	28°35	18°26	26°49	4°15	2°20	22°24	7°17	8°16	12°11	14°34	S 13
S 14	17 30 30	23°35'39	19°22	5°41	6°45	29° 8	18°39	26°48	4°15	2°18	22°25	7° 7	8°13	12°18	14°31	S 14
M15	17 34 27	24°33'10	2 <sup>II</sup> 0	5°50	7°51	29°41	18°52	26°47	4°15	2°17	22°27	7° 0	8°10	12°24	14°27	M15
T 16	17 38 23	25°30'40	14°50	6° 2	8°57	0 <sup>II</sup> 14	19° 5	26°46	4°15	2°15	22°28	6°56	8° 6	12°31	14°23	T 16
W17	17 42 20	26°28'08	27°54	6°20	10° 2	0°47	19°18	26°45	4°16	2°14	22°30	6°54	8° 3	12°38	14°20	W17
T 18	17 46 17	27°25'35	11 <sup>II</sup> 12	6°41	11° 7	1°21	19°30	26°44	4°16	2°12	22°31	6°D54	8° 0	12°45	14°16	T 18
F 19	17 50 13	28°23'01	24°47	7° 8	12°12	1°54	19°43	26°43	4°16	2°10	22°32	6°R54	7°57	12°51	14°12	F 19
S 20	17 54 10	29°20'26	8 <sup>II</sup> 40	7°38	13°17	2°27	19°56	26°42	4°17	2° 9	22°34	6°54	7°54	12°58	14° 9	S 20
S 21	17 58 6	0 <sup>II</sup> 17'50	22°52	8°13	14°21	3° 1	20° 9	26°40	4°17	2° 7	22°35	6°52	7°50	13° 5	14° 5	S 21
M22	18 2 3	1°15'13	7 <sup>II</sup> 23	8°51	15°25	3°35	20°21	26°39	4°18	2° 6	22°36	6°48	7°47	13°11	14° 1	M22
T 23	18 5 59	2°12'35	22° 7	9°34	16°29	4° 8	20°34	26°37	4°19	2° 4	22°38	6°41	7°44	13°18	13°57	T 23
W24	18 9 56	3° 9'56	6 <sup>II</sup> 59	10°21	17°33	4°42	20°46	26°35	4°19	2° 2	22°39	6°33	7°41	13°25	13°53	W24
T 25	18 13 52	4° 7'16	21°50	11°12	18°36	5°16	20°58	26°34	4°20	2° 1	22°40	6°24	7°38	13°32	13°49	T 25
F 26	18 17 49	5° 4'36	6 <sup>II</sup> 33	12° 7	19°40	5°50	21°11	26°32	4°21	1°59	22°42	6°15	7°35	13°38	13°45	F 26
S 27	18 21 46	6° 1'55	20°59	13° 5	20°42	6°24	21°23	26°30	4°22	1°57	22°43	6° 7	7°31	13°45	13°41	S 27
S 28	18 25 42	6°59'13	5 <sup>II</sup> 3	14° 7	21°45	6°58	21°35	26°28	4°22	1°56	22°45	6° 1	7°28	13°52	13°38	S 28
M29	18 29 39	7°56'31	18°40	15°13	22°47	7°32	21°47	26°26	4°23	1°54	22°46	5°58	7°25	13°58	13°34	M29
T 30	18 33 35	8°53'48	1 <sup>II</sup> 51	16°II22	23°II50	8 <sup>II</sup> 7	21°II59	26°II24	4 <sup>II</sup> 24	1°II53	22°II47	5°D56	7°II22	14°II5	13°II30	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	22n 2	19s48	2s22	20n 8	1s43	23n51	2n21	15n32	1n32	15n33	0s59	13s25	0s57	1s 1	0n45	22s 3
T 2	22 10	14 47	1 18	19 47	2 0	23 40	2 21	15 21	1 31	15 37	0 59	13 25	0 57	1 0	0 45	22 3
W 3	22 17	9 17	0 11	19 26	2 16	23 28	2 22	15 10	1 30	15 41	0 59	13 25	0 57	1 0	0 45	22 3
T 4	22 24	3 34	0n54	19 6	2 31	23 16	2 22	14 58	1 29	15 45	0 59	13 25	0 57	1 0	0 45	22 3
F 5	22 31	2n 9	1 55	18 47	2 45	23 3	2 22	14 47	1 28	15 49	0 59	13 25	0 57	1 0	0 45	22 3
S 6	22 37	7 42	2 51	18 30	2 58	22 50	2 22	14 35	1 27	15 53	0 59	13 25	0 58	1 0	0 45	22 3
S 7	22 43	12 56	3 38	18 14	3 11	22 36	2 22	14 24	1 26	15 56	0 59	13 26	0 58	1 0	0 45	22 3
M 8	22 48	17 41	4 16	17 59	3 22	22 22	2 22	14 12	1 25	16 0	0 59	13 26	0 58	1 0	0 45	22 3
T 9	22 53	21 47	4 43	17 46	3 32	22 7	2 21	14 0	1 24	16 4	0 59	13 26	0 58	1 0	0 45	22 3
W10	22 58	25 0	4 58	17 36	3 40	21 52	2 21	13 48	1 24	16 7	0 59	13 26	0 58	1 0	0 45	22 3
T 11	23 2	27 9	4 59	17 27	3 48	21 36	2 21	13 36	1 23	16 11	0 59	13 27	0 58	1 0	0 45	22 3
F 12	23 6	28 2	4 47	17 20	3 54	21 19	2 20	13 24	1 22	16 15	0 59	13 27	0 59	1 0	0 45	22 3
S 13	23 9	27 32	4 22	17 15	3 59	21 2	2 19	13 12	1 21	16 18	0 59	13 27	0 59	1 0	0 44	22 3
S 14	23 12	25 39	3 43	17 11	4 3	20 45	2 18	12 59	1 20	16 22	0 59	13 28	0 59	1 0	0 44	22 3
M15	23 15	22 28	2 54	17 10	4 6	20 27	2 17	12 47	1 19	16 25	0 59	13 28	0 59	1 0	0 44	22 3
T 16	23 17	18 9	1 54	17 11	4 7	20 9	2 16	12 35	1 18	16 29	1 0	13 29	0 59	1 0	0 44	22 3
W17	23 19	12 55	0 48	17 13	4 8	19 50	2 15	12 22	1 18	16 32	1 0	13 29	0 59	1 1	0 44	22 3
T 18	23 20	7 0	0s23	17 17	4 7	19 31	2 13	12 9	1 17	16 36	1 0	13 30	1 0	1 1	0 44	22 3
F 19	23 21	0 38	1 34	17 23	4 6	19 11	2 12	11 57	1 16	16 39	1 0	13 30	1 0	1 1	0 44	22 3
S 20	23 21	5s53	2 40	17 30	4 3	18 51	2 10	11 44	1 15	16 42	1 0	13 31	1 0	1 1	0 44	22 3
S 21	23 21	12 15	3 39	17 39	4 0	18 31	2 8	11 31	1 14	16 46	1 0	13 32	1 0	1 1	0 44	22 3
M22	23 21	18 6	4 25	17 49	3 56	18 10	2 7	11 18	1 13	16 49	1 0	13 32	1 0	1 2	0 44	22 3
T 23	23 20	22 58	4 54	18 0	3 51	17 49	2 5	11 5	1 12	16 52	1 0	13 33	1 0	1 2	0 44	22 3
W24	23 19	26 23	5 3	18 13	3 45	17 28	2 2	10 52	1 12	16 55	1 0	13 34	1 1	1 2	0 44	22 3
T 25	23 18	27 58	4 52	18 26	3 38	17 6	2 0	10 39	1 11	16 58	1 0	13 34	1 1	1 3	0 44	22 3
F 26	23 16	27 34	4 22	18 41	3 31	16 44	1 58	10 26	1 10	17 2	1 0	13 35	1 1	1 3	0 44	22 3
S 27	23 13	25 17	3 36	18 56	3 23	16 22	1 55	10 12	1 9	17 5	1 0	13 36	1 1	1 3	0 44	22 3
S 28	23 10	21 29	2 37	19 11	3 15	15 59	1 52	9 59	1 8	17 8	1 0	13 37	1 1	1 4	0 44	22 3
M29	23 7	16 37	1 31	19 28	3 6	15 36	1 49	9 46	1 8	17 11	1 0	13 38	1 1	1 4	0 44	22 3
T 30	23n 4	11s 7	0s22	19n44	2s56	15n12	1n46	9n32	1n 7	17n14	1s 0	13s39	1s 2	1s 5	0n44	22s 3

Julian Day Number = 2685451.5, Delta T = 22m55s

Ecliptic obliquity = 23°21'30, Nutation = 0°00'06

Ayanamsha: Fagan/Bradley = 33°41'54, Lahiri = 32°48'54

## ASTRODIENST EPHEMERIS for the year 2640

JULY 2640

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	18 37 32	9 <sup>55</sup> 51'05	14 <sup>38</sup> 38	17 <sup>35</sup> 35	24 <sup>51</sup> 51	8 <sup>41</sup> 41	22 <sup>28</sup> 11	26 <sup>21</sup> R21	4 <sup>25</sup> 25	1 <sup>51</sup> R51	22 <sup>49</sup> 49	5 <sup>56</sup> 56	7 <sup>19</sup> 19	14 <sup>12</sup> 12	13 <sup>26</sup> R26	W 1
T 2	18 41 28	10 <sup>48</sup> 22	27 <sup>0</sup> 4	18 <sup>52</sup> 52	25 <sup>53</sup> 53	9 <sup>15</sup> 15	22 <sup>23</sup> 23	26 <sup>19</sup> 19	4 <sup>26</sup> 26	1 <sup>49</sup> 49	22 <sup>50</sup> 50	5 <sup>57</sup> 57	7 <sup>16</sup> 16	14 <sup>19</sup> 19	13 <sup>22</sup> 22	T 2
F 3	18 45 25	11 <sup>45</sup> 39	9 <sup>14</sup> 14	20 <sup>11</sup> 11	26 <sup>54</sup> 54	9 <sup>50</sup> 50	22 <sup>34</sup> 34	26 <sup>16</sup> 16	4 <sup>28</sup> 28	1 <sup>48</sup> 48	22 <sup>51</sup> 51	5 <sup>58</sup> R58	7 <sup>12</sup> 12	14 <sup>25</sup> 25	13 <sup>18</sup> 18	F 3
S 4	18 49 21	12 <sup>42</sup> 55	21 <sup>13</sup> 13	21 <sup>35</sup> 35	27 <sup>55</sup> 55	10 <sup>24</sup> 24	22 <sup>46</sup> 46	26 <sup>14</sup> 14	4 <sup>29</sup> 29	1 <sup>46</sup> 46	22 <sup>52</sup> 52	5 <sup>58</sup> 58	7 <sup>0</sup> 9	14 <sup>32</sup> 32	13 <sup>14</sup> 14	S 4
S 5	18 53 18	13 <sup>40</sup> 12	3 <sup>5</sup> 5	23 <sup>0</sup> 1	28 <sup>55</sup> 55	10 <sup>59</sup> 59	22 <sup>58</sup> 58	26 <sup>11</sup> 11	4 <sup>30</sup> 30	1 <sup>45</sup> 45	22 <sup>54</sup> 54	5 <sup>56</sup> 56	7 <sup>0</sup> 6	14 <sup>39</sup> 39	13 <sup>10</sup> 10	S 5
M 6	18 57 15	14 <sup>37</sup> 28	14 <sup>56</sup> 56	24 <sup>31</sup> 31	29 <sup>55</sup> 55	11 <sup>34</sup> 34	23 <sup>0</sup> 9	26 <sup>0</sup> 9	4 <sup>31</sup> 31	1 <sup>43</sup> 43	22 <sup>55</sup> 55	5 <sup>51</sup> 51	7 <sup>0</sup> 3	14 <sup>45</sup> 45	13 <sup>0</sup> 6	M 6
T 7	19 1 11	15 <sup>34</sup> 45	26 <sup>51</sup> 51	26 <sup>0</sup> 5	0 <sup>55</sup> 55	12 <sup>0</sup> 8	23 <sup>21</sup> 21	26 <sup>0</sup> 6	4 <sup>33</sup> 33	1 <sup>42</sup> 42	22 <sup>56</sup> 56	5 <sup>45</sup> 45	7 <sup>0</sup> 0	14 <sup>52</sup> 52	13 <sup>0</sup> 2	T 7
W 8	19 5 8	16 <sup>32</sup> 01	8 <sup>51</sup> 51	27 <sup>41</sup> 41	1 <sup>55</sup> 55	12 <sup>43</sup> 43	23 <sup>32</sup> 32	26 <sup>0</sup> 3	4 <sup>34</sup> 34	1 <sup>40</sup> 40	22 <sup>58</sup> 58	5 <sup>38</sup> 38	6 <sup>57</sup> 57	14 <sup>59</sup> 59	12 <sup>58</sup> 58	W 8
T 9	19 9 4	17 <sup>29</sup> 17	21 <sup>0</sup> 1	29 <sup>21</sup> 21	2 <sup>54</sup> 54	13 <sup>18</sup> 18	23 <sup>43</sup> 43	26 <sup>0</sup> 0	4 <sup>35</sup> 35	1 <sup>38</sup> 38	22 <sup>59</sup> 59	5 <sup>29</sup> 29	6 <sup>53</sup> 53	15 <sup>0</sup> 6	12 <sup>54</sup> 54	T 9
F 10	19 13 1	18 <sup>26</sup> 34	3 <sup>22</sup> 22	1 <sup>5</sup> 4	3 <sup>53</sup> 53	13 <sup>53</sup> 53	23 <sup>54</sup> 54	25 <sup>57</sup> 57	4 <sup>37</sup> 37	1 <sup>37</sup> 37	23 <sup>0</sup> 0	5 <sup>20</sup> 20	6 <sup>50</sup> 50	15 <sup>12</sup> 12	12 <sup>50</sup> 50	F 10
S 11	19 16 57	19 <sup>23</sup> 50	15 <sup>54</sup> 54	2 <sup>50</sup> 50	4 <sup>51</sup> 51	14 <sup>28</sup> 28	24 <sup>0</sup> 5	25 <sup>54</sup> 54	4 <sup>38</sup> 38	1 <sup>35</sup> 35	23 <sup>0</sup> 1	5 <sup>13</sup> 13	6 <sup>47</sup> 47	15 <sup>19</sup> 19	12 <sup>46</sup> 46	S 11
S 12	19 20 54	20 <sup>21</sup> 05	28 <sup>40</sup> 40	4 <sup>39</sup> 39	5 <sup>49</sup> 49	15 <sup>0</sup> 3	24 <sup>16</sup> 16	25 <sup>51</sup> 51	4 <sup>40</sup> 40	1 <sup>34</sup> 34	23 <sup>0</sup> 3	5 <sup>0</sup> 6	6 <sup>44</sup> 44	15 <sup>26</sup> 26	12 <sup>42</sup> 42	S 12
M13	19 24 50	21 <sup>18</sup> 21	11 <sup>52</sup> 52	6 <sup>31</sup> 31	6 <sup>46</sup> 46	15 <sup>38</sup> 38	24 <sup>27</sup> 27	25 <sup>48</sup> 48	4 <sup>42</sup> 42	1 <sup>32</sup> 32	23 <sup>0</sup> 4	5 <sup>0</sup> 2	6 <sup>41</sup> 41	15 <sup>32</sup> 32	12 <sup>38</sup> 38	M13
T 14	19 28 47	22 <sup>15</sup> 37	24 <sup>37</sup> 37	8 <sup>25</sup> 25	7 <sup>43</sup> 43	16 <sup>14</sup> 14	24 <sup>38</sup> 38	25 <sup>44</sup> 44	4 <sup>43</sup> 43	1 <sup>31</sup> 31	23 <sup>0</sup> 5	5 <sup>0</sup> 0	6 <sup>37</sup> 37	15 <sup>39</sup> 39	12 <sup>34</sup> 34	T 14
W15	19 32 44	23 <sup>12</sup> 52	8 <sup>14</sup> 14	10 <sup>22</sup> 22	8 <sup>40</sup> 40	16 <sup>49</sup> 49	24 <sup>48</sup> 48	25 <sup>41</sup> 41	4 <sup>45</sup> 45	1 <sup>29</sup> 29	23 <sup>0</sup> 6	4 <sup>0</sup> D59	6 <sup>34</sup> 34	15 <sup>46</sup> 46	12 <sup>31</sup> 31	W15
T 16	19 36 40	24 <sup>10</sup> 07	21 <sup>42</sup> 42	12 <sup>22</sup> 22	9 <sup>36</sup> 36	17 <sup>24</sup> 24	24 <sup>59</sup> 59	25 <sup>38</sup> 38	4 <sup>47</sup> 47	1 <sup>28</sup> 28	23 <sup>0</sup> 8	5 <sup>0</sup> 0	6 <sup>31</sup> 31	15 <sup>53</sup> 53	12 <sup>27</sup> 27	T 16
F 17	19 40 37	25 <sup>0</sup> 721	5 <sup>28</sup> 28	14 <sup>24</sup> 24	10 <sup>32</sup> 32	18 <sup>0</sup> 0	25 <sup>0</sup> 9	25 <sup>34</sup> 34	4 <sup>49</sup> 49	1 <sup>26</sup> 26	23 <sup>0</sup> 9	5 <sup>0</sup> 1	6 <sup>28</sup> 28	15 <sup>59</sup> 59	12 <sup>23</sup> 23	F 17
S 18	19 44 33	26 <sup>0</sup> 4'36	19 <sup>25</sup> 25	16 <sup>27</sup> 27	11 <sup>27</sup> 27	18 <sup>35</sup> 35	25 <sup>19</sup> 19	25 <sup>31</sup> 31	4 <sup>51</sup> 51	1 <sup>25</sup> 25	23 <sup>10</sup> 10	5 <sup>0</sup> R 2	6 <sup>25</sup> 25	16 <sup>0</sup> 6	12 <sup>19</sup> 19	S 18
S 19	19 48 30	27 <sup>0</sup> 1'50	3 <sup>33</sup> 33	18 <sup>33</sup> 33	12 <sup>21</sup> 21	19 <sup>11</sup> 11	25 <sup>30</sup> 30	25 <sup>27</sup> 27	4 <sup>52</sup> 52	1 <sup>24</sup> 24	23 <sup>11</sup> 11	5 <sup>0</sup> 2	6 <sup>22</sup> 22	16 <sup>13</sup> 13	12 <sup>15</sup> 15	S 19
M20	19 52 26	27 <sup>59</sup> 04	17 <sup>50</sup> 50	20 <sup>39</sup> 39	13 <sup>15</sup> 15	19 <sup>46</sup> 46	25 <sup>40</sup> 40	25 <sup>23</sup> 23	4 <sup>54</sup> 54	1 <sup>22</sup> 22	23 <sup>12</sup> 12	5 <sup>0</sup> 1	6 <sup>18</sup> 18	16 <sup>19</sup> 19	12 <sup>12</sup> 12	M20
T 21	19 56 23	28 <sup>56</sup> 18	2 <sup>15</sup> 15	22 <sup>47</sup> 47	14 <sup>0</sup> 9	20 <sup>22</sup> 22	25 <sup>50</sup> 50	25 <sup>20</sup> 20	4 <sup>56</sup> 56	1 <sup>21</sup> 21	23 <sup>14</sup> 14	4 <sup>58</sup> 58	6 <sup>15</sup> 15	16 <sup>26</sup> 26	12 <sup>0</sup> 8	T 21
W22	20 0 19	29 <sup>53</sup> 32	16 <sup>42</sup> 42	24 <sup>56</sup> 56	15 <sup>0</sup> 2	20 <sup>58</sup> 58	25 <sup>59</sup> 59	25 <sup>16</sup> 16	4 <sup>58</sup> 58	1 <sup>19</sup> 19	23 <sup>15</sup> 15	4 <sup>54</sup> 54	6 <sup>12</sup> 12	16 <sup>33</sup> 33	12 <sup>0</sup> 4	W22
T 23	20 4 16	0 <sup>50</sup> 45	1 <sup>3</sup> 8	27 <sup>0</sup> 5	15 <sup>54</sup> 54	21 <sup>34</sup> 34	26 <sup>0</sup> 9	25 <sup>12</sup> 12	5 <sup>0</sup> 1	1 <sup>18</sup> 18	23 <sup>16</sup> 16	4 <sup>49</sup> 49	6 <sup>0</sup> 9	16 <sup>40</sup> 40	12 <sup>0</sup> 1	T 23
F 24	20 8 13	1 <sup>47</sup> 59	15 <sup>25</sup> 25	29 <sup>14</sup> 14	16 <sup>46</sup> 46	22 <sup>0</sup> 9	26 <sup>19</sup> 19	25 <sup>0</sup> 8	5 <sup>0</sup> 3	1 <sup>17</sup> 17	23 <sup>17</sup> 17	4 <sup>44</sup> 44	6 <sup>0</sup> 6	16 <sup>46</sup> 46	11 <sup>57</sup> 57	F 24
S 25	20 12 9	2 <sup>45</sup> 13	29 <sup>30</sup> 30	1 <sup>23</sup> 23	17 <sup>37</sup> 37	22 <sup>45</sup> 45	26 <sup>28</sup> 28	25 <sup>0</sup> 4	5 <sup>0</sup> 5	1 <sup>15</sup> 15	23 <sup>18</sup> 18	4 <sup>40</sup> 40	6 <sup>0</sup> 3	16 <sup>53</sup> 53	11 <sup>53</sup> 53	S 25
S 26	20 16 6	3 <sup>42</sup> 28	13 <sup>17</sup> 17	3 <sup>32</sup> 32	18 <sup>27</sup> 27	23 <sup>21</sup> 21	26 <sup>38</sup> 38	25 <sup>0</sup> 0	5 <sup>0</sup> 7	1 <sup>14</sup> 14	23 <sup>19</sup> 19	4 <sup>37</sup> 37	5 <sup>59</sup> 59	17 <sup>0</sup> 0	11 <sup>50</sup> 50	S 26
M27	20 20 2	4 <sup>39</sup> 42	26 <sup>44</sup> 44	5 <sup>41</sup> 41	19 <sup>17</sup> 17	23 <sup>57</sup> 57	26 <sup>47</sup> 47	24 <sup>56</sup> 56	5 <sup>0</sup> 9	1 <sup>13</sup> 13	23 <sup>20</sup> 20	4 <sup>35</sup> 35	5 <sup>56</sup> 56	17 <sup>0</sup> 6	11 <sup>46</sup> 46	M27
T 28	20 23 59	5 <sup>36</sup> 57	9 <sup>34</sup> 34	7 <sup>48</sup> 48	20 <sup>0</sup> 6	24 <sup>34</sup> 34	26 <sup>56</sup> 56	24 <sup>52</sup> 52	5 <sup>12</sup> 12	1 <sup>11</sup> 11	23 <sup>21</sup> 21	4 <sup>0</sup> D35	5 <sup>53</sup> 53	17 <sup>13</sup> 13	11 <sup>43</sup> 43	T 28
W29	20 27 55	6 <sup>34</sup> 13	22 <sup>34</sup> 34	9 <sup>55</sup> 55	20 <sup>54</sup> 54	25 <sup>10</sup> 10	27 <sup>0</sup> 5	24 <sup>48</sup> 48	5 <sup>14</sup> 14	1 <sup>10</sup> 10	23 <sup>22</sup> 22	4 <sup>36</sup> 36	5 <sup>50</sup> 50	17 <sup>20</sup> 20	11 <sup>40</sup> 40	W29
T 30	20 31 52	7 <sup>31</sup> 29	5 <sup>0</sup> 0	12 <sup>0</sup> 0	21 <sup>41</sup> 41	25 <sup>46</sup> 46	27 <sup>14</sup> 14	24 <sup>44</sup> 44	5 <sup>16</sup> 16	1 <sup>0</sup> 9	23 <sup>23</sup> 23	4 <sup>38</sup> 38	5 <sup>47</sup> 47	17 <sup>27</sup> 27	11 <sup>36</sup> 36	T 30
F 31	20 35 48	8 <sup>28</sup> 46	17 <sup>11</sup> 11	14 <sup>4</sup> 4	22 <sup>28</sup> 28	26 <sup>22</sup> 22	27 <sup>23</sup> 23	24 <sup>40</sup> 40	5 <sup>19</sup> 19	1 <sup>3</sup> 8	23 <sup>24</sup> 24	4 <sup>39</sup> 39	5 <sup>43</sup> 43	17 <sup>33</sup> 33	11 <sup>33</sup> 33	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
-----	---	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--

## ASTRODIENST EPHEMERIS for the year 2640

AUGUST 2640

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 39 45	9♂26'03	29♂12	16♂7	23♂14	26♂59	27♂31	24°R36	5♂21	1°R 7	23♂25	4♂40	5♂40	17♂40	11°R30	S 1
S 2	20 43 42	10°23'21	11♂6	18°8	23°59	27°35	27°40	24°31	5°24	1♂5	23°26	4°R41	5°37	17°47	11♂26	S 2
M 3	20 47 38	11°20'40	22°59	20°7	24°43	28°11	27°48	24°27	5°26	1°4	23°27	4°40	5°34	17°53	11°23	M 3
T 4	20 51 35	12°18'00	4♂55	22°6	25°26	28°48	27°57	24°23	5°29	1°3	23°28	4°39	5°31	18°0	11°20	T 4
W 5	20 55 31	13°15'21	16°59	24°2	26°8	29°25	28°5	24°18	5°32	1°2	23°29	4°36	5°28	18°7	11°17	W 5
T 6	20 59 28	14°12'43	29°13	25°57	26°49	0♂1	28°13	24°14	5°34	1°1	23°30	4°33	5°24	18°14	11°14	T 6
F 7	21 3 24	15°10'06	11♂42	27°50	27°29	0°38	28°20	24°10	5°37	1°0	23°31	4°30	5°21	18°20	11°11	F 7
S 8	21 7 21	16°7'29	24°26	29°41	28°8	1°15	28°28	24°5	5°40	0°59	23°32	4°28	5°18	18°27	11°8	S 8
S 9	21 11 18	17°4'53	7♂28	1♂31	28°46	1°52	28°36	24°1	5°43	0°58	23°33	4°26	5°15	18°34	11°6	S 9
M10	21 15 14	18°2'18	20°46	3°19	29°23	2°29	28°43	23°57	5°45	0°57	23°34	4°24	5°12	18°40	11°3	M10
T 11	21 19 11	18°59'44	4♂20	5°6	29°59	3°5	28°50	23°52	5°48	0°56	23°35	4°D24	5°9	18°47	11°0	T 11
W12	21 23 7	19°57'10	18°6	6°50	0♂33	3°42	28°57	23°48	5°51	0°55	23°36	4°24	5°5	18°54	10°58	W12
T 13	21 27 4	20°54'37	2♂4	8°33	1°6	4°20	29°4	23°43	5°54	0°54	23°37	4°25	5°2	19°1	10°55	T 13
F 14	21 31 0	21°52'05	16°10	10°15	1°38	4°57	29°11	23°39	5°57	0°53	23°37	4°26	4°59	19°7	10°53	F 14
S 15	21 34 57	22°49'33	0♂22	11°55	2°8	5°34	29°18	23°34	6°0	0°52	23°38	4°27	4°56	19°14	10°50	S 15
S 16	21 38 53	23°47'02	14°36	13°33	2°37	6°11	29°24	23°30	6°3	0°51	23°39	4°28	4°53	19°21	10°48	S 16
M17	21 42 50	24°44'32	28°50	15°9	3°4	6°49	29°31	23°25	6°6	0°51	23°40	4°R28	4°49	19°27	10°46	M17
T 18	21 46 47	25°42'02	13♂2	16°44	3°29	7°26	29°37	23°21	6°9	0°50	23°40	4°27	4°46	19°34	10°43	T 18
W19	21 50 43	26°39'34	27°9	18°17	3°54	8°3	29°43	23°16	6°12	0°49	23°41	4°27	4°43	19°41	10°41	W19
T 20	21 54 40	27°37'06	11♂9	19°49	4°16	8°41	29°48	23°12	6°15	0°48	23°42	4°26	4°40	19°48	10°39	T 20
F 21	21 58 36	28°34'38	24°59	21°19	4°36	9°18	29°54	23°7	6°18	0°48	23°43	4°25	4°37	19°54	10°37	F 21
S 22	22 2 33	29°32'12	8♂36	22°47	4°55	9°56	29°59	23°3	6°22	0°47	23°43	4°25	4°34	20°1	10°35	S 22
S 23	22 6 29	0♂29'47	21°59	24°14	5°12	10°34	0♂5	22°59	6°25	0°46	23°44	4°24	4°30	20°8	10°34	S 23
M24	22 10 26	1°27'22	5♂7	25°39	5°27	11°11	0°10	22°54	6°28	0°46	23°44	4°D24	4°27	20°14	10°32	M24
T 25	22 14 22	2°24'59	17°59	27°2	5°40	11°49	0°15	22°50	6°31	0°45	23°45	4°24	4°24	20°21	10°30	T 25
W26	22 18 19	3°22'37	0♂36	28°24	5°51	12°27	0°20	22°45	6°35	0°45	23°46	4°24	4°21	20°28	10°28	W26
T 27	22 22 15	4°20'17	12°57	29°44	5°59	13°5	0°25	22°41	6°38	0°44	23°46	4°R24	4°18	20°35	10°27	T 27
F 28	22 26 12	5°17'58	25°7	1♂2	6°6	13°43	0°29	22°37	6°41	0°44	23°47	4°24	4°14	20°41	10°26	F 28
S 29	22 30 9	6°15'40	7♂7	2°18	6°10	14°21	0°33	22°32	6°45	0°43	23°47	4°24	4°11	20°48	10°24	S 29
S 30	22 34 5	7°13'24	19°2	3°32	6°R12	14°59	0°38	22°28	6°48	0°43	23°48	4°24	4°8	20°55	10°23	S 30
M31	22 38 2	8♂11'09	0♂54	4♂45	6♂12	15♂37	0♂41	22°24	6♂52	0♂43	23♂48	4♂24	4♂5	21♂2	10♂22	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	17n50	15n 8	4n16	17n39	1n47	1n35	1s12	1n51	0n43	18n31	1s 4	14s19	1s 6	1s28	0n42	22s 5
S 2	17 35	19 40	4 48	17 3	1 47	1 9	1 20	1 36	0 42	18 32	1 4	14 21	1 6	1 29	0 42	22 5
M 3	17 19	23 25	5 8	16 24	1 46	0 44	1 29	1 21	0 41	18 34	1 4	14 22	1 6	1 30	0 42	22 5
T 4	17 3	26 12	5 14	15 45	1 45	0 19	1 37	1 6	0 41	18 36	1 4	14 24	1 6	1 31	0 42	22 5
W 5	16 47	27 49	5 7	15 5	1 43	0s 6	1 46	0 51	0 40	18 37	1 4	14 25	1 6	1 32	0 42	22 5
T 6	16 31	28 7	4 46	14 24	1 40	0 30	1 55	0 35	0 39	18 39	1 4	14 27	1 7	1 34	0 42	22 5
F 7	16 14	27 1	4 11	13 42	1 37	0 54	2 4	0 20	0 38	18 41	1 4	14 28	1 7	1 35	0 42	22 5
S 8	15 57	24 29	3 23	13 0	1 33	1 19	2 14	0 5	0 38	18 42	1 4	14 30	1 7	1 36	0 42	22 5
S 9	15 40	20 39	2 23	12 17	1 29	1 42	2 23	0s10	0 37	18 44	1 5	14 31	1 7	1 37	0 42	22 5
M10	15 22	15 42	1 15	11 34	1 25	2 6	2 33	0 26	0 36	18 45	1 5	14 33	1 7	1 38	0 42	22 5
T 11	15 5	9 54	0 0	10 51	1 19	2 29	2 43	0 41	0 36	18 47	1 5	14 35	1 7	1 39	0 42	22 5
W12	14 47	3 32	1s15	10 7	1 14	2 52	2 53	0 56	0 35	18 48	1 5	14 36	1 7	1 40	0 42	22 5
T 13	14 29	3s 4	2 27	9 23	1 8	3 14	3 3	1 11	0 34	18 49	1 5	14 38	1 7	1 41	0 42	22 5
F 14	14 10	9 35	3 31	8 39	1 2	3 36	3 13	1 27	0 33	18 51	1 5	14 39	1 7	1 43	0 42	22 5
S 15	13 52	15 39	4 22	7 55	0 55	3 58	3 24	1 42	0 33	18 52	1 5	14 41	1 7	1 44	0 42	22 5
S 16	13 33	20 54	4 58	7 11	0 48	4 19	3 34	1 57	0 32	18 53	1 5	14 42	1 7	1 45	0 42	22 5
M17	13 14	24 57	5 15	6 28	0 41	4 40	3 45	2 13	0 31	18 55	1 6	14 44	1 8	1 46	0 42	22 5
T 18	12 55	27 27	5 13	5 44	0 33	5 0	3 56	2 28	0 31	18 56	1 6	14 45	1 8	1 48	0 42	22 5
W19	12 35	28 12	4 52	5 0	0 26	5 19	4 7	2 43	0 30	18 57	1 6	14 47	1 8	1 49	0 42	22 5
T 20	12 16	27 6	4 14	4 17	0 17	5 38	4 18	2 59	0 29	18 58	1 6	14 48	1 8	1 50	0 42	22 6
F 21	11 56	24 22	3 21	3 34	0 9	5 57	4 30	3 14	0 29	18 59	1 6	14 50	1 8	1 51	0 42	22 6
S 22	11 36	20 16	2 18	2 52	0 1	6 15	4 41	3 30	0 28	19 0	1 6	14 51	1 8	1 53	0 42	22 6
S 23	11 16	15 12	1 8	2 10	0s 8	6 32	4 52	3 45	0 27	19 1	1 6	14 53	1 8	1 54	0 42	22 6
M24	10 55	9 32	0n 4	1 28	0 17	6 48	5 4	4 0	0 27	19 2	1 7	14 54	1 8	1 55	0 42	22 6
T 25	10 35	3 35	1 15	0 47	0 26	7 4	5 15	4 16	0 26	19 3	1 7	14 56	1 8	1 57	0 42	22 6
W26	10 14	2n23	2 20	0 6	0 35	7 19	5 27	4 31	0 25	19 4	1 7	14 57	1 8	1 58	0 42	22 6
T 27	9 53	8 8	3 18	0s34	0 44	7 33	5 38	4 46	0 25	19 5	1 7	14 59	1 8	1 59	0 42	22 6
F 28	9 32	13 30	4 5	1 14	0 54	7 46	5 50	5 1	0 24	19 5	1 7	15 0	1 8	2 1	0 42	22 6
S 29	9 11	18 17	4 42	1 53	1 3	7 58	6 1	5 17	0 23	19 6	1 7	15 2	1 8	2 2	0 42	22 6
S 30	8 50	22 19	5 5	2 31	1 13	8 10	6 13	5 32	0 23	19 7	1 8	15 3	1 8	2 3	0 42	22 6
M31	8n28	25n25	5n16	3s 9	1s23	8s20	6s24	5s47	0n22	19n 7	1s 8	15s 5	1s 8	2s 5	0n42	22s 6

Julian Day Number = 2685512.5, Delta T = 22m56s

Ecliptic obliquity = 23°21'30, Nutation = 0°00'08

Ayanamsha: Fagan/Bradley = 33°42'03, Lahiri = 32°49'03

## ASTRODIENST EPHEMERIS for the year 2640

SEPTEMBER 2640

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 41 58	9♍ 8'57	12♊ 50	5♊ 55	6°R10	16♊ 15	0♊ 45	22°R20	6♊ 55	0°R42	23♊ 49	4°D24	4♋ 2	21♌ 8	10°R21	T 1
W 2	22 45 55	10° 6'45	24°S4	7° 3	6♊ 5	16°53	0°49	22°R16	6°59	0°42	23°49	4°R24	3°59	21°15	10°R20	W 2
T 3	22 49 51	11° 4'36	7♊ 9	8° 9	5°58	17°32	0°52	22°12	7° 2	0°42	23°50	4°24	3°55	21°22	10°19	T 3
F 4	22 53 48	12° 2'28	19°40	9°12	5°48	18°10	0°55	22° 7	7° 6	0°41	23°50	4°25	3°52	21°28	10°18	F 4
S 5	22 57 44	13° 0'22	2♊ 31	10°13	5°36	18°48	0°58	22° 3	7° 9	0°41	23°51	4°26	3°49	21°35	10°17	S 5
S 6	23 1 41	13°58'17	15°42	11°12	5°22	19°27	1° 1	21°59	7°13	0°41	23°51	4°27	3°46	21°42	10°16	S 6
M 7	23 5 38	14°56'14	29°16	12° 8	5° 5	20° 5	1° 4	21°56	7°16	0°41	23°51	4°R27	3°43	21°49	10°16	M 7
T 8	23 9 34	15°54'13	13♊ 11	13° 1	4°47	20°44	1° 6	21°52	7°20	0°41	23°52	4°27	3°40	21°55	10°15	T 8
W 9	23 13 31	16°52'13	27°23	13°51	4°25	21°23	1° 9	21°48	7°23	0°40	23°52	4°26	3°36	22° 2	10°15	W 9
T 10	23 17 27	17°50'14	11♊ 49	14°37	4° 2	22° 1	1°11	21°44	7°27	0°40	23°52	4°25	3°33	22° 9	10°14	T 10
F 11	23 21 24	18°48'17	26°22	15°20	3°37	22°40	1°12	21°40	7°31	0°40	23°52	4°23	3°30	22°15	10°14	F 11
S 12	23 25 20	19°46'22	10♊ 57	16° 0	3° 9	23°19	1°14	21°37	7°34	0°D40	23°53	4°21	3°27	22°22	10°14	S 12
S 13	23 29 17	20°44'28	25°28	16°35	2°40	23°58	1°16	21°33	7°38	0°40	23°53	4°20	3°24	22°29	10°D14	S 13
M14	23 33 13	21°42'35	9♊ 50	17° 7	2° 9	24°37	1°17	21°29	7°42	0°40	23°53	4°19	3°20	22°36	10°14	M14
T 15	23 37 10	22°40'44	23°59	17°33	1°37	25°16	1°18	21°26	7°45	0°40	23°53	4°D18	3°17	22°42	10°14	T 15
W16	23 41 7	23°38'54	7♊ 55	17°55	1° 3	25°55	1°19	21°22	7°49	0°41	23°54	4°19	3°14	22°49	10°14	W16
T 17	23 45 3	24°37'05	21°36	18°12	0°28	26°34	1°19	21°19	7°53	0°41	23°54	4°20	3°11	22°56	10°14	T 17
F 18	23 49 0	25°35'18	5♊ 3	18°24	29♊ 53	27°13	1°20	21°16	7°56	0°41	23°54	4°21	3° 8	23° 2	10°15	F 18
S 19	23 52 56	26°33'32	18°16	18°R30	29°16	27°52	1°20	21°13	8° 0	0°41	23°54	4°23	3° 5	23° 9	10°15	S 19
S 20	23 56 53	27°31'48	1♋ 15	18°30	28°39	28°31	1°R20	21° 9	8° 4	0°41	23°54	4°R23	3° 1	23°16	10°16	S 20
M21	0 0 49	28°30'05	14° 2	18°23	28° 2	29°11	1°20	21° 6	8° 8	0°42	23°54	4°23	2°58	23°23	10°16	M21
T 22	0 4 46	29°28'24	26°37	18°10	27°24	29°50	1°20	21° 3	8°11	0°42	23°54	4°22	2°55	23°29	10°17	T 22
W23	0 8 42	0♊ 26'45	9♊ 0	17°51	26°48	0♊ 30	1°19	21° 0	8°15	0°42	23°R54	4°19	2°52	23°36	10°18	W23
T 24	0 12 39	1°25'08	21°14	17°25	26°11	1° 9	1°19	20°57	8°19	0°43	23°54	4°15	2°49	23°43	10°19	T 24
F 25	0 16 36	2°23'32	3♋ 18	16°51	25°35	1°49	1°18	20°55	8°23	0°43	23°54	4°10	2°46	23°50	10°20	F 25
S 26	0 20 32	3°21'59	15°16	16°12	25° 1	2°28	1°17	20°52	8°26	0°44	23°54	4° 5	2°42	23°56	10°21	S 26
S 27	0 24 29	4°20'28	27° 9	15°26	24°27	3° 8	1°15	20°49	8°30	0°44	23°54	4° 0	2°39	24° 3	10°22	S 27
M28	0 28 25	5°18'58	9♊ 1	14°34	23°55	3°48	1°14	20°47	8°34	0°45	23°54	3°56	2°36	24°10	10°23	M28
T 29	0 32 22	6°17'31	20°55	13°38	23°25	4°27	1°12	20°44	8°38	0°45	23°54	3°54	2°33	24°16	10°24	T 29
W30	0 36 18	7♊ 16'06	2♊ 56	12♊ 37	22♊ 56	5♊ 7	1♊ 10	20°42	8♊ 42	0♊ 46	23♊ 54	3°D53	2♋ 30	24♊ 23	10°26	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	8n 7	27n26	5n13	3s45	1s32	8s29	6s35	6s 3	0n21	19n 8	1s 8	15s 6	1s 8	2s 6	0n42	22s 6
W 2	7 45	28 12	4 57	4 21	1 42	8 37	6 46	6 18	0 21	19 9	1 8	15 7	1 9	2 7	0 42	22 6
T 3	7 23	27 36	4 27	4 56	1 52	8 44	6 57	6 33	0 20	19 9	1 8	15 9	1 9	2 9	0 42	22 6
F 4	7 1	25 36	3 43	5 30	2 1	8 50	7 7	6 48	0 19	19 10	1 8	15 10	1 9	2 10	0 42	22 6
S 5	6 39	22 15	2 48	6 3	2 11	8 55	7 18	7 3	0 19	19 10	1 8	15 12	1 9	2 12	0 42	22 6
S 6	6 17	17 42	1 42	6 34	2 21	8 58	7 27	7 18	0 18	19 11	1 9	15 13	1 9	2 13	0 42	22 6
M 7	5 55	12 8	0 29	7 5	2 30	9 0	7 37	7 34	0 17	19 11	1 9	15 14	1 9	2 14	0 41	22 6
T 8	5 32	5 51	0s48	7 34	2 39	9 1	7 46	7 49	0 17	19 11	1 9	15 15	1 9	2 16	0 41	22 6
W 9	5 10	0s51	2 3	8 2	2 48	9 0	7 54	8 4	0 16	19 12	1 9	15 17	1 9	2 17	0 41	22 7
T 10	4 48	7 36	3 12	8 28	2 57	8 59	8 2	8 19	0 15	19 12	1 9	15 18	1 9	2 19	0 41	22 7
F 11	4 25	14 0	4 9	8 53	3 6	8 55	8 10	8 34	0 15	19 12	1 9	15 19	1 9	2 20	0 41	22 7
S 12	4 2	19 39	4 50	9 16	3 15	8 51	8 16	8 49	0 14	19 12	1 9	15 20	1 9	2 22	0 41	22 7
S 13	3 39	24 6	5 12	9 37	3 23	8 44	8 22	9 3	0 13	19 12	1 10	15 22	1 9	2 23	0 41	22 7
M14	3 17	27 1	5 14	9 56	3 31	8 37	8 28	9 18	0 13	19 13	1 10	15 23	1 9	2 24	0 41	22 7
T 15	2 54	28 10	4 57	10 13	3 38	8 28	8 32	9 33	0 12	19 13	1 10	15 24	1 9	2 26	0 41	22 7
W16	2 31	27 30	4 23	10 28	3 45	8 18	8 36	9 48	0 11	19 13	1 10	15 25	1 9	2 27	0 41	22 7
T 17	2 8	25 9	3 34	10 40	3 51	8 7	8 38	10 3	0 11	19 13	1 10	15 26	1 9	2 29	0 41	22 7
F 18	1 45	21 26	2 35	10 50	3 56	7 54	8 40	10 17	0 10	19 13	1 10	15 27	1 9	2 30	0 41	22 7
S 19	1 22	16 42	1 28	10 56	4 1	7 41	8 41	10 32	0 10	19 12	1 11	15 28	1 9	2 32	0 41	22 7
S 20	0 59	11 16	0 17	11 0	4 5	7 26	8 41	10 46	0 9	19 12	1 11	15 29	1 9	2 33	0 41	22 7
M21	0 36	5 27	0n53	11 0	4 7	7 11	8 40	11 1	0 8	19 12	1 11	15 30	1 9	2 35	0 41	22 7
T 22	0 13	0n29	1 59	10 56	4 9	6 54	8 38	11 15	0 8	19 12	1 11	15 31	1 9	2 36	0 41	22 7
W23	0s11	6 17	2 58	10 49	4 9	6 37	8 36	11 30	0 7	19 12	1 11	15 32	1 9	2 38	0 41	22 7
T 24	0 34	11 47	3 49	10 38	4 8	6 19	8 32	11 44	0 6	19 11	1 11	15 33	1 9	2 39	0 41	22 7
F 25	0 57	16 46	4 28	10 23	4 5	6 1	8 27	11 58	0 6	19 11	1 11	15 34	1 9	2 41	0 41	22 7
S 26	1 20	21 4	4 55	10 3	4 1	5 42	8 22	12 13	0 5	19 11	1 11	15 35	1 9	2 42	0 41	22 7
S 27	1 43	24 29	5 10	9 40	3 55	5 23	8 15	12 27	0 4	19 10	1 12	15 36	1 9	2 44	0 41	22 7
M28	2 6	26 50	5 11	9 13	3 47	5 4	8 8	12 41	0 4	19 10	1 12	15 36	1 9	2 45	0 41	22 7
T 29	2 29	28 1	4 58	8 42	3 37	4 45	8 0	12 55	0 3	19 9	1 12	15 37	1 9	2 47	0 41	22 7
W30	2s53	27n52	4n33	8s 7	3s25	4s26	7s52	13s 9	0n 3	19n 9	1s12	15s38	1s 9	2s48	0n41	22s 8

Julian Day Number = 2685543.5, Delta T = 22m56s

Ecliptic obliquity = 23°21'30, Nutation = 0°00'08

Ayanamsha: Fagan/Bradley = 33°42'07, Lahiri = 32°49'07

## ASTRODIENST EPHEMERIS for the year 2640

OCTOBER 2640

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 40 15	8♌14'44"	15♍8	11°R34	22°R29	5♍47	1°R 8	20°R40	8♌45	0♈46	23°R53	3♈53	2♈26	24♌30	10♈27	T 1
F 2	0 44 11	9°13'23"	27°36'	10♌29	22♍4	6°27'	1♈6	20♌37	8°49'	0°47'	23♈53	3°54'	2°23'	24°37'	10°29'	F 2
S 3	0 48 8	10°12'05"	10♌25	9°25'	21°41'	7°7'	1°3	20°35'	8°53'	0°48'	23°53'	3°55'	2°20'	24°43'	10°30'	S 3
S 4	0 52 5	11°10'48"	23°38'	8°21'	21°21'	7°47'	1°0	20°33'	8°57'	0°48'	23°53'	3°57'	2°17'	24°50'	10°32'	S 4
M 5	0 56 1	12°9'34"	7♍17	7°22'	21°3	8°27'	0°57'	20°31'	9°1'	0°49'	23°53'	3°R57	2°14'	24°57'	10°34'	M 5
T 6	0 59 58	13°8'22"	21°23'	6°27'	20°47'	9°8'	0°54'	20°29'	9°4'	0°50'	23°52'	3°56'	2°11'	25°3'	10°36'	T 6
W 7	1 3 54	14°7'12"	5♌53	5°38'	20°33'	9°48'	0°51'	20°28'	9°8'	0°51'	23°52'	3°53'	2°7'	25°10'	10°38'	W 7
T 8	1 7 51	15°6'04"	20°41'	4°57'	20°22'	10°28'	0°47'	20°26'	9°12'	0°52'	23°52'	3°48'	2°4'	25°17'	10°40'	T 8
F 9	1 11 47	16°4'58"	5♍41	4°25'	20°14'	11°9'	0°44'	20°24'	9°16'	0°52'	23°51'	3°42'	2°1'	25°24'	10°42'	F 9
S 10	1 15 44	17°3'54"	20°41'	4°3'	20°7'	11°49'	0°40'	20°23'	9°19'	0°53'	23°51'	3°35'	1°58'	25°30'	10°44'	S 10
S 11	1 19 40	18°2'52"	5♌35	3°50'	20°4	12°30'	0°36'	20°22'	9°23'	0°54'	23°51'	3°29'	1°55'	25°37'	10°47'	S 11
M12	1 23 37	19°1'51"	20°13'	3°D48	20°D 2	13°10'	0°32'	20°20'	9°27'	0°55'	23°50'	3°24'	1°51'	25°44'	10°49'	M12
T 13	1 27 34	20°0'52"	4♌31	3°56'	20°3	13°51'	0°27'	20°19'	9°31'	0°56'	23°50'	3°21'	1°48'	25°51'	10°51'	T 13
W14	1 31 30	20°59'55"	18°27'	4°15'	20°7'	14°31'	0°23'	20°18'	9°34'	0°57'	23°49'	3°D20	1°45'	25°57'	10°54'	W14
T 15	1 35 27	21°59'00"	2♌1	4°43'	20°12'	15°12'	0°18'	20°17'	9°38'	0°58'	23°49'	3°20'	1°42'	26°4'	10°57'	T 15
F 16	1 39 23	22°58'06"	15°15'	5°21'	20°20'	15°53'	0°13'	20°16'	9°42'	0°59'	23°49'	3°22'	1°39'	26°11'	10°59'	F 16
S 17	1 43 20	23°57'14"	28°11'	6°7'	20°30'	16°34'	0°8'	20°15'	9°46'	1°1'	23°48'	3°R23	1°36'	26°17'	11°2'	S 17
S 18	1 47 16	24°56'24"	10♈52	7°2'	20°42'	17°15'	0°2	20°15'	9°49'	1°2'	23°48'	3°22'	1°32'	26°24'	11°5'	S 18
M19	1 51 13	25°55'36"	23°20'	8°4'	20°57'	17°56'	29♌57	20°14'	9°53'	1°3'	23°47'	3°20'	1°29'	26°31'	11°8'	M19
T 20	1 55 9	26°54'49"	5♍39	9°12'	21°13'	18°37'	29°51'	20°14'	9°57'	1°4'	23°47'	3°16'	1°26'	26°38'	11°11'	T 20
W21	1 59 6	27°54'04"	17°50'	10°27'	21°31'	19°18'	29°46'	20°13'	10°0'	1°5'	23°46'	3°9'	1°23'	26°44'	11°14'	W21
T 22	2 3 2	28°53'21"	29°54'	11°46'	21°52'	19°59'	29°40'	20°13'	10°4'	1°7'	23°45'	3°0'	1°20'	26°51'	11°17'	T 22
F 23	2 6 59	29°52'41"	11♌52	13°10'	22°14'	20°40'	29°34'	20°13'	10°8'	1°8'	23°45'	2°49'	1°17'	26°58'	11°20'	F 23
S 24	2 10 56	0♍52'02"	23°47'	14°37'	22°38'	21°21'	29°27'	20°13'	10°11'	1°9'	23°44'	2°38'	1°13'	27°4'	11°24'	S 24
S 25	2 14 52	1°51'26"	5♍39	16°8'	23°3	22°3	29°21'	20°D13	10°15'	1°10'	23°44'	2°26'	1°10'	27°11'	11°27'	S 25
M26	2 18 49	2°50'52"	17°30'	17°41'	23°31'	22°44'	29°15'	20°13'	10°18'	1°12'	23°43'	2°17'	1°7'	27°18'	11°31'	M26
T 27	2 22 45	3°50'20"	29°24'	19°17'	24°0	23°26'	29°8'	20°13'	10°22'	1°13'	23°42'	2°9'	1°4'	27°25'	11°34'	T 27
W28	2 26 42	4°49'50"	11♌24	20°54'	24°30'	24°7'	29°1'	20°13'	10°26'	1°15'	23°42'	2°4'	1°1'	27°31'	11°38'	W28
T 29	2 30 38	5°49'22"	23°33'	22°32'	25°3	24°49'	28°54'	20°14'	10°29'	1°16'	23°41'	2°1'	0°57'	27°38'	11°41'	T 29
F 30	2 34 35	6°48'57"	5♌56	24°12'	25°36'	25°30'	28°47'	20°14'	10°33'	1°18'	23°40'	2°D 0	0°54'	27°45'	11°45'	F 30
S 31	2 38 32	7♍48'34"	18♌39	25♌52	26♍11	26♍12	28♌40	20♌15	10♌36	1♌19	23♈39	2♈0	0♈51	27♌52	11♌49	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	3s16	26n23	3n55	7s30	3s11	4s 7	7s43	13s23	0n 2	19n 8	1s12	15s39	1s 9	2s50	0n41	22s 8
F 2	3 39	23 35	3 5	6 50	2 56	3 48	7 33	13 36	0 1	19 8	1 12	15 39	1 9	2 51	0 41	22 8
S 3	4 2	19 34	2 5	6 9	2 39	3 30	7 23	13 50	0 1	19 7	1 12	15 40	1 9	2 53	0 41	22 8
S 4	4 25	14 29	0 56	5 28	2 21	3 12	7 12	14 4	0 0	19 6	1 13	15 41	1 9	2 54	0 41	22 8
M 5	4 47	8 31	0s18	4 47	2 2	2 55	7 1	14 17	0s 1	19 6	1 13	15 41	1 9	2 56	0 41	22 8
T 6	5 10	1 59	1 33	4 7	1 42	2 38	6 49	14 30	0 1	19 5	1 13	15 42	1 9	2 57	0 41	22 8
W 7	5 33	4s51	2 44	3 29	1 21	2 22	6 37	14 44	0 2	19 4	1 13	15 42	1 9	2 59	0 41	22 8
T 8	5 56	11 32	3 46	2 54	1 1	2 6	6 25	14 57	0 2	19 3	1 13	15 43	1 9	3 0	0 41	22 8
F 9	6 18	17 39	4 33	2 23	0 41	1 52	6 13	15 10	0 3	19 3	1 13	15 43	1 9	3 2	0 41	22 8
S 10	6 41	22 42	5 1	1 56	0 22	1 38	6 1	15 23	0 4	19 2	1 13	15 44	1 9	3 3	0 41	22 8
S 11	7 3	26 13	5 8	1 34	0 3	1 25	5 48	15 36	0 4	19 1	1 13	15 44	1 9	3 5	0 41	22 8
M12	7 26	27 54	4 55	1 17	0n15	1 13	5 35	15 49	0 5	19 0	1 13	15 45	1 9	3 6	0 41	22 8
T 13	7 48	27 41	4 24	1 5	0 31	1 2	5 23	16 2	0 5	18 59	1 13	15 45	1 9	3 7	0 41	22 8
W14	8 10	25 41	3 38	0 59	0 46	0 51	5 10	16 14	0 6	18 58	1 14	15 45	1 9	3 9	0 41	22 8
T 15	8 32	22 15	2 41	0 57	1 0	0 42	4 57	16 27	0 7	18 57	1 14	15 45	1 8	3 10	0 41	22 8
F 16	8 54	17 44	1 36	1 1	1 12	0 33	4 45	16 39	0 7	18 56	1 14	15 46	1 8	3 12	0 41	22 8
S 17	9 16	12 30	0 28	1 10	1 23	0 25	4 32	16 52	0 8	18 54	1 14	15 46	1 8	3 13	0 41	22 8
S 18	9 37	6 51	0n40	1 23	1 32	0 19	4 20	17 4	0 8	18 53	1 14	15 46	1 8	3 15	0 41	22 8
M19	9 59	1 2	1 45	1 40	1 40	0 13	4 7	17 16	0 9	18 52	1 14	15 46	1 8	3 16	0 41	22 8
T 20	10 20	4n45	2 44	2 1	1 46	0 8	3 55	17 28	0 10	18 51	1 14	15 46	1 8	3 18	0 41	22 8
W21	10 42	10 17	3 35	2 25	1 51	0 4	3 43	17 39	0 10	18 50	1 14	15 47	1 8	3 19	0 41	22 8
T 22	11 3	15 22	4 15	2 52	1 55	0 1	3 31	17 51	0 11	18 48	1 14	15 47	1 8	3 20	0 41	22 8
F 23	11 23	19 51	4 44	3 22	1 58	0n 2	3 19	18 3	0 11	18 47	1 14	15 47	1 8	3 22	0 41	22 8
S 24	11 44	23 30	5 0	3 54	2 0	0 3	3 7	18 14	0 12	18 46	1 14	15 47	1 8	3 23	0 41	22 8
S 25	12 5	26 9	5 3	4 28	2 0	0 3	2 56	18 25	0 13	18 44	1 14	15 47	1 8	3 25	0 41	22 8
M26	12 25	27 38	4 53	5 4	2 0	0 3	2 44	18 36	0 13	18 43	1 14	15 47	1 8	3 26	0 41	22 8
T 27	12 45	27 52	4 30	5 41	1 59	0 2	2 33	18 47	0 14	18 41	1 14	15 46	1 8	3 27	0 41	22 9
W28	13 5	26 47	3 56	6 19	1 58	0s 0	2 22	18 58	0 14	18 40	1 14	15 46	1 8	3 29	0 41	22 9
T 29	13 25	24 26	3 10	6 57	1 55	0 3	2 11	19 9	0 15	18 38	1 14	15 46	1 8	3 30	0 41	22 9
F 30	13 45	20 53	2 14	7 37	1 52	0 7	2 1	19 20	0 16	18 37	1 14	15 46	1 8	3 32	0 41	22 9
S 31	14s 4	16n18	1n10	8s16	1n49	0s11	1s51	19s30	0s16	18n35	1s14	15s46	1s 8	3s33	0n41	22s 9

Julian Day Number = 2685573.5, Delta T = 22m56s

Ecliptic obliquity = 23°21'30", Nutation = 0°00'07"

Ayanamsha: Fagan/Bradley = 33°42'11", Lahiri = 32°49'11"

## ASTRODIENST EPHEMERIS for the year 2640

NOVEMBER 2640

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 42 28	8♍48°13'	1♏46°	27♊33	26♏47	26♍54	28°R33	20♌15	10♌40	1♊21	23°R39	2°R 1	0♏48	27♊58	11♊53	S 1
M 2	2 46 25	9°47'54	15°20	29°14	27°25	27°35	28♊26	20°16	10°43	1°22	23♊38	2°H 0	0°45	28° 5	11°57	M 2
T 3	2 50 21	10°47'37	29°24	0♍56	28° 4	28°17	28°18	20°17	10°46	1°24	23°37	1°57	0°42	28°12	12° 1	T 3
W 4	2 54 18	11°47'23	13♌56	2°37	28°44	28°59	28°11	20°18	10°50	1°25	23°36	1°52	0°38	28°18	12° 5	W 4
T 5	2 58 14	12°47'11	28°53	4°18	29°25	29°41	28° 3	20°19	10°53	1°27	23°35	1°44	0°35	28°25	12° 9	T 5
F 6	3 2 11	13°47'01	14♍ 6	6° 0	0♌ 8	0♊23	27°56	20°20	10°57	1°29	23°35	1°34	0°32	28°32	12°13	F 6
S 7	3 6 7	14°46'53	29°25	7°40	0°51	1° 5	27°48	20°22	11° 0	1°30	23°34	1°23	0°29	28°39	12°17	S 7
S 8	3 10 4	15°46'47	14♊38	9°21	1°36	1°47	27°40	20°23	11° 3	1°32	23°33	1°13	0°26	28°45	12°22	S 8
M 9	3 14 1	16°46'42	29°35	11° 2	2°21	2°30	27°32	20°25	11° 6	1°34	23°32	1° 4	0°23	28°52	12°26	M 9
T 10	3 17 57	17°46'39	14♊ 9	12°42	3° 7	3°12	27°24	20°26	11°10	1°35	23°31	0°58	0°19	28°59	12°31	T 10
W 11	3 21 54	18°46'38	28°14	14°21	3°55	3°54	27°16	20°28	11°13	1°37	23°30	0°54	0°16	29° 6	12°35	W 11
T 12	3 25 50	19°46'38	11♌52	16° 0	4°43	4°37	27° 8	20°30	11°16	1°39	23°29	0°53	0°13	29°12	12°40	T 12
F 13	3 29 47	20°46'40	25° 4	17°39	5°32	5°19	27° 0	20°32	11°19	1°41	23°28	0°53	0°10	29°19	12°44	F 13
S 14	3 33 43	21°46'43	7♊54	19°18	6°22	6° 2	26°52	20°34	11°22	1°43	23°27	0°53	0° 7	29°26	12°49	S 14
S 15	3 37 40	22°46'48	20°26	20°56	7°12	6°44	26°44	20°36	11°25	1°44	23°26	0°51	0° 3	29°32	12°54	S 15
M 16	3 41 36	23°46'54	2°V44	22°33	8° 4	7°27	26°36	20°38	11°29	1°46	23°25	0°48	0° 0	29°39	12°59	M 16
T 17	3 45 33	24°47'02	14°51	24°10	8°56	8° 9	26°28	20°40	11°32	1°48	23°25	0°41	29°57	29°46	13° 3	T 17
W 18	3 49 30	25°47'12	26°52	25°47	9°49	8°52	26°20	20°43	11°35	1°50	23°24	0°32	29°54	29°53	13° 8	W 18
T 19	3 53 26	26°47'23	8♊49	27°24	10°43	9°35	26°11	20°45	11°38	1°52	23°23	0°20	29°51	29°59	13°13	T 19
F 20	3 57 23	27°47'36	20°43	29° 0	11°37	10°18	26° 3	20°48	11°40	1°54	23°22	0° 6	29°48	0♏ 6	13°18	F 20
S 21	4 1 19	28°47'50	2♏35	0♊35	12°32	11° 1	25°55	20°50	11°43	1°56	23°20	29°51	29°44	0°13	13°23	S 21
S 22	4 5 16	29°48'07	14°28	2°11	13°27	11°44	25°47	20°53	11°46	1°58	23°19	29°36	29°41	0°19	13°28	S 22
M 23	4 9 12	0♊48'25	26°23	3°46	14°23	12°27	25°39	20°56	11°49	2° 0	23°18	29°23	29°38	0°26	13°34	M 23
T 24	4 13 9	1°48'45	8♊20	5°20	15°20	13°10	25°31	20°59	11°52	2° 2	23°17	29°12	29°35	0°33	13°39	T 24
W 25	4 17 5	2°49'06	20°23	6°55	16°17	13°53	25°23	21° 2	11°55	2° 4	23°16	29° 5	29°32	0°40	13°44	W 25
T 26	4 21 2	3°49'30	2♏34	8°29	17°15	14°36	25°15	21° 5	11°57	2° 6	23°15	29° 0	29°29	0°46	13°49	T 26
F 27	4 24 59	4°49'55	14°57	10° 3	18°14	15°19	25° 7	21° 8	12° 0	2° 8	23°14	28°58	29°25	0°53	13°55	F 27
S 28	4 28 55	5°50'22	27°37	11°37	19°12	16° 2	24°59	21°12	12° 3	2°10	23°13	28°57	29°22	1° 0	14° 0	S 28
S 29	4 32 52	6°50'51	10♏37	13°10	20°12	16°46	24°51	21°15	12° 5	2°12	23°12	28°57	29°19	1° 7	14° 5	S 29
M 30	4 36 48	7°51'22	24♏ 2	14♊43	21♌12	17♊29	24♊43	21°19	12° 8	2♊14	23°11	28°56	29°16	1♏13	14♊11	M 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	14s23	10n50	0n 1	8s56	1n45	0s16	1s40	19s40	0s17	18n34	1s14	15s45	1s 8	3s34	0n41	22s 9
M 2	14 42	4 41	1s10	9 36	1 40	0 22	1 31	19 50	0 17	18 32	1 14	15 45	1 8	3 36	0 41	22 9
T 3	15 1	1s54	2 20	10 16	1 35	0 28	1 21	20 0	0 18	18 30	1 14	15 45	1 8	3 37	0 41	22 9
W 4	15 19	8 36	3 23	10 56	1 30	0 35	1 11	20 10	0 19	18 29	1 14	15 44	1 8	3 38	0 41	22 9
T 5	15 37	14 59	4 14	11 35	1 25	0 43	1 2	20 20	0 19	18 27	1 14	15 44	1 8	3 39	0 41	22 9
F 6	15 55	20 35	4 47	12 14	1 19	0 52	0 53	20 29	0 20	18 25	1 14	15 44	1 8	3 41	0 41	22 9
S 7	16 13	24 51	5 1	12 52	1 13	1 1	0 44	20 38	0 20	18 24	1 14	15 43	1 8	3 42	0 42	22 9
S 8	16 30	27 20	4 53	13 30	1 7	1 11	0 36	20 47	0 21	18 22	1 14	15 43	1 8	3 43	0 42	22 9
M 9	16 48	27 47	4 25	14 7	1 1	1 21	0 27	20 56	0 21	18 20	1 14	15 42	1 7	3 45	0 42	22 9
T 10	17 4	26 16	3 40	14 44	0 54	1 32	0 19	21 5	0 22	18 19	1 14	15 42	1 7	3 46	0 42	22 9
W 11	17 21	23 7	2 43	15 20	0 48	1 43	0 11	21 14	0 23	18 17	1 14	15 41	1 7	3 47	0 42	22 9
T 12	17 37	18 45	1 39	15 55	0 41	1 55	0 3	21 22	0 23	18 15	1 14	15 40	1 7	3 48	0 42	22 9
F 13	17 53	13 36	0 31	16 29	0 34	2 7	0n 5	21 30	0 24	18 13	1 14	15 40	1 7	3 50	0 42	22 9
S 14	18 9	8 0	0n37	17 3	0 28	2 20	0 12	21 38	0 24	18 12	1 14	15 39	1 7	3 51	0 42	22 9
S 15	18 24	2 14	1 41	17 36	0 21	2 34	0 19	21 46	0 25	18 10	1 14	15 38	1 7	3 52	0 42	22 9
M 16	18 39	3n31	2 40	18 7	0 14	2 47	0 26	21 54	0 25	18 8	1 14	15 38	1 7	3 53	0 42	22 9
T 17	18 54	9 3	3 30	18 38	0 7	3 2	0 33	22 1	0 26	18 6	1 14	15 37	1 7	3 54	0 42	22 9
W 18	19 8	14 12	4 10	19 8	0 0	3 16	0 39	22 8	0 26	18 4	1 14	15 36	1 7	3 55	0 42	22 9
T 19	19 22	18 47	4 39	19 37	0s 6	3 31	0 46	22 15	0 27	18 3	1 13	15 35	1 7	3 56	0 42	22 9
F 20	19 36	22 36	4 55	20 5	0 13	3 47	0 52	22 22	0 28	18 1	1 13	15 34	1 7	3 58	0 42	22 9
S 21	19 49	25 29	4 59	20 32	0 20	4 3	0 58	22 29	0 28	17 59	1 13	15 33	1 7	3 59	0 42	22 9
S 22	20 2	27 15	4 49	20 58	0 26	4 19	1 4	22 35	0 29	17 57	1 13	15 33	1 7	4 0	0 42	22 9
M 23	20 15	27 45	4 27	21 22	0 33	4 35	1 9	22 42	0 29	17 55	1 13	15 32	1 7	4 1	0 42	22 9
T 24	20 27	26 58	3 53	21 46	0 39	4 52	1 15	22 48	0 30	17 54	1 13	15 31	1 7	4 2	0 42	22 9
W 25	20 39	24 55	3 8	22 9	0 46	5 9	1 20	22 53	0 30	17 52	1 13	15 30	1 7	4 3	0 42	22 9
T 26	20 51	21 42	2 14	22 30	0 52	5 26	1 25	22 59	0 31	17 50	1 13	15 29	1 7	4 4	0 42	22 9
F 27	21 2	17 28	1 13	22 51	0 58	5 44	1 30	23 4	0 31	17 48	1 12	15 27	1 7	4 5	0 42	22 9
S 28	21 12	12 22	0 7	23 10	1 4	6 2	1 35	23 10	0 32	17 47	1 12	15 26	1 7	4 6	0 42	22 9
S 29	21 23	6 37	1s 1	23 28	1 10	6 20	1 39	23 14	0 32	17 45	1 12	15 25	1 7	4 7	0 42	22 9
M 30	21s33	0n24	2s 8	23s45	1s16	6s38	1n44	23s19	0s33	17n43	1s12	15s24	1s 7	4s 8	0n42	22s 9

Julian Day Number = 2685604.5, Delta T = 22m57s

Ecliptic obliquity = 23°21'30", Nutation = 0°00'07"

Ayanamsha: Fagan/Bradley = 33°42'15", Lahiri = 32°49'15"

## ASTRODIENST EPHEMERIS for the year 2640

DECEMBER 2640

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 40 45	8♂51'54	7♂55	16♂17	22♂12	18♂13	24°R36	21♂22	12♂10	2♂16	23°R10	28°R54	29♂13	1♂20	14♂16	T 1
W 2	4 44 41	9°52'28	22°16	17°49	23°13	18°56	24♂28	21°26	12°13	2°18	23°II 9	28♂48	29° 9	1°27	14°22	W 2
T 3	4 48 38	10°53'04	7♂16	19°22	24°14	19°40	24°20	21°30	12°15	2°21	23° 8	28°40	29° 6	1°33	14°27	T 3
F 4	4 52 34	11°53'42	22°12	20°55	25°15	20°23	24°13	21°33	12°17	2°23	23° 6	28°30	29° 3	1°40	14°33	F 4
S 5	4 56 31	12°54'21	7♂31	22°27	26°17	21° 7	24° 6	21°37	12°20	2°25	23° 5	28°19	29° 0	1°47	14°39	S 5
S 6	5 0 28	13°55'02	22°50	23°59	27°20	21°51	23°58	21°41	12°22	2°27	23° 4	28° 8	28°57	1°54	14°44	S 6
M 7	5 4 24	14°55'44	7♂56	25°31	28°22	22°35	23°51	21°45	12°24	2°29	23° 3	27°59	28°54	2° 0	14°50	M 7
T 8	5 8 21	15°56'27	22°41	27° 3	29°25	23°18	23°44	21°50	12°26	2°31	23° 2	27°52	28°50	2° 7	14°56	T 8
W 9	5 12 17	16°57'11	6♂59	28°35	0♂29	24° 2	23°37	21°54	12°29	2°34	23° 1	27°48	28°47	2°14	15° 2	W 9
T 10	5 16 14	17°57'56	20°47	0♂ 7	1°32	24°46	23°31	21°58	12°31	2°36	23° 0	27°46	28°44	2°21	15° 7	T 10
F 11	5 20 10	18°58'42	4♂ 6	1°38	2°36	25°30	23°24	22° 3	12°33	2°38	22°59	27°D46	28°41	2°27	15°13	F 11
S 12	5 24 7	19°59'29	16°59	3° 9	3°41	26°14	23°17	22° 7	12°35	2°40	22°57	27°R46	28°38	2°34	15°19	S 12
S 13	5 28 3	21° 0'17	29°31	4°40	4°45	26°59	23°11	22°12	12°37	2°42	22°56	27°46	28°35	2°41	15°25	S 13
M14	5 32 0	22° 1'05	11°Y47	6°11	5°50	27°43	23° 5	22°16	12°39	2°45	22°55	27°44	28°31	2°47	15°31	M14
T 15	5 35 57	23° 1'55	23°51	7°41	6°56	28°27	22°59	22°21	12°40	2°47	22°54	27°40	28°28	2°54	15°37	T 15
W16	5 39 53	24° 2'45	5♂47	9°11	8° 1	29°11	22°53	22°26	12°42	2°49	22°53	27°32	28°25	3° 1	15°43	W16
T 17	5 43 50	25° 3'36	17°39	10°40	9° 7	29°56	22°47	22°31	12°44	2°51	22°52	27°23	28°22	3° 8	15°49	T 17
F 18	5 47 46	26° 4'28	27°31	12° 9	10°13	0♂40	22°41	22°36	12°46	2°54	22°50	27°11	28°19	3°14	15°55	F 18
S 19	5 51 43	27° 5'21	11°II24	13°38	11°19	1°24	22°36	22°41	12°47	2°56	22°49	26°59	28°15	3°21	16° 1	S 19
S 20	5 55 39	28° 6'15	23°21	15° 5	12°26	2° 9	22°31	22°46	12°49	2°58	22°48	26°47	28°12	3°28	16° 7	S 20
M21	5 59 36	29° 7'10	5♂21	16°32	13°32	2°53	22°26	22°51	12°50	3° 0	22°47	26°36	28° 9	3°34	16°13	M21
T 22	6 3 33	0♂ 8'06	17°27	17°58	14°39	3°38	22°21	22°56	12°52	3° 3	22°46	26°28	28° 6	3°41	16°19	T 22
W23	6 7 29	1° 9'02	29°40	19°22	15°47	4°23	22°16	23° 1	12°53	3° 5	22°45	26°21	28° 3	3°48	16°25	W23
T 24	6 11 26	2°10'00	12♂ 2	20°46	16°54	5° 7	22°11	23° 7	12°55	3° 7	22°44	26°18	28° 0	3°55	16°31	T 24
F 25	6 15 22	3°10'58	24°34	22° 7	18° 2	5°52	22° 7	23°12	12°56	3° 9	22°43	26°D17	27°56	4° 1	16°38	F 25
S 26	6 19 19	4°11'57	7♂19	23°27	19°10	6°37	22° 3	23°17	12°57	3°12	22°41	26°17	27°53	4° 8	16°44	S 26
S 27	6 23 15	5°12'58	20°21	24°44	20°18	7°22	21°59	23°23	12°59	3°14	22°40	26°18	27°50	4°15	16°50	S 27
M28	6 27 12	6°13'59	3♂43	25°59	21°26	8° 6	21°55	23°28	13° 0	3°16	22°39	26°R19	27°47	4°22	16°56	M28
T 29	6 31 8	7°15'01	17°26	27°10	22°34	8°51	21°51	23°34	13° 1	3°18	22°38	26°19	27°44	4°28	17° 2	T 29
W30	6 35 5	8°16'04	1♂33	28°18	23°43	9°36	21°48	23°40	13° 2	3°21	22°37	26°16	27°41	4°35	17° 9	W30
T 31	6 39 2	9♂17'08	16♂ 2	29♂22	24♂52	10♂21	21♂44	23♂46	13♂ 3	3♂23	22°II36	26♂12	27♂37	4°II42	17♂15	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	21s42	6s 3	3s10	24s 0	1s21	6s57	1n48	23s24	0s34	17n42	1s12	15s23	1s 7	4s 9	0n42	T 1
W 2	21 51	12 23	4 2	24 15	1 27	7 15	1 52	23 28	0 34	17 40	1 12	15 22	1 7	4 10	0 42	W 2
T 3	22 0	18 14	4 40	24 28	1 32	7 34	1 56	23 32	0 35	17 38	1 11	15 20	1 7	4 11	0 42	T 3
F 4	22 8	23 4	4 59	24 40	1 37	7 53	1 59	23 36	0 35	17 37	1 11	15 19	1 6	4 12	0 42	F 4
S 5	22 16	26 22	4 57	24 50	1 42	8 12	2 3	23 39	0 36	17 35	1 11	15 18	1 6	4 13	0 42	S 5
S 6	22 24	27 43	4 34	25 0	1 47	8 32	2 6	23 43	0 36	17 33	1 11	15 17	1 6	4 13	0 42	S 6
M 7	22 31	26 58	3 51	25 8	1 51	8 51	2 9	23 46	0 37	17 32	1 11	15 15	1 6	4 14	0 42	M 7
T 8	22 37	24 19	2 54	25 15	1 55	9 10	2 12	23 48	0 37	17 30	1 11	15 14	1 6	4 15	0 42	T 8
W 9	22 43	20 12	1 48	25 20	1 59	9 30	2 15	23 51	0 38	17 29	1 10	15 12	1 6	4 16	0 42	W 9
T 10	22 49	15 6	0 37	25 24	2 3	9 49	2 17	23 53	0 38	17 27	1 10	15 11	1 6	4 17	0 42	T 10
F 11	22 54	9 27	0n34	25 27	2 6	10 9	2 20	23 56	0 39	17 26	1 10	15 10	1 6	4 17	0 42	F 11
S 12	22 59	3 35	1 40	25 28	2 9	10 28	2 22	23 57	0 39	17 25	1 10	15 8	1 6	4 18	0 42	S 12
S 13	23 3	2n16	2 40	25 28	2 12	10 48	2 24	23 59	0 40	17 23	1 9	15 7	1 6	4 19	0 42	S 13
M14	23 7	7 53	3 31	25 27	2 14	11 7	2 26	24 0	0 40	17 22	1 9	15 5	1 6	4 20	0 42	M14
T 15	23 11	13 8	4 12	25 24	2 16	11 27	2 28	24 2	0 41	17 21	1 9	15 4	1 6	4 20	0 42	T 15
W16	23 13	17 50	4 42	25 20	2 17	11 46	2 30	24 2	0 41	17 19	1 9	15 2	1 6	4 21	0 43	W16
T 17	23 16	21 49	4 59	25 14	2 19	12 5	2 32	24 3	0 42	17 18	1 8	15 0	1 6	4 22	0 43	T 17
F 18	23 18	24 54	5 3	25 7	2 19	12 25	2 33	24 3	0 42	17 17	1 8	14 59	1 6	4 22	0 43	F 18
S 19	23 20	26 55	4 54	24 59	2 20	12 44	2 34	24 4	0 43	17 16	1 8	14 57	1 6	4 23	0 43	S 19
S 20	23 21	27 43	4 32	24 49	2 19	13 3	2 35	24 3	0 43	17 15	1 8	14 55	1 6	4 23	0 43	S 20
M21	23 21	27 12	3 57	24 38	2 19	13 22	2 36	24 3	0 43	17 14	1 8	14 54	1 6	4 24	0 43	M21
T 22	23 21	25 24	3 12	24 25	2 17	13 41	2 37	24 2	0 44	17 13	1 7	14 52	1 6	4 25	0 43	T 22
W23	23 21	22 24	2 18	24 12	2 15	13 59	2 38	24 2	0 44	17 12	1 7	14 50	1 6	4 25	0 43	W23
T 24	23 20	18 20	1 16	23 57	2 13	14 18	2 38	24 0	0 45	17 11	1 7	14 48	1 6	4 26	0 43	T 24
F 25	23 19	13 26	0 9	23 41	2 9	14 36	2 39	23 59	0 45	17 10	1 6	14 47	1 6	4 26	0 43	F 25
S 26	23 17	7 53	0s59	23 23	2 5	14 54	2 39	23 57	0 46	17 9	1 6	14 45	1 6	4 26	0 43	S 26
S 27	23 15	1 53	2 6	23 5	2 1	15 12	2 39	23 55	0 46	17 8	1 6	14 43	1 6	4 27	0 43	S 27
M28	23 13	4s20	3 7	22 46	1 55	15 30	2 39	23 53	0 47	17 7	1 6	14 41	1 6	4 27	0 43	M28
T 29	23 10	10 31	4 0	22 26	1 49	15 47	2 39	23 51	0 47	17 7	1 5	14 39	1 6	4 28	0 43	T 29
W30	23 6	16 21	4 40	22 5	1 41	16 4	2 39	23 48	0 48	17 6	1 5	14 37	1 6	4 28	0 43	W30
T 31	23s 2	21s25	5s 3	21s43	1s33	16s21	2n39	23s45	0s48	17n 6	1s 5	14s36	1s 6	4s28	0n43	T 31

Julian Day Number = 2685634.5, Delta T = 22m57s

Ecliptic obliquity = 23°21'29", Nutation = 0°00'08"

Ayanamsha: Fagan/Bradley = 33°42'20", Lahiri = 32°49'19"

## ASTRODIENST EPHEMERIS for the year 2641

JANUARY 2641

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	6 42 58	10♌18'13	0♌49	0♌21	26♌1	11♌6	21°R41	23♌51	13♌4	3♌25	22°R35	26°R 6	27♌34	4♌48	17♌21	F 1
S 2	6 46 55	11°19'19	15°50	1°14	27°10	11°52	21♌38	23°57	13° 5	3°28	22♌34	25♌59	27°31	4°55	17°27	S 2
S 3	6 50 51	12°20'25	0♌54	2° 2	28°19	12°37	21°36	24° 3	13° 6	3°30	22°33	25°51	27°28	5° 2	17°33	S 3
M 4	6 54 48	13°21'32	15°52	2°41	29°29	13°22	21°33	24° 9	13° 7	3°32	22°32	25°45	27°25	5° 9	17°40	M 4
T 5	6 58 44	14°22'39	0♌34	3°13	0♌38	14° 7	21°31	24°15	13° 7	3°34	22°30	25°41	27°21	5°15	17°46	T 5
W 6	7 2 41	15°23'47	14°55	3°36	1°48	14°53	21°29	24°21	13° 8	3°36	22°29	25°39	27°18	5°22	17°52	W 6
T 7	7 6 37	16°24'54	28°49	3°49	2°58	15°38	21°27	24°27	13° 9	3°39	22°28	25°D38	27°15	5°29	17°58	T 7
F 8	7 10 34	17°26'02	12♌16	3°R51	4° 8	16°23	21°25	24°34	13° 9	3°41	22°27	25°39	27°12	5°36	18° 5	F 8
S 9	7 14 31	18°27'09	25°17	3°42	5°18	17° 9	21°24	24°40	13°10	3°43	22°26	25°41	27° 9	5°42	18°11	S 9
S 10	7 18 27	19°28'16	7♌55	3°21	6°28	17°54	21°23	24°46	13°10	3°45	22°25	25°42	27° 6	5°49	18°17	S 10
M11	7 22 24	20°29'23	20°14	2°49	7°39	18°40	21°22	24°52	13°10	3°48	22°24	25°R43	27° 2	5°56	18°23	M11
T 12	7 26 20	21°30'31	2♌19	2° 4	8°49	19°25	21°21	24°59	13°11	3°50	22°23	25°42	26°59	6° 2	18°30	T 12
W13	7 30 17	22°31'38	14°16	1° 9	10° 0	20°11	21°20	25° 5	13°11	3°52	22°22	25°40	26°56	6° 9	18°36	W13
T 14	7 34 13	23°32'44	26° 8	0° 5	11°10	20°57	21°20	25°12	13°11	3°54	22°21	25°36	26°53	6°16	18°42	T 14
F 15	7 38 10	24°33'51	8♌0	28♌53	12°21	21°42	21°D20	25°18	13°11	3°56	22°20	25°31	26°50	6°23	18°48	F 15
S 16	7 42 6	25°34'57	19°54	27°35	13°32	22°28	21°20	25°25	13°12	3°58	22°19	25°26	26°47	6°29	18°55	S 16
S 17	7 46 3	26°36'04	1♌55	26°15	14°43	23°14	21°20	25°31	13°R12	4° 1	22°19	25°20	26°43	6°36	19° 1	S 17
M18	7 50 0	27°37'10	14° 3	24°54	15°54	24° 0	21°20	25°38	13°12	4° 3	22°18	25°15	26°40	6°43	19° 7	M18
T 19	7 53 56	28°38'16	26°21	23°36	17° 5	24°46	21°21	25°45	13°12	4° 5	22°17	25°11	26°37	6°49	19°13	T 19
W20	7 57 53	29°39'21	8♌49	22°22	18°17	25°32	21°22	25°51	13°11	4° 7	22°16	25° 9	26°34	6°56	19°19	W20
T 21	8 1 49	0♌40'27	21°28	21°15	19°28	26°17	21°23	25°58	13°11	4° 9	22°15	25°D 8	26°31	7° 3	19°25	T 21
F 22	8 5 46	1°41'32	4♌19	20°16	20°40	27° 3	21°24	26° 5	13°11	4°11	22°14	25° 8	26°27	7°10	19°32	F 22
S 23	8 9 42	2°42'37	17°22	19°26	21°51	27°49	21°26	26°12	13°11	4°13	22°13	25° 9	26°24	7°16	19°38	S 23
S 24	8 13 39	3°43'42	0♌39	18°45	23° 3	28°36	21°27	26°18	13°10	4°15	22°12	25°11	26°21	7°23	19°44	S 24
M25	8 17 36	4°44'46	14° 9	18°14	24°15	29°22	21°29	26°25	13°10	4°17	22°12	25°12	26°18	7°30	19°50	M25
T 26	8 21 32	5°45'51	27°54	17°53	25°26	0♌8	21°31	26°32	13°10	4°19	22°11	25°13	26°15	7°37	19°56	T 26
W27	8 25 29	6°46'56	11♌54	17°41	26°38	0°54	21°34	26°39	13° 9	4°21	22°10	25°R13	26°12	7°43	20° 2	W27
T 28	8 29 25	7°48'00	26° 7	17°D38	27°50	1°40	21°36	26°46	13° 8	4°23	22° 9	25°12	26° 8	7°50	20° 8	T 28
F 29	8 33 22	8°49'05	10♌33	17°43	29° 2	2°26	21°39	26°53	13° 8	4°25	22° 9	25°11	26° 5	7°57	20°14	F 29
S 30	8 37 18	9°50'09	25° 6	17°56	0♌14	3°13	21°42	27° 0	13° 7	4°27	22° 8	25° 9	26° 2	8° 3	20°20	S 30
S 31	8 41 15	10♌51'13	9♌42	18♌16	1♌27	3♌59	21♌45	27♌7	13♌6	4♌29	22♌7	25♌7	25♌59	8♌10	20♌26	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	22s58	25s15	5s 7	21s22	1s23	16s38	2n38	23s42	0s48	17n 5	1s 5	14s34	1s 6	4s29	0n43	22s 8	1n11	12n42	10s28	12s47	12s17	26n 2	16s 5	6n13			
S 2	22 53	27 25	4 50	21 0	1 13	16 54	2 38	23 39	0 49	17 5	1 4	14 32	1 6	4 29	0 43	22 8	1 11	12 42	10 28	12 49	12 18	26 4	16 4	6 13			
S 3	22 47	27 34	4 13	20 38	1 1	17 10	2 37	23 35	0 49	17 4	1 4	14 30	1 6	4 29	0 43	22 8	1 11	12 42	10 28	12 51	12 19	26 5	16 3	6 13			
M 4	22 41	25 42	3 18	20 16	0 48	17 25	2 36	23 31	0 50	17 4	1 4	14 28	1 6	4 30	0 43	22 8	1 11	12 42	10 28	12 53	12 20	26 6	16 2	6 13			
T 5	22 35	22 6	2 12	19 55	0 34	17 41	2 36	23 27	0 50	17 4	1 3	14 26	1 6	4 30	0 43	22 8	1 11	12 42	10 27	12 55	12 21	26 7	16 2	6 13			
W 6	22 28	17 14	0 58	19 35	0 19	17 56	2 35	23 22	0 51	17 3	1 3	14 24	1 6	4 30	0 43	22 7	1 11	12 42	10 27	12 56	12 22	26 8	16 1	6 13			
T 7	22 21	11 35	0n17	19 16	0 2	18 10	2 34	23 17	0 51	17 3	1 3	14 22	1 6	4 30	0 43	22 7	1 11	12 42	10 27	12 56	12 23	26 9	16 0	6 13			
F 8	22 14	5 34	1 29	18 59	0n15	18 24	2 32	23 12	0 51	17 3	1 3	14 20	1 6	4 31	0 43	22 7	1 11	12 43	10 27	12 56	12 24	26 10	15 59	6 13			
S 9	22 5	0n29	2 34	18 43	0 33	18 38	2 31	23 7	0 52	17 3	1 2	14 17	1 6	4 31	0 43	22 7	1 11	12 43	10 27	12 55	12 25	26 11	15 58	6 13			
S 10	21 57	6 20	3 30	18 30	0 52	18 51	2 30	23 2	0 52	17 3	1 2	14 15	1 6	4 31	0 43	22 7	1 11	12 43	10 27	12 55	12 26	26 13	15 57	6 13			
M11	21 48	11 48	4 14	18 18	1 11	19 4	2 28	22 56	0 53	17 3	1 2	14 13	1 6	4 31	0 43	22 7	1 11	12 43	10 27	12 54	12 27	26 14	15 57	6 13			
T 12	21 39	16 43	4 46	18 9	1 31	19 17	2 27	22 50	0 53	17 3	1 1	14 11	1 6	4 31	0 44	22 7	1 11	12 43	10 26	12 55	12 28	26 15	15 56	6 13			
W13	21 29	20 55	5 6	18 3	1 50	19 29	2 25	22 44	0 53	17 3	1 1	14 9	1 6	4 31	0 44	22 7	1 11	12 43	10 26	12 55	12 30	26 16	15 55	6 13			
T 14	21 19	24 16	5 12	17 59	2 8	19 41	2 23	22 37	0 54	17 3	1 1	14 7	1 6	4 31	0 44	22 7	1 11	12 43	10 26	12 57	12 31	26 17	15 54	6 13			
F 15	21 8	26 34	5 4	17 57	2 25	19 52	2 21	22 30	0 54	17 3	1 1	14 5	1 6	4 31	0 44	22 7	1 11	12 43	10 26	12 58	12 32	26 18	15 53	6 13			
S 16	20 57	27 42	4 44	17 57	2 40	20 2	2 19	22 23	0 54	17 4	1 0	14 2	1 6	4 31	0 44	22 7	1 11	12 43	10 26	13 0	12 33	26 19	15 52	6 13			
S 17	20 46	27 32	4 11	18 0	2 53	20 13	2 17	22 16	0 55	17 4	1 0	14 0	1 6	4 31	0 44	22 7	1 11	12 43	10 26	13 2	12 34	26 20	15 51	6 13			
M18	20 34	26 2	3 26	18 3	3 4	20 22	2 15	22 9	0 55	17 4	1 0	13 58	1 6	4 31	0 44	22 7	1 11	12 44	10 25	13 4	12 35	26 21	15 50	6 13			
T 19	20 22	23 17	2 31	18 9	3 12	20 31	2 13	22 1	0 56	17 5	0 59	13 56	1 6	4 31	0 44	22 7	1 11	12 44	10 25	13 5	12 36	26 22	15 49	6 13			
W20	20 9	19 25	1 28	18 15	3 18	20 40	2 11	21 53	0 56	17 5	0 59	13 54	1 6	4 31	0 44	22 6	1 11	12 44	10 25	13 6	12 37	26 23	15 48	6 14			
T 21	19 56	14 37	0 20	18 22	3 21	20 48	2 9	21 45	0 56	17 6	0 59	13 51	1 6	4 31	0 44	22 6	1 11	12 44	10 25	13 6	12 38	26 24	15 47	6 14			
F 22	19 43	9 7	0s50	18 30	3 22	20 56	2 6	21 36	0 57	17 6	0 59	13 49	1 6	4 31	0 44	22 6	1 11	12 44	10 25	13 6	12 39	26 25	15 46	6 14			
S 23	19 29	3 8	1 59	18 39	3 21	21 3	2 4	21 27	0 57	17 7	0 58	13 47	1 6	4 31	0 44	22 6	1 11	12 44	10 25	13 6	12 40	26 26	15 45	6 14			
S 24	19 15	3s 4	3 3	18 47	3 18	21 9	2 1	21 18	0 57	17 8	0 58	13 45	1 6	4 31	0 44	22 6	1 11	12 44	10 24	13 5	12 41	26 27	15 44	6 14			
M25	19 1	9 13	3 58	18 56	3 13	21 15	1 59	21 9	0 58	17 9	0 58	13 42	1 6	4 30	0 44	22 6	1 11	12 45	10 24	13 5	12 43	26 28	15 43	6 14			
T 26	18 46	15 3	4 40	19 5	3 7	21 21	1 56	21 0	0 58	17 9	0 57	13 40	1 6	4 30	0 44	22 6	1 11	12 45	10 24	13 4	12 44	26 29	15 42	6 14			
W27	18 31	20 13	5 7	19 14	2 59	21 25	1 54	20 50	0 58	17 10	0 57	13 38	1 6	4 30	0 44	22 6	1 11	12 45	10 24	13 4	12 45	26 30	15 41	6 15			
T 28	18 15	24 19	5 15	19 23	2 51	21 30	1 51	20 40	0 59	17 11	0 57	13 35	1 6	4 30	0 44	22 6	1 11	12 45	10 24	13 5	12 46	26 31	15 40	6 15			
F 29	18 0	26 58	5 4	19 31	2 42	21 33	1 48	20 30	0 59	17 12	0 57	13 33	1 6	4 29	0 44	22 6	1 11	12 45	10 23	13 5	12 47	26 32	15 39	6 15			
S 30	17 43	27 49	4 34	19 39	2 32	21 36	1 45	20 20	0 59	17 13	0 56	13 31	1 6	4 29	0 44	22 6	1 11	12 45	10 23	13 6	12 48	26 33	15 38	6 15			
S 31	17s27	26s45	3s45	19s46	2n22	21s39	1n42	20s 9	1s 0	17n14	0s56	13s28	1s 6	4s29	0n44	22s 6	1n11	12n46	10s23	13s 6	12s49	26n34	15s37	6n13			

## ASTRODIENST EPHEMERIS for the year 2641

FEBRUARY 2641

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	8 45 11	11°52'16	24°31'4	18°34'2	2°33'9	4°44'5	21°54'8	27°14'1	13°R 6	4°33'1	22°R 6	25°R 5	25°56'6	8°11'7	20°33'2	M 1
T 2	8 49 8	12°53'19	8°33'7	19°15'	3°51'	5°32'	21°51'	27°21'	13°A 5	4°33'	22°II 6	25°A 4	25°53'	8°24'	20°38'	T 2
W 3	8 53 5	13°54'21	22°45'	19°52'	5° 3'	6°18'	21°55'	27°28'	13° 4	4°35'	22° 5	25°D 4	25°49'	8°30'	20°44'	W 3
T 4	8 57 1	14°55'22	6°33'3	20°35'	6°16'	7° 5'	21°59'	27°35'	13° 3	4°36'	22° 4	25° 4	25°46'	8°37'	20°50'	T 4
F 5	9 0 58	15°56'23	19°59'	21°21'	7°28'	7°51'	22° 3	27°42'	13° 2	4°38'	22° 4	25° 5	25°43'	8°44'	20°55'	F 5
S 6	9 4 54	16°57'22	3°V 2	22°12'	8°41'	8°38'	22° 7	27°49'	13° 1	4°40'	22° 3	25° 5	25°40'	8°50'	21° 1	S 6
S 7	9 8 51	17°58'20	15°45'	23° 6'	9°53'	9°24'	22°12'	27°56'	13° 0	4°42'	22° 3	25° 6	25°37'	8°57'	21° 7	S 7
M 8	9 12 47	18°59'17	28° 8'	24° 4'	11° 6'	10°11'	22°16'	28° 3	12°59'	4°44'	22° 2	25° 7	25°33'	9° 4	21°13'	M 8
T 9	9 16 44	20° 0'14	10°B 18	25° 4	12°19'	10°57'	22°21'	28°11'	12°57'	4°45'	22° 1	25° 7	25°30'	9°11'	21°18'	T 9
W10	9 20 40	21° 1'09	22°16'	26° 7	13°31'	11°44'	22°26'	28°18'	12°56'	4°47'	22° 1	25°R 7	25°27'	9°17'	21°24'	W10
T 11	9 24 37	22° 2'02	4°II 10	27°13'	14°44'	12°31'	22°31'	28°25'	12°55'	4°49'	22° 0	25° 7	25°24'	9°24'	21°30'	T 11
F 12	9 28 34	23° 2'55	16° 2	28°21'	15°57'	13°17'	22°36'	28°32'	12°54'	4°50'	22° 0	25° 7	25°21'	9°31'	21°35'	F 12
S 13	9 32 30	24° 3'46	27°57'	29°31'	17°10'	14° 4	22°42'	28°39'	12°52'	4°52'	21°59'	25° 7	25°18'	9°37'	21°41'	S 13
S 14	9 36 27	25° 4'36	10°C 1	0°44'2	18°23'	14°51'	22°48'	28°46'	12°51'	4°54'	21°59'	25°D 7	25°14'	9°44'	21°46'	S 14
M15	9 40 23	26° 5'25	22°15'	1°56'	19°35'	15°37'	22°53'	28°54'	12°49'	4°55'	21°59'	25° 7	25°11'	9°51'	21°52'	M15
T 16	9 44 20	27° 6'13	4°Q 43	3°11'	20°48'	16°24'	22°59'	29° 1	12°48'	4°57'	21°58'	25° 7	25° 8	9°58'	21°57'	T 16
W17	9 48 16	28° 6'59	17°26'	4°28'	22° 1	17°11'	23° 6	29° 8	12°46'	4°58'	21°58'	25° 7	25° 5	10° 4	22° 2	W17
T 18	9 52 13	29° 7'44	0°M 25	5°46'	23°14'	17°58'	23°12'	29°15'	12°45'	5° 0	21°57'	25°R 7	25° 2	10°11'	22° 8	T 18
F 19	9 56 9	0°H 828	13°39'	7° 5	24°27'	18°45'	23°19'	29°22'	12°43'	5° 1	21°57'	25° 7	24°59'	10°18'	22°13'	F 19
S 20	10 0 6	1° 9'10	27° 9	8°26'	25°41'	19°31'	23°25'	29°29'	12°41'	5° 3	21°57'	25° 6	24°55'	10°25'	22°18'	S 20
S 21	10 4 3	2° 9'51	10°L 51	9°48'	26°54'	20°18'	23°32'	29°37'	12°39'	5° 4	21°56'	25° 6	24°52'	10°31'	22°24'	S 21
M22	10 7 59	3°10'32	24°44'	11°11'	28° 7	21° 5	23°39'	29°44'	12°38'	5° 6	21°56'	25° 5	24°49'	10°38'	22°29'	M22
T 23	10 11 56	4°11'11	8°M 45	12°36'	29°20'	21°52'	23°46'	29°51'	12°36'	5° 7	21°56'	25° 4	24°46'	10°45'	22°34'	T 23
W24	10 15 52	5°11'49	22°52'	14° 1	0°44'3	22°39'	23°53'	29°58'	12°34'	5° 8	21°56'	25° 3	24°43'	10°51'	22°39'	W24
T 25	10 19 49	6°12'26	7°J 2	15°28'	1°46'	23°26'	24° 1	0°H 5	12°32'	5°10'	21°55'	25°D 3	24°39'	10°58'	22°44'	T 25
F 26	10 23 45	7°13'03	21°14	16°55'	3° 0	24°13'	24° 9	0°13	12°30'	5°11'	21°55'	25° 3	24°36'	11° 5	22°49'	F 26
S 27	10 27 42	8°13'38	5°Z 26	18°24'	4°13'	25° 0	24°16'	0°20	12°28'	5°12'	21°55'	25° 4	24°33'	11°12'	22°54'	S 27
S 28	10 31 38	9°H 14'12	19°Z 34	19°53'	5°44'2	25°47'	24°B 24	0°H 27	12°26'	5°Z 14	21°II 55	25°A 5	24°A 30	11°II 18	22°Z 59	S 28

Day	☉	☾	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	17s10	23s51	2s42	19s53	2n12	21s41	1n39	19s59	1s 0	17n15	0s56	13s26	1s 6	4s28	0n44	22s 6	1n11	12n46	10s23	13s 7	12s50	26n34	15s36	6n16
T 2	16 53	19 29	1 30	19 59	2 1	21 42	1 36	19 48	1 0	17 16	0 56	13 23	1 6	4 28	0 44	22 5	1 11	12 46	10 23	13 7	12 51	26 35	15 35	6 16
W 3	16 36	14 5	0 13	20 4	1 51	21 42	1 33	19 37	1 0	17 18	0 55	13 21	1 6	4 28	0 44	22 5	1 11	12 46	10 22	13 7	12 52	26 36	15 34	6 16
T 4	16 18	8 6	1n 3	20 8	1 40	21 42	1 30	19 25	1 1	17 19	0 55	13 19	1 6	4 27	0 44	22 5	1 11	12 46	10 22	13 7	12 53	26 37	15 33	6 16
F 5	16 0	1 54	2 14	20 12	1 30	21 42	1 27	19 13	1 1	17 20	0 55	13 16	1 6	4 27	0 44	22 5	1 11	12 46	10 22	13 7	12 54	26 38	15 32	6 17
S 6	15 42	4n11	3 15	20 14	1 19	21 40	1 24	19 2	1 1	17 22	0 54	13 14	1 6	4 26	0 44	22 5	1 11	12 47	10 22	13 7	12 55	26 39	15 31	6 17
S 7	15 24	9 57	4 5	20 16	1 8	21 39	1 21	18 50	1 1	17 23	0 54	13 11	1 7	4 26	0 44	22 5	1 11	12 47	10 21	13 7	12 56	26 40	15 30	6 17
M 8	15 5	15 10	4 43	20 16	0 58	21 36	1 18	18 37	1 2	17 24	0 54	13 9	1 7	4 26	0 44	22 5	1 11	12 47	10 21	13 6	12 57	26 41	15 28	6 17
T 9	14 46	19 42	5 7	20 16	0 48	21 33	1 15	18 25	1 2	17 26	0 54	13 7	1 7	4 25	0 44	22 5	1 12	12 47	10 21	13 6	12 59	26 41	15 27	6 18
W10	14 27	23 22	5 17	20 14	0 38	21 29	1 12	18 12	1 2	17 27	0 53	13 4	1 7	4 25	0 45	22 5	1 12	12 47	10 21	13 6	13 0	26 42	15 26	6 18
T 11	14 7	26 2	5 13	20 11	0 28	21 25	1 8	18 0	1 2	17 29	0 53	13 2	1 7	4 24	0 45	22 5	1 12	12 48	10 21	13 6	13 1	26 43	15 25	6 18
F 12	13 47	27 32	4 56	20 7	0 19	21 20	1 5	17 47	1 3	17 31	0 53	12 59	1 7	4 23	0 45	22 5	1 12	12 48	10 20	13 6	13 2	26 44	15 24	6 19
S 13	13 27	27 47	4 27	20 2	0 9	21 14	1 2	17 33	1 3	17 32	0 53	12 57	1 7	4 23	0 45	22 5	1 12	12 48	10 20	13 6	13 3	26 45	15 23	6 19
S 14	13 7	26 43	3 45	19 56	0 0	21 8	0 59	17 20	1 3	17 34	0 52	12 54	1 7	4 22	0 45	22 5	1 12	12 48	10 20	13 6	13 4	26 46	15 22	6 19
M15	12 47	24 22	2 52	19 48	0s 9	21 1	0 55	17 6	1 3	17 36	0 52	12 52	1 7	4 22	0 45	22 4	1 12	12 48	10 20	13 6	13 5	26 46	15 21	6 20
T 16	12 26	20 49	1 51	19 40	0 17	20 54	0 52	16 53	1 4	17 37	0 52	12 50	1 7	4 21	0 45	22 4	1 12	12 49	10 19	13 6	13 6	26 47	15 19	6 20
W17	12 5	16 14	0 43	19 30	0 26	20 46	0 49	16 39	1 4	17 39	0 52	12 47	1 7	4 20	0 45	22 4	1 12	12 49	10 19	13 6	13 7	26 48	15 18	6 20
T 18	11 44	10 50	0s29	19 19	0 34	20 37	0 45	16 25	1 4	17 41	0 51	12 45	1 7	4 20	0 45	22 4	1 12	12 49	10 19	13 6	13 8	26 49	15 17	6 21
F 19	11 23	4 51	1 41	19 6	0 41	20 28	0 42	16 10	1 4	17 43	0 51	12 42	1 7	4 19	0 45	22 4	1 12	12 49	10 19	13 6	13 9	26 50	15 16	6 21
S 20	11 2	1s27	2 48	18 53	0 49	20 18	0 39	15 56	1 4	17 45	0 51	12 40	1 7	4 18	0 45	22 4	1 12	12 50	10 18	13 7	13 10	26 50	15 15	6 21
S 21	10 40	7 46	3 47	18 38	0 56	20 8	0 35	15 41	1 4	17 47	0 51	12 37	1 7	4 18	0 45	22 4	1 12	12 50	10 18	13 7	13 11	26 51	15 14	6 22
M22	10 18	13 47	4 33	18 22	1 3	19 57	0 32	15 27	1 5	17 49	0 50	12 35	1 7	4 17	0 45	22 4	1 12	12 50	10 18	13 7	13 12	26 52	15 12	6 22
T 23	9 57	19 10	5 4	18 5	1 10	19 45	0 29	15 12	1 5	17 51	0 50	12 32	1 7	4 16	0 45	22 4	1 12	12 50	10 18	13 7	13 13	26 53	15 11	6 22
W24	9 34	23 31	5 16	17 47	1 16	19 33	0 26	14 57	1 5	17 53	0 50	12 30	1 8	4 16	0 45	22 4	1 12	12 51	10 17	13 8	13 14	26 53	15 10	6 23
T 25	9 12	26 30	5 10	17 27	1 22	19 20	0 22	14 41	1 5	17 55	0 50	12 27	1 8	4 15	0 45	22 4	1 12	12 51	10 17	13 8	13 16	26 54	15 9	6 23
F 26	8 50	27 48	4 44	17 6	1 28	19 7	0 19	14 26	1 5	17 57	0 49	12 25	1 8	4 14	0 45	22 4	1 12	12 51	10 17	13 8	13 17	26 55	15 8	6 23
S 27	8 27	27 16	4 1	16 44	1 33	18 53	0 16	14 10	1 5	17 59	0 49	12 23	1 8	4 13	0 45	22 3	1 12	12 51	10 17	13 7	13 18	26 56	15 7	6 24
S 28	8s 5	24s58	3s 4	16s21	1s38	18s39	0n13	13s55	1s 6	18n 1	0s49	12s20	1s 8	4s12	0n45	22s 3	1n12	12n52	10s16	13s 7	13s19	26n56	15s 5	6n24

Julian Day Number = 2685696.5, Delta T = 22m58s

Ecliptic obliquity = 23°21'29", Nutation = 0°00'11"

Ayanamsha: Fagan/Bradley = 33°42'28", Lahiri = 32°49'28"

## ASTRODIENST EPHEMERIS for the year 2641

MARCH 2641

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	10 35 35	10°14'44"	3°36'	21°24'	6°40'	26°34'	24°32'	0°34'	12°R24	5°315	21°R55	25°6	24°27	11°25	23°3	M 1
T 2	10 39 32	11°15'16"	17°30'	22°55'	7°53'	27°21'	24°40'	0°41'	12°22	5°16	21°55	25°7	24°24	11°32	23°8	T 2
W 3	10 43 28	12°15'45"	1°12'	24°28'	9°7'	28°8'	24°49'	0°48'	12°20	5°17	21°55	25°R 7	24°20	11°38	23°13	W 3
T 4	10 47 25	13°16'14"	14°41'	26°1'	10°20'	28°55'	24°57'	0°55'	12°18	5°18	21°55	25°6	24°17	11°45	23°17	T 4
F 5	10 51 21	14°16'40"	27°54'	27°36'	11°33'	29°42'	25°6	1°2	12°16	5°19	21°54	25°4	24°14	11°52	23°22	F 5
S 6	10 55 18	15°17'05"	10°51'	29°11'	12°47'	0°29	25°15	1°10	12°13	5°20	21°D54	25°1	24°11	11°59	23°27	S 6
S 7	10 59 14	16°17'29"	23°30'	0°47'	14°0'	1°16	25°24	1°17	12°11	5°21	21°54	24°58	24°8	12°5	23°31	S 7
M 8	11 3 11	17°17'50"	5°54'	2°25'	15°14'	2°4	25°33	1°24	12°9	5°22	21°54	24°54	24°5	12°12	23°35	M 8
T 9	11 7 7	18°18'10"	18°4	4°3	16°27	2°51	25°42	1°31	12°7	5°23	21°55	24°51	24°1	12°19	23°40	T 9
W10	11 11 4	19°18'28"	0°11'	5°42'	17°41'	3°38	25°51	1°38	12°4	5°24	21°55	24°48	23°58	12°25	23°44	W10
T 11	11 15 0	20°18'44"	11°58'	7°22'	18°54'	4°25	26°0	1°45	12°2	5°25	21°55	24°47	23°55	12°32	23°48	T 11
F 12	11 18 57	21°18'58"	23°50'	9°4	20°8	5°12	26°10	1°51	11°59	5°26	21°55	24°D47	23°52	12°39	23°52	F 12
S 13	11 22 54	22°19'10"	5°45'	10°46'	21°22'	5°59	26°20	1°58	11°57	5°27	21°55	24°47	23°49	12°46	23°56	S 13
S 14	11 26 50	23°19'20"	17°48'	12°29'	22°35'	6°46	26°29	2°5	11°55	5°28	21°55	24°49	23°45	12°52	24°0	S 14
M15	11 30 47	24°19'28"	0°13'	14°14'	23°49'	7°34	26°39	2°12	11°52	5°29	21°55	24°51	23°42	12°59	24°4	M15
T 16	11 34 43	25°19'33"	12°36'	15°59'	25°2	8°21	26°49	2°19	11°50	5°29	21°55	24°52	23°39	13°6	24°8	T 16
W17	11 38 40	26°19'37"	25°28'	17°46'	26°16'	9°8	26°59	2°26	11°47	5°30	21°56	24°R53	23°36	13°12	24°12	W17
T 18	11 42 36	27°19'39"	8°42'	19°34'	27°30'	9°55	27°10	2°33	11°45	5°31	21°56	24°52	23°33	13°19	24°16	T 18
F 19	11 46 33	28°19'39"	22°17'	21°23'	28°43'	10°42	27°20	2°39	11°42	5°31	21°56	24°50	23°30	13°26	24°20	F 19
S 20	11 50 29	29°19'37"	6°13'	23°13'	29°57'	11°29	27°30	2°46	11°40	5°32	21°56	24°46	23°26	13°33	24°23	S 20
S 21	11 54 26	0°19'33"	20°24'	25°4	1°11	12°16	27°41	2°53	11°37	5°33	21°57	24°40	23°23	13°39	24°27	S 21
M22	11 58 23	1°19'27"	4°14'	26°56'	2°24	13°4	27°52	2°59	11°35	5°33	21°57	24°35	23°20	13°46	24°30	M22
T 23	12 2 19	2°19'20"	19°14'	28°49'	3°38	13°51	28°2	3°6	11°32	5°34	21°57	24°29	23°17	13°53	24°34	T 23
W24	12 6 16	3°19'11"	3°41'	0°43	4°52	14°38	28°13	3°12	11°30	5°34	21°58	24°24	23°14	13°59	24°37	W24
T 25	12 10 12	4°19'01"	18°3	2°39	6°5	15°25	28°24	3°19	11°27	5°35	21°58	24°22	23°10	14°6	24°40	T 25
F 26	12 14 9	5°18'49"	2°16'	4°35	7°19	16°12	28°35	3°26	11°24	5°35	21°59	24°D20	23°7	14°13	24°43	F 26
S 27	12 18 5	6°18'35"	16°18'	6°33	8°33	16°59	28°46	3°32	11°22	5°35	21°59	24°21	23°4	14°20	24°47	S 27
S 28	12 22 5	7°18'20"	0°9	8°31	9°46	17°47	28°57	3°38	11°19	5°36	22°0	24°22	23°1	14°26	24°50	S 28
M29	12 25 58	8°18'03"	13°48'	10°30'	11°0	18°34	29°9	3°45	11°17	5°36	22°0	24°23	22°58	14°33	24°53	M29
T 30	12 29 55	9°17'44"	27°15'	12°30'	12°14	19°21	29°20	3°51	11°14	5°36	22°1	24°R24	22°55	14°40	24°55	T 30
W31	12 33 52	10°17'24"	10°32'	14°30'	13°28	20°8	29°32	3°57	11°11	5°37	22°1	24°22	22°51	14°46	24°58	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	7s42	21s10	1s56	15s57	1s43	18s24	0n 9	13s39	1s 6	18n 3	0s49	12s18	1s 8	4s12	0n45	22s 3
T 2	7 19	16 12	0 42	15 31	1 47	18 8	0 6	13 23	1 6	18 5	0 48	12 15	1 8	4 11	0 45	22 3
W 3	6 56	10 29	0n34	15 4	1 51	17 52	0 3	13 7	1 6	18 8	0 48	12 13	1 8	4 10	0 45	22 3
T 4	6 33	4 23	1 46	14 36	1 55	17 36	0s 0	12 50	1 6	18 10	0 48	12 10	1 8	4 9	0 45	22 3
F 5	6 10	1n47	2 51	14 7	1 58	17 19	0 3	12 34	1 6	18 12	0 48	12 8	1 8	4 8	0 45	22 3
S 6	5 47	7 45	3 46	13 37	2 1	17 1	0 6	12 18	1 6	18 14	0 48	12 5	1 8	4 7	0 45	22 3
S 7	5 23	13 15	4 28	13 5	2 4	16 43	0 9	12 1	1 6	18 17	0 47	12 3	1 8	4 6	0 45	22 3
M 8	5 0	18 7	4 57	12 33	2 6	16 25	0 12	11 44	1 6	18 19	0 47	12 1	1 8	4 6	0 45	22 3
T 9	4 37	22 9	5 12	11 59	2 8	16 6	0 15	11 27	1 6	18 21	0 47	11 58	1 9	4 5	0 45	22 3
W10	4 13	25 11	5 13	11 24	2 9	15 46	0 18	11 11	1 6	18 24	0 47	11 56	1 9	4 4	0 45	22 3
T 11	3 50	27 6	5 0	10 47	2 10	15 26	0 21	10 53	1 6	18 26	0 46	11 53	1 9	4 3	0 45	22 3
F 12	3 26	27 47	4 35	10 10	2 11	15 6	0 24	10 36	1 7	18 29	0 46	11 51	1 9	4 2	0 45	22 3
S 13	3 2	27 11	3 57	9 32	2 11	14 45	0 27	10 19	1 7	18 31	0 46	11 49	1 9	4 1	0 45	22 2
S 14	2 39	25 18	3 9	8 52	2 11	14 24	0 30	10 2	1 7	18 34	0 46	11 46	1 9	4 0	0 45	22 2
M15	2 15	22 13	2 12	8 11	2 10	14 3	0 32	9 44	1 7	18 36	0 46	11 44	1 9	3 59	0 45	22 2
T 16	1 51	18 2	1 7	7 29	2 9	13 41	0 35	9 27	1 7	18 39	0 45	11 42	1 9	3 58	0 45	22 2
W17	1 27	12 56	0s 3	6 46	2 7	13 19	0 38	9 9	1 7	18 41	0 45	11 39	1 9	3 57	0 45	22 2
T 18	1 4	7 8	1 15	6 2	2 5	12 56	0 40	8 51	1 7	18 44	0 45	11 37	1 9	3 56	0 45	22 2
F 19	0 40	0 51	2 24	5 17	2 3	12 33	0 43	8 33	1 7	18 46	0 45	11 35	1 10	3 55	0 45	22 2
S 20	0 16	5s37	3 26	4 31	2 0	12 10	0 45	8 16	1 7	18 49	0 45	11 32	1 10	3 54	0 45	22 2
S 21	0n 8	11 54	4 17	3 44	1 56	11 46	0 48	7 58	1 7	18 51	0 44	11 30	1 10	3 53	0 45	22 2
M22	0 31	17 39	4 52	2 56	1 52	11 22	0 50	7 40	1 7	18 54	0 44	11 28	1 10	3 52	0 45	22 2
T 23	0 55	22 25	5 9	2 7	1 48	10 58	0 53	7 21	1 7	18 56	0 44	11 25	1 10	3 51	0 45	22 2
W24	1 19	25 50	5 6	1 17	1 42	10 33	0 55	7 3	1 7	18 59	0 44	11 23	1 10	3 50	0 45	22 2
T 25	1 43	27 32	4 44	0 26	1 37	10 8	0 57	6 45	1 7	19 2	0 44	11 21	1 10	3 49	0 45	22 2
F 26	2 6	27 25	4 5	0n26	1 31	9 43	0 59	6 27	1 6	19 4	0 44	11 19	1 10	3 48	0 45	22 2
S 27	2 30	25 32	3 12	1 18	1 24	9 17	1 1	6 8	1 6	19 7	0 43	11 16	1 11	3 47	0 45	22 2
S 28	2 53	22 8	2 8	2 11	1 17	8 51	1 3	5 50	1 6	19 9	0 43	11 14	1 11	3 46	0 45	22 2
M29	3 17	17 32	0 57	3 5	1 9	8 25	1 5	5 32	1 6	19 12	0 43	11 12	1 11	3 45	0 45	22 2
T 30	3 40	12 8	0n15	3 59	1 1	7 59	1 7	5 13	1 6	19 15	0 43	11 10	1 11	3 44	0 45	22 2
W31	4n 4	6s16	1n26	4n54	0s52	7s33	1s 9	4s54	1s 6	19n17	0s43	11s 8	1s11	3s43	0n45	22s 1

Julian Day Number = 2685724.5, Delta T = 22m58s

Ecliptic obliquity = 23°21'29", Nutation = 0°00'11"

Ayanamsha: Fagan/Bradley = 33°42'32", Lahiri = 32°49'32"

# ASTRODIENST EPHEMERIS for the year 2641

APRIL 2641

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 37 48	11°17'01	23°36	16°31	14°41	20°55	29°43	4°4	11°R 9	5°37	22°II 2	24°R19	22°48	14°II53	25°31	T 1
F 2	12 41 45	12°16'37	6°30	18°32	15°55	21°42	29°55	4°10	11°6	5°37	22°2	24°13	22°45	15°0	25°4	F 2
S 3	12 45 41	13°16'11	19°11	20°33	17°9	22°29	0°II 7	4°16	11°3	5°37	22°3	24°5	22°42	15°7	25°6	S 3
S 4	12 49 38	14°15'42	18°40	22°34	18°23	23°17	0°19	4°22	11°1	5°37	22°3	23°56	22°39	15°13	25°9	S 4
M 5	12 53 34	15°15'12	13°57	24°34	19°36	24°4	0°31	4°28	10°58	5°37	22°4	23°46	22°36	15°20	25°11	M 5
T 6	12 57 31	16°14'40	26°4	26°33	20°50	24°51	0°43	4°34	10°56	5°37	22°5	23°36	22°32	15°27	25°14	T 6
W 7	13 1 27	17°14'05	8°II 2	28°31	22°4	25°38	0°55	4°40	10°53	5°R37	22°5	23°28	22°29	15°33	25°16	W 7
T 8	13 5 24	18°13'28	19°55	0°827	23°18	26°25	1°7	4°46	10°50	5°37	22°6	23°22	22°26	15°40	25°18	T 8
F 9	13 9 21	19°12'49	18°45	2°21	24°31	27°12	1°19	4°52	10°48	5°37	22°7	23°18	22°23	15°47	25°20	F 9
S 10	13 13 17	20°12'08	13°38	4°13	25°45	27°59	1°31	4°58	10°45	5°37	22°7	23°16	22°20	15°54	25°22	S 10
S 11	13 17 14	21°11'25	25°39	6°2	26°59	28°46	1°44	5°3	10°43	5°37	22°8	23°D16	22°16	16°0	25°24	S 11
M12	13 21 10	22°10'39	7°52	7°48	28°13	29°33	1°56	5°9	10°40	5°37	22°9	23°17	22°13	16°7	25°26	M12
T 13	13 25 7	23°9'51	20°23	9°31	29°26	0°Y20	2°9	5°15	10°38	5°37	22°10	23°R17	22°10	16°14	25°28	T 13
W14	13 29 3	24°9'00	3°17	11°9	0°Y40	1°7	2°21	5°20	10°35	5°37	22°10	23°17	22°7	16°20	25°29	W14
T 15	13 33 0	25°8'08	16°36	12°43	1°54	1°54	2°34	5°26	10°33	5°36	22°11	23°15	22°4	16°27	25°31	T 15
F 16	13 36 56	26°7'13	0°22	14°12	3°8	2°41	2°47	5°31	10°30	5°36	22°12	23°10	22°1	16°34	25°32	F 16
S 17	13 40 53	27°6'16	14°35	15°37	4°21	3°28	2°59	5°36	10°28	5°36	22°13	23°3	21°57	16°40	25°34	S 17
S 18	13 44 50	28°5'17	29°8	16°56	5°35	4°15	3°12	5°42	10°25	5°35	22°14	22°54	21°54	16°47	25°35	S 18
M19	13 48 46	29°4'16	13°57	18°10	6°49	5°1	3°25	5°47	10°23	5°35	22°15	22°43	21°51	16°54	25°36	M19
T 20	13 52 43	0°8'313	28°52	19°18	8°3	5°48	3°38	5°52	10°20	5°35	22°16	22°34	21°48	17°1	25°38	T 20
W21	13 56 39	1°2'08	13°45	20°20	9°16	6°35	3°51	5°57	10°18	5°34	22°16	22°25	21°45	17°7	25°39	W21
T 22	14 0 36	2°1'02	28°26	21°17	10°30	7°22	4°4	6°2	10°16	5°34	22°17	22°19	21°42	17°14	25°40	T 22
F 23	14 4 32	2°59'54	12°52	22°7	11°44	8°9	4°17	6°7	10°13	5°33	22°18	22°15	21°38	17°21	25°41	F 23
S 24	14 8 29	3°58'44	26°59	22°52	12°58	8°55	4°30	6°12	10°11	5°33	22°19	22°14	21°35	17°27	25°42	S 24
S 25	14 12 25	4°57'33	10°46	23°30	14°11	9°42	4°43	6°17	10°9	5°32	22°20	22°D14	21°32	17°34	25°42	S 25
M26	14 16 22	5°56'20	24°14	24°1	15°25	10°29	4°57	6°22	10°6	5°32	22°21	22°R14	21°29	17°41	25°43	M26
T 27	14 20 19	6°55'05	7°26	24°27	16°39	11°15	5°10	6°27	10°4	5°31	22°22	22°13	21°26	17°48	25°44	T 27
W28	14 24 15	7°53'48	20°23	24°46	17°53	12°2	5°23	6°31	10°2	5°30	22°23	22°10	21°22	17°54	25°44	W28
T 29	14 28 12	8°52'30	3°Y 8	24°59	19°6	12°49	5°37	6°36	10°0	5°30	22°24	22°4	21°19	18°1	25°44	T 29
F 30	14 32 8	9°51'10	15°Y43	25°8	20°Y20	13°Y35	5°II50	6°40	9°57	5°37	22°II25	21°56	21°16	18°II 8	25°45	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	4n27	0s13	2n31	5n49	0s43	7s 6	1s11	4s36	1s 6	19n20	0s42	11s 6	1s11	3s42	0n45	22s 1
F 2	4 50	5n44	3 27	6 44	0 33	6 39	1 13	4 17	1 6	19 23	0 42	11 3	1 11	3 41	0 45	22 1
S 3	5 13	11 22	4 12	7 39	0 23	6 12	1 14	3 59	1 6	19 25	0 42	11 1	1 11	3 40	0 45	22 1
S 4	5 36	16 26	4 43	8 34	0 12	5 45	1 16	3 40	1 6	19 28	0 42	10 59	1 12	3 39	0 45	22 1
M 5	5 59	20 46	5 1	9 28	0 1	5 17	1 17	3 21	1 5	19 30	0 42	10 57	1 12	3 38	0 45	22 1
T 6	6 22	24 9	5 5	10 22	0n10	4 50	1 19	3 2	1 5	19 33	0 42	10 55	1 12	3 37	0 45	22 1
W 7	6 45	26 27	4 56	11 15	0 21	4 22	1 20	2 44	1 5	19 36	0 41	10 53	1 12	3 36	0 45	22 1
T 8	7 7	27 32	4 34	12 7	0 33	3 54	1 22	2 25	1 5	19 38	0 41	10 51	1 12	3 35	0 45	22 1
F 9	7 30	27 21	4 0	12 57	0 45	3 26	1 23	2 6	1 5	19 41	0 41	10 49	1 12	3 34	0 45	22 1
S 10	7 52	25 54	3 16	13 46	0 57	2 58	1 24	1 47	1 5	19 44	0 41	10 47	1 12	3 33	0 45	22 1
S 11	8 14	23 16	2 22	14 34	1 8	2 30	1 25	1 29	1 5	19 46	0 41	10 45	1 13	3 32	0 45	22 1
M12	8 36	19 33	1 22	15 19	1 20	2 2	1 26	1 10	1 4	19 49	0 41	10 43	1 13	3 31	0 45	22 1
T 13	8 58	14 53	0 16	16 3	1 31	1 33	1 27	0 51	1 4	19 52	0 41	10 41	1 13	3 30	0 45	22 1
W14	9 20	9 26	0s53	16 44	1 42	1 5	1 28	0 32	1 4	19 54	0 40	10 39	1 13	3 29	0 45	22 1
T 15	9 42	3 25	2 1	17 23	1 52	0 37	1 29	0 13	1 4	19 57	0 40	10 37	1 13	3 28	0 45	22 1
F 16	10 3	2s58	3 4	18 0	2 2	0 8	1 30	0n 5	1 4	19 59	0 40	10 36	1 13	3 27	0 45	22 1
S 17	10 24	9 23	3 58	18 34	2 12	0n20	1 31	0 24	1 3	20 2	0 40	10 34	1 13	3 26	0 45	22 1
S 18	10 46	15 27	4 37	19 5	2 20	0 49	1 31	0 43	1 3	20 5	0 40	10 32	1 14	3 25	0 45	22 1
M19	11 6	20 43	4 59	19 33	2 28	1 17	1 32	1 2	1 3	20 7	0 40	10 30	1 14	3 24	0 45	22 1
T 20	11 27	24 43	5 1	19 59	2 35	1 46	1 32	1 20	1 3	20 10	0 39	10 28	1 14	3 23	0 45	22 1
W21	11 48	27 2	4 42	20 22	2 42	2 15	1 33	1 39	1 2	20 12	0 39	10 27	1 14	3 22	0 45	22 1
T 22	12 8	27 26	4 5	20 42	2 47	2 43	1 33	1 58	1 2	20 15	0 39	10 25	1 14	3 22	0 45	22 1
F 23	12 28	25 56	3 13	20 59	2 51	3 12	1 33	2 16	1 2	20 17	0 39	10 23	1 14	3 21	0 45	22 1
S 24	12 48	22 49	2 10	21 14	2 54	3 40	1 33	2 35	1 2	20 20	0 39	10 22	1 15	3 20	0 45	22 1
S 25	13 8	18 27	1 0	21 25	2 56	4 8	1 34	2 53	1 1	20 22	0 39	10 20	1 15	3 19	0 45	22 1
M26	13 27	13 14	0n11	21 34	2 56	4 37	1 34	3 12	1 1	20 25	0 39	10 18	1 15	3 18	0 45	22 1
T 27	13 47	7 31	1 20	21 40	2 56	5 5	1 34	3 30	1 1	20 27	0 39	10 17	1 15	3 17	0 45	22 1
W28	14 6	1 36	2 23	21 43	2 54	5 33	1 34	3 49	1 0	20 30	0 38	10 15	1 15	3 16	0 45	22 1
T 29	14 25	4n17	3 18	21 43	2 51	6 1	1 33	4 7	1 0	20 32	0 38	10 14	1 15	3 15	0 45	22 1
F 30	14n43	9n54	4n 3	21n40	2n46	6n29	1s33	4n26	1s 0	20n35	0s38	10s12	1s16	3s15	0n45	22s 1

Julian Day Number = 2685755.5, Delta T = 22m58s  
 Ecliptic obliquity = 23°21'30, Nutation = 0°00'10  
 Ayanamsha: Fagan/Bradley = 33°42'36, Lahiri = 32°49'36

## ASTRODIENST EPHEMERIS for the year 2641

MAY 2641

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 36 5	10♈49'48	28♍7	25°R 7	21°Y34	14°Y22	6♂4	6♂45	9°R55	5°R28	22♂26	21°R45	21♂13	18♂14	25♂45	S 1
S 2	14 40 1	11°48'25	10♈23	25♂2	22°48	15°8	6°17	6°49	9♂53	5♂27	22°27	21♂31	21°10	18°21	25°45	S 2
M 3	14 43 58	12°46'59	22°30	24°52	24°1	15°55	6°31	6°53	9°51	5°27	22°29	21°17	21°7	18°28	25°R45	M 3
T 4	14 47 54	13°45'32	4♂31	24°36	25°15	16°41	6°44	6°58	9°49	5°26	22°30	21°4	21°3	18°35	25°45	T 4
W 5	14 51 51	14°44'03	16°25	24°16	26°29	17°28	6°58	7°2	9°47	5°25	22°31	20°52	21°0	18°41	25°45	W 5
T 6	14 55 48	15°42'32	28°15	23°51	27°42	18°14	7°11	7°6	9°45	5°24	22°32	20°42	20°57	18°48	25°45	T 6
F 7	14 59 44	16°40'58	10♈5	23°23	28°56	19°1	7°25	7°10	9°43	5°23	22°33	20°35	20°54	18°55	25°45	F 7
S 8	15 3 41	17°39'23	21°57	22°51	0♂10	19°47	7°39	7°14	9°41	5°22	22°34	20°31	20°51	19°1	25°44	S 8
S 9	15 7 37	18°37'46	3♂55	22°16	1°24	20°33	7°53	7°17	9°39	5°21	22°35	20°29	20°48	19°8	25°44	S 9
M10	15 11 34	19°36'07	16°6	21°39	2°37	21°20	8°6	7°21	9°38	5°20	22°37	20°28	20°44	19°15	25°43	M10
T 11	15 15 30	20°34'25	28°34	21°1	3°51	22°6	8°20	7°25	9°36	5°19	22°38	20°28	20°41	19°21	25°43	T 11
W12	15 19 27	21°32'42	11♈24	20°22	5°5	22°52	8°34	7°28	9°34	5°18	22°39	20°27	20°38	19°28	25°42	W12
T 13	15 23 23	22°30'56	24°40	19°44	6°18	23°38	8°48	7°32	9°32	5°17	22°40	20°25	20°35	19°35	25°41	T 13
F 14	15 27 20	23°29'09	8♂26	19°6	7°32	24°24	9°2	7°35	9°31	5°16	22°41	20°20	20°32	19°42	25°41	F 14
S 15	15 31 17	24°27'19	22°42	18°29	8°46	25°10	9°16	7°38	9°29	5°15	22°43	20°12	20°28	19°48	25°40	S 15
S 16	15 35 13	25°25'28	7♂24	17°54	9°59	25°56	9°30	7°42	9°28	5°14	22°44	20°2	20°25	19°55	25°39	S 16
M17	15 39 10	26°23'35	22°26	17°22	11°13	26°42	9°43	7°45	9°26	5°13	22°45	19°51	20°22	20°2	25°38	M17
T 18	15 43 6	27°21'40	7♂39	16°53	12°27	27°28	9°57	7°48	9°25	5°11	22°46	19°40	20°19	20°8	25°36	T 18
W19	15 47 3	28°19'44	22°51	16°28	13°40	28°14	10°11	7°51	9°23	5°10	22°48	19°31	20°16	20°15	25°35	W19
T 20	15 50 59	29°17'47	7♂53	16°6	14°54	29°0	10°25	7°53	9°22	5°9	22°49	19°24	20°13	20°22	25°34	T 20
F 21	15 54 56	0♂15'48	22°36	15°49	16°7	29°46	10°39	7°56	9°20	5°8	22°50	19°19	20°9	20°29	25°32	F 21
S 22	15 58 52	1°13'47	6♂55	15°35	17°21	0♂32	10°53	7°59	9°19	5°7	22°51	19°17	20°6	20°35	25°31	S 22
S 23	16 2 49	2°11'46	20°49	15°26	18°35	1°17	11°7	8°1	9°18	5°5	22°53	19°D17	20°3	20°42	25°29	S 23
M24	16 6 46	3°9'43	4♂18	15°D22	19°48	2°3	11°21	8°4	9°17	5°4	22°54	19°R17	20°0	20°49	25°28	M24
T 25	16 10 42	4°7'39	17°26	15°22	21°2	2°49	11°36	8°6	9°15	5°3	22°55	19°16	19°57	20°55	25°26	T 25
W26	16 14 39	5°5'33	0♂Y15	15°27	22°16	3°34	11°50	8°9	9°14	5°1	22°57	19°14	19°53	21°2	25°24	W26
T 27	16 18 35	6°3'27	12°49	15°37	23°29	4°20	12°4	8°11	9°13	5°0	22°58	19°9	19°50	21°9	25°22	T 27
F 28	16 22 32	7°1'19	25°10	15°51	24°43	5°5	12°18	8°13	9°12	4°59	22°59	19°1	19°47	21°15	25°20	F 28
S 29	16 26 28	7°59'10	7♂22	16°9	25°57	5°51	12°32	8°15	9°11	4°57	23°1	18°51	19°44	21°22	25°18	S 29
S 30	16 30 25	8°57'00	19°27	16°32	27°10	6°36	12°46	8°17	9°10	4°56	23°2	18°39	19°41	21°29	25°16	S 30
M31	16 34 21	9♂54'48	1♂25	16♂59	28♂24	7♂22	13♂0	8♂19	9♂9	4♂54	23♂3	18♂27	19♂38	21♂36	25♂14	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	15n 1	15n 3	4n35	21n34	2n40	6n56	1s33	4n44	1s 0	20n37	0s38	10s11	1s16	3s14	0n45	22s 1
S 2	15 20	19 32	4 54	21 26	2 33	7 24	1 33	5 2	0 59	20 40	0 38	10 9	1 16	3 13	0 45	22 1
M 3	15 37	23 10	5 0	21 15	2 24	7 52	1 32	5 20	0 59	20 42	0 38	10 8	1 16	3 12	0 45	22 1
T 4	15 55	25 45	4 52	21 2	2 15	8 19	1 32	5 38	0 58	20 45	0 38	10 6	1 16	3 11	0 45	22 1
W 5	16 12	27 10	4 31	20 46	2 3	8 46	1 31	5 56	0 58	20 47	0 38	10 5	1 16	3 11	0 45	22 1
T 6	16 29	27 19	3 59	20 28	1 51	9 13	1 31	6 14	0 58	20 49	0 37	10 4	1 17	3 10	0 45	22 1
F 7	16 46	26 14	3 16	20 7	1 37	9 39	1 30	6 32	0 57	20 52	0 37	10 2	1 17	3 9	0 45	22 1
S 8	17 2	23 57	2 25	19 45	1 23	10 6	1 29	6 50	0 57	20 54	0 37	10 1	1 17	3 9	0 45	22 1
S 9	17 19	20 36	1 26	19 21	1 7	10 32	1 28	7 8	0 57	20 56	0 37	10 0	1 17	3 8	0 45	22 1
M10	17 34	16 19	0 23	18 56	0 51	10 58	1 27	7 25	0 56	20 59	0 37	9 59	1 17	3 7	0 45	22 1
T 11	17 50	11 16	0s43	18 30	0 34	11 24	1 27	7 43	0 56	21 1	0 37	9 58	1 18	3 6	0 44	22 1
W12	18 5	5 36	1 48	18 3	0 17	11 50	1 26	8 0	0 55	21 3	0 37	9 56	1 18	3 6	0 44	22 1
T 13	18 20	0s30	2 50	17 36	0s 0	12 15	1 25	8 18	0 55	21 5	0 37	9 55	1 18	3 5	0 44	22 1
F 14	18 35	6 47	3 45	17 9	0 18	12 40	1 23	8 35	0 55	21 8	0 37	9 54	1 18	3 5	0 44	22 1
S 15	18 49	12 56	4 27	16 42	0 35	13 4	1 22	8 52	0 54	21 10	0 36	9 53	1 18	3 4	0 44	22 1
S 16	19 3	18 33	4 53	16 16	0 52	13 29	1 21	9 9	0 54	21 12	0 36	9 52	1 18	3 3	0 44	22 1
M17	19 17	23 9	5 0	15 51	1 9	13 53	1 20	9 26	0 53	21 14	0 36	9 51	1 19	3 3	0 44	22 1
T 18	19 30	26 13	4 46	15 28	1 25	14 16	1 18	9 43	0 53	21 16	0 36	9 50	1 19	3 2	0 44	22 1
W19	19 43	27 21	4 12	15 6	1 41	14 40	1 17	10 0	0 53	21 18	0 36	9 49	1 19	3 2	0 44	22 1
T 20	19 56	26 27	3 20	14 45	1 55	15 3	1 16	10 16	0 52	21 21	0 36	9 48	1 19	3 1	0 44	22 1
F 21	20 8	23 43	2 16	14 27	2 9	15 25	1 14	10 33	0 52	21 23	0 36	9 48	1 19	3 1	0 44	22 1
S 22	20 20	19 32	1 5	14 11	2 22	15 48	1 13	10 49	0 51	21 25	0 36	9 47	1 20	3 0	0 44	22 1
S 23	20 32	14 23	0n 8	13 57	2 34	16 9	1 11	11 5	0 51	21 27	0 36	9 46	1 20	3 0	0 44	22 1
M24	20 43	8 41	1 19	13 45	2 45	16 31	1 9	11 22	0 50	21 29	0 35	9 45	1 20	2 59	0 44	22 1
T 25	20 54	2 45	2 23	13 36	2 55	16 52	1 8	11 38	0 50	21 31	0 35	9 45	1 20	2 59	0 44	22 1
W26	21 5	3n 8	3 19	13 29	3 4	17 13	1 6	11 54	0 49	21 33	0 35	9 44	1 20	2 59	0 44	22 1
T 27	21 15	8 47	4 4	13 24	3 12	17 33	1 4	12 9	0 49	21 35	0 35	9 43	1 21	2 58	0 44	22 1
F 28	21 25	13 59	4 36	13 21	3 19	17 52	1 2	12 25	0 48	21 37	0 35	9 43	1 21	2 58	0 44	22 1
S 29	21 34	18 35	4 55	13 21	3 25	18 12	1 0	12 41	0 48	21 39	0 35	9 42	1 21	2 57	0 44	22 1
S 30	21 43	22 22	5 1	13 22	3 30	18 31	0 59	12 56	0 47	21 40	0 35	9 42	1 21	2 57	0 44	22 1
M31	21n52	25n10	4n54	13n26	3s34	18n49	0s57	13n11	0s47	21n42	0s35	9s41	1s21	2s57	0n44	22s 2

Julian Day Number = 2685785.5, Delta T = 22m59s

Ecliptic obliquity = 23°21'29", Nutation = 0°00'09"

Ayanamsha: Fagan/Bradley = 33°42'40", Lahiri = 32°49'40"

## ASTRODIENST EPHEMERIS for the year 2641

JUNE 2641

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 38 18	10II52'35	13II19	17831	29838	887	13II14	8821	9°R 9	4°R53	23II 5	18°R14	19834	21II42	25°R12	T 1
W 2	16 42 15	11°50'21	25°10	18° 6	0II51	8°52	13°28	8°22	98 8	4851	23° 6	188 3	19°31	21°49	25810	W 2
T 3	16 46 11	12°48'06	78 0	18°45	2° 5	9°38	13°42	8°24	9° 7	4°50	23° 7	17°54	19°28	21°56	25° 7	T 3
F 4	16 50 8	13°45'49	18°50	19°28	3°18	10°23	13°57	8°25	9° 6	4°49	23° 9	17°48	19°25	22° 2	25° 5	F 4
S 5	16 54 4	14°43'31	0844	20°15	4°32	11° 8	14°11	8°27	9° 6	4°47	23°10	17°44	19°22	22° 9	25° 3	S 5
S 6	16 58 1	15°41'11	12°45	21° 5	5°46	11°53	14°25	8°28	9° 5	4°46	23°12	17°D43	19°19	22°16	25° 0	S 6
M 7	17 1 57	16°38'50	24°56	21°59	6°59	12°38	14°39	8°29	9° 5	4°44	23°13	17°43	19°15	22°22	24°57	M 7
T 8	17 5 54	17°36'27	7823	22°56	8°13	13°23	14°53	8°30	9° 4	4°43	23°14	17°43	19°12	22°29	24°55	T 8
W 9	17 9 50	18°34'03	20°11	23°57	9°27	14° 8	15° 7	8°31	9° 4	4°41	23°16	17°R44	19° 9	22°36	24°52	W 9
T 10	17 13 47	19°31'38	3822	25° 1	10°40	14°53	15°21	8°32	9° 4	4°39	23°17	17°43	19° 6	22°43	24°49	T 10
F 11	17 17 44	20°29'11	17° 2	26° 7	11°54	15°38	15°35	8°33	9° 3	4°38	23°18	17°40	19° 3	22°49	24°47	F 11
S 12	17 21 40	21°26'43	1811	27°17	13° 7	16°23	15°49	8°33	9° 3	4°36	23°20	17°35	18°59	22°56	24°44	S 12
S 13	17 25 37	22°24'13	15°48	28°30	14°21	17° 7	16° 3	8°34	9° 3	4°35	23°21	17°28	18°56	23° 3	24°41	S 13
M14	17 29 33	23°21'43	0847	29°46	15°35	17°52	16°17	8°34	9° 3	4°33	23°23	17°20	18°53	23° 9	24°38	M14
T 15	17 33 30	24°19'11	16° 1	1II 5	16°48	18°37	16°31	8°35	9° 3	4°32	23°24	17°12	18°50	23°16	24°35	T 15
W16	17 37 26	25°16'39	1819	2°26	18° 2	19°21	16°45	8°35	9°D 3	4°30	23°25	17° 6	18°47	23°23	24°32	W16
T 17	17 41 23	26°14'05	16°30	3°51	19°16	20° 6	16°59	8°35	9° 3	4°28	23°27	17° 0	18°44	23°29	24°28	T 17
F 18	17 45 20	27°11'31	1825	5°18	20°29	20°50	17°13	8°R35	9° 3	4°27	23°28	16°57	18°40	23°36	24°25	F 18
S 19	17 49 16	28° 8'56	15°57	6°48	21°43	21°34	17°27	8°35	9° 3	4°25	23°29	16°D57	18°37	23°43	24°22	S 19
S 20	17 53 13	29° 6'20	081	8°21	22°56	22°19	17°41	8°35	9° 3	4°24	23°31	16°57	18°34	23°50	24°19	S 20
M21	17 57 9	08 3'44	13°39	9°56	24°10	23° 3	17°55	8°35	9° 3	4°22	23°32	16°58	18°31	23°56	24°15	M21
T 22	18 1 6	1° 1'07	26°51	11°35	25°24	23°47	18° 9	8°35	9° 3	4°20	23°34	16°R59	18°28	24° 3	24°12	T 22
W23	18 5 2	1°58'30	9840	13°16	26°37	24°31	18°23	8°34	9° 4	4°19	23°35	16°59	18°25	24°10	24° 9	W23
T 24	18 8 59	2°55'52	22°11	15° 0	27°51	25°15	18°37	8°34	9° 4	4°17	23°36	16°57	18°21	24°16	24° 5	T 24
F 25	18 12 55	3°53'14	4827	16°46	29° 5	26° 0	18°51	8°33	9° 5	4°16	23°38	16°53	18°18	24°23	24° 2	F 25
S 26	18 16 52	4°50'36	16°32	18°35	0818	26°44	19° 4	8°33	9° 5	4°14	23°39	16°48	18°15	24°30	23°58	S 26
S 27	18 20 49	5°47'57	28°30	20°27	1°32	27°27	19°18	8°32	9° 6	4°12	23°40	16°41	18°12	24°36	23°55	S 27
M28	18 24 45	6°45'18	10II23	22°21	2°46	28°11	19°32	8°31	9° 6	4°11	23°42	16°34	18° 9	24°43	23°51	M28
T 29	18 28 42	7°42'38	22°14	24°18	3°59	28°55	19°46	8°30	9° 7	4° 9	23°43	16°26	18° 6	24°50	23°48	T 29
W30	18 32 38	8839'58	48 4	26II16	5813	29839	19II59	8829	98 8	48 7	23II44	16820	188 2	24II57	23844	W30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	22n 0	26n51	4n34	13n32	3s37	19n 7	0s55	13n26	0s46	21n44	0s35	9s41	1s22	2s57	0n44	22s 2
W 2	22 8	27 17	4 1	13 40	3 39	19 24	0 53	13 41	0 46	21 46	0 35	9 40	1 22	2 56	0 44	22 2
T 3	22 15	26 29	3 19	13 49	3 40	19 41	0 51	13 56	0 45	21 48	0 35	9 40	1 22	2 56	0 44	22 2
F 4	22 22	24 28	2 27	14 0	3 40	19 57	0 49	14 11	0 44	21 49	0 35	9 39	1 22	2 56	0 44	22 2
S 5	22 29	21 23	1 29	14 13	3 40	20 13	0 46	14 25	0 44	21 51	0 34	9 39	1 22	2 56	0 44	22 2
S 6	22 36	17 21	0 27	14 27	3 39	20 28	0 44	14 40	0 43	21 53	0 34	9 39	1 23	2 55	0 44	22 2
M 7	22 41	12 34	0s39	14 43	3 37	20 43	0 42	14 54	0 43	21 55	0 34	9 39	1 23	2 55	0 43	22 2
T 8	22 47	7 10	1 43	15 0	3 34	20 57	0 40	15 8	0 42	21 56	0 34	9 38	1 23	2 55	0 43	22 2
W 9	22 52	1 21	2 45	15 18	3 30	21 10	0 38	15 22	0 42	21 58	0 34	9 38	1 23	2 55	0 43	22 2
T 10	22 57	4s42	3 39	15 37	3 26	21 23	0 36	15 36	0 41	22 0	0 34	9 38	1 24	2 55	0 43	22 2
F 11	23 1	10 44	4 23	15 57	3 21	21 35	0 33	15 49	0 40	22 1	0 34	9 38	1 24	2 55	0 43	22 2
S 12	23 5	16 26	4 53	16 18	3 16	21 47	0 31	16 2	0 40	22 3	0 34	9 38	1 24	2 55	0 43	22 2
S 13	23 8	21 23	5 6	16 40	3 10	21 58	0 29	16 16	0 39	22 4	0 34	9 38	1 24	2 55	0 43	22 2
M14	23 12	25 6	4 57	17 3	3 3	22 9	0 26	16 29	0 39	22 6	0 34	9 38	1 24	2 55	0 43	22 2
T 15	23 14	27 4	4 28	17 26	2 56	22 18	0 24	16 42	0 38	22 7	0 34	9 38	1 25	2 55	0 43	22 2
W16	23 16	27 1	3 40	17 49	2 48	22 28	0 22	16 54	0 37	22 9	0 34	9 38	1 25	2 55	0 43	22 2
T 17	23 18	24 55	2 36	18 13	2 40	22 36	0 19	17 7	0 37	22 10	0 34	9 38	1 25	2 55	0 43	22 2
F 18	23 20	21 7	1 23	18 38	2 31	22 44	0 17	17 19	0 36	22 11	0 33	9 38	1 25	2 55	0 43	22 2
S 19	23 21	16 5	0 5	19 2	2 22	22 51	0 15	17 31	0 36	22 13	0 33	9 39	1 25	2 55	0 43	22 2
S 20	23 21	10 20	1n10	19 26	2 13	22 58	0 12	17 43	0 35	22 14	0 33	9 39	1 26	2 55	0 43	22 2
M21	23 21	4 16	2 19	19 50	2 3	23 4	0 10	17 55	0 34	22 16	0 33	9 39	1 26	2 55	0 43	22 3
T 22	23 21	1n47	3 18	20 14	1 53	23 9	0 7	18 7	0 34	22 17	0 33	9 39	1 26	2 55	0 43	22 3
W23	23 21	7 35	4 6	20 37	1 42	23 14	0 5	18 18	0 33	22 18	0 33	9 40	1 26	2 55	0 43	22 3
T 24	23 20	12 57	4 41	21 0	1 31	23 18	0 3	18 29	0 32	22 19	0 33	9 40	1 26	2 56	0 43	22 3
F 25	23 18	17 42	5 2	21 22	1 20	23 21	0 0	18 40	0 32	22 21	0 33	9 40	1 27	2 56	0 43	22 3
S 26	23 16	21 39	5 9	21 43	1 9	23 24	0n 2	18 51	0 31	22 22	0 33	9 41	1 27	2 56	0 43	22 3
S 27	23 14	24 40	5 2	22 3	0 58	23 25	0 5	19 2	0 30	22 23	0 33	9 41	1 27	2 56	0 43	22 3
M28	23 11	26 36	4 43	22 22	0 46	23 27	0 7	19 12	0 30	22 24	0 33	9 42	1 27	2 57	0 43	22 3
T 29	23 8	27 19	4 11	22 39	0 35	23 27	0 9	19 23	0 29	22 25	0 33	9 42	1 27	2 57	0 43	22 3
W30	23n 5	26n46	3n29	22n55	0s23	23n27	0n12	19n33	0s28	22n26	0s33	9s43	1s28	2s57	0n42	22s 3

Julian Day Number = 2685816.5, Delta T = 22m59s

Ecliptic obliquity = 23°21'28", Nutation = 0°00'10"

Ayanamsha: Fagan/Bradley = 33°42'45", Lahiri = 32°49'45"

## ASTRODIENST EPHEMERIS for the year 2641

JULY 2641

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 36 35	9°37'17	15°55	28°18	6°27	0°23	20°13	8°R28	9°8	4°R 6	23°46	16°R15	17°59	25°II 3	23°R40	T 1
F 2	18 40 31	10°34'36	27°51	0°21	7°41	1° 6	20°27	8°R26	9° 9	4° 4	23°47	16°R12	17°56	25°10	23°R37	F 2
S 3	18 44 28	11°31'54	9°51	2°26	8°54	1°50	20°40	8°25	9°10	4° 3	23°48	16°10	17°53	25°17	23°33	S 3
S 4	18 48 24	12°29'12	21°59	4°33	10° 8	2°33	20°54	8°24	9°11	4° 1	23°50	16°D10	17°50	25°23	23°29	S 4
M 5	18 52 21	13°26'29	4°19	6°41	11°22	3°17	21° 7	8°22	9°12	3°59	23°51	16°11	17°46	25°30	23°26	M 5
T 6	18 56 18	14°23'45	16°52	8°50	12°35	4° 0	21°21	8°20	9°13	3°58	23°52	16°13	17°43	25°37	23°22	T 6
W 7	19 0 14	15°21'01	29°42	11° 0	13°49	4°43	21°34	8°19	9°14	3°56	23°54	16°14	17°40	25°43	23°18	W 7
T 8	19 4 11	16°18'16	12°53	13°11	15° 3	5°27	21°48	8°17	9°15	3°55	23°55	16°R15	17°37	25°50	23°14	T 8
F 9	19 8 7	17°15'31	26°28	15°22	16°17	6°10	22° 1	8°15	9°16	3°53	23°56	16°15	17°34	25°57	23°11	F 9
S 10	19 12 4	18°12'46	10°27	17°33	17°30	6°53	22°14	8°13	9°18	3°51	23°58	16°13	17°31	26° 3	23° 7	S 10
S 11	19 16 0	19°10'00	24°51	19°44	18°44	7°36	22°27	8°11	9°19	3°50	23°59	16°11	17°27	26°10	23° 3	S 11
M12	19 19 57	20° 7'13	9°35	21°54	19°58	8°19	22°41	8° 9	9°20	3°48	24° 0	16° 7	17°24	26°17	22°59	M12
T 13	19 23 53	21° 4'26	24°36	24° 4	21°12	9° 2	22°54	8° 6	9°22	3°47	24° 1	16° 4	17°21	26°24	22°55	T 13
W14	19 27 50	22° 1'39	9°34	26°13	22°25	9°45	23° 7	8° 4	9°23	3°45	24° 3	16° 1	17°18	26°30	22°52	W14
T 15	19 31 47	22°58'52	24°48	28°20	23°39	10°27	23°20	8° 2	9°24	3°44	24° 4	15°59	17°15	26°37	22°48	T 15
F 16	19 35 43	23°56'05	9°42	0°27	24°53	11°10	23°33	7°59	9°26	3°42	24° 5	15°D58	17°12	26°44	22°44	F 16
S 17	19 39 40	24°53'18	24°18	2°32	26° 7	11°53	23°46	7°56	9°28	3°41	24° 6	15°58	17° 8	26°50	22°40	S 17
S 18	19 43 36	25°50'31	8°29	4°35	27°20	12°35	23°59	7°54	9°29	3°39	24° 8	15°59	17° 5	26°57	22°36	S 18
M19	19 47 33	26°47'44	22°14	6°36	28°34	13°18	24°12	7°51	9°31	3°38	24° 9	16° 0	17° 2	27° 4	22°32	M19
T 20	19 51 29	27°44'57	5°32	8°36	29°48	14° 0	24°25	7°48	9°33	3°36	24°10	16° 1	16°59	27°10	22°29	T 20
W21	19 55 26	28°42'11	18°27	10°34	1°2	14°42	24°38	7°45	9°34	3°35	24°11	16° 2	16°56	27°17	22°25	W21
T 22	19 59 23	29°39'25	1° 0	12°31	2°16	15°25	24°50	7°42	9°36	3°34	24°12	16°R 3	16°52	27°24	22°21	T 22
F 23	20 3 19	0°36'40	13°16	14°25	3°29	16° 7	25° 3	7°39	9°38	3°32	24°13	16° 2	16°49	27°30	22°17	F 23
S 24	20 7 16	1°33'55	25°20	16°18	4°43	16°49	25°16	7°36	9°40	3°31	24°15	16° 1	16°46	27°37	22°14	S 24
S 25	20 11 12	2°31'11	7°16	18° 9	5°57	17°31	25°28	7°33	9°42	3°29	24°16	16° 0	16°43	27°44	22°10	S 25
M26	20 15 9	3°28'27	19° 7	19°57	7°11	18°13	25°41	7°30	9°44	3°28	24°17	15°58	16°40	27°51	22° 6	M26
T 27	20 19 5	4°25'44	0°56	21°44	8°25	18°55	25°53	7°26	9°46	3°27	24°18	15°56	16°37	27°57	22° 3	T 27
W28	20 23 2	5°23'02	12°48	23°29	9°39	19°37	26° 5	7°23	9°48	3°25	24°19	15°55	16°33	28° 4	21°59	W28
T 29	20 26 58	6°20'19	24°45	25°13	10°53	20°19	26°18	7°19	9°50	3°24	24°20	15°53	16°30	28°11	21°55	T 29
F 30	20 30 55	7°17'38	6°48	26°54	12° 6	21° 1	26°30	7°16	9°52	3°23	24°21	15°53	16°27	28°17	21°52	F 30
S 31	20 34 52	8°14'56	19°0	28°33	13°20	21°42	26°42	7°12	9°54	3°22	24°22	15°D53	16°24	28°24	21°48	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	23n 1	25n 1	2n37	23n 9	0s12	23n26	0n14	19n43	0s28	22n27	0s33	9s44	1s28	2s58	0n42	22s 3
F 2	22 56	22 8	1 38	23 21	0 1	23 24	0 16	19 52	0 27	22 28	0 33	9 44	1 28	2 58	0 42	22 3
S 3	22 52	18 16	0 34	23 30	0n10	23 22	0 19	20 2	0 26	22 29	0 32	9 45	1 28	2 58	0 42	22 3
S 4	22 46	13 38	0s32	23 38	0 21	23 19	0 21	20 11	0 26	22 30	0 32	9 46	1 28	2 59	0 42	22 3
M 5	22 41	8 23	1 38	23 42	0 31	23 16	0 23	20 20	0 25	22 31	0 32	9 47	1 29	2 59	0 42	22 3
T 6	22 35	2 43	2 40	23 45	0 41	23 11	0 26	20 29	0 24	22 32	0 32	9 47	1 29	3 0	0 42	22 3
W 7	22 29	3s11	3 36	23 44	0 50	23 6	0 28	20 38	0 23	22 33	0 32	9 48	1 29	3 0	0 42	22 4
T 8	22 22	9 6	4 22	23 41	0 59	23 1	0 30	20 46	0 23	22 34	0 32	9 49	1 29	3 1	0 42	22 4
F 9	22 15	14 46	4 55	23 35	1 7	22 54	0 32	20 54	0 22	22 35	0 32	9 50	1 29	3 1	0 42	22 4
S 10	22 7	19 50	5 12	23 27	1 15	22 47	0 34	21 2	0 21	22 36	0 32	9 51	1 30	3 2	0 42	22 4
S 11	22 0	23 55	5 10	23 16	1 22	22 39	0 37	21 10	0 20	22 37	0 32	9 52	1 30	3 2	0 42	22 4
M12	21 51	26 33	4 48	23 2	1 28	22 31	0 39	21 18	0 20	22 37	0 32	9 53	1 30	3 3	0 42	22 4
T 13	21 43	27 20	4 6	22 45	1 33	22 22	0 41	21 25	0 19	22 38	0 32	9 54	1 30	3 3	0 42	22 4
W14	21 34	26 6	3 6	22 26	1 38	22 12	0 43	21 32	0 18	22 39	0 32	9 55	1 30	3 4	0 42	22 4
T 15	21 24	22 58	1 54	22 5	1 42	22 2	0 45	21 39	0 17	22 40	0 32	9 56	1 31	3 4	0 42	22 4
F 16	21 15	18 19	0 34	21 42	1 45	21 51	0 47	21 46	0 17	22 40	0 32	9 57	1 31	3 5	0 42	22 4
S 17	21 5	12 40	0n46	21 16	1 47	21 39	0 49	21 52	0 16	22 41	0 32	9 58	1 31	3 6	0 42	22 4
S 18	20 54	6 29	2 1	20 49	1 49	21 27	0 51	21 59	0 15	22 42	0 32	9 59	1 31	3 6	0 42	22 4
M19	20 44	0 13	3 7	20 20	1 50	21 14	0 53	22 5	0 14	22 42	0 32	10 1	1 31	3 7	0 42	22 4
T 20	20 32	5n52	4 0	19 49	1 50	21 1	0 55	22 11	0 14	22 43	0 32	10 2	1 32	3 8	0 42	22 4
W21	20 21	11 31	4 40	19 17	1 49	20 47	0 57	22 16	0 13	22 43	0 32	10 3	1 32	3 9	0 42	22 4
T 22	20 9	16 33	5 5	18 43	1 48	20 32	0 58	22 22	0 12	22 44	0 32	10 4	1 32	3 9	0 42	22 4
F 23	19 57	20 47	5 16	18 9	1 46	20 17	1 0	22 27	0 11	22 44	0 32	10 6	1 32	3 10	0 42	22 5
S 24	19 45	24 4	5 12	17 33	1 44	20 1	1 2	22 32	0 11	22 45	0 32	10 7	1 32	3 11	0 41	22 5
S 25	19 32	26 17	4 55	16 56	1 41	19 45	1 3	22 37	0 10	22 45	0 31	10 8	1 32	3 12	0 41	22 5
M26	19 19	27 19	4 25	16 19	1 37	19 28	1 5	22 41	0 9	22 46	0 31	10 10	1 33	3 12	0 41	22 5
T 27	19 5	5 27	3 44	15 41	1 33	19 10	1 6	22 46	0 8	22 46	0 31	10 11	1 33	3 13	0 41	22 5
W28	18 52	25 37	2 53	15 2	1 28	18 52	1 8	22 50	0 7	22 47	0 31	10 12	1 33	3 14	0 41	22 5
T 29	18 37	22 59	1 54	14 23	1 23	18 33	1 9	22 54	0 7	22 47	0 31	10 14	1 33	3 15	0 41	22 5
F 30	18 23	19 19	0 50	13 43	1 18	18 14	1 11	22 58	0 6	22 47	0 31	10 15	1 33	3 16	0 41	22 5
S 31	18n 8	14n48	0s17	13n 3	1n12	17n55	1n12	23n 1	0s 5	22n48	0s31	10s17	1s33	3s17	0n41	22s 5

Julian Day Number = 2685846.5, Delta T = 22m59s

Ecliptic obliquity = 23°21'28", Nutation = 0°00'12"

Ayanamsha: Fagan/Bradley = 33°42'49", Lahiri = 32°49'49"

## ASTRODIENST EPHEMERIS for the year 2641

AUGUST 2641

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 38 48	9♂12'15	1♂23	0♂11	14♂34	22♂24	26♂54	7°R 9	9♂57	3°R20	24♂23	15♂53	16♂21	28♂31	21°R45	S 1
M 2	20 42 45	10° 9'35	13°57	1°47	15°48	23° 5	27° 6	7°H 5	9°59	3♂19	24°24	15°53	16°17	28°37	21♂41	M 2
T 3	20 46 41	11° 6'54	26°44	3°20	17° 2	23°47	27°18	7° 1	10° 1	3°18	24°25	15°54	16°14	28°44	21°38	T 3
W 4	20 50 38	12° 4'14	9♂47	4°52	18°16	24°28	27°30	6°57	10° 4	3°17	24°26	15°54	16°11	28°51	21°34	W 4
T 5	20 54 34	13° 1'35	23° 5	6°22	19°30	25° 9	27°42	6°53	10° 6	3°16	24°27	15°55	16° 8	28°57	21°31	T 5
F 6	20 58 31	13°58'56	6♂41	7°51	20°44	25°50	27°53	6°50	10° 9	3°14	24°28	15°55	16° 5	29° 4	21°27	F 6
S 7	21 2 27	14°56'17	20°35	9°17	21°58	26°32	28° 5	6°46	10°11	3°13	24°29	15°R55	16° 2	29°11	21°24	S 7
S 8	21 6 24	15°53'39	4♂47	10°41	23°12	27°13	28°16	6°42	10°14	3°12	24°30	15°D55	15°58	29°18	21°21	S 8
M 9	21 10 21	16°51'01	19°14	12° 4	24°26	27°54	28°28	6°37	10°16	3°11	24°31	15°55	15°55	29°24	21°17	M 9
T 10	21 14 17	17°48'23	3♂52	13°24	25°40	28°34	28°39	6°33	10°19	3°10	24°32	15°55	15°52	29°31	21°14	T 10
W 11	21 18 14	18°45'47	18°37	14°42	26°54	29°15	28°51	6°29	10°22	3° 9	24°33	15°55	15°49	29°38	21°11	W 11
T 12	21 22 10	19°43'10	3♂23	15°58	28° 7	29°56	29° 2	6°25	10°24	3° 8	24°34	15°55	15°46	29°44	21° 8	T 12
F 13	21 26 7	20°40'35	18° 2	17°12	29°21	0♂37	29°13	6°21	10°27	3° 7	24°35	15°R56	15°43	29°51	21° 5	F 13
S 14	21 30 3	21°38'00	2♂28	18°24	0♂35	1°17	29°24	6°17	10°30	3° 6	24°35	15°55	15°39	29°58	21° 2	S 14
S 15	21 34 0	22°35'26	16°35	19°33	1°49	1°58	29°35	6°12	10°33	3° 5	24°36	15°55	15°36	0♂ 4	20°59	S 15
M 16	21 37 56	23°32'53	0♂20	20°40	3° 3	2°38	29°46	6° 8	10°35	3° 4	24°37	15°54	15°33	0°11	20°56	M 16
T 17	21 41 53	24°30'21	13°41	21°45	4°17	3°18	29°56	6° 4	10°38	3° 3	24°38	15°53	15°30	0°18	20°53	T 17
W 18	21 45 50	25°27'51	26°39	22°47	5°31	3°59	0♂ 7	5°59	10°41	3° 3	24°39	15°52	15°27	0°24	20°50	W 18
T 19	21 49 46	26°25'22	9♂16	23°46	6°45	4°39	0°18	5°55	10°44	3° 2	24°39	15°51	15°23	0°31	20°48	T 19
F 20	21 53 43	27°22'54	21°35	24°43	7°59	5°19	0°28	5°50	10°47	3° 1	24°40	15°51	15°20	0°38	20°45	F 20
S 21	21 57 39	28°20'27	3♂40	25°37	9°13	5°59	0°38	5°46	10°50	3° 0	24°41	15°D51	15°17	0°44	20°42	S 21
S 22	22 1 36	29°18'02	15°35	26°27	10°27	6°39	0°49	5°42	10°53	3° 0	24°41	15°51	15°14	0°51	20°40	S 22
M 23	22 5 32	0♂15'38	27°26	27°15	11°41	7°19	0°59	5°37	10°56	2°59	24°42	15°52	15°11	0°58	20°37	M 23
T 24	22 9 29	1°13'16	9♂17	27°59	12°55	7°58	1° 9	5°33	10°59	2°58	24°43	15°53	15° 8	1° 4	20°35	T 24
W 25	22 13 25	2°10'55	21°12	28°39	14° 9	8°38	1°19	5°28	11° 2	2°58	24°43	15°55	15° 4	1°11	20°33	W 25
T 26	22 17 22	3° 8'35	3♂14	29°15	15°23	9°18	1°29	5°24	11° 6	2°57	24°44	15°56	15° 1	1°18	20°30	T 26
F 27	22 21 19	4° 6'16	15°27	29°48	16°37	9°57	1°38	5°19	11° 9	2°56	24°45	15°R56	14°58	1°25	20°28	F 27
S 28	22 25 15	5° 3'59	27°53	0♂16	17°51	10°36	1°48	5°15	11°12	2°56	24°45	15°56	14°55	1°31	20°26	S 28
S 29	22 29 12	6° 1'43	10♂33	0°40	19° 5	11°16	1°57	5°10	11°15	2°55	24°46	15°54	14°52	1°38	20°24	S 29
M 30	22 33 8	6°59'29	23°27	0°59	20°19	11°55	2° 7	5° 6	11°19	2°55	24°46	15°52	14°49	1°45	20°22	M 30
T 31	22 37 5	7♂57'15	6♂37	1♂13	21♂33	12♂34	2♂16	5°H 1	11♂22	2♂54	24♂47	15♂49	14♂45	1♂51	20♂20	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	17n54	9n38	1s25	12n23	1n 5	17n35	1n13	23n 4	0s 4	22n48	0s31	10s18	1s34	3s18	0n41	22s 5
M 2	17 38	4 0	2 29	11 43	0 58	17 14	1 15	23 7	0 3	22 48	0 31	10 20	1 34	3 19	0 41	22 5
T 3	17 23	1s53	3 28	11 2	0 51	16 53	1 16	23 10	0 2	22 49	0 31	10 21	1 34	3 20	0 41	22 5
W 4	17 7	7 47	4 16	10 22	0 43	16 31	1 17	23 13	0 2	22 49	0 31	10 23	1 34	3 21	0 41	22 5
T 5	16 51	13 28	4 53	9 41	0 35	16 9	1 18	23 15	0 1	22 49	0 31	10 25	1 34	3 22	0 41	22 5
F 6	16 35	18 38	5 13	9 1	0 27	15 47	1 19	23 18	0n 0	22 49	0 31	10 26	1 34	3 23	0 41	22 5
S 7	16 18	22 55	5 16	8 20	0 18	15 24	1 20	23 20	0 1	22 50	0 31	10 28	1 34	3 24	0 41	22 5
S 8	16 1	25 56	5 0	7 40	0 9	15 1	1 21	23 21	0 2	22 50	0 31	10 29	1 35	3 25	0 41	22 6
M 9	15 44	27 20	4 25	7 1	0s 0	14 37	1 22	23 23	0 3	22 50	0 31	10 31	1 35	3 26	0 41	22 6
T 10	15 27	26 51	3 33	6 21	0 10	14 13	1 23	23 24	0 3	22 50	0 31	10 33	1 35	3 27	0 41	22 6
W 11	15 9	24 28	2 26	5 42	0 20	13 49	1 23	23 26	0 4	22 50	0 31	10 34	1 35	3 28	0 41	22 6
T 12	14 51	20 27	1 9	5 4	0 30	13 24	1 24	23 27	0 5	22 50	0 31	10 36	1 35	3 29	0 41	22 6
F 13	14 33	15 11	0n12	4 26	0 40	12 59	1 25	23 27	0 6	22 50	0 31	10 38	1 35	3 30	0 41	22 6
S 14	14 15	9 9	1 30	3 48	0 50	12 33	1 25	23 28	0 7	22 51	0 31	10 39	1 35	3 31	0 41	22 6
S 15	13 56	2 47	2 42	3 11	1 1	12 7	1 25	23 28	0 8	22 51	0 31	10 41	1 35	3 32	0 41	22 6
M 16	13 37	3n32	3 42	2 35	1 11	11 41	1 26	23 28	0 9	22 51	0 31	10 43	1 36	3 33	0 41	22 6
T 17	13 19	9 30	4 28	2 0	1 22	11 15	1 26	23 28	0 9	22 51	0 31	10 44	1 36	3 34	0 41	22 6
W 18	12 59	14 53	4 59	1 26	1 33	10 48	1 26	23 28	0 10	22 51	0 31	10 46	1 36	3 36	0 41	22 6
T 19	12 40	19 30	5 15	0 52	1 44	10 21	1 27	23 28	0 11	22 51	0 31	10 48	1 36	3 37	0 41	22 6
F 20	12 20	23 10	5 15	0 20	1 55	9 53	1 27	23 27	0 12	22 51	0 31	10 50	1 36	3 38	0 41	22 6
S 21	12 1	25 45	5 2	0s12	2 6	9 26	1 27	23 26	0 13	22 51	0 31	10 51	1 36	3 39	0 41	22 6
S 22	11 41	27 8	4 35	0 42	2 17	8 58	1 27	23 25	0 14	22 51	0 31	10 53	1 36	3 40	0 40	22 6
M 23	11 21	27 17	3 57	1 10	2 28	8 30	1 27	23 24	0 15	22 51	0 31	10 55	1 36	3 42	0 40	22 6
T 24	11 0	26 11	3 9	1 38	2 39	8 1	1 27	23 23	0 16	22 51	0 31	10 56	1 36	3 43	0 40	22 7
W 25	10 40	23 53	2 13	2 4	2 50	7 33	1 26	23 21	0 17	22 51	0 31	10 58	1 36	3 44	0 40	22 7
T 26	10 19	20 30	1 10	2 28	3 1	7 4	1 26	23 19	0 17	22 50	0 31	11 0	1 36	3 45	0 40	22 7
F 27	9 58	16 12	0 3	2 51	3 11	6 35	1 26	23 18	0 18	22 50	0 31	11 2	1 37	3 47	0 40	22 7
S 28	9 37	11 9	1s 5	3 11	3 21	6 6	1 25	23 15	0 19	22 50	0 30	11 3	1 37	3 48	0 40	22 7
S 29	9 16	5 33	2 12	3 30	3 31	5 37	1 25	23 13	0 20	22 50	0 30	11 5	1 37	3 49	0 40	22 7
M 30	8 55	0s21	3 12	3 46	3 41	5 7	1 24	23 11	0 21	22 50	0 30	11 7	1 37	3 50	0 40	22 7
T 31	8n33	6s21	4s 4	4s 0	3s50	4n37	1n24	23n 8	0n22	22n50	0s30	11s 8	1s37	3s52	0n40	22s 7

Julian Day Number = 2685877.5, Delta T = 23m00s

Ecliptic obliquity = 23°21'28", Nutation = 0°00'13"

Ayanamsha: Fagan/Bradley = 33°42'53", Lahiri = 32°49'53"

# ASTRODIENST EPHEMERIS for the year 2641

SEPTEMBER 2641

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	22 41 1	8♍55'03	20♌0	1♊23	22♍47	13♏13	2♊25	4°R57	11♌25	2°R54	24♌47	15°R46	14♌42	1♊58	20°R18	W 1
T 2	22 44 58	9°52'52	3♍37	1°R26	24° 1	13°52	2°34	4°52	11°29	2♊53	24°48	15°43	14°39	2° 5	20♊16	T 2
F 3	22 48 54	10°50'42	17°24	1°24	25°15	14°31	2°43	4°48	11°32	2°53	24°48	15°40	14°36	2°11	20°14	F 3
S 4	22 52 51	11°48'34	1♊22	1°17	26°29	15°10	2°52	4°43	11°35	2°53	24°49	15°39	14°33	2°18	20°12	S 4
S 5	22 56 47	12°46'26	15°29	1° 3	27°43	15°48	3° 0	4°39	11°39	2°52	24°49	15°D38	14°29	2°25	20°11	S 5
M 6	23 0 44	13°44'20	29°42	0°43	28°57	16°27	3° 9	4°34	11°42	2°52	24°50	15°39	14°26	2°31	20° 9	M 6
T 7	23 4 41	14°42'15	14♌0	0°18	0♌11	17° 5	3°17	4°30	11°46	2°52	24°50	15°40	14°23	2°38	20° 8	T 7
W 8	23 8 37	15°40'11	28°20	29♍46	1°25	17°44	3°25	4°25	11°49	2°52	24°50	15°42	14°20	2°45	20° 7	W 8
T 9	23 12 34	16°38'09	12♌39	29° 9	2°39	18°22	3°34	4°21	11°53	2°51	24°51	15°R42	14°17	2°51	20° 5	T 9
F 10	23 16 30	17°36'07	26°54	28°27	3°53	19° 0	3°42	4°17	11°56	2°51	24°51	15°42	14°14	2°58	20° 4	F 10
S 11	23 20 27	18°34'08	10♌59	27°40	5° 7	19°38	3°49	4°12	12° 0	2°51	24°51	15°40	14°10	3° 5	20° 3	S 11
S 12	23 24 23	19°32'09	24°51	26°49	6°21	20°16	3°57	4° 8	12° 3	2°51	24°52	15°36	14° 7	3°11	20° 2	S 12
M13	23 28 20	20°30'12	8♍26	25°54	7°35	20°54	4° 5	4° 4	12° 7	2°51	24°52	15°32	14° 4	3°18	20° 1	M13
T 14	23 32 16	21°28'17	24°57	8°49	21°32	21°32	4°12	4° 0	12°10	2°D51	24°52	15°26	14° 1	3°25	20° 0	T 14
W15	23 36 13	22°26'24	4♌37	23°59	10° 3	22°10	4°19	3°56	12°14	2°51	24°52	15°20	13°58	3°31	19°59	W15
T 16	23 40 10	23°24'33	17°14	23° 0	11°17	22°47	4°26	3°51	12°18	2°51	24°52	15°14	13°55	3°38	19°58	T 16
F 17	23 44 6	24°22'44	29°33	22° 3	12°31	23°25	4°33	3°47	12°21	2°51	24°53	15°10	13°51	3°45	19°58	F 17
S 18	23 48 3	25°20'56	11♌38	21° 9	13°45	24° 2	4°40	3°43	12°25	2°51	24°53	15° 7	13°48	3°51	19°57	S 18
S 19	23 51 59	26°19'11	23°34	20°18	14°59	24°39	4°47	3°39	12°29	2°51	24°53	15°D 6	13°45	3°58	19°56	S 19
M20	23 55 56	27°17'27	5♌24	19°33	16°13	25°16	4°53	3°35	12°32	2°52	24°53	15° 6	13°42	4° 5	19°56	M20
T 21	23 59 52	28°15'46	17°15	18°54	17°27	25°53	5° 0	3°31	12°36	2°52	24°53	15° 7	13°39	4°11	19°56	T 21
W22	0 3 49	29°14'07	29°12	18°22	18°40	26°30	5° 6	3°28	12°40	2°52	24°53	15° 9	13°35	4°18	19°55	W22
T 23	0 7 45	0♌12'29	11♌12	17°58	19°54	27° 7	5°12	3°24	12°43	2°52	24°53	15°R10	13°32	4°25	19°55	T 23
F 24	0 11 42	1°10'54	23°38	17°42	21° 8	27°44	5°18	3°20	12°47	2°53	24°R53	15°10	13°29	4°32	19°55	F 24
S 25	0 15 39	2° 9'20	6♍16	17°D36	22°22	28°21	5°24	3°16	12°51	2°53	24°53	15° 7	13°26	4°38	19°D55	S 25
S 26	0 19 35	3° 7'49	19°13	17°39	23°36	28°57	5°29	3°13	12°55	2°53	24°53	15° 3	13°23	4°45	19°55	S 26
M27	0 23 32	4° 6'19	2♌29	17°52	24°50	29°33	5°35	3° 9	12°58	2°54	24°53	14°57	13°20	4°52	19°55	M27
T 28	0 27 28	5° 4'52	16° 4	18°14	26° 4	0♌10	5°40	3° 6	13° 2	2°54	24°53	14°49	13°16	4°58	19°55	T 28
W29	0 31 25	6° 3'26	29°54	18°45	27°18	0°46	5°45	3° 2	13° 6	2°55	24°53	14°41	13°13	5° 5	19°56	W29
T 30	0 35 21	7♌2'02	13♌56	19♍25	28♌32	1♌22	5°50	2°59	13♌10	2♊55	24♌53	14°42	13°10	5°52	19♌56	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	8n12	12s10	4s43	4s11	3s58	4n 8	1n23	23n 5	0n23	22n50	0s30	11s10	1s37	3s53	0n40	22s 7
T 2	7 50	17 29	5 7	4 20	4 6	3 38	1 22	23 2	0 24	22 50	0 30	11 12	1 37	3 54	0 40	22 7
F 3	7 28	21 59	5 14	4 26	4 13	3 8	1 22	22 59	0 25	22 49	0 30	11 14	1 37	3 56	0 40	22 7
S 4	7 7	25 18	5 2	4 28	4 19	2 38	1 21	22 56	0 26	22 49	0 30	11 15	1 37	3 57	0 40	22 7
S 5	6 45	27 5	4 32	4 27	4 24	2 8	1 20	22 52	0 27	22 49	0 30	11 17	1 37	3 58	0 40	22 7
M 6	6 22	27 7	3 46	4 23	4 28	1 37	1 19	22 48	0 28	22 49	0 30	11 19	1 37	4 0	0 40	22 7
T 7	6 0	25 22	2 45	4 16	4 31	1 7	1 18	22 45	0 29	22 49	0 30	11 20	1 37	4 1	0 40	22 7
W 8	5 38	21 57	1 34	4 4	4 32	0 37	1 17	22 41	0 30	22 49	0 30	11 22	1 37	4 3	0 40	22 7
T 9	5 15	17 13	0 17	3 49	4 32	0 6	1 16	22 36	0 31	22 48	0 30	11 23	1 37	4 4	0 40	22 7
F 10	4 53	11 33	1n 1	3 31	4 30	0s24	1 14	22 32	0 32	22 48	0 30	11 25	1 37	4 5	0 40	22 7
S 11	4 30	5 22	2 14	3 9	4 26	0 55	1 13	22 28	0 33	22 48	0 30	11 27	1 37	4 7	0 40	22 7
S 12	4 8	0n59	3 17	2 43	4 20	1 25	1 12	22 23	0 33	22 48	0 30	11 28	1 37	4 8	0 40	22 8
M13	3 45	7 8	4 8	2 15	4 13	1 55	1 10	22 18	0 34	22 48	0 30	11 30	1 37	4 10	0 40	22 8
T 14	3 22	12 49	4 45	1 44	4 3	2 26	1 9	22 14	0 35	22 47	0 30	11 31	1 37	4 11	0 40	22 8
W15	2 59	17 48	5 5	1 10	3 52	2 56	1 7	22 8	0 36	22 47	0 30	11 33	1 37	4 12	0 40	22 8
T 16	2 37	21 53	5 10	0 35	3 39	3 26	1 6	22 3	0 37	22 47	0 30	11 34	1 37	4 14	0 40	22 8
F 17	2 14	24 53	5 1	0n 1	3 24	3 57	1 4	21 58	0 38	22 47	0 30	11 36	1 37	4 15	0 40	22 8
S 18	1 51	26 42	4 38	0 37	3 8	4 27	1 2	21 53	0 39	22 46	0 30	11 37	1 37	4 17	0 40	22 8
S 19	1 28	27 15	4 4	1 13	2 51	4 57	1 0	21 47	0 40	22 46	0 30	11 39	1 37	4 18	0 40	22 8
M20	1 4	26 33	3 19	1 47	2 32	5 27	0 59	21 41	0 41	22 46	0 30	11 40	1 37	4 20	0 40	22 8
T 21	0 41	24 39	2 25	2 20	2 13	5 57	0 57	21 35	0 42	22 46	0 30	11 42	1 37	4 21	0 40	22 8
W22	0 18	21 39	1 25	2 51	1 53	6 27	0 55	21 29	0 43	22 46	0 30	11 43	1 37	4 22	0 40	22 8
T 23	0s 5	17 40	0 21	3 18	1 34	6 57	0 53	21 23	0 44	22 45	0 30	11 44	1 37	4 24	0 40	22 8
F 24	0 28	12 53	0s46	3 42	1 14	7 26	0 51	21 17	0 45	22 45	0 30	11 46	1 37	4 25	0 40	22 8
S 25	0 51	7 27	1 51	4 3	0 55	7 55	0 49	21 11	0 46	22 45	0 30	11 47	1 37	4 27	0 40	22 8
S 26	1 14	1 36	2 53	4 19	0 36	8 25	0 47	21 4	0 48	22 45	0 30	11 48	1 37	4 28	0 40	22 8
M27	1 38	4s27	3 47	4 30	0 18	8 54	0 44	20 58	0 49	22 44	0 30	11 50	1 37	4 30	0 40	22 8
T 28	2 1	10 26	4 29	4 38	0 1	9 23	0 42	20 51	0 50	22 44	0 30	11 51	1 37	4 31	0 40	22 8
W29	2 24	16 1	4 56	4 40	0n15	9 51	0 40	20 45	0 51	22 44	0 30	11 52	1 37	4 33	0 40	22 8
T 30	2s47	20s50	5s 6	4n38	0n30	10s20	0n38	20n38	0n52	22n44	0s30	11s53	1s37	4s34	0n40	22s 8

Julian Day Number = 2685908.5, Delta T = 23m00s  
 Ecliptic obliquity = 23°21'28", Nutation = 0°00'13  
 Ayanamsha: Fagan/Bradley = 33°42'57", Lahiri = 32°49'57"

## ASTRODIENST EPHEMERIS for the year 2641

OCTOBER 2641

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	0 39 18	8♂ 0'39	28♂ 5	20♂ 13	29♂ 46	1♂ 58	5♂ 54	2°R56	13♂ 14	2♂ 56	24°R53	14°R25	13♂ 7	5♂ 18	19♂ 57	F 1
S 2	0 43 14	8°59'19	12♂ 18	21°10	1♂ 0	2°34	5°59	2♂ 53	13°17	2°56	24°II53	14♂ 20	13° 4	5°25	19°57	S 2
S 3	0 47 11	9°58'00	26°30	22°13	2°14	3° 9	6° 3	2°49	13°21	2°57	24°52	14°17	13° 0	5°32	19°58	S 3
M 4	0 51 8	10°56'42	10♂ 41	23°24	3°27	3°45	6° 7	2°46	13°25	2°57	24°52	14°D17	12°57	5°38	19°59	M 4
T 5	0 55 4	11°55'27	24°47	24°40	4°41	4°20	6°11	2°43	13°29	2°58	24°52	14°17	12°54	5°45	19°59	T 5
W 6	0 59 1	12°54'13	8♂ 48	26° 2	5°55	4°55	6°15	2°40	13°33	2°59	24°52	14°R18	12°51	5°52	20° 0	W 6
T 7	1 2 57	13°53'00	22°43	27°29	7° 9	5°30	6°19	2°38	13°36	3° 0	24°52	14°18	12°48	5°58	20° 1	T 7
F 8	1 6 54	14°51'49	6♂ 30	29° 0	8°23	6° 5	6°22	2°35	13°40	3° 0	24°51	14°15	12°45	6° 5	20° 2	F 8
S 9	1 10 50	15°50'40	20°10	0♂ 34	9°37	6°40	6°26	2°32	13°44	3° 1	24°51	14°11	12°41	6°12	20° 3	S 9
S 10	1 14 47	16°49'33	3♂ 39	2°11	10°50	7°15	6°29	2°30	13°48	3° 2	24°51	14° 4	12°38	6°18	20° 5	S 10
M 11	1 18 43	17°48'27	16°55	3°51	12° 4	7°50	6°32	2°27	13°51	3° 3	24°50	13°54	12°35	6°25	20° 6	M 11
T 12	1 22 40	18°47'24	29°57	5°33	13°18	8°24	6°34	2°25	13°55	3° 4	24°50	13°43	12°32	6°32	20° 7	T 12
W 13	1 26 37	19°46'23	12♂ 43	7°16	14°32	8°58	6°37	2°22	13°59	3° 5	24°50	13°31	12°29	6°38	20° 9	W 13
T 14	1 30 33	20°45'24	25°14	9° 1	15°45	9°32	6°39	2°20	14° 3	3° 6	24°49	13°20	12°26	6°45	20°10	T 14
F 15	1 34 30	21°44'27	7♂ 29	10°46	16°59	10° 6	6°41	2°18	14° 7	3° 7	24°49	13°11	12°22	6°52	20°12	F 15
S 16	1 38 26	22°43'32	19°32	12°32	18°13	10°40	6°43	2°16	14°10	3° 8	24°48	13° 3	12°19	6°58	20°14	S 16
S 17	1 42 23	23°42'40	1♂ 27	14°18	19°27	11°14	6°45	2°14	14°14	3° 9	24°48	12°59	12°16	7° 5	20°15	S 17
M 18	1 46 19	24°41'49	13°16	16° 5	20°40	11°48	6°47	2°12	14°18	3°10	24°47	12°56	12°13	7°12	20°17	M 18
T 19	1 50 16	25°41'01	25° 5	17°51	21°54	12°21	6°48	2°10	14°22	3°11	24°47	12°D55	12°10	7°18	20°19	T 19
W 20	1 54 12	26°40'16	7♂ 1	19°37	23° 8	12°54	6°49	2° 9	14°25	3°12	24°46	12°R56	12° 6	7°25	20°21	W 20
T 21	1 58 9	27°39'32	19° 7	21°23	24°22	13°27	6°50	2° 7	14°29	3°13	24°46	12°56	12° 3	7°32	20°23	T 21
F 22	2 2 6	28°38'51	1♂ 29	23° 9	25°35	14° 0	6°51	2° 6	14°33	3°14	24°45	12°54	12° 0	7°38	20°25	F 22
S 23	2 6 2	29°38'12	14°12	24°54	26°49	14°33	6°51	2° 4	14°36	3°15	24°45	12°51	11°57	7°45	20°28	S 23
S 24	2 9 59	0♂ 37'35	27°19	26°38	28° 3	15° 6	6°52	2° 3	14°40	3°17	24°44	12°44	11°54	7°52	20°30	S 24
M 25	2 13 55	1°37'00	10♂ 51	28°22	29°16	15°38	6°R52	2° 2	14°44	3°18	24°43	12°36	11°51	7°58	20°32	M 25
T 26	2 17 52	2°36'28	24°46	0♂ 6	0♂ 30	16°11	6°52	2° 0	14°48	3°19	24°43	12°25	11°47	8° 5	20°35	T 26
W 27	2 21 48	3°35'58	9♂ 2	1°49	1°44	16°43	6°52	1°59	14°51	3°21	24°42	12°13	11°44	8°12	20°37	W 27
T 28	2 25 45	4°35'29	23°31	3°31	2°57	17°15	6°51	1°59	14°55	3°22	24°41	12° 1	11°41	8°18	20°40	T 28
F 29	2 29 41	5°35'03	8♂ 8	5°12	4°11	17°46	6°51	1°58	14°58	3°23	24°41	11°51	11°38	8°25	20°43	F 29
S 30	2 33 38	6°34'38	22°44	6°53	5°25	18°18	6°50	1°57	15° 2	3°25	24°40	11°43	11°35	8°32	20°45	S 30
S 31	2 37 35	7♂ 34'15	7♂ 14	8♂ 34	6♂ 38	18♂ 49	6♂ 49	1♂ 56	15♂ 6	3♂ 26	24°II39	11♂ 38	11♂ 32	8♂ 38	20♂ 48	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
F 1	3s10	24s30	4s57	4n32	0n44	10s48	0n35	20n31	0n53	22n44	0s30	11s54	1s37	4s36	0n40	22s 8
S 2	3 33	26 40	4 31	4 22	0 56	11 16	0 33	20 24	0 54	22 43	0 30	11 55	1 37	4 37	0 40	22 8
S 3	3 36	27 6	3 47	4 7	1 8	11 44	0 31	20 17	0 55	22 43	0 30	11 57	1 37	4 39	0 40	22 8
M 4	4 19	25 45	2 50	3 48	1 18	12 11	0 28	20 9	0 56	22 43	0 30	11 58	1 37	4 40	0 40	22 8
T 5	4 42	22 47	1 43	3 26	1 26	12 38	0 26	20 2	0 57	22 43	0 30	11 59	1 37	4 41	0 40	22 8
W 6	5 5	18 28	0 29	3 0	1 34	13 5	0 23	19 55	0 58	22 43	0 30	12 0	1 37	4 43	0 40	22 8
T 7	5 28	13 12	0n45	2 31	1 40	13 32	0 20	19 47	0 59	22 43	0 30	12 1	1 37	4 44	0 40	22 9
F 8	5 50	7 18	1 56	2 0	1 45	13 58	0 18	19 40	1 0	22 43	0 30	12 2	1 37	4 46	0 40	22 9
S 9	6 13	1 8	2 59	1 26	1 49	14 24	0 15	19 32	1 1	22 42	0 30	12 2	1 37	4 47	0 40	22 9
S 10	6 35	4n59	3 51	0 50	1 52	14 50	0 13	19 24	1 3	22 42	0 30	12 3	1 37	4 49	0 40	22 9
M 11	6 58	10 47	4 30	0 13	1 53	15 15	0 10	19 17	1 4	22 42	0 30	12 4	1 37	4 50	0 40	22 9
T 12	7 20	16 0	4 54	0s27	1 54	15 40	0 7	19 9	1 5	22 42	0 30	12 5	1 37	4 52	0 40	22 9
W 13	7 42	20 24	5 2	1 7	1 54	16 4	0 5	19 1	1 6	22 42	0 30	12 6	1 37	4 53	0 40	22 9
T 14	8 5	23 48	4 56	1 49	1 54	16 28	0 2	18 53	1 7	22 42	0 30	12 7	1 37	4 55	0 40	22 9
F 15	8 27	26 1	4 36	2 31	1 52	16 52	0s 1	18 45	1 8	22 42	0 30	12 7	1 36	4 56	0 40	22 9
S 16	8 49	27 0	4 4	3 14	1 50	17 15	0 4	18 37	1 9	22 42	0 30	12 8	1 36	4 58	0 40	22 9
S 17	9 10	26 43	3 22	3 58	1 48	17 38	0 6	18 29	1 11	22 42	0 30	12 9	1 36	4 59	0 40	22 9
M 18	9 32	25 12	2 31	4 42	1 45	18 1	0 9	18 20	1 12	22 42	0 30	12 9	1 36	5 0	0 40	22 9
T 19	9 54	22 34	1 33	5 25	1 41	18 22	0 12	18 12	1 13	22 41	0 30	12 10	1 36	5 2	0 40	22 9
W 20	10 15	18 58	0 31	6 9	1 37	18 44	0 15	18 4	1 14	22 41	0 30	12 10	1 36	5 3	0 40	22 9
T 21	10 36	14 31	0s33	6 53	1 32	19 5	0 18	17 56	1 15	22 41	0 30	12 11	1 36	5 5	0 40	22 9
F 22	10 57	9 24	1 37	7 37	1 27	19 25	0 21	17 47	1 16	22 41	0 30	12 11	1 36	5 6	0 40	22 9
S 23	11 18	3 46	2 38	8 20	1 22	19 45	0 23	17 39	1 18	22 41	0 29	12 12	1 36	5 8	0 40	22 9
S 24	11 39	2s11	3 32	9 3	1 17	20 5	0 26	17 31	1 19	22 41	0 29	12 12	1 36	5 9	0 40	22 9
M 25	12 0	8 13	4 16	9 45	1 11	20 24	0 29	17 22	1 20	22 41	0 29	12 12	1 36	5 10	0 40	22 9
T 26	12 20	14 0	4 47	10 27	1 5	20 42	0 32	17 14	1 21	22 41	0 29	12 13	1 36	5 12	0 40	22 9
W 27	12 40	19 11	5 0	11 8	0 59	21 0	0 35	17 5	1 23	22 42	0 29	12 13	1 36	5 13	0 40	22 9
T 28	13 0	23 20	4 55	11 49	0 53	21 17	0 37	16 57	1 24	22 42	0 29	12 13	1 35	5 15	0 40	22 9
F 29	13 20	26 2	4 30	12 29	0 46	21 34	0 40	16 48	1 25	22 42	0 29	12 14	1 35	5 16	0 40	22 9
S 30	13 40	26 57	3 48	13 8	0 40	21 50	0 43	16 40	1 26	22 42	0 29	12 14	1 35	5 17	0 40	22 9
S 31	13s59	26s 0	2s51	13s47	0n33	22s 6	0s46	16n31	1n28	22n42	0s29	12s14	1s35	5s19	0n40	22s 9

Julian Day Number = 2685938.5, Delta T = 23m00s

Ecliptic obliquity = 23°21'28", Nutation = 0°00'12"

Ayanamsha: Fagan/Bradley = 33°43'01", Lahiri = 32°50'01"

## ASTRODIENST EPHEMERIS for the year 2641

NOVEMBER 2641

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	2 41 31	8♂33'54	21♂34	10♂14	7♂52	19♂20	6°R47	1°R56	15♂9	3♂28	24°R39	11°R36	11♂28	8♂45	20♂51	M 1
T 2	2 45 28	9°33'35	5♂40	11°53	9°5	19°51	6♂46	1♂55	15°13	3°29	24♂38	11♂35	11°25	8°52	20°54	T 2
W 3	2 49 24	10°33'17	19°34	13°31	10°19	20°22	6°44	1°55	15°16	3°31	24°37	11°35	11°22	8°58	20°57	W 3
T 4	2 53 21	11°33'01	3♂14	15°9	11°33	20°53	6°42	1°55	15°20	3°32	24°36	11°34	11°19	9°5	21°0	T 4
F 5	2 57 17	12°32'46	16°42	16°47	12°46	21°23	6°40	1°55	15°23	3°34	24°36	11°31	11°16	9°12	21°3	F 5
S 6	3 1 14	13°32'33	29°59	18°23	14°0	21°53	6°38	1°D55	15°27	3°35	24°35	11°25	11°12	9°18	21°7	S 6
S 7	3 5 10	14°32'22	13♂5	20°0	15°13	22°23	6°36	1°55	15°30	3°37	24°34	11°17	11°9	9°25	21°10	S 7
M 8	3 9 7	15°32'12	25°59	21°36	16°27	22°53	6°33	1°55	15°34	3°39	24°33	11°5	11°6	9°32	21°13	M 8
T 9	3 13 4	16°32'04	8♂42	23°11	17°40	23°22	6°30	1°55	15°37	3°40	24°32	10°52	11°3	9°38	21°17	T 9
W10	3 17 0	17°31'59	21°14	24°46	18°54	23°51	6°27	1°56	15°40	3°42	24°31	10°38	11°0	9°45	21°20	W10
T 11	3 20 57	18°31'55	3♂33	26°20	20°7	24°21	6°24	1°56	15°44	3°44	24°30	10°24	10°57	9°52	21°24	T 11
F 12	3 24 53	19°31'53	15°42	27°54	21°20	24°49	6°20	1°57	15°47	3°45	24°30	10°13	10°53	9°58	21°28	F 12
S 13	3 28 50	20°31'53	27°40	29°27	22°34	25°18	6°17	1°58	15°50	3°47	24°29	10°3	10°50	10°5	21°31	S 13
S 14	3 32 46	21°31'55	9♂32	1♂0	23°47	25°46	6°13	1°59	15°54	3°49	24°28	9°57	10°47	10°12	21°35	S 14
M15	3 36 43	22°31'59	21°19	2°33	25°1	26°14	6°9	1°59	15°57	3°51	24°27	9°53	10°44	10°18	21°39	M15
T 16	3 40 39	23°32'06	3♂7	4°5	26°14	26°42	6°5	2°0	16°0	3°52	24°26	9°52	10°41	10°25	21°43	T 16
W17	3 44 36	24°32'14	14°59	5°37	27°27	27°10	6°1	2°2	16°3	3°54	24°25	9°D52	10°38	10°32	21°47	W17
T 18	3 48 33	25°32'24	27°3	7°9	28°41	27°37	5°56	2°3	16°7	3°56	24°24	9°R52	10°34	10°38	21°51	T 18
F 19	3 52 29	26°32'36	9♂23	8°40	29°54	28°4	5°51	2°4	16°10	3°58	24°23	9°51	10°31	10°45	21°55	F 19
S 20	3 56 26	27°32'50	22°4	10°11	1♂7	28°31	5°46	2°6	16°13	4°0	24°22	9°49	10°28	10°52	21°59	S 20
S 21	4 0 22	28°33'06	5♂11	11°41	2°20	28°58	5°41	2°7	16°16	4°2	24°21	9°44	10°25	10°58	22°3	S 21
M22	4 4 19	29°33'24	18°47	13°11	3°34	29°24	5°36	2°9	16°19	4°4	24°20	9°36	10°22	11°5	22°7	M22
T 23	4 8 15	0♂33'44	2♂50	14°41	4°47	29°50	5°31	2°10	16°22	4°6	24°19	9°26	10°18	11°12	22°12	T 23
W24	4 12 12	1°34'06	17°20	16°10	6°0	0♂16	5°25	2°12	16°25	4°8	24°18	9°16	10°15	11°18	22°16	W24
T 25	4 16 8	2°34'30	2♂8	17°39	7°13	0°41	5°20	2°14	16°28	4°10	24°17	9°5	10°12	11°25	22°21	T 25
F 26	4 20 5	3°34'55	17°8	19°7	8°26	1°6	5°14	2°16	16°31	4°12	24°16	8°56	10°9	11°32	22°25	F 26
S 27	4 24 2	4°35'22	2♂9	20°35	9°39	1°31	5°8	2°18	16°33	4°14	24°15	8°48	10°6	11°38	22°30	S 27
S 28	4 27 58	5°35'51	17°2	22°2	10°53	1°55	5°2	2°21	16°36	4°16	24°13	8°44	10°3	11°45	22°34	S 28
M29	4 31 55	6°36'20	1♂41	23°29	12°6	2°19	4°55	2°23	16°39	4°18	24°12	8°42	9°59	11°52	22°39	M29
T 30	4 35 51	7♂36'51	16♂1	24♂56	13♂19	2♂43	4♂49	2♂25	16♂42	4♂20	24♂11	8°D42	9♂56	11♂58	22♂43	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	14s19	23s21	1s44	14s25	0n27	22s21	0s49	16n23	1n29	22n42	0s29	12s14	1s35	5s20	0n40	22s9
T 2	14 38	19 18	0 31	15 2	0 20	22 35	0 51	16 14	1 30	22 42	0 29	12 14	1 35	5 22	0 40	22 9
W 3	14 56	14 14	0n42	15 38	0 13	22 49	0 54	16 6	1 31	22 42	0 29	12 14	1 35	5 23	0 40	22 9
T 4	15 15	8 33	1 52	16 13	0 6	23 2	0 57	15 57	1 33	22 42	0 29	12 14	1 35	5 24	0 40	22 9
F 5	15 33	2 33	2 54	16 48	0s0	23 14	1 0	15 49	1 34	22 42	0 29	12 14	1 35	5 26	0 40	22 9
S 6	15 51	3n27	3 46	17 22	0 7	23 26	1 2	15 40	1 35	22 43	0 29	12 14	1 35	5 27	0 40	22 9
S 7	16 9	9 13	4 25	17 54	0 14	23 37	1 5	15 32	1 37	22 43	0 29	12 14	1 35	5 28	0 40	22 9
M 8	16 26	14 30	4 50	18 26	0 21	23 47	1 8	15 23	1 38	22 43	0 29	12 14	1 34	5 29	0 40	22 9
T 9	16 43	19 5	5 0	18 57	0 28	23 57	1 10	15 15	1 39	22 43	0 29	12 13	1 34	5 31	0 40	22 9
W10	17 0	22 45	4 55	19 27	0 34	24 6	1 13	15 7	1 41	22 43	0 29	12 13	1 34	5 32	0 40	22 9
T 11	17 17	25 19	4 36	19 56	0 41	24 14	1 15	14 58	1 42	22 43	0 29	12 13	1 34	5 33	0 40	22 9
F 12	17 33	26 39	4 5	20 24	0 47	24 22	1 18	14 50	1 44	22 44	0 29	12 13	1 34	5 35	0 40	22 9
S 13	17 49	26 44	3 24	20 50	0 54	24 29	1 20	14 42	1 45	22 44	0 29	12 12	1 34	5 36	0 40	22 9
S 14	18 5	25 34	2 33	21 16	1 0	24 35	1 23	14 33	1 46	22 44	0 29	12 12	1 34	5 37	0 40	22 9
M15	18 20	23 16	1 37	21 41	1 6	24 41	1 25	14 25	1 48	22 44	0 29	12 11	1 34	5 38	0 40	22 9
T 16	18 36	19 59	0 36	22 5	1 12	24 45	1 27	14 17	1 49	22 45	0 28	12 11	1 34	5 40	0 40	22 9
W17	18 50	15 51	0s27	22 27	1 18	24 50	1 30	14 9	1 51	22 45	0 28	12 10	1 34	5 41	0 40	22 9
T 18	19 5	11 2	1 30	22 49	1 24	24 53	1 32	14 1	1 52	22 45	0 28	12 10	1 34	5 42	0 40	22 9
F 19	19 19	5 42	2 30	23 9	1 30	24 55	1 34	13 53	1 54	22 45	0 28	12 9	1 33	5 43	0 40	22 9
S 20	19 33	0 0	3 24	23 28	1 35	24 57	1 36	13 45	1 55	22 46	0 28	12 9	1 33	5 44	0 40	22 9
S 21	19 46	5s53	4 10	23 46	1 41	24 58	1 38	13 37	1 57	22 46	0 28	12 8	1 33	5 45	0 40	22 9
M22	19 59	11 42	4 43	24 3	1 46	24 59	1 40	13 29	1 58	22 46	0 28	12 7	1 33	5 47	0 40	22 9
T 23	20 12	17 7	5 1	24 19	1 51	24 58	1 42	13 22	2 0	22 47	0 28	12 7	1 33	5 48	0 40	22 9
W24	20 24	21 44	5 0	24 33	1 56	24 57	1 44	13 14	2 1	22 47	0 28	12 6	1 33	5 49	0 40	22 9
T 25	20 36	25 4	4 39	24 47	2 0	24 55	1 46	13 6	2 3	22 47	0 28	12 5	1 33	5 50	0 40	22 9
F 26	20 48	26 42	3 59	24 59	2 4	24 53	1 48	12 59	2 4	22 48	0 28	12 4	1 33	5 51	0 40	22 8
S 27	20 59	26 22	3 2	25 9	2 8	24 50	1 49	12 52	2 6	22 48	0 28	12 4	1 33	5 52	0 40	22 8
S 28	21 10	24 9	1 53	25 19	2 12	24 46	1 51	12 44	2 7	22 48	0 28	12 3	1 33	5 53	0 40	22 8
M29	21 20	20 19	0 37	25 27	2 15	24 41	1 53	12 37	2 9	22 48	0 28	12 2	1 32	5 54	0 40	22 8
T 30	21s30	15s22	0n39	25s34	2s18	24s35	1s54	12n30	2n11	22n49	0s27	12s1	1s32	5s55	0n40	22s8

Julian Day Number = 2685969.5, Delta T = 23m01s

Ecliptic obliquity = 23°21'27", Nutation = 0°00'12"

Ayanamsha: Fagan/Bradley = 33°43'06", Lahiri = 32°50'06"

## ASTRODIENST EPHEMERIS for the year 2641

DECEMBER 2641

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	4 39 48	8°37'23	0°00'00	26°21'21	14°33'32	3°00'00	4°00'00	2°00'00	1°00'00	0°00'00	0°00'00	0°00'00	0°00'00	0°00'00	0°00'00	W 1
T 2	4 43 44	9°37'56	13°39	27°46	15°45	3°29	4°36	2°31	1°47	0°42	0°24	0°10	0°05	0°02	0°01	T 2
F 3	4 47 41	10°38'30	27°0	29°10	16°58	3°52	4°29	2°33	1°50	0°46	0°26	0°11	0°06	0°03	0°01	F 3
S 4	4 51 37	11°39'06	10°00'00	0°00'00	18°10	4°15	4°22	2°36	1°52	0°48	0°28	0°12	0°07	0°04	0°02	S 4
S 5	4 55 34	12°39'42	22°52	1°56	19°23	4°37	4°15	2°39	1°55	0°43	0°24	0°10	0°05	0°02	0°01	S 5
M 6	4 59 31	13°40'20	5°00'00	3°17	20°36	4°58	4°08	2°42	1°57	0°43	0°24	0°10	0°05	0°02	0°01	M 6
T 7	5 3 27	14°40'59	17°54	4°37	21°49	5°19	4°00	2°45	1°50	0°43	0°24	0°10	0°05	0°02	0°01	T 7
W 8	5 7 24	15°41'39	0°00'00	5°55	23°02	5°40	3°53	2°48	1°52	0°43	0°24	0°10	0°05	0°02	0°01	W 8
T 9	5 11 20	16°42'21	12°17	7°11	24°14	6°01	3°45	2°52	1°55	0°43	0°24	0°10	0°05	0°02	0°01	T 9
F 10	5 15 17	17°43'03	24°16	8°25	25°27	6°21	3°38	2°55	1°57	0°41	0°24	0°10	0°05	0°02	0°01	F 10
S 11	5 19 13	18°43'47	6°00'00	9°37	26°40	6°40	3°30	2°58	1°59	0°43	0°23	0°09	0°04	0°02	0°01	S 11
S 12	5 23 10	19°44'33	17°58	10°47	27°52	7°00	3°23	3°02	1°50	0°46	0°23	0°09	0°04	0°02	0°01	S 12
M13	5 27 6	20°45'19	29°45	11°53	29°05	7°18	3°15	3°05	1°50	0°48	0°23	0°09	0°04	0°02	0°01	M13
T 14	5 31 3	21°46'07	11°00'00	12°56	0°00'00	7°37	3°07	3°09	1°50	0°48	0°23	0°09	0°04	0°02	0°01	T 14
W15	5 35 0	22°46'56	23°26	13°55	1°29	7°55	2°59	3°13	1°50	0°48	0°23	0°09	0°04	0°02	0°01	W15
T 16	5 38 56	23°47'46	5°00'00	14°49	2°42	8°12	2°51	3°17	1°50	0°48	0°23	0°09	0°04	0°02	0°01	T 16
F 17	5 42 53	24°48'38	17°46	15°38	3°54	8°29	2°43	3°21	1°50	0°47	0°23	0°09	0°04	0°02	0°01	F 17
S 18	5 46 49	25°49'31	0°00'00	16°21	5°06	8°45	2°35	3°25	1°50	0°47	0°23	0°09	0°04	0°02	0°01	S 18
S 19	5 50 46	26°50'25	13°24	16°58	6°19	9°01	2°27	3°29	1°50	0°47	0°23	0°09	0°04	0°02	0°01	S 19
M20	5 54 42	27°51'21	26°52	17°27	7°31	9°17	2°19	3°33	1°50	0°47	0°23	0°09	0°04	0°02	0°01	M20
T 21	5 58 39	28°52'18	10°00'00	17°47	8°43	9°32	2°11	3°38	1°50	0°47	0°23	0°09	0°04	0°02	0°01	T 21
W22	6 2 35	29°53'16	25°16	17°58	9°55	9°46	2°02	3°42	1°50	0°47	0°23	0°09	0°04	0°02	0°01	W22
T 23	6 6 32	0°00'00	10°00'00	18°00	11°07	10°00	1°54	3°46	1°50	0°47	0°23	0°09	0°04	0°02	0°01	T 23
F 24	6 10 29	1°55'15	17°50	12°19	10°13	1°46	3°51	1°50	0°47	0°23	0°09	0°04	0°02	0°01	0°00	F 24
S 25	6 14 25	2°56'16	10°00'00	17°29	13°30	10°26	1°38	3°56	1°50	0°47	0°23	0°09	0°04	0°02	0°01	S 25
S 26	6 18 22	3°57'17	25°40	16°56	14°42	10°38	1°30	4°00	1°50	0°47	0°23	0°09	0°04	0°02	0°01	S 26
M27	6 22 18	4°58'19	10°00'00	16°12	15°54	10°50	1°22	4°05	1°50	0°47	0°23	0°09	0°04	0°02	0°01	M27
T 28	6 26 15	5°59'22	25°18	15°17	17°05	11°01	1°14	4°10	1°50	0°47	0°23	0°09	0°04	0°02	0°01	T 28
W29	6 30 11	7°00'25	9°00'00	14°12	18°17	11°11	1°05	4°15	1°50	0°47	0°23	0°09	0°04	0°02	0°01	W29
T 30	6 34 8	8°01'28	23°22	12°59	19°28	11°21	0°57	4°20	1°50	0°47	0°23	0°09	0°04	0°02	0°01	T 30
F 31	6 38 5	9°00'23	6°00'00	11°00'00	20°00'00	11°30	0°49	4°25	1°50	0°47	0°23	0°09	0°04	0°02	0°01	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	21s40	9s41	1n51	25s39	2s21	24s29	1s56	12n23	2n12	22n49	0s27	12s0	1s32	5s56	0n40	22s8
T 2	21 49	3 42	2 56	25 43	2 23	24 22	1 57	12 16	2 14	22 49	0 27	11 59	1 32	5 57	0 40	22 8
F 3	21 58	2n19	3 49	25 46	2 25	24 15	1 58	12 10	2 16	22 50	0 27	11 58	1 32	5 58	0 40	22 8
S 4	22 6	8 5	4 29	25 48	2 27	24 6	2 0	12 3	2 17	22 50	0 27	11 57	1 32	5 59	0 40	22 8
S 5	22 14	13 25	4 54	25 48	2 28	23 57	2 1	11 57	2 19	22 50	0 27	11 55	1 32	6 0	0 40	22 8
M 6	22 22	18 6	5 5	25 47	2 28	23 47	2 2	11 50	2 21	22 51	0 27	11 54	1 32	6 1	0 40	22 8
T 7	22 29	21 55	5 1	25 45	2 28	23 37	2 3	11 44	2 23	22 51	0 27	11 53	1 32	6 2	0 41	22 8
W 8	22 36	24 44	4 43	25 41	2 27	23 26	2 4	11 38	2 24	22 51	0 27	11 52	1 32	6 3	0 41	22 8
T 9	22 42	26 22	4 13	25 36	2 26	23 14	2 5	11 32	2 26	22 52	0 27	11 51	1 32	6 4	0 41	22 8
F 10	22 48	26 45	3 31	25 30	2 24	23 2	2 5	11 27	2 28	22 52	0 26	11 49	1 31	6 5	0 41	22 8
S 11	22 53	25 54	2 41	25 22	2 22	22 49	2 6	11 21	2 30	22 52	0 26	11 48	1 31	6 5	0 41	22 8
S 12	22 58	23 52	1 44	25 13	2 19	22 35	2 6	11 15	2 31	22 53	0 26	11 47	1 31	6 6	0 41	22 8
M13	23 2 20	49 0	42 25	4 2	2 15	22 21	2 7	11 10	2 33	22 53	0 26	11 45	1 31	6 7	0 41	22 8
T 14	23 6 16	54 0s22	24 53	2 10	22 6	2 7	11 5	2 35	22 53	0 26	11 44	1 31	6 8	0 41	22 8	1 9
W15	23 10 12	19 1	25 24	41 2	4 21	21 50	2 8	11 0	2 37	22 54	0 26	11 42	1 31	6 9	0 41	22 8
T 16	23 13 7	12 2	26 24	28 1	5 7	21 34	2 8	10 55	2 39	22 54	0 26	11 41	1 31	6 9	0 41	22 7
F 17	23 15 1	44 3	21 24	15 1	49 21	17 2	8 10	51 2	41 22	54 0	26 11	39 1	31 6	10 0	41 22	7 1
S 18	23 18 3s57	4 8	24 0	1 40	21 0	2 8	10 46	2 43	22 54	0 26	11 38	1 31	6 11	0 41	22 7	1 9
S 19	23 19 9 38	4 44	23 46	1 29	20 42	2 8	10 42	2 45	22 55	0 25	11 36	1 31	6 11	0 41	22 7	1 9
M20	23 20 15 4	5 6	23 30	1 18	20 23	2 8	10 38	2 46	22 55	0 25	11 35	1 31	6 12	0 41	22 7	1 9
T 21	23 21 19 56	5 10	23 15	1 5	20 4	2 7	10 34	2 48	22 55	0 25	11 33	1 31	6 13	0 41	22 7	1 9
W22	23 21 23 48	4 56	22 59	0 50	19 45	2 7	10 31	2 50	22 56	0 25	11 31	1 30	6 13	0 41	22 7	1 9
T 23	23 21 26 12	4 22	22 44	0 35	19 24	2 6	10 27	2 52	22 56	0 25	11 30	1 30	6 14	0 41	22 7	1 9
F 24	23 21 26 45	3 28	22 28	0 18	19 4	2 6	10 24	2 54	22 56	0 25	11 28	1 30	6 15	0 41	22 7	1 9
S 25	23 19 25 16	2 20	22 13	0 0	18 43	2 5	10 21	2 56	22 56	0 25	11 26	1 30	6 15	0 41	22 7	1 9
S 26	23 18 21 57	1 2	21 59	0n19	18 21	2 4	10 18	2 58	22 56	0 24	11 24	1 30	6 16	0 41	22 7	1 8
M27	23 16 17 11	0n20	21 45	0 38	17 59	2 4	10 16	3 1	22 57	0 24	11 23	1 30	6 16	0 41	22 7	1 8
T 28	23 13 11 30	1 39	21 31	0 58	17 36	2 3	10 14	3 3	22 57	0 24	11 21	1 30	6 17	0 41	22 7	1 8
W29	23 10 5 21	2 49	21 19	1 18	17 13	2 1	10 12	3 5	22 57	0 24	11 19	1 30	6 17	0 41	22 6	1 8
T 30	23 7 0n51	3 47	21 7	1 37	16 50	2 0	10 10	3 7	22 57	0 24	11 17	1 30	6 18	0 41	22 6	1 8
F 31	23s3	6n50	4n31	20s56	1n56	16s26	1s59	10n8	3n9	22n58	0s24	11s15	1s30	6s18	0n41	22s6

Julian Day Number = 2685999.5, Delta T = 23m01s

Ecliptic obliquity = 23°21'27", Nutation = 0°00'12"

Ayanamsha: Fagan/Bradley = 33°43'10", Lahiri = 32°50'10"

## ASTRODIENST EPHEMERIS for the year 2642

JANUARY 2642

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 42 1	10°3'35	19°49	10°R18	21°51	11°39	0°R41	4°30	17°46	5°31	23°R35	7°R 6	8°15	15°33	25°33	S 1
S 2	6 45 58	11° 4'39	2°31	8°56	23° 2	11°46	0°33	4°35	17°47	5°33	23°R34	7° 4	8°11	15°38	25°38	S 2
M 3	6 49 54	12° 5'43	14°58	7°35	24°13	11°54	0°26	4°40	17°48	5°35	23°33	7° 1	8° 8	15°45	25°44	M 3
T 4	6 53 51	13° 6'48	27°12	6°19	25°24	12° 0	0°18	4°46	17°49	5°37	23°32	6°57	8° 5	15°51	25°50	T 4
W 5	6 57 47	14° 7'52	9°16	5°11	26°35	12° 6	0°10	4°51	17°50	5°40	23°31	6°53	8° 2	15°58	25°56	W 5
T 6	7 1 44	15° 8'57	21°12	4°10	27°46	12°11	0° 2	4°57	17°51	5°42	23°30	6°49	7°59	16° 5	26° 1	T 6
F 7	7 5 40	16°10'02	3°4	3°20	28°56	12°16	29°II55	5° 2	17°52	5°44	23°29	6°46	7°56	16°11	26° 7	F 7
S 8	7 9 37	17°11'08	14°54	2°40	0°X 7	12°19	29°47	5° 8	17°53	5°46	23°28	6°44	7°52	16°18	26°13	S 8
S 9	7 13 34	18°12'13	26°42	2°10	1°17	12°22	29°40	5°13	17°54	5°49	23°27	6°42	7°49	16°25	26°19	S 9
M10	7 17 30	19°13'19	8°31	1°51	2°28	12°25	29°33	5°19	17°55	5°51	23°26	6°D42	7°46	16°31	26°25	M10
T 11	7 21 27	20°14'25	20°24	1°D42	3°38	12°26	29°26	5°25	17°55	5°53	23°25	6°42	7°43	16°38	26°30	T 11
W12	7 25 23	21°15'31	2°12	1°43	4°48	12°27	29°18	5°31	17°56	5°55	23°24	6°44	7°40	16°45	26°36	W12
T 13	7 29 20	22°16'37	14°31	1°52	5°58	12°R27	29°12	5°37	17°56	5°57	23°23	6°45	7°36	16°51	26°42	T 13
F 14	7 33 16	23°17'44	26°52	2° 9	7° 7	12°26	29° 5	5°42	17°57	6° 0	23°22	6°46	7°33	16°58	26°48	F 14
S 15	7 37 13	24°18'51	9°28	2°34	8°17	12°25	28°58	5°48	17°57	6° 2	23°21	6°47	7°30	17° 5	26°54	S 15
S 16	7 41 9	25°19'58	22°25	3° 5	9°26	12°23	28°51	5°54	17°58	6° 4	23°20	6°R48	7°27	17°11	27° 0	S 16
M17	7 45 6	26°21'06	5°45	3°43	10°36	12°19	28°45	6° 1	17°58	6° 6	23°19	6°48	7°24	17°18	27° 5	M17
T 18	7 49 3	27°22'14	19°30	4°26	11°45	12°15	28°39	6° 7	17°58	6° 8	23°18	6°47	7°21	17°25	27°11	T 18
W19	7 52 59	28°23'22	3°41	5°13	12°54	12°11	28°32	6°13	17°59	6°10	23°17	6°46	7°17	17°31	27°17	W19
T 20	7 56 56	29°24'30	18°17	6° 5	14° 3	12° 5	28°26	6°19	17°59	6°12	23°16	6°45	7°14	17°38	27°23	T 20
F 21	8 0 52	0°25'38	3°13	7° 1	15°12	11°59	28°21	6°25	17°59	6°15	23°15	6°44	7°11	17°45	27°29	F 21
S 22	8 4 49	1°26'46	18°21	8° 0	16°20	11°52	28°15	6°32	17°R59	6°17	23°14	6°44	7° 8	17°51	27°35	S 22
S 23	8 8 45	2°27'54	3°33	9° 3	17°28	11°44	28° 9	6°38	17°59	6°19	23°13	6°D44	7° 5	17°58	27°40	S 23
M24	8 12 42	3°29'02	18°39	10° 8	18°37	11°35	28° 4	6°45	17°59	6°21	23°12	6°44	7° 2	18° 4	27°46	M24
T 25	8 16 39	4°30'09	3°31	11°15	19°45	11°25	27°59	6°51	17°59	6°23	23°12	6°44	6°58	18°11	27°52	T 25
W26	8 20 35	5°31'15	18° 0	12°25	20°52	11°15	27°54	6°58	17°59	6°25	23°11	6°44	6°55	18°18	27°58	W26
T 27	8 24 32	6°32'21	2°Y 3	13°37	22° 0	11° 3	27°49	7° 4	17°58	6°27	23°10	6°R44	6°52	18°24	28° 4	T 27
F 28	8 28 28	7°33'26	15°39	14°50	23° 8	10°51	27°44	7°11	17°58	6°29	23° 9	6°44	6°49	18°31	28° 9	F 28
S 29	8 32 25	8°34'30	28°49	16° 6	24°15	10°39	27°39	7°17	17°58	6°31	23° 8	6°44	6°46	18°38	28°15	S 29
S 30	8 36 21	9°35'34	11°34	17°22	25°22	10°25	27°35	7°24	17°57	6°33	23° 8	6°D44	6°42	18°44	28°21	S 30
M31	8 40 18	10°36'36	24°8 0	18°341	26°X28	10°11	27°II31	7°X31	17°57	6°35	23°II 7	6°44	6°39	18°51	28°27	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	22s59	12n21	5n 0	20s45	2n13	16s 2	1s57	10n 7	3n11	22n58	0s24	11s13	1s30	6s19	0n41	22s 6
S 2	22 54	17 12	5 13	20 36	2 27	15 37	1 56	10 6	3 13	22 58	0 23	11 11	1 30	6 19	0 41	22 6
M 3	22 49	21 13	5 11	20 28	2 40	15 12	1 54	10 5	3 15	22 58	0 23	11 9	1 30	6 20	0 41	22 6
T 4	22 43	24 15	4 55	20 22	2 51	14 47	1 53	10 5	3 17	22 58	0 23	11 7	1 30	6 20	0 41	22 6
W 5	22 37	26 8	4 26	20 17	2 59	14 21	1 51	10 4	3 20	22 59	0 23	11 5	1 30	6 20	0 41	22 6
T 6	22 30	26 49	3 45	20 14	3 4	13 55	1 49	10 4	3 22	22 59	0 23	11 3	1 30	6 21	0 41	22 6
F 7	22 23	26 14	2 55	20 12	3 7	13 28	1 47	10 5	3 24	22 59	0 23	11 1	1 29	6 21	0 41	22 6
S 8	22 15	24 29	1 58	20 12	3 8	13 1	1 44	10 5	3 26	22 59	0 22	10 59	1 29	6 21	0 42	22 6
S 9	22 7	21 39	0 55	20 13	3 7	12 34	1 42	10 6	3 28	22 59	0 22	10 57	1 29	6 21	0 42	22 5
M10	21 59	17 54	0s10	20 16	3 4	12 7	1 40	10 7	3 30	22 59	0 22	10 55	1 29	6 22	0 42	22 5
T 11	21 50	13 27	1 15	20 21	3 0	11 39	1 37	10 9	3 33	22 59	0 22	10 53	1 29	6 22	0 42	22 5
W12	21 41	8 27	2 18	20 26	2 55	11 11	1 35	10 10	3 35	23 0	0 22	10 51	1 29	6 22	0 42	22 5
T 13	21 31	3 5	3 15	20 32	2 48	10 43	1 32	10 12	3 37	23 0	0 22	10 48	1 29	6 22	0 42	22 5
F 14	21 21	2s29	4 4	20 39	2 41	10 15	1 29	10 15	3 39	23 0	0 21	10 46	1 29	6 22	0 42	22 5
S 15	21 11	8 4	4 42	20 47	2 33	9 46	1 26	10 17	3 41	23 0	0 21	10 44	1 29	6 23	0 42	22 5
S 16	21 0	13 27	5 8	20 54	2 25	9 17	1 23	10 20	3 43	23 0	0 21	10 42	1 29	6 23	0 42	22 5
M17	20 49	18 23	5 17	21 2	2 16	8 48	1 20	10 23	3 46	23 0	0 21	10 39	1 29	6 23	0 42	22 5
T 18	20 37	22 31	5 10	21 10	2 7	8 19	1 16	10 27	3 48	23 0	0 21	10 37	1 29	6 23	0 42	22 5
W19	20 25	25 27	4 43	21 17	1 58	7 49	1 13	10 31	3 50	23 0	0 21	10 35	1 29	6 23	0 42	22 4
T 20	20 12	26 48	3 58	21 25	1 49	7 20	1 10	10 35	3 52	23 0	0 20	10 32	1 29	6 23	0 42	22 4
F 21	19 59	26 15	2 56	21 31	1 39	6 50	1 6	10 39	3 54	23 1	0 20	10 30	1 29	6 23	0 42	22 4
S 22	19 46	23 46	1 40	21 37	1 30	6 20	1 2	10 44	3 56	23 1	0 20	10 28	1 29	6 23	0 42	22 4
S 23	19 33	19 35	0 18	21 43	1 20	5 50	0 58	10 49	3 58	23 1	0 20	10 25	1 29	6 23	0 42	22 4
M24	19 19	14 8	1n 6	21 48	1 11	5 19	0 54	10 54	4 0	23 1	0 20	10 23	1 29	6 23	0 42	22 4
T 25	19 4	7 57	2 24	21 52	1 1	4 49	0 50	10 59	4 2	23 1	0 20	10 21	1 29	6 23	0 42	22 4
W26	18 50	1 30	3 30	21 55	0 52	4 19	0 46	11 5	4 4	23 1	0 19	10 18	1 29	6 23	0 42	22 4
T 27	18 34	4n49	4 22	21 57	0 43	3 48	0 42	11 11	4 6	23 1	0 19	10 16	1 29	6 23	0 42	22 4
F 28	18 19	10 42	4 57	21 59	0 34	3 18	0 38	11 18	4 8	23 1	0 19	10 13	1 29	6 22	0 42	22 3
S 29	18 3	15 55	5 15	21 59	0 25	2 47	0 33	11 24	4 10	23 1	0 19	10 11	1 29	6 22	0 42	22 3
S 30	17 47	20 16	5 17	21 58	0 16	2 16	0 28	11 31	4 11	23 1	0 19	10 8	1 29	6 22	0 42	22 3
M31	17s31	23n37	5n 4	21s56	0n 8	1s46	0s24	11n38	4n13	23n 2	0s18	10s 6	1s29	6s22	0n42	22s 3

Julian Day Number = 2686030.5, Delta T = 23m01s

Ecliptic obliquity = 23°21'26, Nutation = 0°00'14

Ayanamsha: Fagan/Bradley = 33°43'14, Lahiri = 32°50'14

## ASTRODIENST EPHEMERIS for the year 2642

FEBRUARY 2642

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 44 14	11°37'38	6°11'10	20°30'0	27°17'35	9°R56	27°R27	7°H38	17°R56	6°337	23°R 6	6°44	6°36	18°58	28°32	T 1
W 2	8 48 11	12°38'39	18° 8	21°21	28°41	9°R40	27°R23	7°44	17°56	6°39	23°R 6	6°45	6°33	19° 4	28°38	W 2
T 3	8 52 8	13°39'39	29°59	22°43	29°47	9°23	27°19	7°51	17°55	6°41	23° 5	6°46	6°30	19°11	28°44	T 3
F 4	8 56 4	14°40'39	11°547	24° 5	0°Y53	9° 6	27°16	7°58	17°54	6°43	23° 4	6°47	6°27	19°18	28°49	F 4
S 5	9 0 1	15°41'37	23°35	25°29	1°58	8°48	27°13	8° 5	17°54	6°45	23° 4	6°47	6°23	19°24	28°55	S 5
S 6	9 3 57	16°42'34	5°Q25	26°54	3° 4	8°30	27°10	8°12	17°53	6°46	23° 3	6°R48	6°20	19°31	29° 1	S 6
M 7	9 7 54	17°43'31	17°21	28°20	4° 8	8°11	27° 7	8°19	17°52	6°48	23° 2	6°47	6°17	19°38	29° 6	M 7
T 8	9 11 50	18°44'26	29°23	29°46	5°13	7°51	27° 4	8°26	17°51	6°50	23° 2	6°46	6°14	19°44	29°12	T 8
W 9	9 15 47	19°45'21	11°R34	1°13	6°17	7°31	27° 2	8°33	17°50	6°52	23° 1	6°45	6°11	19°51	29°17	W 9
T 10	9 19 43	20°46'15	23°55	2°42	7°21	7°10	27° 0	8°40	17°49	6°54	23° 1	6°43	6° 8	19°58	29°23	T 10
F 11	9 23 40	21°47'08	6°A28	4°11	8°25	6°49	26°58	8°47	17°48	6°55	23° 0	6°41	6° 4	20° 4	29°28	F 11
S 12	9 27 37	22°48'00	19°15	5°40	9°28	6°27	26°56	8°54	17°47	6°57	22°59	6°38	6° 1	20°11	29°34	S 12
S 13	9 31 33	23°48'52	2°M17	7°11	10°31	6° 5	26°54	9° 1	17°46	6°59	22°59	6°37	5°58	20°18	29°39	S 13
M14	9 35 30	24°49'42	15°36	8°42	11°34	5°42	26°53	9° 8	17°45	7° 0	22°59	6°36	5°55	20°24	29°45	M14
T 15	9 39 26	25°50'32	29°13	10°14	12°36	5°19	26°51	9°15	17°44	7° 2	22°58	6°D35	5°52	20°31	29°50	T 15
W16	9 43 23	26°51'22	13°A10	11°47	13°38	4°56	26°50	9°22	17°42	7° 4	22°58	6°36	5°48	20°37	29°56	W16
T 17	9 47 19	27°52'10	27°26	13°21	14°40	4°33	26°49	9°29	17°41	7° 5	22°57	6°37	5°45	20°44	0° 1	T 17
F 18	9 51 16	28°52'58	12°Y 0	14°55	15°41	4° 9	26°49	9°36	17°40	7° 7	22°57	6°39	5°42	20°51	0° 6	F 18
S 19	9 55 12	29°53'45	26°46	16°30	16°41	3°45	26°48	9°44	17°38	7° 8	22°56	6°40	5°39	20°57	0°12	S 19
S 20	9 59 9	0°H54'30	11°A40	18° 6	17°42	3°21	26°48	9°51	17°37	7°10	22°56	6°R40	5°36	21° 4	0°17	S 20
M21	10 3 6	1°55'15	26°34	19°43	18°42	2°57	26°D48	9°58	17°35	7°11	22°56	6°39	5°33	21°11	0°22	M21
T 22	10 7 2	2°55'58	11°H21	21°21	19°41	2°33	26°48	10° 5	17°34	7°13	22°55	6°36	5°29	21°17	0°27	T 22
W23	10 10 59	3°56'39	25°51	22°59	20°40	2° 9	26°49	10°12	17°32	7°14	22°55	6°33	5°26	21°24	0°32	W23
T 24	10 14 55	4°57'20	10°Y 0	24°38	21°38	1°45	26°49	10°20	17°30	7°16	22°55	6°28	5°23	21°31	0°37	T 24
F 25	10 18 52	5°57'58	23°44	26°18	22°36	1°22	26°50	10°27	17°29	7°17	22°55	6°24	5°20	21°37	0°42	F 25
S 26	10 22 48	6°58'35	7°B 1	27°59	23°34	0°58	26°51	10°34	17°27	7°19	22°54	6°20	5°17	21°44	0°47	S 26
S 27	10 26 45	7°59'11	19°53	29°41	24°30	0°34	26°52	10°41	17°25	7°20	22°54	6°17	5°13	21°51	0°52	S 27
M28	10 30 41	8°H59'44	2°H23	1°H24	25°Y27	0°M11	26°H54	10°H49	17°H23	7°B21	22°H54	6°H15	5°H10	21°B57	0°H57	M28

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
T 1	17s14	25n49	4n37	21s53	0s 1	1s15	0s19	11n45	4n15	23n 2	0s18	10s 3	1s29	6s22	0n42	22s 3
W 2	16 57	26 48	3 59	21 49	0 9	0 44	0 14	11 53	4 16	23 2	0 18	10 1	1 29	6 21	0 42	22 3
T 3	16 40	26 32	3 11	21 44	0 17	0 14	0 9	12 0	4 18	23 2	0 18	9 56	1 29	6 21	0 42	22 3
F 4	16 22	25 4	2 15	21 38	0 25	0n17	0 4	12 8	4 19	23 2	0 18	9 58	1 29	6 21	0 42	22 3
S 5	16 5	22 30	1 13	21 30	0 32	0 48	0n 1	12 16	4 21	23 2	0 18	9 53	1 29	6 21	0 42	22 3
S 6	15 46	18 58	0 8	21 21	0 40	1 18	0 6	12 24	4 22	23 2	0 17	9 50	1 29	6 20	0 42	22 2
M 7	15 28	14 39	0s58	21 11	0 47	1 49	0 12	12 33	4 23	23 2	0 17	9 48	1 29	6 20	0 43	22 2
T 8	15 9	9 44	2 2	21 0	0 53	2 20	0 17	12 41	4 24	23 2	0 17	9 45	1 29	6 20	0 43	22 2
W 9	14 50	4 25	3 1	20 48	1 0	2 50	0 23	12 50	4 25	23 3	0 17	9 43	1 29	6 19	0 43	22 2
T 10	14 31	1s 9	3 52	20 34	1 6	3 21	0 28	12 58	4 26	23 3	0 17	9 40	1 29	6 19	0 43	22 2
F 11	14 12	6 45	4 33	20 19	1 12	3 51	0 34	13 7	4 27	23 3	0 17	9 37	1 29	6 18	0 43	22 2
S 12	13 52	12 10	5 2	20 3	1 18	4 21	0 40	13 16	4 28	23 3	0 16	9 35	1 29	6 18	0 43	22 2
S 13	13 32	17 9	5 15	19 46	1 24	4 51	0 46	13 25	4 29	23 3	0 16	9 32	1 29	6 17	0 43	22 2
M14	13 12	21 26	5 12	19 27	1 29	5 21	0 52	13 34	4 29	23 3	0 16	9 30	1 29	6 17	0 43	22 2
T 15	12 52	24 40	4 52	19 7	1 34	5 51	0 58	13 42	4 30	23 3	0 16	9 27	1 29	6 16	0 43	22 2
W16	12 31	26 30	4 14	18 46	1 38	6 21	1 4	13 51	4 30	23 4	0 16	9 24	1 29	6 16	0 43	22 1
T 17	12 10	26 40	3 20	18 24	1 43	6 50	1 10	14 0	4 30	23 4	0 15	9 22	1 29	6 15	0 43	22 1
F 18	11 49	25 1	2 12	18 0	1 47	7 19	1 16	14 9	4 30	23 4	0 15	9 19	1 29	6 15	0 43	22 1
S 19	11 28	21 37	0 54	17 35	1 50	7 49	1 23	14 18	4 30	23 4	0 15	9 16	1 29	6 14	0 43	22 1
S 20	11 7	16 47	0n28	17 9	1 54	8 18	1 29	14 26	4 30	23 4	0 15	9 14	1 29	6 14	0 43	22 1
M21	10 45	10 56	1 47	16 42	1 57	8 46	1 36	14 35	4 30	23 4	0 15	9 11	1 29	6 13	0 43	22 1
T 22	10 24	4 31	2 59	16 13	1 59	9 15	1 42	14 44	4 30	23 5	0 15	9 8	1 29	6 12	0 43	22 1
W23	10 2	2n 0	3 58	15 44	2 2	9 43	1 49	14 52	4 30	23 5	0 14	9 5	1 29	6 12	0 43	22 1
T 24	9 40	8 15	4 41	15 12	2 4	10 12	1 56	15 0	4 29	23 5	0 14	9 3	1 29	6 11	0 43	22 1
F 25	9 18	13 55	5 6	14 40	2 5	10 40	2 2	15 8	4 28	23 5	0 14	9 0	1 29	6 11	0 43	22 0
S 26	8 55	18 44	5 13	14 7	2 6	11 7	2 9	15 16	4 28	23 5	0 14	8 57	1 29	6 10	0 43	22 0
S 27	8 33	22 32	5 5	13 32	2 7	11 35	2 16	15 23	4 27	23 5	0 14	8 55	1 29	6 9	0 43	22 0
M28	8s10	25n10	4n42	12s56	2s 8	12n 2	2n23	15n31	4n26	23n 6	0s14	8s52	1s29	6s 8	0n43	22s 0

Julian Day Number = 2686061.5, Delta T = 23m02s

Ecliptic obliquity = 23°21'27", Nutation = 0°00'15"

Ayanamsha: Fagan/Bradley = 33°43'18", Lahiri = 32°50'18"

## ASTRODIENST EPHEMERIS for the year 2642

MARCH 2642

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 34 38	10° 0'17	14° 34	3° 7	26° 22	29° 48	26° 55	10° 56	17° 21	7° 23	22° 54	6° 15	5° 7	22° 4	1° 2	T 1
W 2	10 38 35	11° 0'47	26° 32	4° 52	27° 18	29° 26	26° 57	11° 3	17° 20	7° 24	22° 54	6° 16	5° 4	22° 11	1° 7	W 2
T 3	10 42 31	12° 1'15	8° 22	6° 37	28° 12	29° 4	26° 59	11° 10	17° 18	7° 25	22° 54	6° 18	5° 1	22° 17	1° 12	T 3
F 4	10 46 28	13° 1'42	20° 9	8° 24	29° 6	28° 42	27° 1	11° 18	17° 16	7° 26	22° 54	6° 20	4° 58	22° 24	1° 17	F 4
S 5	10 50 24	14° 2'07	1° 58	10° 11	29° 59	28° 21	27° 4	11° 25	17° 14	7° 27	22° 53	6° 21	4° 54	22° 30	1° 21	S 5
S 6	10 54 21	15° 2'30	13° 52	11° 59	0° 51	28° 0	27° 6	11° 32	17° 12	7° 29	22° 53	6° 21	4° 51	22° 37	1° 26	S 6
M 7	10 58 17	16° 2'51	25° 54	13° 48	1° 43	27° 40	27° 9	11° 39	17° 9	7° 30	22° 53	6° 19	4° 48	22° 44	1° 31	M 7
T 8	11 2 14	17° 3'11	8° 8	15° 38	2° 34	27° 20	27° 12	11° 47	17° 7	7° 31	22° 53	6° 15	4° 45	22° 50	1° 35	T 8
W 9	11 6 10	18° 3'29	20° 35	17° 30	3° 24	27° 1	27° 15	11° 54	17° 5	7° 32	22° 53	6° 9	4° 42	22° 57	1° 40	W 9
T 10	11 10 7	19° 3'45	3° 15	19° 21	4° 13	26° 42	27° 18	12° 1	17° 3	7° 33	22° 53	6° 2	4° 39	23° 4	1° 44	T 10
F 11	11 14 3	20° 3'59	16° 8	21° 14	5° 2	26° 25	27° 22	12° 8	17° 1	7° 34	22° 54	5° 53	4° 35	23° 10	1° 48	F 11
S 12	11 18 0	21° 4'12	29° 15	23° 8	5° 49	26° 7	27° 26	12° 16	16° 59	7° 35	22° 54	5° 46	4° 32	23° 17	1° 53	S 12
S 13	11 21 57	22° 4'24	12° 33	25° 2	6° 36	25° 51	27° 29	12° 23	16° 56	7° 36	22° 54	5° 39	4° 29	23° 24	1° 57	S 13
M14	11 25 53	23° 4'34	26° 4	26° 57	7° 22	25° 35	27° 34	12° 30	16° 54	7° 37	22° 54	5° 34	4° 26	23° 30	2° 1	M14
T 15	11 29 50	24° 4'42	9° 46	28° 53	8° 6	25° 20	27° 38	12° 37	16° 52	7° 37	22° 54	5° 30	4° 23	23° 37	2° 5	T 15
W16	11 33 46	25° 4'49	23° 39	0° 49	8° 50	25° 5	27° 42	12° 44	16° 49	7° 38	22° 54	5° 29	4° 19	23° 44	2° 10	W16
T 17	11 37 43	26° 4'55	7° 34	2° 45	9° 33	24° 51	27° 47	12° 51	16° 47	7° 39	22° 54	5° 30	4° 16	23° 50	2° 14	T 17
F 18	11 41 39	27° 4'59	21° 57	4° 42	10° 14	24° 39	27° 52	12° 58	16° 45	7° 40	22° 55	5° 31	4° 13	23° 57	2° 18	F 18
S 19	11 45 36	28° 5'01	6° 19	6° 38	10° 55	24° 26	27° 56	13° 6	16° 42	7° 41	22° 55	5° 30	4° 10	24° 4	2° 22	S 19
S 20	11 49 32	29° 5'02	20° 47	8° 34	11° 34	24° 15	28° 2	13° 13	16° 40	7° 41	22° 55	5° 30	4° 7	24° 10	2° 26	S 20
M21	11 53 29	0° 5'01	5° 16	10° 29	12° 12	24° 4	28° 7	13° 20	16° 37	7° 42	22° 55	5° 27	4° 4	24° 17	2° 29	M21
T 22	11 57 26	1° 4'59	19° 41	12° 24	12° 49	23° 54	28° 12	13° 27	16° 35	7° 43	22° 56	5° 21	4° 0	24° 23	2° 33	T 22
W23	12 1 22	2° 4'54	3° 56	14° 17	13° 24	23° 45	28° 18	13° 34	16° 32	7° 43	22° 56	5° 13	3° 57	24° 30	2° 37	W23
T 24	12 5 19	3° 4'48	17° 56	16° 8	13° 58	23° 37	28° 24	13° 41	16° 30	7° 44	22° 56	5° 4	3° 54	24° 37	2° 41	T 24
F 25	12 9 15	4° 4'39	1° 35	17° 58	14° 31	23° 29	28° 30	13° 48	16° 27	7° 44	22° 57	4° 53	3° 51	24° 43	2° 44	F 25
S 26	12 13 12	5° 4'29	14° 52	19° 45	15° 2	23° 23	28° 36	13° 55	16° 25	7° 45	22° 57	4° 44	3° 48	24° 50	2° 48	S 26
S 27	12 17 8	6° 4'17	27° 45	21° 28	15° 31	23° 17	28° 42	14° 2	16° 22	7° 45	22° 58	4° 36	3° 45	24° 57	2° 51	S 27
M28	12 21 5	7° 4'02	10° 17	23° 9	15° 59	23° 12	28° 48	14° 9	16° 20	7° 46	22° 58	4° 30	3° 41	25° 3	2° 55	M28
T 29	12 25 1	8° 3'45	22° 31	24° 45	16° 26	23° 7	28° 55	14° 15	16° 17	7° 46	22° 58	4° 26	3° 38	25° 10	2° 58	T 29
W30	12 28 58	9° 3'26	4° 31	26° 17	16° 50	23° 4	29° 2	14° 22	16° 15	7° 46	22° 59	4° 25	3° 35	25° 17	3° 1	W30
T 31	12 32 55	10° 3'05	16° 21	27° 44	17° 13	23° 1	29° 9	14° 29	16° 12	7° 47	22° 59	4° 25	3° 32	25° 23	3° 4	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	7s47	26n33	4n 6	12s19	2s 8	12n28	2n30	15n38	4n25	23n 6	0s13	8s49	1s29	6s 8	0n43	22s 0	1n 9
W 2	7 25	26 39	3 21	11 40	2 7	12 55	2 37	15 45	4 24	23 6	0 13	8 47	1 29	6 7	0 43	22 0	1 9
T 3	7 2	25 32	2 27	11 0	2 6	13 21	2 44	15 52	4 23	23 6	0 13	8 44	1 29	6 6	0 43	22 0	1 9
F 4	6 39	23 17	1 27	10 20	2 5	13 47	2 51	15 58	4 21	23 6	0 13	8 41	1 30	6 5	0 43	22 0	1 9
S 5	6 16	20 3	0 24	9 38	2 3	14 13	2 58	16 4	4 20	23 7	0 13	8 38	1 30	6 5	0 43	22 0	1 9
S 6	5 52	15 57	0s41	8 54	2 1	14 38	3 6	16 10	4 19	23 7	0 13	8 36	1 30	6 4	0 43	22 0	1 9
M 7	5 29	11 12	1 44	8 10	1 58	15 3	3 13	16 16	4 17	23 7	0 12	8 33	1 30	6 3	0 43	22 0	1 9
T 8	5 6	5 57	2 44	7 24	1 55	15 27	3 20	16 21	4 15	23 7	0 12	8 30	1 30	6 2	0 43	21 59	1 9
W 9	4 42	0 24	3 37	6 38	1 51	15 51	3 28	16 26	4 14	23 8	0 12	8 28	1 30	6 1	0 43	21 59	1 9
T 10	4 19	5s16	4 20	5 50	1 47	16 15	3 35	16 31	4 12	23 8	0 12	8 25	1 30	6 1	0 43	21 59	1 9
F 11	3 55	10 47	4 50	5 1	1 42	16 39	3 42	16 35	4 10	23 8	0 12	8 22	1 30	6 0	0 43	21 59	1 9
S 12	3 32	15 56	5 6	4 12	1 36	17 1	3 50	16 39	4 8	23 8	0 12	8 20	1 30	5 59	0 43	21 59	1 10
S 13	3 8	20 24	5 6	3 21	1 30	17 24	3 57	16 43	4 6	23 8	0 12	8 17	1 30	5 58	0 43	21 59	1 10
M14	2 44	23 53	4 49	2 29	1 24	17 46	4 4	16 47	4 4	23 9	0 11	8 14	1 30	5 57	0 43	21 59	1 10
T 15	2 21	26 3	4 15	1 37	1 17	18 8	4 12	16 50	4 2	23 9	0 11	8 12	1 30	5 56	0 43	21 59	1 10
W16	1 57	26 38	3 26	0 44	1 9	18 29	4 19	16 53	4 0	23 9	0 11	8 9	1 30	5 55	0 43	21 59	1 10
T 17	1 33	25 32	2 24	0n10	1 1	18 50	4 26	16 55	3 58	23 9	0 11	8 6	1 30	5 54	0 43	21 59	1 10
F 18	1 9	22 46	1 13	1 4	0 52	19 10	4 34	16 58	3 56	23 10	0 11	8 4	1 31	5 53	0 43	21 59	1 10
S 19	0 46	18 34	0n 4	1 58	0 42	19 30	4 41	17 0	3 53	23 10	0 11	8 1	1 31	5 53	0 43	21 59	1 10
S 20	0 22	13 14	1 21	2 53	0 33	19 49	4 48	17 1	3 51	23 10	0 10	7 58	1 31	5 52	0 43	21 58	1 10
M21	0n 2	7 11	2 33	3 48	0 22	20 8	4 56	17 3	3 49	23 10	0 10	7 56	1 31	5 51	0 43	21 58	1 10
T 22	0 26	0 47	3 34	4 43	0 11	20 26	5 3	17 4	3 46	23 11	0 10	7 53	1 31	5 50	0 43	21 58	1 10
W23	0 50	5n33	4 21	5 37	0n 0	20 44	5 10	17 5	3 44	23 11	0 10	7 51	1 31	5 49	0 43	21 58	1 10
T 24	1 13	11 30	4 51	6 31	0 12	21 1	5 17	17 5	3 42	23 11	0 10	7 48	1 31	5 48	0 43	21 58	1 10
F 25	1 37	16 44	5 4	7 24	0 24	21 17	5 24	17 6	3 39	23 11	0 10	7 45	1 31	5 47	0 43	21 58	1 10
S 26	2 1	21 1	5 0	8 15	0 36	21 33	5 31	17 6	3 37	23 11	0 10	7 43	1 31	5 46	0 43	21 58	1 10
S 27	2 24	24 9	4 41	9 6	0 49	21 49	5 38	17 5	3 35	23 12	0 9	7 40	1 31	5 45	0 43	21 58	1 10
M28	2 48	26 0	4 8	9 55	1 1	22 3	5 44	17 5	3 32	23 12	0 9	7 38	1 32	5 44	0 43	21 58	1 10
T 29	3 11	26 33	3 24	10 42	1 14	22 17	5 51	17 4	3 30	23 12	0 9	7 35	1 32	5 43	0 43	21 58	1 10
W30	3 35	25 49	2 33	11 27	1 27	22 31	5 57	17 3	3 27	23 12	0 9	7 33	1 32	5 42	0 43	21 58	1 10
T 31	3n58	23n56	1n35	12n10	1n39	22n43	6n 4	17n 1	3n25	23n12	0s 9	7s30	1s32	5s41	0n43	21s58	1n10

Julian Day Number = 2686089.5, Delta T = 23m02s

Ecliptic obliquity = 23°21'27", Nutation = 0°00'15"

Ayanamsha: Fagan/Bradley = 33°43'22", Lahiri = 32°50'22"

## ASTRODIENST EPHEMERIS for the year 2642

APRIL 2642

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 36 51	11°Y 2'42	28°9	29°Y 5	17°8'34	22°R59	29°II16	14°H36	16°R 9	7°Z47	23°II 0	4°R26	3°29	25°30	3°7	F 1
S 2	12 40 48	12° 2'16	9°8'59	0°8'21	17°53	22°8'58	29°23	14°43	16°7	7°47	23° 0	4°26	3°25	25°37	3°11	S 2
S 3	12 44 44	13° 1'48	21°56	1°31	18°10	22°D57	29°30	14°49	16° 4	7°47	23° 1	4°24	3°22	25°43	3°14	S 3
M 4	12 48 41	14° 1'18	4°17 4	2°34	18°25	22°57	29°38	14°56	16° 2	7°48	23° 2	4°20	3°19	25°50	3°16	M 4
T 5	12 52 37	15° 0'45	16°28	3°30	18°37	22°58	29°45	15° 3	15°59	7°48	23° 2	4°14	3°16	25°57	3°19	T 5
W 6	12 56 34	16° 0'11	29° 9	4°20	18°48	23° 0	29°53	15° 9	15°56	7°48	23° 3	4° 5	3°13	26° 3	3°22	W 6
T 7	13 0 30	16°59'34	12°8	5° 2	18°56	23° 2	0°8 1	15°16	15°54	7°48	23° 3	3°54	3°10	26°10	3°25	T 7
F 8	13 4 27	17°58'56	25°24	5°37	19° 3	23° 6	0° 9	15°22	15°51	7°48	23° 4	3°41	3° 6	26°16	3°27	F 8
S 9	13 8 24	18°58'15	8°15'55	6° 4	19° 6	23° 9	0°17	15°29	15°49	7°48	23° 5	3°29	3° 3	26°23	3°30	S 9
S 10	13 12 20	19°57'33	22°39	6°24	19°R 8	23°14	0°25	15°35	15°46	7°48	23° 5	3°19	3° 0	26°30	3°32	S 10
M11	13 16 17	20°56'48	6°32	6°37	19° 7	23°19	0°34	15°41	15°43	7°48	23° 6	3°10	2°57	26°36	3°35	M11
T 12	13 20 13	21°56'02	20°31	6°R42	19° 3	23°24	0°42	15°48	15°41	7°48	23° 7	3° 4	2°54	26°43	3°37	T 12
W13	13 24 10	22°55'15	4°34	6°40	18°57	23°31	0°51	15°54	15°38	7°48	23° 8	3° 1	2°51	26°50	3°40	W13
T 14	13 28 6	23°54'25	18°39	6°31	18°49	23°38	1° 0	16° 0	15°36	7°48	23° 8	3° 0	2°47	26°56	3°42	T 14
F 15	13 32 3	24°53'34	2°45	6°16	18°38	23°45	1° 9	16° 7	15°33	7°48	23° 9	3° 0	2°44	27° 3	3°44	F 15
S 16	13 35 59	25°52'41	16°51	5°55	18°25	23°54	1°18	16°13	15°31	7°47	23°10	3° 0	2°41	27°10	3°46	S 16
S 17	13 39 56	26°51'47	0°57	5°28	18° 9	24° 2	1°27	16°19	15°28	7°47	23°11	2°58	2°38	27°16	3°48	S 17
M18	13 43 53	27°50'50	15° 0	4°56	17°51	24°12	1°36	16°25	15°25	7°47	23°12	2°53	2°35	27°23	3°50	M18
T 19	13 47 49	28°49'52	28°59	4°19	17°30	24°22	1°46	16°31	15°23	7°47	23°13	2°46	2°31	27°30	3°52	T 19
W20	13 51 46	29°48'52	12°Y49	3°40	17° 8	24°32	1°55	16°37	15°20	7°46	23°13	2°35	2°28	27°36	3°53	W20
T 21	13 55 42	0°34'50	26°27	2°57	16°43	24°44	2° 5	16°43	15°18	7°46	23°14	2°23	2°25	27°43	3°55	T 21
F 22	13 59 39	1°46'46	9°8'50	2°13	16°16	24°55	2°14	16°49	15°15	7°46	23°15	2°10	2°22	27°49	3°57	F 22
S 23	14 3 35	2°45'40	22°55	1°28	15°47	25° 7	2°24	16°54	15°13	7°45	23°16	1°58	2°19	27°56	3°58	S 23
S 24	14 7 32	3°44'33	5°II41	0°43	15°16	25°20	2°34	17° 0	15°11	7°45	23°17	1°47	2°16	28° 3	3°59	S 24
M25	14 11 28	4°43'23	18° 9	29°Y58	14°44	25°33	2°44	17° 6	15° 8	7°44	23°18	1°38	2°12	28° 9	4° 1	M25
T 26	14 15 25	5°42'11	0°8'21	29°15	14°10	25°47	2°54	17°12	15° 6	7°44	23°19	1°33	2° 9	28°16	4° 2	T 26
W27	14 19 22	6°40'56	12°20	28°35	13°35	26° 1	3° 5	17°17	15° 3	7°43	23°20	1°30	2° 6	28°23	4° 3	W27
T 28	14 23 18	7°39'40	24°11	27°57	12°59	26°16	3°15	17°23	15° 1	7°43	23°21	1°28	2° 3	28°29	4° 4	T 28
F 29	14 27 15	8°38'21	5°8'59	27°23	12°22	26°31	3°25	17°28	14°59	7°42	23°22	1°28	2° 0	28°36	4° 5	F 29
S 30	14 31 11	9°37'01	17°8'49	26°Y52	11°8'45	26°8'47	3°36	17°33	14°56	7°41	23°23	1°28	1°56	28°43	4° 6	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4n21	21n 0	0n33	12n51	1n51	22n55	6n10	17n 0	3n22	23n13	0s 9	7s28	1s32	5s40	0n43	F 1
S 2	4 45	17 13	0s30	13 28	2 3	23 6	6 16	16 58	3 20	23 13	0 9	7 25	1 32	5 39	0 43	S 2
S 3	5 8	12 42	1 32	14 3	2 14	23 17	6 21	16 56	3 18	23 13	0 9	7 23	1 32	5 38	0 43	S 3
M 4	5 31	7 38	2 31	14 35	2 24	23 26	6 27	16 53	3 15	23 13	0 8	7 20	1 32	5 37	0 43	M 4
T 5	5 54	2 11	3 24	15 3	2 34	23 35	6 32	16 51	3 13	23 13	0 8	7 18	1 32	5 36	0 43	T 5
W 6	6 16	3s27	4 8	15 29	2 43	23 43	6 37	16 48	3 10	23 13	0 8	7 15	1 33	5 35	0 43	W 6
T 7	6 39	9 5	4 40	15 50	2 51	23 49	6 42	16 45	3 8	23 13	0 8	7 13	1 33	5 34	0 43	T 7
F 8	7 2	14 25	4 58	16 9	2 58	23 55	6 46	16 42	3 6	23 14	0 8	7 10	1 33	5 33	0 43	F 8
S 9	7 24	19 9	5 0	16 23	3 4	24 0	6 50	16 38	3 3	23 14	0 8	7 8	1 33	5 32	0 43	S 9
S 10	7 47	22 57	4 45	16 34	3 8	24 4	6 54	16 35	3 1	23 14	0 8	7 6	1 33	5 31	0 43	S 10
M11	8 9	25 28	4 12	16 41	3 11	24 7	6 57	16 31	2 59	23 14	0 7	7 3	1 33	5 30	0 43	M11
T 12	8 31	26 25	3 25	16 45	3 13	24 8	6 59	16 27	2 56	23 14	0 7	7 1	1 33	5 29	0 43	T 12
W13	8 53	25 41	2 25	16 44	3 14	24 9	7 2	16 22	2 54	23 14	0 7	6 59	1 34	5 28	0 43	W13
T 14	9 15	23 18	1 15	16 40	3 12	24 8	7 3	16 18	2 52	23 14	0 7	6 56	1 34	5 27	0 43	T 14
F 15	9 36	19 30	0 1	16 33	3 10	24 6	7 5	16 13	2 49	23 14	0 7	6 54	1 34	5 26	0 43	F 15
S 16	9 58	14 35	1n13	16 21	3 5	24 3	7 5	16 8	2 47	23 14	0 7	6 52	1 34	5 25	0 43	S 16
S 17	10 19	8 53	2 22	16 7	2 59	23 58	7 5	16 3	2 45	23 14	0 7	6 50	1 34	5 24	0 43	S 17
M18	10 40	2 46	3 22	15 49	2 52	23 53	7 4	15 58	2 43	23 14	0 7	6 47	1 34	5 23	0 43	M18
T 19	11 1	3n26	4 10	15 28	2 42	23 45	7 3	15 53	2 40	23 14	0 6	6 45	1 34	5 22	0 43	T 19
W20	11 22	9 23	4 43	15 4	2 32	23 37	7 1	15 47	2 38	23 14	0 6	6 43	1 35	5 21	0 43	W20
T 21	11 43	14 48	4 59	14 39	2 20	23 27	6 58	15 41	2 36	23 14	0 6	6 41	1 35	5 20	0 43	T 21
F 22	12 3	19 25	4 58	14 11	2 7	23 16	6 55	15 35	2 34	23 14	0 6	6 39	1 35	5 19	0 43	F 22
S 23	12 23	22 58	4 41	13 42	1 52	23 3	6 51	15 29	2 32	23 14	0 6	6 37	1 35	5 18	0 43	S 23
S 24	12 43	25 17	4 10	13 12	1 37	22 49	6 46	15 23	2 30	23 14	0 6	6 35	1 35	5 18	0 43	S 24
M25	13 3	26 17	3 28	12 42	1 21	22 34	6 40	15 17	2 28	23 14	0 6	6 33	1 35	5 17	0 43	M25
T 26	13 23	25 58	2 37	12 11	1 5	22 17	6 33	15 10	2 26	23 14	0 6	6 31	1 36	5 16	0 43	T 26
W27	13 42	24 26	1 40	11 41	0 48	21 59	6 26	15 3	2 24	23 14	0 6	6 29	1 36	5 15	0 43	W27
T 28	14 1	21 50	0 39	11 12	0 31	21 40	6 18	14 56	2 22	23 14	0 5	6 27	1 36	5 14	0 43	T 28
F 29	14 20	18 20	0s24	10 44	0 14	21 20	6 9	14 49	2 20	23 13	0 5	6 25	1 36	5 13	0 43	F 29
S 30	14n39	14n 5	1s26	10n17	0s 2	21n 0	5n59	14n42	2n18	23n13	0s 5	6s23	1s36	5s12	0n43	S 30

Julian Day Number = 2686120.5, Delta T = 23m03s

Ecliptic obliquity = 23°21'27", Nutation = 0°00'14"

Ayanamsha: Fagan/Bradley = 33°43'27", Lahiri = 32°50'27"

## ASTRODIENST EPHEMERIS for the year 2642

MAY 2642

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 35 8	10 <sup>8</sup> 35'38	29 <sup>0</sup> 47	26 <sup>0</sup> R26	11 <sup>0</sup> R 7	27 <sup>0</sup> Ω 3	3 <sup>0</sup> Ω47	17 <sup>0</sup> ♂39	14 <sup>0</sup> R54	7 <sup>0</sup> R41	23 <sup>0</sup> Π24	1 <sup>0</sup> R27	1 <sup>0</sup> Ω53	28 <sup>0</sup> Ω49	4 <sup>0</sup> Ω 7	S 1
M 2	14 39 4	11 <sup>0</sup> 34'12	11 <sup>0</sup> ♂58	26 <sup>0</sup> Υ 5	10 <sup>0</sup> Ω29	27 <sup>0</sup> 20	3 <sup>0</sup> 57	17 <sup>0</sup> 44	14 <sup>0</sup> Ω52	7 <sup>0</sup> Ω40	23 <sup>0</sup> 25	1 <sup>0</sup> Ω24	1 <sup>0</sup> 50	28 <sup>0</sup> 56	4 <sup>0</sup> 8	M 2
T 3	14 43 1	12 <sup>0</sup> 32'45	24 <sup>0</sup> 27	25 <sup>0</sup> 48	9 <sup>0</sup> 52	27 <sup>0</sup> 36	4 <sup>0</sup> 8	17 <sup>0</sup> 49	14 <sup>0</sup> 50	7 <sup>0</sup> 39	23 <sup>0</sup> 26	1 <sup>0</sup> 18	1 <sup>0</sup> 47	29 <sup>0</sup> 3	4 <sup>0</sup> 9	T 3
W 4	14 46 57	13 <sup>0</sup> 31'16	7 <sup>0</sup> Δ17	25 <sup>0</sup> 37	9 <sup>0</sup> 14	27 <sup>0</sup> 54	4 <sup>0</sup> 19	17 <sup>0</sup> 54	14 <sup>0</sup> 47	7 <sup>0</sup> 38	23 <sup>0</sup> 27	1 <sup>0</sup> 9	1 <sup>0</sup> 44	29 <sup>0</sup> 9	4 <sup>0</sup> 9	W 4
T 5	14 50 54	14 <sup>0</sup> 29'44	20 <sup>0</sup> 29	25 <sup>0</sup> 30	8 <sup>0</sup> 38	28 <sup>0</sup> 12	4 <sup>0</sup> 30	17 <sup>0</sup> 59	14 <sup>0</sup> 45	7 <sup>0</sup> 38	23 <sup>0</sup> 28	0 <sup>0</sup> 59	1 <sup>0</sup> 41	29 <sup>0</sup> 16	4 <sup>0</sup> 10	T 5
F 6	14 54 50	15 <sup>0</sup> 28'11	4 <sup>0</sup> ♂ 3	25 <sup>0</sup> D28	8 <sup>0</sup> 2	28 <sup>0</sup> 30	4 <sup>0</sup> 41	18 <sup>0</sup> 4	14 <sup>0</sup> 43	7 <sup>0</sup> 37	23 <sup>0</sup> 30	0 <sup>0</sup> 47	1 <sup>0</sup> 37	29 <sup>0</sup> 22	4 <sup>0</sup> 10	F 6
S 7	14 58 47	16 <sup>0</sup> 26'35	17 <sup>0</sup> 56	25 <sup>0</sup> 32	7 <sup>0</sup> 28	28 <sup>0</sup> 48	4 <sup>0</sup> 52	18 <sup>0</sup> 9	14 <sup>0</sup> 41	7 <sup>0</sup> 36	23 <sup>0</sup> 31	0 <sup>0</sup> 36	1 <sup>0</sup> 34	29 <sup>0</sup> 29	4 <sup>0</sup> 11	S 7
S 8	15 2 44	17 <sup>0</sup> 24'59	2 <sup>0</sup> ♂ 5	25 <sup>0</sup> 40	6 <sup>0</sup> 55	29 <sup>0</sup> 7	5 <sup>0</sup> 3	18 <sup>0</sup> 14	14 <sup>0</sup> 39	7 <sup>0</sup> 35	23 <sup>0</sup> 32	0 <sup>0</sup> 25	1 <sup>0</sup> 31	29 <sup>0</sup> 36	4 <sup>0</sup> 11	S 8
M 9	15 6 40	18 <sup>0</sup> 23'20	16 <sup>0</sup> 25	25 <sup>0</sup> 53	6 <sup>0</sup> 23	29 <sup>0</sup> 27	5 <sup>0</sup> 15	18 <sup>0</sup> 19	14 <sup>0</sup> 37	7 <sup>0</sup> 34	23 <sup>0</sup> 33	0 <sup>0</sup> 17	1 <sup>0</sup> 28	29 <sup>0</sup> 42	4 <sup>0</sup> 11	M 9
T 10	15 10 37	19 <sup>0</sup> 21'40	0 <sup>0</sup> Ω49	26 <sup>0</sup> 11	5 <sup>0</sup> 53	29 <sup>0</sup> 46	5 <sup>0</sup> 26	18 <sup>0</sup> 24	14 <sup>0</sup> 35	7 <sup>0</sup> 33	23 <sup>0</sup> 34	0 <sup>0</sup> 12	1 <sup>0</sup> 25	29 <sup>0</sup> 49	4 <sup>0</sup> 11	T 10
W 11	15 14 33	20 <sup>0</sup> 19'58	15 <sup>0</sup> 12	26 <sup>0</sup> 33	5 <sup>0</sup> 25	0 <sup>0</sup> ♂ 6	5 <sup>0</sup> 38	18 <sup>0</sup> 28	14 <sup>0</sup> 33	7 <sup>0</sup> 32	23 <sup>0</sup> 35	0 <sup>0</sup> 9	1 <sup>0</sup> 22	29 <sup>0</sup> 56	4 <sup>0</sup> R11	W 11
T 12	15 18 30	21 <sup>0</sup> 18'15	29 <sup>0</sup> 31	27 <sup>0</sup> 0	4 <sup>0</sup> 59	0 <sup>0</sup> 27	5 <sup>0</sup> 49	18 <sup>0</sup> 33	14 <sup>0</sup> 31	7 <sup>0</sup> 31	23 <sup>0</sup> 37	0 <sup>0</sup> D 8	1 <sup>0</sup> 18	0 <sup>0</sup> Ω 2	4 <sup>0</sup> 11	T 12
F 13	15 22 26	22 <sup>0</sup> 16'30	13 <sup>0</sup> Ω43	27 <sup>0</sup> 30	4 <sup>0</sup> 36	0 <sup>0</sup> 48	6 <sup>0</sup> 1	18 <sup>0</sup> 37	14 <sup>0</sup> 29	7 <sup>0</sup> 30	23 <sup>0</sup> 38	0 <sup>0</sup> 8	1 <sup>0</sup> 15	0 <sup>0</sup> 9	4 <sup>0</sup> 11	F 13
S 14	15 26 23	23 <sup>0</sup> 14'43	27 <sup>0</sup> 47	28 <sup>0</sup> 5	4 <sup>0</sup> 14	1 <sup>0</sup> 9	6 <sup>0</sup> 12	18 <sup>0</sup> 42	14 <sup>0</sup> 27	7 <sup>0</sup> 29	23 <sup>0</sup> 39	0 <sup>0</sup> R 8	1 <sup>0</sup> 12	0 <sup>0</sup> 16	4 <sup>0</sup> 11	S 14
S 15	15 30 20	24 <sup>0</sup> 12'56	11 <sup>0</sup> ♂42	28 <sup>0</sup> 44	3 <sup>0</sup> 55	1 <sup>0</sup> 30	6 <sup>0</sup> 24	18 <sup>0</sup> 46	14 <sup>0</sup> 25	7 <sup>0</sup> 28	23 <sup>0</sup> 40	0 <sup>0</sup> 7	1 <sup>0</sup> 9	0 <sup>0</sup> 22	4 <sup>0</sup> 11	S 15
M 16	15 34 16	25 <sup>0</sup> 11'07	25 <sup>0</sup> 28	29 <sup>0</sup> 27	3 <sup>0</sup> 38	1 <sup>0</sup> 52	6 <sup>0</sup> 36	18 <sup>0</sup> 50	14 <sup>0</sup> 24	7 <sup>0</sup> 27	23 <sup>0</sup> 41	0 <sup>0</sup> 4	1 <sup>0</sup> 6	0 <sup>0</sup> 29	4 <sup>0</sup> 11	M 16
T 17	15 38 13	26 <sup>0</sup> 9'16	9 <sup>0</sup> Υ 4	0 <sup>0</sup> Ω13	3 <sup>0</sup> 23	2 <sup>0</sup> 14	6 <sup>0</sup> 48	18 <sup>0</sup> 55	14 <sup>0</sup> 22	7 <sup>0</sup> 26	23 <sup>0</sup> 43	29 <sup>0</sup> Ω58	1 <sup>0</sup> 2	0 <sup>0</sup> 36	4 <sup>0</sup> 10	T 17
W 18	15 42 9	27 <sup>0</sup> 7'24	22 <sup>0</sup> 29	1 <sup>0</sup> 2	3 <sup>0</sup> 11	2 <sup>0</sup> 36	7 <sup>0</sup> 0	18 <sup>0</sup> 59	14 <sup>0</sup> 20	7 <sup>0</sup> 25	23 <sup>0</sup> 44	29 <sup>0</sup> 50	0 <sup>0</sup> 59	0 <sup>0</sup> 42	4 <sup>0</sup> 10	W 18
T 19	15 46 6	28 <sup>0</sup> 5'31	5 <sup>0</sup> Ω42	1 <sup>0</sup> 55	3 <sup>0</sup> 2	2 <sup>0</sup> 59	7 <sup>0</sup> 12	19 <sup>0</sup> 3	14 <sup>0</sup> 19	7 <sup>0</sup> 24	23 <sup>0</sup> 45	29 <sup>0</sup> 40	0 <sup>0</sup> 56	0 <sup>0</sup> 49	4 <sup>0</sup> 9	T 19
F 20	15 50 2	29 <sup>0</sup> 3'36	18 <sup>0</sup> 43	2 <sup>0</sup> 51	2 <sup>0</sup> 54	3 <sup>0</sup> 22	7 <sup>0</sup> 24	19 <sup>0</sup> 7	14 <sup>0</sup> 17	7 <sup>0</sup> 23	23 <sup>0</sup> 46	29 <sup>0</sup> 29	0 <sup>0</sup> 53	0 <sup>0</sup> 56	4 <sup>0</sup> 8	F 20
S 21	15 53 59	0 <sup>0</sup> II 1'39	1 <sup>0</sup> II29	3 <sup>0</sup> 51	2 <sup>0</sup> 50	3 <sup>0</sup> 45	7 <sup>0</sup> 36	19 <sup>0</sup> 11	14 <sup>0</sup> 15	7 <sup>0</sup> 22	23 <sup>0</sup> 48	29 <sup>0</sup> 18	0 <sup>0</sup> 50	1 <sup>0</sup> 2	4 <sup>0</sup> 8	S 21
S 22	15 57 55	0 <sup>0</sup> 59'41	14 <sup>0</sup> 1	4 <sup>0</sup> 53	2 <sup>0</sup> 47	4 <sup>0</sup> 9	7 <sup>0</sup> 48	19 <sup>0</sup> 14	14 <sup>0</sup> 14	7 <sup>0</sup> 20	23 <sup>0</sup> 49	29 <sup>0</sup> 9	0 <sup>0</sup> 47	1 <sup>0</sup> 9	4 <sup>0</sup> 7	S 22
M 23	16 1 52	1 <sup>0</sup> 57'42	26 <sup>0</sup> 19	5 <sup>0</sup> 58	2 <sup>0</sup> D47	4 <sup>0</sup> 33	8 <sup>0</sup> 1	19 <sup>0</sup> 18	14 <sup>0</sup> 12	7 <sup>0</sup> 19	23 <sup>0</sup> 50	29 <sup>0</sup> 2	0 <sup>0</sup> 43	1 <sup>0</sup> 15	4 <sup>0</sup> 6	M 23
T 24	16 5 49	2 <sup>0</sup> 55'41	8 <sup>0</sup> Ω25	7 <sup>0</sup> 6	2 <sup>0</sup> 49	4 <sup>0</sup> 57	8 <sup>0</sup> 13	19 <sup>0</sup> 22	14 <sup>0</sup> 11	7 <sup>0</sup> 18	23 <sup>0</sup> 52	28 <sup>0</sup> 58	0 <sup>0</sup> 40	1 <sup>0</sup> 22	4 <sup>0</sup> 5	T 24
W 25	16 9 45	3 <sup>0</sup> 53'38	20 <sup>0</sup> 20	8 <sup>0</sup> 16	2 <sup>0</sup> 54	5 <sup>0</sup> 21	8 <sup>0</sup> 26	19 <sup>0</sup> 25	14 <sup>0</sup> 10	7 <sup>0</sup> 17	23 <sup>0</sup> 53	28 <sup>0</sup> 56	0 <sup>0</sup> 37	1 <sup>0</sup> 29	4 <sup>0</sup> 4	W 25
T 26	16 13 42	4 <sup>0</sup> 51'34	2 <sup>0</sup> Ω10	9 <sup>0</sup> 29	3 <sup>0</sup> 1	5 <sup>0</sup> 46	8 <sup>0</sup> 38	19 <sup>0</sup> 29	14 <sup>0</sup> 8	7 <sup>0</sup> 15	23 <sup>0</sup> 54	28 <sup>0</sup> D55	0 <sup>0</sup> 34	1 <sup>0</sup> 35	4 <sup>0</sup> 3	T 26
F 27	16 17 38	5 <sup>0</sup> 49'27	13 <sup>0</sup> 57	10 <sup>0</sup> 45	3 <sup>0</sup> 10	6 <sup>0</sup> 11	8 <sup>0</sup> 51	19 <sup>0</sup> 32	14 <sup>0</sup> 7	7 <sup>0</sup> 14	23 <sup>0</sup> 55	28 <sup>0</sup> 56	0 <sup>0</sup> 31	1 <sup>0</sup> 42	4 <sup>0</sup> 2	F 27
S 28	16 21 35	6 <sup>0</sup> 47'19	25 <sup>0</sup> 47	12 <sup>0</sup> 3	3 <sup>0</sup> 21	6 <sup>0</sup> 36	9 <sup>0</sup> 3	19 <sup>0</sup> 35	14 <sup>0</sup> 6	7 <sup>0</sup> 13	23 <sup>0</sup> 57	28 <sup>0</sup> 57	0 <sup>0</sup> 28	1 <sup>0</sup> 49	4 <sup>0</sup> 1	S 28
S 29	16 25 31	7 <sup>0</sup> 45'10	7 <sup>0</sup> ♂45	13 <sup>0</sup> 24	3 <sup>0</sup> 34	7 <sup>0</sup> 2	9 <sup>0</sup> 16	19 <sup>0</sup> 39	14 <sup>0</sup> 4	7 <sup>0</sup> 11	23 <sup>0</sup> 58	28 <sup>0</sup> R58	0 <sup>0</sup> 24	1 <sup>0</sup> 55	3 <sup>0</sup> 59	S 29
M 30	16 29 28	8 <sup>0</sup> 42'58	19 <sup>0</sup> 56	14 <sup>0</sup> 47	3 <sup>0</sup> 49	7 <sup>0</sup> 27	9 <sup>0</sup> 28	19 <sup>0</sup> 42	14 <sup>0</sup> 3	7 <sup>0</sup> 10	23 <sup>0</sup> 59	28 <sup>0</sup> 57	0 <sup>0</sup> 21	2 <sup>0</sup> 2	3 <sup>0</sup> 58	M 30
T 31	16 33 24	9 <sup>0</sup> II40'45	2 <sup>0</sup> Ω25	16 <sup>0</sup> Ω13	4 <sup>0</sup> Ω 6	7 <sup>0</sup> ♂53	9 <sup>0</sup> Ω41	19 <sup>0</sup> ♂45	14 <sup>0</sup> Ω 2	7 <sup>0</sup> Ω 9	24 <sup>0</sup> II 1	28 <sup>0</sup> Ω54	0 <sup>0</sup> Ω18	2 <sup>0</sup> Ω 9	3 <sup>0</sup> Ω56	T 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14n57	9n15	2s24	9n53	0s19	20n38	5n49	14n35	2n16	23n13	0s 5	6s21	1s36	5s11	0n43	21s57	1n11	13n24	9s48	19s46	19s40	20n36	12s23	6n58					
M 2	15 15	4 0	3 17	9 30	0 35	20 15	5 38	14 27	2 14	23 13	0 5	6 19	1 37	5 11	0 43	21 57	1 11	13 25	9 48	19 47	19 41	20 34	12 22	6 59					
T 3	15 33	1s31	4 2	9 9	0 50	19 52	5 26	14 20	2 12	23 13	0 5	6 17	1 37	5 10	0 43	21 57	1 11	13 25	9 47	19 48	19 42	20 31	12 21	6 59					
W 4	15 51	7 6	4 36	8 51	1 5	19 29	5 14	14 12	2 10	23 13	0 5	6 15	1 37	5 9	0 43	21 57	1 11	13 25	9 47	19 50	19 42	20 29	12 21	7 1					
T 5	16 8	12 33	4 56	8 36	1 19	19 5	5 1	14 4	2 8	23 12	0 5	6 13	1 37	5 8	0 43	21 57	1 11	13 25	9 47	19 52	19 43	20 27	12 20	7 1					
F 6	16 25	17 32	5 1	8 23	1 33	18 41	4 48	13 56	2 6	23 12	0 5	6 12	1 37	5 7	0 43	21 57	1 11	13 26	9 47	19 55	19 44	20 25	12 19	7 1					
S 7	16 42	21 43	4 48	8 12	1 45	18 17	4 35	13 48	2 4	23 12	0 4	6 10	1 37	5 6	0 43	21 57	1 11	13 26	9 47	19 57	19 45	20 22	12 19	7 2					
S 8	16 58	24 43	4 17	8 4	1 57	17 53	4 21	13 39	2 3	23 11	0 4	6 8	1 38	5 6	0 43	21 57	1 11	13 26	9 47	19 59	19 45	20 20	12 18	7 2					
M 9	17 15	26 9	3 30	7 59	2 8	17 29	4 7	13 31	2 1	23 11	0 4	6 6	1 38	5 5	0 43	21 57	1 11	13 26	9 46	20 1	19 46	20 18	12 17	7 3					
T 10	17 30	25 50	2 29	7 56	2 18	17 5	3 52	13 22	1 59	23 11	0 4	6 5	1 38	5 4	0 43	21 57	1 11	13 26	9 46	20 2	19 47	20 16	12 17	7 3					
W 11	17 46	23 48	1 19	7 55	2 27	16 42	3 38	13 14	1 57	23 10	0 4	6 3	1 38	5 3	0 43	21 57	1 11	13 27	9 46	20 3	19 47	20 13	12 16	7 4					
T 12	18 1	20 14	0 3	7 56	2 36	16 20	3 23	13 5	1 56	23 10	0 4	6 2	1 38	5 3	0 43	21 57	1 11	13 27	9 46	20 3	19 48	20 11	12 16	7 4					
F 13	18 17	15 30	1n12	8 0	2 43	15 58	3 9	12 56	1 54	23 10	0 4	6 0	1 39	5 2	0 43	21 57	1 11	13 27	9 46	20 3	19 49	20 9	12 15	7 5					
S 14	18 31	9 59	2 22	8 6	2 50	15 37	2 54	12 47	1 52	23 9	0 4	5 58	1 39	5 1	0 43	21 58	1 11	13 27	9 46	20 3	19 49	20 6	12 15	7 6					
S 15	18 46	4 2	3 22	8 15	2 56	15 17	2 40	12 37	1 50	23 9	0 4	5 57	1 39	5 1	0 43	21 58	1 11	13 28	9 46	20 3	19 50	20 4	12 14	7 6					
M 16	19 0	2n 2	4 11	8 25	3 1	14 58	2 26	12 28	1 49	23 8	0 3	5 55	1 39	5 0	0 43	21 58	1 11	13 28	9 45	20 4	19 51	20 2	12 14	7 7					
T 17	19 14	7 56	4 44	8 37	3 5	14 40	2 11	12 19	1 47	23 8	0 3	5 54	1 39	4 59	0 43	21 58	1 11	13 28	9 45	20 5	19 51	20 0	12 13	7 7					
W 18	19 27	13 23	5 1	8 50	3 9	14 22	1 57	12 9	1 46	23 7	0 3	5 53	1 40	4 59	0 43	21 58	1 11	13 28	9 45	20 7	19 52	19 57	12 13	7 8					
T 19	19 40	18 7	5 2	9 6	3 12	14 6	1 44	11 59	1 44	23 7	0 3	5 51	1 40	4 58	0 43	21 58	1 11	13 28	9 45	20 9	19 53	19 55	12 12	7 8					
F 20	19 53	21 56	4 47	9 23	3 14	13 51	1 30	11 50	1 42	23 6	0 3	5 50	1 40	4 58	0 43	21 58	1 11	13 28	9 45	20 11	19 54	19 53	12 12	7 9					
S 21	20 5	24 36	4 18	9 41	3 15	13 37	1 17	11 40	1 41	23 5	0 3	5 48	1 40	4 57	0 42	21 58	1 12	13 29	9 45	20 14	19 54	19 50	12 12	7 9					
S 22	20 17	25 59	3 36	10 2	3 16	13 24	1 4	11 30	1 39	23 5	0 3	5 47	1 40	4 56	0 42	21 58	1 12	13 29	9 45	20 15	19 55	19 48	12 11	7 10					
M 23	20 29	26 4	2 46	10 23	3 16	13 12	0 51	11 20	1 38	23 4	0 3	5 46	1 41	4 56	0 42	21 58	1 12	13 29	9 44	20 17	19 56	19 46	12 11	7 10					
T 24	20 40	24 53	1 48	10 46	3 15	13 1	0 39	11 9	1 36	23 4	0 3	5 45	1 41	4 55	0 42	21 58	1 12	13 29	9 44	20 18	19 56	19 43	12 11	7 11					
W 25	20 51	22 35	0 46	11 9	3 14	12 51	0 27	10 59	1 35	23 3	0 3	5 44	1 41	4 55	0 42	21 58	1 12	13 29	9 44	20 18	19 57	19 41	12 10	7 12					
T 26	21 2	19 20	0s17	11 34	3 12	12 43	0 15	10 48	1 33	23 2	0 2	5 42	1 41	4 54	0 42	21 58	1 12	13 29	9 44	20 18	19 58	19 39	12 10	7 12					
F 27	21 12	15 18	1 20	12 0	3 9	12 35	0 4	10 38	1 32	23 2	0 2	5 41	1 42	4 54	0 42	21 58	1 12	13 30	9 44	20 18	19 58	19 37	12 10	7 13					
S 28	21 22	10 41	2 20	12 27	3 6	12 29	0s 7	10 27	1 30	23 1	0 2	5 40	1 42	4 53	0 42	21 58	1 12	13 30	9 44	20 18	19 59	19 34	12 10	7 13					
S 29	21 32	5 38	3 14	12 55	3 2	12 23	0 17	10 16	1 29	23 0	0 2	5 39	1 42	4 53	0 42	21 58	1 12	13 30	9 44	20 18	20 0	19 32	12 10	7 14					
M 30	21 41	0 17	4 0	13 24	2 57	12 19	0 28	10 6	1 27	22 59	0 2	5 38	1 42	4 53	0 42	21 58	1 12	13 30	9 44	20 18	20 0	19 30	12 9	7 14					
T 31	21n50	5s11	4s36	13n53	2s52	12n15	0s38	9n55	1n26	22n58	0s 2	5s37	1s42	4s52	0n42	21s58	1n12	13n30	9s44	20s18	20s 1	19n27	12s 9	7n15					

## ASTRODIENST EPHEMERIS for the year 2642

JUNE 2642

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	16 37 21	10 <sup>11</sup> 38'31	15 <sup>12</sup> 16	17 <sup>18</sup> 41	4 <sup>8</sup> 25	8 <sup>10</sup> 20	9 <sup>10</sup> 54	19 <sup>19</sup> 48	14 <sup>14</sup> R 1	7 <sup>7</sup> R 7	24 <sup>24</sup> II 2	28 <sup>28</sup> R50	0 <sup>0</sup> 15	2 <sup>2</sup> 15	3 <sup>3</sup> R55	W 1
T 2	16 41 18	11 <sup>11</sup> 36'14	28 <sup>28</sup> 33	19 <sup>19</sup> 11	4 <sup>4</sup> 46	8 <sup>8</sup> 46	10 <sup>10</sup> 7	19 <sup>19</sup> 50	14 <sup>14</sup> 0	7 <sup>7</sup> 3 6	24 <sup>24</sup> 3	28 <sup>28</sup> 344	0 <sup>0</sup> 12	2 <sup>2</sup> 22	3 <sup>3</sup> 53	T 2
F 3	16 45 14	12 <sup>12</sup> 33'57	12 <sup>12</sup> 11	20 <sup>20</sup> 44	5 <sup>5</sup> 8	9 <sup>9</sup> 13	10 <sup>10</sup> 19	19 <sup>19</sup> 53	13 <sup>13</sup> 59	7 <sup>7</sup> 4	24 <sup>24</sup> 5	28 <sup>28</sup> 37	0 <sup>0</sup> 8	2 <sup>2</sup> 29	3 <sup>3</sup> 51	F 3
S 4	16 49 11	13 <sup>13</sup> 31'38	26 <sup>26</sup> 21	22 <sup>22</sup> 19	5 <sup>5</sup> 32	9 <sup>9</sup> 39	10 <sup>10</sup> 32	19 <sup>19</sup> 56	13 <sup>13</sup> 58	7 <sup>7</sup> 3	24 <sup>24</sup> 6	28 <sup>28</sup> 30	0 <sup>0</sup> 5	2 <sup>2</sup> 35	3 <sup>3</sup> 50	S 4
S 5	16 53 7	14 <sup>14</sup> 29'18	10 <sup>10</sup> 48	23 <sup>23</sup> 56	5 <sup>5</sup> 58	10 <sup>10</sup> 7	10 <sup>10</sup> 45	19 <sup>19</sup> 58	13 <sup>13</sup> 57	7 <sup>7</sup> 1	24 <sup>24</sup> 8	28 <sup>28</sup> 23	0 <sup>0</sup> 2	2 <sup>2</sup> 42	3 <sup>3</sup> 48	S 5
M 6	16 57 4	15 <sup>15</sup> 26'56	25 <sup>25</sup> 29	25 <sup>25</sup> 36	6 <sup>6</sup> 26	10 <sup>10</sup> 34	10 <sup>10</sup> 58	20 <sup>20</sup> 1	13 <sup>13</sup> 56	7 <sup>7</sup> 0	24 <sup>24</sup> 9	28 <sup>28</sup> 18	29 <sup>29</sup> 359	2 <sup>2</sup> 48	3 <sup>3</sup> 46	M 6
T 7	17 1 0	16 <sup>16</sup> 24'34	10 <sup>10</sup> 317	27 <sup>27</sup> 18	6 <sup>6</sup> 55	11 <sup>11</sup> 1	11 <sup>11</sup> 11	20 <sup>20</sup> 3	13 <sup>13</sup> 56	6 <sup>6</sup> 59	24 <sup>24</sup> 10	28 <sup>28</sup> 15	29 <sup>29</sup> 56	2 <sup>2</sup> 55	3 <sup>3</sup> 44	T 7
W 8	17 4 57	17 <sup>17</sup> 22'10	25 <sup>25</sup> 4	29 <sup>29</sup> 2	7 <sup>7</sup> 25	11 <sup>11</sup> 29	11 <sup>11</sup> 24	20 <sup>20</sup> 6	13 <sup>13</sup> 55	6 <sup>6</sup> 57	24 <sup>24</sup> 12	28 <sup>28</sup> D14	29 <sup>29</sup> 53	3 <sup>3</sup> 2	3 <sup>3</sup> 42	W 8
T 9	17 8 53	18 <sup>18</sup> 19'45	9 <sup>9</sup> 45	0 <sup>0</sup> II49	7 <sup>7</sup> 57	11 <sup>11</sup> 57	11 <sup>11</sup> 37	20 <sup>20</sup> 8	13 <sup>13</sup> 54	6 <sup>6</sup> 56	24 <sup>24</sup> 13	28 <sup>28</sup> 14	29 <sup>29</sup> 49	3 <sup>3</sup> 8	3 <sup>3</sup> 40	T 9
F 10	17 12 50	19 <sup>19</sup> 17'20	24 <sup>24</sup> 13	2 <sup>2</sup> 38	8 <sup>8</sup> 30	12 <sup>12</sup> 25	11 <sup>11</sup> 51	20 <sup>20</sup> 10	13 <sup>13</sup> 54	6 <sup>6</sup> 54	24 <sup>24</sup> 14	28 <sup>28</sup> 15	29 <sup>29</sup> 46	3 <sup>3</sup> 15	3 <sup>3</sup> 38	F 10
S 11	17 16 47	20 <sup>20</sup> 14'53	8 <sup>8</sup> 26	4 <sup>4</sup> 29	9 <sup>9</sup> 5	12 <sup>12</sup> 53	12 <sup>12</sup> 4	20 <sup>20</sup> 12	13 <sup>13</sup> 53	6 <sup>6</sup> 53	24 <sup>24</sup> 16	28 <sup>28</sup> 17	29 <sup>29</sup> 43	3 <sup>3</sup> 22	3 <sup>3</sup> 36	S 11
S 12	17 20 43	21 <sup>21</sup> 12'26	22 <sup>22</sup> 22	6 <sup>6</sup> 22	9 <sup>9</sup> 41	13 <sup>13</sup> 22	12 <sup>12</sup> 17	20 <sup>20</sup> 14	13 <sup>13</sup> 53	6 <sup>6</sup> 51	24 <sup>24</sup> 17	28 <sup>28</sup> R17	29 <sup>29</sup> 40	3 <sup>3</sup> 28	3 <sup>3</sup> 33	S 12
M13	17 24 40	22 <sup>22</sup> 9'58	6 <sup>6</sup> Y 1	8 <sup>8</sup> 18	10 <sup>10</sup> 18	13 <sup>13</sup> 50	12 <sup>12</sup> 30	20 <sup>20</sup> 16	13 <sup>13</sup> 52	6 <sup>6</sup> 49	24 <sup>24</sup> 19	28 <sup>28</sup> 16	29 <sup>29</sup> 37	3 <sup>3</sup> 35	3 <sup>3</sup> 31	M13
T 14	17 28 36	23 <sup>23</sup> 7'30	19 <sup>19</sup> 25	10 <sup>10</sup> 15	10 <sup>10</sup> 56	14 <sup>14</sup> 19	12 <sup>12</sup> 43	20 <sup>20</sup> 17	13 <sup>13</sup> 52	6 <sup>6</sup> 48	24 <sup>24</sup> 20	28 <sup>28</sup> 14	29 <sup>29</sup> 34	3 <sup>3</sup> 42	3 <sup>3</sup> 29	T 14
W15	17 32 33	24 <sup>24</sup> 5'00	2 <sup>2</sup> 32	12 <sup>12</sup> 15	11 <sup>11</sup> 35	14 <sup>14</sup> 48	12 <sup>12</sup> 57	20 <sup>20</sup> 19	13 <sup>13</sup> 51	6 <sup>6</sup> 46	24 <sup>24</sup> 21	28 <sup>28</sup> 10	29 <sup>29</sup> 30	3 <sup>3</sup> 48	3 <sup>3</sup> 26	W15
T 16	17 36 29	25 <sup>25</sup> 2'30	15 <sup>15</sup> 25	14 <sup>14</sup> 17	12 <sup>12</sup> 16	15 <sup>15</sup> 17	13 <sup>13</sup> 10	20 <sup>20</sup> 21	13 <sup>13</sup> 51	6 <sup>6</sup> 45	24 <sup>24</sup> 23	28 <sup>28</sup> 5	29 <sup>29</sup> 27	3 <sup>3</sup> 55	3 <sup>3</sup> 24	T 16
F 17	17 40 26	25 <sup>25</sup> 59'59	28 <sup>28</sup> 5	16 <sup>16</sup> 21	12 <sup>12</sup> 57	15 <sup>15</sup> 47	13 <sup>13</sup> 23	20 <sup>20</sup> 22	13 <sup>13</sup> 51	6 <sup>6</sup> 43	24 <sup>24</sup> 24	28 <sup>28</sup> 0	29 <sup>29</sup> 24	4 <sup>4</sup> 2	3 <sup>3</sup> 21	F 17
S 18	17 44 22	26 <sup>26</sup> 57'28	10 <sup>10</sup> II33	18 <sup>18</sup> 26	13 <sup>13</sup> 40	16 <sup>16</sup> 16	13 <sup>13</sup> 37	20 <sup>20</sup> 23	13 <sup>13</sup> 50	6 <sup>6</sup> 42	24 <sup>24</sup> 26	27 <sup>27</sup> 55	29 <sup>29</sup> 21	4 <sup>4</sup> 8	3 <sup>3</sup> 18	S 18
S 19	17 48 19	27 <sup>27</sup> 54'56	22 <sup>22</sup> 49	20 <sup>20</sup> 34	14 <sup>14</sup> 23	16 <sup>16</sup> 46	13 <sup>13</sup> 50	20 <sup>20</sup> 25	13 <sup>13</sup> 50	6 <sup>6</sup> 40	24 <sup>24</sup> 27	27 <sup>27</sup> 50	29 <sup>29</sup> 18	4 <sup>4</sup> 15	3 <sup>3</sup> 16	S 19
M20	17 52 16	28 <sup>28</sup> 52'23	4 <sup>4</sup> 55	22 <sup>22</sup> 42	15 <sup>15</sup> 7	17 <sup>17</sup> 16	14 <sup>14</sup> 3	20 <sup>20</sup> 26	13 <sup>13</sup> 50	6 <sup>6</sup> 38	24 <sup>24</sup> 28	27 <sup>27</sup> 47	29 <sup>29</sup> 14	4 <sup>4</sup> 22	3 <sup>3</sup> 13	M20
T 21	17 56 12	29 <sup>29</sup> 49'49	16 <sup>16</sup> 52	24 <sup>24</sup> 52	15 <sup>15</sup> 52	17 <sup>17</sup> 46	14 <sup>14</sup> 17	20 <sup>20</sup> 27	13 <sup>13</sup> D50	6 <sup>6</sup> 37	24 <sup>24</sup> 30	27 <sup>27</sup> 45	29 <sup>29</sup> 11	4 <sup>4</sup> 28	3 <sup>3</sup> 10	T 21
W22	18 0 9	0 <sup>0</sup> 347'14	28 <sup>28</sup> 43	27 <sup>27</sup> 3	16 <sup>16</sup> 38	18 <sup>18</sup> 16	14 <sup>14</sup> 30	20 <sup>20</sup> 28	13 <sup>13</sup> 50	6 <sup>6</sup> 35	24 <sup>24</sup> 31	27 <sup>27</sup> D44	29 <sup>29</sup> 8	4 <sup>4</sup> 35	3 <sup>3</sup> 7	W22
T 23	18 4 5	1 <sup>1</sup> 44'38	10 <sup>10</sup> II30	29 <sup>29</sup> 14	17 <sup>17</sup> 25	18 <sup>18</sup> 47	14 <sup>14</sup> 44	20 <sup>20</sup> 29	13 <sup>13</sup> 50	6 <sup>6</sup> 34	24 <sup>24</sup> 32	27 <sup>27</sup> 45	29 <sup>29</sup> 5	4 <sup>4</sup> 41	3 <sup>3</sup> 4	T 23
F 24	18 8 2	2 <sup>2</sup> 42'01	22 <sup>22</sup> 17	1 <sup>1</sup> 26	18 <sup>18</sup> 13	19 <sup>19</sup> 17	14 <sup>14</sup> 57	20 <sup>20</sup> 29	13 <sup>13</sup> 50	6 <sup>6</sup> 32	24 <sup>24</sup> 34	27 <sup>27</sup> 46	29 <sup>29</sup> 2	4 <sup>4</sup> 48	3 <sup>3</sup> 2	F 24
S 25	18 11 58	3 <sup>3</sup> 39'24	4 <sup>4</sup> 11 8	3 <sup>3</sup> 38	19 <sup>19</sup> 1	19 <sup>19</sup> 48	15 <sup>15</sup> 11	20 <sup>20</sup> 30	13 <sup>13</sup> 51	6 <sup>6</sup> 30	24 <sup>24</sup> 35	27 <sup>27</sup> 48	28 <sup>28</sup> 59	4 <sup>4</sup> 55	2 <sup>2</sup> 59	S 25
S 26	18 15 55	4 <sup>4</sup> 36'45	16 <sup>16</sup> 6	5 <sup>5</sup> 50	19 <sup>19</sup> 50	20 <sup>20</sup> 19	15 <sup>15</sup> 24	20 <sup>20</sup> 31	13 <sup>13</sup> 51	6 <sup>6</sup> 29	24 <sup>24</sup> 37	27 <sup>27</sup> 50	28 <sup>28</sup> 55	5 <sup>5</sup> 1	2 <sup>2</sup> 56	S 26
M27	18 19 51	5 <sup>5</sup> 34'06	28 <sup>28</sup> 16	8 <sup>8</sup> 2	20 <sup>20</sup> 40	20 <sup>20</sup> 50	15 <sup>15</sup> 38	20 <sup>20</sup> 31	13 <sup>13</sup> 51	6 <sup>6</sup> 27	24 <sup>24</sup> 38	27 <sup>27</sup> 50	28 <sup>28</sup> 52	5 <sup>5</sup> 8	2 <sup>2</sup> 52	M27
T 28	18 23 48	6 <sup>6</sup> 31'26	10 <sup>10</sup> II43	10 <sup>10</sup> 13	21 <sup>21</sup> 30	21 <sup>21</sup> 21	15 <sup>15</sup> 51	20 <sup>20</sup> 31	13 <sup>13</sup> 51	6 <sup>6</sup> 25	24 <sup>24</sup> 39	27 <sup>27</sup> R51	28 <sup>28</sup> 49	5 <sup>5</sup> 15	2 <sup>2</sup> 49	T 28
W29	18 27 45	7 <sup>7</sup> 28'45	23 <sup>23</sup> 32	12 <sup>12</sup> 23	22 <sup>22</sup> 21	21 <sup>21</sup> 52	16 <sup>16</sup> 5	20 <sup>20</sup> 32	13 <sup>13</sup> 52	6 <sup>6</sup> 24	24 <sup>24</sup> 41	27 <sup>27</sup> 50	28 <sup>28</sup> 46	5 <sup>5</sup> 21	2 <sup>2</sup> 46	W29
T 30	18 31 41	8 <sup>8</sup> 26'03	6 <sup>6</sup> II45	14 <sup>14</sup> 32	23 <sup>23</sup> 13	22 <sup>22</sup> 11 24	16 <sup>16</sup> 519	20 <sup>20</sup> 32	13 <sup>13</sup> 52	6 <sup>6</sup> 22	24 <sup>24</sup> II42	27 <sup>27</sup> 348	28 <sup>28</sup> 43	5 <sup>5</sup> 128	2 <sup>2</sup> 43	T 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	21n58	10s36	5s 0	14n23	2s47	12n13	0s47	9n43	1n24	22n58	0s 2	5s36	1s43	4s52	0n42	21s58	1n12	13n30	9s44	20s19	20s 2	19n25	12s 9	7n15					
T 2	22 6	15 43	5 8	14 53	2 41	12 11	0 56	9 32	1 23	22 57	0 2	5 35	1 43	4 51	0 42	21 58	1 12	13 31	9 43	20 21	20 2	19 22	12 9	7 16					
F 3	22 13	20 13	5 0	15 24	2 34	12 10	1 5	9 21	1 22	22 56	0 2	5 34	1 43	4 51	0 42	21 59	1 12	13 31	9 43	20 22	20 3	19 20	12 9	7 16					
S 4	22 21	23 42	4 33	15 55	2 27	12 10	1 13	9 10	1 20	22 55	0 2	5 34	1 43	4 51	0 42	21 59	1 12	13 31	9 43	20 23	20 4	19 18	12 9	7 17					
S 5	22 28	25 45	3 48	16 26	2 19	12 11	1 22	8 58	1 19	22 54	0 1	5 33	1 44	4 50	0 42	21 59	1 12	13 31	9 43	20 25	20 4	19 15	12 9	7 17					
M 6	22 34	26 5	2 48	16 58	2 11	12 13	1 29	8 47	1 17	22 53	0 1	5 32	1 44	4 50	0 42	21 59	1 12	13 31	9 43	20 26	20 5	19 13	12 9	7 17					
T 7	22 40	24 33	1 36	17 30	2 3	12 15	1 37	8 35	1 16	22 52	0 1	5 31	1 44	4 50	0 42	21 59	1 12	13 31	9 43	20 26	20 6	19 11	12 9	7 18					
W 8	22 46	21 20	0 17	18 1	1 54	12 18	1 44	8 23	1 15	22 51	0 1	5 31	1 44	4 50	0 42	21 59	1 12	13 31	9 43	20 27	20 6	19 8	12 9	7 18					
T 9	22 51	16 45	1n 2	18 33	1 45	12 22	1 51	8 11	1 14	22 50	0 1	5 30	1 45	4 49	0 42	21 59	1 12	13 31	9 43	20 27	20 7	19 6	12 9	7 19					
F 10	22 56	11 15	2 17	19 4	1 35	12 26	1 57	8 0	1 12	22 49	0 1	5 29	1 45	4 49	0 42	21 59	1 12	13 32	9 43	20 26	20 8	19 3	12 9	7 19					
S 11	23 0	5 16	3 21	19 34	1 25	12 31	2 3	7 48	1 11	22 48	0 1	5 29	1 45	4 49	0 42	21 59	1 12	13 32	9 43	20 26	20 8	19 1	12 9	7 20					
S 12	23 4	0n51	4 13	20 4	1 15	12 37	2 9	7 35	1 10	22 47	0 1	5 28	1 45	4 49	0 42	21 59	1 12	13 32	9 43	20 26	20 9	18 59	12 9	7 20					
M13	23 8	6 48	4 49	20 33	1 5	12 43	2 15	7 23	1 8	22 46	0 1	5 28	1 45	4 49	0 42	21 59	1 12	13 32	9 43	20 26	20 10	18 56	12 9	7 20					
T 14	23 11	12 19	5 8	21 1	0 54	12 50	2 20	7 11	1 7	22 45	0 1	5 27	1 46	4 49	0 42	21 59	1 12	13 32	9 43	20 27	20 10	18 54	12 9	7 21					
W15	23 14	17 10	5 11	21 28	0 43	12 57	2 25	6 59	1 6	22 43	0 0	5 27	1 46	4 49	0 42	21 59	1 12	13 32	9 43	20 27	20 11	18 51	12 9	7 21					
T 16	23 16	21 9	4 58	21 54	0 32	13 5	2 30	6 46	1 5	22 42	0 0	5 26	1 46	4 48	0 41	21 59	1 12	13 32	9 43	20 28	20 12	18 49	12 10	7 22					
F 17	23 18	24 3	4 30	22 18	0 21	13 13	2 34	6 34	1 3	22 41	0 0	5 26	1 46	4 48	0 41	22 0	1 12	13 32	9 43	20 29	20 12	18 47	12 10	7 22					
S 18	23 19	25 45	3 50	22 41	0 10	13 22	2 39	6 21	1 2	22 40	0 0	5 26	1 47	4 48	0 41	22 0	1 12	13 32	9 42	20 31	20 13	18 44	12 10	7 22					
S 19	23 20	26 9	3 0	23 2	0n 0	13 30	2 43	6 9	1 1	22 38	0 0	5 26	1 47	4 48	0 41	22 0	1 12	13 32	9 42	20 31	20 14	18 42	12 10	7 23					
M20	23 21	25 18	2 2	23 21	0 11	13 40	2 46	5 56	1 0	22 37	0n 0	5 25	1 47	4 48	0 41	22 0	1 12	13 33	9 42	20 32	20 14	18 39	12 11	7 23					
T 21	23 21	23 17	0 59	23 37	0 22	13 49	2 50	5 43	0 59	22 36	0 0	5 25	1 47	4 48	0 41	22 0	1 12	13 33	9 42	20 32	20 15	18 37	12 11	7 24					
W22	23 21	20 16	0s 5	23 51	0 32	13 59	2 53	5 30	0 58	22 34	0 0	5 25	1 48	4 48	0 41	22 0	1 12	13 33	9 42	20 33	20 16	18 35	12 11	7 24					
T 23	23 21	16 25	1 10	24 3	0 42	14 9	2 56	5 17	0 56	22 33	0 0	5 25	1 48	4 48	0 41	22 0	1 12	13 33	9 42	20 32	20 16	18 32	12 11	7 24					
F 24	23 20	11 58	2 11	24 12	0 51	14 19	2 59	5 4	0 55	22 32	0 0	5 25	1 48	4 49	0 41	22 0	1 12	13 33	9 42	20 32	20 17	18 30	12 12	7 24					
S 25	23 18	7 3	3 7	24 18	1 0	14 30	3 2	4 51	0 54	22 30	0 0	5 25	1 48	4 49	0 41	22 0	1 12	13 33	9 42	20 32	20 18	18 27	12 12	7 25					
S 26	23 17	1 50	3 56	24 22	1 8	14 41	3 4	4 38	0 53	22 29	0 1	5 25	1 49	4 49	0 41	22 0	1 12	13 33	9 42	20 32	20 18	18 25	12 12	7 25					
M27	23 14	3s31	4 35	24 23	1 16	14 52	3 6	4 25	0 52	22 27	0 1	5 25	1 49	4 49	0 41	22 0	1 12	13 33	9 42	20 31	20 19	18 22	12 13	7 25					
T 28	23 12	8 51	5 2	24 21	1 23	15 3	3 8	4 12	0 51	22 26	0 1	5 25	1 49	4 49	0 41	22 0	1 12	13 33	9 42	20 31	20 20	18 20	12 13	7 26					
W29	23 9	13 59	5 15	24 16	1 30	15 14	3 10	3 58	0 50	22 24	0 1	5 25	1 49	4 49	0 41	22 1	1 12	13 33	9 42	20 31	20 20	18 17	12 14	7 26					
T 30	23n 5	18s38	5s12	24n 9	1n35	15n25	3s12	3n45	0n49	22n23	0n 1	5s25	1s50	4s49	0n41	22s 1	1n12	13n33	9s42	20s32	20s21	18n15	12s14	7n26					





# ASTRODIENST EPHEMERIS for the year 2642

SEPTEMBER 2642

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 40 4	8 <sup>h</sup> 41'10	5 <sup>h</sup> 57	4°R 5	29 <sup>h</sup> 56 6	29 <sup>h</sup> 56 6	0 <sup>h</sup> 8 8	17°R49	15 <sup>h</sup> 56	5°R 6	25 <sup>h</sup> 46	27°R 3	25 <sup>h</sup> 23	12 <sup>h</sup> 27	29°R13	T 1
F 2	22 44 1	9°38'57	20°59	3 <sup>h</sup> 21	0 <sup>h</sup> 15	29°55	0°20	17 <sup>h</sup> 44	15°59	5 <sup>h</sup> 5	25°47	26°R58	25°19	12°33	29°R10	F 2
S 3	22 47 57	10°36'45	5°46	2°42	1°24	0 <sup>h</sup> 33	0°32	17°40	16°2	5°5	25°47	26°51	25°16	12°40	29°8	S 3
S 4	22 51 54	11°34'34	20°12	2°8	2°33	1°12	0°43	17°35	16°6	5°4	25°48	26°44	25°13	12°47	29°6	S 4
M 5	22 55 50	12°32'26	4 <sup>h</sup> 10	1°41	3°43	1°50	0°55	17°31	16°9	5°4	25°48	26°38	25°10	12°53	29°3	M 5
T 6	22 59 47	13°30'19	17°41	1°20	4°52	2°28	1°7	17°26	16°12	5°4	25°48	26°34	25°7	13°0	29°1	T 6
W 7	23 3 44	14°28'14	0 <sup>h</sup> 43	1°6	6°2	3°7	1°18	17°22	16°16	5°3	25°49	26°31	25°3	13°7	28°59	W 7
T 8	23 7 40	15°26'10	13°21	1°D 1	7°12	3°46	1°30	17°17	16°19	5°3	25°49	26°D30	25°0	13°13	28°57	T 8
F 9	23 11 37	16°24'09	25°39	1°3	8°22	4°25	1°41	17°12	16°22	5°3	25°50	26°30	24°57	13°20	28°55	F 9
S 10	23 15 33	17°22'09	7 <sup>h</sup> 42	1°14	9°32	5°3	1°53	17°8	16°26	5°2	25°50	26°31	24°54	13°27	28°53	S 10
S 11	23 19 30	18°20'11	19°34	1°33	10°42	5°42	2°4	17°3	16°29	5°2	25°50	26°32	24°51	13°33	28°52	S 11
M12	23 23 26	19°18'15	1 <sup>h</sup> 22	2°0	11°52	6°21	2°15	16°59	16°33	5°2	25°51	26°R32	24°48	13°40	28°50	M12
T 13	23 27 23	20°16'20	13°8	2°35	13°3	7°0	2°26	16°54	16°36	5°2	25°51	26°31	24°44	13°47	28°48	T 13
W14	23 31 19	21°14'27	24°58	3°19	14°13	7°40	2°37	16°50	16°40	5°2	25°51	26°27	24°41	13°53	28°47	W14
T 15	23 35 16	22°12'36	6 <sup>h</sup> 54	4°10	15°24	8°19	2°48	16°45	16°43	5°2	25°51	26°21	24°38	14°0	28°45	T 15
F 16	23 39 13	23°10'47	18°58	5°9	16°34	8°58	2°59	16°41	16°47	5°2	25°52	26°12	24°35	14°7	28°44	F 16
S 17	23 43 9	24°9'00	1 <sup>h</sup> 12	6°15	17°45	9°38	3°10	16°36	16°50	5°D 2	25°52	26°2	24°32	14°13	28°42	S 17
S 18	23 47 6	25°7'14	13°36	7°27	18°56	10°17	3°20	16°32	16°54	5°2	25°52	25°51	24°29	14°20	28°41	S 18
M19	23 51 2	26°5'29	26°12	8°45	20°7	10°57	3°31	16°27	16°57	5°2	25°52	25°41	24°25	14°27	28°40	M19
T 20	23 54 59	27°3'47	8 <sup>h</sup> 59	10°9	21°18	11°36	3°41	16°23	17°1	5°2	25°52	25°31	24°22	14°33	28°38	T 20
W21	23 58 55	28°2'06	21°59	11°38	22°29	12°16	3°52	16°18	17°5	5°2	25°52	25°24	24°19	14°40	28°37	W21
T 22	0 2 52	29°0'26	5 <sup>h</sup> 12	13°12	23°40	12°56	4°2	16°14	17°8	5°2	25°52	25°19	24°16	14°46	28°36	T 22
F 23	0 6 48	29°58'48	18°39	14°49	24°51	13°36	4°12	16°10	17°12	5°2	25°52	25°17	24°13	14°53	28°35	F 23
S 24	0 10 45	0 <sup>h</sup> 57'12	2 <sup>h</sup> 21	16°29	26°3	14°16	4°22	16°5	17°16	5°3	25°53	25°D16	24°9	15°0	28°34	S 24
S 25	0 14 42	1°55'37	16°20	18°13	27°14	14°56	4°32	16°1	17°19	5°3	25°53	25°17	24°6	15°6	28°34	S 25
M26	0 18 38	2°54'04	0 <sup>h</sup> 35	19°58	28°26	15°36	4°42	15°57	17°23	5°3	25°R53	25°R17	24°3	15°13	28°33	M26
T 27	0 22 35	3°52'32	15°5	21°46	29°37	16°16	4°52	15°52	17°27	5°4	25°53	25°15	24°0	15°20	28°32	T 27
W28	0 26 31	4°51'01	29°47	23°35	0 <sup>h</sup> 49	16°56	5°2	15°48	17°30	5°4	25°52	25°12	23°57	15°26	28°32	W28
T 29	0 30 28	5°49'32	14 <sup>h</sup> 35	25°25	2°1	17°37	5°11	15°44	17°34	5°4	25°52	25°5	23°54	15°33	28°31	T 29
F 30	0 34 24	6 <sup>h</sup> 48'05	29 <sup>h</sup> 42	27 <sup>h</sup> 16	3 <sup>h</sup> 13	18 <sup>h</sup> 17	5 <sup>h</sup> 21	15 <sup>h</sup> 40	17 <sup>h</sup> 38	5 <sup>h</sup> 5	25 <sup>h</sup> 52	24 <sup>h</sup> 56	23 <sup>h</sup> 50	15 <sup>h</sup> 40	28 <sup>h</sup> 31	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	8n17	6s16	3n15	6n15	4s 0	19n18	1s 0	11s18	0s 7	20n10	0n 7	6s40	2s 2	5s39	0n39	T 1
F 2	7 56	0n17	4 11	6 44	3 46	19 7	0 56	11 32	0 8	20 8	0 7	6 42	2 2	5 40	0 39	F 2
S 3	7 34	6 42	4 49	7 12	3 31	18 56	0 52	11 46	0 9	20 5	0 7	6 44	2 2	5 42	0 39	S 3
S 4	7 12	12 36	5 7	7 39	3 14	18 44	0 48	12 0	0 10	20 3	0 7	6 46	2 2	5 43	0 39	S 4
M 5	6 50	17 40	5 6	8 5	2 57	18 32	0 45	12 14	0 10	20 0	0 8	6 47	2 2	5 44	0 39	M 5
T 6	6 28	21 39	4 48	8 29	2 39	18 19	0 41	12 28	0 11	19 58	0 8	6 49	2 2	5 46	0 38	T 6
W 7	6 6	24 24	4 16	8 51	2 20	18 6	0 37	12 42	0 12	19 56	0 8	6 51	2 2	5 47	0 38	W 7
T 8	5 43	25 50	3 32	9 11	2 2	17 52	0 34	12 55	0 12	19 53	0 8	6 53	2 2	5 48	0 38	T 8
F 9	5 21	25 56	2 39	9 28	1 43	17 38	0 30	13 9	0 13	19 51	0 8	6 55	2 2	5 49	0 38	F 9
S 10	4 58	24 48	1 40	9 41	1 24	17 23	0 26	13 23	0 14	19 48	0 8	6 57	2 2	5 51	0 38	S 10
S 11	4 36	22 33	0 38	9 52	1 6	17 8	0 23	13 36	0 14	19 46	0 8	6 58	2 2	5 52	0 38	S 11
M12	4 13	19 22	0s26	9 59	0 48	16 52	0 19	13 50	0 15	19 44	0 8	7 0	2 2	5 53	0 38	M12
T 13	3 50	15 24	1 28	10 2	0 31	16 36	0 16	14 3	0 16	19 41	0 8	7 2	2 2	5 55	0 38	T 13
W14	3 28	10 51	2 27	10 2	0 14	16 19	0 12	14 17	0 17	19 39	0 9	7 4	2 2	5 56	0 38	W14
T 15	3 5	5 52	3 19	9 58	0n 1	16 2	0 9	14 30	0 17	19 36	0 9	7 6	2 2	5 58	0 38	T 15
F 16	2 42	0 37	4 3	9 50	0 16	15 44	0 5	14 43	0 18	19 34	0 9	7 7	2 2	5 59	0 38	F 16
S 17	2 19	4s42	4 36	9 39	0 30	15 26	0 14	14 56	0 19	19 32	0 9	7 9	2 3	6 0	0 38	S 17
S 18	1 56	9 55	4 57	9 24	0 42	15 7	0n 2	15 9	0 19	19 29	0 9	7 11	2 3	6 2	0 38	S 18
M19	1 33	14 48	5 4	9 5	0 54	14 49	0 5	15 22	0 20	19 27	0 9	7 13	2 3	6 3	0 38	M19
T 20	1 10	19 7	4 56	8 44	1 4	14 29	0 8	15 35	0 21	19 25	0 9	7 14	2 3	6 4	0 38	T 20
W21	0 47	22 35	4 32	8 19	1 14	14 9	0 12	15 48	0 21	19 22	0 9	7 16	2 3	6 6	0 38	W21
T 22	0 24	24 56	3 54	7 51	1 22	13 49	0 15	16 1	0 22	19 20	0 10	7 18	2 3	6 7	0 38	T 22
F 23	0 0	25 54	3 2	7 20	1 29	13 29	0 18	16 13	0 22	19 18	0 10	7 20	2 3	6 9	0 38	F 23
S 24	0s23	25 19	1 59	6 46	1 35	13 8	0 21	16 26	0 23	19 16	0 10	7 21	2 3	6 10	0 38	S 24
S 25	0 46	23 9	0 48	6 11	1 40	12 46	0 24	16 38	0 24	19 13	0 10	7 23	2 3	6 11	0 38	S 25
M26	1 9	19 30	0n28	5 33	1 44	12 24	0 27	16 51	0 24	19 11	0 10	7 25	2 3	6 13	0 38	M26
T 27	1 32	14 36	1 43	4 53	1 47	12 2	0 30	17 3	0 25	19 9	0 10	7 26	2 3	6 14	0 38	T 27
W28	1 55	8 49	2 52	4 12	1 49	11 40	0 33	17 15	0 26	19 7	0 10	7 28	2 3	6 16	0 38	W28
T 29	2 18	2 30	3 50	3 30	1 50	11 17	0 36	17 27	0 26	19 4	0 10	7 29	2 3	6 17	0 38	T 29
F 30	2s41	3n55	4n33	2n46	1n50	10n54	0n39	17s39	0s27	19n 2	0n11	7s31	2s 3	6s19	0n38	F 30

Julian Day Number = 2686273.5, Delta T = 23m04s  
 Ecliptic obliquity = 23°21'25", Nutation = 0°00'16"  
 Ayanamsha: Fagan/Bradley = 33°43'48", Lahiri = 32°50'48"

## ASTRODIENST EPHEMERIS for the year 2642

OCTOBER 2642

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 38 21	7 <sup>h</sup> 46'40	14 <sup>h</sup> 0'0	29 <sup>m</sup> 7	4 <sup>m</sup> 25	18 <sup>m</sup> 58	5 <sup>h</sup> 03	15°R36	17 <sup>h</sup> 42	5 <sup>h</sup> 5	25°R52	24°R46	23 <sup>h</sup> 47	15 <sup>h</sup> 46	28°R30	S 1
S 2	0 42 17	8°45'17	28°20	0 <sup>h</sup> 59	5°37	19°38	5°39	15 <sup>h</sup> 32	17°45	5°6	25 <sup>h</sup> 52	24 <sup>h</sup> 34	23°44	15°53	28 <sup>h</sup> 30	S 2
M 3	0 46 14	9°43'56	12 <sup>h</sup> 17	2°50	6°49	20°19	5°48	15°28	17°49	5°6	25°52	24°24	23°41	16°0	28°30	M 3
T 4	0 50 10	10°42'37	25°48	4°41	8°1	21°0	5°57	15°24	17°53	5°7	25°52	24°15	23°38	16°6	28°30	T 4
W 5	0 54 7	11°41'20	8 <sup>h</sup> 53	6°32	9°14	21°40	6°6	15°20	17°57	5°7	25°52	24°9	23°35	16°13	28°D30	W 5
T 6	0 58 4	12°40'05	21°33	8°23	10°26	22°21	6°15	15°16	18°0	5°8	25°51	24°5	23°31	16°20	28°30	T 6
F 7	1 2 0	13°38'53	3 <sup>h</sup> 53	10°13	11°39	23°2	6°24	15°13	18°4	5°9	25°51	24°4	23°28	16°26	28°30	F 7
S 8	1 5 57	14°37'43	15°56	12°2	12°51	23°43	6°32	15°9	18°8	5°9	25°51	24°D 3	23°25	16°33	28°30	S 8
S 9	1 9 53	15°36'35	27°49	13°50	14°4	24°24	6°41	15°5	18°12	5°10	25°51	24°R 3	23°22	16°40	28°31	S 9
M10	1 13 50	16°35'29	9 <sup>h</sup> 03	15°38	15°17	25°5	6°49	15°2	18°16	5°11	25°50	24°2	23°19	16°46	28°31	M10
T 11	1 17 46	17°34'25	21°26	17°25	16°29	25°47	6°57	14°58	18°19	5°11	25°50	24°0	23°15	16°53	28°31	T 11
W12	1 21 43	18°33'23	3 <sup>h</sup> 19	19°11	17°42	26°28	7°5	14°55	18°23	5°12	25°50	23°55	23°12	17°0	28°32	W12
T 13	1 25 39	19°32'24	15°21	20°56	18°55	27°9	7°13	14°52	18°27	5°13	25°49	23°47	23°9	17°6	28°33	T 13
F 14	1 29 36	20°31'27	27°35	22°41	20°8	27°51	7°21	14°48	18°31	5°14	25°49	23°36	23°6	17°13	28°33	F 14
S 15	1 33 33	21°30'32	10 <sup>h</sup> 4	24°25	21°21	28°33	7°28	14°45	18°35	5°15	25°49	23°24	23°3	17°20	28°34	S 15
S 16	1 37 29	22°29'39	22°43	26°8	22°34	29°14	7°36	14°42	18°38	5°16	25°48	23°10	23°0	17°26	28°35	S 16
M17	1 41 26	23°28'48	5 <sup>h</sup> 39	27°50	23°48	29°56	7°43	14°39	18°42	5°17	25°48	22°57	22°56	17°33	28°36	M17
T 18	1 45 22	24°27'59	18°47	29°31	25°1	0 <sup>h</sup> 38	7°50	14°36	18°46	5°18	25°47	22°45	22°53	17°40	28°37	T 18
W19	1 49 19	25°27'12	2 <sup>h</sup> 7	1 <sup>h</sup> 11	26°14	1°20	7°57	14°33	18°50	5°19	25°47	22°35	22°50	17°46	28°38	W19
T 20	1 53 15	26°26'26	15°37	2°51	27°27	2°1	8°4	14°30	18°54	5°20	25°46	22°29	22°47	17°53	28°39	T 20
F 21	1 57 12	27°25'43	29°16	4°30	28°41	2°43	8°11	14°28	18°57	5°21	25°46	22°25	22°44	18°0	28°40	F 21
S 22	2 1 8	28°25'01	13 <sup>h</sup> 3	6°8	29°54	3°26	8°18	14°25	19°1	5°22	25°45	22°24	22°41	18°6	28°41	S 22
S 23	2 5 5	29°24'21	27°0	7°45	1 <sup>h</sup> 8	4°8	8°24	14°23	19°5	5°23	25°45	22°23	22°37	18°13	28°43	S 23
M24	2 9 2	0 <sup>h</sup> 23'43	11 <sup>h</sup> 8	9°22	2°22	4°50	8°30	14°20	19°9	5°24	25°44	22°23	22°34	18°19	28°44	M24
T 25	2 12 58	1°23'06	25°19	10°58	3°35	5°32	8°36	14°18	19°12	5°26	25°44	22°22	22°31	18°26	28°46	T 25
W26	2 16 55	2°22'31	9 <sup>h</sup> 39	12°33	4°49	6°14	8°42	14°15	19°16	5°27	25°43	22°18	22°28	18°33	28°47	W26
T 27	2 20 51	3°21'58	24°1	14°8	6°3	6°57	8°48	14°13	19°20	5°28	25°42	22°11	22°25	18°39	28°49	T 27
F 28	2 24 48	4°21'26	8 <sup>h</sup> 23	15°42	7°16	7°39	8°54	14°11	19°23	5°29	25°42	22°1	22°21	18°46	28°51	F 28
S 29	2 28 44	5°20'56	22°37	17°15	8°30	8°22	8°59	14°9	19°27	5°31	25°41	21°50	22°18	18°53	28°53	S 29
S 30	2 32 41	6°20'29	6 <sup>h</sup> 39	18°48	9°44	9°5	9°5	14°7	19°31	5°32	25°40	21°38	22°15	18°59	28°55	S 30
M31	2 36 37	7 <sup>h</sup> 20'03	20 <sup>h</sup> 23	20 <sup>h</sup> 20	10 <sup>h</sup> 58	9 <sup>h</sup> 47	9 <sup>h</sup> 10	14 <sup>h</sup> 5	19 <sup>h</sup> 34	5 <sup>h</sup> 33	25 <sup>h</sup> 40	21 <sup>h</sup> 37	22 <sup>h</sup> 12	19 <sup>h</sup> 6	28 <sup>h</sup> 57	M31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
S 1	3s 5	10n 3	4n57	2n 2	1n50	10n31	0n42	17s50	0s27	19n 0	0n11	7s32	2s 2	6s20	0n38	22s 7
S 2	3 28	15 32	5 1	1 17	1 49	10 7	0 45	18 2	0 28	18 58	0 11	7 34	2 2	6 21	0 38	22 7
M 3	3 31	20 2	4 47	0 31	1 47	9 43	0 47	18 13	0 29	18 56	0 11	7 35	2 2	6 23	0 38	22 7
T 4	4 14	23 19	4 18	0s15	1 45	9 18	0 50	18 25	0 29	18 54	0 11	7 37	2 2	6 24	0 38	22 7
W 5	4 36	25 15	3 35	1 2	1 42	8 54	0 53	18 36	0 30	18 52	0 11	7 38	2 2	6 26	0 38	22 7
T 6	4 59	25 48	2 43	1 48	1 38	8 29	0 55	18 47	0 30	18 50	0 11	7 40	2 2	6 27	0 38	22 7
F 7	5 22	25 3	1 45	2 35	1 34	8 4	0 57	18 58	0 31	18 48	0 11	7 41	2 2	6 29	0 38	22 7
S 8	5 45	23 7	0 43	3 21	1 30	7 38	1 0	19 9	0 32	18 46	0 12	7 43	2 2	6 30	0 38	22 7
S 9	6 7	20 12	0s20	4 7	1 26	7 12	1 2	19 20	0 32	18 44	0 12	7 44	2 2	6 32	0 38	22 7
M10	6 30	16 28	1 22	4 53	1 21	6 46	1 4	19 30	0 33	18 42	0 12	7 45	2 2	6 33	0 38	22 7
T 11	6 53	12 6	2 20	5 39	1 15	6 20	1 7	19 41	0 33	18 40	0 12	7 47	2 2	6 34	0 38	22 7
W12	7 15	7 16	3 12	6 24	1 10	5 54	1 9	19 51	0 34	18 38	0 12	7 48	2 2	6 36	0 38	22 7
T 13	7 37	2 7	3 56	7 9	1 4	5 27	1 11	20 1	0 34	18 36	0 12	7 49	2 2	6 37	0 38	22 7
F 14	7 59	3s10	4 30	7 54	0 58	5 1	1 13	20 11	0 35	18 34	0 12	7 50	2 2	6 39	0 38	22 7
S 15	8 21	8 26	4 52	8 37	0 52	4 34	1 15	20 21	0 36	18 33	0 13	7 51	2 2	6 40	0 38	22 7
S 16	8 43	13 27	5 0	9 21	0 46	4 6	1 16	20 30	0 36	18 31	0 13	7 53	2 2	6 42	0 38	22 7
M17	9 5	17 57	4 53	10 3	0 39	3 39	1 18	20 40	0 37	18 29	0 13	7 54	2 2	6 43	0 38	22 7
T 18	9 27	21 41	4 30	10 45	0 33	3 12	1 20	20 49	0 37	18 27	0 13	7 55	2 1	6 45	0 38	22 7
W19	9 49	24 18	3 52	11 26	0 26	2 44	1 21	20 58	0 38	18 26	0 13	7 56	2 1	6 46	0 38	22 7
T 20	10 10	25 35	3 1	12 7	0 19	2 17	1 23	21 7	0 38	18 24	0 13	7 57	2 1	6 47	0 38	22 7
F 21	10 31	25 20	1 59	12 47	0 12	1 49	1 24	21 16	0 39	18 22	0 13	7 58	2 1	6 49	0 38	22 7
S 22	10 53	23 32	0 49	13 26	0 6	1 21	1 26	21 25	0 39	18 21	0 14	7 59	2 1	6 50	0 38	22 7
S 23	11 13	20 17	0n24	14 4	0s 1	0 53	1 27	21 33	0 40	18 19	0 14	7 59	2 1	6 52	0 38	22 7
M24	11 34	15 50	1 37	14 42	0 8	0 25	1 28	21 41	0 40	18 18	0 14	8 0	2 1	6 53	0 38	22 7
T 25	11 55	10 27	2 45	15 18	0 15	0s 3	1 29	21 49	0 41	18 16	0 14	8 1	2 1	6 54	0 38	22 7
W26	12 15	4 29	3 42	15 54	0 22	0 31	1 31	21 57	0 41	18 15	0 14	8 2	2 1	6 56	0 38	22 7
T 27	12 36	1n42	4 26	16 29	0 29	0 59	1 32	22 5	0 42	18 14	0 14	8 3	2 1	6 57	0 38	22 7
F 28	12 56	7 48	4 53	17 3	0 36	1 28	1 32	22 13	0 42	18 12	0 14	8 3	2 0	6 59	0 38	22 7
S 29	13 16	13 25	5 1	17 37	0 43	1 56	1 33	22 20	0 43	18 11	0 15	8 4	2 0	7 0	0 38	22 7
S 30	13 35	18 16	4 51	18 9	0 50	2 24	1 34	22 27	0 43	18 10	0 15	8 5	2 0	7 1	0 38	22 7
M31	13s55	22n 1	4n24	18s40	0s56	2s52	1n35	22s34	0s44	18n 8	0n15	8s 5	2s 0	7s 3	0n38	22s 7

Julian Day Number = 2686303.5, Delta T = 23m05s

Ecliptic obliquity = 23°21'25, Nutation = 0°00'15

Ayanamsha: Fagan/Bradley = 33°43'52, Lahiri = 32°50'52

## ASTRODIENST EPHEMERIS for the year 2642

NOVEMBER 2642

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 40 34	8♂19°39	3♂45	21♂52	12♂12	10♂30	9♂15	14°R 4	19♂38	5♂35	25°R39	21°R17	22♂ 9	19♂13	28♂59	T 1
W 2	2 44 31	9°19'18	16°46	23°23	13°26	11°13	9°20	14°H 2	19°42	5°36	25°H38	21°R10	22° 6	19°19	29° 1	W 2
T 3	2 48 27	10°18'58	29°25	24°53	14°40	11°56	9°24	14° 0	19°45	5°38	25°37	21° 6	22° 2	19°26	29° 3	T 3
F 4	2 52 24	11°18'41	11♂44	26°23	15°55	12°39	9°29	13°59	19°49	5°39	25°37	21° 3	21°59	19°33	29° 5	F 4
S 5	2 56 20	12°18'26	23°49	27°52	17° 9	13°22	9°33	13°58	19°53	5°41	25°36	21°D 3	21°56	19°39	29° 8	S 5
S 6	3 0 17	13°18'13	5♂43	29°21	18°23	14° 5	9°37	13°56	19°56	5°42	25°35	21° 3	21°53	19°46	29°10	S 6
M 7	3 4 13	14°18'03	17°32	0♂49	19°37	14°48	9°41	13°55	20° 0	5°44	25°34	21°R 4	21°50	19°53	29°13	M 7
T 8	3 8 10	15°17'54	29°21	2°16	20°52	15°31	9°45	13°54	20° 3	5°45	25°33	21° 3	21°46	19°59	29°15	T 8
W 9	3 12 6	16°17'47	11♂16	3°43	22° 6	16°15	9°49	13°53	20° 7	5°47	25°33	20°59	21°43	20° 6	29°18	W 9
T 10	3 16 3	17°17'43	23°22	5° 9	23°21	16°58	9°52	13°52	20°10	5°49	25°32	20°54	21°40	20°13	29°20	T 10
F 11	3 20 0	18°17'41	5♂42	6°34	24°35	17°41	9°55	13°52	20°14	5°50	25°31	20°46	21°37	20°19	29°23	F 11
S 12	3 23 56	19°17'41	18°20	7°59	25°49	18°25	9°58	13°51	20°17	5°52	25°30	20°36	21°34	20°26	29°26	S 12
S 13	3 27 53	20°17'42	1♂15	9°23	27° 4	19° 9	10° 1	13°50	20°21	5°54	25°29	20°25	21°31	20°33	29°29	S 13
M14	3 31 49	21°17'46	14°29	10°46	28°19	19°52	10° 4	13°50	20°24	5°55	25°28	20°14	21°27	20°39	29°32	M14
T 15	3 35 46	22°17'52	28° 0	12° 9	29°33	20°36	10° 6	13°50	20°27	5°57	25°27	20° 4	21°24	20°46	29°35	T 15
W16	3 39 42	23°18'00	11♂45	13°30	0♂48	21°20	10° 9	13°50	20°31	5°59	25°26	19°57	21°21	20°53	29°38	W16
T 17	3 43 39	24°18'09	25°40	14°50	2° 3	22° 4	10°11	13°49	20°34	6° 1	25°25	19°52	21°18	20°59	29°41	T 17
F 18	3 47 35	25°18'20	9♂42	16° 9	3°17	22°47	10°13	13°D49	20°37	6° 2	25°24	19°49	21°15	21° 6	29°44	F 18
S 19	3 51 32	26°18'32	23°49	17°27	4°32	23°31	10°14	13°49	20°41	6° 4	25°23	19°D49	21°12	21°13	29°48	S 19
S 20	3 55 29	27°18'46	7♂57	18°44	5°47	24°15	10°16	13°50	20°44	6° 6	25°22	19°50	21° 8	21°19	29°51	S 20
M21	3 59 25	28°19'01	22° 5	19°59	7° 2	25° 0	10°17	13°50	20°47	6° 8	25°21	19°R51	21° 5	21°26	29°54	M21
T 22	4 3 22	29°19'18	6♂12	21°12	8°16	25°44	10°18	13°50	20°50	6°10	25°20	19°51	21° 2	21°33	29°58	T 22
W23	4 7 18	0♂19'36	20°17	22°24	9°31	26°28	10°19	13°51	20°54	6°12	25°19	19°49	20°59	21°39	0♂ 1	W23
T 24	4 11 15	1°19'55	4♂18	23°33	10°46	27°12	10°20	13°51	20°57	6°14	25°18	19°45	20°56	21°46	0° 5	T 24
F 25	4 15 11	2°20'16	18°13	24°40	12° 1	27°57	10°21	13°52	21° 0	6°16	25°17	19°39	20°52	21°53	0° 9	F 25
S 26	4 19 8	3°20'38	1♂59	25°44	13°16	28°41	10°21	13°53	21° 3	6°18	25°16	19°31	20°49	21°59	0°12	S 26
S 27	4 23 4	4°21'01	15°34	26°45	14°31	29°25	10°R21	13°54	21° 6	6°20	25°15	19°23	20°46	22° 6	0°16	S 27
M28	4 27 1	5°21'26	28°55	27°43	15°46	0♂10	10°21	13°55	21° 9	6°22	25°14	19°16	20°43	22°13	0°20	M28
T 29	4 30 58	6°21'53	12♂ 0	28°36	17° 1	0°55	10°21	13°56	21°12	6°24	25°13	19° 9	20°40	22°19	0°24	T 29
W30	4 34 54	7♂22'21	24♂47	29♂26	18♂16	1♂39	10♂20	13♂57	21♂15	6♂26	25♂12	19♂ 4	20♂37	22♂26	0♂28	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	14s14	24n29	3n43	19s11	1s 3	3s21	1n35	22s41	0s44	18n 7	0n15	8s 6	2s 0	7s 4	0n38	22s 7
W 2	14 33	25 33	2 51	19 40	1 9	3 49	1 36	22 47	0 45	18 6	0 15	8 6	2 0	7 6	0 38	22 7
T 3	14 52	25 14	1 52	20 9	1 16	4 17	1 36	22 53	0 45	18 5	0 15	8 7	2 0	7 7	0 38	22 7
F 4	15 10	23 40	0 49	20 36	1 22	4 45	1 37	22 59	0 46	18 4	0 16	8 7	2 0	7 8	0 38	22 7
S 5	15 29	21 2	0s15	21 3	1 28	5 13	1 37	23 5	0 46	18 3	0 16	8 8	1 59	7 10	0 38	22 7
S 6	15 47	17 32	1 17	21 29	1 34	5 41	1 37	23 11	0 47	18 2	0 16	8 8	1 59	7 11	0 38	22 7
M 7	16 4	13 22	2 16	21 53	1 40	6 9	1 37	23 16	0 47	18 1	0 16	8 8	1 59	7 12	0 38	22 7
T 8	16 22	8 42	3 9	22 16	1 46	6 37	1 38	23 22	0 48	18 0	0 16	8 9	1 59	7 14	0 38	22 7
W 9	16 39	3 41	3 55	22 39	1 51	7 4	1 38	23 27	0 48	18 0	0 16	8 9	1 59	7 15	0 38	22 7
T 10	16 56	1s31	4 30	23 0	1 57	7 32	1 37	23 32	0 48	17 59	0 16	8 9	1 59	7 16	0 38	22 7
F 11	17 13	6 45	4 54	23 20	2 2	7 59	1 37	23 36	0 49	17 58	0 17	8 9	1 59	7 17	0 38	22 7
S 12	17 29	11 50	5 4	23 39	2 7	8 26	1 37	23 40	0 49	17 57	0 17	8 9	1 59	7 19	0 38	22 7
S 13	17 46	16 32	4 59	23 57	2 11	8 53	1 37	23 44	0 50	17 57	0 17	8 9	1 58	7 20	0 38	22 7
M14	18 1	20 33	4 38	24 13	2 16	9 20	1 36	23 48	0 50	17 56	0 17	8 9	1 58	7 21	0 38	22 7
T 15	18 17	23 33	4 1	24 29	2 20	9 47	1 36	23 52	0 51	17 56	0 17	8 9	1 58	7 23	0 38	22 7
W16	18 32	25 15	3 9	24 43	2 24	10 13	1 36	23 55	0 51	17 55	0 17	8 9	1 58	7 24	0 38	22 7
T 17	18 47	25 23	2 6	24 56	2 27	10 39	1 35	23 59	0 51	17 55	0 18	8 9	1 58	7 25	0 38	22 7
F 18	19 1	23 54	0 54	25 8	2 30	11 5	1 34	24 1	0 52	17 55	0 18	8 9	1 58	7 26	0 38	22 7
S 19	19 16	20 55	0n21	25 18	2 33	11 31	1 34	24 4	0 52	17 54	0 18	8 9	1 58	7 27	0 38	22 7
S 20	19 29	16 40	1 36	25 27	2 35	11 57	1 33	24 7	0 53	17 54	0 18	8 9	1 57	7 29	0 38	22 7
M21	19 43	11 30	2 45	25 35	2 37	12 22	1 32	24 9	0 53	17 54	0 18	8 9	1 57	7 30	0 38	22 7
T 22	19 56	5 44	3 43	25 42	2 38	12 47	1 31	24 11	0 53	17 54	0 19	8 8	1 57	7 31	0 38	22 6
W23	20 9	0n17	4 28	25 47	2 39	13 11	1 30	24 12	0 54	17 54	0 19	8 8	1 57	7 32	0 38	22 6
T 24	20 21	6 15	4 57	25 51	2 39	13 36	1 29	24 14	0 54	17 54	0 19	8 8	1 57	7 33	0 38	22 6
F 25	20 33	11 51	5 8	25 54	2 39	14 0	1 28	24 15	0 54	17 54	0 19	8 7	1 57	7 34	0 38	22 6
S 26	20 45	16 49	5 1	25 55	2 38	14 23	1 27	24 16	0 55	17 54	0 19	8 7	1 56	7 36	0 38	22 6
S 27	20 56	20 51	4 37	25 55	2 36	14 46	1 26	24 17	0 55	17 54	0 19	8 6	1 56	7 37	0 38	22 6
M28	21 7	23 43	3 58	25 54	2 34	15 9	1 24	24 17	0 56	17 54	0 20	8 6	1 56	7 38	0 38	22 6
T 29	21 18	25 14	3 7	25 51	2 30	15 32	1 23	24 17	0 56	17 54	0 20	8 5	1 56	7 39	0 38	22 6
W30	21s28	25n23	2n 8	25s47	2s26	15s54	1n22	24s17	0s56	17n55	0n20	8s 4	1s56	7s40	0n38	22s 6

Julian Day Number = 2686334.5, Delta T = 23m05s

Ecliptic obliquity = 23°21'24", Nutation = 0°00'14"

Ayanamsha: Fagan/Bradley = 33°43'56", Lahiri = 32°50'56"

## ASTRODIENST EPHEMERIS for the year 2642

DECEMBER 2642

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 38 51	8°22'51	7°51'18	0°30'10	19°18'31	2°32'24	10°R20	13°18'59	21°18'18	6°32'28	25°R11	19°R 2	20°33'33	22°18'33	0°32'32	T 1
F 2	4 42 47	9°23'22	19°34'34	0°48'20	20°46'46	3° 9'10	10°19'19	14° 0'0	21°20'20	6°30'30	25°II10	19°D 1	20°30'30	22°39'39	0°36'36	F 2
S 3	4 46 44	10°23'55	1°18'37	1°21'22	22° 1'22	3°53'53	10°18'18	14° 2'2	21°23'23	6°32'32	25° 9'9	19°3 2	20°27'27	22°46'46	0°40'40	S 3
S 4	4 50 40	11°24'30	13°31'31	1°46'23	23°16'16	4°38'38	10°17'17	14° 3'3	21°26'26	6°34'34	25° 8'8	19° 3'3	20°24'24	22°53'53	0°44'44	S 4
M 5	4 54 37	12°25'06	25°20'20	2° 3'24	24°31'31	5°23'23	10°15'15	14° 5'5	21°29'29	6°36'36	25° 6'6	19° 5'5	20°21'21	22°59'59	0°48'48	M 5
T 6	4 58 33	13°25'44	7°19'9	2°R12	25°46'46	6° 8'8	10°14'14	14° 7'7	21°32'32	6°38'38	25° 5'5	19° 6'6	20°18'18	23° 6'6	0°52'52	T 6
W 7	5 2 30	14°26'24	19° 4'4	2°11'27	27° 1'1	6°53'53	10°12'12	14° 9'9	21°34'34	6°40'40	25° 4'4	19°R 6	20°14'14	23°13'13	0°57'57	W 7
T 8	5 6 27	15°27'05	1°18'18	2° 0'28	28°17'17	7°38'38	10°10'10	14°11'11	21°37'37	6°42'42	25° 3'3	19° 5'5	20°11'11	23°19'19	1° 1'1	T 8
F 9	5 10 23	16°27'47	13°30'30	1°39'29	29°32'32	8°24'24	10° 8'8	14°13'13	21°39'39	6°44'44	25° 2'2	19° 2'2	20° 8'8	23°26'26	1° 5'5	F 9
S 10	5 14 20	17°28'31	26°10'10	1° 6'6	0°47'47	9° 9'9	10° 5'5	14°15'15	21°42'42	6°47'47	25° 1'1	18°58'58	20° 5'5	23°33'33	1°10'10	S 10
S 11	5 18 16	18°29'17	9°18'12	0°23'23	2° 2'2	9°54'54	10° 2'2	14°18'18	21°44'44	6°49'49	25° 0'0	18°53'53	20° 2'2	23°39'39	1°14'14	S 11
M12	5 22 13	19°30'04	22°36'36	29°29'29	3°17'17	10°39'39	10° 0'0	14°20'20	21°47'47	6°51'51	24°58'58	18°48'48	19°58'58	23°46'46	1°19'19	M12
T13	5 26 9	20°30'53	6°18'23	28°25'25	4°33'33	11°25'25	9°57'57	14°23'23	21°49'49	6°53'53	24°57'57	18°44'44	19°55'55	23°53'53	1°23'23	T13
W14	5 30 6	21°31'42	20°29'29	27°13'13	5°48'48	12°10'10	9°53'53	14°25'25	21°52'52	6°55'55	24°56'56	18°40'40	19°52'52	23°59'59	1°28'28	W14
T15	5 34 3	22°32'33	4°35'50	25°55'55	7° 3'3	12°56'56	9°50'50	14°28'28	21°54'54	6°58'58	24°55'55	18°38'38	19°49'49	24° 6'6	1°33'33	T15
F16	5 37 59	23°33'25	19°20'20	24°33'33	8°19'19	13°41'41	9°47'47	14°31'31	21°56'56	7° 0'0	24°54'54	18°D38'38	19°46'46	24°13'13	1°37'37	F16
S17	5 41 56	24°34'18	3°18'54	23°10'10	9°34'34	14°27'27	9°43'43	14°34'34	21°59'59	7° 2'2	24°53'53	18°38'38	19°43'43	24°19'19	1°42'42	S17
S18	5 45 52	25°35'11	18°26'26	21°49'49	10°49'49	15°13'13	9°39'39	14°37'37	22° 1'1	7° 4'4	24°52'52	18°39'39	19°39'39	24°26'26	1°47'47	S18
M19	5 49 49	26°36'06	2°18'51	20°32'32	12° 5'5	15°58'58	9°35'35	14°40'40	22° 3'3	7° 6'6	24°50'50	18°41'41	19°36'36	24°33'33	1°51'51	M19
T20	5 53 45	27°37'01	17° 7'7	19°22'22	13°20'20	16°44'44	9°30'30	14°43'43	22° 5'5	7° 9'9	24°49'49	18°42'42	19°33'33	24°39'39	1°56'56	T20
W21	5 57 42	28°37'56	1°19'10	18°21'21	14°35'35	17°30'30	9°26'26	14°46'46	22° 7'7	7°11'11	24°48'48	18°R42'42	19°30'30	24°46'46	2° 1'1	W21
T22	6 1 38	29°38'52	15° 0'0	17°30'30	15°51'51	18°16'16	9°21'21	14°50'50	22° 9'9	7°13'13	24°47'47	18°42'42	19°27'27	24°53'53	2° 6'6	T22
F23	6 5 35	0°39'49	28°37'37	16°50'50	17° 6'6	19° 2'2	9°16'16	14°53'53	22°11'11	7°15'15	24°46'46	18°40'40	19°24'24	24°59'59	2°11'11	F23
S24	6 9 32	1°40'46	12°18'18	16°21'21	18°21'21	19°47'47	9°11'11	14°57'57	22°13'13	7°18'18	24°45'45	18°38'38	19°20'20	25° 6'6	2°16'16	S24
S25	6 13 28	2°41'44	25° 9'9	16° 3'3	19°37'37	20°33'33	9° 6'6	15° 1'1	22°15'15	7°20'20	24°44'44	18°35'35	19°17'17	25°13'13	2°21'21	S25
M26	6 17 25	3°42'42	8°15'5	15°D56'56	20°52'52	21°19'19	9° 1'1	15° 4'4	22°17'17	7°22'22	24°42'42	18°33'33	19°14'14	25°19'19	2°26'26	M26
T27	6 21 21	4°43'41	20°47'47	15°59'59	22° 7'7	22° 5'5	8°56'56	15° 8'8	22°18'18	7°24'24	24°41'41	18°31'31	19°11'11	25°26'26	2°31'31	T27
W28	6 25 18	5°44'41	3°18'51	16°11'11	23°23'23	22°52'52	8°50'50	15°12'12	22°20'20	7°27'27	24°40'40	18°30'30	19° 8'8	25°33'33	2°36'36	W28
T29	6 29 14	6°45'42	15°35'35	16°32'32	24°38'38	23°38'38	8°44'44	15°16'16	22°22'22	7°29'29	24°39'39	18°D30'30	19° 4'4	25°39'39	2°41'41	T29
F30	6 33 11	7°46'43	27°42'42	17° 1'1	25°54'54	24°24'24	8°38'38	15°20'20	22°23'23	7°31'31	24°38'38	18°30'30	19° 1'1	25°46'46	2°46'46	F30
S31	6 37 7	8°47'44	9°18'41	17°17'37	27°19'9	25°31'31	8°18'32	15°18'24	22°25'25	7°34'34	24°37'37	18°33'33	18°35'58	25°15'53	2°52'52	S31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	21s38	24n13	1n 3	25s42	2s20	16s16	1n20	24s17	0s57	17n55	0n20	8s 4	1s56	7s41	0n38	22s 6
F 2	21 47	21 53	0s 3	25 35	2 14	16 37	1 19	24 16	0 57	17 55	0 20	8 3	1 56	7 42	0 38	22 6
S 3	21 56	18 37	1 8	25 27	2 6	16 58	1 17	24 15	0 57	17 56	0 20	8 2	1 55	7 43	0 38	22 6
S 4	22 4	14 38	2 10	25 18	1 58	17 19	1 15	24 14	0 58	17 56	0 21	8 2	1 55	7 44	0 38	22 6
M 5	22 12	10 7	3 5	25 8	1 48	17 39	1 14	24 13	0 58	17 57	0 21	8 1	1 55	7 45	0 38	22 6
T 6	22 20	5 15	3 53	24 56	1 36	17 58	1 12	24 11	0 58	17 57	0 21	8 0	1 55	7 46	0 39	22 5
W 7	22 27	0 9	4 31	24 43	1 23	18 17	1 10	24 9	0 58	17 58	0 21	7 59	1 55	7 47	0 39	22 5
T 8	22 34	5s 1	4 58	24 29	1 9	18 36	1 8	24 7	0 59	17 59	0 21	7 58	1 55	7 48	0 39	22 5
F 9	22 40	10 5	5 11	24 14	0 53	18 54	1 6	24 4	0 59	18 0	0 22	7 57	1 55	7 49	0 39	22 5
S 10	22 46	14 53	5 10	23 57	0 36	19 11	1 5	24 2	0 59	18 1	0 22	7 56	1 54	7 50	0 39	22 5
S 11	22 52	19 8	4 53	23 39	0 17	19 28	1 3	23 59	1 0	18 1	0 22	7 55	1 54	7 51	0 39	22 5
M12	22 57	22 33	4 20	23 19	0n 2	19 45	1 1	23 55	1 0	18 2	0 22	7 54	1 54	7 52	0 39	22 5
T13	23 1	24 46	3 31	22 59	0 22	20 1	0 59	23 52	1 0	18 3	0 22	7 53	1 54	7 53	0 39	22 5
W14	23 5	25 29	2 29	22 37	0 43	20 16	0 57	23 48	1 0	18 4	0 22	7 52	1 54	7 53	0 39	22 5
T15	23 9	24 31	1 15	22 15	1 3	20 31	0 54	23 44	1 1	18 5	0 23	7 51	1 54	7 54	0 39	22 5
F16	23 12	21 54	0n 4	21 53	1 22	20 45	0 52	23 40	1 1	18 6	0 23	7 49	1 54	7 55	0 39	22 5
S17	23 15	17 52	1 23	21 31	1 40	20 59	0 50	23 35	1 1	18 8	0 23	7 48	1 53	7 56	0 39	22 4
S18	23 17	12 46	2 37	21 9	1 57	21 12	0 48	23 31	1 1	18 9	0 23	7 47	1 53	7 57	0 39	22 4
M19	23 19	6 59	3 40	20 50	2 12	21 24	0 46	23 25	1 2	18 10	0 23	7 46	1 53	7 57	0 39	22 4
T20	23 20	0 56	4 29	20 32	2 24	21 36	0 44	23 20	1 2	18 11	0 24	7 44	1 53	7 58	0 39	22 4
W21	23 21	5n 4	5 1	20 17	2 34	21 47	0 41	23 14	1 2	18 13	0 24	7 43	1 53	7 59	0 39	22 4
T22	23 21	10 44	5 15	20 5	2 42	21 58	0 39	23 9	1 2	18 14	0 24	7 41	1 53	8 0	0 39	22 4
F23	23 21	15 47	5 11	19 55	2 48	22 8	0 37	23 3	1 2	18 16	0 24	7 40	1 53	8 0	0 39	22 4
S24	23 21	19 59	4 50	19 49	2 51	22 17	0 34	22 56	1 3	18 17	0 24	7 38	1 52	8 1	0 39	22 4
S25	23 20	23 6	4 14	19 46	2 53	22 25	0 32	22 50	1 3	18 19	0 24	7 37	1 52	8 2	0 39	22 4
M26	23 18	24 58	3 25	19 46	2 52	22 33	0 30	22 43	1 3	18 20	0 25	7 35	1 52	8 2	0 39	22 3
T27	23 16	25 29	2 28	19 48	2 51	22 40	0 27	22 35	1 3	18 22	0 25	7 34	1 52	8 3	0 39	22 3
W28	23 14	24 42	1 23	19 52	2 47	22 47	0 25	22 28	1 3	18 23	0 25	7 32	1 52	8 4	0 39	22 3
T29	23 11	22 43	0 16	19 58	2 43	22 53	0 22	22 20	1 4	18 25	0 25	7 30	1 52	8 4	0 39	22 3
F30	23 8	19 43	0s1	20 6	2 38	22 58	0 20	22 13	1 4	18 27	0 25	7 29	1 52	8 5	0 39	22 3
S31	23s 4	15n55	1s55	20s15	2n32	23s 2	0n17	22s 4	1s 4	18n29	0n25	7s27	1s52	8s 5	0n39	22s 3

Julian Day Number = 2686364.5, Delta T = 23m05s

Ecliptic obliquity = 23°21'24", Nutation = 0°00'15"

Ayanamsha: Fagan/Bradley = 33°44'00", Lahiri = 32°51'00"

## ASTRODIENST EPHEMERIS for the year 2643

JANUARY 2643

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 41 4	9°38'47"	21°02'33"	18°19'19"	28°19'24"	25°35'56"	8°R26	15°H29	22°26'26"	7°33'36"	24°R36	18°33'31"	18°33'55"	25°02'59"	2°55'57"	S 1
M 2	6 45 1	10°49'50"	3°17'22"	19° 7'	29°40'	26°43'	8°02'20"	15°33'	22°28'	7°38'	24°H35	18°32'	18°52'	26° 6'	3° 2'	M 2
T 3	6 48 57	11°50'53"	15°12'	19°59'	0°35'55"	27°29'	8°13'	15°37'	22°29'	7°40'	24°33'	18°33'	18°49'	26°13'	3° 7'	T 3
W 4	6 52 54	12°51'57"	27° 6'	20°56'	2°11'	28°16'	8° 7'	15°42'	22°30'	7°43'	24°32'	18°33'	18°45'	26°20'	3°12'	W 4
T 5	6 56 50	13°53'02"	9°15' 9"	21°57'	3°26'	29° 2'	8° 0'	15°47'	22°32'	7°45'	24°31'	18°R34	18°42'	26°26'	3°18'	T 5
F 6	7 0 47	14°54'08"	21°26'	23° 1'	4°42'	29°48'	7°53'	15°51'	22°33'	7°47'	24°30'	18°34'	18°39'	26°33'	3°23'	F 6
S 7	7 4 43	15°55'14"	4°18' 2"	24° 8'	5°57'	0°35'55"	7°46'	15°56'	22°34'	7°49'	24°29'	18°34'	18°36'	26°40'	3°28'	S 7
S 8	7 8 40	16°56'21"	16°59'	25°17'	7°12'	1°22'	7°39'	16° 1'	22°35'	7°52'	24°28'	18°33'	18°33'	26°46'	3°34'	S 8
M 9	7 12 36	17°57'29"	0°17'22"	26°29'	8°28'	2° 8'	7°32'	16° 6'	22°36'	7°54'	24°27'	18°33'	18°30'	26°53'	3°39'	M 9
T 10	7 16 33	18°58'37"	14°11'	27°43'	9°43'	2°55'	7°24'	16°11'	22°37'	7°56'	24°26'	18°D33	18°26'	27° 0'	3°44'	T 10
W 11	7 20 30	19°59'45"	28°25'	28°59'	10°59'	3°42'	7°17'	16°16'	22°38'	7°58'	24°25'	18°33'	18°23'	27° 6'	3°50'	W 11
T 12	7 24 26	21° 0'54"	13°31' 1"	0°31'17"	12°14'	4°28'	7°10'	16°21'	22°39'	8° 1'	24°24'	18°R33	18°20'	27°13'	3°55'	T 12
F 13	7 28 23	22° 2'02"	27°53'	1°36'	13°30'	5°15'	7° 2'	16°26'	22°40'	8° 3'	24°23'	18°33'	18°17'	27°20'	4° 1'	F 13
S 14	7 32 19	23° 3'11"	12°55'53"	2°56'	14°45'	6° 2'	6°54'	16°31'	22°41'	8° 5'	24°22'	18°33'	18°14'	27°26'	4° 6'	S 14
S 15	7 36 16	24° 4'20"	27°52'	4°17'	16° 1'	6°49'	6°47'	16°37'	22°42'	8° 7'	24°21'	18°33'	18°10'	27°33'	4°11'	S 15
M 16	7 40 12	25° 5'28"	12°H43'	5°40'	17°16'	7°35'	6°39'	16°42'	22°42'	8° 9'	24°20'	18°32'	18° 7'	27°40'	4°17'	M 16
T 17	7 44 9	26° 6'36"	17°38'	7° 3'	18°32'	8°22'	6°31'	16°47'	22°43'	8°12'	24°19'	18°31'	18° 4'	27°46'	4°22'	T 17
W 18	7 48 6	27° 7'44"	11°V33'	8°27'	19°47'	9° 9'	6°23'	16°53'	22°43'	8°14'	24°18'	18°30'	18° 1'	27°53'	4°28'	W 18
T 19	7 52 2	28° 8'51"	25°27'	9°52'	21° 3'	9°56'	6°15'	16°58'	22°44'	8°16'	24°17'	18°D30	17°58'	28° 0'	4°33'	T 19
F 20	7 55 59	29° 9'58"	8°B58'	11°18'	22°18'	10°43'	6° 8'	17° 4'	22°44'	8°18'	24°16'	18°30'	17°55'	28° 6'	4°39'	F 20
S 21	7 59 55	0°51'11'04"	22° 9'	12°45'	23°34'	11°30'	6° 0'	17°10'	22°45'	8°20'	24°15'	18°31'	17°51'	28°13'	4°44'	S 21
S 22	8 3 52	1°12'10"	5°H 1'	14°12'	24°49'	12°17'	5°52'	17°16'	22°45'	8°22'	24°14'	18°32'	17°48'	28°20'	4°50'	S 22
M 23	8 7 48	2°13'15"	17°38'	15°40'	26° 4'	13° 4'	5°43'	17°21'	22°45'	8°24'	24°14'	18°33'	17°45'	28°26'	4°55'	M 23
T 24	8 11 45	3°14'20"	0°B 1'	17° 9'	27°20'	13°51'	5°35'	17°27'	22°46'	8°27'	24°13'	18°34'	17°42'	28°33'	5° 1'	T 24
W 25	8 15 41	4°15'25"	12°14'	18°38'	28°35'	14°38'	5°27'	17°33'	22°46'	8°29'	24°12'	18°35'	17°39'	28°40'	5° 6'	W 25
T 26	8 19 38	5°16'29"	24°19'	20° 7'	29°51'	15°25'	5°19'	17°39'	22°46'	8°31'	24°11'	18°R35	17°36'	28°46'	5°12'	T 26
F 27	8 23 35	6°17'32"	6°02'17"	21°38'	1°56' 6"	16°13'	5°11'	17°45'	22°R46	8°33'	24°10'	18°34'	17°32'	28°53'	5°17'	F 27
S 28	8 27 31	7°18'35"	18°10'	23° 9'	2°22'	17° 0'	5° 3'	17°51'	22°46'	8°35'	24° 9'	18°32'	17°29'	29° 0'	5°23'	S 28
S 29	8 31 28	8°19'38"	0°H 0'	24°40'	3°37'	17°47'	4°55'	17°58'	22°46'	8°37'	24° 9'	18°30'	17°26'	29° 6'	5°28'	S 29
M 30	8 35 24	9°20'40"	11°50'	26°12'	4°52'	18°34'	4°47'	18° 4'	22°46'	8°39'	24° 8'	18°26'	17°23'	29°13'	5°33'	M 30
T 31	8 39 21	10°22'14"	23°H42'	27°B45'	6°58' 8"	19°22'11"	4°02'39"	18°H10'	22°46'	8°41'	24°H 7'	18°B22'	17°B20'	29°02'20"	5°53'39"	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	23s 0'	11n32'	2s53'	20s26'	2n26'	23s 6'	0n15'	21s56'	1s 4'	18n30'	0n26'	7s25'	1s51'	8s 6'	0n39'	S 1
M 2	22 55'	6 45'	3 44'	20 37'	2 19'	23 9'	0 12'	21 47'	1 4'	18 32'	0 26'	7 23'	1 51'	8 6'	0 39'	M 2
T 3	22 50'	1 44'	4 26'	20 48'	2 11'	23 11'	0 10'	21 39'	1 4'	18 34'	0 26'	7 22'	1 51'	8 7'	0 39'	T 3
W 4	22 44'	3s23'	4 56'	21 0'	2 3'	23 13'	0 8'	21 29'	1 4'	18 36'	0 26'	7 20'	1 51'	8 7'	0 39'	W 4
T 5	22 38'	8 25'	5 13'	21 12'	1 55'	23 14'	0 5'	21 20'	1 5'	18 38'	0 26'	7 18'	1 51'	8 8'	0 39'	T 5
F 6	22 32'	13 14'	5 17'	21 24'	1 47'	23 14'	0 3'	21 10'	1 5'	18 40'	0 26'	7 16'	1 51'	8 8'	0 39'	F 6
S 7	22 25'	17 37'	5 6'	21 35'	1 38'	23 13'	0 0'	21 1'	1 5'	18 42'	0 27'	7 14'	1 51'	8 9'	0 39'	S 7
S 8	22 17'	21 19'	4 40'	21 47'	1 30'	23 12'	0s 2'	20 51'	1 5'	18 44'	0 27'	7 12'	1 51'	8 9'	0 39'	S 8
M 9	22 9'	24 1'	3 57'	21 57'	1 21'	23 10'	0 5'	20 40'	1 5'	18 46'	0 27'	7 10'	1 51'	8 9'	0 39'	M 9
T 10	22 1 25'	24 3'	3 0'	22 8'	1 13'	23 7'	0 7'	20 30'	1 5'	18 48'	0 27'	7 8'	1 50'	8 10'	0 39'	T 10
W 11	21 52 25'	10 25'	1 50'	22 17'	1 4'	23 4'	0 10'	20 19'	1 5'	18 50'	0 27'	7 6'	1 50'	8 10'	0 40'	W 11
T 12	21 43 23'	14 0'	0 31'	22 26'	0 56'	23 0'	0 12'	20 8'	1 5'	18 52'	0 27'	7 4'	1 50'	8 10'	0 40'	T 12
F 13	21 34 19'	40 0'	0n52'	22 34'	0 47'	22 55'	0 14'	19 57'	1 5'	18 54'	0 28'	7 2'	1 50'	8 11'	0 40'	F 13
S 14	21 24 14'	47 2'	2 11'	22 41'	0 39'	22 49'	0 17'	19 45'	1 5'	18 56'	0 28'	7 0'	1 50'	8 11'	0 40'	S 14
S 15	21 13 9'	1 3'	3 22'	22 47'	0 30'	22 43'	0 19'	19 34'	1 5'	18 58'	0 28'	6 57'	1 50'	8 11'	0 40'	S 15
M 16	21 2 2 48'	4 18'	22 52'	0 22'	22 36'	0 22'	19 22'	1 5'	19 0'	0 28'	6 55'	1 50'	8 11'	0 40'	22 1'	M 16
T 17	20 51 3n28'	4 56'	22 56'	0 14'	22 28'	0 24'	19 10'	1 5'	19 2'	0 28'	6 53'	1 50'	8 11'	0 40'	22 1'	T 17
W 18	20 40 9 23'	5 15'	22 59'	0 6'	22 20'	0 26'	18 57'	1 6'	19 4'	0 28'	6 51'	1 50'	8 12'	0 40'	22 1'	W 18
T 19	20 28 14 42'	5 15'	23 1'	0s 2'	22 11'	0 28'	18 45'	1 6'	19 6'	0 28'	6 49'	1 50'	8 12'	0 40'	22 0'	T 19
F 20	20 15 19 8'	4 57'	23 2'	0 9'	22 1'	0 31'	18 32'	1 6'	19 8'	0 29'	6 46'	1 50'	8 12'	0 40'	22 0'	F 20
S 21	20 2 22 30'	4 24'	23 2'	0 17'	21 51'	0 33'	18 19'	1 6'	19 10'	0 29'	6 44'	1 49'	8 12'	0 40'	22 0'	S 21
S 22	19 49 24 39'	3 39'	23 0'	0 24'	21 40'	0 35'	18 6'	1 6'	19 13'	0 29'	6 42'	1 49'	8 12'	0 40'	22 0'	S 22
M 23	19 36 25 30'	2 43'	22 58'	0 31'	21 28'	0 37'	17 53'	1 6'	19 15'	0 29'	6 39'	1 49'	8 12'	0 40'	22 0'	M 23
T 24	19 22 25 2'	1 41'	22 54'	0 38'	21 16'	0 39'	17 40'	1 6'	19 17'	0 29'	6 37'	1 49'	8 12'	0 40'	22 0'	T 24
W 25	19 8 23 23'	0 35'	22 49'	0 45'	21 3'	0 42'	17 26'	1 6'	19 19'	0 29'	6 35'	1 49'	8 12'	0 40'	22 0'	W 25
T 26	18 53 20 40'	0s32'	22 42'	0 52'	20 49'	0 44'	17 12'	1 6'	19 21'	0 29'	6 32'	1 49'	8 12'	0 40'	21 59'	T 26
F 27	18 38 17 5'	1 36'	22 35'	0 58'	20 35'	0 46'	16 58'	1 6'	19 23'	0 30'	6 30'	1 49'	8 12'	0 40'	21 59'	F 27
S 28	18 23 12 51'	2 36'	22 26'	1 4'	20 20'	0 48'	16 44'	1 6'	19 25'	0 30'	6 27'	1 49'	8 12'	0 40'	21 59'	S 28
S 29	18 7 8 10'	3 29'	22 16'	1 10'	20 5'	0 50'	16 29'	1 5'	19 27'	0 30'	6 25'	1 49'	8 12'	0 40'	21 59'	S 29
M 30	17 51 3 12'	4 13'	22 4'	1 15'	19 49'	0 52'	16 15'	1 5'	19 29'	0 30'	6 22'	1 49'	8 12'	0 40'	21 59'	M 30
T 31	17s35'	1s53'	4s46'	21s52'	1s21'	19s32'	0s54'	16s 0'	1s 5'	19n31'	0n30'	6s20'	1s49'	8s12'	0n40'	T 31

Julian Day Number = 2686395.5, Delta T = 23m06s

Ecliptic obliquity = 23°21'23", Nutation = 0°00'17"

Ayanamsha: Fagan/Bradley = 33°44'05", Lahiri = 32°51'05"

## ASTRODIENST EPHEMERIS for the year 2643

FEBRUARY 2643

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 43 17	11 <sup>h</sup> 22'43"	5 <sup>h</sup> 37'	29 <sup>h</sup> 18'	7 <sup>h</sup> 23'	20 <sup>h</sup> 9'	4 <sup>h</sup> 31'	18 <sup>h</sup> 16'	22 <sup>h</sup> 45'	8 <sup>h</sup> 43'	24 <sup>h</sup> 6'	18 <sup>h</sup> 19'	17 <sup>h</sup> 16'	29 <sup>h</sup> 26'	5 <sup>h</sup> 44'	W 1
T 2	8 47 14	12 <sup>h</sup> 23'43"	17 <sup>h</sup> 41'	0 <sup>h</sup> 55'	8 <sup>h</sup> 39'	20 <sup>h</sup> 56'	4 <sup>h</sup> 23'	18 <sup>h</sup> 23'	22 <sup>h</sup> 45'	8 <sup>h</sup> 45'	24 <sup>h</sup> 6'	18 <sup>h</sup> 16'	17 <sup>h</sup> 13'	29 <sup>h</sup> 33'	5 <sup>h</sup> 50'	T 2
F 3	8 51 10	13 <sup>h</sup> 24'44"	29 <sup>h</sup> 56'	2 <sup>h</sup> 26'	9 <sup>h</sup> 54'	21 <sup>h</sup> 43'	4 <sup>h</sup> 15'	18 <sup>h</sup> 29'	22 <sup>h</sup> 45'	8 <sup>h</sup> 47'	24 <sup>h</sup> 5'	18 <sup>h</sup> 14'	17 <sup>h</sup> 10'	29 <sup>h</sup> 40'	5 <sup>h</sup> 55'	F 3
S 4	8 55 7	14 <sup>h</sup> 25'44"	12 <sup>h</sup> 26'	4 <sup>h</sup> 1'	11 <sup>h</sup> 10'	22 <sup>h</sup> 30'	4 <sup>h</sup> 7'	18 <sup>h</sup> 36'	22 <sup>h</sup> 44'	8 <sup>h</sup> 49'	24 <sup>h</sup> 4'	18 <sup>h</sup> 13'	17 <sup>h</sup> 7'	29 <sup>h</sup> 47'	6 <sup>h</sup> 1'	S 4
S 5	8 59 4	15 <sup>h</sup> 26'43"	25 <sup>h</sup> 16'	5 <sup>h</sup> 36'	12 <sup>h</sup> 25'	23 <sup>h</sup> 18'	4 <sup>h</sup> 0'	18 <sup>h</sup> 42'	22 <sup>h</sup> 44'	8 <sup>h</sup> 51'	24 <sup>h</sup> 3'	18 <sup>h</sup> 13'	17 <sup>h</sup> 4'	29 <sup>h</sup> 53'	6 <sup>h</sup> 6'	S 5
M 6	9 3 0	16 <sup>h</sup> 27'43"	8 <sup>h</sup> 30'	7 <sup>h</sup> 12'	13 <sup>h</sup> 40'	24 <sup>h</sup> 5'	3 <sup>h</sup> 52'	18 <sup>h</sup> 49'	22 <sup>h</sup> 43'	8 <sup>h</sup> 53'	24 <sup>h</sup> 3'	18 <sup>h</sup> 14'	17 <sup>h</sup> 1'	29 <sup>h</sup> 59'	6 <sup>h</sup> 12'	M 6
T 7	9 6 57	17 <sup>h</sup> 28'41"	22 <sup>h</sup> 9'	8 <sup>h</sup> 49'	14 <sup>h</sup> 56'	24 <sup>h</sup> 52'	3 <sup>h</sup> 44'	18 <sup>h</sup> 55'	22 <sup>h</sup> 43'	8 <sup>h</sup> 55'	24 <sup>h</sup> 2'	18 <sup>h</sup> 16'	16 <sup>h</sup> 57'	0 <sup>h</sup> 7'	6 <sup>h</sup> 17'	T 7
W 8	9 10 53	18 <sup>h</sup> 29'39"	6 <sup>h</sup> 17'	10 <sup>h</sup> 26'	16 <sup>h</sup> 11'	25 <sup>h</sup> 40'	3 <sup>h</sup> 37'	19 <sup>h</sup> 2'	22 <sup>h</sup> 42'	8 <sup>h</sup> 56'	24 <sup>h</sup> 2'	18 <sup>h</sup> 17'	16 <sup>h</sup> 54'	0 <sup>h</sup> 13'	6 <sup>h</sup> 22'	W 8
T 9	9 14 50	19 <sup>h</sup> 30'37"	20 <sup>h</sup> 50'	12 <sup>h</sup> 4'	17 <sup>h</sup> 27'	26 <sup>h</sup> 27'	3 <sup>h</sup> 29'	19 <sup>h</sup> 8'	22 <sup>h</sup> 41'	8 <sup>h</sup> 58'	24 <sup>h</sup> 1'	18 <sup>h</sup> 18'	16 <sup>h</sup> 51'	0 <sup>h</sup> 20'	6 <sup>h</sup> 28'	T 9
F 10	9 18 46	20 <sup>h</sup> 31'33"	5 <sup>h</sup> 47'	13 <sup>h</sup> 43'	18 <sup>h</sup> 42'	27 <sup>h</sup> 15'	3 <sup>h</sup> 22'	19 <sup>h</sup> 15'	22 <sup>h</sup> 41'	9 <sup>h</sup> 0'	24 <sup>h</sup> 0'	18 <sup>h</sup> 17'	16 <sup>h</sup> 48'	0 <sup>h</sup> 27'	6 <sup>h</sup> 33'	F 10
S 11	9 22 43	21 <sup>h</sup> 32'29"	20 <sup>h</sup> 58'	15 <sup>h</sup> 22'	19 <sup>h</sup> 57'	28 <sup>h</sup> 2'	3 <sup>h</sup> 14'	19 <sup>h</sup> 22'	22 <sup>h</sup> 40'	9 <sup>h</sup> 2'	24 <sup>h</sup> 0'	18 <sup>h</sup> 14'	16 <sup>h</sup> 45'	0 <sup>h</sup> 33'	6 <sup>h</sup> 38'	S 11
S 12	9 26 39	22 <sup>h</sup> 33'24"	6 <sup>h</sup> 14'	17 <sup>h</sup> 2'	21 <sup>h</sup> 13'	28 <sup>h</sup> 49'	3 <sup>h</sup> 7'	19 <sup>h</sup> 29'	22 <sup>h</sup> 39'	9 <sup>h</sup> 4'	23 <sup>h</sup> 59'	18 <sup>h</sup> 10'	16 <sup>h</sup> 42'	0 <sup>h</sup> 40'	6 <sup>h</sup> 44'	S 12
M13	9 30 36	23 <sup>h</sup> 34'18"	21 <sup>h</sup> 26'	18 <sup>h</sup> 43'	22 <sup>h</sup> 28'	29 <sup>h</sup> 37'	3 <sup>h</sup> 0'	19 <sup>h</sup> 35'	22 <sup>h</sup> 38'	9 <sup>h</sup> 5'	23 <sup>h</sup> 59'	18 <sup>h</sup> 4'	16 <sup>h</sup> 38'	0 <sup>h</sup> 47'	6 <sup>h</sup> 49'	M13
T 14	9 34 33	24 <sup>h</sup> 35'10"	6 <sup>h</sup> 22'	20 <sup>h</sup> 25'	23 <sup>h</sup> 43'	0 <sup>h</sup> 24'	2 <sup>h</sup> 53'	19 <sup>h</sup> 42'	22 <sup>h</sup> 37'	9 <sup>h</sup> 7'	23 <sup>h</sup> 58'	17 <sup>h</sup> 59'	16 <sup>h</sup> 35'	0 <sup>h</sup> 53'	6 <sup>h</sup> 54'	T 14
W15	9 38 29	25 <sup>h</sup> 36'01"	20 <sup>h</sup> 55'	22 <sup>h</sup> 7'	24 <sup>h</sup> 59'	1 <sup>h</sup> 12'	2 <sup>h</sup> 46'	19 <sup>h</sup> 49'	22 <sup>h</sup> 36'	9 <sup>h</sup> 9'	23 <sup>h</sup> 58'	17 <sup>h</sup> 54'	16 <sup>h</sup> 32'	1 <sup>h</sup> 0'	7 <sup>h</sup> 0'	W15
T 16	9 42 26	26 <sup>h</sup> 36'51"	5 <sup>h</sup> 2'	23 <sup>h</sup> 50'	26 <sup>h</sup> 14'	1 <sup>h</sup> 59'	2 <sup>h</sup> 39'	19 <sup>h</sup> 56'	22 <sup>h</sup> 35'	9 <sup>h</sup> 10'	23 <sup>h</sup> 57'	17 <sup>h</sup> 50'	16 <sup>h</sup> 29'	1 <sup>h</sup> 7'	7 <sup>h</sup> 5'	T 16
F 17	9 46 22	27 <sup>h</sup> 37'39"	18 <sup>h</sup> 40'	25 <sup>h</sup> 34'	27 <sup>h</sup> 29'	2 <sup>h</sup> 47'	2 <sup>h</sup> 32'	20 <sup>h</sup> 3'	22 <sup>h</sup> 34'	9 <sup>h</sup> 12'	23 <sup>h</sup> 57'	17 <sup>h</sup> 48'	16 <sup>h</sup> 26'	1 <sup>h</sup> 13'	7 <sup>h</sup> 10'	F 17
S 18	9 50 19	28 <sup>h</sup> 38'26"	1 <sup>h</sup> 51'	27 <sup>h</sup> 18'	28 <sup>h</sup> 45'	3 <sup>h</sup> 34'	2 <sup>h</sup> 26'	20 <sup>h</sup> 10'	22 <sup>h</sup> 33'	9 <sup>h</sup> 14'	23 <sup>h</sup> 56'	17 <sup>h</sup> 48'	16 <sup>h</sup> 22'	1 <sup>h</sup> 20'	7 <sup>h</sup> 15'	S 18
S 19	9 54 15	29 <sup>h</sup> 39'12"	14 <sup>h</sup> 38'	29 <sup>h</sup> 3'	0 <sup>h</sup> 0'	4 <sup>h</sup> 21'	2 <sup>h</sup> 19'	20 <sup>h</sup> 17'	22 <sup>h</sup> 32'	9 <sup>h</sup> 15'	23 <sup>h</sup> 56'	17 <sup>h</sup> 49'	16 <sup>h</sup> 19'	1 <sup>h</sup> 27'	7 <sup>h</sup> 20'	S 19
M20	9 58 12	0 <sup>h</sup> 39'56"	27 <sup>h</sup> 6'	0 <sup>h</sup> 49'	1 <sup>h</sup> 15'	5 <sup>h</sup> 9'	2 <sup>h</sup> 13'	20 <sup>h</sup> 24'	22 <sup>h</sup> 31'	9 <sup>h</sup> 17'	23 <sup>h</sup> 56'	17 <sup>h</sup> 50'	16 <sup>h</sup> 16'	1 <sup>h</sup> 33'	7 <sup>h</sup> 26'	M20
T 21	10 2 8	1 <sup>h</sup> 40'39"	9 <sup>h</sup> 19'	2 <sup>h</sup> 36'	2 <sup>h</sup> 31'	5 <sup>h</sup> 56'	2 <sup>h</sup> 7'	20 <sup>h</sup> 31'	22 <sup>h</sup> 29'	9 <sup>h</sup> 19'	23 <sup>h</sup> 55'	17 <sup>h</sup> 52'	16 <sup>h</sup> 13'	1 <sup>h</sup> 40'	7 <sup>h</sup> 31'	T 21
W22	10 6 5	2 <sup>h</sup> 41'20"	21 <sup>h</sup> 21'	4 <sup>h</sup> 24'	3 <sup>h</sup> 46'	6 <sup>h</sup> 44'	2 <sup>h</sup> 1'	20 <sup>h</sup> 38'	22 <sup>h</sup> 28'	9 <sup>h</sup> 20'	23 <sup>h</sup> 55'	17 <sup>h</sup> 52'	16 <sup>h</sup> 10'	1 <sup>h</sup> 47'	7 <sup>h</sup> 36'	W22
T 23	10 10 2	3 <sup>h</sup> 41'59"	3 <sup>h</sup> 16'	6 <sup>h</sup> 12'	5 <sup>h</sup> 1'	7 <sup>h</sup> 31'	1 <sup>h</sup> 55'	20 <sup>h</sup> 45'	22 <sup>h</sup> 27'	9 <sup>h</sup> 22'	23 <sup>h</sup> 55'	17 <sup>h</sup> 50'	16 <sup>h</sup> 7'	1 <sup>h</sup> 53'	7 <sup>h</sup> 41'	T 23
F 24	10 13 58	4 <sup>h</sup> 42'37"	15 <sup>h</sup> 7'	8 <sup>h</sup> 1'	6 <sup>h</sup> 16'	8 <sup>h</sup> 19'	1 <sup>h</sup> 49'	20 <sup>h</sup> 52'	22 <sup>h</sup> 25'	9 <sup>h</sup> 23'	23 <sup>h</sup> 54'	17 <sup>h</sup> 47'	16 <sup>h</sup> 3'	2 <sup>h</sup> 0'	7 <sup>h</sup> 46'	F 24
S 25	10 17 55	5 <sup>h</sup> 43'14"	26 <sup>h</sup> 56'	9 <sup>h</sup> 50'	7 <sup>h</sup> 31'	9 <sup>h</sup> 6'	1 <sup>h</sup> 44'	20 <sup>h</sup> 59'	22 <sup>h</sup> 24'	9 <sup>h</sup> 25'	23 <sup>h</sup> 54'	17 <sup>h</sup> 41'	16 <sup>h</sup> 0'	2 <sup>h</sup> 7'	7 <sup>h</sup> 51'	S 25
S 26	10 21 51	6 <sup>h</sup> 43'49"	8 <sup>h</sup> 46'	11 <sup>h</sup> 40'	8 <sup>h</sup> 47'	9 <sup>h</sup> 54'	1 <sup>h</sup> 38'	21 <sup>h</sup> 7'	22 <sup>h</sup> 22'	9 <sup>h</sup> 26'	23 <sup>h</sup> 54'	17 <sup>h</sup> 33'	15 <sup>h</sup> 57'	2 <sup>h</sup> 14'	7 <sup>h</sup> 56'	S 26
M27	10 25 48	7 <sup>h</sup> 44'22"	20 <sup>h</sup> 39'	13 <sup>h</sup> 31'	10 <sup>h</sup> 2'	10 <sup>h</sup> 41'	1 <sup>h</sup> 33'	21 <sup>h</sup> 14'	22 <sup>h</sup> 21'	9 <sup>h</sup> 27'	23 <sup>h</sup> 54'	17 <sup>h</sup> 23'	15 <sup>h</sup> 54'	2 <sup>h</sup> 20'	8 <sup>h</sup> 1'	M27
T 28	10 29 44	8 <sup>h</sup> 44'55"	2 <sup>h</sup> 36'	15 <sup>h</sup> 22'	11 <sup>h</sup> 17'	11 <sup>h</sup> 29'	1 <sup>h</sup> 28'	21 <sup>h</sup> 21'	22 <sup>h</sup> 19'	9 <sup>h</sup> 29'	23 <sup>h</sup> 53'	17 <sup>h</sup> 13'	15 <sup>h</sup> 51'	2 <sup>h</sup> 27'	8 <sup>h</sup> 6'	T 28

Day	☉	☾	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	17s18	6s55	5s 7	21s38	1s26	19s15	0s55	15s45	1s 5	19n33	0n30	6s17	1s49	8s12	0n40	21s59	1n 6	13n20
T 2	17 1 11 45	5 14 21 22	1 31 18 57	0 57 15 30	1 5 19 35	0 30 6 15	1 49 8 12	0 40 21 58	1 6 13 20	9 54 22	7 22 15	8 20 12 34	6 23 12 19					
F 3	16 44 16 12	5 8 21 6	1 35 18 39	0 59 15 15	1 5 19 37	0 30 6 12	1 49 8 12	0 40 21 58	1 6 13 20	9 54 22	7 22 16	8 17 12 32	6 23 12 19					
S 4	16 27 20 4	4 47 20 48	1 40 18 20	1 1 14 59	1 5 19 39	0 30 6 10	1 48 8 11	0 40 21 58	1 6 13 20	9 54 22	7 22 16	8 14 12 31	6 23 12 19					
S 5	16 9 23 5	4 11 20 29	1 44 18 1	1 2 14 44	1 5 19 41	0 31 6 7	1 48 8 11	0 40 21 58	1 6 13 20	9 54 22	7 22 16	8 11 12 30	6 23 12 19					
M 6	15 51 24 57	3 21 20 8	1 47 17 41	1 4 14 28	1 5 19 43	0 31 6 5	1 48 8 11	0 40 21 58	1 6 13 21	9 53 22	7 22 17	8 8 12 28	6 23 12 19					
T 7	15 33 25 26	2 19 19 46	1 51 17 21	1 6 14 12	1 5 19 45	0 31 6 2	1 48 8 11	0 40 21 58	1 6 13 21	9 53 22	7 22 17	8 6 12 27	6 23 12 19					
W 8	15 14 24 18	1 5 19 23	1 54 17 0	1 7 13 56	1 5 19 47	0 31 5 59	1 48 8 11	0 40 21 58	1 6 13 21	9 53 22	7 22 18	8 3 12 26	6 23 12 19					
T 9	14 55 21 31	0n14 18 59	1 57 16 39	1 9 13 40	1 5 19 49	0 31 5 57	1 48 8 10	0 40 21 58	1 6 13 21	9 53 22	7 22 18	8 0 12 24	6 23 12 19					
F 10	14 36 17 14	1 34 18 33	1 59 16 17	1 10 13 24	1 4 19 50	0 31 5 54	1 48 8 10	0 40 21 57	1 6 13 21	9 53 22	7 22 18	7 57 12 23	6 23 12 19					
S 11	14 16 11 47	2 49 18 6	2 1 15 54	1 11 13 7	1 4 19 52	0 31 5 51	1 48 8 10	0 40 21 57	1 6 13 21	9 52 22	7 22 19	7 54 12 21	6 23 12 19					
S 12	13 57 5 35	3 52 17 38	2 3 15 32	1 13 12 51	1 4 19 54	0 31 5 49	1 48 8 9	0 41 21 57	1 6 13 22	9 52 22	8 22 19	7 51 12 20	6 23 12 19					
M13	13 37 0n53	4 38 17 8	2 4 15 9	1 14 12 34	1 4 19 56	0 31 5 46	1 48 8 9	0 41 21 57	1 6 13 22	9 52 22	8 22 19	7 48 12 19	6 23 12 19					
T 14	13 17 7 11	5 5 16 37	2 5 14 45	1 15 12 17	1 4 19 57	0 31 5 43	1 48 8 9	0 41 21 57	1 6 13 22	9 52 22	9 22 20	7 45 12 17	6 24 12 16					
W15	12 57 12 56	5 11 16 5	2 6 14 21	1 16 12 0	1 4 19 59	0 31 5 40	1 48 8 8	0 41 21 57	1 6 13 22	9 51 22	10 22 20	7 42 12 16	6 24 12 16					
T 16	12 36 17 49	4 57 15 31	2 6 13 57	1 17 11 43	1 4 20 1	0 32 5 38	1 48 8 8	0 41 21 57	1 6 13 23	9 51 22	10 22 21	7 39 12 14	6 24 12 16					
F 17	12 15 21 36	4 27 14 56	2 6 13 32	1 18 11 26	1 3 20 2	0 32 5 35	1 48 8 7	0 41 21 56	1 6 13 23	9 51 22	11 22 21	7 36 12 13	6 24 12 16					
S 18	11 54 24 7	3 44 14 20	2 5 13 7	1 19 11 9	1 3 20 4	0 32 5 32	1 48 8 7	0 41 21 56	1 6 13 23	9 51 22	11 22 21	7 33 12 12	6 24 12 16					
S 19	11 33 25 18	2 51 13 42	2 4 12 41	1 20 10 52	1 3 20 5	0 32 5 29	1 48 8 6	0 41 21 56	1 6 13 23	9 50 22	11 22 22	7 30 12 10	6 24 12 16					
M20	11 12 25 10	1 50 13 3	2 3 12 15	1 21 10 34	1 3 20 7	0 32 5 27	1 48 8 6	0 41 21 56	1 6 13 23	9 50 22	10 22 22	7 28 12 9	6 25 12 15					
T 21	10 50 23 48	0 46 12 23	2 0 11 49	1 22 10 16	1 3 20 8	0 32 5 24	1 48 8 5	0 41 21 56	1 6 13 24	9 50 22	10 22 23	7 25 12 7	6 25 12 15					
W22	10 29 21 22	0s19 11 42	1 58 11 23	1 23 9 59	1 2 20 10	0 32 5 21	1 48 8 5	0 41 21 56	1 6 13 24	9 50 22	10 22 23	7 22 12 6	6 25 12 15					
T 23	10 7 18 1	1 22 10 59	1 55 10 56	1 23 9 41	1 2 20 11	0 32 5 18	1 48 8 4	0 41 21 56	1 6 13 24	9 50 22	10 22 23	7 19 12 4	6 25 12 15					
F 24	9 45 13 59	2 22 10 15	1 51 10 29	1 24 9 23	1 2 20 12	0 32 5 16	1 48 8 4	0 41 21 56	1 6 13 24	9 49 22	11 22 24	7 16 12 3	6 25 12 15					
S 25	9 23 9 26	3 15 9 30	1 47 10 2	1 25 9 5	1 2 20 14	0 32 5 13	1 48 8 3	0 41 21 55	1 6 13 25	9 49 22	12 22 24	7 13 12 2	6 25 12 15					
S 26	9 1 4 33	3 59 8 44	1 42 9 34	1 25 8 47	1 2 20 15	0 32 5 10	1 48 8 3	0 41 21 55	1 6 13 25	9 49 22	13 22 24	7 10 12 0	6 26 12 11					
M27	8 38 0s30	4 34 7 57	1 37 9 6	1 25 8 29	1 1 20 16	0 32 5 7	1 48 8 2	0 41 21 55	1 6 13 25	9 49 22	14 22 25	7 7 11 59	6 26 12 11					
T 28	8s16	5s33	4s56	7s 9	1s31	8s38	1s26	8s11	1s 1	20n17	0n32	5s 4	1s48	8s 2	0n41	21s55	1n 6	13n25

## ASTRODIENST EPHEMERIS for the year 2643

MARCH 2643

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	10 33 41	9 <sup>h</sup> 45'26"	14 <sup>h</sup> 38'	17 <sup>h</sup> 13'	12 <sup>h</sup> 32'	12 <sup>h</sup> 16'	1°R23	21 <sup>h</sup> 28'	22°R17	9 <sup>h</sup> 30'	23°R53	17°R 3	15 <sup>h</sup> 48'	2 <sup>h</sup> 34'	8 <sup>h</sup> 11'	W 1
T 2	10 37 37	10°45'55"	26°47'	19° 5'	13°47'	13° 4'	1 <sup>h</sup> 18	21°35'	22°16'	9°31'	23°II53	16°354	15°44'	2°40'	8°15'	T 2
F 3	10 41 34	11°46'24"	9 <sup>h</sup> 16'	20°56'	15° 2'	13°51'	1°13	21°43'	22°14'	9°33'	23°53	16°46'	15°41'	2°47'	8°20'	F 3
S 4	10 45 30	12°46'51"	21°37'	22°48'	16°18'	14°38'	1° 9	21°50'	22°12'	9°34'	23°53	16°42'	15°38'	2°54'	8°25'	S 4
S 5	10 49 27	13°47'16"	4 <sup>h</sup> 24'	24°38'	17°33'	15°26'	1° 4	21°57'	22°10'	9°35'	23°53	16°39'	15°35'	3° 0'	8°30'	S 5
M 6	10 53 24	14°47'41"	17°30'	26°28'	18°48'	16°13'	1° 0	22° 4'	22° 9'	9°37'	23°53	16°D39	15°32'	3° 7'	8°34'	M 6
T 7	10 57 20	15°48'04"	0 <sup>h</sup> 359	28°17'	20° 3'	17° 1'	0°56	22°12'	22° 7'	9°38'	23°53	16°39'	15°28'	3°14'	8°39'	T 7
W 8	11 1 17	16°48'26"	14°53'	0 <sup>h</sup> Y 5	21°18'	17°48'	0°53	22°19'	22° 5'	9°39'	23°53	16°R40	15°25'	3°20'	8°44'	W 8
T 9	11 5 13	17°48'47"	29°13'	1°51'	22°33'	18°36'	0°49	22°26'	22° 3'	9°40'	23°D53	16°39'	15°22'	3°27'	8°48'	T 9
F 10	11 9 10	18°49'06"	13 <sup>h</sup> 56'	3°35'	23°48'	19°23'	0°46	22°34'	22° 1'	9°41'	23°53	16°37'	15°19'	3°34'	8°53'	F 10
S 11	11 13 6	19°49'23"	29° 0'	5°15'	25° 3'	20°10'	0°43	22°41'	21°59'	9°42'	23°53	16°31'	15°16'	3°40'	8°57'	S 11
S 12	11 17 3	20°49'39"	14 <sup>h</sup> 14'	6°53'	26°18'	20°58'	0°40	22°48'	21°57'	9°43'	23°53	16°23'	15°13'	3°47'	9° 2'	S 12
M13	11 20 59	21°49'53"	29°29'	8°27'	27°33'	21°45'	0°37	22°56'	21°54'	9°44'	23°53	16°14'	15° 9'	3°54'	9° 6'	M13
T 14	11 24 56	22°50'06"	14 <sup>h</sup> Y34	9°56'	28°48'	22°32'	0°34	23° 3'	21°52'	9°45'	23°53	16° 3'	15° 6'	4° 1'	9°10'	T 14
W15	11 28 53	23°50'16"	29°19'	11°21'	0 <sup>h</sup> Y 3	23°20'	0°32	23°10'	21°50'	9°46'	23°53	15°54'	15° 3'	4° 7'	9°15'	W15
T 16	11 32 49	24°50'25"	13 <sup>h</sup> 37'	12°40'	1°18'	24° 7'	0°29	23°18'	21°48'	9°47'	23°53	15°45'	15° 0'	4°14'	9°19'	T 16
F 17	11 36 46	25°50'32"	27°25'	13°53'	2°33'	24°54'	0°27	23°25'	21°46'	9°48'	23°53	15°40'	14°57'	4°21'	9°23'	F 17
S 18	11 40 42	26°50'36"	10 <sup>h</sup> II43	14°59'	3°48'	25°42'	0°25	23°32'	21°43'	9°49'	23°53	15°37'	14°53'	4°27'	9°27'	S 18
S 19	11 44 39	27°50'39"	23°34'	15°58'	5° 3'	26°29'	0°24	23°40'	21°41'	9°49'	23°54	15°D35	14°50'	4°34'	9°31'	S 19
M20	11 48 35	28°50'39"	6 <sup>h</sup> 3	16°50'	6°17'	27°16'	0°22	23°47'	21°39'	9°50'	23°54	15°35'	14°47'	4°41'	9°35'	M20
T 21	11 52 32	29°50'37"	18°14'	17°33'	7°32'	28° 4'	0°21	23°54'	21°37'	9°51'	23°54	15°R36	14°44'	4°47'	9°40'	T 21
W22	11 56 28	0 <sup>h</sup> Y50'33	0 <sup>h</sup> 12	18° 8'	8°47'	28°51'	0°20	24° 1'	21°34'	9°52'	23°54	15°35'	14°41'	4°54'	9°43'	W22
T 23	12 0 25	1°50'27"	12° 3'	18°35'	10° 2'	29°38'	0°19	24° 9'	21°32'	9°52'	23°55	15°32'	14°38'	5° 1'	9°47'	T 23
F 24	12 4 22	2°50'19"	23°52'	18°53'	11°17'	0 <sup>h</sup> Y25	0°18	24°16'	21°29'	9°53'	23°55	15°26'	14°34'	5° 7'	9°51'	F 24
S 25	12 8 18	3°50'09"	5 <sup>h</sup> 141	19° 2'	12°31'	1°12'	0°18	24°23'	21°27'	9°54'	23°55	15°18'	14°31'	5°14'	9°55'	S 25
S 26	12 12 15	4°49'56"	17°33'	19°R 3	13°46'	1°59'	0°18	24°31'	21°25'	9°54'	23°56	15° 6'	14°28'	5°21'	9°59'	S 26
M27	12 16 11	5°49'42"	29°31'	18°56'	15° 1'	2°46'	0°D18	24°38'	21°22'	9°55'	23°56	14°53'	14°25'	5°28'	10° 2'	M27
T 28	12 20 8	6°49'26"	11 <sup>h</sup> 136	18°40'	16°15'	3°34'	0°18	24°45'	21°20'	9°55'	23°57	14°39'	14°22'	5°34'	10° 6'	T 28
W29	12 24 4	7°49'07"	23°49'	18°16'	17°30'	4°21'	0°18	24°52'	21°17'	9°56'	23°57	14°25'	14°19'	5°41'	10°10'	W29
T 30	12 28 1	8°48'47"	6 <sup>h</sup> 110	17°46'	18°45'	5° 8'	0°18	24°59'	21°15'	9°56'	23°57	14°12'	14°15'	5°48'	10°13'	T 30
F 31	12 31 57	9°Y48'25	18 <sup>h</sup> 141	17°Y 9	19°Y59	5°Y55	0°19	25°Y 7	21°12	9°57	23°II58	14°Y 2	14°Y12	5°Y54	10°Y17	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	7s53	10s26	5s 5	6s20	1s25	8s10	1s26	7s52	1s 1	20n19	0n32	5s 1	1s48	8s 1	0n41	W 1
T 2	7 30	14 58	5 1	5 30	1 18	7 41	1 26	7 34	1 1	20 20	0 32	4 59	1 48	8 0	0 41	T 2
F 3	7 7	18 57	4 43	4 39	1 10	7 12	1 27	7 16	1 0	20 21	0 32	4 56	1 48	8 0	0 41	F 3
S 4	6 44	22 9	4 11	3 48	1 1	6 43	1 27	6 57	1 0	20 22	0 33	4 53	1 48	7 59	0 41	S 4
S 5	6 21	24 20	3 26	2 56	0 52	6 14	1 27	6 39	1 0	20 23	0 33	4 50	1 48	7 58	0 41	S 5
M 6	5 58	25 15	2 29	2 3	0 43	5 45	1 27	6 20	1 0	20 24	0 33	4 47	1 48	7 58	0 41	M 6
T 7	5 35	24 44	1 23	1 11	0 33	5 15	1 27	6 1	0 59	20 25	0 33	4 44	1 48	7 57	0 41	T 7
W 8	5 11	22 41	0 10	0 18	0 22	4 46	1 26	5 43	0 59	20 25	0 33	4 42	1 48	7 56	0 41	W 8
T 9	4 48	19 10	1n 7	0n35	0 10	4 16	1 26	5 24	0 59	20 26	0 33	4 39	1 48	7 55	0 41	T 9
F 10	4 25	14 21	2 20	1 27	0n 2	3 46	1 26	5 5	0 58	20 27	0 33	4 36	1 48	7 55	0 41	F 10
S 11	4 1	8 34	3 26	2 18	0 14	3 16	1 26	4 46	0 58	20 28	0 33	4 33	1 48	7 54	0 41	S 11
S 12	3 37	2 14	4 17	3 8	0 27	2 46	1 25	4 27	0 58	20 28	0 33	4 30	1 48	7 53	0 41	S 12
M13	3 14	4n14	4 50	3 57	0 40	2 16	1 25	4 8	0 57	20 29	0 33	4 27	1 48	7 52	0 41	M13
T 14	2 50	10 23	5 3	4 45	0 54	1 46	1 24	3 49	0 57	20 30	0 33	4 24	1 48	7 51	0 41	T 14
W15	2 26	15 47	4 55	5 31	1 7	1 16	1 24	3 30	0 57	20 30	0 33	4 22	1 48	7 51	0 41	W15
T 16	2 3	20 8	4 28	6 14	1 21	0 45	1 23	3 11	0 56	20 31	0 33	4 19	1 48	7 50	0 41	T 16
F 17	1 39	23 12	3 47	6 55	1 35	0 15	1 22	2 52	0 56	20 31	0 33	4 16	1 48	7 49	0 41	F 17
S 18	1 15	24 51	2 54	7 33	1 49	0n15	1 21	2 33	0 56	20 32	0 33	4 13	1 48	7 48	0 41	S 18
S 19	0 51	25 6	1 54	8 8	2 2	0 46	1 21	2 14	0 55	20 32	0 33	4 10	1 48	7 47	0 41	S 19
M20	0 27	24 4	0 51	8 40	2 15	1 16	1 20	1 55	0 55	20 32	0 33	4 7	1 49	7 46	0 41	M20
T 21	0 4	21 53	0s14	9 8	2 27	1 47	1 19	1 36	0 55	20 33	0 33	4 5	1 49	7 45	0 41	T 21
W22	0n20	18 47	1 17	9 32	2 39	2 17	1 18	1 17	0 54	20 33	0 33	4 2	1 49	7 45	0 41	W22
T 23	0 44	14 57	2 15	9 52	2 49	2 47	1 17	0 58	0 54	20 33	0 33	3 59	1 49	7 44	0 41	T 23
F 24	1 7	10 34	3 8	10 8	2 59	3 17	1 15	0 39	0 53	20 33	0 33	3 56	1 49	7 43	0 41	F 24
S 25	1 31	5 48	3 52	10 20	3 8	3 47	1 14	0 20	0 53	20 33	0 33	3 53	1 49	7 42	0 41	S 25
S 26	1 55	0 48	4 26	10 27	3 15	4 18	1 13	0 1	0 53	20 33	0 33	3 50	1 49	7 41	0 41	S 26
M27	2 18	4s14	4 49	10 29	3 21	4 48	1 12	0n18	0 52	20 33	0 33	3 48	1 49	7 40	0 41	M27
T 28	2 42	9 10	4 59	10 27	3 25	5 17	1 10	0 37	0 52	20 33	0 33	3 45	1 49	7 39	0 41	T 28
W29	3 5	13 47	4 56	10 20	3 28	5 47	1 9	0 56	0 51	20 33	0 33	3 42	1 49	7 38	0 41	W29
T 30	3 29	17 54	4 38	10 10	3 28	6 17	1 7	1 15	0 51	20 33	0 33	3 39	1 49	7 37	0 41	T 30
F 31	3n52	21s17	4s 7	9n55	3n27	6n46	1s 6	1n34	0s50	20n33	0n33	3s37	1s49	7s36	0n41	F 31

Julian Day Number = 2686454.5, Delta T = 23m06s

Ecliptic obliquity = 23°21'24", Nutation = 0°00'17"

Ayanamsha: Fagan/Bradley = 33°44'13", Lahiri = 32°51'13"



## ASTRODIENST EPHEMERIS for the year 2643

MAY 2643

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 34 11	10 <sup>8</sup> 21'12	7 <sup>3</sup> 47	13 <sup>5</sup> 5	28 <sup>8</sup> 19	29 <sup>5</sup> 56	2 <sup>0</sup> 10	28 <sup>8</sup> 34	19 <sup>5</sup> R53	9 <sup>5</sup> R53	24 <sup>1</sup> 22	11 <sup>0</sup> D 2	12 <sup>3</sup> 34	9 <sup>0</sup> 22	11 <sup>3</sup> 31	M 1
T 2	14 38 7	11 <sup>0</sup> 19'48	21 <sup>2</sup> 22	14 <sup>0</sup> 2	29 <sup>3</sup> 33	0 <sup>8</sup> 42	2 <sup>0</sup> 16	28 <sup>4</sup> 41	19 <sup>5</sup> 51	9 <sup>5</sup> 52	24 <sup>2</sup> 23	11 <sup>0</sup> 2	12 <sup>3</sup> 31	9 <sup>0</sup> 29	11 <sup>3</sup> 33	T 2
W 3	14 42 4	12 <sup>0</sup> 18'22	5 <sup>5</sup> 9	15 <sup>0</sup> 2	0 <sup>11</sup> 46	1 <sup>0</sup> 28	2 <sup>0</sup> 23	28 <sup>4</sup> 47	19 <sup>4</sup> 48	9 <sup>5</sup> 52	24 <sup>2</sup> 24	11 <sup>0</sup> 3	12 <sup>0</sup> 27	9 <sup>0</sup> 35	11 <sup>3</sup> 34	W 3
T 4	14 46 0	13 <sup>0</sup> 16'54	19 <sup>10</sup> 10	16 <sup>0</sup> 5	2 <sup>0</sup> 0	2 <sup>0</sup> 13	2 <sup>0</sup> 29	28 <sup>0</sup> 52	19 <sup>4</sup> 46	9 <sup>5</sup> 51	24 <sup>2</sup> 25	11 <sup>0</sup> R 3	12 <sup>0</sup> 24	9 <sup>0</sup> 42	11 <sup>3</sup> 35	T 4
F 5	14 49 57	14 <sup>0</sup> 15'24	3 <sup>8</sup> 23	17 <sup>0</sup> 11	3 <sup>0</sup> 14	2 <sup>0</sup> 59	2 <sup>0</sup> 36	28 <sup>0</sup> 58	19 <sup>4</sup> 44	9 <sup>5</sup> 50	24 <sup>2</sup> 26	11 <sup>0</sup> 2	12 <sup>0</sup> 21	9 <sup>0</sup> 49	11 <sup>3</sup> 36	F 5
S 6	14 53 53	15 <sup>0</sup> 13'53	17 <sup>0</sup> 48	18 <sup>0</sup> 19	4 <sup>0</sup> 27	3 <sup>0</sup> 45	2 <sup>0</sup> 43	29 <sup>0</sup> 4	19 <sup>4</sup> 42	9 <sup>5</sup> 50	24 <sup>2</sup> 27	10 <sup>0</sup> 58	12 <sup>0</sup> 18	9 <sup>0</sup> 55	11 <sup>3</sup> 37	S 6
S 7	14 57 50	16 <sup>0</sup> 12'21	2 <sup>0</sup> 20	19 <sup>0</sup> 30	5 <sup>0</sup> 41	4 <sup>0</sup> 30	2 <sup>0</sup> 50	29 <sup>0</sup> 10	19 <sup>3</sup> 39	9 <sup>4</sup> 49	24 <sup>2</sup> 28	10 <sup>0</sup> 52	12 <sup>0</sup> 15	10 <sup>0</sup> 2	11 <sup>3</sup> 38	S 7
M 8	15 1 146	17 <sup>0</sup> 10'47	16 <sup>0</sup> 54	20 <sup>0</sup> 43	6 <sup>0</sup> 54	5 <sup>0</sup> 16	2 <sup>0</sup> 57	29 <sup>0</sup> 16	19 <sup>3</sup> 37	9 <sup>4</sup> 48	24 <sup>2</sup> 30	10 <sup>0</sup> 44	12 <sup>0</sup> 11	10 <sup>0</sup> 9	11 <sup>3</sup> 39	M 8
T 9	15 5 543	18 <sup>0</sup> 9'11	1 <sup>8</sup> 24	21 <sup>0</sup> 59	8 <sup>0</sup> 8	6 <sup>0</sup> 2	3 <sup>0</sup> 4	29 <sup>0</sup> 21	19 <sup>3</sup> 35	9 <sup>4</sup> 47	24 <sup>2</sup> 31	10 <sup>0</sup> 36	12 <sup>0</sup> 8	10 <sup>0</sup> 15	11 <sup>3</sup> 40	T 9
W10	15 9 40	19 <sup>0</sup> 7'34	15 <sup>0</sup> 44	23 <sup>0</sup> 16	9 <sup>0</sup> 21	6 <sup>0</sup> 47	3 <sup>0</sup> 11	29 <sup>0</sup> 27	19 <sup>3</sup> 33	9 <sup>4</sup> 46	24 <sup>2</sup> 32	10 <sup>0</sup> 28	12 <sup>0</sup> 5	10 <sup>0</sup> 22	11 <sup>3</sup> 40	W10
T 11	15 13 36	20 <sup>0</sup> 5'55	29 <sup>0</sup> 47	24 <sup>0</sup> 36	10 <sup>0</sup> 35	7 <sup>0</sup> 33	3 <sup>0</sup> 19	29 <sup>0</sup> 33	19 <sup>3</sup> 31	9 <sup>4</sup> 45	24 <sup>2</sup> 33	10 <sup>0</sup> 21	12 <sup>0</sup> 2	10 <sup>0</sup> 29	11 <sup>3</sup> 41	T 11
F 12	15 17 33	21 <sup>0</sup> 4'14	13 <sup>1</sup> 28	25 <sup>0</sup> 58	11 <sup>0</sup> 48	8 <sup>0</sup> 18	3 <sup>0</sup> 26	29 <sup>0</sup> 38	19 <sup>2</sup> 29	9 <sup>4</sup> 45	24 <sup>2</sup> 34	10 <sup>0</sup> 16	11 <sup>0</sup> 59	10 <sup>0</sup> 36	11 <sup>3</sup> 41	F 12
S 13	15 21 29	22 <sup>0</sup> 2'31	26 <sup>0</sup> 46	27 <sup>0</sup> 23	13 <sup>0</sup> 2	9 <sup>0</sup> 3	3 <sup>0</sup> 34	29 <sup>0</sup> 43	19 <sup>2</sup> 26	9 <sup>4</sup> 44	24 <sup>2</sup> 35	10 <sup>0</sup> 13	11 <sup>0</sup> 56	10 <sup>0</sup> 42	11 <sup>3</sup> 42	S 13
S 14	15 25 26	23 <sup>0</sup> 0'47	9 <sup>0</sup> 41	28 <sup>0</sup> 49	14 <sup>0</sup> 15	9 <sup>0</sup> 49	3 <sup>0</sup> 42	29 <sup>0</sup> 49	19 <sup>2</sup> 24	9 <sup>4</sup> 43	24 <sup>2</sup> 37	10 <sup>0</sup> D12	11 <sup>0</sup> 52	10 <sup>0</sup> 49	11 <sup>3</sup> 42	S 14
M15	15 29 22	23 <sup>0</sup> 59'00	22 <sup>0</sup> 15	0 <sup>8</sup> 17	15 <sup>0</sup> 28	10 <sup>0</sup> 34	3 <sup>0</sup> 50	29 <sup>0</sup> 54	19 <sup>2</sup> 22	9 <sup>4</sup> 42	24 <sup>2</sup> 38	10 <sup>0</sup> 13	11 <sup>0</sup> 49	10 <sup>0</sup> 56	11 <sup>3</sup> 43	M15
T 16	15 33 19	24 <sup>0</sup> 57'12	4 <sup>0</sup> 32	1 <sup>0</sup> 48	16 <sup>0</sup> 42	11 <sup>0</sup> 19	3 <sup>0</sup> 58	29 <sup>0</sup> 59	19 <sup>2</sup> 20	9 <sup>4</sup> 41	24 <sup>2</sup> 39	10 <sup>0</sup> 14	11 <sup>0</sup> 46	11 <sup>0</sup> 2	11 <sup>3</sup> 43	T 16
W17	15 37 16	25 <sup>0</sup> 55'21	16 <sup>0</sup> 35	3 <sup>0</sup> 20	17 <sup>0</sup> 55	12 <sup>0</sup> 4	4 <sup>0</sup> 6	0 <sup>0</sup> 4 4	19 <sup>1</sup> 19	9 <sup>4</sup> 40	24 <sup>2</sup> 40	10 <sup>0</sup> 15	11 <sup>0</sup> 43	11 <sup>0</sup> 9	11 <sup>3</sup> 43	W17
T 18	15 41 12	26 <sup>0</sup> 53'29	28 <sup>0</sup> 29	4 <sup>0</sup> 54	19 <sup>0</sup> 8	12 <sup>0</sup> 50	4 <sup>0</sup> 15	0 <sup>0</sup> 10	19 <sup>1</sup> 17	9 <sup>4</sup> 39	24 <sup>2</sup> 42	10 <sup>0</sup> R16	11 <sup>0</sup> 40	11 <sup>0</sup> 16	11 <sup>3</sup> 43	T 18
F 19	15 45 9	27 <sup>0</sup> 51'34	10 <sup>0</sup> 21	6 <sup>0</sup> 31	20 <sup>0</sup> 21	13 <sup>0</sup> 35	4 <sup>0</sup> 23	0 <sup>0</sup> 15	19 <sup>1</sup> 15	9 <sup>4</sup> 38	24 <sup>2</sup> 43	10 <sup>0</sup> 15	11 <sup>0</sup> 36	11 <sup>0</sup> 23	11 <sup>3</sup> 43	F 19
S 20	15 49 5	28 <sup>0</sup> 49'38	22 <sup>0</sup> 14	8 <sup>0</sup> 9	21 <sup>0</sup> 35	14 <sup>0</sup> 20	4 <sup>0</sup> 32	0 <sup>0</sup> 20	19 <sup>1</sup> 13	9 <sup>4</sup> 36	24 <sup>2</sup> 44	10 <sup>0</sup> 12	11 <sup>0</sup> 33	11 <sup>0</sup> 29	11 <sup>3</sup> 43	S 20
S 21	15 53 2	29 <sup>0</sup> 47'40	4 <sup>0</sup> 13	9 <sup>0</sup> 49	22 <sup>0</sup> 48	15 <sup>0</sup> 5	4 <sup>0</sup> 41	0 <sup>0</sup> 24	19 <sup>1</sup> 11	9 <sup>4</sup> 35	24 <sup>2</sup> 45	10 <sup>0</sup> 7	11 <sup>0</sup> 30	11 <sup>0</sup> 36	11 <sup>3</sup> 43	S 21
M22	15 56 58	0 <sup>11</sup> 45'40	16 <sup>0</sup> 22	11 <sup>0</sup> 31	24 <sup>0</sup> 1	15 <sup>0</sup> 50	4 <sup>0</sup> 50	0 <sup>0</sup> 29	19 <sup>0</sup> 9	9 <sup>4</sup> 34	24 <sup>2</sup> 47	10 <sup>0</sup> 2	11 <sup>0</sup> 27	11 <sup>0</sup> 43	11 <sup>3</sup> 42	M22
T 23	16 0 55	1 <sup>0</sup> 43'39	28 <sup>0</sup> 44	13 <sup>0</sup> 16	25 <sup>0</sup> 14	16 <sup>0</sup> 34	4 <sup>0</sup> 58	0 <sup>0</sup> 34	19 <sup>0</sup> 8	9 <sup>4</sup> 33	24 <sup>2</sup> 48	9 <sup>0</sup> 55	11 <sup>0</sup> 24	11 <sup>0</sup> 49	11 <sup>3</sup> 42	T 23
W24	16 4 51	2 <sup>0</sup> 41'35	11 <sup>0</sup> 21	15 <sup>0</sup> 2	26 <sup>0</sup> 27	17 <sup>0</sup> 19	5 <sup>0</sup> 8	0 <sup>0</sup> 39	19 <sup>0</sup> 6	9 <sup>4</sup> 32	24 <sup>2</sup> 49	9 <sup>0</sup> 49	11 <sup>0</sup> 21	11 <sup>0</sup> 56	11 <sup>3</sup> 42	W24
T 25	16 8 48	3 <sup>0</sup> 39'31	24 <sup>0</sup> 13	16 <sup>0</sup> 50	27 <sup>0</sup> 40	18 <sup>0</sup> 4	5 <sup>0</sup> 17	0 <sup>0</sup> 43	19 <sup>0</sup> 4	9 <sup>4</sup> 31	24 <sup>2</sup> 50	9 <sup>0</sup> 43	11 <sup>0</sup> 17	12 <sup>0</sup> 3	11 <sup>3</sup> 41	T 25
F 26	16 12 44	4 <sup>0</sup> 37'24	7 <sup>0</sup> 20	18 <sup>0</sup> 40	28 <sup>0</sup> 53	18 <sup>0</sup> 49	5 <sup>0</sup> 26	0 <sup>0</sup> 48	19 <sup>0</sup> 3	9 <sup>4</sup> 29	24 <sup>2</sup> 52	9 <sup>0</sup> 38	11 <sup>0</sup> 14	12 <sup>0</sup> 9	11 <sup>3</sup> 41	F 26
S 27	16 16 41	5 <sup>0</sup> 35'17	20 <sup>0</sup> 42	20 <sup>0</sup> 32	0 <sup>0</sup> 56	19 <sup>0</sup> 33	5 <sup>0</sup> 35	0 <sup>0</sup> 52	19 <sup>0</sup> 1	9 <sup>4</sup> 28	24 <sup>2</sup> 53	9 <sup>0</sup> 35	11 <sup>0</sup> 11	12 <sup>0</sup> 16	11 <sup>3</sup> 40	S 27
S 28	16 20 38	6 <sup>0</sup> 33'08	4 <sup>0</sup> 17	22 <sup>0</sup> 27	1 <sup>0</sup> 19	20 <sup>0</sup> 18	5 <sup>0</sup> 45	0 <sup>0</sup> 57	19 <sup>0</sup> 0	9 <sup>4</sup> 27	24 <sup>2</sup> 54	9 <sup>0</sup> D34	11 <sup>0</sup> 8	12 <sup>0</sup> 23	11 <sup>3</sup> 40	S 28
M29	16 24 34	7 <sup>0</sup> 30'57	18 <sup>0</sup> 3	24 <sup>0</sup> 23	2 <sup>0</sup> 31	21 <sup>0</sup> 3	5 <sup>0</sup> 54	1 <sup>0</sup> 1	18 <sup>0</sup> 58	9 <sup>4</sup> 25	24 <sup>2</sup> 56	9 <sup>0</sup> 34	11 <sup>0</sup> 5	12 <sup>0</sup> 30	11 <sup>3</sup> 39	M29
T 30	16 28 31	8 <sup>0</sup> 28'46	1 <sup>0</sup> 58	26 <sup>0</sup> 21	3 <sup>0</sup> 44	21 <sup>0</sup> 47	6 <sup>0</sup> 4	1 <sup>0</sup> 5	18 <sup>0</sup> 57	9 <sup>4</sup> 24	24 <sup>2</sup> 57	9 <sup>0</sup> 35	11 <sup>0</sup> 2	12 <sup>0</sup> 36	11 <sup>3</sup> 38	T 30
W31	16 32 27	9 <sup>0</sup> 26'33	16 <sup>0</sup> 0	28 <sup>0</sup> 21	4 <sup>0</sup> 57	22 <sup>0</sup> 32	6 <sup>0</sup> 14	1 <sup>0</sup> 9	18 <sup>0</sup> 56	9 <sup>4</sup> 23	24 <sup>2</sup> 58	9 <sup>0</sup> 36	10 <sup>0</sup> 58	12 <sup>0</sup> 43	11 <sup>3</sup> 37	W31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	14n52	23s25	0s17	2n50	2s31	19n45	0n 2	10n52	0s35	20n 9	0n33	2s18	1s53	7s 7	0n41	21s52	1n 8	13n41	9s34	22s54	22s46	4n 2	10s41	6n51	
T 2	15 11	20 46	0n55	3 7	2 36	20 4	0 5	11 9	0 34	20 7	0 33	2 15	1 53	7 6	0 41	21 52	1 8	13 41	9 34	22 54	22 46	3 59	10 40	6 51	
W 3	15 29	16 53	2 5	3 26	2 41	20 22	0 7	11 25	0 33	20 6	0 33	2 13	1 53	7 5	0 41	21 52	1 8	13 41	9 33	22 54	22 47	3 56	10 39	6 52	
T 4	15 46	12 2	3 9	3 46	2 45	20 39	0 10	11 41	0 33	20 4	0 33	2 11	1 54	7 4	0 41	21 52	1 8	13 42	9 33	22 54	22 47	3 53	10 38	6 52	
F 5	16 4	6 27	4 2	4 8	2 48	20 56	0 12	11 57	0 32	20 3	0 33	2 9	1 54	7 4	0 41	21 52	1 8	13 42	9 33	22 54	22 47	3 50	10 38	6 53	
S 6	16 21	0 29	4 41	4 31	2 51	21 12	0 15	12 14	0 32	20 1	0 33	2 7	1 54	7 3	0 41	21 52	1 8	13 42	9 33	22 54	22 47	3 47	10 37	6 53	
S 7	16 38	5n33	5 2	4 56	2 53	21 28	0 18	12 29	0 31	20 0	0 33	2 5	1 54	7 2	0 41	21 52	1 8	13 42	9 33	22 55	22 48	3 44	10 36	6 54	
M 8	16 54	11 18	5 4	5 22	2 55	21 43	0 20	12 45	0 31	19 58	0 33	2 2	1 54	7 1	0 41	21 52	1 8	13 42	9 33	22 55	22 48	3 41	10 35	6 54	
T 9	17 11	16 23	4 46	5 49	2 56	21 58	0 23	13 1	0 30	19 57	0 33	2 0	1 54	7 0	0 41	21 52	1 8	13 43	9 32	22 56	22 48	3 39	10 35	6 55	
W10	17 27	20 29	4 10	6 17	2 56	22 12	0 25	13 16	0 29	19 55	0 33	1 58	1 55	6 59	0 41	21 52	1 8	13 43	9 32	22 57	22 49	3 36	10 34	6 55	
T 11	17 42	23 17	3 20	6 46	2 56	22 25	0 28	13 32	0 29	19 53	0 33	1 56	1 55	6 59	0 41	21 52	1 8	13 43	9 32	22 57	22 49	3 33	10 33	6 56	
F 12	17 58	24 38	2 19	7 17	2 55	22 38	0 31	13 47	0 28	19 51	0 33	1 54	1 55	6 58	0 41	21 52	1 8	13 43	9 32	22 58	22 49	3 30	10 33	6 56	
S 13	18 13	24 31	1 12	7 48	2 54	22 50	0 33	14 2	0 28	19 50	0 33	1 52	1 55	6 57	0 41	21 52	1 8	13 43	9 32	22 58	22 49	3 27	10 32	6 57	
S 14	18 28	23 3	0 3	8 20	2 52	23 1	0 36	14 17	0 27	19 48	0 33	1 50	1 55	6 56	0 41	21 52	1 8	13 44	9 32	22 58	22 50	3 24	10 31	6 57	
M15	18 42	20 28	1s 5	8 53	2 49	23 12	0 38	14 32	0 26	19 46	0 33	1 48	1 56	6 56	0 41	21 52	1 8	13 44	9 32	22 58	22 50	3 21	10 31	6 58	
T 16	18 56	17 0	2 8	9 27	2 46	23 22	0 41	14 46	0 26	19 44	0 33	1 47	1 56	6 55	0 41	21 52	1 8	13 44	9 31	22 58	22 50	3 18	10 30	6 58	
W17	19 10	12 53	3 4	10 2	2 42	23 32	0 43	15 1	0 25	19 42	0 33	1 45	1 56	6 54	0 41	21 52	1 8	13 44	9 31	22 58	22 51	3 15	10 30	6 59	
T 18	19 24	8 20	3 51	10 37	2 38	23 40	0 46	15 15	0 24	19 40	0 33	1 43	1 56	6 54	0 41	21 52	1 8	13 44	9 31	22 58	22 51	3 12	10 29	6 59	
F 19	19 37	3 31	4 29	11 13	2 34	23 49	0 48	15 29	0 24	19 38	0 33	1 41	1 56	6 53	0 41	21 52	1 8	13 45	9 31	22 58	22 51	3 9	10 29	7 0	
S 20	19 50	1s27	4 55	11 50	2 28	23 56	0 51	15 43	0 23	19 36	0 33	1 39	1 57	6 52	0 41	21 52	1 8	13 45	9 31	22 58	22 51	3 6	10 28	7 0	
S 21	20 2	6 23	5 8	12 27	2 23	24 3	0 53	15 57	0 23	19 34	0 33	1 38	1 57	6 52	0 41	21 52	1 8	13 45	9 31	22 58	22 52	3 3	10 28	7 1	
M22	20 14	11 9	5 8	13 4	2 16	24 9	0 55	16 10	0 22	19 32	0 33	1 36	1 57	6 51	0 41	21 52	1 8	13 45	9 31	22 59	22 52	3 0	10 27	7 1	
T 23	20 26	15 33	4 53	13 42	2 10	24 14	0 58	16 24	0 21	19 30	0 33	1 34	1 57	6 50	0 40	21 52	1 9	13 45	9 30	22 59	22 52	2 58	10 27	7 2	
W24	20 38	19 22	4 24	14 20	2 3	24 19	1 0	16 37	0 21	19 27	0 33	1 32	1 57	6 50	0 40	21 53	1 9	13 45	9 30	23 0	22 52	2 55	10 27	7 2	
T 25	20 49	22 20	3 42	14 58	1 55	24 23	1 2	16 50	0 20	19 25	0 33	1 31	1 58	6 49	0 40	21 53	1 9	13 46	9 30	23 0	22 53	2 52	10 26	7 3	
F 26	20 59	24 12	2 46	15 36	1 47	24 26	1 5	17 3	0 19	19 23	0 33	1 29	1 58	6 49	0 40	21 53	1 9	13 46	9 30	23 0	22 53	2 49	10 26	7 3	
S 27	21 10	24 43	1 41	16 14	1 38	24 28	1 7	17 16	0 19	19 21	0 33	1 28	1 58	6 48	0 40	21 53	1 9	13 46	9 30	23 1	22 53	2 46	10 26	7 4	
S 28	21 20	23 46	0 29	16 52	1 30	24 30	1 9	17 28	0 18	19 18	0 33	1 26	1 58	6 48	0 40	21 53	1 9	13 46	9 30	23 1	22 53	2 43	10 25	7 4	
M29	21 29	21 23	0n46	17 30	1 20	24 31	1 11	17 41	0 17	19 16	0 33	1 25	1 58	6 47	0 40	21 53	1 9	13 46	9 30	23 1	22 54	2 40	10 25	7 5	
T 30	21 39	17 43	1 59	18 7	1 11	24 32	1 13	17 53	0 17	19 14	0 33	1 23	1 59	6 47	0 40	21 53	1 9	13 46	9 30	23 1	22 54	2 37	10 25	7 5	
W31	21n47	13s 1	3n 6	18n44	1s 1	24n31	1n16	18n 5	0s16	19n11	0n33	1s22	1s59	6s46	0n40	21s53	1n 9	13n46	9s30	23s 1	22s54	2n34	10s25	7n 6	



## ASTRODIENST EPHEMERIS for the year 2643

JULY 2643

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 34 41	9°59'16"	9°36'36"	0°45'12"	12°12'15"	11°58'12"	11°58'12"	2°35'18"	18°38'18"	8°35'25"	25°41'11"	9°20'20"	9°20'20"	16°18'10"	10°13'37"	S 1
S 2	18 38 37	10° 6'34"	23°39'23"	2°18'13"	13°24'15"	15°45'12"	12°10'2°36'	18°38'8°33'	25°42'9°20'	9°17'16°18'	10°34'10°34'	S 2				S 2
M 3	18 42 34	11° 3'51"	7°8'31"	3°49'14°35'	16°28'12°23'	2°37'18°39'	8°32'25°44'	9°20'9°14'	16°24'10°31'	M 3						M 3
T 4	18 46 30	12° 1'09"	21°11'51°17'	5°17'15°46'	17°10'12°35'	2°38'18°39'	8°31'25°45'	9°20'9°10'	16°31'10°28'	T 4						T 4
W 5	18 50 27	12°58'27"	4°11'37"	6°42'16°57'	17°53'12°47'	2°39'18°39'	8°29'25°46'	9°21'9° 7'	16°38'10°25'	W 5						W 5
T 6	18 54 23	13°55'44"	17°49'8° 5'	18° 8'18°35'	12°59'2°40'	18°40'8°27'	25°48'9°21'	9° 4'16°45'	10°22'10°19'	T 6						T 6
F 7	18 58 20	14°53'02"	0°54'47"	9°26'19°19'	19°18'13°12'	2°41'18°40'	8°26'25°49'	9°21'9° 1'	16°51'10°19'	F 7						F 7
S 8	19 2 17	15°50'19"	13°32'10°43'	20°30'20° 0'	13°24'2°41'	18°41'8°24'	25°50'9°R21'	8°58'16°58'	10°16'10°16'	S 8						S 8
S 9	19 6 13	16°47'35"	26° 3'11°58'	21°41'20°42'	13°37'2°42'	18°42'8°23'	25°52'9°21'	8°54'17° 5'	10°13'10°13'	S 9						S 9
M10	19 10 10	17°44'52"	8°12'31°10'	22°52'21°25'	13°49'2°43'	18°42'8°21'	25°53'9°20'	8°51'17°11'	10°10'10°10'	M10						M10
T 11	19 14 6	18°42'08"	20°31'14°20'	24° 3'22° 7'	14° 2'2°43'	18°43'8°19'	25°54'9°19'	8°48'17°18'	10° 7'10° 7'	T 11						T 11
W12	19 18 3	19°39'24"	2°11'32'15°26'	25°14'22°49'	14°14'2°43'	18°44'8°18'	25°56'9°18'	8°45'17°25'	10° 4'10° 4'	W12						W12
T 13	19 21 59	20°36'39"	14°26'16°29'	26°24'23°31'	14°27'2°43'	18°45'8°16'	25°57'9°16'	8°42'17°32'	10° 0'10° 0'	T 13						T 13
F 14	19 25 56	21°33'54"	26°18'17°30'	27°35'24°13'	14°40'2°R43'	18°46'8°15'	25°58'9°15'	8°39'17°38'	9°57'9°57'	F 14						F 14
S 15	19 29 52	22°31'09"	8°11'18°27'	28°46'24°55'	14°52'2°43'	18°46'8°13'	25°59'9°14'	8°35'17°45'	9°54'9°54'	S 15						S 15
S 16	19 33 49	23°28'23"	20°10'19°21'	29°56'25°37'	15° 5'2°43'	18°47'8°11'	26° 1'9°D13'	8°32'17°52'	9°50'9°50'	S 16						S 16
M17	19 37 45	24°25'37"	2°11'19'20°12'	1°11'26°18'	15°18'2°43'	18°49'8°10'	26° 2'9°13'	8°29'17°58'	9°47'9°47'	M17						M17
T 18	19 41 42	25°22'51"	14°43'20°59'	2°17'27° 0'	15°31'2°43'	18°50'8° 8'	26° 3'9°14'	8°26'18° 5'	9°44'9°44'	T 18						T 18
W19	19 45 39	26°20'05"	27°26'21°42'	3°27'27°42'	15°44'2°42'	18°51'8° 7'	26° 4'9°15'	8°23'18°12'	9°40'9°40'	W19						W19
T 20	19 49 35	27°17'19"	10°11'30'22°22'	4°37'28°23'	15°57'2°42'	18°52'8° 5'	26° 6'9°17'	8°20'18°19'	9°37'9°37'	T 20						T 20
F 21	19 53 32	28°14'33"	23°59'22°58'	5°47'29° 5'	16° 9'2°41'	18°53'8° 4'	26° 7'9°18'	8°16'18°25'	9°33'9°33'	F 21						F 21
S 22	19 57 28	29°11'46"	7°35'23°30'	6°57'29°47'	16°22'2°40'	18°55'8° 2'	26° 8'9°R18'	8°13'18°32'	9°30'9°30'	S 22						S 22
S 23	20 1 25	0°12'00"	22° 9'23°57'	8° 7'0°52'	16°35'2°39'	18°56'8° 1'	26° 9'9°18'	8°10'18°39'	9°27'9°27'	S 23						S 23
M24	20 5 21	1° 6'14"	6°11'24°21'	9°17'1° 9'	16°48'2°39'	18°57'7°59'	26°10'9°17'	8° 7'18°45'	9°23'9°23'	M24						M24
T 25	20 9 18	2° 3'28"	21°32'24°40'	10°27'1°51'	17° 1'2°37'	18°59'7°58'	26°12'9°14'	8° 4'18°52'	9°20'9°20'	T 25						T 25
W26	20 13 15	3° 0'42"	6°11'25'24°54'	11°36'2°32'	17°14'2°36'	19° 0'7°57'	26°13'9°11'	8° 0'18°59'	9°16'9°16'	W26						W26
T 27	20 17 11	3°57'57"	21°15'25° 4'	12°46'3°13'	17°27'2°35'	19° 2'7°55'	26°14'9° 8'	7°57'19° 6'	9°13'9°13'	T 27						T 27
F 28	20 21 8	4°55'12"	5°11'25° 9'	13°55'3°54'	17°40'2°34'	19° 3'7°54'	26°15'9° 5'	7°54'19°12'	9° 9'9° 9'	F 28						F 28
S 29	20 25 4	5°52'28"	20°18'25°R 9'	15° 5'4°35'	17°53'2°32'	19° 5'7°52'	26°16'9° 3'	7°51'19°19'	9° 6'9° 6'	S 29						S 29
S 30	20 29 1	6°49'44"	4°11'23'25° 4'	16°14'5°16'	18° 7'2°31'	19° 7'7°51'	26°17'9°D 3'	7°48'19°26'	9° 2'9° 2'	S 30						S 30
M31	20 32 57	7°14'47'02"	18°11'8'24°15'4"	17°11'23'5°57'	18°12'20'2°11'29"	19°11'9'7°50'	26°18'9°3'3'	7°45'19°11'32"	8°58'8°58'	M31						M31

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	23n 2	8n39	5n17	21n38	1n45	18n51	1n50	22n36	0n 5	17n41	0n34	0s55	2s 7	6s41	0n39	21s56	1n 9	13n49	9s28	23s 2	23s 2	1n 4	10s29	7n18			
S 2	22 58	13 54	5 7	21 13	1 40	18 30	1 50	22 41	0 6	17 38	0 34	0 55	2 7	6 41	0 39	21 56	1 9	13 49	9 28	23 2	23 2	1 1	10 29	7 18			
M 3	22 54	18 23	4 40	20 46	1 35	18 10	1 50	22 46	0 6	17 34	0 34	0 54	2 7	6 41	0 39	21 56	1 9	13 49	9 28	23 2	23 2	0 58	10 30	7 19			
T 4	22 49	21 48	3 56	20 19	1 29	17 48	1 50	22 51	0 7	17 31	0 34	0 54	2 7	6 41	0 39	21 57	1 9	13 49	9 28	23 2	23 2	0 55	10 30	7 19			
W 5	22 44	23 57	3 1	19 51	1 22	17 27	1 50	22 56	0 8	17 28	0 34	0 54	2 8	6 41	0 39	21 57	1 9	13 49	9 28	23 2	23 3	0 52	10 31	7 19			
T 6	22 38	24 44	1 57	19 23	1 15	17 4	1 49	23 0	0 8	17 24	0 34	0 54	2 8	6 41	0 39	21 57	1 9	13 49	9 28	23 2	23 3	0 49	10 31	7 19			
F 7	22 32	24 9	0 47	18 54	1 7	16 42	1 49	23 5	0 9	17 21	0 34	0 54	2 8	6 42	0 39	21 57	1 9	13 49	9 28	23 2	23 3	0 47	10 32	7 19			
S 8	22 25	22 17	0s23	18 25	0 58	16 19	1 48	23 9	0 10	17 17	0 34	0 54	2 8	6 42	0 39	21 57	1 9	13 49	9 28	23 2	23 3	0 44	10 32	7 20			
S 9	22 18	19 22	1 31	17 56	0 49	15 55	1 48	23 12	0 10	17 14	0 34	0 54	2 9	6 42	0 39	21 57	1 9	13 49	9 28	23 2	23 3	0 41	10 33	7 20			
M10	22 11	15 38	2 34	17 26	0 40	15 32	1 47	23 16	0 11	17 10	0 34	0 54	2 9	6 42	0 39	21 57	1 9	13 49	9 28	23 2	23 4	0 38	10 34	7 20			
T 11	22 3	11 18	3 29	16 57	0 30	15 7	1 46	23 19	0 12	17 6	0 34	0 54	2 9	6 43	0 39	21 57	1 9	13 49	9 28	23 2	23 4	0 35	10 34	7 20			
W12	21 55	6 35	4 13	16 27	0 19	14 43	1 45	23 22	0 13	17 3	0 34	0 54	2 9	6 43	0 39	21 57	1 9	13 49	9 28	23 2	23 4	0 32	10 35	7 20			
T 13	21 47	1 41	4 47	15 58	0 8	14 18	1 44	23 25	0 13	16 59	0 34	0 54	2 10	6 44	0 38	21 58	1 9	13 49	9 28	23 2	23 4	0 29	10 36	7 21			
F 14	21 38	3s15	5 8	15 29	0s 3	13 53	1 43	23 28	0 14	16 56	0 34	0 55	2 10	6 44	0 38	21 58	1 9	13 49	9 29	23 2	23 5	0 26	10 36	7 21			
S 15	21 29	8 5	5 16	15 0	0 15	13 27	1 42	23 30	0 15	16 52	0 34	0 55	2 10	6 44	0 38	21 58	1 8	13 49	9 29	23 2	23 5	0 24	10 37	7 21			
S 16	21 19	12 39	5 10	14 32	0 28	13 1	1 40	23 32	0 15	16 48	0 34	0 55	2 11	6 45	0 38	21 58	1 8	13 49	9 29	23 2	23 5	0 21	10 38	7 21			
M17	21 10	16 47	4 51	14 4	0 40	12 35	1 39	23 34	0 16	16 44	0 34	0 56	2 11	6 45	0 38	21 58	1 8	13 49	9 29	23 2	23 5	0 18	10 38	7 21			
T 18	20 59	20 18	4 18	13 37	0 53	12 9	1 37	23 36	0 17	16 41	0 35	0 56	2 11	6 46	0 38	21 58	1 8	13 49	9 29	23 2	23 5	0 15	10 39	7 21			
W19	20 49	22 56	3 31	13 10	1 7	11 42	1 36	23 38	0 17	16 37	0 35	0 56	2 11	6 46	0 38	21 58	1 8	13 49	9 29	23 2	23 6	0 12	10 40	7 21			
T 20	20 38	24 27	2 32	12 44	1 20	11 15	1 34	23 39	0 18	16 33	0 35	0 57	2 12	6 47	0 38	21 58	1 8	13 49	9 29	23 2	23 6	0 9	10 41	7 22			
F 21	20 26	24 37	1 24	12 20	1 34	10 48	1 32	23 40	0 19	16 29	0 35	0 57	2 12	6 47	0 38	21 58	1 8	13 49	9 29	23 2	23 6	0 6	10 41	7 22			
S 22	20 15	23 15	0 8	11 56	1 48	10 20	1 31	23 41	0 20	16 26	0 35	0 58	2 12	6 48	0 38	21 59	1 8	13 49	9 29	23 2	23 6	0 3	10 42	7 22			
S 23	20 3	20 23	1n10	11 34	2 3	9 52	1 29	23 42	0 20	16 22	0 35	0 58	2 12	6 48	0 38	21 59	1 8	13 49	9 29	23 2	23 6	0 0	10 43	7 22			
M24	19 51	16 11	2 25	11 12	2 17	9 24	1 27	23 42	0 21	16 18	0 35	0 59	2 13	6 49	0 38	21 59	1 8	13 49	9 29	23 2	23 7	0s 2	10 44	7 22			
T 25	19 38	10 56	3 32	10 53	2 31	8 56	1 25	23 42	0 22	16 14	0 35	1 0	2 13	6 49	0 38	21 59	1 8	13 49	9 29	23 2	23 7	0 5	10 45	7 22			
W26	19 25	5 2	4 24	10 34	2 45	8 27	1 22	23 42	0 22	16 10	0 35	1 0	2 13	6 50	0 38	21 59	1 8	13 49	9 29	23 2	23 7	0 8	10 46	7 22			
T 27	19 12	1n 7	4 59	10 18	3 0	7 59	1 20	23 42	0 23	16 6	0 35	1 1	2 13	6 51	0 38	21 59	1 8	13 49	9 29	23 3	23 7	0 11	10 46	7 22			
F 28	18 58	7 8	5 13	10 3	3 14	7 30	1 18	23 42	0 24	16 2	0 35	1 2	2 14	6 51	0 38	21 59	1 8	13 49	9 29	23 3	23 7	0 14	10 47	7 22			
S 29	18 44	12 39	5 8	9 50	3 27	7 1	1 15	23 41	0 24	15 58	0 35	1 3	2 14	6 52	0 38	21 59	1 8	13 49	9 30	23 3	23 7	0 17	10 48	7 22			
S 30	18 30	17 23	4 44	9 39	3 40	6 32	1 13	23 40	0 25	15 54	0 35	1 3	2 14	6 52	0 38	21 59	1 8	13 49	9 30	23 3	23 8	0 20	10 49	7 22			
M31	18n16	21n 4	4n 4	9n30	3s53	6n 2	1n10	23n39	0n26	15n50	0n35	1s 4	2s14	6s53	0n38	22s 0	1n 8	13n49	9s30	23s 3	23s 8	0s22	10s50	7n22			

## ASTRODIENST EPHEMERIS for the year 2643

AUGUST 2643

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 36 54	8♌44'20	1♏33	24°R40	18♍32	6♊38	18♏33	2°R28	19♌10	7°R48	26♏19	9♊4	7♊41	19♍39	8°R55	T 1
W 2	20 40 50	9°41'39	14°41	24♌20	19°41	7°19	18°46	2°Y26	19°12	7♊47	26°20	9°6	7°38	19°46	8°51	W 2
T 3	20 44 47	10°38'59	27°33	23°57	20°50	8°0	18°59	2°24	19°14	7°46	26°21	9°7	7°35	19°53	8°48	T 3
F 4	20 48 44	11°36'20	10♏11	23°29	21°59	8°41	19°12	2°22	19°16	7°44	26°22	9°R7	7°32	19°59	8°44	F 4
S 5	20 52 40	12°33'41	22°37	22°57	23°8	9°22	19°26	2°20	19°18	7°43	26°24	9°7	7°29	20°6	8°41	S 5
S 6	20 56 37	13°31'03	4♌54	22°21	24°16	10°2	19°39	2°18	19°20	7°42	26°25	9°4	7°26	20°13	8°37	S 6
M 7	21 0 33	14°28'25	17°2	21°42	25°25	10°43	19°52	2°16	19°22	7°41	26°26	9°0	7°22	20°19	8°34	M 7
T 8	21 4 30	15°25'49	29°3	21°1	26°33	11°23	20°5	2°13	19°24	7°39	26°26	8°54	7°19	20°26	8°30	T 8
W 9	21 8 26	16°23'12	10♍59	20°18	27°42	12°4	20°18	2°11	19°26	7°38	26°27	8°48	7°16	20°33	8°27	W 9
T 10	21 12 23	17°20'37	22°51	19°34	28°50	12°44	20°32	2°8	19°29	7°37	26°28	8°41	7°13	20°40	8°23	T 10
F 11	21 16 19	18°18'02	4♌42	18°49	29°58	13°24	20°45	2°6	19°31	7°36	26°29	8°34	7°10	20°46	8°20	F 11
S 12	21 20 16	19°15'27	16°35	18°5	1♌6	14°5	20°58	2°3	19°33	7°35	26°30	8°28	7°6	20°53	8°16	S 12
S 13	21 24 13	20°12'54	28°33	17°22	2°14	14°45	21°11	2°0	19°35	7°34	26°31	8°24	7°3	21°0	8°13	S 13
M14	21 28 9	21°10'20	10♌40	16°41	3°21	15°25	21°25	1°57	19°38	7°33	26°32	8°22	7°0	21°6	8°10	M14
T 15	21 32 6	22°7'48	23°0	16°3	4°29	16°5	21°38	1°55	19°40	7°32	26°33	8°D21	6°57	21°13	8°6	T 15
W16	21 36 2	23°5'16	5♌38	15°28	5°36	16°45	21°51	1°52	19°43	7°31	26°34	8°22	6°54	21°20	8°3	W16
T 17	21 39 59	24°2'45	18°39	14°58	6°44	17°25	22°4	1°48	19°45	7°30	26°35	8°23	6°51	21°27	8°0	T 17
F 18	21 43 55	25°0'15	2♊5	14°33	7°51	18°5	22°17	1°45	19°48	7°29	26°35	8°R24	6°47	21°33	7°56	F 18
S 19	21 47 52	25°57'45	16°0	14°13	8°58	18°45	22°31	1°42	19°50	7°28	26°36	8°24	6°44	21°40	7°53	S 19
S 20	21 51 48	26°55'16	0♌22	13°59	10°5	19°25	22°44	1°39	19°53	7°27	26°37	8°22	6°41	21°47	7°50	S 20
M21	21 55 45	27°52'48	15°8	13°51	11°11	20°4	22°57	1°35	19°55	7°26	26°38	8°18	6°38	21°53	7°47	M21
T 22	21 59 42	28°50'21	0♌12	13°D51	12°18	20°44	23°10	1°32	19°58	7°25	26°38	8°13	6°35	22°0	7°43	T 22
W23	22 3 38	29°47'55	15°25	13°57	13°24	21°24	23°23	1°29	20°1	7°24	26°39	8°5	6°32	22°7	7°40	W23
T 24	22 7 35	0♍45'30	0°Y36	14°10	14°31	22°3	23°37	1°25	20°4	7°23	26°40	7°58	6°28	22°14	7°37	T 24
F 25	22 11 31	1°43'07	15°35	14°30	15°37	22°43	23°50	1°21	20°6	7°23	26°41	7°50	6°25	22°20	7°34	F 25
S 26	22 15 28	2°40'44	0♌13	14°57	16°43	23°22	24°3	1°18	20°9	7°22	26°41	7°45	6°22	22°27	7°31	S 26
S 27	22 19 24	3°38'24	14°28	15°32	17°48	24°2	24°16	1°14	20°12	7°21	26°42	7°41	6°19	22°34	7°28	S 27
M28	22 23 21	4°36'05	28°15	16°13	18°54	24°41	24°29	1°10	20°15	7°20	26°43	7°39	6°16	22°40	7°25	M28
T 29	22 27 17	5°33'47	11♏37	17°2	19°59	25°20	24°42	1°6	20°18	7°20	26°43	7°D39	6°12	22°47	7°22	T 29
W30	22 31 14	6°31'32	24°37	17°58	21°5	25°59	24°55	1°2	20°21	7°19	26°44	7°40	6°9	22°54	7°19	W30
T 31	22 35 11	7♍29'17	7♏17	19♌0	22♌10	26♊38	25♌8	0°Y58	20♌24	7♊18	26♏44	7°R41	6♊6	23♍1	7♌16	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	18n 1	23n31	3n11	9n24	4s 5	5n33	1n 7	23n38	0n26	15n46	0n35	1s 5	2s15	6s54	0n38	22s 0
W 2	17 46	24 38	2 10	9 20	4 16	5 3	1 4	23 36	0 27	15 42	0 35	1 6	2 15	6 55	0 38	22 0
T 3	17 30	24 23	1 3	9 18	4 27	4 34	1 1	23 35	0 28	15 38	0 35	1 7	2 15	6 55	0 38	22 0
F 4	17 15	22 52	0s 6	9 18	4 46	4 4	0 58	23 33	0 29	15 34	0 35	1 8	2 15	6 56	0 38	22 0
S 5	16 59	20 16	1 13	9 21	4 44	3 34	0 55	23 31	0 29	15 30	0 36	1 9	2 16	6 57	0 38	22 0
S 6	16 42	16 47	2 16	9 26	4 50	3 4	0 52	23 29	0 30	15 26	0 36	1 10	2 16	6 58	0 38	22 0
M 7	16 26	12 38	3 12	9 33	4 56	2 34	0 49	23 26	0 31	15 22	0 36	1 11	2 16	6 59	0 38	22 0
T 8	16 9	8 2	3 58	9 43	4 59	2 4	0 45	23 23	0 31	15 18	0 36	1 12	2 16	6 59	0 37	22 0
W 9	15 52	3 11	4 34	9 54	5 1	1 33	0 42	23 21	0 32	15 14	0 36	1 13	2 16	7 0	0 37	22 0
T 10	15 35	1s44	4 58	10 8	5 1	1 3	0 38	23 18	0 33	15 10	0 36	1 15	2 17	7 1	0 37	22 1
F 11	15 17	6 35	5 9	10 23	4 59	0 33	0 35	23 14	0 33	15 6	0 36	1 16	2 17	7 2	0 37	22 1
S 12	15 0	11 13	5 6	10 40	4 56	0 3	0 31	23 11	0 34	15 2	0 36	1 17	2 17	7 3	0 37	22 1
S 13	14 42	15 27	4 51	10 57	4 51	0s28	0 27	23 7	0 35	14 57	0 36	1 18	2 17	7 4	0 37	22 1
M14	14 24	19 7	4 22	11 16	4 44	0 58	0 24	23 3	0 36	14 53	0 36	1 20	2 18	7 5	0 37	22 1
T 15	14 5	22 1	3 41	11 36	4 35	1 28	0 20	22 59	0 36	14 49	0 36	1 21	2 18	7 6	0 37	22 1
W16	13 46	23 55	2 48	11 55	4 25	1 59	0 16	22 55	0 37	14 45	0 36	1 23	2 18	7 7	0 37	22 1
T 17	13 28	24 37	1 45	12 15	4 13	2 29	0 12	22 51	0 38	14 41	0 36	1 24	2 18	7 8	0 37	22 1
F 18	13 9	23 54	0 34	12 35	4 0	2 59	0 7	22 46	0 38	14 36	0 36	1 25	2 18	7 8	0 37	22 1
S 19	12 49	21 44	0n41	12 54	3 46	3 29	0 3	22 42	0 39	14 32	0 37	1 27	2 19	7 9	0 37	22 1
S 20	12 30	18 7	1 55	13 12	3 31	4 0	0s 1	22 37	0 40	14 28	0 37	1 28	2 19	7 11	0 37	22 1
M21	12 10	13 18	3 4	13 30	3 15	4 30	0 5	22 32	0 40	14 24	0 37	1 30	2 19	7 12	0 37	22 2
T 22	11 50	7 35	4 2	13 46	2 58	5 0	0 10	22 26	0 41	14 20	0 37	1 31	2 19	7 13	0 37	22 2
W23	11 30	1 23	4 43	14 0	2 41	5 30	0 14	22 21	0 42	14 15	0 37	1 33	2 19	7 14	0 37	22 2
T 24	11 10	4n53	5 3	14 13	2 24	5 59	0 19	22 15	0 42	14 11	0 37	1 34	2 20	7 15	0 37	22 2
F 25	10 50	10 46	5 3	14 24	2 7	6 29	0 23	22 10	0 43	14 7	0 37	1 36	2 20	7 16	0 37	22 2
S 26	10 29	15 55	4 43	14 33	1 49	6 59	0 28	22 4	0 44	14 3	0 37	1 38	2 20	7 17	0 37	22 2
S 27	10 8	20 2	4 6	14 39	1 32	7 28	0 33	21 58	0 45	13 58	0 37	1 39	2 20	7 18	0 37	22 2
M28	9 47	22 52	3 15	14 43	1 15	7 57	0 38	21 51	0 45	13 54	0 37	1 41	2 20	7 19	0 37	22 2
T 29	9 26	24 20	2 15	14 45	0 58	8 27	0 42	21 45	0 46	13 50	0 37	1 43	2 20	7 20	0 37	22 2
W30	9 5	24 24	1 9	14 43	0 42	8 56	0 47	21 38	0 47	13 45	0 37	1 44	2 21	7 21	0 37	22 2
T 31	8n44	23n11	0n 2	14n39	0s27	9s25	0s52	21n32	0n47	13n41	0n38	1s46	2s21	7s22	0n37	22s 2

Julian Day Number = 2686607.5, Delta T = 23m08s

Ecliptic obliquity = 23°21'22, Nutation = 0°00'18

Ayanamsha: Fagan/Bradley = 33°44'34, Lahiri = 32°51'34

# ASTRODIENST EPHEMERIS for the year 2643

SEPTEMBER 2643

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 39 7	8♍27°05	19♌42	20♌ 8	23♌14	27♌17	25♌21	0°R54	20♌27	7°R18	26♌45	7°R40	6♌ 3	23♌ 7	7°R14	F 1
S 2	22 43 4	9°24'54	1♌56	21°23	24°19	27°56	25°35	0°Y50	20°30	7♌17	26°45	7♌37	6° 0	23°14	7♌11	S 2
S 3	22 47 0	10°22'44	14° 0	22°43	25°24	28°35	25°48	0°46	20°33	7°17	26°46	7°32	5°57	23°21	7° 8	S 3
M 4	22 50 57	11°20'36	25°59	24° 9	26°28	29°14	26° 1	0°42	20°36	7°16	26°46	7°24	5°53	23°28	7° 5	M 4
T 5	22 54 53	12°18'29	7♍54	25°39	27°32	29°53	26°13	0°38	20°39	7°16	26°47	7°13	5°50	23°34	7° 3	T 5
W 6	22 58 50	13°16'24	19°47	27°14	28°36	0♌32	26°26	0°33	20°42	7°15	26°47	7° 1	5°47	23°41	7° 0	W 6
T 7	23 2 46	14°14'20	1♌38	28°54	29°39	1°10	26°39	0°29	20°46	7°15	26°48	6°49	5°44	23°48	6°58	T 7
F 8	23 6 43	15°12'17	13°30	0♍36	0♍43	1°49	26°52	0°25	20°49	7°15	26°48	6°37	5°41	23°54	6°55	F 8
S 9	23 10 39	16°10'16	25°25	2°22	1°46	2°28	27° 5	0°20	20°52	7°14	26°49	6°26	5°37	24° 1	6°53	S 9
S 10	23 14 36	17° 8'17	7♍25	4°11	2°49	3° 6	27°18	0°16	20°55	7°14	26°49	6°17	5°34	24° 8	6°51	S 10
M11	23 18 33	18° 6'18	19°32	6° 2	3°51	3°45	27°31	0°12	20°59	7°14	26°49	6°11	5°31	24°15	6°48	M11
T 12	23 22 29	19° 4'22	1♌51	7°55	4°54	4°23	27°43	0° 7	21° 2	7°13	26°50	6° 8	5°28	24°21	6°46	T 12
W13	23 26 26	20° 2'26	14°26	9°49	5°56	5° 1	27°56	0° 3	21° 6	7°13	26°50	6° 7	5°25	24°28	6°44	W13
T 14	23 30 22	21° 0'32	27°21	11°44	6°58	5°39	28° 9	29°58	21° 9	7°13	26°50	6°D 7	5°22	24°35	6°42	T 14
F 15	23 34 19	21°58'39	10♌40	13°40	7°59	6°18	28°21	29°54	21°12	7°13	26°51	6°R 7	5°18	24°41	6°40	F 15
S 16	23 38 15	22°56'48	24°27	15°37	9° 1	6°56	28°34	29°49	21°16	7°13	26°51	6° 6	5°15	24°48	6°38	S 16
S 17	23 42 12	23°54'58	8♌43	17°33	10° 1	7°34	28°47	29°44	21°19	7°13	26°51	6° 3	5°12	24°55	6°36	S 17
M18	23 46 8	24°53'09	23°25	19°29	11° 2	8°12	28°59	29°40	21°23	7°13	26°51	5°57	5° 9	25° 2	6°34	M18
T 19	23 50 5	25°51'22	8♌30	21°25	12° 2	8°49	29°12	29°35	21°26	7°D13	26°51	5°49	5° 6	25° 8	6°32	T 19
W20	23 54 2	26°49'36	23°49	23°21	13° 2	9°27	29°24	29°31	21°30	7°13	26°52	5°38	5° 3	25°15	6°31	W20
T 21	23 57 58	27°47'52	9♍ 9	25°15	14° 2	10° 5	29°36	29°26	21°33	7°13	26°52	5°28	4°59	25°22	6°29	T 21
F 22	0 1 55	28°46'10	24°20	27° 9	15° 1	10°43	29°49	29°22	21°37	7°13	26°52	5°17	4°56	25°28	6°27	F 22
S 23	0 5 51	29°44'30	9♌12	29° 3	16° 0	11°20	0♍ 1	29°17	21°40	7°13	26°52	5° 9	4°53	25°35	6°26	S 23
S 24	0 9 48	0♌42'52	23°38	0♌55	16°58	11°58	0°13	29°12	21°44	7°13	26°52	5° 3	4°50	25°42	6°24	S 24
M25	0 13 44	1°41'16	7♍34	2°47	17°56	12°35	0°25	29° 8	21°48	7°13	26°52	4°59	4°47	25°49	6°23	M25
T 26	0 17 41	2°39'43	21° 0	4°37	18°54	13°13	0°38	29° 3	21°51	7°13	26°52	4°58	4°43	25°55	6°22	T 26
W27	0 21 37	3°38'11	4♌ 1	6°27	19°51	13°50	0°50	28°59	21°55	7°14	26°R52	4°57	4°40	26° 2	6°20	W27
T 28	0 25 34	4°36'41	16°38	8°15	20°48	14°27	1° 2	28°54	21°58	7°14	26°52	4°57	4°37	26° 9	6°19	T 28
F 29	0 29 31	5°35'14	28°59	10° 3	21°44	15° 4	1°14	28°49	22° 2	7°14	26°52	4°56	4°34	26°16	6°18	F 29
S 30	0 33 27	6♌33'48	11♌ 6	11♌49	22♍40	15♌42	1♍26	28°45	22♌ 6	7♌14	26♍52	4♌52	4♌31	26♍22	6♌17	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
F 1	8n22	20n52	1 s 4	14n32	0s12	9s53	0s57	21n25	0n48	13n37	0n38	1s48	2s21	7s24	0n37	F 1
S 2	8 1	17 37	2 6	14 22	0n 3	10 22	1 2	21 18	0 49	13 33	0 38	1 50	2 21	7 25	0 37	S 2
S 3	7 39	13 41	3 1	14 9	0 16	10 50	1 7	21 11	0 49	13 28	0 38	1 51	2 21	7 26	0 37	S 3
M 4	7 17	9 14	3 47	13 53	0 29	11 18	1 13	21 3	0 50	13 24	0 38	1 53	2 21	7 27	0 37	M 4
T 5	6 55	4 30	4 24	13 34	0 41	11 46	1 18	20 56	0 51	13 20	0 38	1 55	2 21	7 28	0 37	T 5
W 6	6 33	0s23	4 48	13 12	0 52	12 14	1 23	20 48	0 52	13 15	0 38	1 57	2 22	7 30	0 37	W 6
T 7	6 11	5 15	5 0	12 47	1 2	12 41	1 28	20 41	0 52	13 11	0 38	1 58	2 22	7 31	0 37	T 7
F 8	5 49	9 55	4 59	12 19	1 10	13 9	1 34	20 33	0 53	13 7	0 38	2 0	2 22	7 32	0 37	F 8
S 9	5 26	14 13	4 46	11 49	1 18	13 36	1 39	20 25	0 54	13 3	0 38	2 2	2 22	7 33	0 37	S 9
S 10	5 4	18 1	4 19	11 16	1 25	14 2	1 44	20 17	0 54	12 58	0 39	2 4	2 22	7 35	0 36	S 10
M11	4 41	21 5	3 40	10 41	1 31	14 29	1 50	20 8	0 55	12 54	0 39	2 6	2 22	7 36	0 36	M11
T 12	4 19	23 15	2 51	10 3	1 36	14 55	1 55	20 0	0 56	12 50	0 39	2 8	2 22	7 37	0 36	T 12
W13	3 56	24 19	1 52	9 24	1 40	15 21	2 0	19 51	0 56	12 45	0 39	2 10	2 22	7 38	0 36	W13
T 14	3 33	24 6	0 46	8 44	1 43	15 46	2 6	19 43	0 57	12 41	0 39	2 11	2 22	7 40	0 36	T 14
F 15	3 10	22 32	0n24	8 1	1 45	16 12	2 11	19 34	0 58	12 37	0 39	2 13	2 22	7 41	0 36	F 15
S 16	2 47	19 35	1 35	7 18	1 47	16 37	2 17	19 25	0 58	12 33	0 39	2 15	2 23	7 42	0 36	S 16
S 17	2 24	15 24	2 43	6 33	1 47	17 1	2 22	19 16	0 59	12 28	0 39	2 17	2 23	7 44	0 36	S 17
M18	2 2	10 10	3 42	5 47	1 47	17 26	2 28	19 7	1 0	12 24	0 39	2 19	2 23	7 45	0 36	M18
T 19	1 39	4 13	4 27	5 1	1 46	17 50	2 33	18 58	1 1	12 20	0 40	2 21	2 23	7 46	0 36	T 19
W20	1 15	2n 3	4 54	4 14	1 45	18 13	2 39	18 49	1 1	12 16	0 40	2 23	2 23	7 47	0 36	W20
T 21	0 52	8 13	5 0	3 27	1 43	18 37	2 44	18 39	1 2	12 12	0 40	2 25	2 23	7 49	0 36	T 21
F 22	0 29	13 48	4 44	2 39	1 40	18 59	2 50	18 30	1 3	12 7	0 40	2 26	2 23	7 50	0 36	F 22
S 23	0 6	18 27	4 10	1 52	1 37	19 22	2 55	18 20	1 3	12 3	0 40	2 28	2 23	7 52	0 36	S 23
S 24	0s17	21 50	3 20	1 4	1 33	19 44	3 1	18 10	1 4	11 59	0 40	2 30	2 23	7 53	0 36	S 24
M25	0 40	23 47	2 19	0 16	1 29	20 6	3 6	18 0	1 5	11 55	0 40	2 32	2 23	7 54	0 36	M25
T 26	1 3	24 16	1 13	0s32	1 25	20 27	3 12	17 50	1 5	11 51	0 40	2 34	2 23	7 56	0 36	T 26
W27	1 26	23 23	0 5	1 19	1 20	20 48	3 17	17 40	1 6	11 46	0 41	2 36	2 23	7 57	0 36	W27
T 28	1 50	21 19	1s 1	2 7	1 15	21 9	3 23	17 30	1 7	11 42	0 41	2 38	2 23	7 58	0 36	T 28
F 29	2 13	18 17	2 3	2 54	1 10	21 29	3 28	17 20	1 8	11 38	0 41	2 39	2 23	8 0	0 36	F 29
S 30	2s36	14n31	2s58	3s41	1n 4	21s49	3s33	17n10	1n 8	11n34	0n41	2s41	2s23	8s 1	0n36	S 30

Julian Day Number = 2686638.5, Delta T = 23m08s  
 Ecliptic obliquity = 23°21'22, Nutation = 0°00'18  
 Ayanamsha: Fagan/Bradley = 33°44'38, Lahiri = 32°51'38

# ASTRODIENST EPHEMERIS for the year 2643

OCTOBER 2643

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 37 24	7♂32'25	23♂ 4	13♂34	23♂36	16♂19	1♂37	28°R40	22♂10	7♂15	26°R52	4°R46	4♂28	26♂29	6°R16	S 1
M 2	0 41 20	8°31'04	4♂58	15°19	24°31	16°56	1°49	28°R36	22°13	7°15	26°R52	4♂37	4°24	26°36	6°R15	M 2
T 3	0 45 17	9°29'45	16°49	17° 2	25°25	17°32	2° 1	28°31	22°17	7°16	26°52	4°25	4°21	26°42	6°14	T 3
W 4	0 49 13	10°28'27	28°41	18°45	26°19	18° 9	2°13	28°27	22°21	7°16	26°52	4°12	4°18	26°49	6°13	W 4
T 5	0 53 10	11°27'12	10♂34	20°26	27°12	18°46	2°24	28°22	22°24	7°17	26°51	3°57	4°15	26°56	6°13	T 5
F 6	0 57 6	12°25'59	22°31	22° 7	28° 5	19°23	2°36	28°18	22°28	7°17	26°51	3°43	4°12	27° 3	6°12	F 6
S 7	1 1 3	13°24'47	4♂32	23°46	28°57	19°59	2°47	28°14	22°32	7°18	26°51	3°31	4° 9	27° 9	6°12	S 7
S 8	1 4 59	14°23'38	16°38	25°25	29°48	20°36	2°59	28° 9	22°36	7°18	26°51	3°21	4° 5	27°16	6°11	S 8
M 9	1 8 56	15°22'30	28°53	27° 2	0♂39	21°12	3°10	28° 5	22°39	7°19	26°51	3°14	4° 2	27°23	6°11	M 9
T 10	1 12 53	16°21'24	11♂17	28°39	1°29	21°49	3°21	28° 1	22°43	7°20	26°50	3° 9	3°59	27°29	6°10	T 10
W 11	1 16 49	17°20'20	23°55	0♂15	2°19	22°25	3°32	27°57	22°47	7°20	26°50	3° 7	3°56	27°36	6°10	W 11
T 12	1 20 46	18°19'18	6♂49	1°50	3° 8	23° 1	3°43	27°52	22°51	7°21	26°50	3°D 7	3°53	27°43	6°10	T 12
F 13	1 24 42	19°18'17	20° 4	3°24	3°55	23°37	3°54	27°48	22°55	7°22	26°49	3°R 7	3°49	27°50	6°10	F 13
S 14	1 28 39	20°17'18	3♂42	4°58	4°43	24°13	4° 5	27°44	22°58	7°23	26°49	3° 7	3°46	27°56	6°D10	S 14
S 15	1 32 35	21°16'21	17°45	6°30	5°29	24°49	4°16	27°40	23° 2	7°24	26°49	3° 4	3°43	28° 3	6°10	S 15
M 16	1 36 32	22°15'25	2♂14	8° 2	6°14	25°25	4°27	27°36	23° 6	7°24	26°48	2°59	3°40	28°10	6°10	M 16
T 17	1 40 28	23°14'31	17° 5	9°33	6°59	26° 1	4°38	27°32	23°10	7°25	26°48	2°52	3°37	28°17	6°10	T 17
W 18	1 44 25	24°13'39	2°V12	11° 3	7°42	26°36	4°48	27°28	23°14	7°26	26°47	2°43	3°34	28°23	6°11	W 18
T 19	1 48 22	25°12'49	17°24	12°32	8°25	27°12	4°59	27°25	23°17	7°27	26°47	2°33	3°30	28°30	6°11	T 19
F 20	1 52 18	26°12'00	2♂33	14° 1	9° 6	27°48	5° 9	27°21	23°21	7°28	26°46	2°23	3°27	28°37	6°11	F 20
S 21	1 56 15	27°11'14	17°26	15°28	9°47	28°23	5°20	27°17	23°25	7°29	26°46	2°15	3°24	28°43	6°12	S 21
S 22	2 0 11	28°10'30	1♂57	16°55	10°26	28°58	5°30	27°13	23°29	7°30	26°45	2° 9	3°21	28°50	6°12	S 22
M 23	2 4 8	29° 9'48	15°59	18°21	11° 4	29°34	5°40	27°10	23°32	7°31	26°45	2° 5	3°18	28°57	6°13	M 23
T 24	2 8 4	0♂9'09	29°33	19°46	11°41	0♂9	5°50	27° 6	23°36	7°32	26°44	2°D 4	3°15	29° 4	6°14	T 24
W 25	2 12 1	1° 8'31	12♂39	21°10	12°17	0°44	6° 0	27° 3	23°40	7°33	26°44	2° 5	3°11	29°10	6°15	W 25
T 26	2 15 57	2° 7'56	25°21	22°34	12°51	1°19	6°10	27° 0	23°44	7°35	26°43	2° 5	3° 8	29°17	6°16	T 26
F 27	2 19 54	3° 7'23	7♂43	23°56	13°25	1°54	6°20	26°56	23°48	7°36	26°43	2°R 5	3° 5	29°24	6°16	F 27
S 28	2 23 51	4° 6'53	19°50	25°18	13°56	2°28	6°29	26°53	23°51	7°37	26°42	2° 4	3° 2	29°31	6°18	S 28
S 29	2 27 47	5° 6'24	1♂47	26°38	14°27	3° 3	6°39	26°50	23°55	7°38	26°41	2° 0	2°59	29°37	6°19	S 29
M 30	2 31 44	6° 5'58	13°40	27°57	14°55	3°38	6°48	26°47	23°59	7°40	26°41	1°54	2°55	29°44	6°20	M 30
T 31	2 35 40	7♂5'34	25♂30	29♂15	15♂23	4♂12	6♂58	26♂44	24♂ 3	7♂41	26♂40	1♂46	2♂52	29♂51	6°21	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	2s59	10n14	3s45	4s27	0n58	22s 8	3s39	16n59	1n 9	11n30	0n41	2s43	2s23	8s 2	0n36	22s 4
M 2	3 22	5 36	4 21	5 13	0 52	22 27	3 44	16 49	1 10	11 26	0 41	2 45	2 23	8 4	0 36	22 4
T 3	3 45	0 48	4 46	5 58	0 46	22 45	3 49	16 38	1 10	11 22	0 41	2 47	2 23	8 5	0 36	22 4
W 4	4 8	4s 2	4 58	6 43	0 39	23 3	3 54	16 28	1 11	11 18	0 42	2 48	2 23	8 7	0 36	22 4
T 5	4 31	8 44	4 58	7 27	0 32	23 21	4 0	16 17	1 12	11 14	0 42	2 50	2 23	8 8	0 36	22 4
F 6	4 54	13 7	4 44	8 11	0 26	23 38	4 5	16 6	1 13	11 10	0 42	2 52	2 23	8 9	0 36	22 4
S 7	5 17	17 1	4 18	8 54	0 19	23 55	4 10	15 56	1 13	11 6	0 42	2 53	2 23	8 11	0 36	22 4
S 8	5 39	20 15	3 39	9 37	0 12	24 11	4 15	15 45	1 14	11 2	0 42	2 55	2 23	8 12	0 36	22 4
M 9	6 2	22 37	2 50	10 18	0 5	24 27	4 19	15 34	1 15	10 58	0 42	2 57	2 23	8 14	0 36	22 4
T 10	6 25	23 55	1 53	11 0	0s 2	24 42	4 24	15 23	1 15	10 54	0 42	2 58	2 23	8 15	0 36	22 4
W 11	6 47	24 2	0 49	11 40	0 9	24 57	4 29	15 12	1 16	10 50	0 43	3 0	2 23	8 16	0 36	22 4
T 12	7 10	22 51	0n20	12 20	0 17	25 11	4 34	15 0	1 17	10 46	0 43	3 2	2 23	8 18	0 36	22 4
F 13	7 32	20 24	1 29	12 59	0 24	25 25	4 38	14 49	1 18	10 42	0 43	3 3	2 23	8 19	0 36	22 4
S 14	7 54	16 45	2 35	13 37	0 31	25 38	4 43	14 38	1 18	10 39	0 43	3 5	2 23	8 21	0 36	22 4
S 15	8 16	12 4	3 33	14 14	0 38	25 51	4 47	14 27	1 19	10 35	0 43	3 6	2 23	8 22	0 36	22 4
M 16	8 38	6 35	4 20	14 51	0 45	26 3	4 51	14 15	1 20	10 31	0 43	3 8	2 23	8 23	0 36	22 4
T 17	9 0	0 37	4 51	15 27	0 52	26 15	4 55	14 4	1 20	10 27	0 43	3 9	2 22	8 25	0 36	22 4
W 18	9 22	5n30	5 2	16 2	0 59	26 26	4 59	13 53	1 21	10 24	0 44	3 11	2 22	8 26	0 36	22 4
T 19	9 43	11 19	4 52	16 36	1 6	26 37	5 3	13 41	1 22	10 20	0 44	3 12	2 22	8 28	0 36	22 4
F 20	10 5	16 25	4 22	17 9	1 13	26 47	5 7	13 30	1 23	10 16	0 44	3 14	2 22	8 29	0 36	22 4
S 21	10 26	20 24	3 34	17 42	1 20	26 57	5 10	13 18	1 23	10 13	0 44	3 15	2 22	8 30	0 36	22 4
S 22	10 47	22 59	2 33	18 13	1 27	27 6	5 13	13 6	1 24	10 9	0 44	3 16	2 22	8 32	0 36	22 4
M 23	11 8	24 2	1 25	18 44	1 34	27 15	5 17	12 55	1 25	10 5	0 44	3 18	2 22	8 33	0 36	22 4
T 24	11 29	23 35	0 13	19 13	1 40	27 23	5 20	12 43	1 26	10 2	0 45	3 19	2 22	8 35	0 36	22 4
W 25	11 50	21 49	0s56	19 42	1 46	27 31	5 22	12 31	1 26	9 58	0 45	3 20	2 22	8 36	0 36	22 4
T 26	12 10	19 1	2 1	20 10	1 53	27 38	5 25	12 20	1 27	9 55	0 45	3 22	2 22	8 37	0 36	22 4
F 27	12 31	15 24	2 58	20 36	1 59	27 45	5 27	12 8	1 28	9 51	0 45	3 23	2 22	8 39	0 36	22 4
S 28	12 51	11 14	3 47	21 2	2 5	27 51	5 30	11 56	1 29	9 48	0 45	3 24	2 21	8 40	0 36	22 4
S 29	13 11	6 41	4 24	21 27	2 10	27 56	5 31	11 44	1 29	9 45	0 46	3 25	2 21	8 42	0 36	22 4
M 30	13 30	1 56	4 50	21 50	2 16	28 1	5 33	11 33	1 30	9 41	0 46	3 26	2 21	8 43	0 36	22 4
T 31	13s50	2s52	5s 3	22s13	2s21	28s 6	5s34	11n21	1n31	9n38	0n46	3s27	2s21	8s44	0n36	22s 4

Julian Day Number = 2686668.5, Delta T = 23m09s  
 Ecliptic obliquity = 23°21'22, Nutation = 0°00'17  
 Ayanamsha: Fagan/Bradley = 33°44'42, Lahiri = 32°51'42

# ASTRODIENST EPHEMERIS for the year 2643

NOVEMBER 2643

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 39 37	8♌ 5'12	7♋23	0♈32	15♌48	4♏47	7♏ 7	26°R41	24♏ 6	7♋42	26°R39	1°R36	2♋49	29♏57	6♌22	W 1
T 2	2 43 33	9° 4'52	19°21	1°48	16°12	5°21	7°16	26°R41	24°10	7°44	26°R39	1°R36	2°46	0♈ 4	6°24	T 2
F 3	2 47 30	10° 4'34	1♌24	3° 2	16°34	5°55	7°25	26°36	24°14	7°45	26°38	1°16	2°43	0°11	6°25	F 3
S 4	2 51 26	11° 4'19	13°35	4°14	16°55	6°29	7°34	26°33	24°17	7°46	26°37	1° 7	2°40	0°18	6°27	S 4
S 5	2 55 23	12° 4'05	25°54	5°25	17°13	7° 3	7°43	26°31	24°21	7°48	26°36	0°59	2°36	0°24	6°28	S 5
M 6	2 59 20	13° 3'53	8♌22	6°34	17°30	7°37	7°52	26°28	24°25	7°49	26°36	0°55	2°33	0°31	6°30	M 6
T 7	3 3 16	14° 3'43	21° 1	7°40	17°44	8°11	8° 0	26°26	24°28	7°51	26°35	0°52	2°30	0°38	6°32	T 7
W 8	3 7 13	15° 3'35	3♋51	8°45	17°57	8°44	8° 9	26°23	24°32	7°52	26°34	0°D52	2°27	0°44	6°34	W 8
T 9	3 11 9	16° 3'28	16°55	9°47	18° 7	9°18	8°17	26°21	24°36	7°54	26°33	0°53	2°24	0°51	6°36	T 9
F 10	3 15 6	17° 3'23	0♈15	10°46	18°15	9°51	8°25	26°19	24°39	7°55	26°32	0°54	2°20	0°58	6°38	F 10
S 11	3 19 2	18° 3'20	13°51	11°41	18°21	10°25	8°33	26°17	24°43	7°57	26°31	0°R55	2°17	1° 5	6°40	S 11
S 12	3 22 59	19° 3'18	27°46	12°33	18°25	10°58	8°41	26°15	24°46	7°59	26°31	0°55	2°14	1°11	6°42	S 12
M13	3 26 55	20° 3'18	12♋ 0	13°22	18°R26	11°31	8°49	26°14	24°50	8° 0	26°30	0°53	2°11	1°18	6°44	M13
T 14	3 30 52	21° 3'19	26°31	14° 6	18°25	12° 4	8°56	26°12	24°53	8° 2	26°29	0°49	2° 8	1°25	6°46	T 14
W15	3 34 49	22° 3'21	11°V14	14°45	18°21	12°37	9° 4	26°10	24°57	8° 4	26°28	0°44	2° 5	1°32	6°48	W15
T 16	3 38 45	23° 3'26	26° 4	15°18	18°15	13° 9	9°11	26° 9	25° 0	8° 5	26°27	0°38	2° 1	1°38	6°51	T 16
F 17	3 42 42	24° 3'32	10♋52	15°45	18° 6	13°42	9°19	26° 7	25° 4	8° 7	26°26	0°32	1°58	1°45	6°53	F 17
S 18	3 46 38	25° 3'39	25°31	16° 6	17°55	14°14	9°26	26° 6	25° 7	8° 9	26°25	0°27	1°55	1°52	6°56	S 18
S 19	3 50 35	26° 3'49	9♏52	16°19	17°42	14°47	9°33	26° 5	25°11	8°11	26°24	0°24	1°52	1°58	6°58	S 19
M20	3 54 31	27° 4'00	23°52	16°R25	17°26	15°19	9°39	26° 4	25°14	8°12	26°23	0°D23	1°49	2° 5	7° 1	M20
T 21	3 58 28	28° 4'14	7♋27	16°21	17° 8	15°51	9°46	26° 3	25°17	8°14	26°22	0°23	1°46	2°12	7° 4	T 21
W22	4 2 24	29° 4'29	20°37	16° 8	16°48	16°23	9°53	26° 2	25°21	8°16	26°21	0°24	1°42	2°19	7° 6	W22
T 23	4 6 21	0♈ 4'46	3♏24	15°46	16°25	16°54	9°59	26° 1	25°24	8°18	26°20	0°26	1°39	2°25	7° 9	T 23
F 24	4 10 18	1° 5'05	15°50	15°13	16° 0	17°26	10° 5	26° 0	25°27	8°20	26°19	0°27	1°36	2°32	7°12	F 24
S 25	4 14 14	2° 5'25	28° 1	14°30	15°33	17°58	10°11	26° 0	25°30	8°22	26°18	0°R28	1°33	2°39	7°15	S 25
S 26	4 18 11	3° 5'48	10♏ 0	13°37	15° 5	18°29	10°17	25°59	25°34	8°24	26°17	0°28	1°30	2°45	7°18	S 26
M27	4 22 7	4° 6'13	21°54	12°35	14°34	19° 0	10°23	25°59	25°37	8°26	26°16	0°27	1°26	2°52	7°21	M27
T 28	4 26 4	5° 6'39	3♋46	11°25	14° 3	19°31	10°29	25°59	25°40	8°28	26°15	0°24	1°23	2°59	7°24	T 28
W29	4 30 0	6° 7'07	15°40	10° 9	13°30	20° 2	10°34	25°59	25°43	8°30	26°14	0°20	1°20	3° 6	7°27	W29
T 30	4 33 57	7♌ 7'37	27♋41	8♌49	12♌55	20♏33	10♏39	25°D59	25♋46	8♋32	26♏13	0♋16	1♋17	3♋12	7♌31	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	14s 9	7s34	5s 4	22s34	2s26	28s10	5s36	11n 9	1n32	9n35	0n46	3s28	2s21	8s46	0n36	22s 4
T 2	14 28 12	2 4 51	22 54	2 30	28 13	5 36	10 57	1 32	9 32	0 46	3 29	2 21	8 47	0 36	22 4	1 4
F 3	14 47 16	3 4 25	23 13	2 35	28 16	5 37	10 45	1 33	9 28	0 46	3 30	2 21	8 48	0 36	22 4	1 4
S 4	15 6 19	27 3 46	23 31	2 38	28 18	5 37	10 33	1 34	9 25	0 47	3 31	2 20	8 50	0 36	22 4	1 4
S 5	15 24 22	2 2 57	23 47	2 42	28 20	5 37	10 21	1 35	9 22	0 47	3 32	2 20	8 51	0 36	22 4	1 4
M 6	15 42 23	3 1 58	24 3	2 45	28 21	5 36	10 10	1 35	9 19	0 47	3 33	2 20	8 52	0 36	22 4	1 4
T 7	16 0 23	56 0 53	24 16	2 48	28 21	5 35	9 58	1 36	9 16	0 47	3 33	2 20	8 54	0 36	22 3	1 4
W 8	16 18 23	2 0n16	24 29	2 50	28 21	5 34	9 46	1 37	9 13	0 47	3 34	2 20	8 55	0 36	22 3	1 4
T 9	16 35 20	52 1 26	24 40	2 52	28 20	5 32	9 34	1 38	9 10	0 48	3 35	2 20	8 56	0 36	22 3	1 4
F 10	16 52 17	33 2 32	24 50	2 53	28 19	5 30	9 22	1 39	9 8	0 48	3 36	2 20	8 58	0 36	22 3	1 4
S 11	17 9 13	14 3 32	24 58	2 53	28 16	5 27	9 10	1 39	9 5	0 48	3 37	2 19	8 59	0 36	22 3	1 4
S 12	17 25 8	8 4 20	25 5	2 53	28 13	5 24	8 58	1 40	9 2	0 48	3 36	2 19	9 0	0 36	22 3	1 4
M13	17 42 2 30	4 53	25 10	2 52	28 10	5 20	8 47	1 41	8 59	0 48	3 37	2 19	9 1	0 36	22 3	1 4
T 14	17 58 3n21	5 9	25 14	2 51	28 5	5 16	8 35	1 42	8 57	0 49	3 38	2 19	9 3	0 36	22 3	1 4
W15	18 13 9 6	5 5	25 16	2 48	28 0	5 11	8 23	1 42	8 54	0 49	3 38	2 19	9 4	0 36	22 3	1 4
T 16	18 28 14 23	4 40	25 16	2 44	27 54	5 5	8 11	1 43	8 51	0 49	3 39	2 19	9 5	0 36	22 3	1 4
F 17	18 43 18 47	3 57	25 14	2 39	27 48	4 59	8 0	1 44	8 49	0 49	3 39	2 18	9 6	0 36	22 3	1 4
S 18	18 58 21 58	2 58	25 11	2 33	27 40	4 53	7 48	1 45	8 46	0 49	3 40	2 18	9 8	0 36	22 3	1 4
S 19	19 12 23 39	1 50	25 5	2 26	27 32	4 46	7 36	1 46	8 44	0 50	3 40	2 18	9 9	0 36	22 3	1 4
M20	19 26 23 48	0 35	24 57	2 18	27 22	4 38	7 24	1 47	8 42	0 50	3 40	2 18	9 10	0 36	22 3	1 4
T 21	19 40 22 30	0s39	24 46	2 8	27 12	4 29	7 13	1 47	8 39	0 50	3 40	2 18	9 11	0 36	22 3	1 4
W22	19 53 20 0	1 48	24 34	1 56	27 1	4 20	7 1	1 48	8 37	0 50	3 41	2 18	9 13	0 36	22 2	1 4
T 23	20 6 16 33	2 51	24 18	1 43	26 49	4 10	6 50	1 49	8 35	0 51	3 41	2 17	9 14	0 36	22 2	1 4
F 24	20 18 12 28	3 44	24 0	1 28	26 36	4 0	6 38	1 50	8 33	0 51	3 41	2 17	9 15	0 36	22 2	1 4
S 25	20 30 7 58	4 25	23 39	1 12	26 22	3 49	6 27	1 51	8 31	0 51	3 41	2 17	9 16	0 36	22 2	1 4
S 26	20 42 3 15	4 54	23 15	0 54	26 7	3 37	6 15	1 51	8 29	0 51	3 41	2 17	9 17	0 36	22 2	1 3
M27	20 54 1s33	5 10	22 49	0 35	25 52	3 25	6 4	1 52	8 27	0 51	3 41	2 17	9 18	0 36	22 2	1 3
T 28	21 5 6 17	5 13	22 20	0 16	25 35	3 12	5 52	1 53	8 25	0 52	3 41	2 16	9 20	0 36	22 2	1 3
W29	21 15 10 48	5 3	21 49	0n 5	25 18	2 59	5 41	1 54	8 23	0 52	3 41	2 16	9 21	0 36	22 2	1 3
T 30	21s25	14s57	4s39	21s17	0n25	25s 0	2s45	5n30	1n55	8n21	0n52	3s41	2s16	9s22	0n36	22s 2

Julian Day Number = 2686699.5, Delta T = 23m09s  
 Ecliptic obliquity = 23°21'21", Nutation = 0°00'16"  
 Ayanamsha: Fagan/Bradley = 33°44'47", Lahiri = 32°51'46"

## ASTRODIENST EPHEMERIS for the year 2643

DECEMBER 2643

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4 37 53	8♂ 8'08	9♂51	7°R28	12°R20	21♂ 3	10♂44	25♂59	25♂49	8♂34	26°R12	0°R13	1♂14	3♂19	7♂34	F 1
S 2	4 41 50	9° 8'42	22°12	6♂ 7	11♂44	21°34	10°49	25°59	25°52	8°36	26°11	0° 9	1°11	3°26	7°37	S 2
S 3	4 45 47	10° 9'17	4♂45	4°51	11° 8	22° 4	10°54	25°59	25°55	8°38	26° 9	0° 6	1° 7	3°33	7°41	S 3
M 4	4 49 43	11° 9'53	17°32	3°41	10°32	22°34	10°59	25°59	25°58	8°40	26° 8	0° 5	1° 4	3°39	7°44	M 4
T 5	4 53 40	12°10'31	0♂32	2°40	9°55	23° 4	11° 3	26° 0	26° 1	8°42	26° 7	0°D 4	1° 1	3°46	7°48	T 5
W 6	4 57 36	13°11'10	13°45	1°48	9°19	23°33	11° 7	26° 1	26° 4	8°44	26° 6	0° 5	0°58	3°53	7°51	W 6
T 7	5 1 33	14°11'50	27°10	1° 8	8°44	24° 3	11°12	26° 1	26° 7	8°46	26° 5	0° 6	0°55	3°59	7°55	T 7
F 8	5 5 29	15°12'31	10♂47	0°39	8° 9	24°32	11°15	26° 2	26°10	8°48	26° 4	0° 7	0°52	4° 6	7°59	F 8
S 9	5 9 26	16°13'14	24°35	0°21	7°36	25° 1	11°19	26° 3	26°13	8°50	26° 3	0° 8	0°48	4°13	8° 3	S 9
S 10	5 13 23	17°13'57	8♂34	0°D15	7° 3	25°30	11°23	26° 4	26°15	8°52	26° 2	0° 9	0°45	4°20	8° 6	S 10
M11	5 17 19	18°14'41	22°41	0°20	6°32	25°59	11°26	26° 5	26°18	8°54	26° 0	0°R 9	0°42	4°26	8°10	M11
T 12	5 21 16	19°15'26	6♂57	0°34	6° 3	26°28	11°29	26° 6	26°21	8°57	25°59	0° 9	0°39	4°33	8°14	T 12
W13	5 25 12	20°16'12	21°16	0°58	5°36	26°56	11°32	26° 8	26°23	8°59	25°58	0° 8	0°36	4°40	8°18	W13
T 14	5 29 9	21°16'59	5♂38	1°30	5°10	27°24	11°35	26° 9	26°26	9° 1	25°57	0° 7	0°32	4°47	8°22	T 14
F 15	5 33 5	22°17'47	19°56	2°10	4°47	27°52	11°38	26°11	26°28	9° 3	25°56	0° 6	0°29	4°53	8°26	F 15
S 16	5 37 2	23°18'36	4♂ 7	2°56	4°26	28°20	11°40	26°12	26°31	9° 5	25°55	0° 5	0°26	5° 0	8°30	S 16
S 17	5 40 58	24°19'26	18° 6	3°48	4° 7	28°47	11°43	26°14	26°33	9° 7	25°54	0° 4	0°23	5° 7	8°34	S 17
M18	5 44 55	25°20'17	1♂50	4°45	3°50	29°15	11°45	26°16	26°36	9°10	25°52	0°D 4	0°20	5°13	8°38	M18
T 19	5 48 52	26°21'09	15°15	5°47	3°36	29°42	11°47	26°18	26°38	9°12	25°51	0° 4	0°17	5°20	8°43	T 19
W20	5 52 48	27°22'02	28°21	6°52	3°25	0♂ 9	11°48	26°20	26°40	9°14	25°50	0° 5	0°13	5°27	8°47	W20
T 21	5 56 45	28°22'56	11♂ 7	8° 1	3°15	0°35	11°50	26°22	26°43	9°16	25°49	0° 5	0°10	5°34	8°51	T 21
F 22	6 0 41	29°23'51	23°35	9°13	3° 9	1° 2	11°51	26°24	26°45	9°19	25°48	0° 5	0° 7	5°40	8°56	F 22
S 23	6 4 38	0♂24'47	5♂49	10°27	3° 5	1°28	11°52	26°27	26°47	9°21	25°47	0°R 5	0° 4	5°47	9° 0	S 23
S 24	6 8 34	1°25'44	17°51	11°44	3°D 3	1°54	11°53	26°29	26°49	9°23	25°46	0° 5	0° 1	5°54	9° 4	S 24
M25	6 12 31	2°26'42	19°45	13° 2	3° 4	2°19	11°54	26°32	26°51	9°25	25°44	0°D 5	29♂58	6° 0	9° 9	M25
T 26	6 16 27	3°27'41	11♂38	14°22	3° 7	2°45	11°55	26°34	26°53	9°28	25°43	0° 5	29°54	6° 7	9°13	T 26
W27	6 20 24	4°28'42	23°32	15°44	3°13	3°10	11°55	26°37	26°55	9°30	25°42	0° 5	29°51	6°14	9°18	W27
T 28	6 24 21	5°29'43	5♂34	17° 7	3°21	3°34	11°R55	26°40	26°57	9°32	25°41	0° 6	29°48	6°21	9°22	T 28
F 29	6 28 17	6°30'45	17°47	18°31	3°31	3°59	11°55	26°43	26°59	9°34	25°40	0° 6	29°45	6°27	9°27	F 29
S 30	6 32 14	7°31'48	0♂14	19°56	3°44	4°23	11°55	26°46	27° 1	9°37	25°39	0° 7	29°42	6°34	9°32	S 30
S 31	6 36 10	8♂32'52	12♂58	21♂21	3♂58	4♂47	11♂55	26♂49	27♂ 3	9♂39	25♂38	0♂ 8	29♂38	6♂41	9♂36	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	21s35	18s32	4s 2	20s44	0n46	24s41	2s31	5n19	1n56	8n19	0n52	3s40	2s16	9s23	0n36	22s 2	1n 3	13n33	9s46	23s21	23s21	6s 2	12s 0	6n32					
S 2	21 45	21 22	3 14	20 11	1 5	24 22	2 17	5 7	1 57	8 18	0 53	3 40	2 16	9 24	0 36	22 1	1 3	13 33	9 46	23 21	23 21	6 5	11 59	6 31					
S 3	21 54	23 14	2 15	19 40	1 23	24 2	2 2	4 56	1 57	8 16	0 53	3 40	2 15	9 25	0 36	22 1	1 3	13 33	9 46	23 21	23 21	6 7	11 59	6 31					
M 4	22 2	23 55	1 9	19 11	1 39	23 42	1 47	4 45	1 58	8 15	0 53	3 39	2 15	9 26	0 36	22 1	1 3	13 33	9 46	23 21	23 21	6 10	11 58	6 30					
T 5	22 10	23 19	0n 3	18 45	1 54	23 22	1 31	4 34	1 59	8 13	0 53	3 39	2 15	9 27	0 36	22 1	1 3	13 33	9 46	23 21	23 21	6 13	11 58	6 30					
W 6	22 18	21 24	1 15	18 23	2 6	23 1	1 16	4 23	2 0	8 12	0 54	3 39	2 15	9 28	0 36	22 1	1 3	13 32	9 46	23 21	23 21	6 15	11 57	6 30					
T 7	22 25	18 18	2 24	18 5	2 17	22 40	1 0	4 13	2 1	8 10	0 54	3 38	2 15	9 29	0 36	22 1	1 3	13 32	9 46	23 21	23 21	6 18	11 57	6 29					
F 8	22 32	14 9	3 26	17 51	2 25	22 19	0 45	4 2	2 2	8 9	0 54	3 38	2 14	9 30	0 36	22 1	1 3	13 32	9 46	23 21	23 21	6 20	11 56	6 29					
S 9	22 39	9 13	4 18	17 42	2 31	21 59	0 29	3 51	2 3	8 8	0 54	3 37	2 14	9 31	0 36	22 1	1 3	13 32	9 46	23 21	23 21	6 23	11 56	6 28					
S 10	22 45	3 46	4 54	17 36	2 35	21 38	0 14	3 40	2 4	8 7	0 55	3 37	2 14	9 32	0 36	22 1	1 3	13 32	9 46	23 21	23 21	6 26	11 55	6 28					
M11	22 50	1n55	5 14	17 35	2 37	21 18	0n 2	3 30	2 5	8 6	0 55	3 36	2 14	9 33	0 36	22 0	1 3	13 32	9 46	23 21	23 21	6 28	11 55	6 28					
T 12	22 55	7 33	5 14	17 37	2 38	20 58	0 17	3 19	2 6	8 5	0 55	3 35	2 14	9 34	0 36	22 0	1 3	13 32	9 46	23 21	23 21	6 31	11 54	6 27					
W13	23 0	12 50	4 55	17 43	2 37	20 39	0 31	3 9	2 7	8 4	0 55	3 35	2 13	9 35	0 36	22 0	1 3	13 32	9 46	23 21	23 21	6 34	11 53	6 27					
T 14	23 4	17 24	4 18	17 51	2 35	20 20	0 46	2 59	2 7	8 3	0 56	3 34	2 13	9 36	0 36	22 0	1 3	13 32	9 46	23 21	23 21	6 36	11 53	6 26					
F 15	23 8	20 57	3 25	18 2	2 32	20 2	1 0	2 49	2 8	8 2	0 56	3 33	2 13	9 37	0 36	22 0	1 3	13 32	9 46	23 21	23 21	6 39	11 52	6 26					
S 16	23 11	23 10	2 19	18 14	2 29	19 45	1 13	2 38	2 9	8 2	0 56	3 32	2 13	9 38	0 37	22 0	1 3	13 32	9 46	23 21	23 21	6 41	11 51	6 26					
S 17	23 14	23 55	1 6	18 29	2 24	19 29	1 27	2 28	2 10	8 1	0 56	3 31	2 13	9 38	0 37	22 0	1 3	13 32	9 46	23 21	23 21	6 44	11 51	6 25					
M18	23 16	23 11	0s10	18 44	2 19	19 13	1 39	2 18	2 11	8 0	0 57	3 30	2 12	9 39	0 37	22 0	1 3	13 32	9 45	23 21	23 21	6 47	11 50	6 25					
T 19	23 18	21 6	1 23	19 1	2 13	18 58	1 52	2 9	2 12	8 0	0 57	3 30	2 12	9 40	0 37	21 59	1 3	13 32	9 45	23 21	23 21	6 49	11 49	6 25					
W20	23 20	17 58	2 31	19 18	2 7	18 45	2 3	1 59	2 13	7 59	0 57	3 29	2 12	9 41	0 37	21 59	1 3	13 32	9 45	23 21	23 21	6 52	11 49	6 24					
T 21	23 21	14 2	3 29	19 36	2 0	18 32	2 15	1 49	2 14	7 59	0 57	3 27	2 12	9 42	0 37	21 59	1 3	13 32	9 45	23 21	23 21	6 54	11 48	6 24					
F 22	23 21	9 35	4 15	19 54	1 53	18 20	2 25	1 40	2 15	7 59	0 58	3 26	2 12	9 43	0 37	21 59	1 3	13 32	9 45	23 21	23 21	6 57	11 47	6 24					
S 23	23 21	4 52	4 49	20 12	1 45	18 9	2 36	1 30	2 16	7 59	0 58	3 25	2 12	9 43	0 37	21 59	1 3	13 32	9 45	23 21	23 21	6 59	11 46	6 23					
S 24	23 21	0 2	5 10	20 30	1 38	17 59	2 45	1 21	2 17	7 58	0 58	3 24	2 11	9 44	0 37	21 59	1 3	13 32	9 45	23 21	23 21	7 2	11 45	6 23					
M25	23 20	4s45	5 17	20 47	1 30	17 50	2 55	1 12	2 18	7 58	0 58	3 23	2 11	9 45	0 37	21 59	1 3	13 32	9 45	23 21	23 21	7 5	11 45	6 23					
T 26	23 19	9 21	5 11	21 5	1 23	17 42	3 3	1 2	2 19	7 58	0 59	3 22	2 11	9 45	0 37	21 58	1 3	13 32	9 45	23 21	23 21	7 7	11 44	6 23					
W27	23 17	13 37	4 51	21 21	1 15	17 35	3 12	0 53	2 20	7 59	0 59	3 21	2 11	9 46	0 37	21 58	1 3	13 32	9 45	23 21	23 21	7 10	11 43	6 22					
T 28	23 15	17 24	4 19	21 37	1 7	17 29	3 19	0 45	2 21	7 59	0 59	3 19	2 11	9 47	0 37	21 58	1 3	13 33	9 45	23 21	23 21	7 12	11 42	6 22					
F 29	23 12	20 30	3 34	21 53	0 59	17 24	3 27	0 36	2 22	7 59	0 59	3 18	2 10	9 48	0 37	21 58	1 3	13 33	9 45	23 21	23 21	7 15	11 41	6 22					
S 30	23 9	22 42	2 38	22 8	0 51	17 20	3 34	0 27	2 23	7 59	1 0	3 16	2 10	9 48	0 37	21 58	1 3	13 33	9 45	23 21	23 21	7 17	11 40	6 21					
S 31	23s 5	23s49	1s34	22s21	0n43	17s16	3n40	0n19	2n24	8n 0	1n 0	3s15	2s10	9s49	0n37	21s58	1n 3	13n33	9s45	23s21	23s21	7s20	11s39	6n21					



## ASTRODIENST EPHEMERIS for the year 2644

FEBRUARY 2644

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 42 20	11° 7' 59"	15° 47'	11° 11'	24° 53'	14° 17'	10° R 3	29° 14'	27° R32	10° 49'	25° R 6	29° R28	27° 57'	10° 16'	12° 16'	T 1
F 2	8 46 17	12° 9' 03"	0° 22'	12° 52'	25° 49'	14° 27'	9° 57'	29° 20'	27° 32'	10° 51'	25° II 6	29° 21'	27° 54'	10° 23'	12° 22'	F 2
S 3	8 50 13	13° 10' 05"	15° 5'	14° 33'	26° 44'	14° 36'	9° 51'	29° 26'	27° 32'	10° 53'	25° 5'	29° 14'	27° 50'	10° 29'	12° 27'	S 3
S 4	8 54 10	14° 11' 07"	29° 48'	16° 15'	27° 41'	14° 45'	9° 44'	29° 32'	27° 32'	10° 55'	25° 4'	29° 8'	27° 47'	10° 36'	12° 32'	S 4
M 5	8 58 6	15° 12' 07"	14° 24'	17° 58'	28° 38'	14° 53'	9° 37'	29° 38'	27° 32'	10° 57'	25° 4'	29° 2'	27° 44'	10° 43'	12° 37'	M 5
T 6	9 2 3	16° 13' 07"	28° 48'	19° 42'	29° 35'	15° 0'	9° 31'	29° 44'	27° 32'	10° 59'	25° 3'	28° 59'	27° 41'	10° 50'	12° 42'	T 6
W 7	9 5 59	17° 14' 05"	12° 57'	21° 25'	0° 33'	15° 7'	9° 24'	29° 50'	27° 31'	11° 1'	25° 2'	28° D57	27° 38'	10° 56'	12° 47'	W 7
T 8	9 9 56	18° 15' 03"	26° 49'	23° 10'	1° 31'	15° 13'	9° 17'	29° 56'	27° 31'	11° 3'	25° 2'	28° 57'	27° 35'	11° 3'	12° 53'	T 8
F 9	9 13 53	19° 15' 59"	10° 24'	24° 55'	2° 30'	15° 19'	9° 10'	0° 2'	27° 31'	11° 5'	25° 1'	28° 59'	27° 31'	11° 10'	12° 58'	F 9
S 10	9 17 49	20° 16' 54"	23° 45'	26° 40'	3° 29'	15° 24'	9° 3'	0° 8'	27° 30'	11° 6'	25° 0'	28° R59	27° 28'	11° 16'	13° 3'	S 10
S 11	9 21 46	21° 17' 48"	6° 52'	28° 26'	4° 29'	15° 28'	8° 56'	0° 14'	27° 30'	11° 8'	25° 0'	28° 59'	27° 25'	11° 23'	13° 8'	S 11
M12	9 25 42	22° 18' 41"	19° 47'	0° 12'	5° 29'	15° 32'	8° 48'	0° 21'	27° 29'	11° 10'	24° 59'	28° 57'	27° 22'	11° 30'	13° 13'	M12
T 13	9 29 39	23° 19' 33"	2° 31'	1° 58'	6° 30'	15° 34'	8° 41'	0° 27'	27° 29'	11° 12'	24° 59'	28° 52'	27° 19'	11° 37'	13° 18'	T 13
W14	9 33 35	24° 20' 23"	15° 5'	3° 44'	7° 30'	15° 37'	8° 34'	0° 34'	27° 28'	11° 14'	24° 58'	28° 45'	27° 16'	11° 43'	13° 23'	W14
T 15	9 37 32	25° 21' 13"	27° 29'	5° 30'	8° 32'	15° 38'	8° 26'	0° 40'	27° 27'	11° 15'	24° 58'	28° 35'	27° 12'	11° 50'	13° 28'	T 15
F 16	9 41 28	26° 22' 01"	9° 44'	7° 17'	9° 33'	15° R39	8° 19'	0° 46'	27° 26'	11° 17'	24° 57'	28° 24'	27° 9'	11° 57'	13° 33'	F 16
S 17	9 45 25	27° 22' 48"	21° 50'	9° 2'	10° 35'	15° 39'	8° 11'	0° 53'	27° 26'	11° 19'	24° 57'	28° 12'	27° 6'	12° 3'	13° 38'	S 17
S 18	9 49 22	28° 23' 34"	3° 48'	10° 47'	11° 38'	15° 38'	8° 3'	1° 0'	27° 25'	11° 21'	24° 56'	28° 1'	27° 3'	12° 10'	13° 44'	S 18
M19	9 53 18	29° 24' 19"	15° 42'	12° 32'	12° 40'	15° 36'	7° 55'	1° 6'	27° 24'	11° 22'	24° 56'	27° 51'	27° 0'	12° 17'	13° 49'	M19
T 20	9 57 15	0° 25' 03"	27° 32'	14° 15'	13° 43'	15° 34'	7° 48'	1° 13'	27° 23'	11° 24'	24° 55'	27° 44'	26° 56'	12° 24'	13° 54'	T 20
W21	10 1 11	1° 25' 46"	9° 24'	15° 56'	14° 47'	15° 31'	7° 40'	1° 20'	27° 22'	11° 26'	24° 55'	27° 38'	26° 53'	12° 30'	13° 59'	W21
T 22	10 5 8	2° 26' 28"	21° 20'	17° 36'	15° 50'	15° 27'	7° 32'	1° 26'	27° 21'	11° 27'	24° 55'	27° 36'	26° 50'	12° 37'	14° 3'	T 22
F 23	10 9 4	3° 27' 10"	3° 17'	19° 13'	16° 54'	15° 23'	7° 24'	1° 33'	27° 19'	11° 29'	24° 54'	27° D35	26° 47'	12° 44'	14° 8'	F 23
S 24	10 13 1	4° 27' 50"	15° 49'	20° 47'	17° 58'	15° 17'	7° 16'	1° 40'	27° 18'	11° 30'	24° 54'	27° 35'	26° 44'	12° 50'	14° 13'	S 24
S 25	10 16 57	5° 28' 29"	28° 32'	22° 18'	19° 3'	15° 11'	7° 8'	1° 47'	27° 17'	11° 32'	24° 54'	27° R36	26° 41'	12° 57'	14° 18'	S 25
M26	10 20 54	6° 29' 07"	11° 40'	23° 44'	20° 8'	15° 4'	7° 0'	1° 54'	27° 16'	11° 33'	24° 53'	27° 35'	26° 37'	13° 4'	14° 23'	M26
T 27	10 24 51	7° 29' 44"	25° 16'	25° 6'	21° 12'	14° 56'	6° 52'	2° 1'	27° 14'	11° 35'	24° 53'	27° 32'	26° 34'	13° 11'	14° 28'	T 27
W28	10 28 47	8° 30' 19"	9° 21'	26° 22'	22° 18'	14° 48'	6° 44'	2° 8'	27° 13'	11° 36'	24° 53'	27° 26'	26° 31'	13° 17'	14° 33'	W28
T 29	10 32 44	9° 30' 53"	23° 53'	27° 33'	23° 23'	14° 38'	6° 37'	2° 15'	27° 12'	11° 38'	24° 53'	27° 18'	26° 28'	13° 24'	14° 38'	T 29

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	17s22	12s29	3n44	19s22	2s 5	19s 5	4n11	2s50	3n 1	8n49	1n 8	2s13	2s 5	9s58	0n38	T 1
F 2	17 6	7 5	4 30	18 54	2 6	19 9	4 8	2 52	3 2	8 52	1 8	2 11	2 5	9 58	0 38	F 2
S 3	16 48	1 16	4 59	18 25	2 6	19 14	4 5	2 55	3 3	8 54	1 8	2 8	2 5	9 58	0 38	S 3
S 4	16 31	4n38	5 8	17 55	2 6	19 18	4 3	2 57	3 4	8 57	1 8	2 6	2 5	9 58	0 38	S 4
M 5	16 13	10 13	4 57	17 23	2 6	19 21	4 0	2 59	3 6	8 59	1 8	2 3	2 5	9 58	0 38	M 5
T 6	15 55	15 11	4 28	16 50	2 5	19 25	3 56	3 1	3 7	9 2	1 9	2 1	2 5	9 58	0 38	T 6
W 7	15 37	19 12	3 42	16 15	2 3	19 28	3 53	3 2	3 8	9 5	1 9	1 56	2 4	9 58	0 38	W 7
T 8	15 18	22 3	2 44	15 40	2 1	19 31	3 50	3 4	3 9	9 8	1 9	1 58	2 4	9 58	0 38	T 8
F 9	15 0	23 33	1 38	15 3	1 59	19 34	3 46	3 5	3 10	9 10	1 9	1 53	2 4	9 58	0 38	F 9
S 10	14 40	23 41	0 28	14 24	1 56	19 36	3 43	3 6	3 12	9 13	1 9	1 51	2 4	9 57	0 38	S 10
S 11	14 21	22 29	0s42	13 44	1 53	19 38	3 39	3 6	3 13	9 16	1 9	1 48	2 4	9 57	0 38	S 11
M12	14 2	20 6	1 49	13 4	1 49	19 39	3 35	3 6	3 14	9 19	1 10	1 46	2 4	9 57	0 38	M12
T 13	13 42	16 46	2 50	12 22	1 44	19 40	3 32	3 6	3 15	9 22	1 10	1 43	2 4	9 57	0 38	T 13
W14	13 22	12 44	3 41	11 38	1 39	19 41	3 28	3 6	3 16	9 25	1 10	1 40	2 4	9 56	0 38	W14
T 15	13 2	8 13	4 21	10 54	1 33	19 42	3 24	3 6	3 17	9 28	1 10	1 38	2 4	9 56	0 38	T 15
F 16	12 41	3 27	4 48	10 9	1 26	19 42	3 20	3 5	3 18	9 31	1 10	1 35	2 4	9 56	0 38	F 16
S 17	12 20	1s24	5 2	9 23	1 19	19 41	3 16	3 4	3 20	9 34	1 10	1 32	2 3	9 56	0 38	S 17
S 18	12 0	6 8	5 2	8 36	1 11	19 40	3 11	3 3	3 21	9 37	1 10	1 30	2 3	9 55	0 38	S 18
M19	11 38	10 36	4 49	7 48	1 3	19 39	3 7	3 1	3 22	9 40	1 11	1 27	2 3	9 55	0 38	M19
T 20	11 17	14 40	4 24	7 0	0 54	19 37	3 3	2 59	3 23	9 43	1 11	1 24	2 3	9 55	0 38	T 20
W21	10 56	18 10	3 47	6 12	0 44	19 35	2 59	2 57	3 24	9 46	1 11	1 22	2 3	9 54	0 38	W21
T 22	10 34	20 56	3 0	5 23	0 33	19 32	2 54	2 55	3 25	9 49	1 11	1 19	2 3	9 54	0 38	T 22
F 23	10 12	22 49	2 5	4 35	0 21	19 29	2 50	2 52	3 26	9 52	1 11	1 16	2 3	9 53	0 38	F 23
S 24	9 50	23 38	1 2	3 47	0 9	19 25	2 45	2 49	3 27	9 55	1 11	1 13	2 3	9 53	0 38	S 24
S 25	9 28	23 16	0n 5	3 0	0n 3	19 21	2 41	2 46	3 27	9 58	1 11	1 10	2 3	9 52	0 38	S 25
M26	9 6	21 37	1 14	2 13	0 17	19 17	2 36	2 43	3 28	10 1	1 11	1 8	2 3	9 52	0 38	M26
T 27	8 44	18 42	2 21	1 28	0 31	19 12	2 32	2 39	3 29	10 4	1 11	1 5	2 3	9 51	0 38	T 27
W28	8 21	14 36	3 22	0 45	0 45	19 6	2 27	2 35	3 30	10 7	1 11	1 2	2 3	9 51	0 38	W28
T 29	7s58	9s33	4n12	0s 4	1n 0	19s 0	2n22	2s31	3n31	10n10	1n12	0s59	2s 3	9s50	0n38	T 29

Julian Day Number = 2686791.5, Delta T = 23m10s

Ecliptic obliquity = 23°21'20", Nutation = 0°00'19"

Ayanamsha: Fagan/Bradley = 33°44'59", Lahiri = 32°51'59"



# ASTRODIENST EPHEMERIS for the year 2644

APRIL 2644

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	12 38 53	11°33'34"	28°39'	18°8'	29°42'	4°R25	3°R 0	6°Y 8	26°R 6	12°Z 7	24°II58	23°R34	24°Z46	16°Ω59	16°Ω53	M 1
T 2	12 42 50	12°33'09"	17°40'	18°22'	0°H52	4°Ω 2	2°H55	6°16	26°Ω 4	12° 8	24°58	23°Z27	24°43	17° 6	16°56	T 2
W 3	12 46 46	13°32'42"	2°II18	18°41'	2° 2	3°39	2°51	6°23	26° 1	12° 8	24°59	23°23	24°40	17°12	16°59	W 3
T 4	12 50 43	14°32'14"	16°30'	19° 4	3°12	3°17	2°46	6°30	25°59	12° 8	24°59	23°22	24°37	17°19	17° 3	T 4
F 5	12 54 40	15°31'42"	0°Ω13	19°33'	4°22	2°54	2°42	6°38	25°56	12° 9	25° 0	23°D22	24°33	17°26	17° 6	F 5
S 6	12 58 36	16°31'09"	13°31'	20° 6	5°32	2°32	2°38	6°45	25°54	12° 9	25° 0	23°R22	24°30	17°32	17° 9	S 6
S 7	13 2 33	17°30'33"	26°25'	20°42'	6°43	2°11	2°34	6°52	25°51	12° 9	25° 1	23°22	24°27	17°39	17°13	S 7
M 8	13 6 29	18°29'55"	9°Ω 1	21°23'	7°53	1°50	2°30	7° 0	25°49	12° 9	25° 2	23°20	24°24	17°46	17°16	M 8
T 9	13 10 26	19°29'14"	21°21'	22° 8	9° 3	1°29	2°27	7° 7	25°46	12°10	25° 2	23°15	24°21	17°53	17°19	T 9
W10	13 14 22	20°28'32"	3°H31	22°56'	10°14'	1° 9	2°24	7°14	25°43	12°10	25° 3	23° 8	24°18	17°59	17°22	W10
T 11	13 18 19	21°27'47"	15°32'	23°48'	11°24'	0°49	2°20	7°21	25°41	12°10	25° 4	22°59	24°14	18° 6	17°25	T 11
F 12	13 22 15	22°26'59"	27°29'	24°42'	12°35	0°30	2°17	7°29	25°38	12°10	25° 4	22°48	24°11	18°13	17°28	F 12
S 13	13 26 12	23°26'10"	9°Ω22	25°40'	13°46	0°12	2°14	7°36	25°36	12°R10	25° 5	22°36	24° 8	18°19	17°30	S 13
S 14	13 30 8	24°25'19"	21°14'	26°40'	14°57	29°H54	2°12	7°43	25°33	12°10	25° 6	22°25	24° 5	18°26	17°33	S 14
M15	13 34 5	25°24'25"	3°H 6	27°43'	16° 7	29°37	2° 9	7°50	25°31	12°10	25° 7	22°15	24° 2	18°33	17°36	M15
T 16	13 38 2	26°23'30"	15° 0	28°48'	17°18	29°20	2° 7	7°57	25°28	12°10	25° 7	22° 6	23°58	18°40	17°39	T 16
W17	13 41 58	27°22'33"	26°57'	29°56'	18°29	29° 4	2° 5	8° 5	25°25	12°10	25° 8	22° 1	23°55	18°46	17°41	W17
T 18	13 45 55	28°21'34"	8°Z59	1°Y 7	19°40	28°49	2° 3	8°12	25°23	12° 9	25° 9	21°58	23°52	18°53	17°44	T 18
F 19	13 49 51	29°20'33"	21°11'	2°19	20°51	28°34	2° 1	8°19	25°20	12° 9	25°10	21°D57	23°49	19° 0	17°46	F 19
S 20	13 53 48	0°Ω19'31"	3°Z34	3°34	22° 2	28°21	2° 0	8°26	25°18	12° 9	25°11	21°57	23°46	19° 6	17°49	S 20
S 21	13 57 44	1°18'26"	16°14'	4°51	23°13	28° 8	1°58	8°33	25°15	12° 9	25°12	21°58	23°43	19°13	17°51	S 21
M22	14 1 41	2°17'20"	29°13'	6°10	24°25	27°55	1°57	8°40	25°12	12° 9	25°12	21°R59	23°39	19°20	17°53	M22
T 23	14 5 37	3°16'13"	12°Ω36	7°30	25°36	27°44	1°56	8°47	25°10	12° 8	25°13	21°59	23°36	19°27	17°55	T 23
W24	14 9 34	4°15'03"	26°26'	8°53	26°47	27°33	1°55	8°54	25° 7	12° 8	25°14	21°57	23°33	19°33	17°58	W24
T 25	14 13 31	5°13'52"	10°H42	10°17	27°58	27°23	1°55	9° 1	25° 5	12° 8	25°15	21°53	23°30	19°40	18° 0	T 25
F 26	14 17 27	6°12'39"	25°23'	11°44	29°10	27°14	1°54	9° 8	25° 2	12° 7	25°16	21°47	23°27	19°47	18° 2	F 26
S 27	14 21 24	7°11'24"	10°Y24	13°12	0°Y21	27° 5	1°54	9°14	25° 0	12° 7	25°17	21°40	23°24	19°53	18° 4	S 27
S 28	14 25 20	8°10'08"	25°36'	14°42	1°33	26°58	1°D54	9°21	24°57	12° 6	25°18	21°34	23°20	20° 0	18° 6	S 28
M29	14 29 17	9° 8'50"	10°Z49	16°13	2°44	26°51	1°54	9°28	24°55	12° 6	25°19	21°28	23°17	20° 7	18° 7	M29
T 30	14 33 13	10° 7'30"	25°Ω53	17°Y47	3°Y56	26°H45	1°H54	9°Y35	24°Ω52	12°Z 5	25°II20	21°Z24	23°Z14	20°Ω13	18°Ω 9	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	4n33	16n 1	3n55	4s20	0n22	11s34	0s 2	1n17	3n18	11n29	1n11	0n33	2s 3	9s26	0n39	21s44
T 2	4 57	19 53	2 57	4 28	0 8	11 13	0 6	1 25	3 17	11 30	1 11	0 36	2 3	9 26	0 39	21 44
W 3	5 20	22 20	1 49	4 33	0s 5	10 52	0 10	1 32	3 15	11 32	1 11	0 39	2 3	9 25	0 39	21 44
T 4	5 43	23 17	0 36	4 35	0 18	10 31	0 14	1 39	3 13	11 33	1 11	0 41	2 3	9 24	0 39	21 44
F 5	6 6	22 45	0s36	4 35	0 30	10 9	0 17	1 46	3 11	11 35	1 11	0 44	2 3	9 23	0 39	21 44
S 6	6 28	20 56	1 45	4 34	0 42	9 47	0 21	1 53	3 9	11 36	1 11	0 47	2 3	9 22	0 39	21 44
S 7	6 51	18 4	2 46	4 29	0 54	9 24	0 25	2 0	3 7	11 37	1 11	0 50	2 3	9 21	0 39	21 44
M 8	7 14	14 26	3 38	4 23	1 4	9 1	0 28	2 6	3 5	11 39	1 11	0 53	2 3	9 20	0 39	21 44
T 9	7 36	10 15	4 18	4 15	1 14	8 38	0 32	2 13	3 3	11 40	1 11	0 56	2 3	9 19	0 39	21 44
W10	7 58	5 44	4 46	4 5	1 24	8 15	0 35	2 18	3 1	11 41	1 10	0 58	2 3	9 18	0 39	21 44
T 11	8 20	1 3	5 1	3 53	1 33	7 51	0 39	2 24	2 58	11 42	1 10	1 1	2 3	9 17	0 39	21 44
F 12	8 42	3s38	5 2	3 39	1 41	7 28	0 42	2 30	2 56	11 43	1 10	1 4	2 3	9 16	0 39	21 44
S 13	9 4	8 9	4 51	3 23	1 49	7 4	0 45	2 35	2 54	11 44	1 10	1 7	2 3	9 15	0 39	21 44
S 14	9 26	12 22	4 26	3 6	1 56	6 39	0 48	2 40	2 51	11 45	1 10	1 9	2 4	9 14	0 39	21 44
M15	9 48	16 7	3 51	2 47	2 3	6 15	0 51	2 44	2 49	11 46	1 10	1 12	2 4	9 14	0 39	21 44
T 16	10 9	19 13	3 5	2 27	2 9	5 50	0 54	2 49	2 46	11 46	1 10	1 15	2 4	9 13	0 39	21 44
W17	10 30	21 31	2 10	2 5	2 15	5 25	0 57	2 53	2 44	11 47	1 10	1 18	2 4	9 12	0 39	21 44
T 18	10 51	22 51	1 9	1 42	2 20	5 0	1 0	2 56	2 41	11 47	1 10	1 20	2 4	9 11	0 39	21 44
F 19	11 12	23 8	0 4	1 17	2 24	4 35	1 3	3 0	2 39	11 48	1 9	1 23	2 4	9 10	0 39	21 44
S 20	11 33	22 16	1n 2	0 51	2 28	4 9	1 6	3 3	2 36	11 48	1 9	1 26	2 4	9 9	0 39	21 44
S 21	11 53	20 16	2 7	0 24	2 32	3 43	1 8	3 6	2 34	11 49	1 9	1 28	2 4	9 8	0 39	21 44
M22	12 14	17 11	3 7	0n 4	2 35	3 18	1 11	3 8	2 31	11 49	1 9	1 31	2 4	9 7	0 39	21 44
T 23	12 34	13 9	3 59	0 34	2 37	2 52	1 13	3 10	2 29	11 49	1 9	1 34	2 4	9 6	0 39	21 44
W24	12 54	8 17	4 38	1 5	2 39	2 26	1 15	3 12	2 26	11 49	1 9	1 36	2 5	9 5	0 39	21 44
T 25	13 13	2 51	5 2	1 36	2 40	2 0	1 18	3 14	2 23	11 50	1 9	1 39	2 5	9 4	0 39	21 44
F 26	13 33	2n53	5 8	2 9	2 41	1 33	1 20	3 15	2 21	11 50	1 8	1 42	2 5	9 3	0 39	21 44
S 27	13 52	8 35	4 52	2 43	2 41	1 7	1 22	3 16	2 18	11 50	1 8	1 44	2 5	9 2	0 39	21 44
S 28	14 11	13 50	4 16	3 18	2 40	0 40	1 24	3 17	2 16	11 49	1 8	1 47	2 5	9 2	0 39	21 44
M29	14 30	18 13	3 22	3 54	2 39	0 14	1 26	3 17	2 13	11 49	1 8	1 49	2 5	9 1	0 39	21 44
T 30	14n48	21n19	2n14	4n31	2s38	0n13	1s28	3n17	2n10	11n49	1n 8	1n52	2s 5	9s 0	0n39	21s44

Julian Day Number = 2686851.5, Delta T = 23m11s  
Ecliptic obliquity = 23°21'20", Nutation = 0°00'17"  
Ayanamsha: Fagan/Bradley = 33°45'08", Lahiri = 32°52'07"



## ASTRODIENST EPHEMERIS for the year 2644

JUNE 2644

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 39 23	11Ⅱ 8'40	0♌29	20Ⅱ49	12♊17	29♏47	3♏38	12♏45	23°R47	11°R34	25Ⅱ59	20♏49	21♏32	23♏48	18°R27	S 1
S 2	16 43 20	12° 6'25	13°35	22°54	13°30	0♌ 3	3°44	12°50	23♏45	11♊33	26° 0	20°50	21°29	23°55	18°27	S 2
M 3	16 47 16	13° 4'09	26°18	24°57	14°42	0°19	3°50	12°55	23°44	11°32	26° 2	20°50	21°26	24° 1	18°26	M 3
T 4	16 51 13	14° 1'51	8♏43	26°57	15°54	0°36	3°56	12°59	23°43	11°30	26° 3	20°R51	21°23	24° 8	18°25	T 4
W 5	16 55 9	14°59'31	20°52	28°56	17° 7	0°53	4° 3	13° 4	23°41	11°29	26° 4	20°51	21°20	24°15	18°24	W 5
T 6	16 59 6	15°57'10	2♌51	0♌52	18°19	1°10	4° 9	13° 9	23°40	11°27	26° 6	20°50	21°16	24°22	18°24	T 6
F 7	17 3 2	16°54'47	14°44	2°45	19°31	1°28	4°16	13°13	23°39	11°26	26° 7	20°50	21°13	24°28	18°23	F 7
S 8	17 6 59	17°52'23	26°36	4°36	20°44	1°47	4°22	13°18	23°38	11°25	26° 8	20°50	21°10	24°35	18°22	S 8
S 9	17 10 56	18°49'58	8♏29	6°24	21°56	2° 5	4°29	13°22	23°36	11°23	26°10	20°49	21° 7	24°42	18°20	S 9
M10	17 14 52	19°47'31	20°27	8°10	23° 9	2°25	4°36	13°27	23°35	11°22	26°11	20°49	21° 4	24°48	18°19	M10
T 11	17 18 49	20°45'04	2♏34	9°53	24°21	2°44	4°43	13°31	23°34	11°20	26°13	20°D49	21° 1	24°55	18°18	T 11
W12	17 22 45	21°42'35	14°51	11°33	25°33	3° 4	4°51	13°35	23°33	11°19	26°14	20°R49	20°57	25° 2	18°17	W12
T 13	17 26 42	22°40'05	27°21	13°10	26°46	3°25	4°58	13°39	23°32	11°17	26°15	20°49	20°54	25° 8	18°15	T 13
F 14	17 30 38	23°37'34	10♊ 3	14°44	27°58	3°46	5° 6	13°43	23°32	11°16	26°17	20°49	20°51	25°15	18°14	F 14
S 15	17 34 35	24°35'02	22°59	16°15	29°11	4° 7	5°13	13°47	23°31	11°14	26°18	20°49	20°48	25°22	18°13	S 15
S 16	17 38 32	25°32'30	6♏ 9	17°43	0Ⅱ23	4°28	5°21	13°51	23°30	11°13	26°19	20°48	20°45	25°29	18°11	S 16
M17	17 42 28	26°29'56	19°33	19° 9	1°36	4°50	5°29	13°55	23°29	11°11	26°21	20°48	20°42	25°35	18° 9	M17
T 18	17 46 25	27°27'22	3♏11	20°31	2°48	5°13	5°37	13°59	23°29	11°10	26°22	20°47	20°38	25°42	18° 8	T 18
W19	17 50 21	28°24'48	17° 1	21°50	4° 1	5°35	5°45	14° 2	23°28	11° 8	26°24	20°47	20°35	25°49	18° 6	W19
T 20	17 54 18	29°22'12	1° 4	23° 7	5°14	5°58	5°53	14° 6	23°27	11° 6	26°25	20°D46	20°32	25°55	18° 4	T 20
F 21	17 58 14	0♌19'37	15°18	24°20	6°26	6°21	6° 2	14° 9	23°27	11° 5	26°26	20°47	20°29	26° 2	18° 2	F 21
S 22	18 2 11	1°17'00	29°40	25°30	7°39	6°45	6°10	14°13	23°26	11° 3	26°28	20°47	20°26	26° 9	18° 0	S 22
S 23	18 6 7	2°14'24	14♊ 7	26°36	8°52	7° 9	6°19	14°16	23°26	11° 2	26°29	20°48	20°22	26°15	17°58	S 23
M24	18 10 4	3°11'47	28°35	27°40	10° 4	7°33	6°27	14°19	23°25	11° 0	26°31	20°49	20°19	26°22	17°56	M24
T 25	18 14 1	4° 9'10	13Ⅱ 0	28°40	11°17	7°58	6°36	14°22	23°25	10°58	26°32	20°50	20°16	26°29	17°54	T 25
W26	18 17 57	5° 6'32	27°16	29°36	12°30	8°23	6°45	14°25	23°25	10°57	26°33	20°R50	20°13	26°36	17°52	W26
T 27	18 21 54	6° 3'53	11♌18	0♌29	13°42	8°48	6°54	14°28	23°25	10°55	26°35	20°49	20°10	26°42	17°50	T 27
F 28	18 25 50	7° 1'14	25° 4	1°18	14°55	9°14	7° 3	14°31	23°24	10°54	26°36	20°47	20° 7	26°49	17°48	F 28
S 29	18 29 47	7°58'34	8♌29	2° 4	16° 8	9°40	7°13	14°34	23°24	10°52	26°37	20°45	20° 3	26°56	17°45	S 29
S 30	18 33 43	8♌55'53	21♌34	2♌46	17Ⅱ21	10♌ 6	7♏22	14°V37	23♏24	10♊50	26Ⅱ39	20♏43	20♏ 0	27♌ 2	17°43	S 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	22n 2	16n41	3s23	24n31	1n29	13n50	1s43	0n58	0n57	11n 8	1n 4	3n 1	2s11	8s37	0n38	21s46
S 2	22 10	12 39	4 13	24 46	1 36	14 12	1 42	0 50	0 56	11 5	1 3	3 2	2 11	8 36	0 38	21 46
M 3	22 17	8 10	4 49	24 58	1 43	14 34	1 42	0 42	0 54	11 3	1 3	3 4	2 11	8 36	0 38	21 46
T 4	22 24	3 29	5 10	25 8	1 48	14 56	1 41	0 34	0 52	11 1	1 3	3 6	2 11	8 35	0 38	21 46
W 5	22 31	1s15	5 17	25 15	1 54	15 18	1 40	0 25	0 50	10 58	1 3	3 7	2 12	8 35	0 38	21 46
T 6	22 37	5 53	5 10	25 19	1 58	15 39	1 38	0 16	0 48	10 56	1 3	3 9	2 12	8 34	0 38	21 46
F 7	22 43	10 15	4 50	25 21	2 2	15 59	1 37	0 8	0 46	10 53	1 3	3 11	2 12	8 34	0 38	21 47
S 8	22 48	14 13	4 18	25 21	2 4	16 20	1 36	0s 1	0 45	10 51	1 3	3 12	2 12	8 33	0 38	21 47
S 9	22 53	17 39	3 34	25 18	2 6	16 40	1 35	0 10	0 43	10 48	1 3	3 15	2 12	8 33	0 38	21 47
M10	22 58	20 23	2 41	25 14	2 8	16 59	1 33	0 19	0 41	10 46	1 3	3 15	2 13	8 33	0 38	21 47
T 11	23 2 22	14 10	25 7	2 8	17 18	1 32	0 29	0 40	10 43	1 2	3 16	2 13	8 32	0 38	21 47	1 6 14 4
W12	23 6 23	3 0	33 24	59	2 8	17 37	1 31	0 38	0 38	10 40	1 2	3 18	2 13	8 32	0 38	21 47
T 13	23 9 22	44	0n36	24 48	2 7	17 55	1 29	0 48	0 36	10 37	1 2	3 19	2 13	8 32	0 37	21 47
F 14	23 12 21	14	1 45	24 37	2 5	18 13	1 28	0 57	0 35	10 34	1 2	3 21	2 14	8 31	0 37	21 47
S 15	23 15 18	37	2 49	24 23	2 2	18 30	1 26	1 7	0 33	10 32	1 2	3 22	2 14	8 31	0 37	21 48
S 16	23 17 15	1	3 46	24 9	1 58	18 47	1 24	1 17	0 32	10 29	1 2	3 23	2 14	8 31	0 37	21 48
M17	23 19 10	36	4 31	23 53	1 54	19 4	1 22	1 27	0 30	10 26	1 2	3 24	2 14	8 31	0 37	21 48
T 18	23 20 5 36	5	5 2	23 36	1 49	19 20	1 21	1 38	0 28	10 23	1 2	3 26	2 15	8 30	0 37	21 48
W19	23 21 0 15	5	5 16	23 17	1 43	19 35	1 19	1 48	0 27	10 19	1 2	3 27	2 15	8 30	0 37	21 48
T 20	23 21 5n12	5	5 12	22 59	1 37	19 50	1 17	1 58	0 25	10 16	1 1	3 28	2 15	8 30	0 37	21 48
F 21	23 21 10 26	4	4 48	22 39	1 30	20 5	1 15	2 9	0 24	10 13	1 1	3 29	2 15	8 30	0 37	21 48
S 22	23 21 15 10	4	4 7	22 18	1 22	20 18	1 13	2 20	0 22	10 10	1 1	3 30	2 16	8 30	0 37	21 48
S 23	23 20 19	2	3 10	21 57	1 13	20 32	1 11	2 30	0 21	10 7	1 1	3 31	2 16	8 30	0 37	21 49
M24	23 19 21	44	2 0	21 36	1 4	20 45	1 9	2 41	0 20	10 3	1 1	3 32	2 16	8 30	0 37	21 49
T 25	23 17 23	0	0 43	21 14	0 54	20 57	1 7	2 52	0 18	10 0	1 1	3 33	2 16	8 29	0 37	21 49
W26	23 15 22	44	0s36	20 52	0 43	21 9	1 5	3 3	0 17	9 57	1 1	3 34	2 17	8 29	0 37	21 49
T 27	23 13 21	2	1 51	20 30	0 32	21 20	1 3	3 15	0 15	9 53	1 1	3 35	2 17	8 29	0 37	21 49
F 28	23 10 18	8	2 58	20 7	0 20	21 30	1 0	3 26	0 14	9 50	1 1	3 36	2 17	8 29	0 37	21 49
S 29	23 7 14	19	3 54	19 45	0 8	21 40	0 58	3 37	0 13	9 46	1 1	3 37	2 17	8 29	0 37	21 49
S 30	23n 3	9n55	4s35	19n23	0s 6	21n50	0s56	3s49	0n11	9n43	1n 0	3n37	2s18	8s29	0n37	21s49

Julian Day Number = 2686912.5, Delta T = 23m12s

Ecliptic obliquity = 23°21'18, Nutation = 0°00'17

Ayanamsha: Fagan/Bradley = 33°45'16, Lahiri = 32°52'16

## ASTRODIENST EPHEMERIS for the year 2644

JULY 2644

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	18 37 40	9 <sup>53</sup> 12	4 <sup>18</sup> 18	3 <sup>23</sup> 23	18 <sup>11</sup> 34	10 <sup>53</sup> 32	7 <sup>18</sup> 31	14 <sup>15</sup> 39	23 <sup>24</sup> 24	10 <sup>49</sup> 49	26 <sup>14</sup> 40	20 <sup>40</sup> 40	19 <sup>57</sup> 57	27 <sup>25</sup> 9	17 <sup>41</sup> 41	M 1
T 2	18 41 36	10 <sup>50</sup> 30	16 <sup>44</sup> 44	3 <sup>57</sup> 57	19 <sup>46</sup> 46	10 <sup>59</sup> 59	7 <sup>41</sup> 41	14 <sup>42</sup> 42	23 <sup>24</sup> 24	10 <sup>48</sup> 48	26 <sup>42</sup> 42	20 <sup>38</sup> 38	19 <sup>54</sup> 54	27 <sup>16</sup> 16	17 <sup>38</sup> 38	T 2
W 3	18 45 33	11 <sup>47</sup> 47	28 <sup>56</sup> 56	4 <sup>26</sup> 26	20 <sup>59</sup> 59	11 <sup>26</sup> 26	7 <sup>51</sup> 51	14 <sup>44</sup> 44	23 <sup>24</sup> 24	10 <sup>46</sup> 46	26 <sup>43</sup> 43	20 <sup>37</sup> 37	19 <sup>51</sup> 51	27 <sup>22</sup> 22	17 <sup>36</sup> 36	W 3
T 4	18 49 30	12 <sup>45</sup> 04	10 <sup>55</sup> 55	4 <sup>52</sup> 52	22 <sup>12</sup> 12	11 <sup>53</sup> 53	8 <sup>0</sup> 0	14 <sup>46</sup> 46	23 <sup>25</sup> 25	10 <sup>44</sup> 44	26 <sup>44</sup> 44	20 <sup>36</sup> 36	19 <sup>48</sup> 48	27 <sup>29</sup> 29	17 <sup>33</sup> 33	T 4
F 5	18 53 26	13 <sup>42</sup> 20	22 <sup>49</sup> 49	5 <sup>12</sup> 12	23 <sup>25</sup> 25	12 <sup>20</sup> 20	8 <sup>10</sup> 10	14 <sup>48</sup> 48	23 <sup>25</sup> 25	10 <sup>42</sup> 42	26 <sup>46</sup> 46	20 <sup>36</sup> 36	19 <sup>44</sup> 44	27 <sup>36</sup> 36	17 <sup>31</sup> 31	F 5
S 6	18 57 23	14 <sup>39</sup> 35	4 <sup>18</sup> 40	5 <sup>29</sup> 29	24 <sup>38</sup> 38	12 <sup>48</sup> 48	8 <sup>20</sup> 20	14 <sup>51</sup> 51	23 <sup>25</sup> 25	10 <sup>41</sup> 41	26 <sup>47</sup> 47	20 <sup>37</sup> 37	19 <sup>41</sup> 41	27 <sup>42</sup> 42	17 <sup>28</sup> 28	S 6
S 7	19 1 19	15 <sup>36</sup> 50	16 <sup>35</sup> 35	5 <sup>40</sup> 40	25 <sup>51</sup> 51	13 <sup>16</sup> 16	8 <sup>30</sup> 30	14 <sup>53</sup> 53	23 <sup>25</sup> 25	10 <sup>39</sup> 39	26 <sup>48</sup> 48	20 <sup>39</sup> 39	19 <sup>38</sup> 38	27 <sup>49</sup> 49	17 <sup>25</sup> 25	S 7
M 8	19 5 16	16 <sup>34</sup> 05	28 <sup>37</sup> 37	5 <sup>48</sup> 48	27 <sup>4</sup> 4	13 <sup>44</sup> 44	8 <sup>40</sup> 40	14 <sup>54</sup> 54	23 <sup>26</sup> 26	10 <sup>37</sup> 37	26 <sup>50</sup> 50	20 <sup>41</sup> 41	19 <sup>35</sup> 35	27 <sup>56</sup> 56	17 <sup>23</sup> 23	M 8
T 9	19 9 12	17 <sup>31</sup> 19	10 <sup>50</sup> 50	5 <sup>58</sup> 58	28 <sup>17</sup> 17	14 <sup>13</sup> 13	8 <sup>50</sup> 50	14 <sup>56</sup> 56	23 <sup>26</sup> 26	10 <sup>36</sup> 36	26 <sup>51</sup> 51	20 <sup>42</sup> 42	19 <sup>32</sup> 32	28 <sup>3</sup> 3	17 <sup>20</sup> 20	T 9
W10	19 13 9	18 <sup>28</sup> 32	23 <sup>18</sup> 18	5 <sup>48</sup> 48	29 <sup>30</sup> 30	14 <sup>42</sup> 42	9 <sup>1</sup> 1	14 <sup>58</sup> 58	23 <sup>27</sup> 27	10 <sup>34</sup> 34	26 <sup>52</sup> 52	20 <sup>42</sup> 42	19 <sup>28</sup> 28	28 <sup>9</sup> 9	17 <sup>17</sup> 17	W10
T 11	19 17 5	19 <sup>25</sup> 46	6 <sup>23</sup> 23	5 <sup>41</sup> 41	0 <sup>54</sup> 54	15 <sup>10</sup> 10	9 <sup>11</sup> 11	15 <sup>0</sup> 0	23 <sup>27</sup> 27	10 <sup>33</sup> 33	26 <sup>53</sup> 53	20 <sup>41</sup> 41	19 <sup>25</sup> 25	28 <sup>16</sup> 16	17 <sup>14</sup> 14	T 11
F 12	19 21 2	20 <sup>22</sup> 59	19 <sup>4</sup> 4	5 <sup>30</sup> 30	1 <sup>56</sup> 56	15 <sup>40</sup> 40	9 <sup>21</sup> 21	15 <sup>1</sup> 1	23 <sup>28</sup> 28	10 <sup>31</sup> 31	26 <sup>55</sup> 55	20 <sup>39</sup> 39	19 <sup>22</sup> 22	28 <sup>23</sup> 23	17 <sup>11</sup> 11	F 12
S 13	19 24 59	21 <sup>20</sup> 12	2 <sup>23</sup> 23	5 <sup>15</sup> 15	3 <sup>9</sup> 9	16 <sup>9</sup> 9	9 <sup>32</sup> 32	15 <sup>2</sup> 2	23 <sup>28</sup> 28	10 <sup>29</sup> 29	26 <sup>56</sup> 56	20 <sup>35</sup> 35	19 <sup>19</sup> 19	28 <sup>29</sup> 29	17 <sup>8</sup> 8	S 13
S 14	19 28 55	22 <sup>17</sup> 24	15 <sup>59</sup> 59	4 <sup>55</sup> 55	4 <sup>22</sup> 22	16 <sup>39</sup> 39	9 <sup>42</sup> 42	15 <sup>4</sup> 4	23 <sup>29</sup> 29	10 <sup>28</sup> 28	26 <sup>57</sup> 57	20 <sup>31</sup> 31	19 <sup>16</sup> 16	28 <sup>36</sup> 36	17 <sup>5</sup> 5	S 14
M15	19 32 52	23 <sup>14</sup> 37	29 <sup>48</sup> 48	4 <sup>32</sup> 32	5 <sup>35</sup> 35	17 <sup>8</sup> 8	9 <sup>53</sup> 53	15 <sup>5</sup> 5	23 <sup>30</sup> 30	10 <sup>26</sup> 26	26 <sup>59</sup> 59	20 <sup>26</sup> 26	19 <sup>13</sup> 13	28 <sup>43</sup> 43	17 <sup>2</sup> 2	M15
T 16	19 36 48	24 <sup>11</sup> 50	13 <sup>47</sup> 47	4 <sup>4</sup> 4	6 <sup>48</sup> 48	17 <sup>38</sup> 38	10 <sup>4</sup> 4	15 <sup>6</sup> 6	23 <sup>30</sup> 30	10 <sup>25</sup> 25	27 <sup>0</sup> 0	20 <sup>21</sup> 21	19 <sup>9</sup> 9	28 <sup>49</sup> 49	16 <sup>59</sup> 59	T 16
W17	19 40 45	25 <sup>9</sup> 04	27 <sup>54</sup> 54	3 <sup>34</sup> 34	8 <sup>1</sup> 1	18 <sup>9</sup> 9	10 <sup>15</sup> 15	15 <sup>7</sup> 7	23 <sup>31</sup> 31	10 <sup>23</sup> 23	27 <sup>1</sup> 1	20 <sup>18</sup> 18	19 <sup>6</sup> 6	28 <sup>56</sup> 56	16 <sup>56</sup> 56	W17
T 18	19 44 41	26 <sup>6</sup> 17	12 <sup>15</sup> 15	3 <sup>1</sup> 1	9 <sup>14</sup> 14	18 <sup>39</sup> 39	10 <sup>25</sup> 25	15 <sup>8</sup> 8	23 <sup>32</sup> 32	10 <sup>22</sup> 22	27 <sup>2</sup> 2	20 <sup>15</sup> 15	19 <sup>3</sup> 3	29 <sup>3</sup> 3	16 <sup>53</sup> 53	T 18
F 19	19 48 38	27 <sup>3</sup> 31	26 <sup>17</sup> 17	2 <sup>25</sup> 25	10 <sup>27</sup> 27	19 <sup>10</sup> 10	10 <sup>36</sup> 36	15 <sup>9</sup> 9	23 <sup>33</sup> 33	10 <sup>20</sup> 20	27 <sup>4</sup> 4	20 <sup>15</sup> 15	19 <sup>0</sup> 0	29 <sup>9</sup> 9	16 <sup>50</sup> 50	F 19
S 20	19 52 34	28 <sup>0</sup> 45	10 <sup>28</sup> 28	1 <sup>48</sup> 48	11 <sup>40</sup> 40	19 <sup>41</sup> 41	10 <sup>47</sup> 47	15 <sup>10</sup> 10	23 <sup>34</sup> 34	10 <sup>19</sup> 19	27 <sup>5</sup> 5	20 <sup>15</sup> 15	18 <sup>57</sup> 57	29 <sup>16</sup> 16	16 <sup>47</sup> 47	S 20
S 21	19 56 31	28 <sup>58</sup> 00	24 <sup>37</sup> 37	1 <sup>10</sup> 10	12 <sup>54</sup> 54	20 <sup>12</sup> 12	10 <sup>59</sup> 59	15 <sup>10</sup> 10	23 <sup>35</sup> 35	10 <sup>17</sup> 17	27 <sup>6</sup> 6	20 <sup>16</sup> 16	18 <sup>54</sup> 54	29 <sup>23</sup> 23	16 <sup>44</sup> 44	S 21
M22	20 0 28	29 <sup>55</sup> 16	8 <sup>11</sup> 41	0 <sup>31</sup> 31	14 <sup>7</sup> 7	20 <sup>43</sup> 43	11 <sup>10</sup> 10	15 <sup>11</sup> 11	23 <sup>36</sup> 36	10 <sup>15</sup> 15	27 <sup>7</sup> 7	20 <sup>18</sup> 18	18 <sup>50</sup> 50	29 <sup>30</sup> 30	16 <sup>40</sup> 40	M22
T 23	20 4 24	0 <sup>52</sup> 32	22 <sup>39</sup> 39	29 <sup>53</sup> 53	15 <sup>20</sup> 20	21 <sup>15</sup> 15	11 <sup>21</sup> 21	15 <sup>11</sup> 11	23 <sup>37</sup> 37	10 <sup>14</sup> 14	27 <sup>8</sup> 8	20 <sup>18</sup> 18	18 <sup>47</sup> 47	29 <sup>36</sup> 36	16 <sup>37</sup> 37	T 23
W24	20 8 21	1 <sup>49</sup> 48	6 <sup>29</sup> 29	29 <sup>15</sup> 15	16 <sup>34</sup> 34	21 <sup>46</sup> 46	11 <sup>32</sup> 32	15 <sup>11</sup> 11	23 <sup>39</sup> 39	10 <sup>13</sup> 13	27 <sup>10</sup> 10	20 <sup>17</sup> 17	18 <sup>44</sup> 44	29 <sup>43</sup> 43	16 <sup>34</sup> 34	W24
T 25	20 12 17	2 <sup>47</sup> 04	20 <sup>8</sup> 8	28 <sup>39</sup> 39	17 <sup>47</sup> 47	22 <sup>18</sup> 18	11 <sup>44</sup> 44	15 <sup>12</sup> 12	23 <sup>40</sup> 40	10 <sup>11</sup> 11	27 <sup>11</sup> 11	20 <sup>14</sup> 14	18 <sup>41</sup> 41	29 <sup>50</sup> 50	16 <sup>31</sup> 31	T 25
F 26	20 16 14	3 <sup>44</sup> 21	3 <sup>23</sup> 23	28 <sup>5</sup> 5	19 <sup>0</sup> 0	22 <sup>50</sup> 50	11 <sup>55</sup> 55	15 <sup>12</sup> 12	23 <sup>41</sup> 41	10 <sup>10</sup> 10	27 <sup>12</sup> 12	20 <sup>9</sup> 9	18 <sup>38</sup> 38	29 <sup>56</sup> 56	16 <sup>27</sup> 27	F 26
S 27	20 20 10	4 <sup>41</sup> 39	16 <sup>46</sup> 46	27 <sup>34</sup> 34	20 <sup>14</sup> 14	23 <sup>22</sup> 22	12 <sup>7</sup> 7	15 <sup>12</sup> 12	23 <sup>42</sup> 42	10 <sup>8</sup> 8	27 <sup>13</sup> 13	20 <sup>2</sup> 2	18 <sup>34</sup> 34	0 <sup>10</sup> 10	16 <sup>24</sup> 24	S 27
S 28	20 24 7	5 <sup>38</sup> 56	29 <sup>41</sup> 41	27 <sup>6</sup> 6	21 <sup>27</sup> 27	23 <sup>55</sup> 55	12 <sup>18</sup> 18	15 <sup>12</sup> 12	23 <sup>44</sup> 44	10 <sup>7</sup> 7	27 <sup>14</sup> 14	19 <sup>54</sup> 54	18 <sup>31</sup> 31	0 <sup>10</sup> 10	16 <sup>21</sup> 21	S 28
M29	20 28 3	6 <sup>36</sup> 14	12 <sup>18</sup> 18	26 <sup>42</sup> 42	22 <sup>40</sup> 40	24 <sup>27</sup> 27	12 <sup>30</sup> 30	15 <sup>11</sup> 11	23 <sup>45</sup> 45	10 <sup>5</sup> 5	27 <sup>15</sup> 15	19 <sup>46</sup> 46	18 <sup>28</sup> 28	0 <sup>16</sup> 16	16 <sup>17</sup> 17	M29
T 30	20 32 0	7 <sup>33</sup> 32	24 <sup>43</sup> 43	26 <sup>23</sup> 23	23 <sup>54</sup> 54	25 <sup>0</sup> 0	12 <sup>41</sup> 41	15 <sup>11</sup> 11	23 <sup>47</sup> 47	10 <sup>4</sup> 4	27 <sup>16</sup> 16	19 <sup>39</sup> 39	18 <sup>25</sup> 25	0 <sup>23</sup> 23	16 <sup>14</sup> 14	T 30
W31	20 35 57	8 <sup>20</sup> 50	6 <sup>53</sup> 53	26 <sup>8</sup> 8	25 <sup>8</sup> 8	25 <sup>33</sup> 33	12 <sup>18</sup> 18	15 <sup>11</sup> 11	23 <sup>48</sup> 48	10 <sup>3</sup> 3	27 <sup>17</sup> 17	19 <sup>33</sup> 33	18 <sup>22</sup> 22	0 <sup>10</sup> 10	16 <sup>11</sup> 11	W31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	22n59	5n12	5s 2	19n 1	0s19	21n58	0s54	4s 0	0n10	9n39	1n 0	3n38	2s18	8s29	0n37	21s50	1n 6	14n 5	9s14	23s 2	22s59	14s15	8s44	7n 4					
T 2	22 55	0 23	5 14	18 40	0 33	22 7	0 51	4 12	0 9	9 35	1 0	3 39	2 18	8 29	0 37	21 50	1 6	14 5	9 14	23 2	22 58	14 17	8 45	7 4					
W 3	22 50	4s21	5 12	18 19	0 48	22 14	0 49	4 23	0 7	9 32	1 0	3 39	2 18	8 29	0 37	21 50	1 6	14 5	9 14	23 1	22 58	14 19	8 45	7 5					
T 4	22 45	8 50	4 56	17 58	1 2	22 21	0 47	4 35	0 6	9 28	1 0	3 40	2 19	8 30	0 37	21 50	1 6	14 5	9 14	23 1	22 58	14 21	8 46	7 5					
F 5	22 39	12 58	4 27	17 39	1 18	22 27	0 44	4 47	0 5	9 24	1 0	3 41	2 19	8 30	0 37	21 50	1 6	14 5	9 14	23 1	22 58	14 23	8 46	7 5					
S 6	22 33	16 35	3 47	17 20	1 33	22 33	0 42	4 59	0 4	9 21	1 0	3 41	2 19	8 30	0 37	21 50	1 6	14 5	9 14	23 1	22 57	14 24	8 47	7 5					
S 7	22 27	19 33	2 57	17 2	1 49	22 38	0 39	5 11	0 2	9 17	1 0	3 42	2 19	8 30	0 37	21 50	1 6	14 5	9 14	23 2	22 57	14 26	8 47	7 6					
M 8	22 20	21 42	1 58	16 44	2 5	22 43	0 37	5 23	0 1	9 13	1 0	3 42	2 20	8 30	0 37	21 51	1 6	14 5	9 14	23 2	22 57	14 28	8 48	7 6					
T 9	22 13	22 53	0 54	16 28	2 21	22 46	0 34	5 35	0 0	9 9	1 0	3 43	2 20	8 30	0 36	21 51	1 5	14 5	9 14	23 2	22 57	14 30	8 48	7 6					
W10	22 5	22 57	0n14	16 14	2 36	22 49	0 32	5 47	0s 1	9 5	1 0	3 43	2 20	8 31	0 36	21 51	1 5	14 5	9 14	23 2	22 56	14 32	8 49	7 6					
T 11	21 57	21 50	1 23	16 0	2 52	22 52	0 29	5 59	0 2	9 1	1 0	3 43	2 21	8 31	0 36	21 51	1 5	14 5	9 14	23 2	22 56	14 34	8 50	7 7					
F 12	21 49	19 33	2 29	15 48	3 7	22 54	0 27	6 12	0 3	8 57	0 59	3 44	2 21	8 31	0 36	21 51	1 5	14 5	9 14	23 2	22 56	14 36	8 50	7 7					
S 13	21 40	16 10	3 28	15 37	3 22	22 55	0 24	6 24	0 5	8 53	0 59	3 44	2 21	8 31	0 36	21 51	1 5	14 5	9 14	23 1	22 56	14 38	8 51	7 7					
S 14	21 31	11 54	4 17	15 28	3 37	22 55	0 22	6 36	0 6	8 49	0 59	3 44	2 21	8 32	0 36	21 51	1 5	14 5	9 14	23 1	22 55	14 40	8 52	7 7					
M15	21 22	6 57	4 52	15 20	3 50	22 55	0 19	6 49	0 7	8 45	0 59	3 44	2 22	8 32	0 36	21 52	1 5	14 5	9 14	23 1	22 55	14 42	8 52	7 7					
T 16	21 12	1 35	5 9	15 14	4 3	22 54	0 17	7 1	0 8	8 41	0 59	3 45	2 22	8 32	0 36	21 52	1 5	14 5	9 14	23 0	22 55	14 43	8 53	7 8					
W17	21 2	3n53	5 9	15 9	4 15	22 53	0 14	7 14	0 9	8 37	0 59	3 45	2 22	8 33	0 36	21 52	1 5	14 5	9 14	23 0	22 55	14 45	8 54	7 8					
T 18	20 51	9 12	4 49	15 6	4 26	22 50	0 12	7 26	0 10	8 33	0 59	3 45	2 22	8 33	0 36	21 52	1 5	14 5	9 14	23 0	22 54	14 47	8 55	7 8					
F 19	20 40	14 1	4 12	15 5	4 35	22 48	0 9	7 39	0 11	8 29	0 59	3 45	2 23	8 33	0 36	21 52	1 5	14 5	9 14	23 0	22 54	14 49	8 55	7 8					
S 20	20 29	18 4	3 20	15 5	4 43	22 44	0 7	7 52	0 12	8 24	0 59	3 45	2 23	8 34	0 36	21 52	1 5	14 5	9 14	23 0	22 54	14 51	8 56	7 8					
S 21	20 18	21 2	2 15	15 6	4 50	22 40	0 4	8 4	0 13	8 20	0 59	3 45	2 23	8 34	0 36	21 52	1 5	14 5	9 14	23 0	22 54	14 53	8 57	7 8					
M22	20 6	22 42	1 3	15 10	4 55	22 35	0 2	8 17	0 14	8 16	0 59	3 45	2 24	8 35	0 36	21 53	1 5	14 5	9 15	23 0	22 53	14 55	8 58	7 8					
T 23	19 54	22 56	0s13	15 14	4 58	22 30	0n 1	8 30	0 15	8 11	0 59	3 45	2 24	8 35	0 36	21 53	1 5	14 5	9 15	23 0	22 53	14 56	8 59	7 9					
W24	19 41	21 45	1 27	15 20	5 0	22 23	0 4	8 42	0 16	8 7	0 59	3 45	2 24	8 35	0 36	21 53	1 5	14 5	9 15	23 0	22 53	14 58	8 59	7 9					
T 25	19 28	19 18	2 35	15 27	5 0	22 17	0 6	8 55	0 17	8 3	0 59	3 44	2 24	8 36	0 36	21 53	1 5	14 5	9 15	23 0	22 52	15 0	9 0	7 9					
F 26	19 15	15 50	3 33	15 36	4 59	22 9	0 8	9 8	0 18	7 58	0 59	3 44	2 25	8 36	0 36	21 53	1 5	14 5	9 15	22 59	22 52	15 2	9 1	7 9					
S 27	19 1	11 39	4 18	15 45	4 55	22 1	0 11	9 21	0 19	7 54	0 59	3 44	2 25	8 37	0 36	21 53	1 5	14 5	9 15	22 59	22 52	15 4	9 2	7 9					
S 28	18 48	7 1	4 49	15 55	4 50	21 52	0 13	9 34	0 20	7 49	0 59	3 44	2 25	8 38	0 36	21 53	1 5	14 5	9 15	22 58	22 52	15 6	9 3	7 9					
M29	18 33	2 12	5 5	16 6	4 44	21 43	0 16	9 47	0 21	7 45	0 59	3 43	2 25	8 38	0 36	21 53	1 5	14 5	9 15	22 58	22 51	15 7	9 4	7 9					
T 30	18 19	2s36	5 6	16 17	4 36	21 33	0 18	9 59	0 22	7 40	0 58	3 43	2 26	8 39	0 36	21 54	1 5	14 5	9 15	22 57	22 51	15 9	9 5	7 9					
W31	18n 4	7s13	4s54	16n28	4s27	21n22	0n21	10s12	0s23	7n36	0n58	3n43	2s26	8s39	0n36	21s54	1n 5	14n 5	9s15	22s57	22s51	15s11	9s 6	7n					

## ASTRODIENST EPHEMERIS for the year 2644

AUGUST 2644

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 39 53	9♂28'08	18♂52	25°R58	26♂21	26♂ 6	13♂ 5	15°R10	23♂50	10°R 1	27♂19	19°R29	18♂19	0♂36	16°R 7	T 1
F 2	20 43 50	10°25'27	0♂44	25°D54	27°34	26°40	13°17	15°Y 9	23°52	10°Z 0	27°20	19°R26	18°15	0°43	16°R 4	F 2
S 3	20 47 46	11°22'46	12°35	25°E55	28°48	27°13	13°29	15° 9	23°53	9°58	27°21	19°D26	18°12	0°50	16° 1	S 3
S 4	20 51 43	12°20'06	24°29	26° 2	0♂ 1	27°47	13°41	15° 8	23°55	9°57	27°22	19°26	18° 9	0°57	15°57	S 4
M 5	20 55 39	13°17'25	6♂31	26°15	1°15	28°21	13°53	15° 7	23°57	9°56	27°23	19°27	18° 6	1° 3	15°54	M 5
T 6	20 59 36	14°14'46	18°47	26°34	2°29	28°55	14° 5	15° 6	23°59	9°55	27°24	19°R28	18° 3	1°10	15°50	T 6
W 7	21 3 32	15°12'06	1♂21	26°59	3°42	29°29	14°17	15° 5	24° 0	9°53	27°25	19°27	18° 0	1°17	15°47	W 7
T 8	21 7 29	16° 9'27	14°16	27°30	4°56	0♂ 3	14°29	15° 4	24° 2	9°52	27°26	19°25	17°56	1°23	15°44	T 8
F 9	21 11 26	17° 6'49	27°33	28° 8	6° 9	0°37	14°41	15° 2	24° 4	9°51	27°27	19°20	17°53	1°30	15°40	F 9
S 10	21 15 22	18° 4'11	11♂13	28°51	7°23	1°12	14°53	15° 1	24° 6	9°50	27°28	19°13	17°50	1°37	15°37	S 10
S 11	21 19 19	19° 1'34	25°14	29°40	8°37	1°47	15° 5	15° 0	24° 8	9°49	27°29	19° 4	17°47	1°43	15°33	S 11
M12	21 23 15	19°58'58	9♂30	0♂35	9°51	2°22	15°18	14°58	24°10	9°47	27°30	18°54	17°44	1°50	15°30	M12
T 13	21 27 12	20°56'23	23°56	1°36	11° 4	2°57	15°30	14°56	24°13	9°46	27°31	18°45	17°40	1°57	15°27	T 13
W14	21 31 8	21°53'49	8♂27	2°42	12°18	3°32	15°42	14°54	24°15	9°45	27°31	18°38	17°37	2° 3	15°23	W14
T 15	21 35 5	22°51'15	22°55	3°55	13°32	4° 7	15°55	14°53	24°17	9°44	27°32	18°32	17°34	2°10	15°20	T 15
F 16	21 39 1	23°48'44	7♂16	5°12	14°46	4°43	16° 7	14°51	24°19	9°43	27°33	18°29	17°31	2°17	15°16	F 16
S 17	21 42 58	24°46'13	21°28	6°34	16° 0	5°18	16°20	14°49	24°22	9°42	27°34	18°D28	17°28	2°23	15°13	S 17
S 18	21 46 55	25°43'44	5♂18	8° 2	17°14	5°54	16°32	14°46	24°24	9°41	27°35	18°28	17°25	2°30	15°10	S 18
M19	21 50 51	26°41'16	19°17	9°34	18°27	6°30	16°45	14°44	24°26	9°40	27°36	18°R28	17°21	2°37	15° 7	M19
T 20	21 54 48	27°38'49	2♂55	11°11	19°41	7° 6	16°57	14°42	24°29	9°39	27°36	18°28	17°18	2°43	15° 3	T 20
W21	21 58 44	28°36'24	16°21	12°51	20°55	7°42	17°10	14°39	24°31	9°38	27°37	18°25	17°15	2°50	15° 0	W21
T 22	22 2 41	29°34'00	29°37	14°36	22° 9	8°18	17°23	14°37	24°34	9°37	27°38	18°19	17°12	2°57	14°57	T 22
F 23	22 6 37	0♂31'37	12♂41	16°23	23°23	8°55	17°35	14°34	24°36	9°36	27°39	18°11	17° 9	3° 4	14°53	F 23
S 24	22 10 34	1°29'16	25°34	18°14	24°37	9°31	17°48	14°32	24°39	9°35	27°39	18° 0	17° 5	3°10	14°50	S 24
S 25	22 14 30	2°26'55	8♂14	20° 7	25°51	10° 8	18° 1	14°29	24°42	9°35	27°40	17°48	17° 2	3°17	14°47	S 25
M26	22 18 27	3°24'36	20°42	22° 3	27° 6	10°45	18°14	14°26	24°44	9°34	27°41	17°35	16°59	3°24	14°44	M26
T 27	22 22 24	4°22'18	2♂57	24° 0	28°20	11°22	18°26	14°23	24°47	9°33	27°41	17°23	16°56	3°30	14°41	T 27
W28	22 26 20	5°20'01	15° 1	25°59	29°34	11°59	18°39	14°20	24°50	9°32	27°42	17°12	16°53	3°37	14°38	W28
T 29	22 30 17	6°17'45	26°57	27°58	0♂48	12°36	18°52	14°17	24°53	9°32	27°43	17° 4	16°50	3°44	14°35	T 29
F 30	22 34 13	7°15'30	8♂47	29°59	2° 2	13°14	19° 5	14°14	24°55	9°31	27°43	16°59	16°46	3°50	14°32	F 30
S 31	22 38 10	8♂13'17	20♂35	2♂ 0	3♂16	13♂51	19♂18	14°Y11	24♂58	9°Z30	27♂44	16♂56	16♂43	3♂57	14°R29	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	17n49	11s30	4s28	16n40	4s17	21n11	0n23	10s25	0s24	7n31	0n58	3n42	2s26	8s40	0n36	T 1
F 2	17 34	15 18	3 52	16 52	4 5	20 59	0 25	10 38	0 25	7 27	0 58	3 42	2 27	8 41	0 36	F 2
S 3	17 18	18 30	3 5	17 4	3 53	20 47	0 28	10 51	0 26	7 22	0 58	3 41	2 27	8 41	0 36	S 3
S 4	17 2	20 56	2 10	17 16	3 40	20 34	0 30	11 4	0 27	7 18	0 58	3 41	2 27	8 42	0 35	S 4
M 5	16 46	22 27	1 9	17 27	3 26	20 20	0 32	11 17	0 28	7 13	0 58	3 40	2 27	8 43	0 35	M 5
T 6	16 30	22 57	0 4	17 38	3 11	20 6	0 34	11 30	0 28	7 8	0 58	3 39	2 28	8 43	0 35	T 6
W 7	16 13	22 18	1n 3	17 48	2 57	19 51	0 37	11 42	0 29	7 4	0 58	3 39	2 28	8 44	0 35	W 7
T 8	15 56	20 28	2 9	17 57	2 41	19 36	0 39	11 55	0 30	6 59	0 58	3 38	2 28	8 45	0 35	T 8
F 9	15 39	17 29	3 9	18 5	2 26	19 20	0 41	12 8	0 31	6 54	0 58	3 37	2 28	8 45	0 35	F 9
S 10	15 22	13 30	4 0	18 12	2 10	19 3	0 43	12 21	0 32	6 50	0 58	3 36	2 29	8 46	0 35	S 10
S 11	15 4	8 41	4 38	18 17	1 54	18 46	0 45	12 34	0 33	6 45	0 58	3 36	2 29	8 47	0 35	S 11
M12	14 46	3 21	5 0	18 21	1 38	18 29	0 47	12 47	0 34	6 40	0 58	3 35	2 29	8 48	0 35	M12
T 13	14 28	2n14	5 3	18 23	1 23	18 11	0 49	12 59	0 34	6 35	0 58	3 34	2 29	8 49	0 35	T 13
W14	14 10	7 43	4 46	18 24	1 7	17 52	0 51	13 12	0 35	6 31	0 58	3 33	2 30	8 49	0 35	W14
T 15	13 51	12 46	4 11	18 22	0 52	17 33	0 53	13 25	0 36	6 26	0 58	3 32	2 30	8 50	0 35	T 15
F 16	13 32	17 3	3 21	18 18	0 37	17 13	0 55	13 37	0 37	6 21	0 58	3 31	2 30	8 51	0 35	F 16
S 17	13 13	20 18	2 19	18 12	0 23	16 53	0 57	13 50	0 37	6 16	0 58	3 30	2 30	8 52	0 35	S 17
S 18	12 54	22 16	1 9	18 3	0 9	16 33	0 58	14 3	0 38	6 11	0 58	3 29	2 31	8 53	0 35	S 18
M19	12 35	22 51	0s 4	17 52	0n 4	16 12	1 0	14 15	0 39	6 6	0 58	3 28	2 31	8 54	0 35	M19
T 20	12 15	22 3	1 16	17 38	0 17	15 50	1 2	14 28	0 40	6 1	0 58	3 27	2 31	8 55	0 35	T 20
W21	11 55	20 0	2 22	17 21	0 29	15 28	1 3	14 40	0 41	5 56	0 58	3 26	2 31	8 56	0 35	W21
T 22	11 35	16 54	3 20	17 2	0 40	15 6	1 5	14 53	0 41	5 52	0 58	3 25	2 32	8 57	0 35	T 22
F 23	11 15	13 0	4 6	16 40	0 50	14 43	1 6	15 5	0 42	5 47	0 58	3 23	2 32	8 58	0 35	F 23
S 24	10 54	8 35	4 39	16 15	1 0	14 20	1 8	15 17	0 43	5 42	0 58	3 22	2 32	8 59	0 35	S 24
S 25	10 34	3 52	4 57	15 48	1 8	13 57	1 9	15 30	0 43	5 37	0 58	3 21	2 32	9 0	0 35	S 25
M26	10 13	0s56	5 0	15 19	1 16	13 33	1 11	15 42	0 44	5 32	0 58	3 20	2 32	9 1	0 35	M26
T 27	9 52	5 36	4 50	14 46	1 23	13 8	1 12	15 54	0 45	5 27	0 58	3 18	2 33	9 2	0 35	T 27
W28	9 31	10 0	4 27	14 12	1 29	12 44	1 13	16 6	0 45	5 22	0 58	3 17	2 33	9 3	0 35	W28
T 29	9 10	13 57	3 52	13 36	1 34	12 19	1 14	16 18	0 46	5 17	0 58	3 15	2 33	9 4	0 35	T 29
F 30	8 49	17 20	3 7	12 58	1 38	11 53	1 15	16 30	0 47	5 12	0 58	3 14	2 33	9 5	0 35	F 30
S 31	8n27	20s 0	2s15	12n18	1n41	11n28	1n16	16s42	0s47	5n 7	0n58	3n13	2s34	9s 6	0n35	S 31

Julian Day Number = 2686973.5, Delta T = 23m12s

Ecliptic obliquity = 23°21'18, Nutation = 0°00'18

Ayanamsha: Fagan/Bradley = 33°45'24, Lahiri = 32°52'24

## ASTRODIENST EPHEMERIS for the year 2644

SEPTEMBER 2644

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 42 6	9♍11'04	2♊27	4♍0	4♍30	14♍29	19♍31	14°R 7	25♎1	9°R30	27♎44	16°R55	16♎40	4♍4	14°R26	S 1
M 2	22 46 3	10° 8'53	14°28	6° 1	5°45	15° 7	19°44	14°Y 4	25° 4	9♎29	27°45	16♎55	16°37	4°10	14°R23	M 2
T 3	22 49 59	11° 6'43	26°43	8° 1	6°59	15°44	19°56	14° 0	25° 7	9°28	27°45	16°55	16°34	4°17	14°20	T 3
W 4	22 53 56	12° 4'34	9♎17	10° 1	8°13	16°22	20° 9	13°57	25°10	9°28	27°46	16°53	16°31	4°24	14°17	W 4
T 5	22 57 53	13° 2'26	22°14	12° 0	9°27	17° 0	20°22	13°53	25°13	9°27	27°46	16°50	16°27	4°30	14°14	T 5
F 6	23 1 49	14° 0'19	5♎39	13°58	10°42	17°39	20°35	13°50	25°16	9°27	27°47	16°44	16°24	4°37	14°11	F 6
S 7	23 5 46	14°58'14	19°31	15°56	11°56	18°17	20°48	13°46	25°19	9°26	27°47	16°35	16°21	4°44	14° 9	S 7
S 8	23 9 42	15°56'10	3♎48	17°52	13°10	18°55	21° 1	13°42	25°22	9°26	27°48	16°25	16°18	4°50	14° 6	S 8
M 9	23 13 39	16°54'07	18°26	19°47	14°25	19°34	21°14	13°38	25°25	9°26	27°48	16°13	16°15	4°57	14° 3	M 9
T 10	23 17 35	17°52'06	3♎17	21°41	15°39	20°13	21°27	13°34	25°29	9°25	27°49	16° 2	16°11	5° 4	14° 1	T 10
W 11	23 21 32	18°50'07	18°12	23°34	16°53	20°51	21°40	13°30	25°32	9°25	27°49	15°53	16° 8	5°10	13°58	W 11
T 12	23 25 28	19°48'09	3♎2	25°25	18° 8	21°30	21°53	13°26	25°35	9°25	27°49	15°46	16° 5	5°17	13°56	T 12
F 13	23 29 25	20°46'13	17°41	27°16	19°22	22° 9	22° 6	13°22	25°38	9°24	27°50	15°41	16° 2	5°24	13°53	F 13
S 14	23 33 22	21°44'20	2♎4	29° 5	20°37	22°49	22°19	13°18	25°42	9°24	27°50	15°40	15°59	5°30	13°51	S 14
S 15	23 37 18	22°42'28	16° 7	0♎53	21°51	23°28	22°32	13°14	25°45	9°24	27°50	15°39	15°56	5°37	13°49	S 15
M 16	23 41 15	23°40'38	29°52	2°39	23° 5	24° 7	22°45	13°10	25°48	9°24	27°50	15°39	15°52	5°44	13°46	M 16
T 17	23 45 11	24°38'50	13♎20	4°25	24°20	24°47	22°58	13° 6	25°52	9°24	27°51	15°38	15°49	5°51	13°44	T 17
W 18	23 49 8	25°37'04	26°31	6° 9	25°34	25°26	23°11	13° 1	25°55	9°24	27°51	15°35	15°46	5°57	13°42	W 18
T 19	23 53 4	26°35'20	9♎29	7°53	26°49	26° 6	23°24	12°57	25°58	9°23	27°51	15°29	15°43	6° 4	13°40	T 19
F 20	23 57 1	27°33'38	22°14	9°35	28° 4	26°46	23°37	12°52	26° 2	9°23	27°51	15°21	15°40	6°11	13°38	F 20
S 21	0 0 57	28°31'58	4♎49	11°15	29°18	27°25	23°50	12°48	26° 5	9°D23	27°51	15°10	15°37	6°17	13°36	S 21
S 22	0 4 54	29°30'20	17°13	12°55	0♎33	28° 5	24° 3	12°44	26° 9	9°23	27°51	14°57	15°33	6°24	13°34	S 22
M 23	0 8 50	0♎28'44	29°27	14°34	1°47	28°46	24°16	12°39	26°12	9°24	27°52	14°44	15°30	6°31	13°32	M 23
T 24	0 12 47	1°27'09	11♎33	16°11	3° 2	29°26	24°29	12°35	26°16	9°24	27°52	14°31	15°27	6°37	13°30	T 24
W 25	0 16 44	2°25'36	23°30	17°48	4°16	0♎6	24°42	12°30	26°19	9°24	27°52	14°20	15°24	6°44	13°28	W 25
T 26	0 20 40	3°24'05	5♎22	19°23	5°31	0°46	24°55	12°26	26°23	9°24	27°52	14°11	15°21	6°51	13°26	T 26
F 27	0 24 37	4°22'36	17° 9	20°58	6°46	1°27	25° 8	12°21	26°26	9°24	27°R52	14° 5	15°17	6°57	13°25	F 27
S 28	0 28 33	5°21'08	28°56	22°31	8° 0	2° 8	25°21	12°16	26°30	9°24	27°52	14° 2	15°14	7° 4	13°23	S 28
S 29	0 32 30	6°19'42	10♎47	24° 3	9°15	2°48	25°34	12°12	26°34	9°25	27°52	14°D 1	15°11	7°11	13°22	S 29
M 30	0 36 26	7♎18'18	22♎46	25♎35	10♎30	3♎29	25♎46	12°Y 7	26♎37	9♎25	27♎52	14♎1	15♎8	7♎17	13°R20	M 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	8n 6	21s49	1s16	11n36	1n43	11n 2	1n17	16s54	0s48	5n 2	0n58	3n11	2s34	9s 7	0n35	21s57
M 2	7 44	22 40	0 13	10 54	1 45	10 35	1 18	17 5	0 49	4 57	0 58	3 10	2 34	9 8	0 35	21 57
T 3	7 22	22 27	0n52	10 10	1 46	10 9	1 19	17 17	0 49	4 52	0 58	3 8	2 34	9 9	0 34	21 57
W 4	7 0	21 7	1 55	9 25	1 46	9 42	1 20	17 28	0 50	4 47	0 58	3 7	2 34	9 10	0 34	21 57
T 5	6 38	18 39	2 55	8 39	1 45	9 15	1 21	17 40	0 51	4 42	0 58	3 5	2 34	9 11	0 34	21 58
F 6	6 16	15 7	3 47	7 53	1 44	8 47	1 22	17 51	0 51	4 36	0 58	3 4	2 35	9 12	0 34	21 58
S 7	5 54	10 40	4 28	7 6	1 42	8 20	1 22	18 3	0 52	4 31	0 58	3 2	2 35	9 14	0 34	21 58
S 8	5 32	5 31	4 53	6 18	1 40	7 52	1 23	18 14	0 52	4 26	0 58	3 0	2 35	9 15	0 34	21 58
M 9	5 9	0n 3	5 0	5 31	1 37	7 24	1 23	18 25	0 53	4 21	0 58	2 59	2 35	9 16	0 34	21 58
T 10	4 47	5 42	4 47	4 43	1 33	6 56	1 24	18 36	0 54	4 16	0 58	2 57	2 35	9 17	0 34	21 58
W 11	4 24	11 2	4 15	3 55	1 29	6 27	1 24	18 47	0 54	4 11	0 58	2 55	2 35	9 18	0 34	21 58
T 12	4 1	15 41	3 25	3 7	1 25	5 58	1 24	18 57	0 55	4 6	0 58	2 54	2 36	9 19	0 34	21 58
F 13	3 39	19 19	2 22	2 19	1 20	5 30	1 25	19 8	0 55	4 1	0 58	2 52	2 36	9 21	0 34	21 58
S 14	3 16	21 40	1 11	1 31	1 15	5 1	1 25	19 19	0 56	3 56	0 58	2 50	2 36	9 22	0 34	21 58
S 15	2 53	22 36	0s 2	0 43	1 10	4 31	1 25	19 29	0 56	3 51	0 58	2 49	2 36	9 23	0 34	21 58
M 16	2 30	22 27	1 15	0s 4	1 4	4 2	1 25	19 39	0 57	3 46	0 58	2 47	2 36	9 24	0 34	21 58
T 17	2 7	20 21	2 21	0 51	0 58	3 33	1 25	19 49	0 57	3 41	0 58	2 45	2 36	9 26	0 34	21 58
W 18	1 44	17 32	3 18	1 38	0 52	3 3	1 25	20 0	0 58	3 36	0 58	2 43	2 36	9 27	0 34	21 58
T 19	1 21	13 53	4 4	2 25	0 46	2 34	1 25	20 9	0 59	3 30	0 59	2 42	2 36	9 28	0 34	21 58
F 20	0 58	9 40	4 37	3 11	0 39	2 4	1 25	20 19	0 59	3 25	0 59	2 40	2 37	9 29	0 34	21 58
S 21	0 35	5 7	4 56	3 56	0 33	1 34	1 24	20 29	1 0	3 20	0 59	2 38	2 37	9 31	0 34	21 58
S 22	0 12	0 25	5 1	4 42	0 26	1 4	1 24	20 38	1 0	3 15	0 59	2 36	2 37	9 32	0 34	21 59
M 23	0s11	4s14	4 51	5 26	0 19	0 34	1 24	20 48	1 1	3 10	0 59	2 34	2 37	9 33	0 34	21 59
T 24	0 35	8 40	4 29	6 10	0 11	0 4	1 23	20 57	1 1	3 5	0 59	2 32	2 37	9 34	0 34	21 59
W 25	0 58	12 44	3 54	6 54	0 4	0s26	1 23	21 6	1 1	3 0	0 59	2 31	2 37	9 36	0 34	21 59
T 26	1 21	16 15	3 10	7 37	0s 3	0 56	1 22	21 15	1 2	2 55	0 59	2 29	2 37	9 37	0 34	21 59
F 27	1 44	19 6	2 18	8 19	0 11	1 26	1 21	21 24	1 2	2 50	0 59	2 27	2 37	9 38	0 34	21 59
S 28	2 7	21 9	1 19	9 1	0 18	1 56	1 21	21 32	1 3	2 45	0 59	2 25	2 37	9 40	0 34	21 59
S 29	2 30	22 16	0 17	9 42	0 26	2 26	1 20	21 41	1 3	2 40	0 59	2 23	2 37	9 41	0 34	21 59
M 30	2s53	22s23	0n47	10s22	0s33	2s56	1n19	21s49	1s 4	2n35	0n59	2n21	2s37	9s42	0n34	21s59

Julian Day Number = 2687004.5, Delta T = 23m13s

Ecliptic obliquity = 23°21'18", Nutation = 0°00'18"

Ayanamsha: Fagan/Bradley = 33°45'29", Lahiri = 32°52'29"

## ASTRODIENST EPHEMERIS for the year 2644

OCTOBER 2644

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 40 23	8♂16'55	4♂58	27♂5	11♂44	4♂10	25♂59	12°R 2	26♂41	9♂25	27°R52	14°R 1	15♂5	7♂24	13°R19	T 1
W 2	0 44 19	9°15'34	17°29	28°34	12°59	4°51	26°12	11°Y58	26°44	9°26	27°II52	14°R 1	15°2	7°31	13°R17	W 2
T 3	0 48 16	10°14'15	0♂23	0♂2	14°14	5°32	26°25	11°53	26°48	9°26	27°51	13°59	14°58	7°37	13°16	T 3
F 4	0 52 13	11°12'57	13°45	1°29	15°28	6°13	26°38	11°48	26°52	9°26	27°51	13°55	14°55	7°44	13°15	F 4
S 5	0 56 9	12°11'41	27°37	2°55	16°43	6°55	26°51	11°44	26°55	9°27	27°51	13°49	14°52	7°51	13°14	S 5
S 6	1 0 6	13°10'26	11♂57	4°20	17°58	7°36	27°3	11°39	26°59	9°27	27°51	13°41	14°49	7°57	13°13	S 6
M 7	1 4 2	14°9'14	26°43	5°44	19°12	8°18	27°16	11°34	27°3	9°28	27°51	13°32	14°46	8°4	13°12	M 7
T 8	1 7 59	15°8'03	11°Y47	7°7	20°27	8°59	27°29	11°30	27°7	9°28	27°51	13°23	14°42	8°11	13°11	T 8
W 9	1 11 55	16°6'54	26°59	8°29	21°42	9°41	27°41	11°25	27°10	9°29	27°50	13°15	14°39	8°17	13°10	W 9
T 10	1 15 52	17°5'47	12♂9	9°49	22°57	10°23	27°54	11°21	27°14	9°30	27°50	13°9	14°36	8°24	13°9	T 10
F 11	1 19 48	18°4'43	27°7	11°8	24°11	11°4	28°7	11°16	27°18	9°30	27°50	13°6	14°33	8°31	13°8	F 11
S 12	1 23 45	19°3'40	11°II47	12°26	25°26	11°46	28°19	11°11	27°22	9°31	27°49	13°D 5	14°30	8°37	13°8	S 12
S 13	1 27 42	20°2'40	26°3	13°43	26°41	12°28	28°32	11°7	27°25	9°32	27°49	13°5	14°27	8°44	13°7	S 13
M14	1 31 38	21°1'42	9♂55	14°58	27°56	13°10	28°44	11°2	27°29	9°32	27°49	13°6	14°23	8°51	13°6	M14
T 15	1 35 35	22°0'47	23°23	16°12	29°10	13°53	28°57	10°58	27°33	9°33	27°48	13°R 7	14°20	8°57	13°6	T 15
W16	1 39 31	22°59'54	6♂31	17°24	0♂25	14°35	29°9	10°53	27°37	9°34	27°48	13°6	14°17	9°4	13°6	W16
T 17	1 43 28	23°59'03	19°19	18°34	1°40	15°17	29°21	10°49	27°40	9°35	27°48	13°3	14°14	9°11	13°5	T 17
F 18	1 47 24	24°58'14	1♂53	19°43	2°55	16°0	29°34	10°44	27°44	9°36	27°47	12°58	14°11	9°17	13°5	F 18
S 19	1 51 21	25°57'27	14°14	20°49	4°9	16°42	29°46	10°40	27°48	9°37	27°47	12°51	14°8	9°24	13°5	S 19
S 20	1 55 17	26°56'43	26°25	21°54	5°24	17°25	29°58	10°35	27°52	9°38	27°46	12°42	14°4	9°31	13°5	S 20
M21	1 59 14	27°56'00	8♂28	22°56	6°39	18°8	0♂11	10°31	27°56	9°39	27°46	12°34	14°1	9°37	13°D 5	M21
T 22	2 3 11	28°55'20	20°24	23°55	7°54	18°51	0°23	10°27	27°59	9°40	27°45	12°25	13°58	9°44	13°5	T 22
W23	2 7 7	29°54'42	2♂16	24°52	9°9	19°34	0°35	10°22	28°3	9°41	27°45	12°18	13°55	9°51	13°5	W23
T 24	2 11 4	0♂54'06	14°5	25°45	10°24	20°17	0°47	10°18	28°7	9°42	27°44	12°12	13°52	9°57	13°5	T 24
F 25	2 15 0	1°53'32	25°52	26°36	11°38	21°0	0°59	10°14	28°11	9°43	27°44	12°9	13°48	10°4	13°5	F 25
S 26	2 18 57	2°53'00	7♂41	27°23	12°53	21°43	1°11	10°10	28°15	9°44	27°43	12°D 7	13°45	10°11	13°6	S 26
S 27	2 22 53	3°52'30	19°35	28°5	14°8	22°26	1°23	10°6	28°18	9°45	27°42	12°7	13°42	10°17	13°6	S 27
M28	2 26 50	4°52'01	1♂36	28°43	15°23	23°9	1°35	10°2	28°22	9°46	27°42	12°9	13°39	10°24	13°7	M28
T 29	2 30 46	5°51'34	13°49	29°17	16°38	23°53	1°47	9°58	28°26	9°47	27°41	12°10	13°36	10°31	13°7	T 29
W30	2 34 43	6°51'09	26°18	29°45	17°53	24°36	1°58	9°54	28°30	9°49	27°40	12°12	13°33	10°37	13°8	W30
T 31	2 38 40	7♂50'46	9♂8	0♂7	19♂8	25♂20	2♂10	9°Y50	28♂33	9♂50	27°II40	12°R12	13♂29	10♂44	13♂9	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	3s16	21s26	1n49	11s 2	0s41	3s26	1n18	21s57	1s 4	2n30	0n59	2n20	2s37	9s44	0n34	21s59
W 2	3 39	19 26	2 49	11 41	0 49	3 55	1 17	22 5	1 5	2 25	0 59	2 18	2 37	9 45	0 34	21 59
T 3	4 2	16 23	3 41	12 19	0 56	4 25	1 16	22 13	1 5	2 20	0 59	2 16	2 37	9 46	0 34	21 59
F 4	4 25	12 25	4 24	12 57	1 4	4 55	1 15	22 21	1 5	2 15	0 59	2 14	2 38	9 48	0 34	21 59
S 5	4 48	7 40	4 53	13 34	1 11	5 25	1 14	22 28	1 6	2 10	0 59	2 12	2 38	9 49	0 34	21 59
S 6	5 11	2 21	5 5	14 9	1 19	5 54	1 13	22 35	1 6	2 5	1 0	2 10	2 38	9 50	0 34	21 59
M 7	5 34	3n14	4 57	14 45	1 26	6 23	1 11	22 42	1 7	2 0	1 0	2 9	2 38	9 52	0 34	21 59
T 8	5 56	8 46	4 29	15 19	1 33	6 53	1 10	22 49	1 7	1 55	1 0	2 7	2 38	9 53	0 34	21 59
W 9	6 19	13 48	3 41	15 52	1 41	7 22	1 9	22 56	1 7	1 50	1 0	2 5	2 38	9 54	0 34	21 59
T 10	6 42	17 56	2 38	16 25	1 48	7 51	1 7	23 2	1 8	1 45	1 0	2 3	2 38	9 56	0 34	21 59
F 11	7 4	20 49	1 25	16 56	1 55	8 20	1 6	23 9	1 8	1 40	1 0	2 1	2 38	9 57	0 34	21 59
S 12	7 26	22 14	0 7	17 27	2 2	8 48	1 4	23 15	1 8	1 35	1 0	2 0	2 38	9 58	0 34	21 59
S 13	7 49	22 9	1s 9	17 56	2 8	9 17	1 3	23 21	1 9	1 30	1 0	1 58	2 38	10 0	0 34	21 59
M14	8 11	20 40	2 19	18 25	2 15	9 45	1 1	23 26	1 9	1 25	1 0	1 56	2 38	10 1	0 34	21 59
T 15	8 33	18 3	3 20	18 53	2 21	10 13	0 59	23 32	1 9	1 21	1 0	1 54	2 37	10 2	0 34	21 59
W16	8 55	14 35	4 8	19 19	2 27	10 41	0 58	23 37	1 10	1 16	1 0	1 53	2 37	10 4	0 34	21 59
T 17	9 16	10 30	4 42	19 44	2 33	11 8	0 56	23 42	1 10	1 11	1 1	1 51	2 37	10 5	0 34	21 59
F 18	9 38	6 3	5 2	20 9	2 38	11 35	0 54	23 47	1 10	1 6	1 1	1 49	2 37	10 6	0 34	21 59
S 19	10 0	1 27	5 8	20 32	2 44	12 2	0 52	23 52	1 11	1 1	1 1	1 48	2 37	10 8	0 34	21 59
S 20	10 21	3s10	4 59	20 53	2 49	12 29	0 50	23 56	1 11	0 56	1 1	1 46	2 37	10 9	0 34	21 59
M21	10 42	7 36	4 37	21 14	2 53	12 56	0 48	24 0	1 11	0 52	1 1	1 44	2 37	10 11	0 34	21 59
T 22	11 3	11 42	4 3	21 33	2 57	13 22	0 46	24 4	1 11	0 47	1 1	1 43	2 37	10 12	0 34	21 59
W23	11 24	15 20	3 19	21 51	3 1	13 47	0 44	24 8	1 12	0 42	1 1	1 41	2 37	10 13	0 34	21 59
T 24	11 45	18 20	2 26	22 7	3 4	14 13	0 42	24 12	1 12	0 38	1 1	1 39	2 37	10 15	0 34	21 59
F 25	12 5	20 34	1 27	22 21	3 7	14 38	0 40	24 15	1 12	0 33	1 1	1 38	2 37	10 16	0 34	21 59
S 26	12 26	21 55	0 24	22 34	3 9	15 3	0 38	24 18	1 12	0 28	1 2	1 36	2 37	10 17	0 34	21 58
S 27	12 46	22 16	0n41	22 45	3 10	15 27	0 36	24 21	1 13	0 24	1 2	1 35	2 37	10 19	0 34	21 58
M28	13 6	21 36	1 44	22 55	3 11	15 51	0 34	24 23	1 13	0 19	1 2	1 33	2 37	10 20	0 34	21 58
T 29	13 26	19 55	2 44	23 2	3 11	16 15	0 32	24 26	1 13	0 15	1 2	1 32	2 36	10 21	0 34	21 58
W30	13 45	17 15	3 38	23 7	3 10	16 38	0 29	24 28	1 13	0 10	1 2	1 31	2 36	10 23	0 34	21 58
T 31	14s 5	13s41	4n23	23s10	3s 8	17s 1	0n27	24s30	1s13	0n 5	1n 2	1n29	2s36	10s24	0n34	21s58

Julian Day Number = 2687034.5, Delta T = 23m13s

Ecliptic obliquity = 23°21'18, Nutation = 0°00'16

Ayanamsha: Fagan/Bradley = 33°45'33, Lahiri = 32°52'33



## ASTRODIENST EPHEMERIS for the year 2644

DECEMBER 2644

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 40 53	8°54'02	29°42'	19°27'	27°48'	18°25'	7°35'	8°R30	0°M23	10°342	27°R12	11°R43	11°51'	14°M11	14°4	S 1
M 2	4 44 49	9°54'34	13°Y43	20°33'	29°3	19°11'	7°44'	8°Y29	0°26	10°44	27°II10	11°43	11°48	14°17	14°7	M 2
T 3	4 48 46	10°55'08	28°24	21°43	0°18	19°56	7°52	8°28	0°29	10°46	27°9	11°42	11°45	14°24	14°10	T 3
W 4	4 52 42	11°55'43	13°8'19	22°57'	1°33	20°42	8°1	8°28	0°32	10°48	27°8	11°D42	11°41	14°31	14°13	W 4
T 5	4 56 39	12°56'19	28°23	24°13	2°48	21°28	8°10	8°27	0°35	10°50	27°7	11°42	11°38	14°37	14°16	T 5
F 6	5 0 36	13°56'56	13°II27	25°32	4°3	22°14	8°18	8°26	0°38	10°52	27°6	11°R43	11°35	14°44	14°19	F 6
S 7	5 4 32	14°57'35	28°21	26°54	5°17	23°0	8°27	8°26	0°41	10°54	27°5	11°42	11°32	14°51	14°22	S 7
S 8	5 8 29	15°58'16	12°59	28°17	6°32	23°46	8°35	8°25	0°44	10°56	27°4	11°42	11°29	14°57	14°25	S 8
M 9	5 12 25	16°58'57	27°13	29°41	7°47	24°32	8°43	8°25	0°47	10°58	27°3	11°42	11°26	15°4	14°29	M 9
T 10	5 16 22	17°59'40	11°8'1	1°8	9°2	25°18	8°51	8°25	0°50	11°0	27°1	11°41	11°22	15°11	14°32	T 10
W 11	5 20 18	19°0'25	24°23	2°35	10°17	26°4	8°59	8°25	0°53	11°2	27°0	11°40	11°19	15°17	14°35	W 11
T 12	5 24 15	20°1'11	7°19	4°3	11°31	26°50	9°7	8°D25	0°56	11°4	26°59	11°40	11°16	15°24	14°38	T 12
F 13	5 28 11	21°1'58	19°52	5°32	12°46	27°37	9°14	8°25	0°58	11°7	26°58	11°D39	11°13	15°31	14°42	F 13
S 14	5 32 8	22°2'47	2°8	7°1	14°1	28°23	9°22	8°25	1°1	11°9	26°57	11°39	11°10	15°37	14°45	S 14
S 15	5 36 5	23°3'37	14°9	8°31	15°16	29°9	9°29	8°25	1°4	11°11	26°56	11°40	11°6	15°44	14°49	S 15
M 16	5 40 1	24°4'28	26°2	10°2	16°31	29°56	9°36	8°26	1°6	11°13	26°55	11°41	11°3	15°51	14°53	M 16
T 17	5 43 58	25°5'21	7°M50	11°33	17°45	0°42	9°43	8°26	1°9	11°15	26°53	11°43	11°0	15°57	14°56	T 17
W 18	5 47 54	26°6'15	19°38	13°4	19°0	1°28	9°50	8°27	1°12	11°17	26°52	11°44	10°57	16°4	15°0	W 18
T 19	5 51 51	27°7'10	1°29	14°35	20°15	2°15	9°57	8°28	1°14	11°20	26°51	11°45	10°54	16°11	15°4	T 19
F 20	5 55 47	28°8'07	13°26	16°7	21°30	3°2	10°3	8°28	1°17	11°22	26°50	11°R45	10°51	16°17	15°7	F 20
S 21	5 59 44	29°9'04	25°31	17°39	22°45	3°48	10°10	8°29	1°19	11°24	26°49	11°45	10°47	16°24	15°11	S 21
S 22	6 3 40	0°30'102	7°346	19°11	23°59	4°35	10°16	8°30	1°22	11°26	26°48	11°43	10°44	16°31	15°15	S 22
M 23	6 7 37	1°11'01	20°13	20°44	25°14	5°21	10°22	8°32	1°24	11°29	26°46	11°40	10°41	16°37	15°19	M 23
T 24	6 11 34	2°12'01	2°52	22°16	26°29	6°8	10°28	8°33	1°26	11°31	26°45	11°37	10°38	16°44	15°23	T 24
W 25	6 15 30	3°13'01	15°43	23°49	27°43	6°55	10°34	8°34	1°29	11°33	26°44	11°34	10°35	16°50	15°27	W 25
T 26	6 19 27	4°14'02	28°49	25°22	28°58	7°42	10°40	8°36	1°31	11°35	26°43	11°31	10°32	16°57	15°31	T 26
F 27	6 23 23	5°15'03	12°8	26°55	0°13	8°28	10°46	8°37	1°33	11°38	26°42	11°28	10°28	17°4	15°35	F 27
S 28	6 27 20	6°16'05	25°43	28°28	1°28	9°15	10°51	8°39	1°35	11°40	26°41	11°26	10°25	17°10	15°39	S 28
S 29	6 31 16	7°17'07	9°Y32	0°3	2°42	10°2	10°56	8°41	1°37	11°42	26°40	11°D26	10°22	17°17	15°43	S 29
M 30	6 35 13	8°18'09	23°36	1°34	3°57	10°49	11°1	8°43	1°39	11°44	26°38	11°27	10°19	17°24	15°47	M 30
T 31	6 39 9	9°39'11	7°55	3°8	5°12	11°36	11°6	8°Y45	1°M41	11°347	26°II37	11°28	10°16	17°M30	15°52	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	21s42	4n24	5n 3	15s17	2n20	24s 9	0s49	23s21	1s16	1s58	1n 7	1n 3	2s31	11s 2	0n34	S 1
M 2	21 51	9 32	4 30	15 38	2 17	24 12	0 51	23 15	1 16	2 1	1 7	1 3	2 31	11 3	0 34	M 2
T 3	22 0	14 16	3 38	16 0	2 12	24 15	0 53	23 8	1 16	2 5	1 7	1 3	2 30	11 4	0 34	T 3
W 4	22 8	18 11	2 32	16 23	2 8	24 16	0 56	23 1	1 16	2 8	1 8	1 3	2 30	11 5	0 34	W 4
T 5	22 16	20 55	1 13	16 47	2 3	24 17	0 58	22 54	1 16	2 11	1 8	1 2	2 30	11 6	0 34	T 5
F 6	22 24	22 10	0s10	17 11	1 57	24 18	1 0	22 46	1 16	2 14	1 8	1 2	2 30	11 7	0 34	F 6
S 7	22 31	21 49	1 31	17 36	1 51	24 17	1 2	22 39	1 16	2 17	1 8	1 2	2 29	11 9	0 34	S 7
S 8	22 37	19 59	2 45	18 0	1 44	24 16	1 4	22 31	1 16	2 20	1 8	1 2	2 29	11 10	0 34	S 8
M 9	22 43	16 56	3 47	18 25	1 38	24 14	1 6	22 23	1 15	2 23	1 9	1 3	2 29	11 11	0 34	M 9
T 10	22 49	13 1	4 34	18 50	1 31	24 11	1 8	22 14	1 15	2 26	1 9	1 3	2 29	11 12	0 34	T 10
W 11	22 54	8 34	5 3	19 14	1 24	24 8	1 10	22 6	1 15	2 29	1 9	1 3	2 28	11 12	0 34	W 11
T 12	22 59	3 53	5 17	19 37	1 17	24 3	1 12	21 57	1 15	2 32	1 9	1 3	2 28	11 13	0 34	T 12
F 13	23 3	0s50	5 14	20 0	1 10	23 58	1 14	21 48	1 15	2 35	1 10	1 3	2 28	11 14	0 34	F 13
S 14	23 7	5 24	4 58	20 23	1 2	23 53	1 16	21 38	1 15	2 38	1 10	1 4	2 28	11 15	0 34	S 14
S 15	23 10	9 41	4 28	20 44	0 55	23 46	1 18	21 28	1 15	2 40	1 10	1 4	2 28	11 16	0 34	S 15
M 16	23 13	13 33	3 47	21 5	0 48	23 39	1 20	21 19	1 15	2 43	1 10	1 4	2 27	11 17	0 34	M 16
T 17	23 16	16 52	2 57	21 25	0 40	23 31	1 21	21 8	1 14	2 45	1 10	1 5	2 27	11 18	0 34	T 17
W 18	23 18	19 30	2 0	21 45	0 33	23 23	1 23	20 58	1 14	2 48	1 11	1 5	2 27	11 19	0 34	W 18
T 19	23 19	21 19	0 57	22 3	0 25	23 14	1 24	20 48	1 14	2 50	1 11	1 6	2 27	11 20	0 34	T 19
F 20	23 20	22 11	0n 9	22 20	0 18	23 4	1 26	20 37	1 14	2 53	1 11	1 6	2 26	11 21	0 34	F 20
S 21	23 21	22 1	1 15	22 36	0 11	22 53	1 27	20 26	1 14	2 55	1 11	1 7	2 26	11 21	0 34	S 21
S 22	23 21	20 49	2 19	22 51	0 4	22 42	1 29	20 14	1 14	2 57	1 12	1 8	2 26	11 22	0 34	S 22
M 23	23 21	18 36	3 17	23 5	0s 3	22 30	1 30	20 3	1 13	2 59	1 12	1 8	2 26	11 23	0 34	M 23
T 24	23 20	15 27	4 6	23 18	0 10	22 17	1 32	19 51	1 13	3 2	1 12	1 9	2 25	11 24	0 34	T 24
W 25	23 19	11 33	4 44	23 30	0 17	22 4	1 33	19 39	1 13	3 4	1 12	1 10	2 25	11 25	0 34	W 25
T 26	23 17	7 2	5 7	23 40	0 24	21 50	1 34	19 27	1 13	3 6	1 13	1 11	2 25	11 25	0 34	T 26
F 27	23 15	2 8	5 15	23 50	0 31	21 35	1 35	19 15	1 13	3 8	1 13	1 11	2 25	11 26	0 34	F 27
S 28	23 12	2n58	5 5	23 58	0 37	21 20	1 36	19 2	1 12	3 10	1 13	1 12	2 24	11 27	0 34	S 28
S 29	23 9	8 1	4 38	24 5	0 44	21 4	1 37	18 50	1 12	3 11	1 13	1 13	2 24	11 28	0 34	S 29
M 30	23 6	12 45	3 54	24 10	0 50	20 47	1 38	18 37	1 12	3 13	1 14	1 14	2 24	11 28	0 34	M 30
T 31	23s 2	16n51	2n54	24s15	0s56	20s30	1s39	18s23	1s12	3s15	1n14	1n15	2s24	11s29	0n34	T 31

Julian Day Number = 2687095.5, Delta T = 23m14s

Ecliptic obliquity = 23°21'17, Nutation = 0°00'15

Ayanamsha: Fagan/Bradley = 33°45'41, Lahiri = 32°52'41



## ASTRODIENST EPHEMERIS for the year 2645

FEBRUARY 2645

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 45 19	11°54'13	15°13	25°22	14°47	6°48	12°R 9	10°Y41	2°M17	12°Z57	26°R 6	9°R54	8°A34	21°M 3	18°20	S 1
S 2	8 49 16	12°55'13	29°16	27° 1	16° 0	7°35	12°A 8	10°46	2°18	12°59	26°II 5	9°A46	8°31	21°10	18°25	S 2
M 3	8 53 12	13°56'12	13°Q 9	28°39	17°14	8°22	12° 7	10°51	2°18	13° 1	26° 5	9°37	8°28	21°17	18°30	M 3
T 4	8 57 9	14°57'11	26°46	0°X15	18°27	9°10	12° 5	10°56	2°18	13° 3	26° 4	9°25	8°24	21°23	18°35	T 4
W 5	9 1 6	15°58'09	10°M 4	1°50	19°41	9°57	12° 3	11° 1	2°R18	13° 5	26° 3	9°13	8°21	21°30	18°40	W 5
T 6	9 5 2	16°59'06	23° 2	3°23	20°54	10°44	12° 1	11° 6	2°18	13° 7	26° 3	9° 2	8°18	21°37	18°45	T 6
F 7	9 8 59	18° 0'02	5°A40	4°53	22° 8	11°32	11°59	11°12	2°18	13° 9	26° 2	8°53	8°15	21°43	18°49	F 7
S 8	9 12 55	19° 0'58	17°59	6°19	23°21	12°19	11°57	11°17	2°18	13°11	26° 1	8°46	8°12	21°50	18°54	S 8
S 9	9 16 52	20° 1'53	0°M 4	7°42	24°34	13° 6	11°55	11°23	2°18	13°13	26° 1	8°42	8° 9	21°57	18°59	S 9
M10	9 20 48	21° 2'48	11°58	9° 1	25°47	13°54	11°52	11°28	2°17	13°15	26° 0	8°40	8° 5	22° 3	19° 4	M10
T 11	9 24 45	22° 3'42	23°46	10°15	27° 0	14°41	11°49	11°34	2°17	13°17	25°59	8°D39	8° 2	22°10	19° 9	T 11
W12	9 28 41	23° 4'35	5°A35	11°22	28°13	15°28	11°46	11°40	2°17	13°18	25°59	8°R40	7°59	22°17	19°14	W12
T 13	9 32 38	24° 5'28	17°29	12°23	29°26	16°16	11°43	11°46	2°16	13°20	25°58	8°39	7°56	22°23	19°19	T 13
F 14	9 36 35	25° 6'19	29°34	13°17	0°Y39	17° 3	11°40	11°51	2°16	13°22	25°58	8°37	7°53	22°30	19°24	F 14
S 15	9 40 31	26° 7'10	11°Z54	14° 2	1°52	17°50	11°36	11°57	2°15	13°24	25°57	8°33	7°49	22°36	19°29	S 15
S 16	9 44 28	27° 8'00	24°33	14°38	3° 5	18°38	11°32	12° 3	2°15	13°26	25°57	8°26	7°46	22°43	19°33	S 16
M17	9 48 24	28° 8'49	7°A33	15° 5	4°18	19°25	11°28	12° 9	2°14	13°27	25°56	8°16	7°43	22°50	19°38	M17
T 18	9 52 21	29° 9'37	20°54	15°21	5°30	20°12	11°24	12°15	2°14	13°29	25°56	8° 4	7°40	22°56	19°43	T 18
W19	9 56 17	0°X10'23	4°X35	15°R27	6°43	21° 0	11°20	12°22	2°13	13°31	25°55	7°51	7°37	23° 3	19°48	W19
T 20	10 0 14	1°11'09	18°31	15°22	7°55	21°47	11°16	12°28	2°12	13°33	25°55	7°39	7°34	23°10	19°53	T 20
F 21	10 4 10	2°11'53	2°Y38	15° 6	9° 8	22°34	11°11	12°34	2°11	13°34	25°55	7°28	7°30	23°16	19°58	F 21
S 22	10 8 7	3°12'35	16°51	14°40	10°20	23°21	11° 6	12°40	2°10	13°36	25°54	7°19	7°27	23°23	20° 2	S 22
S 23	10 12 3	4°13'16	1°B 6	14° 3	11°32	24° 8	11° 1	12°47	2° 9	13°37	25°54	7°13	7°24	23°30	20° 7	S 23
M24	10 16 0	5°13'56	15°19	13°18	12°45	24°56	10°56	12°53	2° 8	13°39	25°54	7°11	7°21	23°36	20°12	M24
T 25	10 19 57	6°14'34	29°28	12°25	13°57	25°43	10°51	12°59	2° 7	13°41	25°53	7°10	7°18	23°43	20°17	T 25
W26	10 23 53	7°15'10	13°II31	11°26	15° 9	26°30	10°46	13° 6	2° 6	13°42	25°53	7°10	7°15	23°50	20°22	W26
T 27	10 27 50	8°15'44	27°28	10°22	16°21	27°17	10°40	13°13	2° 5	13°44	25°53	7° 9	7°11	23°56	20°26	T 27
F 28	10 31 46	9°X16'17	11°E20	9°X15	17°Y32	28°X 4	10°A35	13°Y19	2°M 4	13°Z45	25°II52	7°A 6	7°A 8	24°M 3	20°A31	F 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	17s10	19n34	2s56	14s32	1s36	7s18	1s26	9s55	1s 0	3s31	1n22	2n 7	2s17	11s41	0n35	21s44
S 2	16 53	16 27	3 51	13 52	1 29	6 48	1 25	9 37	1 0	3 31	1 23	2 9	2 17	11 41	0 35	21 44
M 3	16 35	12 28	4 32	13 11	1 22	6 18	1 23	9 19	0 59	3 30	1 23	2 11	2 17	11 41	0 35	21 44
T 4	16 18	7 55	4 56	12 30	1 14	5 48	1 21	9 1	0 59	3 29	1 23	2 13	2 16	11 41	0 35	21 43
W 5	16 0	3 5	5 3	11 48	1 5	5 17	1 19	8 43	0 58	3 28	1 23	2 15	2 16	11 41	0 35	21 43
T 6	15 41	1s45	4 54	11 5	0 55	4 47	1 17	8 24	0 58	3 27	1 24	2 17	2 16	11 41	0 35	21 43
F 7	15 23	6 23	4 31	10 23	0 45	4 16	1 15	8 6	0 57	3 26	1 24	2 20	2 16	11 41	0 35	21 43
S 8	15 4	10 40	3 55	9 41	0 33	3 45	1 13	7 47	0 57	3 25	1 24	2 22	2 16	11 40	0 35	21 43
S 9	14 45	14 25	3 10	8 59	0 21	3 14	1 11	7 29	0 56	3 24	1 24	2 24	2 16	11 40	0 35	21 42
M10	14 26	17 33	2 17	8 17	0 8	2 43	1 8	7 10	0 56	3 23	1 25	2 27	2 15	11 40	0 35	21 42
T 11	14 6	19 55	1 18	7 37	0n 5	2 12	1 6	6 52	0 55	3 21	1 25	2 29	2 15	11 40	0 35	21 42
W12	13 47	21 26	0 16	6 58	0 20	1 41	1 3	6 33	0 55	3 20	1 25	2 31	2 15	11 40	0 35	21 42
T 13	13 27	22 0	0n47	6 21	0 35	1 9	1 1	6 14	0 54	3 18	1 25	2 34	2 15	11 40	0 35	21 42
F 14	13 6	21 33	1 49	5 46	0 51	0 38	0 58	5 55	0 54	3 17	1 26	2 36	2 15	11 40	0 35	21 41
S 15	12 46	20 4	2 47	5 14	1 7	0 7	0 56	5 36	0 53	3 15	1 26	2 38	2 15	11 40	0 36	21 41
S 16	12 25	17 34	3 38	4 45	1 23	0n25	0 53	5 18	0 53	3 14	1 26	2 41	2 15	11 39	0 36	21 41
M17	12 5	14 8	4 19	4 20	1 40	0 56	0 50	4 59	0 52	3 12	1 26	2 43	2 14	11 39	0 36	21 41
T 18	11 44	9 56	4 47	3 58	1 56	1 27	0 47	4 40	0 52	3 10	1 26	2 46	2 14	11 39	0 36	21 41
W19	11 22	5 8	5 0	3 41	2 12	1 59	0 44	4 21	0 51	3 8	1 27	2 48	2 14	11 39	0 36	21 40
T 20	11 1	0n 0	4 55	3 28	2 28	2 30	0 41	4 1	0 51	3 6	1 27	2 51	2 14	11 38	0 36	21 40
F 21	10 39	5 13	4 32	3 21	2 43	3 1	0 38	3 42	0 50	3 4	1 27	2 53	2 14	11 38	0 36	21 40
S 22	10 18	10 11	3 53	3 18	2 56	3 32	0 35	3 23	0 49	3 2	1 27	2 56	2 14	11 38	0 36	21 40
S 23	9 56	14 36	2 58	3 21	3 9	4 3	0 32	3 4	0 49	3 0	1 28	2 59	2 14	11 37	0 36	21 40
M24	9 34	18 10	1 53	3 28	3 19	4 34	0 29	2 45	0 48	2 58	1 28	3 1	2 14	11 37	0 36	21 40
T 25	9 11	20 38	0 41	3 40	3 28	5 5	0 26	2 26	0 48	2 56	1 28	3 4	2 13	11 37	0 36	21 39
W26	8 49	21 47	0s34	3 56	3 35	5 36	0 22	2 7	0 47	2 54	1 28	3 6	2 13	11 36	0 36	21 39
T 27	8 27	21 35	1 45	4 16	3 39	6 7	0 19	1 47	0 47	2 51	1 28	3 9	2 13	11 36	0 36	21 39
F 28	8s 4	20n 3	2s50	4s39	3n41	6n37	0s15	1s28	0s46	2s49	1n29	3n12	2s13	11s35	0n36	21s39

Julian Day Number = 2687157.5, Delta T = 23m14s

Ecliptic obliquity = 23°21'16, Nutation = 0°00'18

Ayanamsha: Fagan/Bradley = 33°45'50, Lahiri = 32°52'50



# ASTRODIENST EPHEMERIS for the year 2645

APRIL 2645

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 37 56	11°19'06	14°39'39	14°38'20	24°46'46	22°55'55	6°R45	17°V 7	1°R 4	14°31'17	25°11'56	3°R54	5°26'26	27°36'36	22°46'46	T 1
W 2	12 41 52	12°18'39	27°19'19	15°34'44	25°53'53	23°41'41	6°38'38	17°15'15	1°0'0	14°18'18	25°57'57	3°44'44	5°23'23	27°42'42	22°50'50	W 2
T 3	12 45 49	13°18'10	9°47'47	16°49'49	27°0'0	24°27'27	6°30'30	17°22'22	1°0'0	14°18'18	25°57'57	3°35'35	5°20'20	27°49'49	22°53'53	T 3
F 4	12 49 46	14°17'39	22°3'3	18°7'7	28°7'7	25°13'13	6°22'22	17°30'30	0°57'57	14°19'19	25°58'58	3°27'27	5°17'17	27°56'56	22°57'57	F 4
S 5	12 53 42	15°17'07	4°39'39	19°26'26	29°14'14	25°59'59	6°15'15	17°37'37	0°55'55	14°19'19	25°58'58	3°21'21	5°14'14	28°2'2	23°0'0	S 5
S 6	12 57 39	16°16'32	16°5'5	20°47'47	0°11'11	26°45'45	6°7'7	17°45'45	0°52'52	14°19'19	25°59'59	3°17'17	5°11'11	28°9'9	23°4'4	S 6
M 7	13 1 35	17°15'56	27°56'56	22°10'10	1°26'26	27°30'30	5°59'59	17°52'52	0°50'50	14°20'20	26°0'0	3°D15	5°7'7	28°15'15	23°7'7	M 7
T 8	13 5 32	18°15'17	9°43'43	23°34'34	2°32'32	28°16'16	5°52'52	18°0'0	0°47'47	14°20'20	26°0'0	3°15'15	5°4'4	28°22'22	23°10'10	T 8
W 9	13 9 28	19°14'37	21°31'31	25°0'0	3°38'38	29°2'2	5°44'44	18°7'7	0°45'45	14°20'20	26°1'1	3°17'17	5°1'1	28°29'29	23°14'14	W 9
T 10	13 13 25	20°13'55	3°32'32	26°27'27	4°44'44	29°48'48	5°37'37	18°15'15	0°42'42	14°20'20	26°2'2	3°18'18	4°58'58	28°35'35	23°17'17	T 10
F 11	13 17 21	21°13'12	15°27'27	27°56'56	5°49'49	0°33'33	5°30'30	18°22'22	0°40'40	14°20'20	26°2'2	3°19'19	4°55'55	28°42'42	23°20'20	F 11
S 12	13 21 18	22°12'26	27°46'46	29°27'27	6°54'54	1°19'19	5°23'23	18°30'30	0°37'37	14°21'21	26°3'3	3°R19	4°52'52	28°49'49	23°23'23	S 12
S 13	13 25 15	23°11'39	10°25'25	0°59'59	7°59'59	2°4'4	5°15'15	18°37'37	0°35'35	14°21'21	26°4'4	3°18'18	4°48'48	28°55'55	23°26'26	S 13
M14	13 29 11	24°10'50	23°29'29	2°33'33	9°3'3	2°50'50	5°8'8	18°45'45	0°32'32	14°21'21	26°4'4	3°14'14	4°45'45	29°2'2	23°29'29	M14
T 15	13 33 8	25°10'00	7°3'3	4°8'8	10°7'7	3°35'35	5°1'1	18°52'52	0°29'29	14°21'21	26°5'5	3°10'10	4°42'42	29°9'9	23°32'32	T 15
W16	13 37 4	26°9'07	20°58'58	5°44'44	11°11'11	4°21'21	4°55'55	18°59'59	0°27'27	14°R21	26°6'6	3°4'4	4°39'39	29°15'15	23°35'35	W16
T 17	13 41 1	27°8'13	5°42'42	7°22'22	12°15'15	5°6'6	4°48'48	19°7'7	0°24'24	14°21'21	26°7'7	2°59'59	4°36'36	29°22'22	23°38'38	T 17
F 18	13 44 57	28°7'17	20°2'2	9°2'2	13°18'18	5°5'5	4°41'41	19°14'14	0°22'22	14°21'21	26°7'7	2°53'53	4°32'32	29°29'29	23°41'41	F 18
S 19	13 48 54	29°6'19	5°3'3	10°43'43	14°21'21	6°36'36	4°35'35	19°22'22	0°19'19	14°21'21	26°8'8	2°50'50	4°29'29	29°35'35	23°43'43	S 19
S 20	13 52 50	0°3'3	20°6'6	12°25'25	15°24'24	7°22'22	4°28'28	19°29'29	0°17'17	14°21'21	26°9'9	2°48'48	4°26'26	29°42'42	23°46'46	S 20
M21	13 56 47	1°4'17	5°11'11	14°9'9	16°26'26	8°7'7	4°22'22	19°37'37	0°14'14	14°20'20	26°10'10	2°D47	4°23'23	29°48'48	23°48'48	M21
T 22	14 0 44	2°3'12	19°50'50	15°55'55	17°29'29	8°52'52	4°15'15	19°44'44	0°11'11	14°20'20	26°11'11	2°48'48	4°20'20	29°55'55	23°51'51	T 22
W23	14 4 40	3°2'06	4°59'59	17°42'42	18°30'30	9°37'37	4°9'9	19°51'51	0°9'9	14°20'20	26°12'12	2°49'49	4°17'17	0°2'2	23°54'54	W23
T 24	14 8 37	4°0'57	18°28'28	19°31'31	19°32'32	10°22'22	4°3'3	19°59'59	0°6'6	14°20'20	26°13'13	2°51'51	4°13'13	0°8'8	23°56'56	T 24
F 25	14 12 33	4°59'46	2°16'16	21°21'21	20°33'33	11°7'7	3°58'58	20°6'6	0°4'4	14°19'19	26°13'13	2°R51	4°10'10	0°15'15	23°58'58	F 25
S 26	14 16 30	5°58'33	15°42'42	23°12'12	21°33'33	11°52'52	3°52'52	20°13'13	0°1'1	14°19'19	26°14'14	2°51'51	4°7'7	0°22'22	24°1'1	S 26
S 27	14 20 26	6°57'17	28°50'50	25°5'5	22°34'34	12°37'37	3°46'46	20°21'21	29°58'58	14°19'19	26°15'15	2°49'49	4°4'4	0°28'28	24°3'3	S 27
M28	14 24 23	7°55'59	11°39'39	27°0'0	23°34'34	13°22'22	3°41'41	20°28'28	29°56'56	14°18'18	26°16'16	2°47'47	4°1'1	0°35'35	24°5'5	M28
T 29	14 28 19	8°54'39	24°16'16	28°57'57	24°33'33	14°6'6	3°36'36	20°35'35	29°53'53	14°18'18	26°17'17	2°43'43	3°57'57	0°42'42	24°7'7	T 29
W30	14 32 16	9°53'17	6°38'38	0°3'3	25°11'11	14°51'51	3°30'30	20°42'42	29°51'51	14°38'38	26°18'18	2°40'40	3°54'54	0°48'48	24°9'9	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
T 1	4n28	1n24	5s 1	7s46	1s45	20n40	1n50	8n28	0s26	1s16	1n32	4n41	2s11	11s14	0n36	T 1
W 2	4 51	3s14	4 41	7 23	1 51	21 0	1 54	8 46	0 26	1 13	1 32	4 44	2 11	11 14	0 36	W 2
T 3	5 14	7 39	4 8	6 59	1 57	21 20	1 58	9 3	0 25	1 10	1 32	4 47	2 11	11 13	0 36	T 3
F 4	5 37	11 42	3 24	6 34	2 2	21 39	2 2	9 21	0 24	1 7	1 32	4 49	2 11	11 12	0 36	F 4
S 5	6 0	15 13	2 31	6 7	2 7	21 58	2 6	9 38	0 24	1 4	1 32	4 52	2 11	11 11	0 36	S 5
S 6	6 23	18 3	1 32	5 39	2 12	22 16	2 10	9 55	0 23	1 1	1 32	4 55	2 11	11 10	0 36	S 6
M 7	6 45	20 6	0 29	5 10	2 15	22 33	2 14	10 12	0 22	0 58	1 32	4 58	2 11	11 9	0 36	M 7
T 8	7 8	21 15	0n35	4 40	2 19	22 50	2 17	10 29	0 22	0 55	1 32	5 1	2 11	11 8	0 36	T 8
W 9	7 30	21 28	1 38	4 9	2 22	23 7	2 21	10 46	0 21	0 52	1 32	5 3	2 11	11 8	0 36	W 9
T 10	7 53	20 42	2 36	3 37	2 24	23 23	2 25	11 3	0 20	0 49	1 32	5 6	2 11	11 7	0 36	T 10
F 11	8 15	19 0	3 29	3 3	2 26	23 38	2 28	11 19	0 20	0 47	1 31	5 9	2 11	11 6	0 36	F 11
S 12	8 37	16 23	4 14	2 29	2 27	23 53	2 32	11 35	0 19	0 44	1 31	5 12	2 11	11 5	0 36	S 12
S 13	8 59	12 57	4 47	1 53	2 28	24 7	2 36	11 52	0 18	0 41	1 31	5 15	2 11	11 4	0 36	S 13
M14	9 21	8 49	5 7	1 16	2 29	24 21	2 39	12 8	0 18	0 38	1 31	5 17	2 11	11 3	0 36	M14
T 15	9 42	4 6	5 11	0 39	2 29	24 34	2 42	12 24	0 17	0 36	1 31	5 20	2 11	11 2	0 36	T 15
W16	10 4	0n58	4 56	0 0	2 28	24 47	2 46	12 40	0 16	0 33	1 31	5 23	2 11	11 1	0 36	W16
T 17	10 25	6 9	4 23	0n39	2 27	24 59	2 49	12 56	0 16	0 30	1 31	5 26	2 11	11 0	0 36	T 17
F 18	10 46	11 6	3 32	1 20	2 26	25 10	2 52	13 11	0 15	0 28	1 31	5 29	2 12	11 0	0 36	F 18
S 19	11 7	15 27	2 26	2 1	2 24	25 21	2 56	13 27	0 14	0 25	1 31	5 31	2 12	10 59	0 36	S 19
S 20	11 28	18 49	1 9	2 43	2 22	25 31	2 59	13 42	0 14	0 23	1 31	5 34	2 12	10 58	0 36	S 20
M21	11 48	20 52	0s13	3 26	2 19	25 41	3 2	13 57	0 13	0 21	1 31	5 37	2 12	10 57	0 36	M21
T 22	12 9	21 26	1 32	4 10	2 15	25 50	3 5	14 12	0 12	0 18	1 30	5 39	2 12	10 56	0 36	T 22
W23	12 29	20 33	2 44	4 54	2 11	25 58	3 7	14 27	0 12	0 16	1 30	5 42	2 12	10 55	0 36	W23
T 24	12 49	18 22	3 45	5 39	2 7	26 6	3 10	14 42	0 11	0 14	1 30	5 45	2 12	10 54	0 36	T 24
F 25	13 8	15 11	4 31	6 25	2 2	26 13	3 13	14 57	0 10	0 11	1 30	5 47	2 12	10 53	0 36	F 25
S 26	13 28	11 17	5 0	7 11	1 56	26 20	3 15	15 11	0 10	0 9	1 30	5 50	2 12	10 52	0 36	S 26
S 27	13 47	6 56	5 14	7 58	1 50	26 26	3 18	15 25	0 9	0 7	1 30	5 53	2 12	10 52	0 36	S 27
M28	14 6	2 22	5 11	8 45	1 44	26 32	3 20	15 40	0 8	0 5	1 30	5 55	2 12	10 51	0 36	M28
T 29	14 25	2s12	4 53	9 33	1 37	26 37	3 22	15 53	0 8	0 3	1 29	5 58	2 12	10 50	0 36	T 29
W30	14n44	6s37	4s21	10n21	1s30	26n41	3n25	16n 7	0s 7	0s 1	1n29	6n 1	2s12	10s49	0n36	W30

Julian Day Number = 2687216.5, Delta T = 23m15s  
 Ecliptic obliquity = 23°21'17", Nutation = 0°00'16"  
 Ayanamsha: Fagan/Bradley = 33°45'58", Lahiri = 32°52'58"

## ASTRODIENST EPHEMERIS for the year 2645

MAY 2645

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 36 13	10 <sup>8</sup> 51'53	18 <sup>2</sup> 50	2 <sup>8</sup> 54	26 <sup>II</sup> 31	15 <sup>8</sup> 36	3°R25	20°Y49	29°R48	14°R17	26 <sup>II</sup> 19	2°R36	3 <sup>7</sup> 51	0 <sup>7</sup> 55	24 <sup>2</sup> 11	T 1
F 2	14 40 9	11°50'27	0 <sup>III</sup> 53	4°55	27°29	16°20	3 <sup>2</sup> 21	20°57	29 <sup>2</sup> 46	14 <sup>7</sup> 17	26°20	2 <sup>7</sup> 33	3°48	1° 2	24°13	F 2
S 3	14 44 6	12°48'59	12°50	6°57	28°27	17° 5	3°16	21° 4	29°43	14°16	26°21	2°31	3°45	1° 8	24°15	S 3
S 4	14 48 2	13°47'29	24°41	9° 0	29°24	17°49	3°11	21°11	29°41	14°15	26°22	2°30	3°42	1°15	24°17	S 4
M 5	14 51 59	14°45'57	6 <sup>7</sup> 29	11° 5	0 <sup>2</sup> 20	18°34	3° 7	21°18	29°38	14°15	26°24	2°D30	3°38	1°21	24°18	M 5
T 6	14 55 55	15°44'24	18°16	13°11	1°17	19°18	3° 3	21°25	29°36	14°14	26°25	2°30	3°35	1°28	24°20	T 6
W 7	14 59 52	16°42'49	0 <sup>7</sup> 36	15°18	2°12	20° 2	2°59	21°32	29°33	14°14	26°26	2°31	3°32	1°35	24°22	W 7
T 8	15 3 48	17°41'12	12° 2	17°26	3° 7	20°47	2°55	21°39	29°31	14°13	26°27	2°33	3°29	1°41	24°23	T 8
F 9	15 7 45	18°39'34	24° 7	19°35	4° 2	21°31	2°51	21°46	29°29	14°12	26°28	2°34	3°26	1°48	24°25	F 9
S 10	15 11 42	19°37'54	6 <sup>2</sup> 26	21°44	4°56	22°15	2°48	21°53	29°26	14°11	26°29	2°35	3°23	1°55	24°26	S 10
S 11	15 15 38	20°36'12	19° 3	23°54	5°49	22°59	2°44	22° 0	29°24	14°11	26°30	2°R35	3°19	2° 1	24°27	S 11
M12	15 19 35	21°34'29	2 <sup>7</sup> 2	26° 3	6°42	23°43	2°41	22° 7	29°22	14°10	26°31	2°35	3°16	2° 8	24°29	M12
T 13	15 23 31	22°32'45	15°27	28°12	7°34	24°28	2°38	22°14	29°19	14° 9	26°33	2°34	3°13	2°15	24°30	T 13
W14	15 27 28	23°30'59	29°18	0 <sup>II</sup> 21	8°25	25°12	2°35	22°20	29°17	14° 8	26°34	2°33	3°10	2°21	24°31	W14
T 15	15 31 24	24°29'12	13 <sup>7</sup> 35	2°28	9°16	25°55	2°33	22°27	29°15	14° 7	26°35	2°32	3° 7	2°28	24°32	T 15
F 16	15 35 21	25°27'23	28°16	4°35	10° 6	26°39	2°30	22°34	29°12	14° 6	26°36	2°32	3° 3	2°35	24°33	F 16
S 17	15 39 17	26°25'32	13 <sup>8</sup> 16	6°40	10°55	27°23	2°28	22°40	29°10	14° 6	26°37	2°31	3° 0	2°41	24°34	S 17
S 18	15 43 14	27°23'41	28°26	8°43	11°44	28° 7	2°26	22°47	29° 8	14° 5	26°39	2°D31	2°57	2°48	24°35	S 18
M19	15 47 11	28°21'47	13 <sup>II</sup> 37	10°44	12°31	28°51	2°24	22°54	29° 6	14° 4	26°40	2°31	2°54	2°55	24°35	M19
T 20	15 51 7	29°19'52	28°39	12°43	13°18	29°34	2°22	23° 0	29° 4	14° 3	26°41	2°31	2°51	3° 1	24°36	T 20
W21	15 55 4	0 <sup>II</sup> 17'55	13 <sup>2</sup> 25	14°40	14° 4	0 <sup>II</sup> 18	2°20	23° 7	29° 2	14° 2	26°42	2°31	2°48	3° 8	24°37	W21
T 22	15 59 0	1°15'57	27°49	16°34	14°49	1° 2	2°19	23°13	29° 0	14° 0	26°44	2°32	2°44	3°14	24°37	T 22
F 23	16 2 57	2°13'56	11 <sup>2</sup> 47	18°25	15°34	1°45	2°18	23°20	28°58	13°59	26°45	2°R32	2°41	3°21	24°38	F 23
S 24	16 6 53	3°11'54	25°20	20°13	16°17	2°29	2°17	23°26	28°56	13°58	26°46	2°32	2°38	3°28	24°38	S 24
S 25	16 10 50	4° 9'49	8 <sup>II</sup> 28	21°58	16°59	3°12	2°16	23°32	28°54	13°57	26°47	2°D32	2°35	3°34	24°39	S 25
M26	16 14 46	5° 7'43	21°14	23°40	17°40	3°55	2°15	23°38	28°52	13°56	26°49	2°32	2°32	3°41	24°39	M26
T 27	16 18 43	6° 5'36	3 <sup>2</sup> 42	25°19	18°20	4°39	2°15	23°45	28°50	13°55	26°50	2°32	2°29	3°48	24°39	T 27
W28	16 22 40	7° 3'26	15°55	26°54	18°59	5°22	2°14	23°51	28°48	13°54	26°51	2°32	2°25	3°54	24°39	W28
T 29	16 26 36	8° 1'15	27°57	28°26	19°36	6° 5	2°D14	23°57	28°46	13°52	26°53	2°33	2°22	4° 1	24°40	T 29
F 30	16 30 33	8°59'02	9 <sup>II</sup> 51	29°54	20°13	6°48	2°14	24° 3	28°44	13°51	26°54	2°33	2°19	4° 8	24°R40	F 30
S 31	16 34 29	9 <sup>II</sup> 56'48	21 <sup>II</sup> 41	1 <sup>2</sup> 19	20 <sup>2</sup> 48	7 <sup>II</sup> 32	2 <sup>2</sup> 14	24°Y 9	28 <sup>2</sup> 43	13 <sup>7</sup> 50	26 <sup>II</sup> 55	2 <sup>7</sup> 34	2 <sup>7</sup> 16	4 <sup>7</sup> 14	24 <sup>2</sup> 40	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	15n 2	10s43	3s38	11n 9	1s22	26n45	3n27	16n21	0s 6	0n 0	1n29	6n 3	2s12	10s48	0n36	T 1
F 2	15 20	14 20	2 46	11 57	1 14	26 48	3 28	16 34	0 6	0 2	1 29	6 6	2 12	10 47	0 36	F 2
S 3	15 38	17 20	1 47	12 46	1 5	26 51	3 30	16 48	0 5	0 4	1 29	6 8	2 13	10 46	0 36	S 3
S 4	15 55	19 34	0 43	13 34	0 56	26 53	3 32	17 1	0 4	0 5	1 29	6 11	2 13	10 45	0 36	S 4
M 5	16 13	20 57	0n22	14 22	0 47	26 55	3 33	17 14	0 4	0 7	1 28	6 14	2 13	10 45	0 36	M 5
T 6	16 30	21 24	1 26	15 9	0 37	26 56	3 35	17 26	0 3	0 9	1 28	6 16	2 13	10 44	0 36	T 6
W 7	16 46	20 54	2 27	15 56	0 27	26 56	3 36	17 39	0 2	0 10	1 28	6 19	2 13	10 43	0 36	W 7
T 8	17 3	19 27	3 22	16 43	0 17	26 56	3 37	17 51	0 2	0 11	1 28	6 21	2 13	10 42	0 36	T 8
F 9	17 19	17 8	4 9	17 28	0 6	26 56	3 38	18 4	0 1	0 13	1 28	6 24	2 13	10 41	0 36	F 9
S 10	17 35	13 59	4 45	18 12	0n 4	26 55	3 39	18 16	0 1	0 14	1 27	6 26	2 13	10 40	0 36	S 10
S 11	17 50	10 10	5 9	18 55	0 15	26 53	3 40	18 27	0n 0	0 15	1 27	6 29	2 13	10 40	0 36	S 11
M12	18 6	5 46	5 17	19 37	0 26	26 51	3 40	18 39	0 1	0 16	1 27	6 31	2 13	10 39	0 36	M12
T 13	18 21	0 57	5 10	20 17	0 36	26 48	3 40	18 50	0 1	0 17	1 27	6 33	2 14	10 38	0 36	T 13
W14	18 35	4n 4	4 44	20 54	0 46	26 45	3 41	19 2	0 2	0 18	1 27	6 36	2 14	10 37	0 36	W14
T 15	18 49	9 2	4 0	21 30	0 57	26 42	3 41	19 13	0 3	0 19	1 26	6 38	2 14	10 36	0 36	T 15
F 16	19 3	13 37	2 59	22 4	1 6	26 38	3 40	19 24	0 3	0 20	1 26	6 40	2 14	10 36	0 36	F 16
S 17	19 17	17 26	1 45	22 35	1 16	26 34	3 40	19 34	0 4	0 20	1 26	6 43	2 14	10 35	0 36	S 17
S 18	19 30	20 7	0 23	23 4	1 25	26 29	3 39	19 45	0 5	0 21	1 26	6 45	2 14	10 34	0 36	S 18
M19	19 43	21 20	1s 1	23 31	1 33	26 24	3 38	19 55	0 5	0 22	1 26	6 47	2 14	10 33	0 36	M19
T 20	19 56	21 0	2 20	23 55	1 41	26 18	3 37	20 5	0 6	0 22	1 25	6 50	2 14	10 33	0 36	T 20
W21	20 8	19 13	3 29	24 16	1 48	26 12	3 36	20 15	0 7	0 23	1 25	6 52	2 15	10 32	0 36	W21
T 22	20 20	16 15	4 22	24 35	1 55	26 6	3 35	20 25	0 7	0 23	1 25	6 54	2 15	10 31	0 36	T 22
F 23	20 32	12 25	4 58	24 51	2 0	25 59	3 33	20 34	0 8	0 23	1 25	6 56	2 15	10 31	0 36	F 23
S 24	20 43	8 4	5 16	25 5	2 5	25 52	3 31	20 43	0 9	0 23	1 24	6 59	2 15	10 30	0 36	S 24
S 25	20 54	3 28	5 16	25 16	2 10	25 44	3 29	20 52	0 9	0 24	1 24	7 1	2 15	10 29	0 36	S 25
M26	21 5	1s 9	5 1	25 25	2 13	25 37	3 27	21 1	0 10	0 24	1 24	7 3	2 15	10 29	0 36	M26
T 27	21 15	5 38	4 32	25 32	2 16	25 29	3 24	21 10	0 10	0 24	1 24	7 5	2 15	10 28	0 36	T 27
W28	21 25	9 48	3 51	25 36	2 17	25 20	3 21	21 18	0 11	0 24	1 24	7 7	2 16	10 27	0 36	W28
T 29	21 34	13 31	3 1	25 39	2 18	25 12	3 18	21 26	0 12	0 23	1 23	7 9	2 16	10 27	0 36	T 29
F 30	21 43	16 40	2 3	25 39	2 18	25 3	3 15	21 34	0 12	0 23	1 23	7 11	2 16	10 26	0 35	F 30
S 31	21n52	19s 5	1s 0	25n38	2n17	24n54	3n11	21n42	0n13	0n23	1n23	7n13	2s16	10s26	0n35	S 31

Julian Day Number = 2687246.5, Delta T = 23m15s

Ecliptic obliquity = 23°21'16, Nutation = 0°00'14

Ayanamsha: Fagan/Bradley = 33°46'02, Lahiri = 32°53'02

## ASTRODIENST EPHEMERIS for the year 2645

JUNE 2645

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 38 26	10♐54'33	3♊28	2♋41	21♌22	8♍15	2♎15	24♏15	28♐R41	13♑R49	26♒57	2♓R34	2♊13	4♋21	24♌R39	S 1
M 2	16 42 22	11°52'16	15°17	3°58	21°54	8°58	2°15	24°21	28♐R39	13♑R47	26♒58	2♓R34	2° 9	4°28	24♌R39	M 2
T 3	16 46 19	12°49'58	27° 7	5°13	22°25	9°41	2°16	24°27	28°38	13°46	26°59	2°33	2° 6	4°34	24°39	T 3
W 4	16 50 15	13°47'39	9♈3	6°23	22°55	10°23	2°17	24°32	28°36	13°45	27° 1	2°32	2° 3	4°41	24°39	W 4
T 5	16 54 12	14°45'18	21° 6	7°30	23°23	11° 6	2°18	24°38	28°35	13°43	27° 2	2°30	2° 0	4°47	24°38	T 5
F 6	16 58 9	15°42'57	3♋19	8°33	23°49	11°49	2°20	24°44	28°33	13°42	27° 3	2°28	1°57	4°54	24°38	F 6
S 7	17 2 5	16°40'34	15°44	9°32	24°14	12°32	2°21	24°49	28°32	13°41	27° 5	2°27	1°54	5° 1	24°37	S 7
S 8	17 6 2	17°38'10	28°24	10°27	24°37	13°14	2°23	24°55	28°30	13°39	27° 6	2°25	1°50	5° 7	24°37	S 8
M 9	17 9 58	18°35'46	11♋23	11°18	24°58	13°57	2°25	25° 0	28°29	13°38	27° 8	2°24	1°47	5°14	24°36	M 9
T 10	17 13 55	19°33'20	24°42	12° 5	25°18	14°40	2°27	25° 6	28°27	13°36	27° 9	2°D24	1°44	5°21	24°35	T 10
W 11	17 17 51	20°30'54	8♏23	12°48	25°35	15°22	2°29	25°11	28°26	13°35	27°10	2°25	1°41	5°27	24°35	W 11
T 12	17 21 48	21°28'27	22°29	13°26	25°51	16° 5	2°31	25°16	28°25	13°33	27°12	2°26	1°38	5°34	24°34	T 12
F 13	17 25 44	22°26'00	6♌57	14° 1	26° 5	16°47	2°34	25°21	28°24	13°32	27°13	2°27	1°35	5°41	24°33	F 13
S 14	17 29 41	23°23'32	21°44	14°31	26°16	17°30	2°36	25°26	28°23	13°31	27°15	2°28	1°31	5°47	24°32	S 14
S 15	17 33 38	24°21'02	6♍45	14°56	26°26	18°12	2°39	25°31	28°22	13°29	27°16	2°R29	1°28	5°54	24°31	S 15
M 16	17 37 34	25°18'33	21°53	15°17	26°33	18°54	2°42	25°36	28°21	13°27	27°17	2°28	1°25	6° 1	24°30	M 16
T 17	17 41 31	26°16'02	6♌58	15°33	26°38	19°36	2°45	25°41	28°20	13°26	27°19	2°26	1°22	6° 7	24°29	T 17
W 18	17 45 27	27°13'30	21°50	15°45	26°41	20°19	2°49	25°46	28°19	13°24	27°20	2°23	1°19	6°14	24°27	W 18
T 19	17 49 24	28°10'57	6♎23	15°52	26°R42	21° 1	2°52	25°51	28°18	13°23	27°22	2°19	1°15	6°21	24°26	T 19
F 20	17 53 20	29° 8'23	20°31	15°R55	26°40	21°43	2°56	25°56	28°17	13°21	27°23	2°16	1°12	6°27	24°25	F 20
S 21	17 57 17	0♐54'48	4♏12	15°53	26°36	22°25	3° 0	26° 0	28°16	13°20	27°24	2°13	1° 9	6°34	24°23	S 21
S 22	18 1 13	1° 3'12	17°25	15°47	26°30	23° 7	3° 4	26° 5	28°15	13°18	27°26	2°11	1° 6	6°40	24°22	S 22
M 23	18 5 10	2° 0'35	0♐13	15°36	26°21	23°49	3° 8	26° 9	28°15	13°17	27°27	2°D10	1° 3	6°47	24°20	M 23
T 24	18 9 7	2°57'57	12°40	15°22	26° 9	24°31	3°13	26°14	28°14	13°15	27°28	2°10	1° 0	6°54	24°19	T 24
W 25	18 13 3	3°55'18	24°50	15° 3	25°55	25°12	3°17	26°18	28°13	13°13	27°30	2°12	0°56	7° 0	24°17	W 25
T 26	18 17 0	4°52'38	6♍47	14°41	25°39	25°54	3°22	26°22	28°13	13°12	27°31	2°13	0°53	7° 7	24°15	T 26
F 27	18 20 56	5°49'57	18°38	14°15	25°21	26°36	3°27	26°26	28°12	13°10	27°33	2°15	0°50	7°14	24°13	F 27
S 28	18 24 53	6°47'15	0♊25	13°47	25° 0	27°18	3°32	26°30	28°12	13° 9	27°34	2°R16	0°47	7°20	24°12	S 28
S 29	18 28 49	7°44'33	12°12	13°17	24°37	27°59	3°37	26°34	28°12	13° 7	27°35	2°15	0°44	7°27	24°10	S 29
M 30	18 32 46	8°41'50	24♊4	12♋44	24♌12	28♍41	3♎42	26♏38	28♐11	13♑5	27♒37	2♓13	0♊41	7♋34	24♌8	M 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	22n 0	20s42	0n 5	25n35	2n16	24n45	3n 7	21n50	0n14	0n22	1n23	7n15	2s16	10s25	0n35	21s36
M 2	22 8	21 23	1 10	25 31	2 13	24 35	3 3	21 57	0 14	0 22	1 22	7 17	2 16	10 24	0 35	21 37
T 3	22 15	21 7	2 12	25 25	2 10	24 26	2 58	22 4	0 15	0 21	1 22	7 19	2 17	10 24	0 35	21 37
W 4	22 22	19 54	3 9	25 17	2 5	24 16	2 53	22 11	0 15	0 21	1 22	7 21	2 17	10 23	0 35	21 37
T 5	22 29	17 47	3 58	25 8	2 0	24 6	2 48	22 18	0 16	0 20	1 22	7 23	2 17	10 23	0 35	21 37
F 6	22 35	14 51	4 37	24 58	1 54	23 56	2 43	22 24	0 17	0 19	1 21	7 25	2 17	10 22	0 35	21 37
S 7	22 41	11 14	5 3	24 47	1 47	23 46	2 37	22 30	0 17	0 19	1 21	7 27	2 17	10 22	0 35	21 37
S 8	22 47	7 3	5 16	24 35	1 39	23 36	2 30	22 36	0 18	0 18	1 21	7 29	2 18	10 21	0 35	21 37
M 9	22 52	2 27	5 13	24 22	1 30	23 25	2 24	22 42	0 19	0 17	1 21	7 30	2 18	10 21	0 35	21 37
T 10	22 57	2n23	4 53	24 9	1 21	23 15	2 17	22 48	0 19	0 16	1 21	7 32	2 18	10 20	0 35	21 38
W 11	23 1	7 15	4 16	23 54	1 10	23 4	2 10	22 53	0 20	0 15	1 20	7 34	2 18	10 20	0 35	21 38
T 12	23 5	11 52	3 24	23 39	0 59	22 54	2 2	22 58	0 20	0 14	1 20	7 36	2 18	10 20	0 35	21 38
F 13	23 8	15 56	2 17	23 24	0 47	22 43	1 54	23 3	0 21	0 12	1 20	7 37	2 19	10 19	0 35	21 38
S 14	23 11	19 5	0 59	23 8	0 34	22 33	1 45	23 8	0 22	0 11	1 20	7 39	2 19	10 19	0 35	21 38
S 15	23 14	20 58	0s24	22 52	0 21	22 22	1 36	23 12	0 22	0 10	1 19	7 41	2 19	10 19	0 35	21 38
M 16	23 16	21 21	1 45	22 36	0 7	22 11	1 27	23 16	0 23	0 8	1 19	7 42	2 19	10 18	0 35	21 38
T 17	23 18	20 12	2 59	22 19	0s 8	22 1	1 17	23 20	0 23	0 7	1 19	7 44	2 19	10 18	0 35	21 39
W 18	23 19	17 39	3 59	22 2	0 23	21 50	1 7	23 24	0 24	0 5	1 19	7 45	2 20	10 18	0 35	21 39
T 19	23 20	14 2	4 43	21 46	0 39	21 40	0 57	23 28	0 25	0 4	1 18	7 47	2 20	10 17	0 35	21 39
F 20	23 21	9 44	5 8	21 29	0 56	21 30	0 46	23 31	0 25	0 2	1 18	7 48	2 20	10 17	0 35	21 39
S 21	23 21	5 3	5 14	21 13	1 12	21 19	0 34	23 34	0 26	0 0	1 18	7 50	2 20	10 17	0 35	21 39
S 22	23 21	0 18	5 3	20 57	1 29	21 9	0 23	23 37	0 26	0s 1	1 18	7 51	2 20	10 17	0 35	21 39
M 23	23 20	4s20	4 38	20 41	1 46	20 59	0 11	23 39	0 27	0 3	1 18	7 53	2 21	10 16	0 35	21 40
T 24	23 19	8 39	3 59	20 26	2 3	20 49	0s 2	23 42	0 27	0 5	1 17	7 54	2 21	10 16	0 35	21 40
W 25	23 18	12 33	3 11	20 11	2 20	20 39	0 14	23 44	0 28	0 7	1 17	7 55	2 21	10 16	0 35	21 40
T 26	23 16	15 52	2 15	19 57	2 37	20 29	0 28	23 46	0 29	0 9	1 17	7 57	2 21	10 16	0 35	21 40
F 27	23 14	18 30	1 14	19 44	2 53	20 19	0 41	23 48	0 29	0 11	1 17	7 58	2 22	10 16	0 35	21 40
S 28	23 11	20 20	0 10	19 31	3 9	20 10	0 54	23 49	0 30	0 14	1 17	7 59	2 22	10 16	0 34	21 40
S 29	23 8	21 17	0n54	19 19	3 23	20 0	1 8	23 51	0 30	0 16	1 16	8 0	2 22	10 15	0 34	21 41
M 30	23n 4	21s17	1n56	19n 8	3s38	19n51	1s22	23n52	0n31	0s18	1n16	8n 1	2s22	10s15	0n34	21s41

Julian Day Number = 2687277.5, Delta T = 23m16s

Ecliptic obliquity = 23°21'15", Nutation = 0°00'15"

Ayanamsha: Fagan/Bradley = 33°46'06", Lahiri = 32°53'06"



## ASTRODIENST EPHEMERIS for the year 2645

AUGUST 2645

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	20 38 56	9♏13'56	22♋13	20♊22	10♏D10	20♊26	7♏41	27♏55	28♏28	12♏R16	28♏17	29♏R56	28♏59	11♏6	22♏R42	F 1
S 2	20 42 52	10°11'13	5♋11	21°51	10♏12	21° 6	7°50	27°55	28°30	12♏14	28°18	29♏45	28°56	11°13	22♏39	S 2
S 3	20 46 49	11° 8'31	18°20	23°25	10°16	21°46	7°59	27°56	28°31	12°13	28°19	29°35	28°53	11°20	22°36	S 3
M 4	20 50 45	12° 5'49	1°42	25° 3	10°22	22°26	8° 9	27°57	28°32	12°12	28°20	29°27	28°49	11°26	22°33	M 4
T 5	20 54 42	13° 3'08	15°14	26°45	10°30	23° 6	8°19	27°57	28°34	12°10	28°21	29°22	28°46	11°33	22°29	T 5
W 6	20 58 39	14° 0'28	28°57	28°30	10°40	23°46	8°28	27°58	28°36	12° 9	28°22	29°20	28°43	11°40	22°26	W 6
T 7	21 2 35	14°57'49	12♋50	0♏19	10°52	24°26	8°38	27°58	28°37	12° 8	28°23	29°D19	28°40	11°46	22°23	T 7
F 8	21 6 32	15°55'11	26°54	2°10	11° 7	25° 5	8°48	27°58	28°39	12° 6	28°24	29°R19	28°37	11°53	22°20	F 8
S 9	21 10 28	16°52'35	11♏9	4° 5	11°23	25°45	8°58	27°R58	28°41	12° 5	28°25	29°19	28°33	11°59	22°16	S 9
S 10	21 14 25	17°49'59	25°31	6° 2	11°41	26°25	9° 8	27°58	28°42	12° 4	28°26	29°17	28°30	12° 6	22°13	S 10
M11	21 18 21	18°47'24	9♊59	8° 1	12° 2	27° 4	9°18	27°58	28°44	12° 3	28°27	29°12	28°27	12°13	22°10	M11
T 12	21 22 18	19°44'50	24°28	10° 2	12°24	27°44	9°29	27°58	28°46	12° 1	28°28	29° 5	28°24	12°19	22° 6	T 12
W13	21 26 14	20°42'18	8♏52	12° 4	12°47	28°23	9°39	27°57	28°48	12° 0	28°29	28°55	28°21	12°26	22° 3	W13
T 14	21 30 11	21°39'46	23° 5	14° 8	13°12	29° 3	9°49	27°57	28°50	11°59	28°30	28°44	28°18	12°33	22° 0	T 14
F 15	21 34 8	22°37'14	7♏2	16°12	13°39	29°42	10° 0	27°56	28°52	11°58	28°31	28°32	28°14	12°39	21°57	F 15
S 16	21 38 4	23°34'44	20°37	18°17	14° 8	0♏22	10°11	27°56	28°54	11°57	28°32	28°21	28°11	12°46	21°53	S 16
S 17	21 42 1	24°32'15	3♏49	20°21	14°37	1° 1	10°21	27°55	28°56	11°56	28°33	28°12	28° 8	12°53	21°50	S 17
M18	21 45 57	25°29'46	16°38	22°26	15° 9	1°41	10°32	27°54	28°58	11°55	28°34	28° 5	28° 5	12°59	21°47	M18
T 19	21 49 54	26°27'18	29° 6	24°30	15°41	2°20	10°43	27°53	29° 0	11°54	28°34	28° 1	28° 2	13° 6	21°43	T 19
W20	21 53 50	27°24'51	11♏16	26°34	16°15	2°59	10°54	27°52	29° 3	11°52	28°35	27°59	27°58	13°13	21°40	W20
T 21	21 57 47	28°22'25	23°14	28°37	16°51	3°38	11° 5	27°51	29° 5	11°51	28°36	27°58	27°55	13°19	21°37	T 21
F 22	22 1 43	29°20'00	5♏5	0♏39	17°27	4°18	11°16	27°50	29° 7	11°51	28°37	27°58	27°52	13°26	21°34	F 22
S 23	22 5 40	0♏17'35	16°53	2°39	18° 5	4°57	11°27	27°48	29° 9	11°50	28°38	27°58	27°49	13°33	21°30	S 23
S 24	22 9 37	1°15'12	28°45	4°39	18°43	5°36	11°38	27°47	29°12	11°49	28°38	27°55	27°46	13°39	21°27	S 24
M25	22 13 33	2°12'49	10♋45	6°38	19°23	6°15	11°49	27°45	29°14	11°48	28°39	27°51	27°43	13°46	21°24	M25
T 26	22 17 30	3°10'27	22°58	8°35	20° 4	6°54	12° 1	27°44	29°17	11°47	28°40	27°44	27°39	13°53	21°21	T 26
W27	22 21 26	4° 8'07	5♏26	10°31	20°46	7°33	12°12	27°42	29°19	11°46	28°40	27°34	27°36	13°59	21°18	W27
T 28	22 25 23	5° 5'47	18°11	12°25	21°29	8°12	12°23	27°40	29°22	11°45	28°41	27°22	27°33	14° 6	21°14	T 28
F 29	22 29 19	6° 3'29	1♏14	14°19	22°13	8°50	12°35	27°38	29°24	11°44	28°42	27°10	27°30	14°12	21°11	F 29
S 30	22 33 16	7° 1'12	14°32	16°10	22°58	9°29	12°46	27°36	29°27	11°44	28°42	26°58	27°27	14°19	21° 8	S 30
S 31	22 37 12	7♏58'56	28♋5	18♏1	23♊44	10♏8	12♏58	27♏34	29♏30	11♏43	28♏43	26♏47	27♏24	14♏26	21♏5	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
F 1	17n53	9s19	5n 0	20n49	1s 0	16n56	6s 3	22n36	0n48	1s58	1n10	8n21	2s31	10s22	0n33	21s46	1n 2	14n20	9s 0	20s 4	19s52	20s57	7s24	6n52				
S 2	17 38	4 54	5 1	20 49	0 47	16 55	6 3	22 30	0 49	2 1	1 10	8 21	2 31	10 23	0 33	21 46	1 2	14 20	9 1	20 2	19 51	20 57	7 25	6 52				
S 3	17 22	0 12	4 46	20 47	0 33	16 56	6 3	22 25	0 49	2 5	1 10	8 21	2 31	10 24	0 33	21 46	1 2	14 20	9 1	19 59	19 50	20 57	7 26	6 52				
M 4	17 6	4n36	4 16	20 43	0 20	16 56	6 2	22 19	0 50	2 9	1 10	8 21	2 31	10 24	0 33	21 46	1 2	14 20	9 1	19 58	19 50	20 57	7 27	6 52				
T 5	16 50	9 14	3 31	20 37	0 7	16 57	6 1	22 13	0 50	2 13	1 10	8 21	2 32	10 25	0 33	21 46	1 2	14 20	9 1	19 57	19 49	20 57	7 28	6 52				
W 6	16 34	13 27	2 34	20 29	0n 5	16 58	5 59	22 6	0 51	2 17	1 9	8 21	2 32	10 25	0 33	21 47	1 2	14 20	9 1	19 56	19 48	20 57	7 29	6 52				
T 7	16 17	17 0	1 26	20 18	0 17	16 58	5 57	22 0	0 51	2 21	1 9	8 20	2 32	10 26	0 33	21 47	1 2	14 20	9 1	19 56	19 47	20 58	7 30	6 52				
F 8	16 0	19 36	0 13	20 4	0 29	17 0	5 55	21 53	0 52	2 25	1 9	8 20	2 33	10 27	0 33	21 47	1 2	14 20	9 1	19 56	19 47	20 58	7 31	6 52				
S 9	15 43	21 0	1s 2	19 48	0 39	17 1	5 53	21 46	0 52	2 29	1 9	8 20	2 33	10 27	0 33	21 47	1 2	14 20	9 1	19 56	19 46	20 58	7 32	6 52				
S 10	15 26	21 3	2 14	19 30	0 49	17 2	5 50	21 39	0 53	2 33	1 9	8 20	2 33	10 28	0 33	21 47	1 2	14 19	9 1	19 55	19 45	20 58	7 33	6 52				
M11	15 8	19 42	3 18	19 8	0 58	17 3	5 47	21 32	0 53	2 37	1 9	8 19	2 33	10 28	0 33	21 47	1 2	14 19	9 1	19 55	19 45	20 58	7 34	6 52				
T 12	14 50	17 4	4 8	18 44	1 7	17 5	5 43	21 25	0 54	2 41	1 9	8 19	2 34	10 29	0 33	21 47	1 2	14 19	9 2	19 53	19 44	20 58	7 35	6 52				
W13	14 32	13 25	4 43	18 18	1 14	17 6	5 40	21 17	0 54	2 46	1 8	8 19	2 34	10 30	0 33	21 48	1 2	14 19	9 2	19 51	19 43	20 58	7 36	6 52				
T 14	14 14	9 3	4 59	17 49	1 21	17 7	5 36	21 10	0 54	2 50	1 8	8 18	2 34	10 31	0 33	21 48	1 2	14 19	9 2	19 48	19 43	20 58	7 37	6 52				
F 15	13 56	4 17	4 58	17 18	1 27	17 9	5 32	21 2	0 55	2 54	1 8	8 18	2 34	10 31	0 33	21 48	1 1	14 19	9 2	19 46	19 42	20 58	7 38	6 52				
S 16	13 37	0s34	4 39	16 45	1 32	17 10	5 28	20 54	0 55	2 58	1 8	8 17	2 35	10 32	0 33	21 48	1 1	14 19	9 2	19 43	19 41	20 58	7 39	6 52				
S 17	13 18	5 16	4 5	16 10	1 36	17 11	5 24	20 46	0 56	3 3	1 8	8 17	2 35	10 33	0 33	21 48	1 1	14 19	9 2	19 41	19 40	20 58	7 40	6 52				
M18	12 59	9 36	3 20	15 33	1 40	17 12	5 19	20 38	0 56	3 7	1 8	8 16	2 35	10 34	0 33	21 48	1 1	14 19	9 2	19 40	19 40	20 58	7 41	6 52				
T 19	12 39	13 24	2 27	14 55	1 42	17 13	5 15	20 30	0 57	3 11	1 8	8 16	2 36	10 34	0 33	21 48	1 1	14 18	9 2	19 39	19 39	20 58	7 42	6 52				
W20	12 20	16 33	1 27	14 15	1 44	17 14	5 10	20 21	0 57	3 16	1 8	8 15	2 36	10 35	0 33	21 48	1 1	14 18	9 2	19 38	19 38	20 58	7 43	6 52				
T 21	12 0	18 55	0 25	13 33	1 45	17 15	5 5	20 12	0 58	3 20	1 7	8 14	2 36	10 36	0 33	21 49	1 1	14 18	9 3	19 38	19 38	20 57	7 45	6 52				
F 22	11 40	20 27	0n38	12 51	1 45	17 15	5 0	20 4	0 58	3 24	1 7	8 14	2 36	10 37	0 32	21 49	1 1	14 18	9 3	19 38	19 37	20 57	7 46	6 51				
S 23	11 20	21 5	1 39	12 7	1 45	17 16	4 55	19 55	0 59	3 29	1 7	8 13	2 37	10 38	0 32	21 49	1 1	14 18	9 3	19 38	19 36	20 57	7 47	6 51				
S 24	10 59	20 46	2 35	11 23	1 44	17 16	4 50	19 46	0 59	3 33	1 7	8 12	2 37	10 39	0 32	21 49	1 1	14 18	9 3	19 38	19 35	20 57	7 48	6 51				
M25	10 39	19 30	3 26	10 38	1 42	17 15	4 45	19 36	1 0	3 38	1 7	8 11	2 37	10 40	0 32	21 49	1 1	14 18	9 3	19 37	19 35	20 57	7 49	6 51				
T 26	10 18	17 20	4 8	9 52	1 40	17 15	4 40	19 27	1 0	3 42	1 7	8 11	2 37	10 40	0 32	21 49	1 1	14 18	9 3	19 35	19 34	20 57	7 50	6 51				
W27	9 58	14 20	4 39	9 6	1 37	17 14	4 34	19 18	1 0	3 47	1 7	8 10	2 38	10 41	0 32	21 49	1 1	14 18	9 3	19 33	19 33	20 57	7 51	6 51				
T 28	9 37	10 37	4 57	8 19	1 34	17 13	4 29	19 8	1 1	3 51	1 7	8 9	2 38	10 42	0 32	21 49	1 1	14 17	9 4	19 30	19 33	20 57	7 53	6 51				
F 29	9 15	6 19	5 0	7 33	1 30	17 12	4 23	18 58	1 1	3 56	1 7	8 8	2 38	10 43	0 32	21 49	1 1	14 17	9 4	19 27	19 32	20 57	7 54	6 50				
S 30	8 54	1 39	4 47	6 46	1 26	17 11	4 17	18 48	1 2	4 0	1 6	8 7	2 38	10 44	0 32	21 50	1 1	14 17	9 4	19 25	19 31	20 57	7 55	6 50				
S 31	8n33	3n11	4n18	5n58	1n22	17n 9	4s12	18n39	1n 2	4s 5	1n 6	8n 6	2s38	10s45	0n32	21s50	1n 1	14n17	9s 4	19s22	19s30	20s57	7s56	6n50				

## ASTRODIENST EPHEMERIS for the year 2645

SEPTEMBER 2645

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	22 41 9	8 <sup>m</sup> 56'42	11 <sup>h</sup> 50	19 <sup>m</sup> 50	24 <sup>h</sup> 31	10 <sup>h</sup> 47	13 <sup>h</sup> 10	27°R32	29 <sup>h</sup> 32	11°R42	28 <sup>h</sup> 44	26°R39	27 <sup>h</sup> 20	14 <sup>h</sup> 32	21°R 2	M 1
T 2	22 45 5	9°54'29	25°43	21°37	25°18	11°25	13°21	27°V29	29°35	11°342	28°44	26 <sup>m</sup> 33	27°17	14°39	20 <sup>m</sup> 59	T 2
W 3	22 49 2	10°52'18	9 <sup>h</sup> 42	23°23	26° 6	12° 4	13°33	27°27	29°38	11°41	28°45	26°30	27°14	14°46	20°56	W 3
T 4	22 52 59	11°50'08	23°45	25° 8	26°55	12°43	13°45	27°24	29°41	11°40	28°45	26°D29	27°11	14°52	20°53	T 4
F 5	22 56 55	12°48'01	7 <sup>h</sup> 51	26°52	27°45	13°21	13°57	27°22	29°44	11°40	28°46	26°R29	27° 8	14°59	20°50	F 5
S 6	23 0 52	13°45'55	21°58	28°34	28°36	14° 0	14° 9	27°19	29°46	11°39	28°46	26°29	27° 4	15° 6	20°47	S 6
S 7	23 4 48	14°43'51	6 <sup>h</sup> 7	0 <sup>h</sup> 15	29°27	14°38	14°21	27°16	29°49	11°39	28°47	26°28	27° 1	15°12	20°44	S 7
M 8	23 8 45	15°41'49	20°14	1°54	0 <sup>h</sup> 19	15°17	14°33	27°14	29°52	11°38	28°47	26°24	26°58	15°19	20°41	M 8
T 9	23 12 41	16°39'48	4 <sup>h</sup> 19	3°33	1°11	15°55	14°45	27°11	29°55	11°38	28°48	26°17	26°55	15°26	20°38	T 9
W10	23 16 38	17°37'50	18°17	5°10	2° 4	16°34	14°57	27° 8	29°58	11°37	28°48	26° 8	26°52	15°32	20°36	W10
T 11	23 20 34	18°35'52	2 <sup>h</sup> 6	6°45	2°58	17°12	15° 9	27° 5	0 <sup>h</sup> 1	11°37	28°48	25°58	26°49	15°39	20°33	T 11
F 12	23 24 31	19°33'57	15°40	8°20	3°52	17°50	15°22	27° 1	0° 4	11°36	28°49	25°47	26°45	15°46	20°30	F 12
S 13	23 28 28	20°32'03	28°58	9°53	4°47	18°29	15°34	26°58	0° 8	11°36	28°49	25°36	26°42	15°52	20°27	S 13
S 14	23 32 24	21°30'11	11 <sup>h</sup> 58	11°25	5°42	19° 7	15°46	26°55	0°11	11°36	28°49	25°28	26°39	15°59	20°25	S 14
M15	23 36 21	22°28'20	24°39	12°55	6°38	19°45	15°58	26°51	0°14	11°36	28°50	25°21	26°36	16° 6	20°22	M15
T 16	23 40 17	23°26'31	7 <sup>h</sup> 11	14°25	7°35	20°23	16°11	26°48	0°17	11°35	28°50	25°17	26°33	16°12	20°20	T 16
W17	23 44 14	24°24'44	19°10	15°53	8°32	21° 1	16°23	26°44	0°20	11°35	28°50	25°15	26°30	16°19	20°17	W17
T 18	23 48 10	25°22'58	1 <sup>h</sup> 7	17°20	9°29	21°39	16°36	26°41	0°24	11°35	28°50	25°D15	26°26	16°25	20°15	T 18
F 19	23 52 7	26°21'13	12°57	18°45	10°27	22°17	16°48	26°37	0°27	11°35	28°51	25°16	26°23	16°32	20°12	F 19
S 20	23 56 3	27°19'30	24°46	20°10	11°25	22°55	17° 1	26°33	0°30	11°35	28°51	25°R17	26°20	16°39	20°10	S 20
S 21	0 0 0	28°17'49	6 <sup>h</sup> 38	21°33	12°24	23°33	17°13	26°29	0°33	11°35	28°51	25°16	26°17	16°45	20° 7	S 21
M22	0 3 57	29°16'09	18°40	22°54	13°23	24°11	17°26	26°26	0°37	11°35	28°51	25°14	26°14	16°52	20° 5	M22
T 23	0 7 53	0 <sup>h</sup> 14'30	0 <sup>h</sup> 55	24°14	14°23	24°49	17°39	26°22	0°40	11°D35	28°51	25°10	26°10	16°59	20° 3	T 23
W24	0 11 50	1°12'53	13°28	25°33	15°23	25°26	17°51	26°18	0°44	11°35	28°51	25° 4	26° 7	17° 5	20° 1	W24
T 25	0 15 46	2°11'18	26°22	26°50	16°23	26° 4	18° 4	26°14	0°47	11°35	28°51	24°56	26° 4	17°12	19°59	T 25
F 26	0 19 43	3° 9'44	9 <sup>h</sup> 38	28° 6	17°24	26°42	18°17	26°10	0°50	11°35	28°52	24°47	26° 1	17°19	19°57	F 26
S 27	0 23 39	4° 8'12	23°14	29°20	18°25	27°20	18°29	26° 5	0°54	11°35	28°52	24°39	25°58	17°25	19°55	S 27
S 28	0 27 36	5° 6'42	7 <sup>h</sup> 9	0 <sup>h</sup> 32	19°26	27°57	18°42	26° 1	0°57	11°35	28°R52	24°31	25°55	17°32	19°53	S 28
M29	0 31 32	6° 5'13	21°19	1°43	20°28	28°35	18°55	25°57	1° 1	11°35	28°52	24°25	25°51	17°39	19°51	M29
T 30	0 35 29	7 <sup>h</sup> 5 3'47	5 <sup>h</sup> 38	2 <sup>h</sup> 52	21°30	29°12	19°58	25°V53	1 <sup>h</sup> 4	11°35	28°R52	24°21	25°48	17°45	19°49	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	8n11	7n56	3n33	5n11	1n17	17n 6	4s 6	18n28	1n 3	4s10	1n 6	8n 5	2s39	10s46	0n32	21s50
T 2	7 50	12 19	2 35	4 24	1 11	17 4	4 0	18 18	1 3	4 14	1 6	8 4	2 39	10 47	0 32	21 50
W 3	7 28	16 3	1 28	3 37	1 5	17 1	3 54	18 8	1 4	4 19	1 6	8 3	2 39	10 48	0 32	21 50
T 4	7 6	18 53	0 15	2 50	1 0	16 58	3 49	17 57	1 4	4 24	1 6	8 2	2 39	10 49	0 32	21 50
F 5	6 44	20 33	1s 0	2 3	0 53	16 54	3 43	17 47	1 4	4 28	1 6	8 1	2 40	10 50	0 32	21 50
S 6	6 22	20 56	2 11	1 17	0 47	16 50	3 37	17 36	1 5	4 33	1 6	8 0	2 40	10 51	0 32	21 50
S 7	6 0	19 59	3 14	0 31	0 40	16 45	3 31	17 25	1 5	4 38	1 6	7 58	2 40	10 52	0 32	21 50
M 8	5 37	17 48	4 5	0s15	0 33	16 41	3 25	17 15	1 6	4 42	1 6	7 57	2 40	10 53	0 32	21 50
T 9	5 15	14 33	4 41	1 1	0 26	16 35	3 19	17 4	1 6	4 47	1 6	7 56	2 40	10 54	0 32	21 50
W10	4 52	10 32	5 0	1 46	0 18	16 30	3 13	16 53	1 7	4 52	1 5	7 55	2 41	10 55	0 32	21 51
T 11	4 30	6 0	5 1	2 30	0 11	16 23	3 7	16 41	1 7	4 57	1 5	7 53	2 41	10 57	0 32	21 51
F 12	4 7	1 15	4 45	3 14	0 3	16 17	3 1	16 30	1 7	5 1	1 5	7 52	2 41	10 58	0 32	21 51
S 13	3 44	3s28	4 14	3 58	0s 4	16 10	2 55	16 19	1 8	5 6	1 5	7 51	2 41	10 59	0 32	21 51
S 14	3 21	7 56	3 30	4 41	0 12	16 3	2 49	16 7	1 8	5 11	1 5	7 49	2 41	11 0	0 32	21 51
M15	2 59	11 56	2 36	5 24	0 20	15 55	2 43	15 56	1 9	5 16	1 5	7 48	2 42	11 1	0 32	21 51
T 16	2 36	15 19	1 36	6 6	0 28	15 47	2 37	15 44	1 9	5 20	1 5	7 47	2 42	11 2	0 32	21 51
W17	2 13	17 59	0 33	6 47	0 36	15 38	2 31	15 32	1 9	5 25	1 5	7 45	2 42	11 3	0 32	21 51
T 18	1 50	19 48	0n31	7 28	0 45	15 29	2 25	15 20	1 10	5 30	1 5	7 44	2 42	11 4	0 32	21 51
F 19	1 27	20 43	1 34	8 8	0 53	15 19	2 19	15 9	1 10	5 35	1 5	7 42	2 42	11 6	0 32	21 51
S 20	1 4	20 44	2 32	8 48	1 1	15 9	2 13	14 57	1 11	5 40	1 5	7 41	2 43	11 7	0 32	21 51
S 21	0 41	19 48	3 23	9 26	1 9	14 59	2 8	14 44	1 11	5 45	1 5	7 39	2 43	11 8	0 32	21 51
M22	0 17	17 59	4 7	10 4	1 17	14 48	2 2	14 32	1 12	5 49	1 5	7 38	2 43	11 9	0 32	21 51
T 23	0s 6	15 19	4 40	10 42	1 26	14 37	1 56	14 20	1 12	5 54	1 5	7 36	2 43	11 10	0 32	21 51
W24	0 29	11 55	5 1	11 18	1 34	14 25	1 50	14 8	1 12	5 59	1 5	7 35	2 43	11 11	0 32	21 51
T 25	0 52	7 52	5 7	11 53	1 42	14 13	1 44	13 55	1 13	6 4	1 5	7 33	2 43	11 13	0 32	21 51
F 26	1 15	3 21	4 57	12 28	1 50	14 0	1 39	13 43	1 13	6 9	1 4	7 31	2 43	11 14	0 32	21 51
S 27	1 38	1n27	4 30	13 2	1 58	13 47	1 33	13 31	1 14	6 14	1 4	7 30	2 43	11 15	0 32	21 51
S 28	2 1	6 18	3 47	13 35	2 5	13 33	1 27	13 18	1 14	6 18	1 4	7 28	2 44	11 16	0 32	21 52
M29	2 25	10 53	2 49	14 7	2 13	13 19	1 22	13 5	1 14	6 23	1 4	7 27	2 44	11 18	0 32	21 52
T 30	2s48	14n55	1n39	14s37	2s21	13n 5	1s16	12n53	1n15	6s28	1n 4	7n25	2s44	11s19	0n32	21s52

Julian Day Number = 2687369.5, Delta T = 23m17s

Ecliptic obliquity = 23°21'15", Nutation = 0°00'15"

Ayanamsha: Fagan/Bradley = 33°46'19", Lahiri = 32°53'19"





## ASTRODIENST EPHEMERIS for the year 2645

DECEMBER 2645

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	4 39 55	8♂39°16	21♂38	27♂18	2♂40	6♂23	2♂11	21°R37	4♂51	12♂48	28°R13	23°R26	22♂31	24♂38	20♂2	M 1
T 2	4 43 52	9°39'49	5♂20	28°53	3°53	6°57	2°23	21°Y35	4°55	12°50	28°II12	23°D25	22°28	24°45	20° 4	T 2
W 3	4 47 48	10°40'24	18°37	0♂28	5° 6	7°31	2°34	21°33	4°58	12°52	28°10	23°M25	22°25	24°52	20° 6	W 3
T 4	4 51 45	11°41'00	1♂32	2° 3	6°19	8° 5	2°46	21°31	5° 1	12°54	28° 9	23°26	22°22	24°58	20° 9	T 4
F 5	4 55 42	12°41'38	14° 8	3°37	7°32	8°39	2°57	21°29	5° 4	12°56	28° 8	23°28	22°18	25° 5	20°11	F 5
S 6	4 59 38	13°42'17	26°29	5°12	8°45	9°13	3° 9	21°27	5° 8	12°58	28° 7	23°29	22°15	25°12	20°14	S 6
S 7	5 3 35	14°42'58	8♂37	6°47	9°59	9°47	3°20	21°25	5°11	13° 0	28° 6	23°31	22°12	25°18	20°16	S 7
M 8	5 7 31	15°43'41	20°37	8°21	11°12	10°20	3°31	21°23	5°14	13° 2	28° 5	23°R32	22° 9	25°25	20°19	M 8
T 9	5 11 28	16°44'24	2♂31	9°56	12°26	10°54	3°42	21°21	5°17	13° 4	28° 4	23°31	22° 6	25°32	20°22	T 9
W10	5 15 24	17°45'10	14°21	11°31	13°39	11°27	3°53	21°20	5°20	13° 6	28° 3	23°30	22° 3	25°38	20°24	W10
T 11	5 19 21	18°45'56	26°10	13° 5	14°53	12° 0	4° 4	21°18	5°23	13° 8	28° 1	23°27	21°59	25°45	20°27	T 11
F 12	5 23 17	19°46'44	7♂59	14°39	16° 6	12°34	4°15	21°17	5°26	13°10	28° 0	23°23	21°56	25°52	20°30	F 12
S 13	5 27 14	20°47'33	19°50	16°14	17°20	13° 7	4°26	21°16	5°29	13°12	27°59	23°18	21°53	25°58	20°33	S 13
S 14	5 31 11	21°48'23	1♂46	17°48	18°33	13°40	4°36	21°14	5°32	13°15	27°58	23°12	21°50	26° 5	20°36	S 14
M15	5 35 7	22°49'13	13°48	19°22	19°47	14°13	4°47	21°13	5°35	13°17	27°57	23° 7	21°47	26°12	20°39	M15
T 16	5 39 4	23°50'05	26° 1	20°56	21° 1	14°46	4°58	21°12	5°38	13°19	27°56	23° 3	21°44	26°18	20°42	T 16
W17	5 43 0	24°50'57	8♂27	22°31	22°15	15°18	5° 8	21°11	5°40	13°21	27°55	23° 1	21°40	26°25	20°45	W17
T 18	5 46 57	25°51'50	21° 9	24° 5	23°29	15°51	5°18	21°11	5°43	13°23	27°53	22°D59	21°37	26°32	20°48	T 18
F 19	5 50 53	26°52'44	4♂12	25°39	24°43	16°23	5°29	21°10	5°46	13°25	27°52	22°59	21°34	26°38	20°52	F 19
S 20	5 54 50	27°53'39	17°39	27°13	25°57	16°56	5°39	21°10	5°49	13°28	27°51	23° 1	21°31	26°45	20°55	S 20
S 21	5 58 46	28°54'34	1♂32	28°47	27°11	17°28	5°49	21° 9	5°51	13°30	27°50	23° 2	21°28	26°52	20°58	S 21
M22	6 2 43	29°55'29	15°52	0♂22	28°25	18° 0	5°59	21° 9	5°54	13°32	27°49	23°R 3	21°24	26°58	21° 2	M22
T 23	6 6 40	0♂56'26	0♂37	1°56	29°39	18°32	6° 9	21° 9	5°57	13°34	27°48	23° 3	21°21	27° 5	21° 5	T 23
W24	6 10 36	1°57'23	15°41	3°30	0♂53	19° 4	6°19	21°D 9	5°59	13°36	27°46	23° 1	21°18	27°12	21° 8	W24
T 25	6 14 33	2°58'21	0♂57	5° 5	2° 7	19°36	6°28	21° 9	6° 2	13°39	27°45	22°58	21°15	27°18	21°12	T 25
F 26	6 18 29	3°59'19	16°14	6°40	3°21	20° 8	6°38	21° 9	6° 4	13°41	27°44	22°52	21°12	27°25	21°16	F 26
S 27	6 22 26	5° 0'19	1♂22	8°14	4°35	20°40	6°48	21° 9	6° 6	13°43	27°43	22°46	21° 9	27°32	21°19	S 27
S 28	6 26 22	6° 1'19	16°11	9°49	5°50	21°11	6°57	21° 9	6° 9	13°45	27°42	22°39	21° 5	27°38	21°23	S 28
M29	6 30 19	7° 2'20	0♂34	11°24	7° 4	21°43	7° 6	21°10	6°11	13°48	27°41	22°33	21° 2	27°45	21°27	M29
T 30	6 34 15	8° 3'21	14°28	13° 0	8°18	22°14	7°15	21°10	6°13	13°50	27°40	22°28	20°59	27°52	21°30	T 30
W31	6 38 12	9♂42'24	27♂52	14♂35	9♂33	22♂45	7♂24	21°Y11	6♂16	13♂52	27°II38	22♂26	20♂56	27♂58	21♂34	W31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	21s40	9n14	5s17	18s32	0n59	10s32	1n56	1s 3	1n37	11s 9	1n 6	5n56	2s40	12s36	0n31	21s47
T 2	21 49	4 43	5 10	19 0	0 52	10 56	1 57	1 16	1 37	11 13	1 6	5 55	2 39	12 37	0 31	21 47
W 3	21 58	0 5	4 47	19 27	0 45	11 20	1 57	1 29	1 37	11 17	1 6	5 55	2 39	12 38	0 31	21 47
T 4	22 6	4s26	4 10	19 53	0 38	11 44	1 57	1 42	1 38	11 21	1 6	5 54	2 39	12 39	0 31	21 47
F 5	22 14	8 39	3 21	20 18	0 31	12 8	1 57	1 55	1 38	11 25	1 6	5 53	2 39	12 41	0 31	21 47
S 6	22 22	12 25	2 24	20 42	0 24	12 32	1 57	2 8	1 38	11 29	1 6	5 53	2 38	12 42	0 31	21 46
S 7	22 29	15 37	1 21	21 5	0 17	12 55	1 56	2 21	1 39	11 32	1 6	5 52	2 38	12 43	0 31	21 46
M 8	22 36	18 6	0 16	21 28	0 10	13 18	1 56	2 34	1 39	11 36	1 7	5 52	2 38	12 44	0 31	21 46
T 9	22 42	19 47	0n49	21 49	0 3	13 41	1 56	2 46	1 39	11 40	1 7	5 52	2 38	12 45	0 31	21 46
W10	22 48	20 35	1 52	22 9	0s 4	14 3	1 55	2 59	1 40	11 43	1 7	5 51	2 37	12 46	0 31	21 46
T 11	22 53	20 28	2 50	22 28	0 11	14 25	1 54	3 12	1 40	11 47	1 7	5 51	2 37	12 47	0 31	21 46
F 12	22 58	19 27	3 40	22 46	0 18	14 47	1 54	3 24	1 40	11 50	1 7	5 51	2 37	12 48	0 31	21 45
S 13	23 2	17 35	4 22	23 3	0 24	15 8	1 53	3 37	1 41	11 54	1 7	5 50	2 37	12 49	0 31	21 45
S 14	23 6	14 57	4 51	23 19	0 31	15 29	1 52	3 49	1 41	11 57	1 7	5 50	2 36	12 50	0 31	21 45
M15	23 10	11 41	5 9	23 33	0 37	15 50	1 51	4 2	1 41	12 1	1 7	5 50	2 36	12 50	0 31	21 45
T 16	23 13	7 54	5 12	23 46	0 44	16 10	1 50	4 14	1 42	12 4	1 8	5 50	2 36	12 51	0 31	21 45
W17	23 15	3 42	5 2	23 58	0 50	16 30	1 49	4 26	1 42	12 7	1 8	5 50	2 36	12 52	0 31	21 44
T 18	23 17	0n44	4 36	24 9	0 56	16 50	1 48	4 38	1 42	12 11	1 8	5 50	2 35	12 53	0 31	21 44
F 19	23 19	5 16	3 56	24 19	1 2	17 9	1 47	4 51	1 43	12 14	1 8	5 50	2 35	12 54	0 31	21 44
S 20	23 20	9 42	3 1	24 27	1 7	17 28	1 46	5 3	1 43	12 17	1 8	5 50	2 35	12 55	0 31	21 44
S 21	23 21	13 46	1 55	24 34	1 13	17 46	1 44	5 15	1 43	12 20	1 8	5 50	2 35	12 56	0 31	21 44
M22	23 21	17 9	0 39	24 40	1 18	18 4	1 43	5 27	1 43	12 24	1 8	5 50	2 34	12 57	0 31	21 43
T 23	23 21	19 32	0s41	24 44	1 24	18 21	1 41	5 38	1 44	12 27	1 8	5 50	2 34	12 58	0 31	21 43
W24	23 20	20 36	2 0	24 47	1 29	18 38	1 40	5 50	1 44	12 30	1 9	5 50	2 34	12 58	0 32	21 43
T 25	23 19	20 10	3 11	24 49	1 33	18 54	1 38	6 2	1 44	12 33	1 9	5 51	2 34	12 59	0 32	21 43
F 26	23 18	18 15	4 9	24 49	1 38	19 10	1 36	6 13	1 45	12 36	1 9	5 51	2 33	13 0	0 32	21 43
S 27	23 16	15 5	4 48	24 48	1 42	19 26	1 35	6 25	1 45	12 39	1 9	5 51	2 33	13 1	0 32	21 42
S 28	23 13	11 2	5 7	24 45	1 46	19 41	1 33	6 36	1 45	12 42	1 9	5 52	2 33	13 1	0 32	21 42
M29	23 10	6 27	5 6	24 42	1 50	19 55	1 31	6 48	1 46	12 45	1 9	5 52	2 32	13 2	0 32	21 42
T 30	23 7	1 40	4 47	24 36	1 54	20 9	1 29	6 59	1 46	12 47	1 9	5 53	2 32	13 3	0 32	21 42
W31	23s 3	3s 1	4s13	24s30	1s57	20s22	1n27	7s10	1n46	12s50	1n10	5n53	2s32	13s 4	0n32	21s41

Julian Day Number = 2687460.5, Delta T = 23m18s  
Ecliptic obliquity = 23°21'13, Nutation = 0°00'13  
Ayanamsha: Fagan/Bradley = 33°46'32, Lahiri = 32°53'32

## ASTRODIENST EPHEMERIS for the year 2646

JANUARY 2646

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 42 9	10♌5'27	10♌49	16♌11	10♌47	23♌16	7♌33	21♌12	6♌18	13♌54	27°R37	22°D25	20♌53	28♌5	21♌38	T 1
F 2	6 46 5	11° 6'31	23°22	17°46	12° 1	23°47	7°42	21°13	6°20	13°57	27°II36	22°M26	20°50	28°12	21°42	F 2
S 3	6 50 2	12° 7'36	5♌38	19°22	13°16	24°18	7°51	21°14	6°22	13°59	27°35	22°27	20°46	28°18	21°46	S 3
S 4	6 53 58	13° 8'42	17°39	20°58	14°30	24°48	8° 0	21°15	6°24	14° 1	27°34	22°R28	20°43	28°25	21°49	S 4
M 5	6 57 55	14° 9'48	29°32	22°35	15°45	25°19	8° 8	21°16	6°26	14° 4	27°33	22°28	20°40	28°32	21°53	M 5
T 6	7 1 51	15°10'55	11♌21	24°11	16°59	25°49	8°16	21°17	6°28	14° 6	27°32	22°26	20°37	28°38	21°57	T 6
W 7	7 5 48	16°12'03	23° 8	25°48	18°14	26°19	8°25	21°19	6°30	14° 8	27°31	22°21	20°34	28°45	22° 1	W 7
T 8	7 9 45	17°13'10	4♌57	27°24	19°29	26°50	8°33	21°20	6°32	14°10	27°30	22°14	20°30	28°52	22° 6	T 8
F 9	7 13 41	18°14'18	16°50	29° 1	20°43	27°19	8°41	21°22	6°33	14°13	27°28	22° 4	20°27	28°58	22°10	F 9
S 10	7 17 38	19°15'27	28°48	0♌37	21°58	27°49	8°49	21°24	6°35	14°15	27°27	21°53	20°24	29° 5	22°14	S 10
S 11	7 21 34	20°16'35	10♌53	2°14	23°13	28°19	8°56	21°26	6°37	14°17	27°26	21°41	20°21	29°12	22°18	S 11
M12	7 25 31	21°17'43	23° 6	3°50	24°27	28°48	9° 4	21°28	6°39	14°19	27°25	21°30	20°18	29°19	22°22	M12
T 13	7 29 27	22°18'52	5♌27	5°26	25°42	29°17	9°11	21°30	6°40	14°22	27°24	21°19	20°15	29°25	22°26	T 13
W14	7 33 24	23°20'00	18° 0	7° 2	26°57	29°47	9°19	21°32	6°42	14°24	27°23	21°12	20°11	29°32	22°31	W14
T 15	7 37 20	24°21'08	0♌45	8°37	28°11	0♌15	9°26	21°34	6°43	14°26	27°22	21° 6	20° 8	29°39	22°35	T 15
F 16	7 41 17	25°22'15	13°46	10°12	29°26	0°44	9°33	21°37	6°45	14°28	27°21	21° 4	20° 5	29°45	22°39	F 16
S 17	7 45 13	26°23'23	27° 5	11°46	0♌41	1°13	9°40	21°39	6°46	14°31	27°20	21°D 3	20° 2	29°52	22°43	S 17
S 18	7 49 10	27°24'30	10♌45	13°18	1°55	1°41	9°46	21°42	6°47	14°33	27°19	21° 3	19°59	29°59	22°48	S 18
M19	7 53 7	28°25'36	24°48	14°50	3°10	2° 9	9°53	21°44	6°49	14°35	27°18	21°R 4	19°56	0♌5	22°52	M19
T 20	7 57 3	29°26'42	9♌14	16°19	4°25	2°37	10° 0	21°47	6°50	14°37	27°17	21° 2	19°52	0°12	22°57	T 20
W21	8 1 0	0♌27'48	24° 1	17°47	5°40	3° 5	10° 6	21°50	6°51	14°40	27°16	20°59	19°49	0°19	23° 1	W21
T 22	8 4 56	1°28'53	9♌2	19°12	6°55	3°33	10°12	21°53	6°52	14°42	27°15	20°52	19°46	0°25	23° 5	T 22
F 23	8 8 53	2°29'58	24°11	20°34	8° 9	4° 0	10°18	21°56	6°53	14°44	27°14	20°43	19°43	0°32	23°10	F 23
S 24	8 12 49	3°31'03	9♌16	21°53	9°24	4°27	10°24	21°59	6°54	14°46	27°13	20°32	19°40	0°39	23°14	S 24
S 25	8 16 46	4°32'07	24° 8	23° 8	10°39	4°54	10°30	22° 3	6°55	14°48	27°13	20°21	19°36	0°45	23°19	S 25
M26	8 20 43	5°33'10	8♌38	24°18	11°54	5°21	10°35	22° 6	6°56	14°50	27°12	20°10	19°33	0°52	23°23	M26
T 27	8 24 39	6°34'14	22°40	25°23	13° 9	5°48	10°41	22°10	6°57	14°53	27°11	20° 1	19°30	0°59	23°28	T 27
W28	8 28 36	7°35'17	6♌13	26°21	14°24	6°14	10°46	22°13	6°58	14°55	27°10	19°55	19°27	1° 5	23°33	W28
T 29	8 32 32	8°36'20	19°16	27°12	15°38	6°40	10°51	22°17	6°58	14°57	27° 9	19°52	19°24	1°12	23°37	T 29
F 30	8 36 29	9°37'23	1♌54	27°55	16°53	7° 6	10°56	22°21	6°59	14°59	27° 8	19°50	19°21	1°19	23°42	F 30
S 31	8 40 25	10♌38'25	14♌12	28♌29	18♌8	7♌32	11♌0	22°Y24	7♌0	15♌1	27°II 7	19♌50	19♌17	1♌25	23♌46	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	22s58	7s25	3s26	24s22	2s 0	20s35	1n25	7s22	1n47	12s53	1n10	5n54	2s32	13s 4	0n32	T 1
F 2	22 53	11 23	2 31	24 12	2 2	20 47	1 23	7 33	1 47	12 56	1 10	5 54	2 31	13 5	0 32	F 2
S 3	22 48	14 46	1 30	24 1	2 5	20 58	1 21	7 44	1 47	12 58	1 10	5 55	2 31	13 6	0 32	S 3
S 4	22 42	17 27	0 26	23 49	2 7	21 9	1 19	7 54	1 47	13 1	1 10	5 56	2 31	13 6	0 32	S 4
M 5	22 36	19 22	0n38	23 35	2 8	21 20	1 16	8 5	1 48	13 4	1 10	5 56	2 31	13 7	0 32	M 5
T 6	22 30	20 25	1 40	23 19	2 10	21 29	1 14	8 16	1 48	13 6	1 10	5 57	2 30	13 8	0 32	T 6
W 7	22 22	20 34	2 37	23 3	2 10	21 38	1 12	8 26	1 48	13 9	1 11	5 58	2 30	13 8	0 32	W 7
T 8	22 15	19 48	3 28	22 45	2 11	21 47	1 10	8 37	1 49	13 11	1 11	5 59	2 30	13 9	0 32	T 8
F 9	22 7	18 11	4 9	22 25	2 11	21 55	1 7	8 47	1 49	13 13	1 11	5 59	2 30	13 9	0 32	F 9
S 10	21 59	15 45	4 40	22 4	2 10	22 2	1 5	8 58	1 49	13 16	1 11	6 0	2 29	13 10	0 32	S 10
S 11	21 50	12 39	4 59	21 41	2 9	22 8	1 2	9 8	1 49	13 18	1 11	6 1	2 29	13 10	0 32	S 11
M12	21 40	8 59	5 4	21 18	2 8	22 14	1 0	9 18	1 50	13 20	1 11	6 2	2 29	13 11	0 32	M12
T 13	21 31	4 54	4 55	20 52	2 6	22 20	0 57	9 28	1 50	13 22	1 12	6 3	2 28	13 11	0 32	T 13
W14	21 21	0 33	4 32	20 26	2 3	22 24	0 55	9 38	1 50	13 25	1 12	6 4	2 28	13 12	0 32	W14
T 15	21 10	3n53	3 55	19 58	2 0	22 28	0 52	9 48	1 51	13 27	1 12	6 5	2 28	13 12	0 32	T 15
F 16	20 59	8 15	3 5	19 29	1 56	22 31	0 50	9 57	1 51	13 29	1 12	6 7	2 28	13 13	0 32	F 16
S 17	20 48	12 20	2 4	18 59	1 51	22 34	0 47	10 7	1 51	13 31	1 12	6 8	2 27	13 13	0 32	S 17
S 18	20 36	15 52	0 55	18 28	1 46	22 36	0 45	10 16	1 51	13 33	1 13	6 9	2 27	13 14	0 32	S 18
M19	20 24	18 35	0s20	17 55	1 40	22 37	0 42	10 26	1 52	13 34	1 13	6 10	2 27	13 14	0 32	M19
T 20	20 12	20 11	1 35	17 22	1 33	22 38	0 39	10 35	1 52	13 36	1 13	6 11	2 27	13 14	0 32	T 20
W21	19 59	20 28	2 46	16 48	1 26	22 37	0 37	10 44	1 52	13 38	1 13	6 13	2 26	13 15	0 32	W21
T 22	19 46	19 18	3 46	16 14	1 17	22 37	0 34	10 53	1 52	13 40	1 13	6 14	2 26	13 15	0 32	T 22
F 23	19 32	16 46	4 30	15 39	1 8	22 35	0 31	11 2	1 53	13 42	1 14	6 16	2 26	13 16	0 32	F 23
S 24	19 18	13 7	4 56	15 4	0 58	22 33	0 29	11 11	1 53	13 43	1 14	6 17	2 26	13 16	0 32	S 24
S 25	19 4	8 41	5 1	14 29	0 46	22 30	0 26	11 20	1 53	13 45	1 14	6 18	2 25	13 16	0 32	S 25
M26	18 49	3 52	4 46	13 55	0 34	22 26	0 23	11 29	1 53	13 46	1 14	6 20	2 25	13 16	0 32	M26
T 27	18 34	1s 0	4 15	13 21	0 21	22 22	0 20	11 37	1 54	13 48	1 14	6 21	2 25	13 17	0 32	T 27
W28	18 18	5 40	3 29	12 48	0 7	22 17	0 18	11 45	1 54	13 49	1 14	6 23	2 25	13 17	0 32	W28
T 29	18 3	9 54	2 34	12 17	0n 8	22 12	0 15	11 54	1 54	13 51	1 15	6 24	2 24	13 17	0 32	T 29
F 30	17 47	13 33	1 34	11 47	0 23	22 5	0 12	12 2	1 54	13 52	1 15	6 26	2 24	13 17	0 32	F 30
S 31	17s30	16s31	0s30	11s20	0n40	21s58	0n10	12s10	1n55	13s53	1n15	6n28	2s24	13s17	0n32	S 31

Julian Day Number = 2687491.5, Delta T = 23m18s

Ecliptic obliquity = 23°21'13", Nutation = 0°00'14"

Ayanamsha: Fagan/Bradley = 33°46'36", Lahiri = 32°53'36"

## ASTRODIENST EPHEMERIS for the year 2646

FEBRUARY 2646

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 44 22	11 <sup>39</sup> 27	26 <sup>11</sup> 14	28 <sup>53</sup> 53	19 <sup>3</sup> 23	7 <sup>11</sup> 57	11 <sup>11</sup> 5	22 <sup>2</sup> 28	7 <sup>11</sup> 0	15 <sup>3</sup> 3	27 <sup>0</sup> 7	19 <sup>0</sup> 50	19 <sup>11</sup> 14	1 <sup>3</sup> 32	23 <sup>51</sup> 51	S 1
M 2	8 48 18	12 <sup>40</sup> 29	8 <sup>7</sup> 6	29 <sup>0</sup> 7	20 <sup>3</sup> 38	8 <sup>2</sup> 23	11 <sup>0</sup> 9	22 <sup>3</sup> 32	7 <sup>0</sup> 1	15 <sup>5</sup> 5	27 <sup>11</sup> 6	19 <sup>11</sup> 49	19 <sup>11</sup> 11	1 <sup>3</sup> 39	23 <sup>55</sup> 55	M 2
T 3	8 52 15	13 <sup>41</sup> 31	19 <sup>53</sup> 29	29 <sup>0</sup> 10	21 <sup>5</sup> 53	8 <sup>4</sup> 48	11 <sup>0</sup> 14	22 <sup>3</sup> 37	7 <sup>0</sup> 1	15 <sup>7</sup> 7	27 <sup>0</sup> 5	19 <sup>0</sup> 46	19 <sup>0</sup> 8	1 <sup>4</sup> 45	24 <sup>0</sup> 0	T 3
W 4	8 56 12	14 <sup>42</sup> 32	1 <sup>3</sup> 41	29 <sup>0</sup> 2	23 <sup>0</sup> 8	9 <sup>9</sup> 12	11 <sup>0</sup> 18	22 <sup>4</sup> 41	7 <sup>0</sup> 1	15 <sup>9</sup> 9	27 <sup>0</sup> 4	19 <sup>0</sup> 40	19 <sup>0</sup> 5	1 <sup>5</sup> 52	24 <sup>0</sup> 5	W 4
T 5	9 0 8	15 <sup>43</sup> 32	13 <sup>3</sup> 32	28 <sup>4</sup> 42	24 <sup>2</sup> 23	9 <sup>3</sup> 37	11 <sup>0</sup> 22	22 <sup>4</sup> 45	7 <sup>0</sup> 2	15 <sup>11</sup> 11	27 <sup>0</sup> 4	19 <sup>0</sup> 30	19 <sup>0</sup> 2	1 <sup>5</sup> 59	24 <sup>0</sup> 9	T 5
F 6	9 4 5	16 <sup>44</sup> 32	25 <sup>3</sup> 31	28 <sup>0</sup> 11	25 <sup>3</sup> 38	10 <sup>0</sup> 1	11 <sup>0</sup> 25	22 <sup>4</sup> 49	7 <sup>0</sup> 2	15 <sup>13</sup> 13	27 <sup>0</sup> 3	19 <sup>0</sup> 19	18 <sup>0</sup> 58	2 <sup>0</sup> 5	24 <sup>0</sup> 14	F 6
S 7	9 8 1	17 <sup>45</sup> 31	7 <sup>3</sup> 38	27 <sup>2</sup> 29	26 <sup>5</sup> 53	10 <sup>2</sup> 5	11 <sup>0</sup> 29	22 <sup>5</sup> 54	7 <sup>0</sup> 2	15 <sup>15</sup> 15	27 <sup>0</sup> 2	19 <sup>0</sup> 5	18 <sup>0</sup> 55	2 <sup>1</sup> 12	24 <sup>0</sup> 19	S 7
S 8	9 11 58	18 <sup>46</sup> 29	19 <sup>5</sup> 55	26 <sup>3</sup> 37	28 <sup>0</sup> 8	10 <sup>4</sup> 48	11 <sup>0</sup> 32	22 <sup>5</sup> 58	7 <sup>0</sup> 2	15 <sup>17</sup> 17	27 <sup>0</sup> 2	18 <sup>0</sup> 50	18 <sup>0</sup> 52	2 <sup>1</sup> 19	24 <sup>0</sup> 23	S 8
M 9	9 15 54	19 <sup>47</sup> 26	2 <sup>11</sup> 22	25 <sup>3</sup> 37	29 <sup>2</sup> 23	11 <sup>0</sup> 12	11 <sup>0</sup> 36	23 <sup>0</sup> 3	7 <sup>0</sup> 3	15 <sup>19</sup> 19	27 <sup>0</sup> 1	18 <sup>0</sup> 35	18 <sup>0</sup> 49	2 <sup>2</sup> 26	24 <sup>0</sup> 28	M 9
T 10	9 19 51	20 <sup>48</sup> 22	15 <sup>0</sup> 0	24 <sup>3</sup> 30	0 <sup>3</sup> 38	11 <sup>0</sup> 35	11 <sup>0</sup> 39	23 <sup>0</sup> 8	7 <sup>0</sup> 3	15 <sup>21</sup> 21	27 <sup>0</sup> 0	18 <sup>0</sup> 23	18 <sup>0</sup> 46	2 <sup>3</sup> 32	24 <sup>0</sup> 33	T 10
W 11	9 23 47	21 <sup>49</sup> 17	27 <sup>0</sup> 49	23 <sup>1</sup> 19	1 <sup>5</sup> 53	11 <sup>0</sup> 57	11 <sup>0</sup> 41	23 <sup>0</sup> 13	7 <sup>0</sup> 3	15 <sup>23</sup> 23	27 <sup>0</sup> 0	18 <sup>0</sup> 12	18 <sup>0</sup> 42	2 <sup>3</sup> 39	24 <sup>0</sup> 37	W 11
T 12	9 27 44	22 <sup>50</sup> 11	10 <sup>1</sup> 48	22 <sup>0</sup> 5	3 <sup>0</sup> 8	12 <sup>0</sup> 20	11 <sup>0</sup> 44	23 <sup>0</sup> 17	7 <sup>0</sup> 3	15 <sup>25</sup> 25	26 <sup>0</sup> 59	18 <sup>0</sup> 5	18 <sup>0</sup> 39	2 <sup>4</sup> 46	24 <sup>0</sup> 42	T 12
F 13	9 31 40	23 <sup>51</sup> 04	23 <sup>0</sup> 59	20 <sup>5</sup> 51	4 <sup>2</sup> 23	12 <sup>0</sup> 42	11 <sup>0</sup> 46	23 <sup>0</sup> 22	7 <sup>0</sup> 2	15 <sup>27</sup> 27	26 <sup>0</sup> 59	18 <sup>0</sup> 1	18 <sup>0</sup> 36	2 <sup>5</sup> 52	24 <sup>0</sup> 47	F 13
S 14	9 35 37	24 <sup>51</sup> 56	7 <sup>18</sup> 22	19 <sup>3</sup> 39	5 <sup>3</sup> 38	13 <sup>0</sup> 3	11 <sup>0</sup> 49	23 <sup>0</sup> 27	7 <sup>0</sup> 2	15 <sup>29</sup> 29	26 <sup>0</sup> 58	17 <sup>0</sup> 59	18 <sup>0</sup> 33	2 <sup>5</sup> 59	24 <sup>0</sup> 51	S 14
S 15	9 39 34	25 <sup>52</sup> 46	21 <sup>0</sup> 0	18 <sup>3</sup> 30	6 <sup>5</sup> 52	13 <sup>0</sup> 25	11 <sup>0</sup> 51	23 <sup>0</sup> 33	7 <sup>0</sup> 2	15 <sup>31</sup> 31	26 <sup>0</sup> 57	17 <sup>0</sup> 59	18 <sup>0</sup> 30	3 <sup>0</sup> 6	24 <sup>0</sup> 56	S 15
M 16	9 43 30	26 <sup>53</sup> 35	4 <sup>11</sup> 54	17 <sup>2</sup> 27	8 <sup>0</sup> 7	13 <sup>0</sup> 46	11 <sup>0</sup> 53	23 <sup>0</sup> 38	7 <sup>0</sup> 2	15 <sup>32</sup> 32	26 <sup>0</sup> 57	17 <sup>0</sup> 59	18 <sup>0</sup> 27	3 <sup>1</sup> 12	25 <sup>0</sup> 1	M 16
T 17	9 47 27	27 <sup>54</sup> 22	19 <sup>0</sup> 3	16 <sup>2</sup> 29	9 <sup>2</sup> 22	14 <sup>0</sup> 7	11 <sup>0</sup> 55	23 <sup>0</sup> 43	7 <sup>0</sup> 1	15 <sup>34</sup> 34	26 <sup>0</sup> 56	17 <sup>0</sup> 57	18 <sup>0</sup> 23	3 <sup>1</sup> 19	25 <sup>0</sup> 5	T 17
W 18	9 51 23	28 <sup>55</sup> 08	3 <sup>12</sup> 28	15 <sup>3</sup> 39	10 <sup>3</sup> 37	14 <sup>0</sup> 27	11 <sup>0</sup> 56	23 <sup>0</sup> 48	7 <sup>0</sup> 1	15 <sup>36</sup> 36	26 <sup>0</sup> 56	17 <sup>0</sup> 54	18 <sup>0</sup> 20	3 <sup>2</sup> 26	25 <sup>0</sup> 10	W 18
T 19	9 55 20	29 <sup>55</sup> 53	18 <sup>0</sup> 6	14 <sup>5</sup> 57	11 <sup>5</sup> 52	14 <sup>0</sup> 47	11 <sup>0</sup> 57	23 <sup>0</sup> 54	7 <sup>0</sup> 0	15 <sup>38</sup> 38	26 <sup>0</sup> 55	17 <sup>0</sup> 47	18 <sup>0</sup> 17	3 <sup>3</sup> 32	25 <sup>0</sup> 15	T 19
F 20	9 59 16	0 <sup>1</sup> 56	2 <sup>12</sup> 50	14 <sup>2</sup> 23	13 <sup>0</sup> 7	15 <sup>0</sup> 7	11 <sup>0</sup> 59	23 <sup>0</sup> 59	7 <sup>0</sup> 0	15 <sup>40</sup> 40	26 <sup>0</sup> 55	17 <sup>0</sup> 38	18 <sup>0</sup> 14	3 <sup>3</sup> 39	25 <sup>0</sup> 19	F 20
S 21	10 3 13	1 <sup>57</sup> 17	17 <sup>3</sup> 34	13 <sup>5</sup> 57	14 <sup>2</sup> 22	15 <sup>0</sup> 26	12 <sup>0</sup> 0	24 <sup>0</sup> 5	6 <sup>5</sup> 59	15 <sup>41</sup> 41	26 <sup>0</sup> 55	17 <sup>0</sup> 27	18 <sup>0</sup> 11	3 <sup>4</sup> 46	25 <sup>0</sup> 24	S 21
S 22	10 7 10	2 <sup>57</sup> 57	2 <sup>11</sup> 10	13 <sup>4</sup> 40	15 <sup>3</sup> 37	15 <sup>0</sup> 45	12 <sup>0</sup> 0	24 <sup>0</sup> 10	6 <sup>5</sup> 59	15 <sup>43</sup> 43	26 <sup>0</sup> 54	17 <sup>0</sup> 16	18 <sup>0</sup> 8	3 <sup>5</sup> 52	25 <sup>0</sup> 29	S 22
M 23	10 11 6	3 <sup>58</sup> 36	16 <sup>3</sup> 30	13 <sup>3</sup> 30	16 <sup>5</sup> 52	16 <sup>0</sup> 4	12 <sup>0</sup> 1	24 <sup>0</sup> 16	6 <sup>5</sup> 58	15 <sup>45</sup> 45	26 <sup>0</sup> 54	17 <sup>0</sup> 5	18 <sup>0</sup> 4	3 <sup>5</sup> 59	25 <sup>0</sup> 33	M 23
T 24	10 15 3	4 <sup>59</sup> 13	0 <sup>12</sup> 28	13 <sup>2</sup> D27	18 <sup>0</sup> 7	16 <sup>0</sup> 22	12 <sup>0</sup> 1	24 <sup>0</sup> 22	6 <sup>5</sup> 57	15 <sup>46</sup> 46	26 <sup>0</sup> 53	16 <sup>0</sup> 55	18 <sup>0</sup> 1	4 <sup>0</sup> 6	25 <sup>0</sup> 38	T 24
W 25	10 18 59	5 <sup>59</sup> 50	14 <sup>0</sup> 0	13 <sup>3</sup> 32	19 <sup>2</sup> 22	16 <sup>0</sup> 39	12 <sup>0</sup> 2	24 <sup>0</sup> 27	6 <sup>5</sup> 57	15 <sup>48</sup> 48	26 <sup>0</sup> 53	16 <sup>0</sup> 48	17 <sup>0</sup> 58	4 <sup>1</sup> 12	25 <sup>0</sup> 43	W 25
T 26	10 22 56	7 <sup>0</sup> 25	27 <sup>0</sup> 7	13 <sup>4</sup> 44	20 <sup>3</sup> 37	16 <sup>0</sup> 57	12 <sup>0</sup> R 2	24 <sup>0</sup> 33	6 <sup>5</sup> 56	15 <sup>50</sup> 50	26 <sup>0</sup> 53	16 <sup>0</sup> 44	17 <sup>0</sup> 55	4 <sup>1</sup> 19	25 <sup>0</sup> 47	T 26
F 27	10 26 52	8 <sup>0</sup> 59	9 <sup>11</sup> 49	14 <sup>0</sup> 1	21 <sup>5</sup> 52	17 <sup>0</sup> 14	12 <sup>0</sup> 2	24 <sup>0</sup> 39	6 <sup>5</sup> 55	15 <sup>51</sup> 51	26 <sup>0</sup> 53	16 <sup>0</sup> 43	17 <sup>0</sup> 52	4 <sup>2</sup> 26	25 <sup>0</sup> 52	F 27
S 28	10 30 49	9 <sup>11</sup> 31	22 <sup>11</sup> 11	14 <sup>2</sup> 25	23 <sup>5</sup> 57	17 <sup>11</sup> 30	12 <sup>0</sup> 1	24 <sup>0</sup> 45	6 <sup>11</sup> 54	15 <sup>53</sup> 53	26 <sup>11</sup> 52	16 <sup>0</sup> D42	17 <sup>11</sup> 48	4 <sup>2</sup> 33	25 <sup>5</sup> 56	S 28

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	17s14	18s41	0n34	10s56	0n57	21s51	0n 7	12s18	1n55	13s54	1n15	6n29	2s24	13s18	0n32	21s34
M 2	16 57	20 1	1 35	10 34	1 15	21 42	0 4	12 26	1 55	13 56	1 15	6 31	2 23	13 18	0 32	21 34
T 3	16 39	20 27	2 32	10 17	1 32	21 33	0 2	12 33	1 55	13 57	1 16	6 33	2 23	13 18	0 32	21 34
W 4	16 22	19 59	3 22	10 3	1 50	21 24	0s 1	12 41	1 56	13 58	1 16	6 35	2 23	13 18	0 32	21 33
T 5	16 4	18 38	4 4	9 53	2 8	21 14	0 4	12 48	1 56	13 59	1 16	6 36	2 23	13 18	0 32	21 33
F 6	15 46	16 28	4 35	9 48	2 25	21 3	0 6	12 56	1 56	14 0	1 16	6 38	2 23	13 18	0 32	21 33
S 7	15 27	13 34	4 54	9 48	2 40	20 51	0 9	13 3	1 56	14 1	1 17	6 40	2 22	13 18	0 32	21 33
S 8	15 9	10 3	4 59	9 51	2 55	20 39	0 12	13 10	1 56	14 1	1 17	6 42	2 22	13 18	0 32	21 32
M 9	14 50	6 3	4 51	9 59	3 8	20 26	0 14	13 17	1 57	14 2	1 17	6 44	2 22	13 18	0 33	21 32
T 10	14 30	1 45	4 28	10 11	3 19	20 13	0 17	13 24	1 57	14 3	1 17	6 46	2 22	13 18	0 33	21 32
W 11	14 11	2n41	3 52	10 26	3 27	19 59	0 19	13 31	1 57	14 4	1 17	6 48	2 21	13 18	0 33	21 32
T 12	13 51	7 4	3 3	10 44	3 33	19 45	0 22	13 37	1 57	14 4	1 18	6 50	2 21	13 18	0 33	21 31
F 13	13 31	11 11	2 3	11 4	3 37	19 29	0 24	13 44	1 57	14 5	1 18	6 52	2 21	13 18	0 33	21 31
S 14	13 11	14 48	0 56	11 25	3 38	19 14	0 27	13 50	1 57	14 5	1 18	6 54	2 21	13 18	0 33	21 31
S 15	12 51	17 41	0s16	11 47	3 37	18 58	0 29	13 56	1 58	14 6	1 18	6 56	2 21	13 18	0 33	21 31
M 16	12 30	19 35	1 28	12 10	3 33	18 41	0 32	14 2	1 58	14 6	1 18	6 58	2 20	13 18	0 33	21 31
T 17	12 10	20 18	2 36	12 32	3 28	18 23	0 34	14 8	1 58	14 6	1 19	7 0	2 20	13 18	0 33	21 30
W 18	11 49	19 43	3 36	12 53	3 21	18 6	0 36	14 14	1 58	14 7	1 19	7 2	2 20	13 17	0 33	21 30
T 19	11 27	17 48	4 22	13 13	3 12	17 47	0 39	14 20	1 58	14 7	1 19	7 4	2 20	13 17	0 33	21 30
F 20	11 6	14 44	4 51	13 33	3 3	17 28	0 41	14 25	1 58	14 7	1 19	7 6	2 20	13 17	0 33	21 30
S 21	10 45	10 44	5 1	13 50	2 52	17 9	0 43	14 31	1 58	14 7	1 19	7 9	2 19	13 17	0 33	21 30
S 22	10 23	6 8	4 51	14 6	2 40	16 49	0 45	14 36	1 58	14 7	1 20	7 11	2 19	13 17	0 33	21 29
M 23	10 1	1 16	4 23	14 20	2 28	16 29	0 47	14 41	1 59	14 7	1 20	7 13	2 19	13 16	0 33	21 29
T 24	9 39	3s32	3 39	14 33	2 16	16 8	0 49	14 47	1 59	14 7	1 20	7 15	2 19	13 16	0 33	21 29
W 25	9 17	8 2	2 44	14 44	2 4	15 46	0 51	14 51	1 59	14 7	1 20	7 18	2 19	13 16	0 33	21 29
T 26	8 54	12 0	1 42	14 53	1 51	15 25	0 53	14 56	1 59	14 7	1 21	7 20	2 19	13 16	0 33	21 28
F 27	8 32	15 17	0 37	15 0	1 38	15 3	0 55	15 1	1 59	14 6	1 21	7 22	2 18	13 15	0 33	21 28
S 28	8s 9	17s47	0n29	15s 5	1n26	14s40	0s57	15s 5	1n59	14s 6	1n21	7n25	2s18	13s15	0n33	21s28

Julian Day Number = 2687522.5, Delta T = 23m19s

Ecliptic obliquity = 23°21'13, Nutation = 0°00'15

Ayanamsha: Fagan/Bradley = 33°46'40, Lahiri = 32°53'40

## ASTRODIENST EPHEMERIS for the year 2646

MARCH 2646

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 34 45	10° 2'03	4° 16	14° 53	24° 22	17° 46	12° R 1	24° 51	6° R53	15° 54	26° R52	16° R43	17° 45	4° 39	26° 1	S 1
M 2	10 38 42	11° 2'33	16° 11	15° 27	25° 36	18° 2	12° 0	24° 57	6° 52	15° 56	26° 52	16° 43	17° 42	4° 46	26° 5	M 2
T 3	10 42 38	12° 3'02	28° 0	16° 5	26° 51	18° 17	11° 59	25° 4	6° 51	15° 57	26° 52	16° 41	17° 39	4° 53	26° 10	T 3
W 4	10 46 35	13° 3'30	9° 50	16° 47	28° 6	18° 31	11° 58	25° 10	6° 50	15° 59	26° 51	16° 38	17° 36	4° 59	26° 15	W 4
T 5	10 50 32	14° 3'57	21° 44	17° 34	29° 21	18° 45	11° 57	25° 16	6° 49	16° 0	26° 51	16° 32	17° 33	5° 6	26° 19	T 5
F 6	10 54 28	15° 4'22	3° 47	18° 24	0° 36	18° 59	11° 55	25° 22	6° 47	16° 1	26° 51	16° 23	17° 29	5° 13	26° 23	F 6
S 7	10 58 25	16° 4'45	16° 2	19° 17	1° 51	19° 12	11° 54	25° 29	6° 46	16° 3	26° 51	16° 13	17° 26	5° 19	26° 28	S 7
S 8	11 2 21	17° 5'07	28° 31	20° 13	3° 6	19° 25	11° 52	25° 35	6° 45	16° 4	26° 51	16° 1	17° 23	5° 26	26° 32	S 8
M 9	11 6 18	18° 5'28	11° 13	21° 12	4° 21	19° 37	11° 50	25° 42	6° 43	16° 5	26° 51	15° 50	17° 20	5° 33	26° 37	M 9
T 10	11 10 14	19° 5'47	24° 10	22° 14	5° 36	19° 48	11° 48	25° 48	6° 42	16° 7	26° 51	15° 40	17° 17	5° 39	26° 41	T 10
W 11	11 14 11	20° 6'04	7° 20	23° 18	6° 51	19° 59	11° 45	25° 55	6° 41	16° 8	26° 51	15° 32	17° 13	5° 46	26° 46	W 11
T 12	11 18 7	21° 6'19	20° 42	24° 25	8° 6	20° 10	11° 43	26° 1	6° 39	16° 9	26° 51	15° 27	17° 10	5° 53	26° 50	T 12
F 13	11 22 4	22° 6'33	4° 14	25° 33	9° 20	20° 19	11° 40	26° 8	6° 37	16° 10	26° 51	15° 24	17° 7	5° 59	26° 54	F 13
S 14	11 26 1	23° 6'44	17° 56	26° 44	10° 35	20° 29	11° 37	26° 15	6° 36	16° 12	26° 51	15° 24	17° 4	6° 6	26° 59	S 14
S 15	11 29 57	24° 6'54	1° 46	27° 57	11° 50	20° 37	11° 34	26° 22	6° 34	16° 13	26° 51	15° 25	17° 1	6° 13	27° 3	S 15
M 16	11 33 54	25° 7'01	15° 44	29° 11	13° 5	20° 45	11° 30	26° 28	6° 33	16° 14	26° 51	15° 26	16° 58	6° 20	27° 7	M 16
T 17	11 37 50	26° 7'07	29° 49	0° 27	14° 20	20° 53	11° 27	26° 35	6° 31	16° 15	26° 51	15° 26	16° 54	6° 26	27° 11	T 17
W 18	11 41 47	27° 7'10	14° 1	1° 45	15° 35	20° 59	11° 23	26° 42	6° 29	16° 16	26° 51	15° 25	16° 51	6° 33	27° 16	W 18
T 19	11 45 43	28° 7'11	28° 18	3° 5	16° 49	21° 6	11° 20	26° 49	6° 27	16° 17	26° 51	15° 21	16° 48	6° 40	27° 20	T 19
F 20	11 49 40	29° 7'10	12° 36	4° 26	18° 4	21° 11	11° 16	26° 56	6° 25	16° 18	26° 52	15° 16	16° 45	6° 46	27° 24	F 20
S 21	11 53 36	0° 7'07	26° 51	5° 48	19° 19	21° 16	11° 11	27° 3	6° 24	16° 19	26° 52	15° 9	16° 42	6° 53	27° 28	S 21
S 22	11 57 33	1° 7'02	10° 59	7° 12	20° 34	21° 20	11° 7	27° 10	6° 22	16° 20	26° 52	15° 2	16° 39	7° 0	27° 32	S 22
M 23	12 1 30	2° 6'55	24° 54	8° 38	21° 48	21° 24	11° 3	27° 17	6° 20	16° 21	26° 52	14° 55	16° 35	7° 6	27° 36	M 23
T 24	12 5 26	3° 6'45	8° 34	10° 4	23° 3	21° 26	10° 58	27° 24	6° 18	16° 21	26° 53	14° 49	16° 32	7° 13	27° 40	T 24
W 25	12 9 23	4° 6'34	21° 54	11° 32	24° 18	21° 28	10° 53	27° 31	6° 16	16° 22	26° 53	14° 44	16° 29	7° 20	27° 44	W 25
T 26	12 13 19	5° 6'22	4° 53	13° 2	25° 33	21° 30	10° 48	27° 38	6° 14	16° 23	26° 53	14° 42	16° 26	7° 26	27° 48	T 26
F 27	12 17 16	6° 6'07	17° 33	14° 32	26° 47	21° 31	10° 43	27° 46	6° 12	16° 24	26° 53	14° 42	16° 23	7° 33	27° 52	F 27
S 28	12 21 12	7° 5'51	29° 54	16° 5	28° 2	21° 31	10° 38	27° 53	6° 9	16° 25	26° 54	14° 43	16° 19	7° 40	27° 56	S 28
S 29	12 25 9	8° 5'33	12° 2	17° 38	29° 17	21° 30	10° 33	28° 0	6° 7	16° 25	26° 54	14° 44	16° 16	7° 46	28° 0	S 29
M 30	12 29 5	9° 5'13	23° 59	19° 12	0° 31	21° 28	10° 27	28° 7	6° 5	16° 26	26° 55	14° 46	16° 13	7° 53	28° 3	M 30
T 31	12 33 2	10° 4'52	5° 51	20° 48	1° 46	21° 26	10° 21	28° 15	6° 3	16° 26	26° 55	14° 47	16° 10	8° 0	28° 7	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	7s47	19s25	1n32	15s 9	1n13	14s17	0s59	15s10	1n59	14s 6	1n21	7n27	2s18	13s15	0n33	21s28	0n57
M 2	7 24	20 9	2 30	15 11	1 1	13 54	1 1	15 14	1 59	14 5	1 21	7 29	2 18	13 14	0 33	21 28	0 57
T 3	7 1	19 59	3 22	15 11	0 49	13 30	1 3	15 18	1 59	14 5	1 22	7 32	2 18	13 14	0 33	21 28	0 57
W 4	6 38	18 56	4 4	15 9	0 37	13 6	1 4	15 22	1 59	14 4	1 22	7 34	2 18	13 14	0 33	21 27	0 57
T 5	6 15	17 3	4 36	15 6	0 26	12 41	1 6	15 26	1 59	14 4	1 22	7 36	2 17	13 13	0 33	21 27	0 57
F 6	5 52	14 25	4 57	15 2	0 15	12 16	1 7	15 30	1 59	14 3	1 22	7 39	2 17	13 13	0 33	21 27	0 57
S 7	5 28	11 8	5 4	14 56	0 4	11 51	1 9	15 33	1 59	14 3	1 22	7 41	2 17	13 12	0 33	21 27	0 57
S 8	5 5	7 18	4 57	14 48	0s 7	11 26	1 10	15 37	1 59	14 2	1 23	7 44	2 17	13 12	0 33	21 27	0 57
M 9	4 42	3 5	4 35	14 39	0 17	11 0	1 12	15 40	1 59	14 1	1 23	7 46	2 17	13 11	0 33	21 26	0 57
T 10	4 18	1n21	3 59	14 28	0 26	10 34	1 13	15 43	1 58	14 0	1 23	7 49	2 17	13 11	0 33	21 26	0 57
W 11	3 54	5 48	3 9	14 16	0 36	10 7	1 15	15 46	1 58	13 59	1 23	7 51	2 17	13 10	0 33	21 26	0 57
T 12	3 31	10 2	2 9	14 2	0 45	9 41	1 16	15 49	1 58	13 58	1 23	7 54	2 16	13 10	0 33	21 26	0 57
F 13	3 7	13 49	1 0	13 48	0 53	9 14	1 17	15 52	1 58	13 57	1 24	7 56	2 16	13 9	0 33	21 26	0 57
S 14	2 43	16 54	0s14	13 31	1 1	8 47	1 18	15 55	1 58	13 56	1 24	7 59	2 16	13 9	0 33	21 26	0 57
S 15	2 20	19 1	1 27	13 14	1 9	8 19	1 19	15 57	1 58	13 55	1 24	8 1	2 16	13 8	0 33	21 25	0 57
M 16	1 56	20 1	2 36	12 55	1 17	7 51	1 20	15 59	1 57	13 54	1 24	8 4	2 16	13 8	0 33	21 25	0 57
T 17	1 32	19 45	3 36	12 35	1 24	7 24	1 21	16 2	1 57	13 53	1 24	8 6	2 16	13 7	0 33	21 25	0 57
W 18	1 8	18 15	4 23	12 13	1 30	6 56	1 22	16 4	1 57	13 51	1 24	8 9	2 16	13 7	0 33	21 25	0 57
T 19	0 45	15 37	4 55	11 50	1 37	6 27	1 23	16 6	1 56	13 50	1 25	8 12	2 16	13 6	0 33	21 25	0 57
F 20	0 21	12 2	5 8	11 26	1 42	5 59	1 23	16 7	1 56	13 49	1 25	8 14	2 15	13 5	0 33	21 25	0 57
S 21	0n 3	7 47	5 2	11 1	1 48	5 30	1 24	16 9	1 56	13 47	1 25	8 17	2 15	13 5	0 33	21 25	0 57
S 22	0 27	3 8	4 37	10 35	1 53	5 2	1 25	16 10	1 55	13 46	1 25	8 19	2 15	13 4	0 33	21 24	0 58
M 23	0 50	1s37	3 57	10 7	1 57	4 33	1 25	16 12	1 55	13 44	1 25	8 22	2 15	13 4	0 33	21 24	0 58
T 24	1 14	6 11	3 3	9 39	2 2	4 4	1 26	16 13	1 54	13 43	1 25	8 25	2 15	13 3	0 33	21 24	0 58
W 25	1 38	10 22	2 1	9 9	2 5	3 35	1 26	16 14	1 54	13 41	1 26	8 27	2 15	13 2	0 33	21 24	0 58
T 26	2 1	13 56	0 53	8 38	2 9	3 5	1 27	16 15	1 53	13 39	1 26	8 30	2 15	13 1	0 33	21 24	0 58
F 27	2 25	16 45	0n16	8 5	2 12	2 36	1 27	16 16	1 53	13 38	1 26	8 32	2 15	13 1	0 33	21 24	0 58
S 28	2 48	18 43	1 22	7 32	2 14	2 7	1 27	16 16	1 52	13 36	1 26	8 35	2 15	13 0	0 33	21 24	0 58
S 29	3 12	19 47	2 23	6 58	2 16	1 37	1 27	16 16	1 52	13 34	1 26	8 38	2 15	12 59	0 33	21 24	0 58
M 30	3 35	19 55	3 18	6 22	2 18	1 8	1 27	16 17	1 51	13 32	1 26	8 40	2 15	12 59	0 33	21 24	0 58
T 31	3n59	19s10	4n 3	5s46	2s19	0s38	1s27	16s17	1n50	13s30	1n26	8n43	2s14	12s58	0n33	21s23	0n58

Julian Day Number = 2687550.5, Delta T = 23m19s

Ecliptic obliquity = 23°21'13, Nutation = 0°00'14

Ayanamsha: Fagan/Bradley = 33°46'44, Lahiri = 32°53'44

## ASTRODIENST EPHEMERIS for the year 2646

APRIL 2646

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 36 58	11°Y 4'28	17°Z 42	22°X 25	3°Y 1	21°R 23	10°R 16	28°Y 22	6°R 1	16°Z 27	26°I 55	14°R 47	16°M 7	8°Z 7	28°X 11	W 1
T 2	12 40 55	12° 4'04	29°38	24° 4	4°15	21°M 19	10°M 10	28°29	5°M 58	16°28	26°56	14°M 45	16° 4	8°13	28°15	T 2
F 3	12 44 52	13° 3'37	11°X 44	25°44	5°30	21°15	10° 4	28°37	5°56	16°28	26°56	14°42	16° 0	8°20	28°18	F 3
S 4	12 48 48	14° 3'09	24° 2	27°25	6°45	21° 9	9°58	28°44	5°54	16°29	26°57	14°38	15°57	8°27	28°22	S 4
S 5	12 52 45	15° 2'38	6°X 37	29° 7	7°59	21° 3	9°51	28°51	5°52	16°29	26°57	14°33	15°54	8°33	28°25	S 5
M 6	12 56 41	16° 2'06	19°30	0°Y 51	9°14	20°56	9°45	28°59	5°49	16°30	26°58	14°28	15°51	8°40	28°29	M 6
T 7	13 0 38	17° 1'32	2°Y 42	2°36	10°28	20°49	9°38	29° 6	5°47	16°30	26°58	14°24	15°48	8°47	28°32	T 7
W 8	13 4 34	18° 0'56	16°12	4°22	11°43	20°40	9°32	29°14	5°44	16°30	26°59	14°21	15°44	8°53	28°36	W 8
T 9	13 8 31	19° 0'19	29°58	6° 9	12°58	20°31	9°25	29°21	5°42	16°31	27° 0	14°19	15°41	9° 0	28°39	T 9
F 10	13 12 27	19°59'39	13°X 57	7°58	14°12	20°21	9°18	29°29	5°40	16°31	27° 0	14°D 18	15°38	9° 7	28°43	F 10
S 11	13 16 24	20°58'57	28° 5	9°49	15°27	20°10	9°11	29°36	5°37	16°31	27° 1	14°19	15°35	9°14	28°46	S 11
S 12	13 20 21	21°58'13	12°I 19	11°41	16°41	19°59	9° 4	29°44	5°35	16°31	27° 2	14°20	15°32	9°20	28°49	S 12
M13	13 24 17	22°57'27	26°35	13°34	17°56	19°46	8°57	29°51	5°32	16°32	27° 2	14°21	15°29	9°27	28°52	M13
T 14	13 28 14	23°56'38	10°X 51	15°28	19°10	19°33	8°50	29°59	5°30	16°32	27° 3	14°22	15°25	9°34	28°55	T 14
W15	13 32 10	24°55'47	25° 3	17°24	20°25	19°20	8°43	0°X 6	5°27	16°32	27° 4	14°R 23	15°22	9°40	28°58	W15
T 16	13 36 7	25°54'54	9°Q 10	19°21	21°39	19° 5	8°36	0°14	5°25	16°32	27° 4	14°22	15°19	9°47	29° 2	T 16
F 17	13 40 3	26°53'58	23°10	21°20	22°53	18°50	8°28	0°21	5°22	16°32	27° 5	14°21	15°16	9°54	29° 4	F 17
S 18	13 44 0	27°53'00	7°P 0	23°20	24° 8	18°34	8°21	0°29	5°20	16°R 32	27° 6	14°19	15°13	10° 0	29° 7	S 18
S 19	13 47 56	28°52'00	20°40	25°21	25°22	18°18	8°13	0°36	5°17	16°32	27° 7	14°17	15°10	10° 7	29°10	S 19
M20	13 51 53	29°50'57	4°E 8	27°23	26°37	18° 1	8° 6	0°44	5°14	16°32	27° 8	14°15	15° 6	10°14	29°13	M20
T 21	13 55 50	0°X 49'53	17°21	29°26	27°51	17°43	7°58	0°52	5°12	16°32	27° 8	14°13	15° 3	10°20	29°16	T 21
W22	13 59 46	1°48'46	0°M 20	1°X 31	29° 5	17°25	7°51	0°59	5° 9	16°32	27° 9	14°12	15° 0	10°27	29°19	W22
T 23	14 3 43	2°47'38	13° 4	3°36	0°X 20	17° 7	7°43	1° 7	5° 7	16°32	27°10	14°D 12	14°57	10°34	29°21	T 23
F 24	14 7 39	3°46'27	25°34	5°42	1°34	16°47	7°35	1°14	5° 4	16°32	27°11	14°12	14°54	10°41	29°24	F 24
S 25	14 11 36	4°45'15	7°X 50	7°48	2°48	16°28	7°28	1°22	5° 2	16°31	27°12	14°13	14°50	10°47	29°27	S 25
S 26	14 15 32	5°44'01	19°55	9°55	4° 3	16° 7	7°20	1°29	4°59	16°31	27°13	14°14	14°47	10°54	29°29	S 26
M27	14 19 29	6°42'45	1°Z 52	12° 2	5°17	15°47	7°12	1°37	4°56	16°31	27°14	14°14	14°44	11° 1	29°31	M27
T 28	14 23 25	7°41'28	13°44	14° 8	6°31	15°26	7° 5	1°44	4°54	16°31	27°15	14°15	14°41	11° 7	29°34	T 28
W29	14 27 22	8°40'09	25°36	16°14	7°45	15° 4	6°57	1°52	4°51	16°30	27°16	14°16	14°38	11°14	29°36	W29
T 30	14 31 19	9°X 38'48	7°X 33	18°X 19	9°X 0	14°M 43	6°M 49	1°X 59	4°M 49	16°Z 30	27°I 17	14°R 16	14°M 35	11°Z 21	29°X 39	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	4n22	17s35	4n38	5s 8	2s20	0s 9	1s27	16s17	1n50	13s29	1n26	8n46	2s14	12s57	0n33	21s23
T 2	4 45	15 14	5 2	4 30	2 20	0n21	1 27	16 17	1 49	13 27	1 27	8 48	2 14	12 56	0 33	21 23
F 3	5 8	12 12	5 12	3 50	2 20	0 51	1 27	16 16	1 48	13 25	1 27	8 51	2 14	12 56	0 33	21 23
S 4	5 31	8 36	5 8	3 10	2 19	1 20	1 27	16 16	1 47	13 23	1 27	8 54	2 14	12 55	0 33	21 23
S 5	5 54	4 34	4 50	2 28	2 18	1 50	1 27	16 15	1 46	13 21	1 27	8 56	2 14	12 54	0 33	21 23
M 6	6 17	0 12	4 16	1 46	2 17	2 19	1 26	16 14	1 45	13 18	1 27	8 59	2 14	12 53	0 33	21 23
T 7	6 40	4n16	3 29	1 2	2 15	2 49	1 26	16 13	1 44	13 16	1 27	9 2	2 14	12 53	0 33	21 23
W 8	7 3	8 38	2 28	0 18	2 12	3 18	1 25	16 12	1 43	13 14	1 27	9 4	2 14	12 52	0 33	21 23
T 9	7 25	12 38	1 18	0n27	2 9	3 48	1 25	16 10	1 42	13 12	1 27	9 7	2 14	12 51	0 33	21 23
F 10	7 47	16 0	0 2	1 14	2 6	4 17	1 24	16 9	1 41	13 10	1 27	9 10	2 14	12 50	0 33	21 23
S 11	8 10	18 26	1s15	2 0	2 2	4 47	1 23	16 7	1 40	13 7	1 27	9 12	2 14	12 49	0 33	21 23
S 12	8 32	19 44	2 28	2 48	1 57	5 16	1 23	16 5	1 38	13 5	1 27	9 15	2 14	12 49	0 33	21 23
M13	8 54	19 46	3 32	3 37	1 52	5 45	1 22	16 3	1 37	13 3	1 27	9 17	2 14	12 48	0 33	21 23
T 14	9 15	18 32	4 23	4 26	1 47	6 14	1 21	16 1	1 36	13 1	1 27	9 20	2 14	12 47	0 33	21 22
W15	9 37	16 10	4 58	5 15	1 41	6 42	1 20	15 59	1 34	12 58	1 28	9 23	2 14	12 46	0 33	21 22
T 16	9 59	12 51	5 14	6 6	1 34	7 11	1 19	15 57	1 33	12 56	1 28	9 25	2 14	12 45	0 33	21 22
F 17	10 20	8 50	5 12	6 57	1 27	7 40	1 18	15 54	1 31	12 54	1 28	9 28	2 14	12 44	0 33	21 22
S 18	10 41	4 24	4 51	7 48	1 20	8 8	1 17	15 51	1 30	12 51	1 28	9 31	2 14	12 44	0 33	21 22
S 19	11 2	0s13	4 14	8 39	1 12	8 36	1 16	15 48	1 28	12 49	1 28	9 33	2 14	12 43	0 33	21 22
M20	11 23	4 45	3 24	9 31	1 3	9 4	1 15	15 45	1 26	12 46	1 28	9 36	2 14	12 42	0 33	21 22
T 21	11 43	9 0	2 23	10 23	0 55	9 32	1 13	15 42	1 25	12 44	1 28	9 39	2 14	12 41	0 33	21 22
W22	12 4	12 44	1 16	11 15	0 45	9 59	1 12	15 39	1 23	12 42	1 28	9 41	2 14	12 40	0 33	21 22
T 23	12 24	15 48	0 6	12 7	0 36	10 26	1 11	15 35	1 21	12 39	1 28	9 44	2 14	12 39	0 33	21 22
F 24	12 44	18 4	1n 3	12 58	0 26	10 53	1 9	15 32	1 19	12 37	1 28	9 46	2 14	12 38	0 33	21 22
S 25	13 4	19 27	2 7	13 49	0 15	11 20	1 8	15 28	1 17	12 34	1 28	9 49	2 14	12 38	0 33	21 22
S 26	13 23	19 53	3 5	14 39	0 5	11 47	1 6	15 24	1 15	12 32	1 28	9 52	2 14	12 37	0 33	21 22
M27	13 42	19 26	3 55	15 29	0n 6	12 13	1 5	15 20	1 13	12 29	1 28	9 54	2 14	12 36	0 33	21 22
T 28	14 2	18 7	4 34	16 17	0 17	12 39	1 3	15 16	1 11	12 27	1 28	9 57	2 14	12 35	0 33	21 22
W29	14 20	16 1	5 1	17 4	0 27	13 5	1 2	15 12	1 9	12 24	1 27	9 59	2 14	12 34	0 33	21 22
T 30	14n39	13s14	5n15	17n50	0n38	13n30	1s 0	15s 8	1n 7	12s22	1n27	10n 2	2s14	12s33	0n33	21s22

Julian Day Number = 2687581.5, Delta T = 23m19s

Ecliptic obliquity = 23°21'13, Nutation = 0°00'12

Ayanamsha: Fagan/Bradley = 33°46'48, Lahiri = 32°53'48

## ASTRODIENST EPHEMERIS for the year 2646

MAY 2646

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14 35 15	10 <sup>8</sup> 37'25	19 <sup>33</sup> 37	20 <sup>8</sup> 23	10 <sup>8</sup> 14	14°R21	6°R42	2 <sup>8</sup> 7	4°R46	16°R29	27 <sup>II</sup> 18	14°R16	14 <sup>III</sup> 31	11 <sup>3</sup> 27	29 <sup>33</sup> 41	F 1
S 2	14 39 12	11°36'01	1 <sup>II</sup> 55	22°26	11°28	13 <sup>III</sup> 59	6 <sup>III</sup> 34	2°14	4 <sup>III</sup> 44	16 <sup>3</sup> 29	27°19	14 <sup>III</sup> 16	14°28	11°34	29°43	S 2
S 3	14 43 8	12°34'35	14°31	24°27	12°42	13°36	6°26	2°22	4°41	16°29	27°20	14°15	14°25	11°41	29°45	S 3
M 4	14 47 5	13°33'08	27°26	26°26	13°57	13°14	6°19	2°29	4°38	16°28	27°21	14°15	14°22	11°48	29°47	M 4
T 5	14 51 1	14°31'39	10 <sup>II</sup> 45	28°22	15°11	12°51	6°11	2°37	4°36	16°28	27°22	14°D15	14°19	11°54	29°49	T 5
W 6	14 54 58	15°30'08	24°27	0 <sup>II</sup> 15	16°25	12°28	6° 4	2°44	4°33	16°27	27°23	14°15	14°16	12° 1	29°51	W 6
T 7	14 58 54	16°28'35	8 <sup>II</sup> 30	2° 6	17°39	12° 6	5°56	2°52	4°31	16°26	27°24	14°R15	14°12	12° 8	29°53	T 7
F 8	15 2 51	17°27'01	22°52	3°54	18°53	11°43	5°49	2°59	4°28	16°26	27°25	14°15	14° 9	12°14	29°55	F 8
S 9	15 6 47	18°25'25	7 <sup>II</sup> 27	5°38	20° 7	11°21	5°41	3° 7	4°26	16°25	27°26	14°15	14° 6	12°21	29°56	S 9
S 10	15 10 44	19°23'47	22° 8	7°18	21°21	10°58	5°34	3°14	4°23	16°24	27°27	14°15	14° 3	12°28	29°58	S 10
M11	15 14 41	20°22'07	6 <sup>II</sup> 50	8°55	22°35	10°36	5°27	3°21	4°21	16°24	27°28	14°14	14° 0	12°34	29°59	M11
T 12	15 18 37	21°20'26	21°26	10°28	23°50	10°14	5°20	3°29	4°19	16°23	27°30	14°13	13°56	12°41	0 <sup>II</sup> 1	T 12
W13	15 22 34	22°18'42	5 <sup>II</sup> 50	11°57	25° 4	9°52	5°13	3°36	4°16	16°22	27°31	14°13	13°53	12°48	0° 3	W13
T 14	15 26 30	23°16'56	20° 0	13°22	26°18	9°31	5° 6	3°43	4°14	16°22	27°32	14°D12	13°50	12°55	0° 4	T 14
F 15	15 30 27	24°15'08	3 <sup>III</sup> 54	14°42	27°32	9°10	4°59	3°51	4°11	16°21	27°33	14°13	13°47	13° 1	0° 6	F 15
S 16	15 34 23	25°13'18	17°31	15°59	28°46	8°49	4°52	3°58	4° 9	16°20	27°34	14°13	13°44	13° 8	0° 7	S 16
S 17	15 38 20	26°11'26	0 <sup>II</sup> 51	17°11	29°59	8°29	4°45	4° 5	4° 7	16°19	27°36	14°14	13°41	13°15	0° 8	S 17
M18	15 42 16	27° 9'32	13°55	18°19	1 <sup>III</sup> 14	8° 9	4°38	4°12	4° 4	16°18	27°37	14°15	13°37	13°21	0° 9	M18
T 19	15 46 13	28° 7'36	26°46	19°22	2°28	7°50	4°32	4°19	4° 2	16°17	27°38	14°16	13°34	13°28	0°10	T 19
W20	15 50 10	29° 5'38	9 <sup>III</sup> 23	20°20	3°42	7°32	4°25	4°26	4° 0	16°16	27°39	14°R17	13°31	13°35	0°11	W20
T 21	15 54 6	0 <sup>II</sup> 3'39	21°49	21°14	4°55	7°13	4°19	4°34	3°58	16°15	27°40	14°17	13°28	13°42	0°12	T 21
F 22	15 58 3	1° 1'39	4 <sup>II</sup> 5	22° 4	6° 9	6°56	4°13	4°41	3°55	16°14	27°42	14°16	13°25	13°48	0°13	F 22
S 23	16 1 59	1°59'36	16°12	22°48	7°23	6°39	4° 7	4°48	3°53	16°13	27°43	14°14	13°22	13°55	0°14	S 23
S 24	16 5 56	2°57'33	28°12	23°28	8°37	6°23	4° 1	4°55	3°51	16°12	27°44	14°11	13°18	14° 2	0°15	S 24
M25	16 9 52	3°55'28	10 <sup>3</sup> 6	24° 3	9°51	6° 7	3°55	5° 2	3°49	16°11	27°46	14° 8	13°15	14° 8	0°16	M25
T 26	16 13 49	4°53'21	21°58	24°33	11° 5	5°52	3°49	5° 8	3°47	16°10	27°47	14° 5	13°12	14°15	0°16	T 26
W27	16 17 46	5°51'14	3 <sup>III</sup> 50	24°58	12°19	5°38	3°43	5°15	3°45	16° 9	27°48	14° 2	13° 9	14°22	0°17	W27
T 28	16 21 42	6°49'05	15°46	25°19	13°33	5°25	3°38	5°22	3°43	16° 8	27°49	14° 0	13° 6	14°28	0°17	T 28
F 29	16 25 39	7°46'54	27°50	25°34	14°46	5°12	3°33	5°29	3°41	16° 7	27°51	13°58	13° 2	14°35	0°18	F 29
S 30	16 29 35	8°44'43	10 <sup>II</sup> 5	25°44	16° 0	5° 0	3°27	5°36	3°39	16° 5	27°52	13°D58	12°59	14°42	0°18	S 30
S 31	16 33 32	9 <sup>II</sup> 42'31	22 <sup>II</sup> 37	25 <sup>II</sup> 50	17 <sup>II</sup> 14	4 <sup>III</sup> 49	3 <sup>III</sup> 22	5 <sup>III</sup> 43	3 <sup>III</sup> 37	16 <sup>3</sup> 4	27 <sup>II</sup> 53	13 <sup>III</sup> 58	12 <sup>III</sup> 56	14 <sup>3</sup> 49	0 <sup>II</sup> 19	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	14n57	9s52	5n16	18n34	0n49	13n55	0s58	15s 3	1n 5	12s20	1n27	10n 4	2s14	12s33	0n33	21s22
S 2	15 16	6 2	5 2	19 17	1 0	14 19	0 56	14 59	1 2	12 17	1 27	10 7	2 14	12 32	0 33	21 22
S 3	15 33	1 51	4 34	19 57	1 10	14 44	0 55	14 55	1 0	12 15	1 27	10 9	2 14	12 31	0 33	21 22
M 4	15 51	2n32	3 52	20 35	1 20	15 8	0 53	14 50	0 58	12 12	1 27	10 12	2 14	12 30	0 33	21 22
T 5	16 8	6 56	2 55	21 11	1 30	15 31	0 51	14 46	0 55	12 10	1 27	10 14	2 14	12 29	0 33	21 23
W 6	16 25	11 7	1 48	21 44	1 39	15 54	0 49	14 41	0 53	12 7	1 27	10 17	2 14	12 28	0 33	21 23
T 7	16 42	14 47	0 32	22 16	1 47	16 17	0 47	14 36	0 51	12 5	1 27	10 19	2 14	12 28	0 33	21 23
F 8	16 59	17 39	0s48	22 44	1 55	16 39	0 45	14 32	0 48	12 3	1 27	10 22	2 14	12 27	0 33	21 23
S 9	17 15	19 25	2 5	23 11	2 3	17 1	0 43	14 27	0 46	12 0	1 27	10 24	2 14	12 26	0 33	21 23
S 10	17 31	19 53	3 15	23 34	2 9	17 23	0 41	14 23	0 43	11 58	1 27	10 27	2 14	12 25	0 33	21 23
M11	17 47	18 59	4 12	23 56	2 15	17 44	0 39	14 18	0 41	11 56	1 26	10 29	2 14	12 24	0 33	21 23
T 12	18 2	16 50	4 52	24 15	2 20	18 4	0 36	14 14	0 38	11 54	1 26	10 32	2 14	12 23	0 33	21 23
W13	18 17	13 40	5 14	24 31	2 24	18 25	0 34	14 10	0 36	11 51	1 26	10 34	2 14	12 23	0 33	21 23
T 14	18 32	9 46	5 15	24 45	2 27	18 44	0 32	14 5	0 33	11 49	1 26	10 36	2 14	12 22	0 33	21 23
F 15	18 46	5 24	4 59	24 57	2 29	19 3	0 30	14 1	0 30	11 47	1 26	10 39	2 14	12 21	0 33	21 23
S 16	19 0	0 51	4 25	25 7	2 31	19 22	0 28	13 57	0 28	11 45	1 26	10 41	2 14	12 20	0 33	21 23
S 17	19 14	3s40	3 38	25 15	2 31	19 40	0 25	13 53	0 25	11 43	1 26	10 43	2 15	12 20	0 33	21 23
M18	19 27	7 56	2 40	25 21	2 31	19 57	0 23	13 49	0 23	11 41	1 26	10 46	2 15	12 19	0 33	21 23
T 19	19 40	11 46	1 35	25 24	2 29	20 14	0 21	13 45	0 20	11 39	1 25	10 48	2 15	12 18	0 33	21 23
W20	19 53	15 0	0 27	25 26	2 27	20 31	0 18	13 42	0 18	11 37	1 25	10 50	2 15	12 17	0 33	21 24
T 21	20 5	17 29	0n42	25 27	2 23	20 47	0 16	13 38	0 15	11 35	1 25	10 53	2 15	12 17	0 33	21 24
F 22	20 17	19 8	1 47	25 25	2 18	21 2	0 14	13 35	0 12	11 33	1 25	10 55	2 15	12 16	0 33	21 24
S 23	20 29	19 52	2 47	25 22	2 13	21 17	0 11	13 32	0 10	11 31	1 25	10 57	2 15	12 15	0 33	21 24
S 24	20 41	19 41	3 39	25 17	2 6	21 31	0 9	13 29	0 7	11 29	1 25	10 59	2 15	12 14	0 33	21 24
M25	20 51	18 38	4 21	25 11	1 58	21 44	0 6	13 26	0 5	11 27	1 24	11 1	2 15	12 14	0 33	21 24
T 26	21 2	16 46	4 52	25 4	1 50	21 57	0 4	13 24	0 2	11 25	1 24	11 4	2 15	12 13	0 33	21 24
W27	21 12	14 12	5 10	24 55	1 40	22 10	0 2	13 21	0 0	11 24	1 24	11 6	2 15	12 12	0 33	21 24
T 28	21 22	11 2	5 14	24 45	1 29	22 21	0n 1	13 19	0s 2	11 22	1 24	11 8	2 16	12 12	0 33	21 24
F 29	21 32	7 24	5 5	24 34	1 17	22 32	0 3	13 17	0 5	11 20	1 24	11 10	2 16	12 11	0 33	21 25
S 30	21 41	3 24	4 43	24 22	1 5	22 43	0 6	13 15	0 7	11 19	1 23	11 12	2 16	12 10	0 33	21 25
S 31	21n50	0n51	4n 6	24n 8	0n51	22n53	0n 8	13s14	0s10	11s17	1n23	11n14	2s16	12s10	0n33	21s25

Julian Day Number = 2687611.5, Delta T = 23m20s

Ecliptic obliquity = 23°21'13, Nutation = 0°00'11

Ayanamsha: Fagan/Bradley = 33°46'52, Lahiri = 32°53'52

## ASTRODIENST EPHEMERIS for the year 2646

JUNE 2646

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 37 28	10II40'17	5Y30	25°R51	18II28	4°R38	3°R17	5°R49	3°R35	16°R 3	27II55	14II 0	12II53	14°R55	0°R19	M 1
T 2	16 41 25	11°38'02	18°47	25II47	19°42	4II29	3II13	5°56	3II33	16°R 2	27°56	14° 1	12°50	15° 2	0°19	T 2
W 3	16 45 21	12°35'47	2°30	25°39	20°55	4°20	3° 8	6° 2	3°31	16° 0	27°57	14° 3	12°47	15° 9	0°19	W 3
T 4	16 49 18	13°33'30	16°39	25°26	22° 9	4°12	3° 3	6° 9	3°30	15°59	27°59	14°R 3	12°43	15°15	0°R19	T 4
F 5	16 53 14	14°31'12	1II12	25° 9	23°23	4° 4	2°59	6°16	3°28	15°58	28° 0	14° 2	12°40	15°22	0°19	F 5
S 6	16 57 11	15°28'53	16° 5	24°49	24°37	3°58	2°55	6°22	3°26	15°57	28° 2	14° 0	12°37	15°29	0°19	S 6
S 7	17 1 8	16°26'33	1°8 8	24°25	25°50	3°52	2°51	6°28	3°24	15°55	28° 3	13°56	12°34	15°36	0°19	S 7
M 8	17 5 4	17°24'12	16°13	23°59	27° 4	3°48	2°47	6°35	3°23	15°54	28° 4	13°51	12°31	15°42	0°19	M 8
T 9	17 9 1	18°21'49	1°11	23°30	28°18	3°44	2°44	6°41	3°21	15°53	28° 6	13°46	12°28	15°49	0°19	T 9
W10	17 12 57	19°19'25	15°54	22°59	29°32	3°40	2°40	6°47	3°20	15°51	28° 7	13°42	12°24	15°56	0°18	W10
T 11	17 16 54	20°17'00	0°15	22°26	0°45	3°38	2°37	6°54	3°18	15°50	28° 8	13°39	12°21	16° 2	0°18	T 11
F 12	17 20 50	21°14'33	14°13	21°53	1°59	3°37	2°34	7° 0	3°17	15°48	28°10	13°38	12°18	16° 9	0°17	F 12
S 13	17 24 47	22°12'05	27°47	21°19	3°13	3°D36	2°31	7° 6	3°15	15°47	28°11	13°D38	12°15	16°16	0°17	S 13
S 14	17 28 44	23° 9'35	10°58	20°46	4°26	3°36	2°28	7°12	3°14	15°45	28°13	13°39	12°12	16°22	0°16	S 14
M15	17 32 40	24° 7'04	23°49	20°14	5°40	3°37	2°25	7°18	3°13	15°44	28°14	13°40	12° 8	16°29	0°16	M15
T 16	17 36 37	25° 4'32	6°24	19°43	6°53	3°39	2°23	7°24	3°11	15°42	28°15	13°41	12° 5	16°36	0°15	T 16
W17	17 40 33	26° 1'59	18°45	19°13	8° 7	3°41	2°21	7°30	3°10	15°41	28°17	13°R41	12° 2	16°43	0°14	W17
T 18	17 44 30	26°59'25	0°57	18°47	9°21	3°44	2°18	7°35	3° 9	15°39	28°18	13°40	11°59	16°49	0°13	T 18
F 19	17 48 26	27°56'50	13° 1	18°23	10°34	3°48	2°17	7°41	3° 8	15°38	28°20	13°36	11°56	16°56	0°12	F 19
S 20	17 52 23	28°54'14	24°59	18° 2	11°48	3°53	2°15	7°47	3° 7	15°36	28°21	13°31	11°53	17° 3	0°11	S 20
S 21	17 56 19	29°51'37	6°53	17°45	13° 1	3°58	2°13	7°52	3° 6	15°35	28°22	13°23	11°49	17° 9	0°10	S 21
M22	18 0 16	0°49'00	18°46	17°32	14°15	4° 4	2°12	7°58	3° 5	15°33	28°24	13°15	11°46	17°16	0° 9	M22
T 23	18 4 13	1°46'22	0°38	17°23	15°28	4°11	2°11	8° 4	3° 4	15°32	28°25	13° 6	11°43	17°23	0° 8	T 23
W24	18 8 9	2°43'43	12°31	17°19	16°42	4°19	2°10	8° 9	3° 3	15°30	28°27	12°57	11°40	17°30	0° 7	W24
T 25	18 12 6	3°41'03	24°29	17°D18	17°55	4°27	2° 9	8°14	3° 2	15°29	28°28	12°49	11°37	17°36	0° 6	T 25
F 26	18 16 2	4°38'23	6°33	17°23	19° 9	4°36	2° 8	8°20	3° 1	15°27	28°29	12°44	11°34	17°43	0° 4	F 26
S 27	18 19 59	5°35'43	18°48	17°31	20°22	4°45	2° 8	8°25	3° 0	15°25	28°31	12°40	11°30	17°50	0° 3	S 27
S 28	18 23 55	6°33'02	1°18	17°45	21°36	4°56	2° 7	8°30	3° 0	15°24	28°32	12°D39	11°27	17°56	0° 2	S 28
M29	18 27 52	7°30'21	14° 6	18° 3	22°49	5° 7	2°D 7	8°35	2°59	15°22	28°33	12°39	11°24	18° 3	0° 0	M29
T 30	18 31 48	8°27'40	27°Y16	18II25	24°56 3	5II18	2II 7	8°40	2II58	15°R21	28II35	12II39	11II21	18°R10	29°58	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	21n58	5n11	3n16	23n54	0n37	23n 2	0n10	13s12	0s12	11s16	1n23	11n16	2s16	12s 9	0n33	21s25
T 2	22 6	9 24	2 14	23 39	0 21	23 10	0 13	13 11	0 14	11 15	1 23	11 19	2 16	12 9	0 33	21 25
W 3	22 14	13 17	1 3	23 22	0 5	23 18	0 15	13 11	0 16	11 13	1 23	11 21	2 16	12 8	0 33	21 25
T 4	22 21	16 32	0s14	23 5	0s11	23 25	0 18	13 10	0 19	11 12	1 22	11 23	2 16	12 7	0 33	21 25
F 5	22 28	18 49	1 33	22 48	0 28	23 31	0 20	13 10	0 21	11 11	1 22	11 25	2 16	12 7	0 33	21 26
S 6	22 34	19 52	2 46	22 30	0 45	23 37	0 22	13 9	0 23	11 9	1 22	11 27	2 17	12 6	0 33	21 26
S 7	22 40	19 32	3 49	22 11	1 3	23 42	0 25	13 10	0 25	11 8	1 22	11 29	2 17	12 6	0 33	21 26
M 8	22 46	17 48	4 36	21 53	1 20	23 46	0 27	13 10	0 27	11 7	1 21	11 30	2 17	12 5	0 32	21 26
T 9	22 51	14 52	5 4	21 34	1 38	23 50	0 29	13 11	0 29	11 6	1 21	11 32	2 17	12 5	0 32	21 26
W10	22 56	11 3	5 11	21 15	1 55	23 53	0 32	13 11	0 31	11 5	1 21	11 34	2 17	12 4	0 32	21 26
T 11	23 0	6 41	4 59	20 56	2 12	23 55	0 34	13 12	0 33	11 4	1 21	11 36	2 17	12 4	0 32	21 26
F 12	23 4	2 3	4 28	20 38	2 29	23 57	0 36	13 14	0 35	11 4	1 20	11 38	2 17	12 3	0 32	21 27
S 13	23 7	2s33	3 44	20 20	2 44	23 57	0 39	13 15	0 37	11 3	1 20	11 40	2 18	12 3	0 32	21 27
S 14	23 11	6 54	2 49	20 3	2 59	23 58	0 41	13 17	0 39	11 2	1 20	11 42	2 18	12 2	0 32	21 27
M15	23 13	10 51	1 46	19 47	3 13	23 57	0 43	13 19	0 41	11 1	1 20	11 43	2 18	12 2	0 32	21 27
T 16	23 16	14 14	0 40	19 32	3 26	23 56	0 45	13 22	0 43	11 1	1 19	11 45	2 18	12 2	0 32	21 27
W17	23 18	16 54	0n27	19 18	3 37	23 54	0 47	13 24	0 45	11 0	1 19	11 47	2 18	12 1	0 32	21 27
T 18	23 19	18 46	1 32	19 6	3 48	23 51	0 49	13 27	0 46	11 0	1 19	11 49	2 18	12 1	0 32	21 28
F 19	23 20	19 46	2 32	18 55	3 57	23 47	0 52	13 30	0 48	10 59	1 19	11 50	2 19	12 1	0 32	21 28
S 20	23 21	19 51	3 24	18 45	4 5	23 43	0 54	13 33	0 50	10 59	1 18	11 52	2 19	12 0	0 32	21 28
S 21	23 21	19 3	4 7	18 37	4 11	23 39	0 56	13 36	0 52	10 59	1 18	11 54	2 19	12 0	0 32	21 28
M22	23 21	17 26	4 40	18 31	4 16	23 33	0 58	13 40	0 53	10 58	1 18	11 55	2 19	12 0	0 32	21 28
T 23	23 20	15 4	5 0	18 27	4 20	23 27	1 0	13 44	0 55	10 58	1 18	11 57	2 19	11 59	0 32	21 28
W24	23 20	12 5	5 7	18 24	4 22	23 20	1 2	13 48	0 56	10 58	1 17	11 58	2 19	11 59	0 32	21 29
T 25	23 18	8 35	5 0	18 23	4 24	23 12	1 3	13 52	0 58	10 58	1 17	12 0	2 20	11 59	0 32	21 29
F 26	23 16	4 43	4 41	18 23	4 24	23 4	1 5	13 56	0 59	10 58	1 17	12 1	2 20	11 58	0 32	21 29
S 27	23 14	0 36	4 8	18 25	4 22	22 55	1 7	14 1	1 1	10 58	1 17	12 3	2 20	11 58	0 32	21 29
S 28	23 12	3n37	3 23	18 28	4 20	22 46	1 9	14 6	1 2	10 58	1 16	12 4	2 20	11 58	0 32	21 29
M29	23 8	7 48	2 27	18 33	4 17	22 35	1 10	14 11	1 4	10 59	1 16	12 6	2 20	11 58	0 32	21 30
T 30	23n 5	11n44	1n22	18n40	4s12	22n24	1n12	14s16	1s 5	10s59	1n16	12n 7	2s21	11s58	0n32	21s30

Julian Day Number = 2687642.5, Delta T = 23m20s

Ecliptic obliquity = 23°21'12, Nutation = 0°00'11

Ayanamsha: Fagan/Bradley = 33°46'57, Lahiri = 32°53'57



## ASTRODIENST EPHEMERIS for the year 2646

AUGUST 2646

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 37 58	8♂59°52	3♂ 4	4♂28	3♂ 6	16♂ 3	3♂40	10♂38	3♂ 7	14°R30	29♂16	9°R53	9♂39	21♂45	28°R43	S 1
S 2	20 41 55	9°57'12	18° 8	6°36	4°19	16°31	3°46	10°40	3° 8	14♂29	29°17	9♂45	9°36	21°51	28°40	S 2
M 3	20 45 51	10°54'32	3♂22	8°44	5°32	16°58	3°52	10°42	3° 9	14°28	29°18	9°35	9°33	21°58	28°37	M 3
T 4	20 49 48	11°51'52	18°35	10°51	6°45	17°26	3°57	10°44	3°10	14°26	29°19	9°24	9°30	22° 5	28°34	T 4
W 5	20 53 44	12°49'13	3♂36	12°58	7°58	17°54	4° 3	10°46	3°12	14°25	29°20	9°13	9°26	22°12	28°31	W 5
T 6	20 57 41	13°46'35	18°16	15° 4	9°11	18°22	4°10	10°48	3°13	14°23	29°21	9° 5	9°23	22°18	28°28	T 6
F 7	21 1 38	14°43'57	2♂30	17°10	10°23	18°51	4°16	10°50	3°14	14°22	29°22	8°59	9°20	22°25	28°25	F 7
S 8	21 5 34	15°41'20	16°14	19°14	11°36	19°20	4°22	10°51	3°16	14°21	29°23	8°55	9°17	22°32	28°22	S 8
S 9	21 9 31	16°38'43	29°29	21°17	12°49	19°50	4°29	10°53	3°17	14°19	29°24	8°54	9°14	22°38	28°19	S 9
M10	21 13 27	17°36'06	12♂18	23°18	14° 2	20°19	4°36	10°54	3°19	14°18	29°25	8°54	9°11	22°45	28°16	M10
T 11	21 17 24	18°33'30	24°47	25°19	15°15	20°49	4°42	10°56	3°20	14°17	29°26	8°54	9° 7	22°52	28°12	T 11
W12	21 21 20	19°30'55	6♂59	27°17	16°27	21°20	4°49	10°57	3°22	14°16	29°27	8°52	9° 4	22°59	28° 9	W12
T 13	21 25 17	20°28'20	18°59	29°14	17°40	21°50	4°56	10°58	3°24	14°14	29°28	8°49	9° 1	23° 5	28° 6	T 13
F 14	21 29 13	21°25'46	0♂53	1♂10	18°53	22°21	5° 4	10°59	3°25	14°13	29°29	8°44	8°58	23°12	28° 3	F 14
S 15	21 33 10	22°23'12	12°44	3° 4	20° 5	22°52	5°11	11° 0	3°27	14°12	29°30	8°36	8°55	23°19	28° 0	S 15
S 16	21 37 7	23°20'39	24°36	4°57	21°18	23°23	5°19	11° 1	3°29	14°11	29°31	8°25	8°51	23°25	27°57	S 16
M17	21 41 3	24°18'08	6♂31	6°48	22°31	23°55	5°26	11° 1	3°31	14°10	29°32	8°13	8°48	23°32	27°53	M17
T 18	21 45 0	25°15'36	18°31	8°37	23°43	24°27	5°34	11° 2	3°33	14° 8	29°32	8° 0	8°45	23°39	27°50	T 18
W19	21 48 56	26°13'06	0♂37	10°25	24°56	24°59	5°42	11° 2	3°35	14° 7	29°33	7°47	8°42	23°46	27°47	W19
T 20	21 52 53	27°10'37	12°50	12°11	26° 8	25°31	5°50	11° 3	3°36	14° 6	29°34	7°36	8°39	23°52	27°44	T 20
F 21	21 56 49	28° 8'09	25°11	13°56	27°21	26° 4	5°58	11° 3	3°39	14° 5	29°35	7°27	8°36	23°59	27°41	F 21
S 22	22 0 46	29° 5'42	7°42	15°39	28°33	26°37	6° 6	11° 3	3°41	14° 4	29°36	7°21	8°32	24° 6	27°37	S 22
S 23	22 4 42	0♂ 3'17	20°24	17°21	29°46	27°10	6°14	11°R 3	3°43	14° 3	29°37	7°18	8°29	24°12	27°34	S 23
M24	22 8 39	1° 0'52	3♂19	19° 1	0♂58	27°43	6°23	11° 3	3°45	14° 2	29°37	7°D17	8°26	24°19	27°31	M24
T 25	22 12 36	1°58'30	16°30	20°39	2°10	28°17	6°31	11° 3	3°47	14° 1	29°38	7°17	8°23	24°26	27°28	T 25
W26	22 16 32	2°56'08	29°59	22°17	3°23	28°51	6°40	11° 3	3°49	14° 0	29°39	7°R17	8°20	24°33	27°25	W26
T 27	22 20 29	3°53'49	13♂48	23°52	4°35	29°25	6°49	11° 2	3°52	13°59	29°40	7°17	8°17	24°39	27°21	T 27
F 28	22 24 25	4°51'31	27°58	25°26	5°47	29°59	6°58	11° 2	3°54	13°59	29°40	7°15	8°13	24°46	27°18	F 28
S 29	22 28 22	5°49'14	12♂28	26°59	7° 0	0♂33	7° 7	11° 1	3°56	13°58	29°41	7°10	8°10	24°53	27°15	S 29
S 30	22 32 18	6°46'59	27°14	28°30	8°12	1° 8	7°16	11° 1	3°59	13°57	29°42	7° 4	8° 7	25° 0	27°12	S 30
M31	22 36 15	7♂44'46	12♂10	29♂59	9♂24	1♂43	7♂25	11♂ 0	4♂ 1	13♂56	29♂42	6♂56	8♂ 4	25♂ 6	27° 9	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17n57	19n18	4 s 1	20n22	1n20	11n47	1n33	18 s 7	1 s36	11s38	1n 8	12n37	2s28	12 s 2	0n31	21s36	0n59	14n36	8s45	14s44	14s39	16s46	5s44	6n32			
S 2	17 41	17 31	4 40	19 57	1 26	11 20	1 33	18 16	1 37	11 40	1 7	12 38	2 28	12 2	0 31	21 36	0 59	14 36	8 45	14 41	14 38	16 45	5 45	6 32			
M 3	17 26	14 29	4 59	19 29	1 31	10 53	1 32	18 24	1 37	11 42	1 7	12 38	2 28	12 2	0 31	21 36	0 59	14 36	8 46	14 38	14 37	16 43	5 46	6 32			
T 4	17 10	10 30	4 57	18 59	1 36	10 25	1 32	18 32	1 38	11 45	1 7	12 38	2 29	12 3	0 31	21 36	0 59	14 35	8 46	14 34	14 36	16 42	5 47	6 32			
W 5	16 54	5 53	4 34	18 27	1 39	9 58	1 31	18 41	1 39	11 47	1 7	12 39	2 29	12 3	0 30	21 36	0 59	14 35	8 46	14 31	14 35	16 41	5 48	6 32			
T 6	16 38	1 2	3 54	17 53	1 42	9 30	1 30	18 49	1 39	11 49	1 6	12 39	2 29	12 4	0 30	21 37	0 59	14 35	8 46	14 28	14 34	16 39	5 49	6 33			
F 7	16 21	3s44	3 0	17 17	1 44	9 1	1 29	18 58	1 40	11 51	1 6	12 39	2 29	12 4	0 30	21 37	0 58	14 35	8 46	14 26	14 33	16 38	5 50	6 33			
S 8	16 5	8 10	1 57	16 40	1 46	8 33	1 28	19 6	1 40	11 54	1 6	12 40	2 30	12 5	0 30	21 37	0 58	14 35	8 46	14 25	14 32	16 37	5 51	6 33			
S 9	15 47	12 1	0 50	16 2	1 46	8 4	1 27	19 15	1 41	11 56	1 6	12 40	2 30	12 5	0 30	21 37	0 58	14 35	8 46	14 25	14 31	16 36	5 52	6 33			
M10	15 30	15 11	0n18	15 22	1 46	7 35	1 26	19 23	1 41	11 59	1 5	12 40	2 30	12 6	0 30	21 37	0 58	14 35	8 46	14 25	14 30	16 34	5 53	6 33			
T 11	15 13	17 33	1 23	14 41	1 45	7 6	1 25	19 32	1 42	12 1	1 5	12 40	2 30	12 6	0 30	21 37	0 58	14 35	8 46	14 25	14 29	16 33	5 54	6 33			
W12	14 55	19 3	2 23	14 0	1 44	6 37	1 24	19 40	1 42	12 4	1 5	12 40	2 31	12 7	0 30	21 38	0 58	14 35	8 46	14 24	14 28	16 32	5 55	6 33			
T 13	14 37	19 39	3 15	13 17	1 42	6 8	1 23	19 49	1 43	12 6	1 5	12 40	2 31	12 8	0 30	21 38	0 58	14 35	8 46	14 23	14 27	16 30	5 56	6 33			
F 14	14 19	19 22	3 59	12 34	1 39	5 38	1 21	19 57	1 43	12 9	1 5	12 40	2 31	12 8	0 30	21 38	0 58	14 35	8 47	14 22	14 26	16 29	5 57	6 33			
S 15	14 0	18 15	4 31	11 50	1 36	5 8	1 20	20 6	1 44	12 11	1 4	12 40	2 31	12 9	0 30	21 38	0 58	14 34	8 47	14 19	14 25	16 28	5 58	6 33			
S 16	13 41	16 20	4 52	11 6	1 32	4 38	1 18	20 14	1 44	12 14	1 4	12 40	2 32	12 10	0 30	21 38	0 58	14 34	8 47	14 16	14 24	16 26	5 59	6 33			
M17	13 22	13 43	5 1	10 21	1 28	4 8	1 17	20 22	1 45	12 17	1 4	12 40	2 32	12 10	0 30	21 38	0 58	14 34	8 47	14 12	14 23	16 25	6 1	6 33			
T 18	13 3	10 32	4 56	9 36	1 24	3 38	1 15	20 31	1 45	12 20	1 4	12 40	2 32	12 11	0 30	21 38	0 58	14 34	8 47	14 8	14 22	16 24	6 2	6 33			
W19	12 44	6 53	4 38	8 51	1 19	3 8	1 14	20 39	1 45	12 22	1 4	12 40	2 32	12 12	0 30	21 39	0 58	14 34	8 47	14 3	14 21	16 22	6 3	6 33			
T 20	12 24	2 55	4 7	8 6	1 13	2 38	1 12	20 47	1 46	12 25	1 3	12 40	2 33	12 12	0 30	21 39	0 58	14 34	8 47	14 0	14 20	16 21	6 4	6 33			
F 21	12 5	1n13	3 24	7 20	1 7	2 7	1 10	20 55	1 46	12 28	1 3	12 40	2 33	12 13	0 30	21 39	0 58	14 34	8 47	13 57	14 19	16 20	6 5	6 33			
S 22	11 45	5 21	2 30	6 35	1 1	1 37	1 8	21 3	1 46	12 31	1 3	12 40	2 33	12 14	0 30	21 39	0 58	14 34	8 47	13 55	14 18	16 18	6 6	6 32			
S 23	11 25	9 19	1 29	5 50	0 55	1 6	1 6	21 11	1 47	12 34	1 3	12 39	2 33	12 14	0 30	21 39	0 58	14 34	8 48	13 54	14 17	16 17	6 7	6 32			
M24	11 4	12 54	0 21	5 4	0 48	0 36	1 4	21 19	1 47	12 37	1 3	12 39	2 34	12 15	0 30	21 39	0 58	14 33	8 48	13 53	14 16	16 16	6 8	6 32			
T 25	10 44	15 56	0s49	4 19	0 41	0 5	1 2	21 27	1 47	12 40	1 2	12 39	2 34	12 16	0 30	21 39	0 58	14 33	8 48	13 54	14 15	16 14	6 10	6 32			
W26	10 23	18 9	1 58	3 34	0 34	0s26	1 0	21 35	1 48	12 43	1 2	12 39	2 34	12 17	0 30	21 40	0 58	14 33	8 48	13 54	14 14	16 13	6 11	6 32			
T 27	10 3	19 22	3 2	2 50	0 26	0 56	0 57	21 43	1 48	12 46	1 2	12 38	2 34	12 18	0 30	21 40	0 58	14 33	8 48	13 54	14 13	16 11	6 12	6 32			
F 28	9 42	19 24	3 56	2 5	0 19	1 27	0 55	21 50	1 48	12 49	1 2	12 38	2 35	12 18	0 30	21 40	0 58	14 33	8 48	13 53	14 12	16 10	6 13	6 32			
S 29	9 21	18 11	4 37	1 21	0 11	1 58	0 53	21 58	1 49	12 52	1 2	12 37	2 35	12 19	0 30	21 40	0 58	14 33	8 48	13 51	14 11	16 9	6 14	6 32			
S 30	8 59	15 44	5 0	0 38	0 3	2 28	0 50	22 5	1 49	12 55	1 1	12 37	2 35	12 20	0 30	21 40	0 58	14 33	8 49	13 49	14 10	16 7	6 15	6 32			
M31	8n38	12n14	5 s 3	0 s 5	0 s 6	2s59	0n48	22s13	1s49	12s58	1n 1	12n37	2s35	12s21	0n30	21s40	0n58	14n33	8s49	13s47	14s 9	16s 6	6s17	6n31			

## ASTRODIENST EPHEMERIS for the year 2646

SEPTEMBER 2646

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 40 11	8♍42'34	27♏ 7	1♌28	10♌36	2♌18	7♍34	10°R59	4♍ 4	13°R55	29♏43	6°R47	8♍ 1	25♌13	27°R 6	T 1
W 2	22 44 8	9°40'23	11♏57	2°55	11°48	2°53	7°44	10♌58	4° 6	13♌55	29°43	6♍38	7°57	25°20	27°R 3	W 2
T 3	22 48 5	10°38'14	26°31	4°20	13° 1	3°29	7°53	10°57	4° 9	13°54	29°44	6°31	7°54	25°26	27° 0	T 3
F 4	22 52 1	11°36'06	10♌42	5°44	14°13	4° 5	8° 3	10°56	4°11	13°53	29°45	6°26	7°51	25°33	26°57	F 4
S 5	22 55 58	12°33'59	24°27	7° 6	15°25	4°40	8°13	10°54	4°14	13°52	29°45	6°24	7°48	25°40	26°53	S 5
S 6	22 59 54	13°31'54	7♍45	8°26	16°37	5°17	8°22	10°53	4°17	13°52	29°46	6°D23	7°45	25°47	26°50	S 6
M 7	23 3 51	14°29'50	20°37	9°45	17°49	5°53	8°32	10°51	4°20	13°51	29°46	6°24	7°42	25°53	26°47	M 7
T 8	23 7 47	15°27'47	3♌ 9	11° 2	19° 1	6°29	8°42	10°50	4°22	13°51	29°47	6°25	7°38	26° 0	26°45	T 8
W 9	23 11 44	16°25'45	15°23	12°17	20°12	7° 6	8°52	10°48	4°25	13°50	29°47	6°R26	7°35	26° 7	26°42	W 9
T 10	23 15 40	17°23'45	27°25	13°31	21°24	7°43	9° 3	10°46	4°28	13°50	29°47	6°25	7°32	26°13	26°39	T 10
F 11	23 19 37	18°21'46	9♌19	14°42	22°36	8°20	9°13	10°44	4°31	13°49	29°48	6°23	7°29	26°20	26°36	F 11
S 12	23 23 34	19°19'48	21°11	15°52	23°48	8°57	9°23	10°42	4°34	13°49	29°48	6°18	7°26	26°27	26°33	S 12
S 13	23 27 30	20°17'52	3♌ 5	16°59	25° 0	9°35	9°34	10°40	4°37	13°48	29°49	6°12	7°22	26°34	26°30	S 13
M14	23 31 27	21°15'57	15° 3	18° 5	26°11	10°12	9°44	10°38	4°40	13°48	29°49	6° 4	7°19	26°40	26°27	M14
T 15	23 35 23	22°14'04	27° 9	19° 8	27°23	10°50	9°55	10°36	4°43	13°48	29°49	5°56	7°16	26°47	26°25	T 15
W16	23 39 20	23°12'12	9♌24	20° 8	28°35	11°28	10° 6	10°34	4°46	13°47	29°50	5°48	7°13	26°54	26°22	W16
T 17	23 43 16	24°10'22	21°50	21° 7	29°46	12° 6	10°16	10°31	4°49	13°47	29°50	5°42	7°10	27° 0	26°19	T 17
F 18	23 47 13	25° 8'33	4♏28	22° 2	0♍58	12°44	10°27	10°29	4°52	13°47	29°50	5°36	7° 7	27° 7	26°16	F 18
S 19	23 51 9	26° 6'46	17°16	22°54	2° 9	13°22	10°38	10°26	4°55	13°46	29°50	5°33	7° 3	27°14	26°14	S 19
S 20	23 55 6	27° 5'01	0♌17	23°44	3°21	14° 1	10°49	10°23	4°58	13°46	29°51	5°D31	7° 0	27°21	26°11	S 20
M21	23 59 2	28° 3'18	13°30	24°30	4°32	14°40	11° 0	10°20	5° 1	13°46	29°51	5°31	6°57	27°27	26° 9	M21
T 22	0 2 59	29° 1'37	26°55	25°12	5°43	15°18	11°11	10°18	5° 5	13°46	29°51	5°33	6°54	27°34	26° 6	T 22
W23	0 6 56	29°59'58	10♏33	25°51	6°55	15°57	11°22	10°15	5° 8	13°46	29°51	5°34	6°51	27°41	26° 4	W23
T 24	0 10 52	0♌58'21	24°24	26°26	8° 6	16°37	11°34	10°11	5°11	13°46	29°51	5°35	6°48	27°48	26° 1	T 24
F 25	0 14 49	1°56'47	8♌29	26°56	9°17	17°16	11°45	10° 8	5°14	13°46	29°51	5°R35	6°44	27°54	25°59	F 25
S 26	0 18 45	2°55'14	22°46	27°22	10°28	17°55	11°57	10° 5	5°18	13°D46	29°51	5°34	6°41	28° 1	25°57	S 26
S 27	0 22 42	3°53'44	7♏12	27°42	11°39	18°35	12° 8	10° 2	5°21	13°46	29°52	5°31	6°38	28° 8	25°54	S 27
M28	0 26 38	4°52'16	21°43	27°57	12°50	19°15	12°20	9°58	5°24	13°46	29°52	5°27	6°35	28°14	25°52	M28
T 29	0 30 35	5°50'49	6♏15	28° 7	14° 1	19°54	12°31	9°55	5°28	13°46	29°52	5°23	6°32	28°21	25°50	T 29
W30	0 34 31	6♌49'25	20♏40	28°R10	15♍12	20♌34	12♍43	9♌51	5♍31	13♌46	29°R52	5♍18	6♍28	28♌28	25°R48	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	8n17	7n57	4s46	0s48	0s14	3s29	0n45	22s20	1s49	13s 2	1n 1	12n36	2s36	12s22	0n30	21s40
W 2	7 55	3 13	4 9	1 30	0 23	4 0	0 43	22 27	1 50	13 5	1 1	12 35	2 36	12 23	0 30	21 40
T 3	7 33	1s38	3 17	2 12	0 31	4 30	0 40	22 34	1 50	13 8	1 1	12 35	2 36	12 24	0 30	21 41
F 4	7 11	6 16	2 13	2 53	0 40	5 1	0 37	22 41	1 50	13 11	1 0	12 34	2 36	12 24	0 30	21 41
S 5	6 49	10 26	1 4	3 34	0 49	5 31	0 34	22 48	1 50	13 15	1 0	12 34	2 37	12 25	0 29	21 41
S 6	6 27	13 56	0n 7	4 13	0 58	6 1	0 32	22 55	1 50	13 18	1 0	12 33	2 37	12 26	0 29	21 41
M 7	6 5	16 37	1 16	4 53	1 7	6 31	0 29	23 1	1 50	13 21	1 0	12 32	2 37	12 27	0 29	21 41
T 8	5 43	18 26	2 19	5 31	1 16	7 1	0 26	23 8	1 51	13 24	1 0	12 32	2 37	12 28	0 29	21 41
W 9	5 20	19 20	3 14	6 9	1 25	7 31	0 23	23 14	1 51	13 28	1 0	12 31	2 38	12 29	0 29	21 41
T 10	4 58	19 20	4 0	6 46	1 34	8 1	0 20	23 20	1 51	13 31	0 59	12 30	2 38	12 30	0 29	21 41
F 11	4 35	18 28	4 35	7 22	1 43	8 30	0 17	23 27	1 51	13 35	0 59	12 29	2 38	12 31	0 29	21 41
S 12	4 13	16 48	4 57	7 57	1 52	9 0	0 14	23 33	1 51	13 38	0 59	12 29	2 38	12 32	0 29	21 41
S 13	3 50	14 25	5 7	8 31	2 1	9 29	0 11	23 38	1 51	13 42	0 59	12 28	2 38	12 33	0 29	21 41
M14	3 27	11 25	5 4	9 4	2 10	9 58	0 7	23 44	1 51	13 45	0 59	12 27	2 39	12 34	0 29	21 42
T 15	3 4	7 55	4 47	9 37	2 19	10 26	0 4	23 50	1 51	13 48	0 59	12 26	2 39	12 35	0 29	21 42
W16	2 41	4 2	4 17	10 8	2 28	10 55	0 1	23 55	1 51	13 52	0 58	12 25	2 39	12 36	0 29	21 42
T 17	2 18	0n 4	3 34	10 37	2 36	11 23	0s 2	24 0	1 51	13 55	0 58	12 24	2 39	12 37	0 29	21 42
F 18	1 55	4 13	2 40	11 6	2 45	11 51	0 6	24 5	1 51	13 59	0 58	12 23	2 39	12 38	0 29	21 42
S 19	1 32	8 16	1 38	11 33	2 53	12 19	0 9	24 10	1 52	14 2	0 58	12 22	2 40	12 39	0 29	21 42
S 20	1 9	11 59	0 28	11 59	3 1	12 47	0 12	24 15	1 52	14 6	0 58	12 21	2 40	12 40	0 29	21 42
M21	0 46	15 9	0s43	12 23	3 8	13 14	0 16	24 19	1 52	14 10	0 58	12 20	2 40	12 42	0 29	21 42
T 22	0 23	17 33	1 54	12 45	3 15	13 41	0 19	24 24	1 52	14 13	0 58	12 19	2 40	12 43	0 29	21 42
W23	0 0	18 59	2 59	13 6	3 22	14 8	0 23	24 28	1 52	14 17	0 57	12 18	2 40	12 44	0 29	21 42
T 24	0s23	19 19	3 55	13 24	3 29	14 34	0 26	24 32	1 52	14 20	0 57	12 17	2 41	12 45	0 29	21 42
F 25	0 46	18 27	4 38	13 41	3 35	15 0	0 30	24 36	1 51	14 24	0 57	12 16	2 41	12 46	0 29	21 42
S 26	1 9	16 26	5 5	13 55	3 40	15 26	0 33	24 39	1 51	14 28	0 57	12 14	2 41	12 47	0 29	21 42
S 27	1 33	13 22	5 12	14 7	3 45	15 52	0 37	24 43	1 51	14 31	0 57	12 13	2 41	12 48	0 29	21 42
M28	1 56	9 29	5 0	14 16	3 49	16 17	0 40	24 46	1 51	14 35	0 57	12 12	2 41	12 49	0 29	21 42
T 29	2 19	5 2	4 28	14 22	3 52	16 41	0 44	24 49	1 51	14 38	0 57	12 11	2 41	12 50	0 29	21 42
W30	2s42	0n19	3s40	14s26	3s54	17s 6	0s47	24s52	1s51	14s42	0n56	12n 9	2s42	12s52	0n29	21s42

Julian Day Number = 2687734.5, Delta T = 23m21s

Ecliptic obliquity = 23°21'12", Nutation = 0°00'12"

Ayanamsha: Fagan/Bradley = 33°47'09", Lahiri = 32°54'09"



## ASTRODIENST EPHEMERIS for the year 2646

NOVEMBER 2646

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 40 41	8♂21°10	23♂43	20♂59	22♂28	12♂58	19♂22	7°R31	7♂29	14♂7	29°R41	5°R 7	4♂47	2♂3	25°R10	S 1
M 2	2 44 38	9°20'52	6♂28	22°21	23°36	13°42	19°35	7♂26	7°32	14° 9	29°II40	5♂7	4°44	2°10	25°9	M 2
T 3	2 48 34	10°20'35	18°57	23°47	24°45	14°26	19°48	7°22	7°36	14°10	29°39	5° 6	4°40	2°16	25° 9	T 3
W 4	2 52 31	11°20'20	1♂12	25°15	25°53	15°10	20° 1	7°17	7°40	14°11	29°39	5° 5	4°37	2°23	25°D 9	W 4
T 5	2 56 27	12°20'06	13°16	26°46	27° 1	15°54	20°14	7°12	7°44	14°12	29°38	5° 5	4°34	2°30	25° 9	T 5
F 6	3 0 24	13°19'54	25°12	28°19	28° 9	16°38	20°27	7° 7	7°48	14°14	29°37	5° 4	4°31	2°37	25° 9	F 6
S 7	3 4 20	14°19'44	7♂5	29°54	29°17	17°22	20°40	7° 3	7°51	14°15	29°36	5° 3	4°28	2°43	25°10	S 7
S 8	3 8 17	15°19'36	18°59	1♂29	0♂24	18° 6	20°54	6°58	7°55	14°16	29°36	5°D 3	4°25	2°50	25°10	S 8
M 9	3 12 14	16°19'29	0♂58	3° 6	1°32	18°50	21° 7	6°53	7°59	14°18	29°35	5° 4	4°21	2°57	25°10	M 9
T 10	3 16 10	17°19'24	13° 8	4°44	2°39	19°34	21°20	6°49	8° 3	14°19	29°34	5° 5	4°18	3° 3	25°11	T 10
W 11	3 20 7	18°19'20	25°32	6°22	3°46	20°19	21°33	6°44	8° 6	14°21	29°33	5° 6	4°15	3°10	25°11	W 11
T 12	3 24 3	19°19'18	8°V15	8° 0	4°53	21° 3	21°46	6°39	8°10	14°22	29°32	5° 7	4°12	3°17	25°12	T 12
F 13	3 28 0	20°19'18	21°18	9°39	6° 0	21°48	21°59	6°35	8°14	14°23	29°31	5° 8	4° 9	3°24	25°12	F 13
S 14	3 31 56	21°19'19	4♂43	11°17	7° 7	22°33	22°12	6°30	8°17	14°25	29°31	5°R 8	4° 5	3°30	25°13	S 14
S 15	3 35 53	22°19'22	18°29	12°56	8°14	23°17	22°26	6°26	8°21	14°27	29°30	5° 8	4° 2	3°37	25°14	S 15
M 16	3 39 49	23°19'27	2♂34	14°35	9°20	24° 2	22°39	6°21	8°25	14°28	29°29	5° 7	3°59	3°44	25°14	M 16
T 17	3 43 46	24°19'34	16°53	16°13	10°26	24°47	22°52	6°17	8°29	14°30	29°28	5° 4	3°56	3°51	25°15	T 17
W 18	3 47 43	25°19'43	1♂21	17°51	11°32	25°32	23° 5	6°12	8°32	14°31	29°27	5° 2	3°53	3°57	25°16	W 18
T 19	3 51 39	26°19'54	15°53	19°30	12°38	26°17	23°18	6° 8	8°36	14°33	29°26	4°59	3°50	4° 4	25°17	T 19
F 20	3 55 36	27°20'07	0♂21	21° 7	13°43	27° 2	23°31	6° 4	8°40	14°35	29°25	4°56	3°46	4°11	25°18	F 20
S 21	3 59 32	28°20'21	14°43	22°45	14°49	27°47	23°44	6° 0	8°43	14°36	29°24	4°55	3°43	4°17	25°19	S 21
S 22	4 3 29	29°20'38	28°54	24°22	15°54	28°32	23°58	5°55	8°47	14°38	29°23	4°D54	3°40	4°24	25°20	S 22
M 23	4 7 25	0♂20'57	12♂53	26° 0	16°59	29°17	24°11	5°51	8°50	14°40	29°22	4°55	3°37	4°31	25°22	M 23
T 24	4 11 22	1°21'17	26°39	27°36	18° 3	0°22	24°24	5°47	8°54	14°42	29°21	4°56	3°34	4°38	25°23	T 24
W 25	4 15 18	2°21'40	10♂11	29°13	19° 8	0°48	24°37	5°43	8°58	14°43	29°20	4°57	3°31	4°44	25°24	W 25
T 26	4 19 15	3°22'04	23°31	0♂49	20°12	1°33	24°50	5°39	9° 1	14°45	29°19	4°59	3°27	4°51	25°26	T 26
F 27	4 23 12	4°22'30	6♂38	2°25	21°16	2°18	25° 3	5°35	9° 5	14°47	29°18	4°R59	3°24	4°58	25°27	F 27
S 28	4 27 8	5°22'58	19°32	4° 1	22°19	3° 4	25°16	5°31	9° 8	14°49	29°17	4°58	3°21	5° 4	25°29	S 28
S 29	4 31 5	6°23'28	2♂15	5°36	23°23	3°49	25°29	5°28	9°12	14°51	29°16	4°56	3°18	5°11	25°30	S 29
M 30	4 35 1	7♂23'59	14♂47	7♂11	24♂26	4°35	25♂42	5♂24	9♂15	14♂52	29♂15	4♂52	3♂15	5°18	25°32	M 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	14s14	17s 0	1n41	6s15	2n 4	25s40	2s32	24s26	1s44	16s39	0n53	11n23	2s44	13s30	0n28	21s41
M 2	14 33	18 36	2 45	6 44	2 5	25 46	2 34	24 22	1 43	16 43	0 53	11 22	2 44	13 32	0 28	21 41
T 3	14 52	19 15	3 40	7 16	2 4	25 51	2 36	24 17	1 43	16 46	0 53	11 20	2 44	13 33	0 28	21 41
W 4	15 11	18 58	4 23	7 49	2 3	25 56	2 39	24 11	1 42	16 50	0 53	11 19	2 44	13 34	0 28	21 41
T 5	15 29	17 49	4 54	8 24	2 2	26 0	2 41	24 6	1 42	16 53	0 53	11 17	2 44	13 35	0 28	21 41
F 6	15 47	15 54	5 12	8 59	1 59	26 3	2 43	24 0	1 42	16 57	0 53	11 16	2 44	13 37	0 28	21 41
S 7	16 5	13 20	5 17	9 35	1 56	26 6	2 45	23 54	1 41	17 0	0 53	11 14	2 44	13 38	0 28	21 41
S 8	16 22	10 12	5 7	10 12	1 52	26 8	2 47	23 48	1 41	17 4	0 53	11 13	2 44	13 39	0 28	21 41
M 9	16 40	6 39	4 45	10 48	1 48	26 10	2 49	23 41	1 40	17 7	0 53	11 11	2 44	13 40	0 28	21 41
T 10	16 57	2 46	4 10	11 25	1 44	26 10	2 51	23 35	1 40	17 11	0 53	11 10	2 43	13 41	0 28	21 41
W 11	17 13	1n19	3 22	12 2	1 39	26 10	2 52	23 28	1 39	17 14	0 53	11 8	2 43	13 43	0 28	21 40
T 12	17 30	5 27	2 23	12 39	1 33	26 10	2 54	23 20	1 39	17 18	0 53	11 7	2 43	13 44	0 28	21 40
F 13	17 46	9 27	1 16	13 16	1 28	26 8	2 55	23 13	1 38	17 21	0 53	11 6	2 43	13 45	0 28	21 40
S 14	18 2	13 5	0 2	13 52	1 22	26 6	2 57	23 5	1 38	17 25	0 52	11 4	2 43	13 46	0 28	21 40
S 15	18 17	16 6	1s13	14 28	1 16	26 4	2 58	22 57	1 37	17 28	0 52	11 3	2 43	13 47	0 28	21 40
M 16	18 32	18 13	2 26	15 3	1 9	26 0	2 59	22 49	1 37	17 31	0 52	11 1	2 43	13 49	0 28	21 40
T 17	18 47	19 13	3 30	15 38	1 3	25 56	3 0	22 41	1 36	17 35	0 52	11 0	2 43	13 50	0 28	21 40
W 18	19 2	18 59	4 22	16 11	0 56	25 52	3 1	22 32	1 36	17 38	0 52	10 59	2 43	13 51	0 28	21 40
T 19	19 16	17 29	4 57	16 45	0 50	25 46	3 2	22 23	1 35	17 41	0 52	10 58	2 42	13 52	0 28	21 39
F 20	19 30	14 54	5 13	17 17	0 43	25 40	3 3	22 14	1 35	17 45	0 52	10 56	2 42	13 53	0 28	21 39
S 21	19 43	11 25	5 10	17 49	0 36	25 34	3 3	22 4	1 34	17 48	0 52	10 55	2 42	13 54	0 28	21 39
S 22	19 56	7 19	4 47	18 19	0 29	25 27	3 3	21 55	1 34	17 51	0 52	10 54	2 42	13 56	0 28	21 39
M 23	20 9	2 52	4 8	18 49	0 22	25 19	3 4	21 45	1 33	17 54	0 52	10 53	2 42	13 57	0 28	21 39
T 24	20 21	1s39	3 15	19 18	0 16	25 11	3 4	21 35	1 33	17 58	0 52	10 51	2 42	13 58	0 28	21 39
W 25	20 34	6 3	2 12	19 46	0 9	25 2	3 4	21 24	1 32	18 1	0 52	10 50	2 42	13 59	0 28	21 38
T 26	20 45	10 4	1 3	20 13	0 2	24 52	3 4	21 14	1 32	18 4	0 52	10 49	2 41	14 0	0 28	21 38
F 27	20 56	13 32	0n 9	20 39	0s 5	24 42	3 3	21 3	1 31	18 7	0 52	10 48	2 41	14 1	0 28	21 38
S 28	21 7	16 17	1 19	21 4	0 12	24 31	3 3	20 52	1 30	18 10	0 52	10 47	2 41	14 2	0 28	21 38
S 29	21 18	18 11	2 24	21 28	0 18	24 20	3 2	20 41	1 30	18 13	0 52	10 46	2 41	14 3	0 28	21 38
M 30	21s28	19s10	3n20	21s51	0s25	24s 8	3s 1	20s30	1s29	18s17	0n52	10n45	2s41	14s 5	0n28	21s38

Julian Day Number = 2687795.5, Delta T = 23m22s

Ecliptic obliquity = 23°21'11", Nutation = 0°00'08

Ayanamsha: Fagan/Bradley = 33°47'18", Lahiri = 32°54'18"

## ASTRODIENST EPHEMERIS for the year 2646

DECEMBER 2646

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 38 58	8°24'32	27°7'7	8°46	25°29	5°21	25°55	5°R20	9°M19	14°54	29°R14	4°R46	3°M11	5°25	25°34	T 1
W 2	4 42 54	9°25'06	9°31'7	10°21	26°31	6°6	26°8	5°B17	9°22	14°56	29°R13	4°M39	3°8	5°31	25°36	W 2
T 3	4 46 51	10°25'41	21°18	11°56	27°33	6°52	26°21	5°13	9°25	14°58	29°12	4°33	3°5	5°38	25°38	T 3
F 4	4 50 47	11°26'18	3°13	13°30	28°35	7°38	26°34	5°10	9°29	15°0	29°11	4°27	3°2	5°45	25°40	F 4
S 5	4 54 44	12°26'56	15°4	15°4	29°37	8°24	26°47	5°7	9°32	15°2	29°10	4°21	2°59	5°52	25°42	S 5
S 6	4 58 41	13°27'35	26°56	16°38	0°38	9°10	27°0	5°3	9°35	15°4	29°8	4°18	2°56	5°58	25°44	S 6
M 7	5 2 37	14°28'15	8°52	18°12	1°39	9°56	27°13	5°0	9°39	15°6	29°7	4°16	2°52	6°5	25°46	M 7
T 8	5 6 34	15°28'56	20°58	19°46	2°39	10°41	27°26	4°57	9°42	15°8	29°6	4°D16	2°49	6°12	25°48	T 8
W 9	5 10 30	16°29'38	3°Y18	21°20	3°39	11°27	27°39	4°54	9°45	15°10	29°5	4°18	2°46	6°18	25°50	W 9
T 10	5 14 27	17°30'21	15°58	22°53	4°38	12°13	27°52	4°51	9°48	15°12	29°4	4°19	2°43	6°25	25°52	T 10
F 11	5 18 23	18°31'05	29°1	24°27	5°37	13°0	28°4	4°49	9°52	15°14	29°3	4°R20	2°40	6°32	25°55	F 11
S 12	5 22 20	19°31'50	12°B31	26°0	6°36	13°46	28°17	4°46	9°55	15°16	29°2	4°20	2°37	6°39	25°57	S 12
S 13	5 26 16	20°32'36	26°28	27°34	7°34	14°32	28°30	4°43	9°58	15°19	29°1	4°18	2°33	6°45	26°0	S 13
M14	5 30 13	21°33'23	10°H50	29°7	8°32	15°18	28°43	4°41	10°1	15°21	28°59	4°14	2°30	6°52	26°2	M14
T 15	5 34 10	22°34'11	25°33	0°B41	9°29	16°4	28°55	4°38	10°4	15°23	28°58	4°7	2°27	6°59	26°5	T 15
W16	5 38 6	23°35'01	10°D29	2°14	10°25	16°50	29°8	4°36	10°7	15°25	28°57	4°0	2°24	7°6	26°7	W16
T 17	5 42 3	24°35'51	25°29	3°47	11°22	17°37	29°20	4°34	10°10	15°27	28°56	3°51	2°21	7°12	26°10	T 17
F 18	5 45 59	25°36'43	10°Q24	5°20	12°17	18°23	29°33	4°32	10°13	15°29	28°55	3°44	2°17	7°19	26°13	F 18
S 19	5 49 56	26°37'36	25°5	6°53	13°12	19°9	29°45	4°30	10°16	15°31	28°54	3°38	2°14	7°26	26°16	S 19
S 20	5 53 52	27°38'30	9°M28	8°26	14°6	19°56	29°58	4°28	10°19	15°34	28°52	3°34	2°11	7°32	26°18	S 20
M21	5 57 49	28°39'25	23°30	9°59	15°0	20°42	0°M10	4°26	10°21	15°36	28°51	3°D33	2°8	7°39	26°21	M21
T 22	6 1 45	29°40'21	7°A10	11°32	15°52	21°28	0°23	4°24	10°24	15°38	28°50	3°33	2°5	7°46	26°24	T 22
W23	6 5 42	0°B41'19	20°30	13°5	16°45	22°15	0°35	4°23	10°27	15°40	28°49	3°34	2°2	7°53	26°27	W23
T 24	6 9 39	1°42'18	3°M32	14°38	17°36	23°1	0°47	4°21	10°30	15°42	28°48	3°R34	1°58	7°59	26°30	T 24
F 25	6 13 35	2°43'17	16°20	16°10	18°27	23°48	0°59	4°20	10°32	15°45	28°47	3°33	1°55	8°6	26°33	F 25
S 26	6 17 32	3°44'18	28°55	17°42	19°17	24°34	1°11	4°19	10°35	15°47	28°45	3°30	1°52	8°13	26°36	S 26
S 27	6 21 28	4°45'20	11°M20	19°14	20°6	25°21	1°23	4°17	10°38	15°49	28°44	3°24	1°49	8°19	26°40	S 27
M28	6 25 25	5°46'23	23°36	20°46	20°54	26°7	1°35	4°16	10°40	15°51	28°43	3°15	1°46	8°26	26°43	M28
T 29	6 29 21	6°47'26	5°B45	22°17	21°42	26°54	1°47	4°15	10°43	15°53	28°42	3°4	1°43	8°33	26°46	T 29
W30	6 33 18	7°48'30	17°47	23°47	22°28	27°40	1°59	4°14	10°45	15°56	28°41	2°52	1°39	8°40	26°49	W30
T 31	6 37 15	8°49'34	29°B44	25°B16	23°A14	28°A27	2°M11	4°B14	10°M48	15°B58	28°H40	2°M38	1°M36	8°A46	26°A53	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	21s38	19s13	4n 6	22s12	0s32	23s55	3s 0	20s18	1s29	18s20	0n52	10n44	2s41	14s 6	0n28	T 1
W 2	21 47	18 22	4 41	22 33	0 38	23 42	2 59	20 6	1 28	18 23	0 52	10 43	2 40	14 7	0 28	W 2
T 3	21 56	16 42	5 2	22 52	0 44	23 29	2 58	19 54	1 27	18 26	0 52	10 42	2 40	14 8	0 28	T 3
F 4	22 4	14 20	5 10	23 10	0 51	23 15	2 57	19 42	1 27	18 29	0 52	10 41	2 40	14 9	0 28	F 4
S 5	22 12	11 24	5 5	23 27	0 57	23 1	2 55	19 29	1 26	18 32	0 52	10 40	2 40	14 10	0 28	S 5
S 6	22 20	8 0	4 47	23 43	1 3	22 46	2 53	19 17	1 26	18 35	0 52	10 39	2 40	14 11	0 28	S 6
M 7	22 27	4 15	4 16	23 58	1 8	22 30	2 51	19 4	1 25	18 38	0 52	10 38	2 39	14 12	0 28	M 7
T 8	22 34	0 18	3 33	24 11	1 14	22 15	2 49	18 51	1 24	18 41	0 52	10 38	2 39	14 13	0 28	T 8
W 9	22 40	3n46	2 40	24 24	1 20	21 58	2 47	18 37	1 24	18 43	0 52	10 37	2 39	14 14	0 28	W 9
T 10	22 46	7 46	1 38	24 35	1 25	21 42	2 44	18 24	1 23	18 46	0 52	10 36	2 39	14 15	0 29	T 10
F 11	22 52	11 32	0 29	24 44	1 30	21 25	2 42	18 10	1 22	18 49	0 52	10 35	2 38	14 16	0 29	F 11
S 12	22 57	14 50	0s44	24 52	1 35	21 7	2 39	17 56	1 22	18 52	0 52	10 35	2 38	14 17	0 29	S 12
S 13	23 1	17 24	1 57	24 59	1 40	20 49	2 36	17 42	1 21	18 55	0 52	10 34	2 38	14 18	0 29	S 13
M14	23 5	18 57	3 4	25 5	1 44	20 31	2 32	17 28	1 20	18 58	0 52	10 33	2 38	14 19	0 29	M14
T 15	23 9	19 17	4 0	25 10	1 48	20 13	2 29	17 14	1 20	19 0	0 52	10 33	2 37	14 20	0 29	T 15
W16	23 12	18 16	4 41	25 12	1 52	19 54	2 25	16 59	1 19	19 3	0 52	10 32	2 37	14 21	0 29	W16
T 17	23 15	16 0	5 3	25 14	1 56	19 34	2 21	16 45	1 18	19 6	0 52	10 32	2 37	14 22	0 29	T 17
F 18	23 17	12 41	5 4	25 14	2 0	19 15	2 17	16 30	1 18	19 8	0 52	10 31	2 37	14 23	0 29	F 18
S 19	23 19	8 37	4 45	25 13	2 3	18 55	2 13	16 15	1 17	19 11	0 52	10 31	2 36	14 23	0 29	S 19
S 20	23 20	4 9	4 9	25 11	2 6	18 35	2 8	15 59	1 16	19 14	0 52	10 31	2 36	14 24	0 29	S 20
M21	23 21	0s27	3 18	25 7	2 8	18 15	2 4	15 44	1 16	19 16	0 52	10 30	2 36	14 25	0 29	M21
T 22	23 21	4 56	2 17	25 1	2 11	17 54	1 59	15 29	1 15	19 19	0 52	10 30	2 36	14 26	0 29	T 22
W23	23 21	9 3	1 9	24 55	2 12	17 34	1 53	15 13	1 14	19 21	0 52	10 30	2 35	14 27	0 29	W23
T 24	23 21	12 39	0 0	24 46	2 14	17 13	1 48	14 57	1 13	19 24	0 52	10 29	2 35	14 28	0 29	T 24
F 25	23 20	15 35	1n 8	24 37	2 15	16 52	1 42	14 41	1 13	19 26	0 52	10 29	2 35	14 29	0 29	F 25
S 26	23 18	17 43	2 11	24 26	2 16	16 30	1 36	14 25	1 12	19 29	0 52	10 29	2 35	14 29	0 29	S 26
S 27	23 16	18 58	3 7	24 13	2 16	16 9	1 30	14 9	1 11	19 31	0 52	10 29	2 34	14 30	0 29	S 27
M28	23 14	19 19	3 54	23 59	2 16	15 48	1 23	13 52	1 10	19 34	0 52	10 29	2 34	14 31	0 29	M28
T 29	23 11	18 45	4 29	23 44	2 15	15 26	1 17	13 36	1 10	19 36	0 52	10 29	2 34	14 32	0 29	T 29
W30	23 7	17 21	4 52	23 27	2 13	15 4	1 10	13 19	1 9	19 38	0 52	10 29	2 33	14 33	0 29	W30
T 31	23s 4	15s13	5n 1	23s10	2s11	14s42	1s 2	13s 2	1s 8	19s41	0n52	10n29	2s33	14s33	0n29	T 31

Julian Day Number = 2687825.5, Delta T = 23m22s

Ecliptic obliquity = 23°21'11, Nutation = 0°00'09

Ayanamsha: Fagan/Bradley = 33°47'22, Lahiri = 32°54'22

## ASTRODIENST EPHEMERIS for the year 2647

JANUARY 2647

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	6 41 11	9°50'39	11°37	26°345	23°58	29°13	2°23	4°R13	10°50	16°0	28°R39	2°R26	1°M33	8°53	26°56	F 1
S 2	6 45 8	10°51'44	23°27	28°12	24°42	29°59	2°35	4°B12	10°53	16°3	28°II37	2°M14	1°30	9°0	27°0	S 2
S 3	6 49 4	11°52'49	5°18	29°38	25°24	0°46	2°46	4°12	10°55	16°5	28°36	2°6	1°27	9°7	27°3	S 3
M 4	6 53 1	12°53'55	17°13	1°3	26°6	1°33	2°58	4°12	10°57	16°7	28°35	2°0	1°23	9°13	27°7	M 4
T 5	6 56 57	13°55'01	29°15	2°25	26°46	2°20	3°9	4°12	10°59	16°9	28°34	1°57	1°20	9°20	27°10	T 5
W 6	7 0 54	14°56'07	11°31	3°45	27°25	3°6	3°21	4°D11	11°1	16°12	28°33	1°D56	1°17	9°27	27°14	W 6
T 7	7 4 50	15°57'13	24°4	5°3	28°2	3°53	3°32	4°11	11°4	16°14	28°32	1°56	1°14	9°33	27°17	T 7
F 8	7 8 47	16°58'18	7°0	6°17	28°39	4°40	3°43	4°12	11°6	16°16	28°31	1°R56	1°11	9°40	27°21	F 8
S 9	7 12 43	17°59'24	20°23	7°27	29°13	5°26	3°55	4°12	11°8	16°18	28°30	1°55	1°8	9°47	27°25	S 9
S 10	7 16 40	19°0'30	4°II16	8°33	29°47	6°13	4°6	4°12	11°10	16°21	28°29	1°51	1°4	9°54	27°29	S 10
M11	7 20 37	20°1'36	18°40	9°34	0°19	7°0	4°17	4°13	11°12	16°23	28°27	1°45	1°1	10°0	27°32	M11
T 12	7 24 33	21°2'42	3°30	10°29	0°49	7°46	4°28	4°13	11°13	16°25	28°26	1°36	0°58	10°7	27°36	T 12
W13	7 28 30	22°3'48	18°39	11°17	1°18	8°33	4°39	4°14	11°15	16°27	28°25	1°25	0°55	10°14	27°40	W13
T 14	7 32 26	23°4'54	3°58	11°58	1°45	9°20	4°50	4°15	11°17	16°30	28°24	1°14	0°52	10°21	27°44	T 14
F 15	7 36 23	24°6'00	19°15	12°30	2°10	10°6	5°0	4°16	11°19	16°32	28°23	1°3	0°49	10°27	27°48	F 15
S 16	7 40 19	25°7'06	4°19	12°52	2°33	10°53	5°11	4°17	11°21	16°34	28°22	0°53	0°45	10°34	27°52	S 16
S 17	7 44 16	26°8'12	19°0	13°5	2°55	11°39	5°21	4°18	11°22	16°36	28°21	0°47	0°42	10°41	27°56	S 17
M18	7 48 13	27°9'19	3°16	13°R6	3°14	12°26	5°32	4°19	11°24	16°39	28°20	0°43	0°39	10°47	28°0	M18
T 19	7 52 9	28°10'25	17°3	12°56	3°32	13°13	5°42	4°20	11°25	16°41	28°19	0°42	0°36	10°54	28°4	T 19
W20	7 56 6	29°11'32	0°M24	12°35	3°47	13°59	5°53	4°22	11°27	16°43	28°18	0°42	0°33	11°1	28°8	W20
T 21	8 0 2	0°12'39	13°22	12°1	4°1	14°46	6°3	4°23	11°28	16°45	28°17	0°41	0°29	11°8	28°12	T 21
F 22	8 3 59	1°13'46	26°2	11°16	4°12	15°33	6°13	4°25	11°30	16°48	28°16	0°40	0°26	11°14	28°16	F 22
S 23	8 7 55	2°14'53	8°26	10°21	4°21	16°19	6°23	4°27	11°31	16°50	28°15	0°36	0°23	11°21	28°20	S 23
S 24	8 11 52	3°16'00	20°39	9°16	4°28	17°6	6°33	4°29	11°32	16°52	28°14	0°29	0°20	11°28	28°24	S 24
M25	8 15 48	4°17'06	2°34	8°5	4°32	17°52	6°42	4°31	11°33	16°54	28°13	0°19	0°17	11°34	28°29	M25
T 26	8 19 45	5°18'13	14°43	6°49	4°R34	18°39	6°52	4°33	11°35	16°56	28°13	0°6	0°14	11°41	28°33	T 26
W27	8 23 42	6°19'19	26°38	5°31	4°33	19°25	7°2	4°35	11°36	16°59	28°12	29°51	0°10	11°48	28°37	W27
T 28	8 27 38	7°20'25	8°31	4°12	4°30	20°12	7°11	4°37	11°37	17°1	28°11	29°36	0°7	11°55	28°41	T 28
F 29	8 31 35	8°21'30	20°23	2°56	4°25	20°59	7°20	4°40	11°38	17°3	28°10	29°21	0°4	12°1	28°46	F 29
S 30	8 35 31	9°22'35	2°15	1°44	4°17	21°45	7°30	4°42	11°39	17°5	28°9	29°8	0°1	12°8	28°50	S 30
S 31	8 39 28	10°23'38	14°8	0°39	4°16	22°32	7°39	4°45	11°M39	17°7	28°II8	28°58	29°58	12°15	28°54	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	22s59	12s28	4n58	22s50	2s9	14s21	0s55	12s45	1s8	19s43	0n52	10n29	2s33	14s34	0n29	21s30
S 2	22 55	9 13	4 42	22 30	2 6	13 59	0 47	12 28	1 7	19 45	0 52	10 29	2 33	14 35	0 29	21 30
S 3	22 49	5 36	4 13	22 8	2 2	13 37	0 39	12 11	1 6	19 47	0 52	10 29	2 32	14 35	0 29	21 30
M 4	22 44	1 45	3 34	21 46	1 57	13 15	0 31	11 54	1 5	19 49	0 52	10 29	2 32	14 36	0 29	21 30
T 5	22 38	2n13	2 44	21 22	1 52	12 53	0 22	11 37	1 5	19 52	0 52	10 29	2 32	14 37	0 29	21 29
W 6	22 31	6 10	1 46	20 57	1 46	12 32	0 13	11 19	1 4	19 54	0 52	10 29	2 32	14 37	0 29	21 29
T 7	22 24	9 57	0 42	20 32	1 39	12 10	0 4	11 2	1 3	19 56	0 52	10 30	2 31	14 38	0 29	21 29
F 8	22 17	13 23	0s27	20 6	1 31	11 49	0n6	10 44	1 2	19 58	0 52	10 30	2 31	14 39	0 29	21 29
S 9	22 9	16 14	1 36	19 39	1 22	11 28	0 16	10 26	1 1	20 0	0 52	10 30	2 31	14 39	0 29	21 28
S 10	22 1	18 16	2 42	19 13	1 12	11 6	0 26	10 8	1 1	20 2	0 52	10 31	2 30	14 40	0 29	21 28
M11	21 52	19 13	3 40	18 46	1 1	10 45	0 36	9 50	1 0	20 4	0 52	10 31	2 30	14 40	0 29	21 28
T 12	21 43	18 53	4 25	18 20	0 49	10 25	0 47	9 32	0 59	20 6	0 52	10 32	2 30	14 41	0 29	21 28
W13	21 33	17 13	4 53	17 54	0 35	10 4	0 58	9 14	0 58	20 8	0 52	10 32	2 29	14 42	0 29	21 27
T 14	21 23	14 20	5 0	17 29	0 21	9 44	1 9	8 56	0 58	20 10	0 52	10 33	2 29	14 42	0 29	21 27
F 15	21 13	10 28	4 45	17 5	0 6	9 24	1 21	8 38	0 57	20 12	0 52	10 33	2 29	14 43	0 29	21 27
S 16	21 2	5 59	4 11	16 43	0n10	9 5	1 33	8 19	0 56	20 14	0 53	10 34	2 29	14 43	0 29	21 27
S 17	20 51	1 15	3 21	16 23	0 28	8 46	1 45	8 1	0 55	20 15	0 53	10 35	2 28	14 44	0 29	21 26
M18	20 39	3s26	2 19	16 6	0 46	8 27	1 58	7 43	0 54	20 17	0 53	10 35	2 28	14 44	0 29	21 26
T 19	20 27	7 47	1 11	15 51	1 4	8 9	2 10	7 24	0 54	20 19	0 53	10 36	2 28	14 45	0 29	21 26
W20	20 15	11 36	0 2	15 39	1 23	7 51	2 23	7 5	0 53	20 21	0 53	10 37	2 27	14 45	0 29	21 25
T 21	20 2	14 44	1n7	15 30	1 42	7 34	2 37	6 47	0 52	20 22	0 53	10 38	2 27	14 45	0 29	21 25
F 22	19 49	17 6	2 10	15 24	2 0	7 17	2 50	6 28	0 51	20 24	0 53	10 38	2 27	14 46	0 29	21 25
S 23	19 35	18 35	3 5	15 22	2 18	7 1	3 4	6 9	0 50	20 26	0 53	10 39	2 27	14 46	0 29	21 25
S 24	19 21	19 11	3 51	15 23	2 34	6 46	3 18	5 50	0 50	20 27	0 53	10 40	2 26	14 47	0 29	21 24
M25	19 7	18 54	4 26	15 27	2 49	6 31	3 32	5 32	0 49	20 29	0 53	10 41	2 26	14 47	0 29	21 24
T 26	18 52	17 46	4 49	15 34	3 2	6 17	3 47	5 13	0 48	20 30	0 53	10 42	2 26	14 47	0 29	21 24
W27	18 38	15 52	4 59	15 43	3 12	6 3	4 1	4 54	0 47	20 32	0 53	10 43	2 25	14 48	0 29	21 24
T 28	18 22	13 18	4 56	15 54	3 20	5 51	4 16	4 35	0 46	20 33	0 53	10 44	2 25	14 48	0 29	21 23
F 29	18 7	10 13	4 40	16 6	3 26	5 39	4 30	4 16	0 46	20 35	0 53	10 45	2 25	14 48	0 29	21 23
S 30	17 51	6 43	4 12	16 19	3 29	5 28	4 45	3 57	0 45	20 36	0 53	10 46	2 25	14 48	0 29	21 23
S 31	17s34	2s57	3n32	16s32	3n29	5s18	5n0	3s38	0s44	20s38	0n53	10n47	2s24	14s49	0n29	21s22

Julian Day Number = 2687856.5, Delta T = 23m22s

Ecliptic obliquity = 23°21'10, Nutation = 0°00'10

Ayanamsha: Fagan/Bradley = 33°47'26, Lahiri = 32°54'26

## ASTRODIENST EPHEMERIS for the year 2647

FEBRUARY 2647

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	8 43 24	11 <sup>22</sup> 42'42"	26 <sup>16</sup> 6	29°R41	3°R53	23 <sup>11</sup> 18	7 <sup>27</sup> 48	4 <sup>48</sup> 48	11 <sup>11</sup> 40	17 <sup>13</sup> 9	28°R 7	28°R51	29 <sup>29</sup> 54	12 <sup>22</sup> 21	28 <sup>22</sup> 59	M 1
T 2	8 47 21	12°25'44"	8 <sup>10</sup> 10	28 <sup>35</sup> 52	3 <sup>11</sup> 38	24° 5	7°57	4°50	11°41	17°11	28 <sup>11</sup> 7	28 <sup>24</sup> 46	29°51	12°28	29° 3	T 2
W 3	8 51 17	13°26'45"	20°26	28°12	3°20	24°51	8° 6	4°53	11°42	17°14	28° 6	28°45	29°48	12°35	29° 7	W 3
T 4	8 55 14	14°27'46"	2 <sup>56</sup> 56	27°41	2°59	25°37	8°14	4°56	11°42	17°16	28° 5	28°D44	29°45	12°42	29°12	T 4
F 5	8 59 11	15°28'45"	15°46	27°19	2°37	26°24	8°23	4°59	11°43	17°18	28° 4	28°R45	29°42	12°48	29°16	F 5
S 6	9 3 7	16°29'44"	29° 1	27° 6	2°12	27°10	8°31	5° 3	11°44	17°20	28° 4	28°44	29°39	12°55	29°20	S 6
S 7	9 7 4	17°30'41"	12 <sup>11</sup> 43	27°D 1	1°45	27°57	8°39	5° 6	11°44	17°22	28° 3	28°41	29°35	13° 2	29°25	S 7
M 8	9 11 0	18°31'37"	26°55	27° 4	1°16	28°43	8°48	5° 9	11°45	17°24	28° 2	28°36	29°32	13° 9	29°29	M 8
T 9	9 14 57	19°32'33"	11 <sup>23</sup> 35	27°15	0°45	29°29	8°56	5°13	11°45	17°26	28° 2	28°29	29°29	13°15	29°34	T 9
W10	9 18 53	20°33'27"	26°38	27°32	0°13	0 <sup>16</sup> 16	9° 3	5°17	11°45	17°28	28° 1	28°19	29°26	13°22	29°38	W10
T 11	9 22 50	21°34'20"	11 <sup>25</sup> 56	27°56	29 <sup>22</sup> 39	1° 2	9°11	5°20	11°46	17°30	28° 0	28° 9	29°23	13°29	29°43	T 11
F 12	9 26 46	22°35'11"	27°17	28°26	29° 4	1°48	9°19	5°24	11°46	17°32	28° 0	27°59	29°20	13°35	29°47	F 12
S 13	9 30 43	23°36'02"	12 <sup>17</sup> 30	29° 1	28°28	2°34	9°26	5°28	11°46	17°34	27°59	27°51	29°16	13°42	29°52	S 13
S 14	9 34 40	24°36'52"	27°25	29°40	27°52	3°21	9°34	5°32	11°46	17°36	27°58	27°45	29°13	13°49	29°56	S 14
M15	9 38 36	25°37'41"	11 <sup>25</sup> 55	0 <sup>22</sup> 24	27°14	4° 7	9°41	5°36	11°R46	17°37	27°58	27°41	29°10	13°56	0 <sup>11</sup> 0	M15
T 16	9 42 33	26°38'29"	25°55	1°12	26°37	4°53	9°48	5°40	11°46	17°39	27°57	27°D40	29° 7	14° 2	0° 5	T 16
W17	9 46 29	27°39'16"	9 <sup>11</sup> 26	2° 4	26° 0	5°39	9°55	5°44	11°46	17°41	27°57	27°41	29° 4	14° 9	0° 9	W17
T 18	9 50 26	28°40'03"	22°31	2°59	25°23	6°25	10° 2	5°49	11°46	17°43	27°56	27°41	29° 0	14°16	0°14	T 18
F 19	9 54 22	29°40'48"	5 <sup>21</sup> 12	3°57	24°47	7°11	10° 8	5°53	11°46	17°45	27°56	27°R41	28°57	14°22	0°18	F 19
S 20	9 58 19	0 <sup>11</sup> 41'33"	17°35	4°58	24°11	7°57	10°15	5°58	11°45	17°47	27°55	27°40	28°54	14°29	0°23	S 20
S 21	10 2 15	1°42'17"	29°44	6° 1	23°37	8°43	10°21	6° 2	11°45	17°48	27°55	27°36	28°51	14°36	0°27	S 21
M22	10 6 12	2°43'00"	11 <sup>23</sup> 44	7° 7	23° 4	9°29	10°27	6° 7	11°45	17°50	27°54	27°29	28°48	14°43	0°32	M22
T 23	10 10 9	3°43'41"	23°38	8°15	22°32	10°15	10°33	6°12	11°44	17°52	27°54	27°21	28°45	14°49	0°36	T 23
W24	10 14 5	4°44'21"	5 <sup>22</sup> 30	9°25	22° 2	11° 1	10°39	6°16	11°44	17°54	27°54	27°11	28°41	14°56	0°41	W24
T 25	10 18 2	5°45'00"	17°21	10°37	21°34	11°47	10°45	6°21	11°43	17°55	27°53	27° 0	28°38	15° 3	0°45	T 25
F 26	10 21 58	6°45'38"	29°14	11°51	21° 8	12°33	10°51	6°26	11°43	17°57	27°53	26°50	28°35	15° 9	0°50	F 26
S 27	10 25 55	7°46'15"	11 <sup>11</sup> 10	13° 7	20°44	13°18	10°56	6°31	11°42	17°59	27°53	26°41	28°32	15°16	0°54	S 27
S 28	10 29 51	8 <sup>11</sup> 46'49"	23 <sup>11</sup> 10	14 <sup>22</sup> 24	20 <sup>22</sup> 22	14 <sup>19</sup> 4	11 <sup>21</sup> 1	6 <sup>11</sup> 37	11 <sup>11</sup> 42	18 <sup>13</sup> 0	27 <sup>11</sup> 52	26 <sup>11</sup> 34	28 <sup>11</sup> 29	15 <sup>22</sup> 23	0 <sup>11</sup> 59	S 28

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	17s18	0n57	2n44	16s46	3n27	5s 9	5n15	3s19	0s43	20s39	0n53	10n49	2s24	14s49	0n29	21s22
T 2	17 1	4 52	1 47	16 59	3 23	5 1	5 29	3 0	0 42	20 40	0 54	10 50	2 24	14 49	0 29	21 22
W 3	16 44	8 38	0 44	17 13	3 18	4 54	5 44	2 41	0 42	20 42	0 54	10 51	2 24	14 49	0 29	21 22
T 4	16 26	12 6	0s22	17 26	3 11	4 48	5 58	2 21	0 41	20 43	0 54	10 52	2 23	14 50	0 29	21 21
F 5	16 8	15 5	1 29	17 38	3 3	4 43	6 12	2 2	0 40	20 44	0 54	10 53	2 23	14 50	0 29	21 21
S 6	15 50	17 22	2 33	17 49	2 54	4 39	6 25	1 43	0 39	20 46	0 54	10 55	2 23	14 50	0 29	21 21
S 7	15 32	18 45	3 31	18 0	2 44	4 36	6 38	1 24	0 38	20 47	0 54	10 56	2 22	14 50	0 29	21 21
M 8	15 13	19 1	4 18	18 9	2 34	4 34	6 51	1 5	0 38	20 48	0 54	10 58	2 22	14 50	0 29	21 20
T 9	14 54	18 3	4 50	18 18	2 23	4 33	7 3	0 46	0 37	20 49	0 54	10 59	2 22	14 50	0 29	21 20
W10	14 35	15 48	5 2	18 26	2 12	4 34	7 15	0 27	0 36	20 50	0 54	11 0	2 22	14 50	0 29	21 20
T 11	14 16	12 27	4 54	18 32	2 0	4 35	7 26	0 8	0 35	20 51	0 54	11 2	2 21	14 50	0 29	21 20
F 12	13 56	8 14	4 24	18 37	1 49	4 37	7 36	0n11	0 34	20 52	0 54	11 3	2 21	14 50	0 30	21 19
S 13	13 36	3 31	3 36	18 41	1 38	4 41	7 45	0 30	0 34	20 53	0 54	11 5	2 21	14 50	0 30	21 19
S 14	13 16	1s20	2 34	18 44	1 26	4 45	7 54	0 49	0 33	20 54	0 54	11 6	2 21	14 50	0 30	21 19
M15	12 56	5 58	1 23	18 46	1 15	4 50	8 1	1 8	0 32	20 55	0 55	11 8	2 20	14 50	0 30	21 19
T 16	12 35	10 7	0 9	18 47	1 4	4 56	8 8	1 27	0 31	20 56	0 55	11 10	2 20	14 50	0 30	21 18
W17	12 15	13 36	1n 2	18 46	0 53	5 3	8 14	1 46	0 30	20 57	0 55	11 11	2 20	14 50	0 30	21 18
T 18	11 54	16 15	2 9	18 44	0 43	5 10	8 19	2 5	0 30	20 58	0 55	11 13	2 20	14 50	0 30	21 18
F 19	11 33	18 2	3 7	18 41	0 32	5 18	8 23	2 24	0 29	20 59	0 55	11 15	2 19	14 50	0 30	21 18
S 20	11 11	18 53	3 54	18 36	0 22	5 27	8 26	2 43	0 28	21 0	0 55	11 16	2 19	14 50	0 30	21 17
S 21	10 50	18 51	4 30	18 30	0 12	5 36	8 28	3 2	0 27	21 1	0 55	11 18	2 19	14 50	0 30	21 17
M22	10 28	17 57	4 54	18 23	0 2	5 45	8 29	3 20	0 26	21 1	0 55	11 20	2 19	14 50	0 30	21 17
T 23	10 6	16 17	5 5	18 15	0s 7	5 55	8 29	3 39	0 26	21 2	0 55	11 21	2 18	14 50	0 30	21 17
W24	9 44	13 56	5 2	18 5	0 16	6 5	8 28	3 58	0 25	21 3	0 55	11 23	2 18	14 50	0 30	21 16
T 25	9 22	11 1	4 47	17 55	0 25	6 15	8 27	4 16	0 24	21 4	0 55	11 25	2 18	14 49	0 30	21 16
F 26	9 0	7 39	4 19	17 43	0 33	6 26	8 24	4 35	0 23	21 4	0 56	11 27	2 18	14 49	0 30	21 16
S 27	8 37	3 58	3 39	17 29	0 42	6 36	8 21	4 53	0 22	21 5	0 56	11 29	2 18	14 49	0 30	21 16
S 28	8s15	0s 6	2n50	17s15	0s50	6s46	8n17	5n12	0s22	21s 6	0n56	11n31	2s17	14s49	0n30	21s15

Julian Day Number = 2687887.5, Delta T = 23m23s

Ecliptic obliquity = 23°21'11", Nutation = 0°00'10"

Ayanamsha: Fagan/Bradley = 33°47'31", Lahiri = 32°54'31"

## ASTRODIENST EPHEMERIS for the year 2647

MARCH 2647

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	10 33 48	9°47'23	5°17	15°42	20°R 2	14°50	11°7 6	6°42	11°R41	18°3 2	27°R52	26°R29	28°26	15°30	1°3 3	M 1
T 2	10 37 44	10°47'55	17°31	17° 2	19°45	15°36	11°11	6°47	11°40	18° 3	27°II52	26°26	28°22	15°36	1° 7	T 2
W 3	10 41 41	11°48'25	29°55	18°23	19°30	16°21	11°16	6°52	11°39	18° 5	27°52	26°D26	28°19	15°43	1°12	W 3
T 4	10 45 37	12°48'53	12°33	19°46	19°18	17° 7	11°21	6°58	11°38	18° 6	27°51	26°27	28°16	15°50	1°16	T 4
F 5	10 49 34	13°49'20	25°26	21° 9	19° 8	17°53	11°25	7° 3	11°37	18° 8	27°51	26°28	28°13	15°56	1°21	F 5
S 6	10 53 31	14°49'45	8°II39	22°34	19° 0	18°38	11°29	7° 9	11°36	18° 9	27°51	26°R30	28°10	16° 3	1°25	S 6
S 7	10 57 27	15°50'07	22°14	24° 0	18°55	19°24	11°33	7°15	11°35	18°11	27°51	26°30	28° 6	16°10	1°29	S 7
M 8	11 1 24	16°50'29	6°213	25°28	18°53	20° 9	11°37	7°20	11°34	18°12	27°51	26°28	28° 3	16°17	1°34	M 8
T 9	11 5 20	17°50'48	20°35	26°56	18°D53	20°55	11°41	7°26	11°33	18°13	27°51	26°25	28° 0	16°23	1°38	T 9
W10	11 9 17	18°51'05	5°219	28°26	18°55	21°40	11°45	7°32	11°32	18°15	27°51	26°20	27°57	16°30	1°42	W10
T 11	11 13 13	19°51'20	20°17	29°56	19° 0	22°25	11°48	7°38	11°31	18°16	27°51	26°14	27°54	16°37	1°47	T 11
F 12	11 17 10	20°51'33	5°223	1°28	19° 7	23°11	11°51	7°44	11°30	18°17	27°51	26° 9	27°51	16°43	1°51	F 12
S 13	11 21 6	21°51'44	20°26	3° 1	19°16	23°56	11°54	7°50	11°28	18°19	27°D51	26° 4	27°47	16°50	1°55	S 13
S 14	11 25 3	22°51'54	5°218	4°35	19°27	24°41	11°57	7°56	11°27	18°20	27°51	26° 1	27°44	16°57	1°59	S 14
M15	11 29 0	23°52'02	19°50	6°10	19°41	25°26	12° 0	8° 2	11°25	18°21	27°51	26°D 0	27°41	17° 4	2° 4	M15
T 16	11 32 56	24°52'08	3°256	7°46	19°56	26°11	12° 2	8° 8	11°24	18°22	27°51	26° 0	27°38	17°10	2° 8	T 16
W17	11 36 53	25°52'13	17°36	9°23	20°14	26°57	12° 5	8°15	11°22	18°23	27°51	26° 1	27°35	17°17	2°12	W17
T 18	11 40 49	26°52'16	0°249	11° 1	20°33	27°42	12° 7	8°21	11°21	18°25	27°51	26° 3	27°31	17°24	2°16	T 18
F 19	11 44 46	27°52'18	13°38	12°41	20°55	28°27	12° 9	8°27	11°19	18°26	27°51	26° 4	27°28	17°30	2°20	F 19
S 20	11 48 42	28°52'18	26° 6	14°21	21°18	29°12	12°11	8°34	11°18	18°27	27°51	26°R 5	27°25	17°37	2°25	S 20
S 21	11 52 39	29°52'17	8°318	16° 3	21°43	29°57	12°12	8°40	11°16	18°28	27°51	26° 5	27°22	17°44	2°29	S 21
M22	11 56 35	0°52'14	20°19	17°45	22°10	0°241	12°14	8°47	11°14	18°29	27°52	26° 3	27°19	17°51	2°33	M22
T 23	12 0 32	1°52'09	2°213	19°29	22°38	1°26	12°15	8°53	11°13	18°30	27°52	26° 1	27°16	17°57	2°37	T 23
W24	12 4 29	2°52'02	14° 3	21°14	23° 8	2°11	12°16	9° 0	11°11	18°31	27°52	25°57	27°12	18° 4	2°41	W24
T 25	12 8 25	3°51'54	25°55	23° 0	23°40	2°56	12°17	9° 7	11° 9	18°31	27°52	25°53	27° 9	18°11	2°45	T 25
F 26	12 12 22	4°51'44	7°250	24°48	24°13	3°41	12°17	9°13	11° 7	18°32	27°53	25°50	27° 6	18°17	2°49	F 26
S 27	12 16 18	5°51'33	19°52	26°36	24°47	4°25	12°18	9°20	11° 5	18°33	27°53	25°46	27° 3	18°24	2°53	S 27
S 28	12 20 15	6°51'19	2°21	28°26	25°23	5°10	12°18	9°27	11° 3	18°34	27°53	25°44	27° 0	18°31	2°56	S 28
M29	12 24 11	7°51'04	14°21	0°17	25°59	5°54	12°R18	9°34	11° 1	18°35	27°53	25°43	26°57	18°38	3° 0	M29
T 30	12 28 8	8°50'46	26°51	2° 9	26°37	6°39	12°18	9°41	10°59	18°36	27°54	25°D42	26°53	18°44	3° 4	T 30
W31	12 32 4	9°50'27	9°33	4°3	27°17	7°24	12°18	9°48	10°57	18°36	27°II54	25°43	26°50	18°51	3°8	W31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	7s52	3n48	1n52	16s59	0s57	6s57	8n12	5n30	0s21	21s 6	0n56	11n33	2s17	14s49	0n30	M 1
T 2	7 29	7 36	0 48	16 42	1 4	7 7	8 7	5 48	0 20	21 7	0 56	11 34	2 17	14 48	0 30	T 2
W 3	7 7	11 7	0s19	16 24	1 11	7 17	8 1	6 7	0 19	21 7	0 56	11 36	2 17	14 48	0 30	W 3
T 4	6 44	14 11	1 26	16 4	1 18	7 27	7 55	6 25	0 19	21 8	0 56	11 38	2 16	14 48	0 30	T 4
F 5	6 20	16 37	2 31	15 43	1 24	7 36	7 48	6 43	0 18	21 8	0 56	11 40	2 16	14 48	0 30	F 5
S 6	5 57	18 14	3 29	15 21	1 30	7 46	7 41	7 1	0 17	21 9	0 56	11 42	2 16	14 47	0 30	S 6
S 7	5 34	18 51	4 17	14 58	1 35	7 55	7 33	7 19	0 16	21 9	0 56	11 44	2 16	14 47	0 30	S 7
M 8	5 11	18 21	4 52	14 34	1 41	8 3	7 25	7 37	0 15	21 10	0 57	11 46	2 16	14 47	0 30	M 8
T 9	4 47	16 41	5 9	14 9	1 46	8 11	7 16	7 54	0 15	21 10	0 57	11 48	2 15	14 46	0 30	T 9
W10	4 24	13 54	5 7	13 42	1 50	8 19	7 8	8 12	0 14	21 11	0 57	11 50	2 15	14 46	0 30	W10
T 11	4 0	10 11	4 44	13 14	1 54	8 26	6 59	8 30	0 13	21 11	0 57	11 53	2 15	14 45	0 30	T 11
F 12	3 37	5 46	4 1	12 45	1 58	8 33	6 49	8 47	0 12	21 11	0 57	11 55	2 15	14 45	0 30	F 12
S 13	3 13	0 59	3 2	12 15	2 1	8 39	6 40	9 4	0 12	21 12	0 57	11 57	2 15	14 45	0 30	S 13
S 14	2 49	3s48	1 51	11 43	2 4	8 44	6 31	9 22	0 11	21 12	0 57	11 59	2 14	14 44	0 30	S 14
M15	2 26	8 15	0 34	11 11	2 7	8 50	6 21	9 39	0 10	21 12	0 57	12 1	2 14	14 44	0 30	M15
T 16	2 2	12 6	0n43	10 37	2 9	8 54	6 11	9 56	0 9	21 12	0 57	12 3	2 14	14 43	0 30	T 16
W17	1 38	15 10	1 56	10 3	2 11	8 58	6 1	10 13	0 9	21 13	0 57	12 5	2 14	14 43	0 30	W17
T 18	1 14	17 19	2 59	9 27	2 12	9 1	5 51	10 30	0 8	21 13	0 58	12 7	2 14	14 42	0 30	T 18
F 19	0 51	18 31	3 52	8 50	2 13	9 4	5 41	10 46	0 7	21 13	0 58	12 10	2 14	14 42	0 30	F 19
S 20	0 27	18 46	4 32	8 12	2 14	9 6	5 32	11 3	0 6	21 13	0 58	12 12	2 13	14 41	0 30	S 20
S 21	0 3	18 7	4 59	7 33	2 14	9 8	5 22	11 19	0 6	21 13	0 58	12 14	2 13	14 41	0 30	S 21
M22	0n21	16 40	5 12	6 52	2 13	9 9	5 12	11 36	0 5	21 13	0 58	12 16	2 13	14 40	0 30	M22
T 23	0 44	14 31	5 12	6 11	2 13	9 10	5 2	11 52	0 4	21 13	0 58	12 18	2 13	14 40	0 30	T 23
W24	1 8	11 47	4 59	5 29	2 11	9 9	4 52	12 8	0 3	21 13	0 58	12 21	2 13	14 39	0 30	W24
T 25	1 32	8 34	4 32	4 45	2 10	9 9	4 42	12 24	0 3	21 13	0 58	12 23	2 13	14 39	0 30	T 25
F 26	1 56	4 59	3 54	4 1	2 8	9 7	4 32	12 40	0 2	21 13	0 58	12 25	2 13	14 38	0 30	F 26
S 27	2 19	1 10	3 5	3 15	2 5	9 5	4 22	12 56	0 1	21 13	0 58	12 27	2 12	14 37	0 30	S 27
S 28	2 43	2n45	2 7	2 29	2 2	9 3	4 13	13 11	0 1	21 13	0 59	12 30	2 12	14 37	0 30	S 28
M29	3 6	6 36	1 2	1 42	1 58	9 0	4 3	13 27	0n 0	21 13	0 59	12 32	2 12	14 36	0 30	M29
T 30	3 30	10 13	0s 6	0 53	1 54	8 56	3 53	13 42	0 1	21 13	0 59	12 34	2 12	14 35	0 30	T 30
W31	3n53	13n25	1s16	0s 4	1s49	8s52	3n44	13n57	0n 2	21s13	0n59	12n37	2s12	14s35	0n30	W31

Julian Day Number = 2687915.5, Delta T = 23m23s

Ecliptic obliquity = 23°21'11, Nutation = 0°00'09

Ayanamsha: Fagan/Bradley = 33°47'34, Lahiri = 32°54'34

## ASTRODIENST EPHEMERIS for the year 2647

APRIL 2647

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 36 1	10°50'05	22°28'	5°57'	27°57'	8°8'	12°R17	9°55'	10°R55	18°37'	27°II55	25°44'	26°47'	18°58'	3°12'	T 1
F 2	12 39 57	11°49'42	5°II37	7°53'	28°39'	8°52'	12°17'	10° 2'	10°M53	18°38'	27°55'	25°45'	26°44'	19° 4'	3°15'	F 2
S 3	12 43 54	12°49'16	19° 0'	9°50'	29°21'	9°37'	12°16'	10° 9'	10°51'	18°38'	27°56'	25°46'	26°41'	19°11'	3°19'	S 3
S 4	12 47 51	13°48'48	2°39'	11°48'	0°48'	10°21'	12°15'	10°16'	10°49'	18°39'	27°56'	25°47'	26°37'	19°18'	3°23'	S 4
M 5	12 51 47	14°48'17	16°34'	13°47'	0°49'	11° 5'	12°14'	10°23'	10°46'	18°39'	27°57'	25°R47	26°34'	19°25'	3°26'	M 5
T 6	12 55 44	15°47'44	0°45'	15°48'	1°34'	11°50'	12°12'	10°30'	10°44'	18°40'	27°57'	25°47'	26°31'	19°31'	3°30'	T 6
W 7	12 59 40	16°47'09	15° 8'	17°49'	2°21'	12°34'	12°11'	10°37'	10°42'	18°40'	27°58'	25°46'	26°28'	19°38'	3°34'	W 7
T 8	13 3 37	17°46'32	29°42'	19°50'	3° 8'	13°18'	12° 9'	10°44'	10°40'	18°41'	27°58'	25°45'	26°25'	19°45'	3°37'	T 8
F 9	13 7 33	18°45'52	14°21'	21°53'	3°56'	14° 2'	12° 7'	10°52'	10°37'	18°41'	27°59'	25°44'	26°22'	19°51'	3°41'	F 9
S 10	13 11 30	19°45'10	28°59'	23°56'	4°45'	14°46'	12° 5'	10°59'	10°35'	18°41'	27°59'	25°43'	26°18'	19°58'	3°44'	S 10
S 11	13 15 26	20°44'26	13°30'	25°59'	5°34'	15°30'	12° 2'	11° 6'	10°33'	18°42'	28° 0'	25°43'	26°15'	20° 5'	3°47'	S 11
M12	13 19 23	21°43'40	27°47'	28° 2'	6°24'	16°14'	12° 0'	11°14'	10°30'	18°42'	28° 1'	25°D43	26°12'	20°12'	3°51'	M12
T 13	13 23 20	22°42'52	11°47'	0° 5'	7°15'	16°58'	11°57'	11°21'	10°28'	18°42'	28° 1'	25°43'	26° 9'	20°18'	3°54'	T 13
W14	13 27 16	23°42'03	25°25'	2° 8'	8° 7'	17°42'	11°54'	11°28'	10°26'	18°43'	28° 2'	25°43'	26° 6'	20°25'	3°57'	W14
T 15	13 31 13	24°41'11	8°40'	4°10'	8°59'	18°25'	11°51'	11°36'	10°23'	18°43'	28° 3'	25°44'	26° 3'	20°32'	4° 0'	T 15
F 16	13 35 9	25°40'18	21°33'	6°10'	9°52'	19° 9'	11°48'	11°43'	10°21'	18°43'	28° 3'	25°R44	25°59'	20°38'	4° 4'	F 16
S 17	13 39 6	26°39'22	4° 6'	8°10'	10°46'	19°53'	11°45'	11°51'	10°18'	18°43'	28° 4'	25°44'	25°56'	20°45'	4° 7'	S 17
S 18	13 43 2	27°38'26	16°22'	10° 7'	11°40'	20°36'	11°41'	11°58'	10°16'	18°43'	28° 5'	25°43'	25°53'	20°52'	4°10'	S 18
M19	13 46 59	28°37'27	28°25'	12° 2'	12°35'	21°20'	11°37'	12° 6'	10°13'	18°43'	28° 6'	25°D43	25°50'	20°59'	4°13'	M19
T 20	13 50 55	29°36'26	10°21'	13°55'	13°30'	22° 3'	11°33'	12°13'	10°11'	18°43'	28° 6'	25°43'	25°47'	21° 5'	4°16'	T 20
W21	13 54 52	0°35'24	22°12'	15°44'	14°26'	22°47'	11°29'	12°21'	10° 8'	18°R43	28° 7'	25°44'	25°43'	21°12'	4°19'	W21
T 22	13 58 49	1°34'20	4° 5'	17°31'	15°22'	23°30'	11°25'	12°28'	10° 6'	18°43'	28° 8'	25°44'	25°40'	21°19'	4°22'	T 22
F 23	14 2 45	2°33'15	16° 3'	19°13'	16°19'	24°14'	11°21'	12°36'	10° 3'	18°43'	28° 9'	25°45'	25°37'	21°25'	4°24'	F 23
S 24	14 6 42	3°32'07	28°10'	20°52'	17°16'	24°57'	11°16'	12°43'	10° 1'	18°43'	28°10'	25°46'	25°34'	21°32'	4°27'	S 24
S 25	14 10 38	4°30'58	10°28'	22°27'	18°13'	25°40'	11°12'	12°51'	9°58'	18°43'	28°11'	25°46'	25°31'	21°39'	4°30'	S 25
M26	14 14 35	5°29'47	23° 1'	23°57'	19°11'	26°24'	11° 7'	12°58'	9°56'	18°43'	28°12'	25°R47	25°28'	21°45'	4°33'	M26
T 27	14 18 31	6°28'34	5°49'	25°23'	20°10'	27° 7'	11° 2'	13° 6'	9°53'	18°43'	28°12'	25°47'	25°24'	21°52'	4°35'	T 27
W28	14 22 28	7°27'19	18°53'	26°44'	21° 9'	27°50'	10°57'	13°14'	9°50'	18°43'	28°13'	25°46'	25°21'	21°59'	4°38'	W28
T 29	14 26 24	8°26'02	2°12'	28° 0'	22° 8'	28°33'	10°51'	13°21'	9°48'	18°42'	28°14'	25°45'	25°18'	22° 6'	4°40'	T 29
F 30	14 30 21	9°24'43	15°45'	29°11'	23°18'	29°16'	10°46'	13°29'	9°44'	18°42'	28°15'	25°43'	25°15'	22°12'	4°43'	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	4n16	16n 1	2s23	0n46	1s44	8s47	3n35	14n12	0n 2	21s13	0n59	12n39	2s12	14s34	0n30	21s10
F 2	4 40	17 50	3 23	1 37	1 38	8 41	3 25	14 27	0 3	21 13	0 59	12 41	2 12	14 34	0 30	21 10
S 3	5 3	18 41	4 14	2 28	1 32	8 35	3 16	14 42	0 4	21 12	0 59	12 44	2 11	14 33	0 30	21 10
S 4	5 26	18 28	4 51	3 20	1 26	8 29	3 7	14 56	0 4	21 12	0 59	12 46	2 11	14 32	0 30	21 10
M 5	5 49	17 9	5 13	4 13	1 18	8 22	2 58	15 11	0 5	21 12	0 59	12 48	2 11	14 31	0 30	21 10
T 6	6 12	14 47	5 16	5 6	1 11	8 14	2 49	15 25	0 6	21 12	0 59	12 50	2 11	14 31	0 30	21 9
W 7	6 34	11 28	4 59	6 0	1 2	8 6	2 41	15 39	0 6	21 11	0 59	12 53	2 11	14 30	0 30	21 9
T 8	6 57	7 26	4 23	6 54	0 54	7 57	2 32	15 53	0 7	21 11	0 59	12 55	2 11	14 29	0 30	21 9
F 9	7 20	2 55	3 30	7 48	0 44	7 48	2 23	16 7	0 8	21 11	1 0	12 57	2 11	14 29	0 30	21 9
S 10	7 42	1s47	2 23	8 43	0 35	7 38	2 15	16 21	0 8	21 10	1 0	13 0	2 11	14 28	0 30	21 9
S 11	8 4	6 21	1 7	9 37	0 25	7 28	2 7	16 34	0 9	21 10	1 0	13 2	2 11	14 27	0 30	21 9
M12	8 26	10 28	0n11	10 31	0 14	7 17	1 59	16 47	0 10	21 10	1 0	13 4	2 10	14 26	0 30	21 9
T 13	8 48	13 55	1 28	11 24	0 4	7 6	1 51	17 1	0 10	21 9	1 0	13 7	2 10	14 26	0 30	21 9
W14	9 10	16 30	2 37	12 17	0n 7	6 54	1 43	17 13	0 11	21 9	1 0	13 9	2 10	14 25	0 30	21 9
T 15	9 32	18 6	3 36	13 9	0 18	6 42	1 35	17 26	0 12	21 8	1 0	13 11	2 10	14 24	0 30	21 9
F 16	9 53	18 43	4 23	14 0	0 30	6 29	1 27	17 39	0 12	21 8	1 0	13 14	2 10	14 23	0 30	21 9
S 17	10 15	18 22	4 55	14 50	0 41	6 16	1 20	17 51	0 13	21 7	1 0	13 16	2 10	14 23	0 30	21 9
S 18	10 36	17 10	5 13	15 38	0 52	6 3	1 12	18 4	0 14	21 7	1 0	13 18	2 10	14 22	0 30	21 9
M19	10 57	15 13	5 17	16 24	1 4	5 49	1 5	18 16	0 14	21 6	1 0	13 21	2 10	14 21	0 30	21 9
T 20	11 18	12 39	5 7	17 9	1 15	5 34	0 58	18 27	0 15	21 6	1 0	13 23	2 10	14 20	0 30	21 9
W21	11 38	9 34	4 44	17 51	1 26	5 19	0 51	18 39	0 16	21 5	1 0	13 25	2 10	14 20	0 30	21 9
T 22	11 59	6 6	4 9	18 32	1 36	5 4	0 44	18 51	0 16	21 4	1 0	13 28	2 10	14 19	0 30	21 9
F 23	12 19	2 22	3 23	19 10	1 46	4 49	0 37	19 2	0 17	21 4	1 0	13 30	2 10	14 18	0 30	21 9
S 24	12 39	1n31	2 27	19 46	1 55	4 32	0 31	19 13	0 18	21 3	1 0	13 32	2 10	14 17	0 30	21 9
S 25	12 59	5 25	1 24	20 19	2 4	4 16	0 24	19 24	0 18	21 2	1 1	13 35	2 10	14 16	0 30	21 9
M26	13 18	9 9	0 15	20 50	2 12	3 59	0 18	19 35	0 19	21 2	1 1	13 37	2 9	14 16	0 30	21 9
T 27	13 38	12 33	0s55	21 18	2 20	3 42	0 12	19 45	0 19	21 1	1 1	13 39	2 9	14 15	0 30	21 9
W28	13 57	15 23	2 5	21 44	2 26	3 25	0 6	19 56	0 20	21 0	1 1	13 42	2 9	14 14	0 30	21 9
T 29	14 16	17 27	3 8	22 7	2 32	3 7	0s 0	20 6	0 21	20 59	1 1	13 44	2 9	14 13	0 30	21 9
F 30	14n35	18n35	4s 2	22n27	2n37	2s49	0s 6	20n16	0n21	20s59	1n 1	13n46	2s 9	14s12	0n30	21s 9

Julian Day Number = 2687946.5, Delta T = 23m23s

Ecliptic obliquity = 23°21'11", Nutation = 0°00'07"

Ayanamsha: Fagan/Bradley = 33°47'39", Lahiri = 32°54'39"

## ASTRODIENST EPHEMERIS for the year 2647

MAY 2647

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 34 17	10 <sup>8</sup> 23'22	29 <sup>II</sup> 30	0 <sup>II</sup> 16	24 <sup>II</sup> 8	29 <sup>II</sup> 59	10°R40	13 <sup>II</sup> 36	9°R43	18°R42	28 <sup>II</sup> 16	25°R41	25 <sup>II</sup> 12	22 <sup>II</sup> 19	4 <sup>II</sup> 45	S 1
S 2	14 38 14	11°21'59	13 <sup>II</sup> 26	1°16	25° 8	0 <sup>II</sup> 42	10 <sup>II</sup> 34	13°44	9 <sup>II</sup> 40	18 <sup>II</sup> 41	28°17	25 <sup>II</sup> 39	25° 8	22°26	4°48	S 2
M 3	14 42 11	12°20'34	27°29	2°11	26° 8	1°25	10°29	13°52	9°38	18°41	28°18	25°38	25° 5	22°32	4°50	M 3
T 4	14 46 7	13°19'07	11 <sup>II</sup> 39	3° 1	27° 9	2° 8	10°23	13°59	9°35	18°41	28°19	25°D38	25° 2	22°39	4°52	T 4
W 5	14 50 4	14°17'37	25°52	3°44	28°11	2°51	10°17	14° 7	9°32	18°40	28°20	25°38	24°59	22°46	4°54	W 5
T 6	14 54 0	15°16'05	10 <sup>II</sup> 6	4°22	29°12	3°34	10°10	14°15	9°30	18°40	28°21	25°39	24°56	22°53	4°57	T 6
F 7	14 57 57	16°14'32	24°20	4°55	0 <sup>II</sup> 14	4°16	10° 4	14°22	9°27	18°39	28°22	25°40	24°53	22°59	4°59	F 7
S 8	15 1 53	17°12'56	8 <sup>II</sup> 29	5°21	1°16	4°59	9°58	14°30	9°25	18°39	28°24	25°41	24°49	23° 6	5° 1	S 8
S 9	15 5 50	18°11'17	22°32	5°42	2°19	5°42	9°51	14°37	9°22	18°38	28°25	25°R42	24°46	23°13	5° 3	S 9
M10	15 9 46	19° 9'38	6 <sup>II</sup> 25	5°57	3°21	6°24	9°44	14°45	9°20	18°37	28°26	25°42	24°43	23°19	5° 5	M10
T 11	15 13 43	20° 7'56	20° 5	6° 7	4°24	7° 7	9°38	14°53	9°17	18°37	28°27	25°40	24°40	23°26	5° 7	T 11
W12	15 17 40	21° 6'12	3 <sup>II</sup> 29	6°R11	5°27	7°49	9°31	15° 0	9°15	18°36	28°28	25°37	24°37	23°33	5° 8	W12
T 13	15 21 36	22° 4'27	16°36	6°10	6°31	8°32	9°24	15° 8	9°12	18°35	28°29	25°34	24°34	23°39	5°10	T 13
F 14	15 25 33	23° 2'41	29°25	6° 4	7°34	9°14	9°17	15°16	9°10	18°35	28°30	25°29	24°30	23°46	5°12	F 14
S 15	15 29 29	24° 0'52	11 <sup>II</sup> 57	5°52	8°38	9°56	9°10	15°23	9° 7	18°34	28°31	25°25	24°27	23°53	5°13	S 15
S 16	15 33 26	24°59'03	24°14	5°36	9°42	10°39	9° 3	15°31	9° 5	18°33	28°33	25°21	24°24	24° 0	5°15	S 16
M17	15 37 22	25°57'11	6 <sup>II</sup> 18	5°16	10°47	11°21	8°56	15°38	9° 2	18°32	28°34	25°18	24°21	24° 6	5°17	M17
T 18	15 41 19	26°55'19	18°14	4°52	11°51	12° 3	8°48	15°46	9° 0	18°32	28°35	25°16	24°18	24°13	5°18	T 18
W19	15 45 15	27°53'25	0 <sup>II</sup> 6	4°25	12°56	12°45	8°41	15°53	8°58	18°31	28°36	25°D16	24°14	24°20	5°19	W19
T 20	15 49 12	28°51'29	11°59	3°54	14° 1	13°27	8°34	16° 1	8°55	18°30	28°38	25°17	24°11	24°26	5°21	T 20
F 21	15 53 9	29°49'33	23°58	3°22	15° 6	14° 9	8°26	16° 8	8°53	18°29	28°39	25°18	24° 8	24°33	5°22	F 21
S 22	15 57 5	0 <sup>II</sup> 47'34	6°Y 7	2°47	16°11	14°51	8°19	16°16	8°51	18°28	28°40	25°20	24° 5	24°40	5°23	S 22
S 23	16 1 2	1°45'35	18°31	2°12	17°17	15°33	8°11	16°23	8°48	18°27	28°41	25°21	24° 2	24°47	5°24	S 23
M24	16 4 58	2°43'34	1 <sup>II</sup> 14	1°36	18°22	16°15	8° 4	16°31	8°46	18°26	28°43	25°R21	23°59	24°53	5°25	M24
T 25	16 8 55	3°41'32	14°16	1° 0	19°28	16°57	7°56	16°38	8°44	18°25	28°44	25°19	23°55	25° 0	5°26	T 25
W26	16 12 51	4°39'28	27°40	0°25	20°34	17°39	7°48	16°46	8°42	18°24	28°45	25°16	23°52	25° 7	5°27	W26
T 27	16 16 48	5°37'24	11 <sup>II</sup> 23	29 <sup>II</sup> 51	21°40	18°21	7°41	16°53	8°39	18°23	28°46	25°11	23°49	25°13	5°28	T 27
F 28	16 20 44	6°35'17	25°24	29°20	22°46	19° 3	7°33	17° 0	8°37	18°22	28°48	25° 5	23°46	25°20	5°29	F 28
S 29	16 24 41	7°33'09	9 <sup>II</sup> 37	28°51	23°53	19°44	7°25	17° 8	8°35	18°21	28°49	24°58	23°43	25°27	5°30	S 29
S 30	16 28 38	8°31'00	23°57	28°24	24°59	20°26	7°18	17°15	8°33	18°20	28°50	24°52	23°40	25°33	5°31	S 30
M31	16 32 34	9 <sup>II</sup> 28'49	8 <sup>II</sup> 20	28 <sup>II</sup> 8	26°Y 6	21°II 8	7°10	17 <sup>II</sup> 22	8 <sup>II</sup> 31	18 <sup>II</sup> 19	28 <sup>II</sup> 52	24 <sup>II</sup> 47	23 <sup>II</sup> 36	25 <sup>II</sup> 40	5 <sup>II</sup> 31	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
S 1	14n53	18n38	4s44	22n45	2n41	2s30	0s12	20n26	0n22	20s58	1n 1	13n49	2s 9	14s12	0n30	21s 9
S 2	15 11	17 34	5 9	23 1	2 44	2 12	0 17	20 35	0 22	20 57	1 1	13 51	2 9	14 11	0 30	21 9
M 3	15 29	15 26	5 16	23 14	2 46	1 53	0 23	20 45	0 23	20 56	1 1	13 53	2 9	14 10	0 30	21 9
T 4	15 47	12 22	5 4	23 25	2 47	1 33	0 28	20 54	0 24	20 55	1 1	13 55	2 9	14 9	0 30	21 9
W 5	16 4	8 34	4 33	23 33	2 46	1 14	0 33	21 3	0 24	20 54	1 1	13 58	2 9	14 8	0 30	21 9
T 6	16 21	4 16	3 46	23 38	2 45	0 54	0 38	21 12	0 25	20 54	1 1	14 0	2 9	14 8	0 30	21 9
F 7	16 38	0s16	2 44	23 42	2 42	0 34	0 43	21 20	0 25	20 53	1 1	14 2	2 9	14 7	0 30	21 9
S 8	16 55	4 47	1 33	23 43	2 38	0 14	0 48	21 29	0 26	20 52	1 1	14 4	2 9	14 6	0 30	21 9
S 9	17 11	9 1	0 17	23 41	2 33	0n 7	0 52	21 37	0 26	20 51	1 1	14 7	2 9	14 5	0 30	21 9
M10	17 27	12 41	0n59	23 38	2 27	0 28	0 57	21 45	0 27	20 50	1 1	14 9	2 9	14 4	0 30	21 9
T 11	17 43	15 36	2 10	23 32	2 19	0 48	1 1	21 52	0 28	20 49	1 1	14 11	2 9	14 4	0 30	21 9
W12	17 58	17 37	3 13	23 24	2 10	1 9	1 5	22 0	0 28	20 48	1 1	14 13	2 9	14 3	0 30	21 9
T 13	18 13	18 38	4 4	23 14	2 0	1 31	1 9	22 7	0 29	20 47	1 1	14 15	2 9	14 2	0 30	21 9
F 14	18 28	18 40	4 41	23 2	1 49	1 52	1 13	22 14	0 29	20 46	1 1	14 18	2 9	14 1	0 30	21 9
S 15	18 42	17 46	5 4	22 48	1 37	2 14	1 17	22 21	0 30	20 45	1 1	14 20	2 9	14 1	0 30	21 9
S 16	18 57	16 3	5 13	22 32	1 23	2 35	1 21	22 28	0 30	20 44	1 1	14 22	2 9	14 0	0 30	21 10
M17	19 10	13 40	5 7	22 14	1 9	2 57	1 24	22 34	0 31	20 43	1 1	14 24	2 9	13 59	0 30	21 10
T 18	19 24	10 44	4 48	21 54	0 54	3 19	1 28	22 40	0 31	20 42	1 0	14 26	2 9	13 58	0 30	21 10
W19	19 37	7 23	4 17	21 34	0 37	3 41	1 31	22 46	0 32	20 41	1 0	14 28	2 9	13 58	0 30	21 10
T 20	19 50	3 44	3 35	21 12	0 21	4 3	1 34	22 52	0 33	20 39	1 0	14 31	2 9	13 57	0 30	21 10
F 21	20 2	0n 7	2 43	20 49	0 4	4 26	1 37	22 58	0 33	20 38	1 0	14 33	2 9	13 56	0 30	21 10
S 22	20 15	4 0	1 43	20 25	0s14	4 48	1 40	23 3	0 34	20 37	1 0	14 35	2 9	13 55	0 30	21 10
S 23	20 26	7 48	0 37	20 1	0 31	5 10	1 43	23 8	0 34	20 36	1 0	14 37	2 9	13 55	0 30	21 10
M24	20 38	11 22	0s32	19 36	0 49	5 33	1 46	23 13	0 35	20 35	1 0	14 39	2 9	13 54	0 30	21 10
T 25	20 49	14 27	1 41	19 12	1 7	5 55	1 48	23 18	0 35	20 34	1 0	14 41	2 9	13 53	0 30	21 10
W26	21 0	16 52	2 46	18 48	1 24	6 18	1 51	23 22	0 36	20 33	1 0	14 43	2 9	13 53	0 30	21 11
T 27	21 10	18 22	3 44	18 25	1 40	6 40	1 53	23 27	0 36	20 32	1 0	14 45	2 9	13 52	0 30	21 11
F 28	21 20	18 48	4 29	18 2	1 56	7 2	1 55	23 31	0 37	20 30	1 0	14 47	2 9	13 51	0 30	21 11
S 29	21 29	18 3	4 58	17 41	2 12	7 25	1 57	23 34	0 37	20 29	1 0	14 49	2 9	13 51	0 30	21 11
S 30	21 39	16 10	5 9	17 21	2 26	7 47	1 59	23 38	0 38	20 28	1 0	14 51	2 9	13 50	0 30	21 11
M31	21n48	13n17	5s 0	17n 3	2s40	8n10	2s 1	23n41	0n38	20s27	1n 0	14n53	2s10	13s49	0n30	21s11

Julian Day Number = 2687976.5, Delta T = 23m24s

Ecliptic obliquity = 23°21'10, Nutation = 0°00'06

Ayanamsha: Fagan/Bradley = 33°47'43, Lahiri = 32°54'43

## ASTRODIENST EPHEMERIS for the year 2647

JUNE 2647

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 36 31	10 <sup>11</sup> 26'36	22 <sup>02</sup> 40	27°R42	27 <sup>17</sup> 13	21 <sup>11</sup> 49	7°R 2	17 <sup>08</sup> 30	8°R29	18°R17	28 <sup>11</sup> 53	24°R44	23 <sup>02</sup> 33	25 <sup>08</sup> 47	5 <sup>18</sup> 32	T 1
W 2	16 40 27	11°24'22	6 <sup>10</sup> 54	27 <sup>08</sup> 26	28°20	22°31	6 <sup>07</sup> 55	17°37	8 <sup>10</sup> 27	18 <sup>03</sup> 16	28°54	24°D42	23°30	25°54	5°32	W 2
T 3	16 44 24	12°22'06	21° 1	27°15	29°27	23°12	6°47	17°44	8°25	18°15	28°56	24°D43	23°27	26° 0	5°33	T 3
F 4	16 48 20	13°19'48	4 <sup>05</sup> 58	27° 8	0 <sup>08</sup> 34	23°54	6°40	17°51	8°23	18°14	28°57	24°44	23°24	26° 7	5°33	F 4
S 5	16 52 17	14°17'29	18°46	27°D 5	1°41	24°35	6°32	17°58	8°21	18°12	28°58	24°R45	23°20	26°14	5°33	S 5
S 6	16 56 13	15°15'08	2 <sup>10</sup> 23	27° 7	2°49	25°16	6°25	18° 5	8°19	18°11	29° 0	24°44	23°17	26°20	5°34	S 6
M 7	17 0 10	16°12'46	15°51	27°13	3°56	25°58	6°17	18°12	8°17	18°10	29° 1	24°43	23°14	26°27	5°34	M 7
T 8	17 4 7	17°10'22	29° 6	27°24	5° 4	26°39	6°10	18°19	8°15	18° 9	29° 2	24°38	23°11	26°34	5°34	T 8
W 9	17 8 3	18° 7'58	12 <sup>07</sup> 10	27°39	6°12	27°20	6° 2	18°26	8°14	18° 7	29° 4	24°32	23° 8	26°40	5°34	W 9
T 10	17 12 0	19° 5'32	25° 1	27°59	7°19	28° 1	5°55	18°33	8°12	18° 6	29° 5	24°23	23° 5	26°47	5°R34	T 10
F 11	17 15 56	20° 3'05	7 <sup>03</sup> 39	28°23	8°27	28°42	5°48	18°40	8°10	18° 5	29° 7	24°13	23° 1	26°54	5°34	F 11
S 12	17 19 53	21° 0'37	20° 4	28°51	9°35	29°23	5°41	18°47	8° 8	18° 3	29° 8	24° 3	22°58	27° 1	5°34	S 12
S 13	17 23 49	21°58'09	2 <sup>08</sup> 16	29°24	10°44	0 <sup>05</sup> 5	5°34	18°54	8° 7	18° 2	29° 9	23°54	22°55	27° 7	5°34	S 13
M14	17 27 46	22°55'39	14°18	0 <sup>11</sup> 0	11°52	0°46	5°27	19° 1	8° 5	18° 0	29°11	23°46	22°52	27°14	5°34	M14
T 15	17 31 43	23°53'09	26°13	0°41	13° 0	1°26	5°20	19° 8	8° 4	17°59	29°12	23°40	22°49	27°21	5°33	T 15
W16	17 35 39	24°50'37	8 <sup>18</sup> 4	1°25	14° 9	2° 7	5°13	19°14	8° 2	17°57	29°14	23°36	22°46	27°27	5°33	W16
T 17	17 39 36	25°48'05	19°55	2°14	15°17	2°48	5° 6	19°21	8° 1	17°56	29°15	23°35	22°42	27°34	5°32	T 17
F 18	17 43 32	26°45'33	1 <sup>17</sup> 53	3° 6	16°26	3°29	4°59	19°28	7°59	17°55	29°16	23°D35	22°39	27°41	5°32	F 18
S 19	17 47 29	27°42'59	14° 2	4° 1	17°35	4°10	4°53	19°34	7°58	17°53	29°18	23°35	22°36	27°47	5°31	S 19
S 20	17 51 25	28°40'26	26°27	5° 1	18°44	4°51	4°46	19°41	7°57	17°52	29°19	23°R35	22°33	27°54	5°31	S 20
M21	17 55 22	29°37'51	9 <sup>08</sup> 12	6° 3	19°53	5°31	4°40	19°47	7°55	17°50	29°21	23°34	22°30	28° 1	5°30	M21
T 22	17 59 18	0 <sup>08</sup> 35'16	22°22	7° 9	21° 2	6°12	4°34	19°54	7°54	17°49	29°22	23°31	22°26	28° 8	5°29	T 22
W23	18 3 15	1°32'41	5 <sup>11</sup> 58	8°19	22°11	6°53	4°27	20° 0	7°53	17°47	29°23	23°26	22°23	28°14	5°29	W23
T 24	18 7 12	2°30'05	19°59	9°31	23°20	7°33	4°21	20° 6	7°52	17°45	29°25	23°18	22°20	28°21	5°28	T 24
F 25	18 11 8	3°27'28	4 <sup>08</sup> 22	10°47	24°29	8°14	4°15	20°13	7°51	17°44	29°26	23° 8	22°17	28°28	5°27	F 25
S 26	18 15 5	4°24'51	19° 0	12° 6	25°38	8°54	4°10	20°19	7°50	17°42	29°28	22°57	22°14	28°34	5°26	S 26
S 27	18 19 1	5°22'13	3 <sup>08</sup> 47	13°29	26°48	9°35	4° 4	20°25	7°49	17°41	29°29	22°47	22°11	28°41	5°25	S 27
M28	18 22 58	6°19'34	18°34	14°54	27°57	10°15	3°58	20°31	7°48	17°39	29°30	22°39	22° 7	28°48	5°24	M28
T 29	18 26 54	7°16'55	3 <sup>10</sup> 12	16°23	29° 7	10°56	3°53	20°37	7°47	17°38	29°32	22°33	22° 4	28°54	5°23	T 29
W30	18 30 51	8 <sup>08</sup> 14'14	17 <sup>10</sup> 39	17 <sup>11</sup> 54	0 <sup>11</sup> 16	11 <sup>08</sup> 36	3 <sup>07</sup> 48	20 <sup>08</sup> 43	7 <sup>10</sup> 46	17 <sup>03</sup> 36	29 <sup>11</sup> 33	22 <sup>02</sup> 30	22 <sup>02</sup> 1	29 <sup>08</sup> 1	5 <sup>18</sup> 21	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	21n56	9n36	4s33	16n47	2s52	8n32	2s 3	23n45	0n39	20s26	0n59	14n55	2s10	13s49	0n30	21s11
W 2	22 4	5 23	3 49	16 32	3 3	8 54	2 4	23 48	0 39	20 25	0 59	14 57	2 10	13 48	0 30	21 12
T 3	22 12	0 55	2 52	16 20	3 14	9 16	2 6	23 50	0 40	20 24	0 59	14 59	2 10	13 47	0 30	21 12
F 4	22 19	3s34	1 45	16 9	3 23	9 39	2 7	23 53	0 40	20 22	0 59	15 1	2 10	13 47	0 30	21 12
S 5	22 26	7 49	0 32	16 1	3 31	10 1	2 8	23 55	0 40	20 21	0 59	15 3	2 10	13 46	0 30	21 12
S 6	22 32	11 37	0n41	15 55	3 38	10 22	2 9	23 57	0 41	20 20	0 59	15 5	2 10	13 46	0 30	21 12
M 7	22 39	14 45	1 51	15 50	3 43	10 44	2 10	23 59	0 41	20 19	0 59	15 6	2 10	13 45	0 30	21 12
T 8	22 44	17 3	2 54	15 48	3 48	11 6	2 11	24 0	0 42	20 18	0 59	15 8	2 10	13 44	0 30	21 13
W 9	22 50	18 26	3 46	15 48	3 52	11 27	2 12	24 2	0 42	20 17	0 58	15 10	2 10	13 44	0 29	21 13
T 10	22 54	18 49	4 26	15 50	3 54	11 49	2 13	24 3	0 43	20 16	0 58	15 12	2 10	13 43	0 29	21 13
F 11	22 59	18 16	4 52	15 54	3 55	12 10	2 13	24 4	0 43	20 14	0 58	15 14	2 10	13 43	0 29	21 13
S 12	23 3	16 51	5 4	15 59	3 56	12 31	2 14	24 5	0 44	20 13	0 58	15 15	2 10	13 42	0 29	21 13
S 13	23 7	14 41	5 2	16 7	3 56	12 52	2 14	24 5	0 44	20 12	0 58	15 17	2 10	13 42	0 29	21 13
M14	23 10	11 55	4 46	16 16	3 54	13 12	2 14	24 6	0 45	20 11	0 58	15 19	2 11	13 41	0 29	21 14
T 15	23 13	8 41	4 18	16 26	3 52	13 33	2 15	24 6	0 45	20 10	0 58	15 21	2 11	13 41	0 29	21 14
W16	23 15	5 8	3 38	16 38	3 49	13 53	2 15	24 6	0 45	20 9	0 57	15 22	2 11	13 40	0 29	21 14
T 17	23 17	1 22	2 50	16 51	3 45	14 13	2 15	24 5	0 46	20 8	0 57	15 24	2 11	13 40	0 29	21 14
F 18	23 19	2n29	1 53	17 5	3 41	14 33	2 14	24 5	0 46	20 7	0 57	15 26	2 11	13 40	0 29	21 14
S 19	23 20	6 18	0 51	17 21	3 35	14 52	2 14	24 4	0 47	20 6	0 57	15 27	2 11	13 39	0 29	21 15
S 20	23 21	9 56	0s15	17 37	3 29	15 11	2 14	24 3	0 47	20 5	0 57	15 29	2 11	13 39	0 29	21 15
M21	23 21	13 13	1 22	17 55	3 23	15 30	2 13	24 2	0 47	20 4	0 56	15 31	2 11	13 38	0 29	21 15
T 22	23 21	15 56	2 27	18 13	3 16	15 49	2 13	24 0	0 48	20 3	0 56	15 32	2 11	13 38	0 29	21 15
W23	23 21	17 51	3 25	18 31	3 8	16 7	2 12	23 59	0 48	20 2	0 56	15 34	2 11	13 38	0 29	21 15
T 24	23 20	18 46	4 13	18 50	2 59	16 25	2 11	23 57	0 49	20 1	0 56	15 35	2 12	13 37	0 29	21 16
F 25	23 18	18 31	4 46	19 10	2 51	16 43	2 11	23 55	0 49	20 0	0 56	15 37	2 12	13 37	0 29	21 16
S 26	23 17	17 2	5 1	19 30	2 41	17 0	2 10	23 53	0 50	19 59	0 56	15 39	2 12	13 37	0 29	21 16
S 27	23 15	14 26	4 56	19 50	2 32	17 17	2 9	23 50	0 50	19 59	0 55	15 40	2 12	13 36	0 29	21 16
M28	23 12	10 54	4 32	20 10	2 21	17 33	2 8	23 48	0 50	19 58	0 55	15 41	2 12	13 36	0 29	21 16
T 29	23 9	6 43	3 50	20 29	2 11	17 50	2 7	23 45	0 51	19 57	0 55	15 43	2 12	13 36	0 29	21 17
W30	23n 6	2n12	2s53	20n49	2s 0	18n 5	2s 5	23n42	0n51	19s56	0n55	15n44	2s12	13s36	0n29	21s17

Julian Day Number = 2688007.5, Delta T = 23m24s

Ecliptic obliquity = 23°21'10, Nutation = 0°00'07

Ayanamsha: Fagan/Bradley = 33°47'47, Lahiri = 32°54'47

## ASTRODIENST EPHEMERIS for the year 2647

JULY 2647

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 34 47	9°11'32	1°49	19°11'29	1°11'26	12°51'16	3°R43	20°8'49	7°R45	17°R34	29°11'35	22°R28	21°45'58	29°8'8	5°R20	T 1
F 2	18 38 44	10° 8'50	15°41	21° 7	2°36	12°57	3°R38	20°55	7°M44	17°33	29°36	22°42'28	21°55	29°14	5°H19	F 2
S 3	18 42 41	11° 6'07	29°18	22°47	3°46	13°37	3°33	21° 1	7°44	17°31	29°37	22°28	21°52	29°21	5°17	S 3
S 4	18 46 37	12° 3'24	12°M39	24°31	4°55	14°17	3°28	21° 7	7°43	17°30	29°39	22°27	21°48	29°28	5°16	S 4
M 5	18 50 34	13° 0'39	25°47	26°17	6° 5	14°57	3°24	21°12	7°42	17°28	29°40	22°24	21°45	29°35	5°14	M 5
T 6	18 54 30	13°57'55	8°M42	28° 7	7°15	15°37	3°19	21°18	7°42	17°26	29°41	22°17	21°42	29°41	5°13	T 6
W 7	18 58 27	14°55'09	21°26	29°59	8°25	16°18	3°15	21°24	7°41	17°25	29°43	22° 8	21°39	29°48	5°11	W 7
T 8	19 2 23	15°52'24	4°30	19°54	9°35	16°58	3°11	21°29	7°41	17°23	29°44	21°57	21°36	29°55	5°10	T 8
F 9	19 6 20	16°49'38	16°23	3°51	10°46	17°38	3° 7	21°34	7°40	17°22	29°45	21°44	21°32	0°H1	5° 8	F 9
S 10	19 10 16	17°46'51	28°37	5°50	11°56	18°18	3° 4	21°40	7°40	17°20	29°47	21°31	21°29	0° 8	5° 6	S 10
S 11	19 14 13	18°44'05	10°M41	7°52	13° 6	18°58	3° 0	21°45	7°40	17°18	29°48	21°18	21°26	0°15	5° 4	S 11
M12	19 18 10	19°41'18	22°39	9°56	14°17	19°37	2°57	21°50	7°40	17°17	29°49	21° 7	21°23	0°21	5° 2	M12
T 13	19 22 6	20°38'31	4°H30	12° 2	15°27	20°17	2°54	21°56	7°39	17°15	29°51	20°58	21°20	0°28	5° 0	T 13
W14	19 26 3	21°35'45	16°19	14° 9	16°38	20°57	2°50	22° 1	7°39	17°13	29°52	20°52	21°17	0°35	4°58	W14
T 15	19 29 59	22°32'58	28°10	16°17	17°48	21°37	2°48	22° 6	7°39	17°12	29°53	20°49	21°13	0°42	4°56	T 15
F 16	19 33 56	23°30'12	10°V6	18°26	18°59	22°17	2°45	22°11	7°D39	17°10	29°55	20°48	21°10	0°48	4°54	F 16
S 17	19 37 52	24°27'26	22°13	20°36	20° 9	22°57	2°42	22°15	7°39	17° 9	29°56	20°47	21° 7	0°55	4°52	S 17
S 18	19 41 49	25°24'40	4°H36	22°46	21°20	23°36	2°40	22°20	7°39	17° 7	29°57	20°47	21° 4	1° 2	4°50	S 18
M19	19 45 45	26°21'55	17°20	24°56	22°31	24°16	2°38	22°25	7°39	17° 5	29°59	20°46	21° 1	1° 8	4°48	M19
T 20	19 49 42	27°19'10	0°H30	27° 6	23°42	24°56	2°36	22°30	7°39	17° 4	29°59	20°43	20°57	1°15	4°46	T 20
W21	19 53 39	28°16'25	14° 8	29°16	24°53	25°35	2°34	22°34	7°40	17° 2	0°H1	20°37	20°54	1°22	4°43	W21
T 22	19 57 35	29°13'41	28°16	1°H24	26° 4	26°15	2°33	22°39	7°40	17° 1	0° 2	20°29	20°51	1°28	4°41	T 22
F 23	20 1 32	0°H10'57	12°H49	3°32	27°15	26°54	2°31	22°43	7°40	16°59	0° 4	20°19	20°48	1°35	4°39	F 23
S 24	20 5 28	1° 8'13	27°43	5°39	28°26	27°34	2°30	22°47	7°41	16°58	0° 5	20° 9	20°45	1°42	4°36	S 24
S 25	20 9 25	2° 5'30	12°H49	7°45	29°37	28°13	2°29	22°52	7°41	16°56	0° 6	19°58	20°42	1°48	4°34	S 25
M26	20 13 21	3° 2'46	27°56	9°49	0°H48	28°53	2°28	22°56	7°42	16°54	0° 7	19°49	20°38	1°55	4°31	M26
T 27	20 17 18	4° 0'03	12°H54	11°51	2° 0	29°32	2°27	23° 0	7°42	16°53	0° 8	19°43	20°35	2° 2	4°29	T 27
W28	20 21 14	4°57'20	27°37	13°53	3°11	0°H12	2°27	23° 4	7°43	16°51	0°10	19°39	20°32	2° 8	4°26	W28
T 29	20 25 11	5°54'37	11°H58	15°52	4°22	0°51	2°26	23° 8	7°43	16°50	0°11	19°38	20°29	2°15	4°24	T 29
F 30	20 29 8	6°51'54	25°57	17°50	5°34	1°30	2°D26	23°12	7°44	16°48	0°12	19°D38	20°26	2°22	4°21	F 30
S 31	20 33 4	7°H49'11	9°M33	19°H46	6°H45	2°H10	2°H26	23°H15	7°M45	16°H47	0°H13	19°R38	20°H23	2°H29	4°H18	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	23n 2	2s21	1s47	21n 8	1s49	18n21	2s 4	23n39	0n51	19s55	0n55	15n46	2s12	13s35	0n29	T 1
F 2	22 58	6 42	0 36	21 26	1 37	18 36	2 3	23 35	0 52	19 55	0 54	15 47	2 13	13 35	0 29	F 2
S 3	22 53	10 37	0n36	21 44	1 26	18 50	2 1	23 31	0 52	19 54	0 54	15 49	2 13	13 35	0 29	S 3
S 4	22 48	13 55	1 45	22 0	1 14	19 5	2 0	23 28	0 53	19 53	0 54	15 50	2 13	13 35	0 29	S 4
M 5	22 43	16 26	2 46	22 16	1 2	19 18	1 58	23 24	0 53	19 53	0 54	15 51	2 13	13 35	0 29	M 5
T 6	22 37	18 4	3 38	22 30	0 50	19 32	1 56	23 19	0 53	19 52	0 53	15 53	2 13	13 35	0 29	T 6
W 7	22 31	18 46	4 19	22 43	0 38	19 44	1 55	23 15	0 54	19 52	0 53	15 54	2 13	13 34	0 29	W 7
T 8	22 25	18 32	4 46	22 54	0 27	19 57	1 53	23 10	0 54	19 51	0 53	15 55	2 14	13 34	0 29	T 8
F 9	22 18	17 25	4 59	23 3	0 15	20 9	1 51	23 6	0 54	19 50	0 53	15 56	2 14	13 34	0 29	F 9
S 10	22 11	15 30	4 58	23 10	0 3	20 20	1 49	23 1	0 55	19 50	0 53	15 58	2 14	13 34	0 29	S 10
S 11	22 3 12	56	4 43	23 15	0n 8	20 31	1 47	22 56	0 55	19 50	0 52	15 59	2 14	13 34	0 29	S 11
M12	21 55	9 52	4 17	23 18	0 19	20 41	1 45	22 50	0 55	19 49	0 52	16 0	2 14	13 34	0 28	M12
T 13	21 46	6 26	3 39	23 18	0 29	20 51	1 43	22 45	0 56	19 49	0 52	16 1	2 14	13 34	0 28	T 13
W14	21 38	2 44	2 52	23 15	0 39	21 1	1 41	22 39	0 56	19 48	0 52	16 2	2 14	13 34	0 28	W14
T 15	21 28	1n 4	1 57	23 10	0 49	21 10	1 39	22 33	0 56	19 48	0 51	16 3	2 15	13 34	0 28	T 15
F 16	21 19	4 51	0 56	23 2	0 58	21 18	1 36	22 27	0 57	19 48	0 51	16 4	2 15	13 34	0 28	F 16
S 17	21 9	8 30	0s 8	22 52	1 6	21 26	1 34	22 21	0 57	19 47	0 51	16 5	2 15	13 34	0 28	S 17
S 18	20 59	11 52	1 12	22 39	1 13	21 33	1 32	22 14	0 57	19 47	0 51	16 7	2 15	13 34	0 28	S 18
M19	20 48	14 47	2 16	22 23	1 20	21 39	1 29	22 8	0 58	19 47	0 51	16 8	2 15	13 34	0 28	M19
T 20	20 37	17 1	3 14	22 5	1 26	21 45	1 27	22 1	0 58	19 47	0 50	16 9	2 16	13 34	0 28	T 20
W21	20 26	18 24	4 3	21 44	1 32	21 51	1 24	21 54	0 58	19 47	0 50	16 10	2 16	13 34	0 28	W21
T 22	20 14	18 41	4 39	21 21	1 36	21 56	1 22	21 47	0 59	19 47	0 50	16 10	2 16	13 34	0 28	T 22
F 23	20 2 17	47	4 59	20 55	1 40	22 0	1 19	21 40	0 59	19 47	0 50	16 11	2 16	13 35	0 28	F 23
S 24	19 50	15 40	4 59	20 28	1 43	22 4	1 17	21 32	0 59	19 47	0 49	16 12	2 16	13 35	0 28	S 24
S 25	19 37	12 27	4 38	19 58	1 46	22 7	1 14	21 25	1 0	19 47	0 49	16 13	2 16	13 35	0 28	S 25
M26	19 24	8 26	3 58	19 27	1 47	22 10	1 11	21 17	1 0	19 47	0 49	16 14	2 17	13 35	0 28	M26
T 27	19 11	3 54	3 2	18 54	1 48	22 12	1 9	21 9	1 0	19 47	0 49	16 15	2 17	13 35	0 28	T 27
W28	18 57	0s48	1 54	18 20	1 48	22 13	1 6	21 1	1 0	19 47	0 48	16 16	2 17	13 36	0 28	W28
T 29	18 44	5 20	0 41	17 44	1 48	22 14	1 3	20 53	1 1	19 47	0 48	16 16	2 17	13 36	0 28	T 29
F 30	18 29	9 28	0n34	17 7	1 46	22 14	1 0	20 45	1 1	19 47	0 48	16 17	2 17	13 36	0 28	F 30
S 31	18n15	12s59	1n44	16n29	1n45	22n13	0s58	20n36	1n 1	19s47	0n48	16n18	2s18	13s36	0n28	S 31

Julian Day Number = 2688037.5, Delta T = 23m25s

Ecliptic obliquity = 23°21'10, Nutation = 0°00'07

Ayanamsha: Fagan/Bradley = 33°47'51, Lahiri = 32°54'51

## ASTRODIENST EPHEMERIS for the year 2647

AUGUST 2647

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 37 1	8♂46'29	22♂48	21♂40	7♂57	2♂49	2♂26	23♂19	7♂46	16♂45	0♂14	19♂37	20♂19	2♂35	4♂16	S 1
M 2	20 40 57	9♂43'47	5♂46	23°33	9° 8	3°28	2°27	23°23	7°46	16♂44	0°15	19♂34	20°16	2°42	4♂13	M 2
T 3	20 44 54	10♂41'05	18°28	25°23	10°20	4° 8	2°27	23°26	7°47	16°42	0°17	19°29	20°13	2°49	4°10	T 3
W 4	20 48 50	11°38'23	0♂58	27°12	11°31	4°47	2°28	23°30	7°48	16°41	0°18	19°21	20°10	2°55	4° 7	W 4
T 5	20 52 47	12°35'42	13°17	29° 0	12°43	5°26	2°29	23°33	7°49	16°40	0°19	19°11	20° 7	3° 2	4° 5	T 5
F 6	20 56 43	13°33'01	25°27	0♂45	13°55	6° 5	2°30	23°36	7°50	16°38	0°20	19° 0	20° 3	3° 9	4° 2	F 6
S 7	21 0 40	14°30'20	7♂30	2°29	15° 7	6°44	2°31	23°39	7°52	16°37	0°21	18°48	20° 0	3°15	3°59	S 7
S 8	21 4 37	15°27'41	19°27	4°11	16°19	7°23	2°33	23°42	7°53	16°35	0°22	18°37	19°57	3°22	3°56	S 8
M 9	21 8 33	16°25'02	1♂20	5°51	17°30	8° 2	2°34	23°45	7°54	16°34	0°23	18°27	19°54	3°29	3°53	M 9
T 10	21 12 30	17°22'23	13°10	7°30	18°42	8°41	2°36	23°48	7°55	16°33	0°24	18°20	19°51	3°35	3°50	T 10
W 11	21 16 26	18°19'46	24°59	9° 6	19°54	9°20	2°38	23°51	7°56	16°31	0°25	18°14	19°48	3°42	3°47	W 11
T 12	21 20 23	19°17'09	6♂50	10°41	21° 7	9°59	2°40	23°53	7°58	16°30	0°26	18°12	19°44	3°49	3°44	T 12
F 13	21 24 19	20°14'34	18°47	12°15	22°19	10°38	2°43	23°56	7°59	16°29	0°27	18°D11	19°41	3°55	3°41	F 13
S 14	21 28 16	21°12'00	0♂54	13°46	23°31	11°17	2°45	23°58	8° 1	16°28	0°28	18°12	19°38	4° 2	3°38	S 14
S 15	21 32 12	22° 9'26	13°17	15°16	24°43	11°56	2°48	24° 1	8° 2	16°26	0°29	18°13	19°35	4° 9	3°35	S 15
M 16	21 36 9	23° 6'54	25°59	16°44	25°55	12°35	2°51	24° 3	8° 4	16°25	0°30	18°R13	19°32	4°16	3°32	M 16
T 17	21 40 6	24° 4'24	9♂11	18°11	27° 8	13°14	2°54	24° 5	8° 5	16°24	0°31	18°12	19°29	4°22	3°29	T 17
W 18	21 44 2	25° 1'54	22°38	19°35	28°20	13°52	2°57	24° 7	8° 7	16°23	0°32	18° 9	19°25	4°29	3°26	W 18
T 19	21 47 59	25°59'26	6♂41	20°58	29°33	14°31	3° 1	24° 9	8° 9	16°22	0°32	18° 4	19°22	4°36	3°23	T 19
F 20	21 51 55	26°56'59	21°12	22°19	0♂45	15°10	3° 4	24°11	8°10	16°20	0°33	17°57	19°19	4°42	3°20	F 20
S 21	21 55 52	27°54'33	6♂11	23°38	1°58	15°49	3° 8	24°13	8°12	16°19	0°34	17°50	19°16	4°49	3°17	S 21
S 22	21 59 48	28°52'09	21°17	24°55	3°10	16°27	3°12	24°14	8°14	16°18	0°35	17°42	19°13	4°56	3°14	S 22
M 23	22 3 45	29°49'45	6♂12	26°10	4°23	17° 6	3°16	24°16	8°16	16°17	0°36	17°36	19° 9	5° 2	3°10	M 23
T 24	22 7 41	0♂47'23	21°43	27°23	5°36	17°45	3°20	24°17	8°18	16°16	0°37	17°32	19° 6	5° 9	3° 7	T 24
W 25	22 11 38	1°45'01	6♂39	28°34	6°48	18°23	3°24	24°18	8°20	16°15	0°37	17°29	19° 3	5°16	3° 4	W 25
T 26	22 15 35	2°42'41	21°14	29°43	8° 1	19° 2	3°29	24°20	8°22	16°14	0°38	17°D29	19° 0	5°22	3° 1	T 26
F 27	22 19 31	3°40'21	5♂24	0♂50	9°14	19°40	3°34	24°21	8°24	16°13	0°39	17°30	18°57	5°29	2°58	F 27
S 28	22 23 28	4°38'03	19° 7	1°54	10°27	20°19	3°39	24°22	8°26	16°12	0°40	17°31	18°54	5°36	2°55	S 28
S 29	22 27 24	5°35'45	2♂26	2°55	11°40	20°58	3°44	24°23	8°28	16°11	0°40	17°R32	18°50	5°42	2°52	S 29
M 30	22 31 21	6°33'29	15°22	3°54	12°53	21°36	3°49	24°24	8°30	16°10	0°41	17°32	18°47	5°49	2°49	M 30
T 31	22 35 17	7♂31'13	27♂59	4♂51	14♂11	22♂15	3♂54	24♂24	8♂33	16♂9	0♂42	17♂30	18♂44	5♂56	2♂46	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	18n 0	15s43	2n47	15n51	1n42	22n12	0s55	20n27	1n 2	19s48	0n48	16n19	2s18	13s37	0n28	S 1
M 2	17 45	17 35	3 39	15 11	1 39	22 10	0 52	20 19	1 2	19 48	0 47	16 19	2 18	13 37	0 28	M 2
T 3	17 30	18 32	4 20	14 31	1 36	22 8	0 49	20 10	1 2	19 48	0 47	16 20	2 18	13 37	0 28	T 3
W 4	17 14	18 34	4 47	13 50	1 31	22 5	0 46	20 1	1 2	19 49	0 47	16 21	2 18	13 38	0 28	W 4
T 5	16 58	17 42	5 1	13 8	1 27	22 2	0 43	19 51	1 3	19 49	0 47	16 21	2 19	13 38	0 28	T 5
F 6	16 42	16 2	5 1	12 27	1 22	21 57	0 41	19 42	1 3	19 50	0 46	16 22	2 19	13 38	0 28	F 6
S 7	16 25	13 42	4 47	11 44	1 16	21 53	0 38	19 32	1 3	19 50	0 46	16 22	2 19	13 39	0 28	S 7
S 8	16 9	10 48	4 21	11 2	1 10	21 47	0 35	19 23	1 3	19 51	0 46	16 23	2 19	13 39	0 28	S 8
M 9	15 52	7 29	3 43	10 20	1 4	21 41	0 32	19 13	1 4	19 51	0 46	16 23	2 19	13 39	0 28	M 9
T 10	15 34	3 53	2 56	9 37	0 57	21 34	0 29	19 3	1 4	19 52	0 45	16 24	2 20	13 40	0 27	T 10
W 11	15 17	0 8	2 1	8 54	0 50	21 27	0 26	18 53	1 4	19 52	0 45	16 24	2 20	13 40	0 27	W 11
T 12	14 59	3n38	1 1	8 12	0 43	21 19	0 23	18 43	1 4	19 53	0 45	16 25	2 20	13 41	0 27	T 12
F 13	14 41	7 17	0s 3	7 29	0 35	21 11	0 20	18 33	1 5	19 54	0 45	16 25	2 20	13 41	0 27	F 13
S 14	14 23	10 41	1 8	6 47	0 27	21 2	0 17	18 22	1 5	19 54	0 45	16 26	2 21	13 42	0 27	S 14
S 15	14 4	13 41	2 11	6 5	0 19	20 52	0 15	18 12	1 5	19 55	0 44	16 26	2 21	13 42	0 27	S 15
M 16	13 46	16 7	3 9	5 23	0 10	20 42	0 12	18 1	1 5	19 56	0 44	16 26	2 21	13 43	0 27	M 16
T 17	13 27	17 48	3 59	4 41	0 2	20 31	0 9	17 50	1 6	19 57	0 44	16 27	2 21	13 43	0 27	T 17
W 18	13 8	18 32	4 38	4 0	0s 7	20 19	0 6	17 39	1 6	19 58	0 44	16 27	2 21	13 44	0 27	W 18
T 19	12 49	18 10	5 1	3 19	0 17	20 7	0 3	17 28	1 6	19 58	0 43	16 27	2 22	13 45	0 27	T 19
F 20	12 29	16 38	5 7	2 38	0 26	19 55	0 0	17 17	1 6	19 59	0 43	16 27	2 22	13 45	0 27	F 20
S 21	12 9	13 58	4 52	1 59	0 35	19 42	0n 3	17 6	1 6	20 0	0 43	16 27	2 22	13 46	0 27	S 21
S 22	11 50	10 18	4 17	1 19	0 45	19 28	0 5	16 54	1 7	20 1	0 43	16 28	2 22	13 46	0 27	S 22
M 23	11 29	5 56	3 23	0 40	0 55	19 14	0 8	16 43	1 7	20 2	0 43	16 28	2 23	13 47	0 27	M 23
T 24	11 9	1 12	2 15	0 2	1 5	18 59	0 11	16 31	1 7	20 3	0 42	16 28	2 23	13 48	0 27	T 24
W 25	10 49	3s32	0 58	0s35	1 15	18 43	0 14	16 20	1 7	20 4	0 42	16 28	2 23	13 48	0 27	W 25
T 26	10 28	7 56	0n20	1 11	1 25	18 27	0 16	16 8	1 8	20 5	0 42	16 28	2 23	13 49	0 27	T 26
F 27	10 8	11 46	1 36	1 47	1 35	18 11	0 19	15 56	1 8	20 6	0 42	16 28	2 23	13 50	0 27	F 27
S 28	9 47	14 49	2 43	2 22	1 46	17 54	0 21	15 44	1 8	20 8	0 42	16 28	2 24	13 50	0 27	S 28
S 29	9 26	16 59	3 40	2 56	1 56	17 37	0 24	15 32	1 8	20 9	0 41	16 28	2 24	13 51	0 27	S 29
M 30	9 4	18 11	4 23	3 29	2 6	17 19	0 27	15 20	1 8	20 10	0 41	16 28	2 24	13 52	0 27	M 30
T 31	8n43	18s27	4n53	4s 0	2s16	17n 0	0n29	15n 8	1n 9	20s11	0n41	16n28	2s24	13s53	0n27	T 31

Julian Day Number = 2688068.5, Delta T = 23m25s

Ecliptic obliquity = 23°21'10, Nutation = 0°00'07

Ayanamsha: Fagan/Bradley = 33°47'56, Lahiri = 32°54'55



## ASTRODIENST EPHEMERIS for the year 2647

OCTOBER 2647

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	0 37 30	7♂34'08	13♂23	28°R36	22♂11	11♂57	7♂49	23°R54	10♂1	15♂57	0°R52	16°R43	17♂6	9♂23	1°R19	F 1
S 2	0 41 27	8°32'44	25°15	27♂59	23°25	12°34	7°58	23♂52	10°4	15°57	0♂52	16♂42	17°2	9°29	1♂17	S 2
S 3	0 45 23	9°31'23	7♂5	27°31	24°40	13°12	8°8	23°49	10°8	15°57	0°52	16°40	16°59	9°36	1°15	S 3
M 4	0 49 20	10°30'03	18°55	27°12	25°54	13°50	8°17	23°46	10°11	15°58	0°52	16°40	16°56	9°43	1°12	M 4
T 5	0 53 17	11°28'45	0°Y49	27°D 3	27°8	14°28	8°27	23°43	10°14	15°58	0°52	16°39	16°53	9°49	1°10	T 5
W 6	0 57 13	12°27'29	12°49	27°4	28°23	15°5	8°37	23°40	10°18	15°58	0°52	16°D39	16°50	9°56	1°8	W 6
T 7	1 1 10	13°26'14	24°56	27°15	29°37	15°43	8°47	23°37	10°21	15°58	0°51	16°39	16°46	10°3	1°6	T 7
F 8	1 5 6	14°25'02	7♂12	27°36	0♂52	16°21	8°57	23°34	10°25	15°59	0°51	16°39	16°43	10°9	1°4	F 8
S 9	1 9 3	15°23'52	19°39	28°6	2°6	16°59	9°8	23°31	10°28	15°59	0°51	16°39	16°40	10°16	1°2	S 9
S 10	1 12 59	16°22'44	2♂19	28°46	3°21	17°36	9°18	23°28	10°32	15°59	0°51	16°R39	16°37	10°23	1°0	S 10
M11	1 16 56	17°21'39	15°13	29°34	4°35	18°14	9°28	23°24	10°35	16°0	0°51	16°39	16°34	10°29	0°59	M11
T 12	1 20 52	18°20'35	28°24	0♂30	5°50	18°51	9°39	23°21	10°39	16°0	0°51	16°39	16°31	10°36	0°57	T 12
W13	1 24 49	19°19'34	11♂52	1°34	7°5	19°29	9°49	23°17	10°42	16°1	0°50	16°39	16°27	10°43	0°55	W13
T 14	1 28 46	20°18'35	25°39	2°44	8°19	20°7	10°0	23°14	10°46	16°1	0°50	16°D39	16°24	10°49	0°53	T 14
F 15	1 32 42	21°17'38	9♂44	4°0	9°34	20°44	10°11	23°10	10°50	16°2	0°50	16°39	16°21	10°56	0°52	F 15
S 16	1 36 39	22°16'44	24°7	5°21	10°49	21°22	10°22	23°6	10°53	16°2	0°49	16°40	16°18	11°3	0°50	S 16
S 17	1 40 35	23°15'52	8♂45	6°47	12°4	21°59	10°33	23°3	10°57	16°3	0°49	16°40	16°15	11°9	0°49	S 17
M18	1 44 32	24°15'02	23°32	8°16	13°18	22°37	10°44	22°59	11°0	16°4	0°49	16°41	16°11	11°16	0°47	M18
T 19	1 48 28	25°14'14	8♂22	9°49	14°33	23°14	10°55	22°55	11°4	16°4	0°48	16°41	16°8	11°23	0°46	T 19
W20	1 52 25	26°13'29	23°9	11°24	15°48	23°52	11°6	22°51	11°8	16°5	0°48	16°R41	16°5	11°29	0°45	W20
T 21	1 56 21	27°12'45	7♂44	13°2	17°3	24°29	11°17	22°47	11°11	16°6	0°48	16°41	16°2	11°36	0°43	T 21
F 22	2 0 18	28°12'04	22°1	14°41	18°18	25°7	11°29	22°43	11°15	16°7	0°47	16°40	15°59	11°43	0°42	F 22
S 23	2 4 15	29°11'24	5♂57	16°22	19°33	25°44	11°40	22°38	11°19	16°7	0°47	16°38	15°56	11°49	0°41	S 23
S 24	2 8 11	0♂10'46	19°28	18°4	20°48	26°21	11°52	22°34	11°23	16°8	0°46	16°36	15°52	11°56	0°40	S 24
M25	2 12 8	1°10'10	2♂34	19°46	22°2	26°59	12°3	22°30	11°26	16°9	0°46	16°35	15°49	12°3	0°39	M25
T 26	2 16 4	2°9'36	15°17	21°29	23°17	27°36	12°15	22°26	11°30	16°10	0°45	16°33	15°46	12°9	0°38	T 26
W27	2 20 1	3°9'04	27°40	23°13	24°32	28°13	12°27	22°21	11°34	16°11	0°45	16°D33	15°43	12°16	0°37	W27
T 28	2 23 57	4°8'33	9♂48	24°56	25°47	28°51	12°38	22°17	11°38	16°12	0°44	16°33	15°40	12°23	0°36	T 28
F 29	2 27 54	5°8'04	21°45	26°40	27°2	29°28	12°50	22°12	11°41	16°13	0°44	16°33	15°37	12°29	0°35	F 29
S 30	2 31 50	6°7'36	3♂36	28°23	28°17	0♂5	13°2	22°8	11°45	16°14	0°43	16°35	15°33	12°36	0°34	S 30
S 31	2 35 47	7♂11	15♂25	0♂6	29♂32	0♂43	13♂14	22♂3	11♂49	16♂15	0♂42	16♂36	15♂30	12♂43	0♂34	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	3s 0	12s13	4n43	1s 0	1s42	4n22	1n23	8n11	1n13	20s57	0n35	16n15	2s31	14s21	0n26	21s31
S 2	3 23	9 9	4 8	0 27	1 22	3 53	1 24	7 57	1 13	20 59	0 35	16 14	2 31	14 22	0 26	21 31
S 3	3 46	5 45	3 22	0n 2	1 2	3 25	1 25	7 42	1 13	21 1	0 35	16 13	2 31	14 23	0 26	21 31
M 4	4 9	2 6	2 28	0 28	0 42	2 56	1 25	7 28	1 14	21 2	0 35	16 12	2 31	14 24	0 26	21 31
T 5	4 31	1n39	1 27	0 49	0 23	2 27	1 26	7 14	1 14	21 4	0 34	16 11	2 31	14 25	0 26	21 31
W 6	4 54	5 22	0 21	1 5	0 5	1 58	1 26	6 59	1 14	21 6	0 34	16 10	2 32	14 27	0 26	21 31
T 7	5 17	8 54	0s46	1 17	0n12	1 29	1 27	6 45	1 14	21 8	0 34	16 10	2 32	14 28	0 26	21 31
F 8	5 40	12 6	1 52	1 23	0 28	0 59	1 27	6 30	1 14	21 9	0 34	16 9	2 32	14 29	0 26	21 31
S 9	6 2	14 48	2 53	1 24	0 43	0 30	1 27	6 16	1 14	21 11	0 34	16 8	2 32	14 30	0 26	21 31
S 10	6 25	16 50	3 48	1 21	0 56	0 1	1 28	6 1	1 14	21 13	0 34	16 7	2 32	14 31	0 26	21 31
M11	6 48	18 3	4 31	1 13	1 8	0s28	1 28	5 47	1 14	21 14	0 33	16 6	2 32	14 32	0 26	21 31
T 12	7 10	18 19	5 2	1 0	1 19	0 58	1 28	5 32	1 14	21 16	0 33	16 5	2 33	14 33	0 26	21 31
W13	7 32	17 34	5 17	0 44	1 28	1 27	1 28	5 17	1 14	21 18	0 33	16 4	2 33	14 34	0 26	21 31
T 14	7 54	15 48	5 14	0 23	1 36	1 56	1 28	5 3	1 14	21 19	0 33	16 3	2 33	14 35	0 26	21 31
F 15	8 17	13 3	4 52	0s 1	1 42	2 26	1 28	4 48	1 15	21 21	0 33	16 2	2 33	14 37	0 26	21 31
S 16	8 39	9 28	4 12	0 28	1 48	2 55	1 28	4 33	1 15	21 23	0 33	16 1	2 33	14 38	0 26	21 31
S 17	9 0	5 14	3 16	0 58	1 52	3 24	1 28	4 19	1 15	21 25	0 33	16 0	2 33	14 39	0 26	21 31
M18	9 22	0 39	2 5	1 31	1 55	3 54	1 27	4 4	1 15	21 26	0 32	15 59	2 33	14 40	0 26	21 31
T 19	9 44	4s 1	0 46	2 5	1 57	4 23	1 27	3 49	1 15	21 28	0 32	15 58	2 33	14 41	0 26	21 31
W20	10 5	8 25	0n36	2 41	1 58	4 52	1 26	3 35	1 15	21 30	0 32	15 56	2 33	14 42	0 26	21 31
T 21	10 27	12 14	1 54	3 19	1 58	5 21	1 26	3 20	1 15	21 31	0 32	15 55	2 34	14 43	0 26	21 31
F 22	10 48	15 15	3 4	3 58	1 57	5 50	1 25	3 5	1 15	21 33	0 32	15 54	2 34	14 45	0 26	21 31
S 23	11 9	17 16	4 0	4 38	1 55	6 19	1 25	2 50	1 15	21 35	0 32	15 53	2 34	14 46	0 26	21 31
S 24	11 30	18 15	4 42	5 19	1 53	6 47	1 24	2 36	1 15	21 36	0 32	15 52	2 34	14 47	0 26	21 31
M25	11 50	18 13	5 7	6 0	1 51	7 16	1 23	2 21	1 15	21 38	0 31	15 51	2 34	14 48	0 26	21 31
T 26	12 11	17 14	5 16	6 41	1 47	7 44	1 23	2 6	1 15	21 40	0 31	15 50	2 34	14 49	0 26	21 31
W27	12 31	15 28	5 11	7 23	1 44	8 12	1 22	1 51	1 15	21 41	0 31	15 49	2 34	14 50	0 26	21 31
T 28	12 51	13 3	4 51	8 5	1 39	8 41	1 21	1 37	1 15	21 43	0 31	15 47	2 34	14 52	0 26	21 31
F 29	13 11	10 7	4 19	8 46	1 35	9 8	1 20	1 22	1 15	21 45	0 31	15 46	2 34	14 53	0 26	21 30
S 30	13 31	6 47	3 36	9 28	1 30	9 36	1 19	1 7	1 15	21 46	0 31	15 45	2 34	14 54	0 26	21 30
S 31	13s50	3s12	2n44	10s 9	1n24	10s 4	1n18	0n52	1n15	21s48	0n31	15n44	2s34	14s55	0n26	21s30

Julian Day Number = 2688129.5, Delta T = 23m26s

Ecliptic obliquity = 23°21'10, Nutation = 0°00'05

Ayanamsha: Fagan/Bradley = 33°48'04, Lahiri = 32°55'04

## ASTRODIENST EPHEMERIS for the year 2647

NOVEMBER 2647

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	2 39 44	8♈ 6'47	27♏ 18	1♈49	0♈47	1♈20	13♏26	21°R59	11♈53	16♏16	0°R42	16♈38	15♏27	12♏49	0°R33	M 1
T 2	2 43 40	9° 6'25	9♏16	3°31	2° 3	1°57	13°38	21♏54	11°56	16°17	0♏41	16°39	15°24	12°56	0°R33	T 2
W 3	2 47 37	10° 6'04	21°26	5°13	3°18	2°34	13°51	21°49	12° 0	16°18	0°40	16°R39	15°21	13° 3	0°32	W 3
T 4	2 51 33	11° 5'46	3♏44	6°55	4°33	3°11	14° 3	21°45	12° 4	16°19	0°40	16°38	15°17	13° 9	0°32	T 4
F 5	2 55 30	12° 5'29	16°17	8°36	5°48	3°48	14°15	21°40	12° 8	16°21	0°39	16°36	15°14	13°16	0°31	F 5
S 6	2 59 26	13° 5'15	29° 5	10°17	7° 3	4°26	14°27	21°35	12°11	16°22	0°38	16°32	15°11	13°23	0°31	S 6
S 7	3 3 23	14° 5'03	12♈ 6	11°57	8°18	5° 3	14°40	21°30	12°15	16°23	0°38	16°28	15° 8	13°29	0°31	S 7
M 8	3 7 19	15° 4'52	25°21	13°36	9°33	5°40	14°52	21°26	12°19	16°24	0°37	16°23	15° 5	13°36	0°31	M 8
T 9	3 11 16	16° 4'44	8♏48	15°15	10°48	6°17	15° 5	21°21	12°23	16°26	0°36	16°19	15° 2	13°43	0°31	T 9
W10	3 15 12	17° 4'38	22°27	16°54	12° 3	6°54	15°17	21°16	12°27	16°27	0°35	16°16	14°58	13°49	0°D31	W10
T 11	3 19 9	18° 4'34	6♏18	18°32	13°19	7°31	15°30	21°11	12°30	16°28	0°34	16°14	14°55	13°56	0°31	T 11
F 12	3 23 6	19° 4'32	20°18	20°10	14°34	8° 8	15°43	21° 6	12°34	16°30	0°34	16°D13	14°52	14° 3	0°31	F 12
S 13	3 27 2	20° 4'33	4♏27	21°47	15°49	8°45	15°55	21° 2	12°38	16°31	0°33	16°14	14°49	14° 9	0°31	S 13
S 14	3 30 59	21° 4'35	18°43	23°24	17° 4	9°22	16° 8	20°57	12°42	16°33	0°32	16°15	14°46	14°16	0°31	S 14
M15	3 34 55	22° 4'40	3♏ 5	25° 0	18°20	9°59	16°21	20°52	12°45	16°34	0°31	16°17	14°43	14°23	0°31	M15
T 16	3 38 52	23° 4'46	17°28	26°36	19°35	10°36	16°34	20°47	12°49	16°36	0°30	16°R17	14°39	14°29	0°32	T 16
W17	3 42 48	24° 4'55	1♈50	28°12	20°50	11°13	16°47	20°42	12°53	16°37	0°29	16°16	14°36	14°36	0°32	W17
T 18	3 46 45	25° 5'06	16° 4	29°47	22° 5	11°49	16°59	20°37	12°57	16°39	0°28	16°13	14°33	14°43	0°33	T 18
F 19	3 50 41	26° 5'18	0♏ 7	1♏21	23°21	12°26	17°12	20°33	13° 0	16°40	0°27	16° 8	14°30	14°49	0°33	F 19
S 20	3 54 38	27° 5'32	13°54	2°56	24°36	13° 3	17°25	20°28	13° 4	16°42	0°26	16° 2	14°27	14°56	0°34	S 20
S 21	3 58 35	28° 5'48	27°21	4°30	25°51	13°40	17°38	20°23	13° 8	16°44	0°26	15°54	14°23	15° 3	0°35	S 21
M22	4 2 31	29° 6'06	10♏26	6° 4	27° 7	14°17	17°52	20°18	13°11	16°45	0°25	15°47	14°20	15° 9	0°35	M22
T 23	4 6 28	0♏ 6'25	23°11	7°37	28°22	14°53	18° 5	20°14	13°15	16°47	0°24	15°40	14°17	15°16	0°36	T 23
W24	4 10 24	1° 6'45	5♏36	9°10	29°37	15°30	18°18	20° 9	13°19	16°49	0°23	15°35	14°14	15°23	0°37	W24
T 25	4 14 21	2° 7'07	17°45	10°43	0♏53	16° 7	18°31	20° 4	13°22	16°50	0°22	15°32	14°11	15°29	0°38	T 25
F 26	4 18 17	3° 7'30	29°42	12°15	2° 8	16°44	18°44	19°59	13°26	16°52	0°21	15°D31	14° 8	15°36	0°39	F 26
S 27	4 22 14	4° 7'54	11♏33	13°48	3°23	17°20	18°57	19°55	13°30	16°54	0°20	15°31	14° 4	15°43	0°40	S 27
S 28	4 26 10	5° 8'20	23°22	15°20	4°39	17°57	19°11	19°50	13°33	16°56	0°19	15°32	14° 1	15°49	0°41	S 28
M29	4 30 7	6° 8'47	5♏14	16°51	5°54	18°33	19°24	19°46	13°37	16°57	0°18	15°33	13°58	15°56	0°42	M29
T 30	4 34 4	7♏ 9'15	17♏16	18♏23	7♏ 9	19♏10	19♏37	19♏41	13♈40	16♏59	0♏16	15°R34	13♏55	16♏ 3	0°R44	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	14s10	0n32	1n45	10s50	1n19	10s31	1n16	0n38	1n15	21s49	0n31	15n43	2s34	14s56	0n26	21s30
T 2	14 29	4 17	0 41	11 30	1 13	10 58	1 15	0 23	1 16	21 51	0 30	15 41	2 34	14 57	0 26	21 30
W 3	14 48	7 55	0s26	12 10	1 7	11 24	1 14	0 8	1 16	21 53	0 30	15 40	2 34	14 59	0 26	21 30
T 4	15 6	11 16	1 33	12 49	1 1	11 51	1 13	0s 6	1 16	21 54	0 30	15 39	2 34	15 0	0 26	21 30
F 5	15 25	14 10	2 36	13 27	0 55	12 17	1 11	0 21	1 16	21 56	0 30	15 38	2 34	15 1	0 26	21 30
S 6	15 43	16 25	3 32	14 5	0 48	12 43	1 10	0 36	1 16	21 57	0 30	15 37	2 34	15 2	0 26	21 30
S 7	16 0	17 53	4 19	14 42	0 42	13 9	1 8	0 50	1 16	21 59	0 30	15 35	2 34	15 3	0 26	21 30
M 8	16 18	18 24	4 52	15 19	0 35	13 34	1 7	1 5	1 16	22 0	0 30	15 34	2 34	15 4	0 26	21 29
T 9	16 35	17 54	5 10	15 54	0 28	13 59	1 5	1 20	1 16	22 2	0 30	15 33	2 34	15 5	0 26	21 29
W10	16 52	16 22	5 11	16 29	0 21	14 23	1 4	1 34	1 16	22 3	0 29	15 32	2 34	15 7	0 26	21 29
T 11	17 9	13 53	4 54	17 3	0 15	14 48	1 2	1 49	1 16	22 5	0 29	15 30	2 34	15 8	0 26	21 29
F 12	17 26	10 34	4 19	17 36	0 8	15 11	1 0	2 3	1 16	22 6	0 29	15 29	2 34	15 9	0 26	21 29
S 13	17 42	6 36	3 29	18 8	0 1	15 35	0 58	2 18	1 16	22 8	0 29	15 28	2 34	15 10	0 26	21 29
S 14	17 58	2 13	2 25	18 39	0s 6	15 58	0 57	2 32	1 16	22 9	0 29	15 27	2 34	15 11	0 26	21 29
M15	18 13	2s19	1 12	19 9	0 12	16 21	0 55	2 47	1 16	22 11	0 29	15 26	2 34	15 12	0 26	21 29
T 16	18 29	6 44	0n 6	19 38	0 19	16 43	0 53	3 1	1 16	22 12	0 29	15 24	2 34	15 13	0 26	21 28
W17	18 43	10 45	1 24	20 6	0 26	17 5	0 51	3 16	1 16	22 13	0 29	15 23	2 34	15 15	0 26	21 28
T 18	18 58	14 7	2 35	20 34	0 32	17 26	0 49	3 30	1 16	22 15	0 29	15 22	2 34	15 16	0 26	21 28
F 19	19 12	16 35	3 36	21 0	0 39	17 47	0 47	3 44	1 16	22 16	0 28	15 21	2 34	15 17	0 26	21 28
S 20	19 26	18 3	4 22	21 25	0 45	18 7	0 45	3 58	1 16	22 17	0 28	15 20	2 34	15 18	0 26	21 28
S 21	19 40	18 26	4 53	21 49	0 52	18 27	0 43	4 13	1 16	22 19	0 28	15 18	2 34	15 19	0 26	21 28
M22	19 53	17 50	5 8	22 12	0 58	18 47	0 41	4 27	1 16	22 20	0 28	15 17	2 34	15 20	0 26	21 27
T 23	20 6	16 20	5 7	22 33	1 4	19 6	0 39	4 41	1 16	22 21	0 28	15 16	2 34	15 21	0 26	21 27
W24	20 18	14 6	4 51	22 54	1 10	19 24	0 36	4 55	1 16	22 23	0 28	15 15	2 33	15 22	0 26	21 27
T 25	20 31	11 18	4 22	23 13	1 16	19 42	0 34	5 9	1 15	22 24	0 28	15 14	2 33	15 23	0 26	21 27
F 26	20 42	8 4	3 42	23 32	1 22	19 59	0 32	5 23	1 15	22 25	0 28	15 13	2 33	15 25	0 26	21 27
S 27	20 54	4 32	2 53	23 49	1 27	20 16	0 30	5 37	1 15	22 26	0 28	15 12	2 33	15 26	0 26	21 26
S 28	21 5	0 50	1 57	24 5	1 33	20 32	0 28	5 51	1 15	22 27	0 28	15 11	2 33	15 27	0 26	21 26
M29	21 15	2n55	0 55	24 20	1 38	20 48	0 25	6 5	1 15	22 28	0 27	15 9	2 33	15 28	0 26	21 26
T 30	21s26	6n37	0s 9	24s33	1s43	21s 3	0n23	6s19	1n15	22s30	0n27	15n 8	2s33	15s29	0n26	21s26

Julian Day Number = 2688160.5, Delta T = 23m26s

Ecliptic obliquity = 23°21'10", Nutation = 0°00'03

Ayanamsha: Fagan/Bradley = 33°48'08", Lahiri = 32°55'08

## ASTRODIENST EPHEMERIS for the year 2647

DECEMBER 2647

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	4 38 0	8♂ 9'45	29♂ 30	19♂ 54	8♂ 25	19♂ 46	19♂ 51	19°R37	13♂ 44	17♂ 1	0°R15	15°R33	13♂ 52	16♂ 9	0♂ 45	W 1
T 2	4 41 57	9°10'16	12♂ 1	21°25	9°40	20°23	20° 4	19♂ 32	13°47	17° 3	0♂ 14	15♂ 29	13°49	16°16	0°46	T 2
F 3	4 45 53	10°10'48	24°50	22°56	10°55	20°59	20°17	19°28	13°51	17° 5	0°13	15°24	13°45	16°23	0°48	F 3
S 4	4 49 50	11°11'22	7♂ 58	24°26	12°11	21°36	20°31	19°24	13°54	17° 7	0°12	15°16	13°42	16°29	0°49	S 4
S 5	4 53 46	12°11'57	21°24	25°56	13°26	22°12	20°44	19°19	13°58	17° 9	0°11	15° 6	13°39	16°36	0°51	S 5
M 6	4 57 43	13°12'34	5♂ 6	27°26	14°41	22°49	20°57	19°15	14° 1	17°11	0°10	14°56	13°36	16°43	0°53	M 6
T 7	5 1 40	14°13'12	19° 0	28°56	15°57	23°25	21°11	19°11	14° 5	17°13	0° 9	14°46	13°33	16°49	0°54	T 7
W 8	5 5 36	15°13'52	3♂ 2	0♂ 25	17°12	24° 1	21°24	19° 7	14° 8	17°15	0° 8	14°38	13°29	16°56	0°56	W 8
T 9	5 9 33	16°14'33	17° 8	1°54	18°28	24°38	21°38	19° 3	14°11	17°17	0° 7	14°32	13°26	17° 3	0°58	T 9
F 10	5 13 29	17°15'15	1♂ 16	3°22	19°43	25°14	21°51	18°59	14°15	17°19	0° 6	14°28	13°23	17° 9	1° 0	F 10
S 11	5 17 26	18°15'59	15°23	4°50	20°58	25°50	22° 5	18°55	14°18	17°21	0° 4	14°D27	13°20	17°16	1° 2	S 11
S 12	5 21 22	19°16'45	29°29	6°17	22°14	26°26	22°18	18°51	14°21	17°23	0° 3	14°28	13°17	17°23	1° 4	S 12
M13	5 25 19	20°17'32	13♂ 31	7°43	23°29	27° 3	22°32	18°47	14°25	17°25	0° 2	14°R28	13°14	17°29	1° 6	M13
T 14	5 29 15	21°18'21	27°30	9° 9	24°45	27°39	22°45	18°44	14°28	17°27	0° 1	14°27	13°10	17°36	1° 8	T 14
W15	5 33 12	22°19'11	11♂ 25	10°33	26° 0	28°15	22°59	18°40	14°31	17°29	29♂ 59	14°24	13° 7	17°43	1°10	W15
T 16	5 37 9	23°20'03	25°12	11°57	27°15	28°51	23°12	18°37	14°34	17°31	29°59	14°19	13° 4	17°49	1°12	T 16
F 17	5 41 5	24°20'55	8♂ 51	13°19	28°31	29°27	23°26	18°33	14°37	17°33	29°57	14°10	13° 1	17°56	1°14	F 17
S 18	5 45 2	25°21'49	22°17	14°40	29°46	0♂ 3	23°39	18°30	14°40	17°35	29°56	13°59	12°58	18° 3	1°17	S 18
S 19	5 48 58	26°22'44	5♂ 30	15°59	1♂ 2	0°39	23°53	18°26	14°43	17°37	29°55	13°46	12°55	18° 9	1°19	S 19
M20	5 52 55	27°23'40	18°25	17°17	2°17	1°15	24° 6	18°23	14°47	17°40	29°54	13°33	12°51	18°16	1°21	M20
T 21	5 56 51	28°24'36	1♂ 4	18°31	3°33	1°51	24°20	18°20	14°50	17°42	29°53	13°21	12°48	18°23	1°24	T 21
W22	6 0 48	29°25'34	13°26	19°44	4°48	2°27	24°33	18°17	14°52	17°44	29°52	13°11	12°45	18°29	1°26	W22
T 23	6 4 44	0♂ 26'32	25°33	20°53	6° 3	3° 2	24°47	18°14	14°55	17°46	29°50	13° 3	12°42	18°36	1°29	T 23
F 24	6 8 41	1°27'30	7♂ 30	21°58	7°19	3°38	25° 0	18°11	14°58	17°48	29°49	12°58	12°39	18°43	1°32	F 24
S 25	6 12 38	2°28'29	19°19	22°59	8°34	4°14	25°14	18° 9	15° 1	17°51	29°48	12°56	12°35	18°49	1°34	S 25
S 26	6 16 34	3°29'29	1♂ 7	23°56	9°50	4°50	25°27	18° 6	15° 4	17°53	29°47	12°D55	12°32	18°56	1°37	S 26
M27	6 20 31	4°30'29	12°58	24°47	11° 5	5°25	25°41	18° 3	15° 7	17°55	29°46	12°R55	12°29	19° 3	1°40	M27
T 28	6 24 27	5°31'30	24°59	25°32	12°21	6° 1	25°54	18° 1	15°10	17°57	29°45	12°55	12°26	19° 9	1°43	T 28
W29	6 28 24	6°32'31	7♂ 15	26° 9	13°36	6°37	26° 8	17°58	15°12	17°59	29°44	12°53	12°23	19°16	1°46	W29
T 30	6 32 20	7°33'32	19°50	26°39	14°51	7°12	26°21	17°56	15°15	18° 2	29°42	12°48	12°20	19°23	1°49	T 30
F 31	6 36 17	8♂ 34'34	2♂ 47	27♂ 0	16♂ 7	7♂ 48	26♂ 34	17♂ 54	15♂ 18	18♂ 4	29♂ 41	12♂ 41	12♂ 16	19♂ 29	1♂ 52	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	21s35	10n 6	1s14	24s45	1s48	21s17	0n21	6s33	1n15	22s31	0n27	15n 7	2s33	15s30	0n26	21s26	0n51	14n37	8s44	6s 6	5s27	3s14	5s52	5n40					
T 2	21 45	13 12	2 17	24 56	1 52	21 31	0 18	6 46	1 15	22 32	0 27	15 6	2 32	15 31	0 26	21 25	0 51	14 37	8 44	6 5	5 26	3 12	5 52	5 39					
F 3	21 54	15 45	3 15	25 6	1 56	21 44	0 16	7 0	1 15	22 33	0 27	15 5	2 32	15 32	0 26	21 25	0 51	14 37	8 44	6 2	5 24	3 10	5 51	5 39					
S 4	22 2	17 33	4 3	25 14	2 0	21 57	0 14	7 14	1 15	22 34	0 27	15 4	2 32	15 33	0 26	21 25	0 51	14 37	8 44	5 59	5 23	3 8	5 51	5 39					
S 5	22 10	18 26	4 39	25 22	2 4	22 9	0 11	7 27	1 15	22 35	0 27	15 3	2 32	15 34	0 26	21 25	0 51	14 37	8 44	5 56	5 22	3 6	5 51	5 38					
M 6	22 18	18 15	5 0	25 27	2 8	22 20	0 9	7 41	1 15	22 36	0 27	15 2	2 32	15 35	0 26	21 25	0 51	14 37	8 44	5 52	5 21	3 5	5 51	5 38					
T 7	22 25	17 0	5 4	25 32	2 11	22 30	0 6	7 54	1 15	22 37	0 27	15 1	2 32	15 36	0 26	21 24	0 51	14 37	8 44	5 48	5 20	3 3	5 51	5 37					
W 8	22 32	14 43	4 49	25 35	2 14	22 40	0 4	8 8	1 15	22 38	0 27	15 0	2 31	15 37	0 26	21 24	0 51	14 37	8 44	5 45	5 18	3 1	5 51	5 37					
T 9	22 39	11 33	4 17	25 37	2 16	22 50	0 2	8 21	1 15	22 39	0 27	15 0	2 31	15 38	0 26	21 24	0 51	14 37	8 44	5 42	5 17	2 59	5 50	5 37					
F 10	22 45	7 43	3 29	25 37	2 18	22 58	0s 1	8 34	1 15	22 40	0 26	14 59	2 31	15 39	0 26	21 24	0 51	14 37	8 44	5 41	5 16	2 57	5 50	5 36					
S 11	22 50	3 27	2 29	25 36	2 20	23 6	0 3	8 47	1 14	22 41	0 26	14 58	2 31	15 40	0 26	21 23	0 51	14 37	8 44	5 41	5 15	2 55	5 50	5 36					
S 12	22 55	1s 0	1 19	25 34	2 22	23 13	0 6	9 1	1 14	22 42	0 26	14 57	2 31	15 41	0 26	21 23	0 51	14 37	8 44	5 41	5 13	2 54	5 49	5 35					
M13	23 0	5 24	0 5	25 30	2 22	23 20	0 8	9 14	1 14	22 42	0 26	14 56	2 31	15 42	0 26	21 23	0 51	14 37	8 44	5 41	5 12	2 52	5 49	5 35					
T 14	23 4	9 29	1n 9	25 25	2 23	23 25	0 10	9 27	1 14	22 43	0 26	14 55	2 30	15 43	0 26	21 23	0 51	14 37	8 44	5 41	5 11	2 50	5 49	5 35					
W15	23 8	13 0	2 18	25 18	2 23	23 30	0 13	9 39	1 14	22 44	0 26	14 55	2 30	15 44	0 26	21 22	0 51	14 37	8 44	5 40	5 10	2 48	5 48	5 34					
T 16	23 11	15 47	3 19	25 11	2 22	23 35	0 15	9 52	1 14	22 45	0 26	14 54	2 30	15 45	0 26	21 22	0 51	14 37	8 44	5 37	5 9	2 46	5 48	5 34					
F 17	23 14	17 38	4 7	25 2	2 21	23 38	0 18	10 5	1 14	22 46	0 26	14 53	2 30	15 46	0 26	21 22	0 51	14 37	8 44	5 34	5 7	2 44	5 47	5 33					
S 18	23 16	18 28	4 40	24 51	2 19	23 41	0 20	10 18	1 14	22 46	0 26	14 52	2 30	15 46	0 26	21 22	0 51	14 37	8 44	5 30	5 6	2 42	5 47	5 33					
S 19	23 18	18 16	4 58	24 40	2 17	23 43	0 22	10 30	1 14	22 47	0 26	14 52	2 29	15 47	0 26	21 21	0 51	14 37	8 44	5 25	5 5	2 41	5 47	5 33					
M20	23 20	17 8	5 0	24 27	2 14	23 45	0 25	10 43	1 14	22 48	0 26	14 51	2 29	15 48	0 26	21 21	0 51	14 37	8 44	5 20	5 4	2 39	5 46	5 32					
T 21	23 21	15 10	4 47	24 13	2 10	23 45	0 27	10 55	1 13	22 48	0 26	14 50	2 29	15 49	0 26	21 21	0 51	14 37	8 44	5 15	5 2	2 37	5 46	5 32					
W22	23 21	12 33	4 21	23 58	2 5	23 45	0 29	11 8	1 13	22 49	0 25	14 50	2 29	15 50	0 26	21 21	0 51	14 37	8 44	5 11	5 1	2 35	5 45	5 32					
T 23	23 21	9 27	3 43	23 42	1 59	23 44	0 31	11 20	1 13	22 50	0 25	14 49	2 28	15 51	0 26	21 20	0 51	14 38	8 44	5 8	5 0	2 33	5 44	5 31					
F 24	23 21	6 0	2 56	23 26	1 53	23 43	0 34	11 32	1 13	22 50	0 25	14 49	2 28	15 52	0 26	21 20	0 51	14 38	8 44	5 6	4 59	2 31	5 44	5 31					
S 25	23 20	2 21	2 2	23 8	1 45	23 41	0 36	11 44	1 13	22 51	0 25	14 48	2 28	15 52	0 26	21 20	0 51	14 38	8 44	5 5	4 57	2 30	5 43	5 31					
S 26	23 18	1n24	1 2	22 50	1 37	23 38	0 38	11 57	1 13	22 51	0 25	14 48	2 28	15 53	0 26	21 20	0 51	14 38	8 43	5 5	4 56	2 28	5 43	5 30					
M27	23 17	5 6	0s 0	22 31	1 27	23 34	0 40	12 8	1 13	22 52	0 25	14 47	2 27	15 54	0 26	21 19	0 51	14 38	8 43	5 5	4 55	2 26	5 42	5 30					
T 28	23 14	8 39	1 4	22 13	1 16	23 29	0 43	12 20	1 12	22 52	0 25	14 47	2 27	15 55	0 26	21 19	0 51	14 38	8 43	5 5	4 54	2 24	5 41	5 30					
W29	23 11	11 54	2 5	21 54	1 4	23 24	0 45	12 32	1 12	22 53	0 25	14 46	2 27	15 56	0 26	21 19	0 51	14 38	8 43	5 4	4 52	2 22	5 41	5 29					
T 30	23 8	14 42	3 2	21 35	0 51	23 18	0 47	12 44	1 12	22 53	0 25	14 46	2 27	15 56	0 26	21 18	0 51	14 38	8 43	5 2	4 51	2 20	5 40	5 29					
F 31	23s 5	16n51	3s51	21s17	0s37	23s12	0s49	12s55	1n12	22s54	0n25	14n46	2s26	15s57	0n26	21s18	0n51	14n38	8s43	5s 0	4s50	2s19	5s39	5n29					

## ASTRODIENST EPHEMERIS for the year 2648

JANUARY 2648

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 40 13	9°35'36	16°11' 9	27°11	17°22	8°23	26°48	17°R52	15°M20	18°36	29°R40	12°R31	12°13	19°K36	1°K55	S 1
S 2	6 44 10	10°36'39	29°55	27°R11	18°38	8°58	27° 1	17°R50	15°23	18° 8	29°R39	12°19	12°10	19°43	1°58	S 2
M 3	6 48 7	11°37'42	14°28 2	27° 1	19°53	9°34	27°14	17°48	15°25	18°11	29°38	12° 7	12° 7	19°49	2° 1	M 3
T 4	6 52 3	12°38'45	28°23	26°38	21° 8	10° 9	27°28	17°46	15°28	18°13	29°37	11°54	12° 4	19°56	2° 4	T 4
W 5	6 56 0	13°39'49	12°54	26° 4	22°24	10°44	27°41	17°45	15°30	18°15	29°36	11°44	12° 1	20° 2	2° 7	W 5
T 6	6 59 56	14°40'54	27°26	25°18	23°39	11°20	27°54	17°43	15°33	18°17	29°34	11°36	11°57	20° 9	2°10	T 6
F 7	7 3 53	15°41'59	11°55	24°22	24°55	11°55	28° 8	17°42	15°35	18°20	29°33	11°31	11°54	20°16	2°14	F 7
S 8	7 7 49	16°43'05	26°15	23°16	26°10	12°30	28°21	17°40	15°37	18°22	29°32	11°28	11°51	20°22	2°17	S 8
S 9	7 11 46	17°44'11	10°24	22° 3	27°25	13° 5	28°34	17°39	15°39	18°24	29°31	11°28	11°48	20°29	2°20	S 9
M10	7 15 42	18°45'17	24°22	20°44	28°41	13°40	28°47	17°38	15°42	18°27	29°30	11°28	11°45	20°36	2°24	M10
T 11	7 19 39	19°46'25	8°18 8	19°22	29°56	14°15	29° 0	17°37	15°44	18°29	29°29	11°27	11°41	20°42	2°27	T 11
W12	7 23 36	20°47'32	21°43	18° 1	18°12	14°50	29°13	17°36	15°46	18°31	29°28	11°24	11°38	20°49	2°31	W12
T 13	7 27 32	21°48'41	5°17 7	16°42	2°27	15°25	29°26	17°35	15°48	18°33	29°27	11°18	11°35	20°56	2°34	T 13
F 14	7 31 29	22°49'49	18°21	15°28	3°42	16° 0	29°39	17°34	15°50	18°36	29°26	11° 9	11°32	21° 2	2°38	F 14
S 15	7 35 25	23°50'58	1°32 4	14°21	4°58	16°34	29°52	17°34	15°52	18°38	29°25	10°57	11°29	21° 9	2°41	S 15
S 16	7 39 22	24°52'07	14°15	13°22	6°13	17° 9	0°35	17°33	15°54	18°40	29°24	10°44	11°26	21°16	2°45	S 16
M17	7 43 18	25°53'15	26°54	12°33	7°28	17°44	0°18	17°33	15°56	18°42	29°23	10°30	11°22	21°22	2°49	M17
T 18	7 47 15	26°54'24	9°20 20	11°54	8°44	18°18	0°31	17°33	15°58	18°45	29°21	10°17	11°19	21°29	2°52	T 18
W19	7 51 11	27°55'33	21°33	11°25	9°59	18°53	0°44	17°33	15°59	18°47	29°20	10° 6	11°16	21°36	2°56	W19
T 20	7 55 8	28°56'41	3°K36	11° 6	11°14	19°27	0°57	17°D33	16° 1	18°49	29°19	9°57	11°13	21°42	3° 0	T 20
F 21	7 59 5	29°57'49	15°29	10°57	12°30	20° 2	1° 9	17°33	16° 3	18°51	29°18	9°52	11°10	21°49	3° 4	F 21
S 22	8 3 1	0°58'56	27°17	10°D56	13°45	20°36	1°22	17°33	16° 4	18°54	29°18	9°49	11° 7	21°56	3° 7	S 22
S 23	8 6 58	2° 0'03	9°Y 3	11° 4	15° 0	21°10	1°35	17°33	16° 6	18°56	29°17	9°D48	11° 3	22° 2	3°11	S 23
M24	8 10 54	3° 1'10	20°53	11°20	16°16	21°44	1°47	17°34	16° 8	18°58	29°16	9°48	11° 0	22° 9	3°15	M24
T 25	8 14 51	4° 2'16	2°51	11°43	17°31	22°18	2° 0	17°34	16° 9	19° 0	29°15	9°R49	10°57	22°16	3°19	T 25
W26	8 18 47	5° 3'21	15° 4	12°12	18°46	22°52	2°12	17°35	16°10	19° 3	29°14	9°48	10°54	22°22	3°23	W26
T 27	8 22 44	6° 4'25	27°36	12°47	20° 1	23°26	2°25	17°36	16°12	19° 5	29°13	9°46	10°51	22°29	3°27	T 27
F 28	8 26 40	7° 5'29	10°I33	13°28	21°17	24° 0	2°37	17°36	16°13	19° 7	29°12	9°41	10°47	22°36	3°31	F 28
S 29	8 30 37	8° 6'33	23°57	14°13	22°32	24°34	2°49	17°37	16°14	19° 9	29°11	9°34	10°44	22°42	3°35	S 29
S 30	8 34 34	9° 7'35	7°549	15° 2	23°47	25° 8	3° 1	17°39	16°16	19°11	29°10	9°25	10°41	22°49	3°39	S 30
M31	8 38 30	10°8'37	22°28 8	15°55	25°22	25°M41	3°14	17°R40	16°M17	19°313	29°II 9	9°15	10°438	22°K55	3°K43	M31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	23s 0	18n10	4s30	21s 0	0s21	23s 4	0s51	13s 7	1n12	22s54	0n25	14n45	2s26	15s58	0n26	21s18
S 2	22 56	18 28	4 53	20 43	0 4	22 56	0 53	13 18	1 12	22 54	0 25	14 45	2 26	15 59	0 26	21 18
M 3	22 51	17 38	5 0	20 27	0n14	22 47	0 55	13 30	1 11	22 55	0 25	14 45	2 26	15 59	0 26	21 17
T 4	22 45	15 42	4 48	20 13	0 32	22 38	0 57	13 41	1 11	22 55	0 25	14 44	2 25	16 0	0 26	21 17
W 5	22 39	12 45	4 18	20 1	0 52	22 28	0 59	13 52	1 11	22 55	0 25	14 44	2 25	16 1	0 26	21 17
T 6	22 33	9 1	3 30	19 50	1 11	22 17	1 1	14 3	1 11	22 56	0 24	14 44	2 25	16 1	0 26	21 16
F 7	22 26	4 46	2 29	19 41	1 31	22 6	1 2	14 14	1 11	22 56	0 24	14 44	2 24	16 2	0 26	21 16
S 8	22 19	0 16	1 20	19 33	1 50	21 53	1 4	14 25	1 10	22 56	0 24	14 44	2 24	16 3	0 26	21 16
S 9	22 11	4s12	0 6	19 27	2 8	21 41	1 6	14 36	1 10	22 56	0 24	14 44	2 24	16 3	0 26	21 16
M10	22 3	8 22	1n 8	19 23	2 24	21 27	1 8	14 46	1 10	22 57	0 24	14 44	2 24	16 4	0 26	21 15
T 11	21 54	12 1	2 16	19 20	2 39	21 13	1 9	14 57	1 10	22 57	0 24	14 44	2 23	16 5	0 26	21 15
W12	21 45	14 58	3 16	19 19	2 51	20 58	1 11	15 7	1 9	22 57	0 24	14 44	2 23	16 5	0 26	21 15
T 13	21 36	17 5	4 4	19 19	3 1	20 43	1 12	15 18	1 9	22 57	0 24	14 44	2 23	16 6	0 26	21 14
F 14	21 26	18 14	4 38	19 20	3 9	20 27	1 14	15 28	1 9	22 57	0 24	14 44	2 22	16 6	0 26	21 14
S 15	21 15	18 24	4 57	19 23	3 13	20 10	1 15	15 38	1 9	22 57	0 24	14 44	2 22	16 7	0 26	21 14
S 16	21 5	17 37	5 0	19 26	3 16	19 53	1 17	15 48	1 8	22 57	0 24	14 44	2 22	16 7	0 26	21 13
M17	20 54	15 58	4 49	19 30	3 16	19 35	1 18	15 58	1 8	22 57	0 24	14 44	2 22	16 8	0 26	21 13
T 18	20 42	13 37	4 24	19 36	3 14	19 17	1 19	16 8	1 8	22 57	0 24	14 45	2 21	16 9	0 26	21 13
W19	20 30	10 41	3 47	19 42	3 11	18 58	1 20	16 17	1 8	22 57	0 24	14 45	2 21	16 9	0 26	21 13
T 20	20 18	7 21	3 0	19 48	3 6	18 39	1 22	16 27	1 7	22 57	0 24	14 45	2 21	16 10	0 26	21 12
F 21	20 5	3 46	2 6	19 55	3 0	18 19	1 23	16 36	1 7	22 57	0 24	14 45	2 20	16 10	0 26	21 12
S 22	19 52	0 4	1 6	20 2	2 53	17 58	1 24	16 46	1 7	22 57	0 23	14 46	2 20	16 10	0 26	21 12
S 23	19 39	3n38	0 4	20 10	2 45	17 37	1 25	16 55	1 6	22 57	0 23	14 46	2 20	16 11	0 26	21 11
M24	19 25	7 13	0s59	20 17	2 36	17 16	1 26	17 4	1 6	22 57	0 23	14 47	2 20	16 11	0 26	21 11
T 25	19 11	10 32	2 0	20 24	2 27	16 54	1 26	17 13	1 6	22 57	0 23	14 47	2 19	16 12	0 26	21 11
W26	18 56	13 29	2 57	20 31	2 17	16 32	1 27	17 22	1 5	22 57	0 23	14 47	2 19	16 12	0 26	21 10
T 27	18 41	15 52	3 47	20 38	2 7	16 9	1 28	17 31	1 5	22 57	0 23	14 48	2 19	16 12	0 26	21 10
F 28	18 26	17 33	4 27	20 44	1 57	15 45	1 29	17 39	1 5	22 56	0 23	14 48	2 18	16 13	0 26	21 10
S 29	18 10	18 20	4 54	20 49	1 47	15 22	1 29	17 48	1 4	22 56	0 23	14 49	2 18	16 13	0 26	21 10
S 30	17 55	18 3	5 5	20 54	1 37	14 57	1 30	17 56	1 4	22 56	0 23	14 50	2 18	16 13	0 26	21 9
M31	17s38	16n39	4s57	20s58	1n27	14s33	1s30	18s 5	1n 4	22s56	0n23	14n50	2s18	16s14	0n26	21s 9

Julian Day Number = 2688221.5, Delta T = 23m27s

Ecliptic obliquity = 23°21'09, Nutation = 0°00'04

Ayanamsha: Fagan/Bradley = 33°48'17, Lahiri = 32°55'17

## ASTRODIENST EPHEMERIS for the year 2648

FEBRUARY 2648

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 42 27	11 <sup>h</sup> 9 <sup>m</sup> 38 <sup>s</sup>	6 <sup>h</sup> 47 <sup>m</sup>	16 <sup>h</sup> 35 <sup>m</sup> 52 <sup>s</sup>	26 <sup>h</sup> 17 <sup>m</sup>	26 <sup>h</sup> 15 <sup>m</sup>	3 <sup>h</sup> 26 <sup>m</sup>	17 <sup>h</sup> 41 <sup>m</sup>	16 <sup>h</sup> 18 <sup>m</sup>	19 <sup>h</sup> 16 <sup>m</sup>	29 <sup>h</sup> 8 <sup>m</sup>	9 <sup>h</sup> 5 <sup>m</sup>	10 <sup>h</sup> 35 <sup>m</sup>	23 <sup>h</sup> 1 <sup>m</sup> 2 <sup>s</sup>	3 <sup>h</sup> 47 <sup>m</sup>	T 1
W 2	8 46 23	12 <sup>h</sup> 10 <sup>m</sup> 38 <sup>s</sup>	21 <sup>h</sup> 41 <sup>m</sup>	17 <sup>h</sup> 52 <sup>m</sup>	27 <sup>h</sup> 33 <sup>m</sup>	26 <sup>h</sup> 49 <sup>m</sup>	3 <sup>h</sup> 38 <sup>m</sup>	17 <sup>h</sup> 43 <sup>m</sup>	16 <sup>h</sup> 19 <sup>m</sup>	19 <sup>h</sup> 18 <sup>m</sup>	29 <sup>h</sup> 8 <sup>m</sup>	8 <sup>h</sup> 57 <sup>m</sup>	10 <sup>h</sup> 32 <sup>m</sup>	23 <sup>h</sup> 9 <sup>m</sup>	3 <sup>h</sup> 51 <sup>m</sup>	W 2
T 3	8 50 20	13 <sup>h</sup> 11 <sup>m</sup> 38 <sup>s</sup>	6 <sup>h</sup> 39 <sup>m</sup>	18 <sup>h</sup> 55 <sup>m</sup>	28 <sup>h</sup> 48 <sup>m</sup>	27 <sup>h</sup> 22 <sup>m</sup>	3 <sup>h</sup> 50 <sup>m</sup>	17 <sup>h</sup> 44 <sup>m</sup>	16 <sup>h</sup> 20 <sup>m</sup>	19 <sup>h</sup> 20 <sup>m</sup>	29 <sup>h</sup> 7 <sup>m</sup>	8 <sup>h</sup> 51 <sup>m</sup>	10 <sup>h</sup> 28 <sup>m</sup>	23 <sup>h</sup> 15 <sup>m</sup>	3 <sup>h</sup> 55 <sup>m</sup>	T 3
F 4	8 54 16	14 <sup>h</sup> 12 <sup>m</sup> 37 <sup>s</sup>	21 <sup>h</sup> 33 <sup>m</sup>	20 <sup>h</sup> 0 <sup>m</sup>	0 <sup>h</sup> 3 <sup>m</sup>	27 <sup>h</sup> 55 <sup>m</sup>	4 <sup>h</sup> 2 <sup>m</sup>	17 <sup>h</sup> 46 <sup>m</sup>	16 <sup>h</sup> 21 <sup>m</sup>	19 <sup>h</sup> 22 <sup>m</sup>	29 <sup>h</sup> 6 <sup>m</sup>	8 <sup>h</sup> 47 <sup>m</sup>	10 <sup>h</sup> 25 <sup>m</sup>	23 <sup>h</sup> 22 <sup>m</sup>	3 <sup>h</sup> 59 <sup>m</sup>	F 4
S 5	8 58 13	15 <sup>h</sup> 13 <sup>m</sup> 36 <sup>s</sup>	6 <sup>h</sup> 16 <sup>m</sup>	21 <sup>h</sup> 8 <sup>m</sup>	1 <sup>h</sup> 18 <sup>m</sup>	28 <sup>h</sup> 29 <sup>m</sup>	4 <sup>h</sup> 13 <sup>m</sup>	17 <sup>h</sup> 47 <sup>m</sup>	16 <sup>h</sup> 22 <sup>m</sup>	19 <sup>h</sup> 24 <sup>m</sup>	29 <sup>h</sup> 5 <sup>m</sup>	8 <sup>h</sup> 46 <sup>m</sup>	10 <sup>h</sup> 22 <sup>m</sup>	23 <sup>h</sup> 29 <sup>m</sup>	4 <sup>h</sup> 3 <sup>m</sup>	S 5
S 6	9 2 9	16 <sup>h</sup> 14 <sup>m</sup> 34 <sup>s</sup>	20 <sup>h</sup> 43 <sup>m</sup>	22 <sup>h</sup> 17 <sup>m</sup>	2 <sup>h</sup> 33 <sup>m</sup>	29 <sup>h</sup> 2 <sup>m</sup>	4 <sup>h</sup> 25 <sup>m</sup>	17 <sup>h</sup> 49 <sup>m</sup>	16 <sup>h</sup> 22 <sup>m</sup>	19 <sup>h</sup> 26 <sup>m</sup>	29 <sup>h</sup> 5 <sup>m</sup>	8 <sup>h</sup> 46 <sup>m</sup>	10 <sup>h</sup> 19 <sup>m</sup>	23 <sup>h</sup> 35 <sup>m</sup>	4 <sup>h</sup> 8 <sup>m</sup>	S 6
M 7	9 6 6	17 <sup>h</sup> 15 <sup>m</sup> 32 <sup>s</sup>	4 <sup>h</sup> 15 <sup>m</sup>	23 <sup>h</sup> 29 <sup>m</sup>	3 <sup>h</sup> 48 <sup>m</sup>	29 <sup>h</sup> 35 <sup>m</sup>	4 <sup>h</sup> 37 <sup>m</sup>	17 <sup>h</sup> 51 <sup>m</sup>	16 <sup>h</sup> 23 <sup>m</sup>	19 <sup>h</sup> 28 <sup>m</sup>	29 <sup>h</sup> 4 <sup>m</sup>	8 <sup>h</sup> 47 <sup>m</sup>	10 <sup>h</sup> 16 <sup>m</sup>	23 <sup>h</sup> 42 <sup>m</sup>	4 <sup>h</sup> 12 <sup>m</sup>	M 7
T 8	9 10 3	18 <sup>h</sup> 16 <sup>m</sup> 29 <sup>s</sup>	18 <sup>h</sup> 39 <sup>m</sup>	24 <sup>h</sup> 42 <sup>m</sup>	5 <sup>h</sup> 3 <sup>m</sup>	0 <sup>h</sup> 3 <sup>m</sup>	4 <sup>h</sup> 48 <sup>m</sup>	17 <sup>h</sup> 53 <sup>m</sup>	16 <sup>h</sup> 24 <sup>m</sup>	19 <sup>h</sup> 30 <sup>m</sup>	29 <sup>h</sup> 3 <sup>m</sup>	8 <sup>h</sup> 48 <sup>m</sup>	10 <sup>h</sup> 12 <sup>m</sup>	23 <sup>h</sup> 49 <sup>m</sup>	4 <sup>h</sup> 16 <sup>m</sup>	T 8
W 9	9 13 59	19 <sup>h</sup> 17 <sup>m</sup> 26 <sup>s</sup>	2 <sup>h</sup> 3 <sup>m</sup> 8 <sup>s</sup>	25 <sup>h</sup> 58 <sup>m</sup>	6 <sup>h</sup> 18 <sup>m</sup>	0 <sup>h</sup> 41 <sup>m</sup>	5 <sup>h</sup> 0 <sup>m</sup>	17 <sup>h</sup> 56 <sup>m</sup>	16 <sup>h</sup> 25 <sup>m</sup>	19 <sup>h</sup> 32 <sup>m</sup>	29 <sup>h</sup> 2 <sup>m</sup>	8 <sup>h</sup> 47 <sup>m</sup>	10 <sup>h</sup> 9 <sup>m</sup>	23 <sup>h</sup> 55 <sup>m</sup>	4 <sup>h</sup> 20 <sup>m</sup>	W 9
T 10	9 17 56	20 <sup>h</sup> 18 <sup>m</sup> 22 <sup>s</sup>	15 <sup>h</sup> 20 <sup>m</sup>	27 <sup>h</sup> 14 <sup>m</sup>	7 <sup>h</sup> 33 <sup>m</sup>	1 <sup>h</sup> 14 <sup>m</sup>	5 <sup>h</sup> 11 <sup>m</sup>	17 <sup>h</sup> 58 <sup>m</sup>	16 <sup>h</sup> 25 <sup>m</sup>	19 <sup>h</sup> 34 <sup>m</sup>	29 <sup>h</sup> 2 <sup>m</sup>	8 <sup>h</sup> 44 <sup>m</sup>	10 <sup>h</sup> 6 <sup>m</sup>	24 <sup>h</sup> 2 <sup>m</sup>	4 <sup>h</sup> 24 <sup>m</sup>	T 10
F 11	9 21 52	21 <sup>h</sup> 19 <sup>m</sup> 17 <sup>s</sup>	28 <sup>h</sup> 18 <sup>m</sup>	28 <sup>h</sup> 32 <sup>m</sup>	8 <sup>h</sup> 48 <sup>m</sup>	1 <sup>h</sup> 46 <sup>m</sup>	5 <sup>h</sup> 23 <sup>m</sup>	18 <sup>h</sup> 0 <sup>m</sup>	16 <sup>h</sup> 26 <sup>m</sup>	19 <sup>h</sup> 36 <sup>m</sup>	29 <sup>h</sup> 1 <sup>m</sup>	8 <sup>h</sup> 39 <sup>m</sup>	10 <sup>h</sup> 3 <sup>m</sup>	24 <sup>h</sup> 9 <sup>m</sup>	4 <sup>h</sup> 29 <sup>m</sup>	F 11
S 12	9 25 49	22 <sup>h</sup> 20 <sup>m</sup> 12 <sup>s</sup>	11 <sup>h</sup> 3 <sup>m</sup>	29 <sup>h</sup> 52 <sup>m</sup>	10 <sup>h</sup> 3 <sup>m</sup>	2 <sup>h</sup> 19 <sup>m</sup>	5 <sup>h</sup> 34 <sup>m</sup>	18 <sup>h</sup> 3 <sup>m</sup>	16 <sup>h</sup> 26 <sup>m</sup>	19 <sup>h</sup> 38 <sup>m</sup>	29 <sup>h</sup> 0 <sup>m</sup>	8 <sup>h</sup> 32 <sup>m</sup>	10 <sup>h</sup> 0 <sup>m</sup>	24 <sup>h</sup> 15 <sup>m</sup>	4 <sup>h</sup> 33 <sup>m</sup>	S 12
S 13	9 29 45	23 <sup>h</sup> 21 <sup>m</sup> 06 <sup>s</sup>	23 <sup>h</sup> 33 <sup>m</sup>	1 <sup>h</sup> 12 <sup>m</sup>	11 <sup>h</sup> 18 <sup>m</sup>	2 <sup>h</sup> 52 <sup>m</sup>	5 <sup>h</sup> 45 <sup>m</sup>	18 <sup>h</sup> 5 <sup>m</sup>	16 <sup>h</sup> 27 <sup>m</sup>	19 <sup>h</sup> 40 <sup>m</sup>	29 <sup>h</sup> 0 <sup>m</sup>	8 <sup>h</sup> 24 <sup>m</sup>	9 <sup>h</sup> 57 <sup>m</sup>	24 <sup>h</sup> 22 <sup>m</sup>	4 <sup>h</sup> 37 <sup>m</sup>	S 13
M14	9 33 42	24 <sup>h</sup> 21 <sup>m</sup> 59 <sup>s</sup>	5 <sup>h</sup> 54 <sup>m</sup>	2 <sup>h</sup> 34 <sup>m</sup>	12 <sup>h</sup> 33 <sup>m</sup>	3 <sup>h</sup> 24 <sup>m</sup>	5 <sup>h</sup> 56 <sup>m</sup>	18 <sup>h</sup> 8 <sup>m</sup>	16 <sup>h</sup> 27 <sup>m</sup>	19 <sup>h</sup> 42 <sup>m</sup>	28 <sup>h</sup> 59 <sup>m</sup>	8 <sup>h</sup> 15 <sup>m</sup>	9 <sup>h</sup> 53 <sup>m</sup>	24 <sup>h</sup> 29 <sup>m</sup>	4 <sup>h</sup> 41 <sup>m</sup>	M14
T 15	9 37 38	25 <sup>h</sup> 22 <sup>m</sup> 51 <sup>s</sup>	18 <sup>h</sup> 5 <sup>m</sup>	3 <sup>h</sup> 57 <sup>m</sup>	13 <sup>h</sup> 48 <sup>m</sup>	3 <sup>h</sup> 56 <sup>m</sup>	6 <sup>h</sup> 7 <sup>m</sup>	18 <sup>h</sup> 11 <sup>m</sup>	16 <sup>h</sup> 27 <sup>m</sup>	19 <sup>h</sup> 44 <sup>m</sup>	28 <sup>h</sup> 59 <sup>m</sup>	8 <sup>h</sup> 6 <sup>m</sup>	9 <sup>h</sup> 50 <sup>m</sup>	24 <sup>h</sup> 35 <sup>m</sup>	4 <sup>h</sup> 46 <sup>m</sup>	T 15
W16	9 41 35	26 <sup>h</sup> 23 <sup>m</sup> 42 <sup>s</sup>	0 <sup>h</sup> 3 <sup>m</sup> 8 <sup>s</sup>	5 <sup>h</sup> 21 <sup>m</sup>	15 <sup>h</sup> 3 <sup>m</sup>	4 <sup>h</sup> 29 <sup>m</sup>	6 <sup>h</sup> 18 <sup>m</sup>	18 <sup>h</sup> 14 <sup>m</sup>	16 <sup>h</sup> 28 <sup>m</sup>	19 <sup>h</sup> 46 <sup>m</sup>	28 <sup>h</sup> 58 <sup>m</sup>	7 <sup>h</sup> 59 <sup>m</sup>	9 <sup>h</sup> 47 <sup>m</sup>	24 <sup>h</sup> 42 <sup>m</sup>	4 <sup>h</sup> 50 <sup>m</sup>	W16
T 17	9 45 32	27 <sup>h</sup> 24 <sup>m</sup> 31 <sup>s</sup>	12 <sup>h</sup> 3 <sup>m</sup>	6 <sup>h</sup> 46 <sup>m</sup>	16 <sup>h</sup> 18 <sup>m</sup>	5 <sup>h</sup> 1 <sup>m</sup>	6 <sup>h</sup> 29 <sup>m</sup>	18 <sup>h</sup> 17 <sup>m</sup>	16 <sup>h</sup> 28 <sup>m</sup>	19 <sup>h</sup> 48 <sup>m</sup>	28 <sup>h</sup> 57 <sup>m</sup>	7 <sup>h</sup> 54 <sup>m</sup>	9 <sup>h</sup> 44 <sup>m</sup>	24 <sup>h</sup> 49 <sup>m</sup>	4 <sup>h</sup> 54 <sup>m</sup>	T 17
F 18	9 49 28	28 <sup>h</sup> 25 <sup>m</sup> 20 <sup>s</sup>	23 <sup>h</sup> 52 <sup>m</sup>	8 <sup>h</sup> 12 <sup>m</sup>	17 <sup>h</sup> 33 <sup>m</sup>	5 <sup>h</sup> 33 <sup>m</sup>	6 <sup>h</sup> 40 <sup>m</sup>	18 <sup>h</sup> 20 <sup>m</sup>	16 <sup>h</sup> 28 <sup>m</sup>	19 <sup>h</sup> 50 <sup>m</sup>	28 <sup>h</sup> 57 <sup>m</sup>	7 <sup>h</sup> 51 <sup>m</sup>	9 <sup>h</sup> 41 <sup>m</sup>	24 <sup>h</sup> 55 <sup>m</sup>	4 <sup>h</sup> 58 <sup>m</sup>	F 18
S 19	9 53 25	29 <sup>h</sup> 26 <sup>m</sup> 07 <sup>s</sup>	5 <sup>h</sup> 39 <sup>m</sup>	9 <sup>h</sup> 39 <sup>m</sup>	18 <sup>h</sup> 48 <sup>m</sup>	6 <sup>h</sup> 5 <sup>m</sup>	6 <sup>h</sup> 51 <sup>m</sup>	18 <sup>h</sup> 23 <sup>m</sup>	16 <sup>h</sup> 28 <sup>m</sup>	19 <sup>h</sup> 52 <sup>m</sup>	28 <sup>h</sup> 56 <sup>m</sup>	7 <sup>h</sup> 50 <sup>m</sup>	9 <sup>h</sup> 38 <sup>m</sup>	25 <sup>h</sup> 2 <sup>m</sup>	5 <sup>h</sup> 3 <sup>m</sup>	S 19
S 20	9 57 21	0 <sup>h</sup> 36 <sup>m</sup> 53 <sup>s</sup>	17 <sup>h</sup> 25 <sup>m</sup>	11 <sup>h</sup> 7 <sup>m</sup>	20 <sup>h</sup> 3 <sup>m</sup>	6 <sup>h</sup> 36 <sup>m</sup>	7 <sup>h</sup> 1 <sup>m</sup>	18 <sup>h</sup> 26 <sup>m</sup>	16 <sup>h</sup> 28 <sup>m</sup>	19 <sup>h</sup> 54 <sup>m</sup>	28 <sup>h</sup> 56 <sup>m</sup>	7 <sup>h</sup> 50 <sup>m</sup>	9 <sup>h</sup> 34 <sup>m</sup>	25 <sup>h</sup> 8 <sup>m</sup>	5 <sup>h</sup> 7 <sup>m</sup>	S 20
M21	10 1 18	1 <sup>h</sup> 27 <sup>m</sup> 37 <sup>s</sup>	29 <sup>h</sup> 16 <sup>m</sup>	12 <sup>h</sup> 36 <sup>m</sup>	21 <sup>h</sup> 17 <sup>m</sup>	7 <sup>h</sup> 8 <sup>m</sup>	7 <sup>h</sup> 12 <sup>m</sup>	18 <sup>h</sup> 30 <sup>m</sup>	16 <sup>h</sup> 28 <sup>m</sup>	19 <sup>h</sup> 55 <sup>m</sup>	28 <sup>h</sup> 55 <sup>m</sup>	7 <sup>h</sup> 52 <sup>m</sup>	9 <sup>h</sup> 31 <sup>m</sup>	25 <sup>h</sup> 15 <sup>m</sup>	5 <sup>h</sup> 11 <sup>m</sup>	M21
T 22	10 5 14	2 <sup>h</sup> 28 <sup>m</sup> 20 <sup>s</sup>	11 <sup>h</sup> 14 <sup>m</sup>	14 <sup>h</sup> 5 <sup>m</sup>	22 <sup>h</sup> 32 <sup>m</sup>	7 <sup>h</sup> 40 <sup>m</sup>	7 <sup>h</sup> 22 <sup>m</sup>	18 <sup>h</sup> 33 <sup>m</sup>	16 <sup>h</sup> 28 <sup>m</sup>	19 <sup>h</sup> 57 <sup>m</sup>	28 <sup>h</sup> 55 <sup>m</sup>	7 <sup>h</sup> 53 <sup>m</sup>	9 <sup>h</sup> 28 <sup>m</sup>	25 <sup>h</sup> 22 <sup>m</sup>	5 <sup>h</sup> 16 <sup>m</sup>	T 22
W23	10 9 11	3 <sup>h</sup> 29 <sup>m</sup> 02 <sup>s</sup>	23 <sup>h</sup> 25 <sup>m</sup>	15 <sup>h</sup> 36 <sup>m</sup>	23 <sup>h</sup> 47 <sup>m</sup>	8 <sup>h</sup> 11 <sup>m</sup>	7 <sup>h</sup> 33 <sup>m</sup>	18 <sup>h</sup> 37 <sup>m</sup>	16 <sup>h</sup> 28 <sup>m</sup>	19 <sup>h</sup> 59 <sup>m</sup>	28 <sup>h</sup> 55 <sup>m</sup>	7 <sup>h</sup> 55 <sup>m</sup>	9 <sup>h</sup> 25 <sup>m</sup>	25 <sup>h</sup> 28 <sup>m</sup>	5 <sup>h</sup> 20 <sup>m</sup>	W23
T 24	10 13 7	4 <sup>h</sup> 29 <sup>m</sup> 41 <sup>s</sup>	5 <sup>h</sup> 15 <sup>m</sup> 53 <sup>s</sup>	17 <sup>h</sup> 7 <sup>m</sup>	25 <sup>h</sup> 2 <sup>m</sup>	8 <sup>h</sup> 42 <sup>m</sup>	7 <sup>h</sup> 43 <sup>m</sup>	18 <sup>h</sup> 41 <sup>m</sup>	16 <sup>h</sup> 28 <sup>m</sup>	20 <sup>h</sup> 1 <sup>m</sup>	28 <sup>h</sup> 54 <sup>m</sup>	7 <sup>h</sup> 55 <sup>m</sup>	9 <sup>h</sup> 22 <sup>m</sup>	25 <sup>h</sup> 35 <sup>m</sup>	5 <sup>h</sup> 24 <sup>m</sup>	T 24
F 25	10 17 4	5 <sup>h</sup> 30 <sup>m</sup> 20 <sup>s</sup>	18 <sup>h</sup> 44 <sup>m</sup>	18 <sup>h</sup> 40 <sup>m</sup>	26 <sup>h</sup> 16 <sup>m</sup>	9 <sup>h</sup> 14 <sup>m</sup>	7 <sup>h</sup> 53 <sup>m</sup>	18 <sup>h</sup> 45 <sup>m</sup>	16 <sup>h</sup> 27 <sup>m</sup>	20 <sup>h</sup> 3 <sup>m</sup>	28 <sup>h</sup> 54 <sup>m</sup>	7 <sup>h</sup> 54 <sup>m</sup>	9 <sup>h</sup> 18 <sup>m</sup>	25 <sup>h</sup> 42 <sup>m</sup>	5 <sup>h</sup> 29 <sup>m</sup>	F 25
S 26	10 21 1	6 <sup>h</sup> 30 <sup>m</sup> 56 <sup>s</sup>	2 <sup>h</sup> 3 <sup>m</sup> 1 <sup>s</sup>	20 <sup>h</sup> 13 <sup>m</sup>	27 <sup>h</sup> 31 <sup>m</sup>	9 <sup>h</sup> 45 <sup>m</sup>	8 <sup>h</sup> 3 <sup>m</sup>	18 <sup>h</sup> 48 <sup>m</sup>	16 <sup>h</sup> 27 <sup>m</sup>	20 <sup>h</sup> 4 <sup>m</sup>	28 <sup>h</sup> 53 <sup>m</sup>	7 <sup>h</sup> 52 <sup>m</sup>	9 <sup>h</sup> 15 <sup>m</sup>	25 <sup>h</sup> 48 <sup>m</sup>	5 <sup>h</sup> 33 <sup>m</sup>	S 26
S 27	10 24 57	7 <sup>h</sup> 31 <sup>m</sup> 31 <sup>s</sup>	15 <sup>h</sup> 47 <sup>m</sup>	21 <sup>h</sup> 47 <sup>m</sup>	28 <sup>h</sup> 46 <sup>m</sup>	10 <sup>h</sup> 16 <sup>m</sup>	8 <sup>h</sup> 13 <sup>m</sup>	18 <sup>h</sup> 52 <sup>m</sup>	16 <sup>h</sup> 27 <sup>m</sup>	20 <sup>h</sup> 6 <sup>m</sup>	28 <sup>h</sup> 53 <sup>m</sup>	7 <sup>h</sup> 49 <sup>m</sup>	9 <sup>h</sup> 12 <sup>m</sup>	25 <sup>h</sup> 55 <sup>m</sup>	5 <sup>h</sup> 37 <sup>m</sup>	S 27
M28	10 28 54	8 <sup>h</sup> 32 <sup>m</sup> 04 <sup>s</sup>	0 <sup>h</sup> 1 <sup>m</sup>	23 <sup>h</sup> 22 <sup>m</sup>	0 <sup>h</sup> 3 <sup>m</sup>	10 <sup>h</sup> 46 <sup>m</sup>	8 <sup>h</sup> 22 <sup>m</sup>	18 <sup>h</sup> 56 <sup>m</sup>	16 <sup>h</sup> 26 <sup>m</sup>	20 <sup>h</sup> 8 <sup>m</sup>	28 <sup>h</sup> 53 <sup>m</sup>	7 <sup>h</sup> 44 <sup>m</sup>	9 <sup>h</sup> 9 <sup>m</sup>	26 <sup>h</sup> 2 <sup>m</sup>	5 <sup>h</sup> 41 <sup>m</sup>	M28
T 29	10 32 50	9 <sup>h</sup> 32 <sup>m</sup> 36 <sup>s</sup>	14 <sup>h</sup> 41 <sup>m</sup>	24 <sup>h</sup> 58 <sup>m</sup>	1 <sup>h</sup> 15 <sup>m</sup>	11 <sup>h</sup> 17 <sup>m</sup>	8 <sup>h</sup> 32 <sup>m</sup>	19 <sup>h</sup> 1 <sup>m</sup>	16 <sup>h</sup> 26 <sup>m</sup>	20 <sup>h</sup> 9 <sup>m</sup>	28 <sup>h</sup> 52 <sup>m</sup>	7 <sup>h</sup> 40 <sup>m</sup>	9 <sup>h</sup> 6 <sup>m</sup>	26 <sup>h</sup> 8 <sup>m</sup>	5 <sup>h</sup> 46 <sup>m</sup>	T 29

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
-----	---	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--



## ASTRODIENST EPHEMERIS for the year 2648

APRIL 2648

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 39 0	11°35'07	23°13	23°52	10°40	26°4	12°34	21°55	15°R45	20°347	28°II55	7°R27	7°24	29°41	7°56	S 1
S 2	12 42 56	12°34'40	8°13	25°45	11°53	26°28	12°39	22° 1	15°M43	20°48	28°55	7°27	7°21	29°48	8° 0	S 2
M 3	12 46 53	13°34'10	22°53	27°36	13° 6	26°52	12°44	22° 8	15°41	20°49	28°55	7°26	7°18	29°54	8° 4	M 3
T 4	12 50 50	14°33'39	7°8	29°24	14°19	27°15	12°49	22°14	15°39	20°49	28°56	7°25	7°15	0°Y 1	8° 8	T 4
W 5	12 54 46	15°33'07	20°57	1°8	15°32	27°38	12°54	22°21	15°37	20°50	28°56	7°24	7°11	0° 8	8°11	W 5
T 6	12 58 43	16°32'32	4°18	2°49	16°45	28° 1	12°58	22°28	15°35	20°50	28°57	7°24	7° 8	0°14	8°15	T 6
F 7	13 2 39	17°31'56	17°14	4°26	17°58	28°24	13° 2	22°34	15°33	20°51	28°57	7°D24	7° 5	0°21	8°18	F 7
S 8	13 6 36	18°31'18	29°48	5°59	19°11	28°46	13° 7	22°41	15°31	20°51	28°58	7°24	7° 2	0°27	8°22	S 8
S 9	13 10 32	19°30'39	12°4	7°27	20°23	29° 8	13°11	22°48	15°29	20°52	28°59	7°25	6°59	0°34	8°25	S 9
M10	13 14 29	20°29'57	24° 6	8°49	21°36	29°29	13°14	22°55	15°26	20°52	28°59	7°26	6°55	0°41	8°29	M10
T 11	13 18 25	21°29'14	5°59	10° 6	22°49	29°50	13°18	23° 2	15°24	20°53	29° 0	7°27	6°52	0°47	8°32	T 11
W12	13 22 22	22°28'29	17°47	11°18	24° 1	0°311	13°21	23° 9	15°22	20°53	29° 0	7°28	6°49	0°54	8°36	W12
T 13	13 26 18	23°27'42	29°34	12°23	25°14	0°31	13°25	23°16	15°20	20°53	29° 1	7°29	6°46	1° 1	8°39	T 13
F 14	13 30 15	24°26'53	11°Y21	13°22	26°26	0°51	13°28	23°23	15°17	20°54	29° 2	7°R29	6°43	1° 7	8°42	F 14
S 15	13 34 12	25°26'02	23°13	14°15	27°38	1°11	13°31	23°30	15°15	20°54	29° 2	7°28	6°40	1°14	8°45	S 15
S 16	13 38 8	26°25'10	5°810	15° 1	28°51	1°30	13°33	23°37	15°13	20°54	29° 3	7°27	6°36	1°21	8°49	S 16
M17	13 42 5	27°24'15	17°15	15°40	0°II 3	1°49	13°36	23°44	15°10	20°54	29° 4	7°24	6°33	1°27	8°52	M17
T 18	13 46 1	28°23'18	29°30	16°13	1°15	2° 7	13°38	23°51	15° 8	20°55	29° 5	7°21	6°30	1°34	8°55	T 18
W19	13 49 58	29°22'19	11°II56	16°39	2°27	2°25	13°40	23°59	15° 5	20°55	29° 5	7°17	6°27	1°41	8°58	W19
T 20	13 53 54	0°821'18	24°36	16°58	3°39	2°43	13°42	24° 6	15° 3	20°55	29° 6	7°14	6°24	1°47	9° 1	T 20
F 21	13 57 51	1°20'15	7°30	17°11	4°51	3° 0	13°44	24°13	15° 0	20°55	29° 7	7°11	6°20	1°54	9° 4	F 21
S 22	14 1 47	2°19'09	20°41	17°R17	6° 3	3°16	13°46	24°20	14°58	20°R55	29° 8	7°10	6°17	2° 1	9° 7	S 22
S 23	14 5 44	3°18'02	4°11	17°16	7°15	3°32	13°47	24°28	14°56	20°55	29° 9	7°D 9	6°14	2° 7	9°10	S 23
M24	14 9 41	4°16'51	18° 1	17° 9	8°27	3°48	13°49	24°35	14°53	20°55	29°10	7°10	6°11	2°14	9°13	M24
T 25	14 13 37	5°15'39	2°12	16°57	9°38	4° 3	13°50	24°43	14°51	20°55	29°10	7°11	6° 8	2°20	9°16	T 25
W26	14 17 34	6°14'24	16°41	16°39	10°50	4°18	13°50	24°50	14°48	20°55	29°11	7°13	6° 5	2°27	9°19	W26
T 27	14 21 30	7°13'08	1°26	16°15	12° 1	4°32	13°51	24°57	14°46	20°54	29°12	7°R14	6° 1	2°34	9°21	T 27
F 28	14 25 27	8°11'49	16°22	15°47	13°13	4°46	13°52	25° 5	14°43	20°54	29°13	7°13	5°58	2°40	9°24	F 28
S 29	14 29 23	9°10'27	1°121	15°15	14°24	4°59	13°52	25°12	14°40	20°54	29°14	7°12	5°55	2°47	9°27	S 29
S 30	14 33 20	10°8'05	16°115	14°840	15°II35	5°312	13°R52	25°820	14°M38	20°354	29°II15	7°12	5°52	2°Y54	9°429	S 30

Day	☉	☾	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	4n34	7s39	1n27	9n33	0n21	14n59	0n 1	23s 0	0n18	22s25	0n20	16n12	2s 3	16s 4	0n27	20s55	0n51	14n55	8s26	2s57	2s56	0n31	3s37	5n19
S 2	4 57	11 37	2 43	10 25	0 33	15 24	0 4	23 2	0 17	22 25	0 20	16 14	2 2	16 3	0 27	20 54	0 51	14 55	8 26	2 57	2 54	0 32	3 36	5 19
M 3	5 20	14 46	3 47	11 16	0 45	15 49	0 7	23 4	0 15	22 24	0 20	16 16	2 2	16 3	0 27	20 54	0 51	14 55	8 26	2 56	2 53	0 34	3 34	5 19
T 4	5 43	16 54	4 35	12 6	0 57	16 14	0 10	23 6	0 14	22 24	0 20	16 18	2 2	16 2	0 27	20 54	0 51	14 56	8 25	2 56	2 52	0 36	3 33	5 19
W 5	6 6	17 58	5 5	12 54	1 9	16 38	0 13	23 7	0 12	22 24	0 20	16 20	2 2	16 2	0 27	20 54	0 51	14 56	8 25	2 56	2 51	0 38	3 32	5 19
T 6	6 29	18 0	5 17	13 40	1 21	17 2	0 16	23 9	0 11	22 23	0 20	16 21	2 2	16 1	0 27	20 54	0 51	14 56	8 25	2 55	2 49	0 40	3 30	5 19
F 7	6 51	17 4	5 13	14 24	1 32	17 25	0 19	23 11	0 10	22 23	0 20	16 23	2 2	16 0	0 27	20 54	0 51	14 56	8 25	2 55	2 48	0 42	3 29	5 20
S 8	7 14	15 20	4 54	15 6	1 44	17 48	0 22	23 13	0 8	22 23	0 20	16 25	2 1	16 0	0 27	20 54	0 51	14 56	8 25	2 55	2 47	0 43	3 27	5 20
S 9	7 36	12 55	4 22	15 45	1 55	18 11	0 25	23 15	0 6	22 22	0 20	16 27	2 1	15 59	0 27	20 54	0 51	14 57	8 24	2 56	2 46	0 45	3 26	5 20
M10	7 59	10 0	3 38	16 22	2 5	18 33	0 28	23 16	0 5	22 22	0 20	16 29	2 1	15 59	0 27	20 54	0 51	14 57	8 24	2 56	2 44	0 47	3 24	5 20
T 11	8 21	6 42	2 46	16 56	2 15	18 54	0 31	23 18	0 3	22 22	0 20	16 31	2 1	15 58	0 27	20 54	0 51	14 57	8 24	2 57	2 43	0 49	3 23	5 20
W12	8 43	3 10	1 47	17 27	2 25	19 15	0 34	23 20	0 2	22 21	0 20	16 33	2 1	15 57	0 27	20 54	0 51	14 57	8 24	2 57	2 42	0 51	3 22	5 20
T 13	9 5	0n30	0 44	17 55	2 33	19 36	0 37	23 21	0s 0	22 21	0 20	16 34	2 1	15 57	0 27	20 53	0 51	14 58	8 23	2 58	2 41	0 53	3 20	5 21
F 14	9 27	4 9	0s21	18 21	2 41	19 56	0 40	23 23	0 2	22 21	0 20	16 36	2 1	15 56	0 27	20 53	0 51	14 58	8 23	2 58	2 39	0 54	3 19	5 21
S 15	9 48	7 39	1 26	18 43	2 47	20 16	0 43	23 24	0 4	22 21	0 20	16 38	2 0	15 55	0 27	20 53	0 51	14 58	8 23	2 57	2 38	0 56	3 17	5 21
S 16	10 9	10 53	2 27	19 2	2 53	20 35	0 46	23 26	0 5	22 20	0 20	16 40	2 0	15 55	0 27	20 53	0 51	14 58	8 23	2 57	2 37	0 58	3 16	5 21
M17	10 31	13 41	3 23	19 18	2 57	20 53	0 49	23 28	0 7	22 20	0 20	16 42	2 0	15 54	0 27	20 53	0 51	14 58	8 23	2 56	2 36	1 0	3 15	5 21
T 18	10 52	15 55	4 9	19 31	3 1	21 11	0 52	23 29	0 9	22 20	0 20	16 44	2 0	15 53	0 27	20 53	0 51	14 59	8 22	2 54	2 34	1 2	3 13	5 22
W19	11 13	17 26	4 45	19 40	3 3	21 29	0 55	23 31	0 11	22 20	0 20	16 46	2 0	15 52	0 27	20 53	0 51	14 59	8 22	2 53	2 33	1 4	3 12	5 22
T 20	11 33	18 8	5 7	19 47	3 4	21 46	0 58	23 32	0 13	22 20	0 20	16 48	2 0	15 52	0 27	20 53	0 51	14 59	8 22	2 52	2 32	1 5	3 11	5 22
F 21	11 54	17 54	5 15	19 50	3 3	22 2	1 1	23 34	0 15	22 19	0 19	16 49	2 0	15 51	0 27	20 53	0 51	14 59	8 22	2 51	2 31	1 7	3 9	5 22
S 22	12 14	16 43	5 6	19 50	3 1	22 18	1 4	23 36	0 17	22 19	0 19	16 51	2 0	15 50	0 27	20 53	0 52	14 59	8 22	2 50	2 29	1 9	3 8	5 22
S 23	12 34	14 35	4 41	19 46	2 58	22 33	1 7	23 37	0 19	22 19	0 19	16 53	1 59	15 50	0 27	20 53	0 52	15 0	8 21	2 50	2 28	1 11	3 7	5 23
M24	12 54	11 35	3 58	19 40	2 53	22 47	1 10	23 39	0 21	22 19	0 19	16 55	1 59	15 49	0 27	20 53	0 52	15 0	8 21	2 50	2 27	1 13	3 6	5 23
T 25	13 14	7 50	3 1	19 30	2 47	23 1	1 13	23 41	0 23	22 19	0 19	16 57	1 59	15 48	0 27	20 53	0 52	15 0	8 21	2 51	2 26	1 14	3 4	5 23
W26	13 33	3 32	1 51	19 18	2 39	23 14	1 16	23 42	0 25	22 19	0 19	16 59	1 59	15 47	0 27	20 53	0 52	15 0	8 21	2 51	2 24	1 16	3 3	5 23
T 27	13 52	1s 3	0 32	19 2	2 30	23 27	1 19	23 44	0 28	22 19	0 19	17 1	1 59	15 47	0 27	20 53	0 52	15 0	8 21	2 51	2 23	1 18	3 2	5 23
F 28	14 11	5 39	0n50	18 44	2 19	23 39	1 21	23 46	0 30	22 19	0 19	17 3	1 59	15 46	0 27	20 53	0 52	15 1	8 20	2 51	2 22	1 20	3 1	5 24
S 29	14 30	9 54	2 8	18 23	2 8	23 50	1 24	23 48	0 32	22 19	0 19	17 4	1 59	15 45	0 27	20 53	0 52	15 1	8 20	2 51	2 21	1 22	3 0	5 24
S 30	14n49	13s29	3n18	18n 0	1n55	24n 1	1n27	23s49	0s34	22s19	0n19	17n 6	1s59	15s44	0n27	20s53	0n52	15n 1	8s20	2s49	2s19	1n24	2s58	5n24

## ASTRODIENST EPHEMERIS for the year 2648

MAY 2648

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 37 16	11♈ 740	0♈56	14°R 2	16♈46	5♈24	13°R52	25♈27	14°R35	20°R54	29♈16	7°R 4	5♈49	3♈0	9♈32	M 1
T 2	14 41 13	12° 6'13	15°16	13♈22	17°57	5°36	13♈52	25°35	14♈33	20♈53	29°17	6♈59	5°46	3° 7	9°34	T 2
W 3	14 45 10	13° 4'45	29°11	12°41	19° 8	5°47	13°51	25°43	14°30	20°53	29°18	6°53	5°42	3°14	9°37	W 3
T 4	14 49 6	14° 3'15	12♈39	12° 0	20°19	5°57	13°51	25°50	14°28	20°53	29°19	6°49	5°39	3°20	9°39	T 4
F 5	14 53 3	15° 1'44	25°41	11°19	21°30	6° 7	13°50	25°58	14°25	20°52	29°20	6°45	5°36	3°27	9°41	F 5
S 6	14 56 59	16° 0'11	8♈19	10°39	22°41	6°16	13°49	26° 5	14°23	20°52	29°21	6°44	5°33	3°34	9°44	S 6
S 7	15 0 56	16°58'36	20°36	10° 1	23°51	6°25	13°48	26°13	14°20	20°51	29°22	6°D43	5°30	3°40	9°46	S 7
M 8	15 4 52	17°57'00	2♈38	9°25	25° 2	6°33	13°46	26°21	14°17	20°51	29°23	6°44	5°26	3°47	9°48	M 8
T 9	15 8 49	18°55'22	14°30	8°52	26°12	6°40	13°45	26°28	14°15	20°50	29°24	6°46	5°23	3°53	9°50	T 9
W10	15 12 45	19°53'43	26°18	8°23	27°23	6°47	13°43	26°36	14°12	20°50	29°26	6°47	5°20	4° 0	9°52	W10
T 11	15 16 42	20°52'02	8♈ 4	7°57	28°33	6°53	13°41	26°44	14°10	20°49	29°27	6°R48	5°17	4° 7	9°54	T 11
F 12	15 20 39	21°50'19	19°55	7°36	29°43	6°58	13°39	26°51	14° 7	20°49	29°28	6°47	5°14	4°13	9°56	F 12
S 13	15 24 35	22°48'35	1♈52	7°19	0♈53	7° 3	13°37	26°59	14° 5	20°48	29°29	6°44	5°11	4°20	9°58	S 13
S 14	15 28 32	23°46'50	13°59	7° 7	2° 3	7° 7	13°34	27° 7	14° 2	20°47	29°30	6°38	5° 7	4°27	10° 0	S 14
M15	15 32 28	24°45'03	26°18	6°59	3°13	7°10	13°31	27°14	14° 0	20°47	29°31	6°31	5° 4	4°33	10° 2	M15
T 16	15 36 25	25°43'14	8♈49	6°D56	4°23	7°13	13°29	27°22	13°57	20°46	29°32	6°23	5° 1	4°40	10° 4	T 16
W17	15 40 21	26°41'23	21°34	6°58	5°32	7°14	13°26	27°30	13°55	20°45	29°34	6°14	4°58	4°47	10° 5	W17
T 18	15 44 18	27°39'31	4♈31	7° 4	6°42	7°16	13°22	27°37	13°52	20°44	29°35	6° 5	4°55	4°53	10° 7	T 18
F 19	15 48 14	28°37'37	17°41	7°15	7°51	7°R16	13°19	27°45	13°50	20°43	29°36	5°58	4°52	5° 0	10° 8	F 19
S 20	15 52 11	29°35'41	1♈ 3	7°31	9° 1	7°16	13°16	27°53	13°47	20°43	29°37	5°52	4°48	5° 7	10°10	S 20
S 21	15 56 8	0♈33'43	14°38	7°51	10°10	7°14	13°12	28° 1	13°45	20°42	29°39	5°49	4°45	5°13	10°11	S 21
M22	16 0 4	1°31'43	28°26	8°16	11°19	7°13	13° 8	28° 8	13°43	20°41	29°40	5°D48	4°42	5°20	10°13	M22
T 23	16 4 1	2°29'41	12♈27	8°44	12°38	7°10	13° 4	28°16	13°40	20°40	29°41	5°48	4°39	5°26	10°14	T 23
W24	16 7 57	3°27'38	26°40	9°17	13°37	7° 7	13° 0	28°24	13°38	20°39	29°42	5°49	4°36	5°33	10°15	W24
T 25	16 11 54	4°25'32	11♈ 4	9°54	14°45	7° 3	12°55	28°31	13°35	20°38	29°44	5°R49	4°32	5°40	10°17	T 25
F 26	16 15 50	5°23'25	25°37	10°35	15°54	6°58	12°51	28°39	13°33	20°37	29°45	5°47	4°29	5°46	10°18	F 26
S 27	16 19 47	6°21'17	10♈13	11°19	17° 2	6°52	12°46	28°47	13°31	20°36	29°46	5°44	4°26	5°53	10°19	S 27
S 28	16 23 43	7°19'06	24°47	12° 7	18°11	6°46	12°41	28°54	13°29	20°35	29°48	5°37	4°23	6° 0	10°20	S 28
M29	16 27 40	8°16'55	9♈13	12°58	19°19	6°39	12°36	29° 2	13°26	20°34	29°49	5°29	4°20	6° 6	10°21	M29
T 30	16 31 37	9°14'42	23°23	13°53	20°27	6°31	12°31	29° 9	13°24	20°33	29°50	5°19	4°17	6°13	10°22	T 30
W31	16 35 33	10♈12'28	7♈14	14°51	21°35	6♈22	12°26	29♈17	13♈22	20♈32	29♈51	5♈ 9	4♈13	6♈20	10♈23	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	15n 7	16s 9	4n12	17n35	1n40	24n11	1n30	23s51	0s37	22s19	0n19	17n 8	1s59	15s44	0n27	M 1
T 2	15 25	17 44	4 50	17 9	1 25	24 20	1 32	23 53	0 39	22 19	0 19	17 10	1 59	15 43	0 27	T 2
W 3	15 42	18 12	5 9	16 42	1 9	24 29	1 35	23 55	0 42	22 19	0 19	17 12	1 58	15 42	0 27	W 3
T 4	16 0	17 36	5 10	16 13	0 53	24 37	1 37	23 57	0 44	22 19	0 19	17 14	1 58	15 41	0 27	T 4
F 5	16 17	16 6	4 55	15 44	0 36	24 45	1 40	24 0	0 47	22 20	0 19	17 16	1 58	15 41	0 27	F 5
S 6	16 34	13 50	4 26	15 16	0 19	24 51	1 42	24 2	0 50	22 20	0 19	17 17	1 58	15 40	0 27	S 6
S 7	16 51	11 1	3 45	14 47	0 2	24 57	1 45	24 4	0 52	22 20	0 19	17 19	1 58	15 39	0 27	S 7
M 8	17 7	7 46	2 55	14 20	0s16	25 3	1 47	24 6	0 55	22 20	0 18	17 21	1 58	15 39	0 27	M 8
T 9	17 23	4 15	1 58	13 53	0 33	25 7	1 50	24 9	0 58	22 20	0 18	17 23	1 58	15 38	0 27	T 9
W10	17 39	0 36	0 57	13 28	0 49	25 11	1 52	24 11	1 1	22 21	0 18	17 25	1 58	15 37	0 27	W10
T 11	17 54	3n 5	0s 7	13 5	1 5	25 15	1 54	24 14	1 4	22 21	0 18	17 27	1 58	15 36	0 27	T 11
F 12	18 10	6 40	1 11	12 43	1 21	25 17	1 56	24 17	1 6	22 21	0 18	17 28	1 58	15 36	0 27	F 12
S 13	18 24	10 1	2 12	12 24	1 35	25 19	1 58	24 19	1 9	22 22	0 18	17 30	1 58	15 35	0 27	S 13
S 14	18 39	13 0	3 7	12 7	1 49	25 20	2 0	24 22	1 12	22 22	0 18	17 32	1 58	15 34	0 27	S 14
M15	18 53	15 26	3 55	11 52	2 2	25 21	2 2	24 25	1 16	22 22	0 18	17 34	1 58	15 33	0 27	M15
T 16	19 7	17 12	4 32	11 39	2 15	25 21	2 4	24 28	1 19	22 23	0 18	17 35	1 58	15 33	0 27	T 16
W17	19 21	18 9	4 57	11 29	2 26	25 20	2 6	24 31	1 22	22 23	0 18	17 37	1 58	15 32	0 27	W17
T 18	19 34	18 10	5 7	11 22	2 36	25 18	2 8	24 34	1 25	22 23	0 18	17 39	1 57	15 31	0 27	T 18
F 19	19 47	17 13	5 0	11 16	2 46	25 16	2 9	24 37	1 28	22 24	0 18	17 41	1 57	15 30	0 27	F 19
S 20	19 59	15 20	4 38	11 13	2 54	25 13	2 11	24 41	1 32	22 24	0 18	17 43	1 57	15 30	0 27	S 20
S 21	20 12	12 34	4 0	11 13	3 2	25 10	2 12	24 44	1 35	22 25	0 18	17 44	1 57	15 29	0 27	S 21
M22	20 24	9 3	3 7	11 14	3 8	25 6	2 14	24 48	1 38	22 25	0 17	17 46	1 57	15 28	0 27	M22
T 23	20 35	4 59	2 2	11 18	3 14	25 1	2 15	24 51	1 42	22 26	0 17	17 48	1 57	15 28	0 27	T 23
W24	20 46	0 34	0 49	11 24	3 18	24 55	2 16	24 55	1 45	22 26	0 17	17 49	1 57	15 27	0 27	W24
T 25	20 57	3s56	0n28	11 32	3 22	24 49	2 17	24 59	1 49	22 27	0 17	17 51	1 57	15 26	0 27	T 25
F 26	21 7	8 15	1 44	11 41	3 25	24 42	2 18	25 2	1 52	22 27	0 17	17 53	1 57	15 26	0 27	F 26
S 27	21 17	12 5	2 53	11 53	3 27	24 35	2 19	25 6	1 56	22 28	0 17	17 54	1 57	15 25	0 27	S 27
S 28	21 27	15 10	3 51	12 6	3 29	24 26	2 20	25 10	2 0	22 28	0 17	17 56	1 57	15 24	0 27	S 28
M29	21 36	17 15	4 33	12 21	3 29	24 18	2 21	25 14	2 3	22 29	0 17	17 58	1 57	15 24	0 27	M29
T 30	21 45	18 14	4 57	12 37	3 29	24 8	2 22	25 18	2 7	22 29	0 17	17 59	1 57	15 23	0 27	T 30
W31	21n54	18s 6	5n 4	12n55	3s28	23n58	2n22	25s22	2s11	22s30	0n17	18n 1	1s57	15s22	0n26	W31

Julian Day Number = 2688342.5, Delta T = 23m28s

Ecliptic obliquity = 23°21'09, Nutation = 0°00'00

Ayanamsha: Fagan/Bradley = 33°48'33, Lahiri = 32°55'33

## ASTRODIENST EPHEMERIS for the year 2648

JUNE 2648

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 39 30	11 <sup>11</sup> 10'12	20 <sup>3</sup> 40	15 <sup>8</sup> 52	22 <sup>2</sup> 42	6 <sup>R</sup> 13	12 <sup>R</sup> 20	29 <sup>8</sup> 25	13 <sup>R</sup> 20	20 <sup>R</sup> 31	29 <sup>11</sup> 53	4 <sup>R</sup> 59	4 <sup>10</sup> 10	6 <sup>Y</sup> 26	10 <sup>11</sup> 24	T 1
F 2	16 43 26	12° 7'55	3 <sup>3</sup> 42	16°57	23°50	6 <sup>3</sup> 3	12 <sup>3</sup> 15	29°32	13 <sup>11</sup> 18	20 <sup>3</sup> 29	29°54	4 <sup>10</sup> 52	4° 7	6°33	10°24	F 2
S 3	16 47 23	13° 5'38	16°22	18° 4	24°57	5°52	12° 9	29°40	13°15	20°28	29°55	4°46	4° 4	6°40	10°25	S 3
S 4	16 51 19	14° 3'19	28°41	19°14	26° 4	5°41	12° 3	29°47	13°13	20°27	29°57	4°43	4° 1	6°46	10°26	S 4
M 5	16 55 16	15° 0'59	10 <sup>11</sup> 44	20°27	27°12	5°29	11°57	29°55	13°11	20°26	29°58	4°D42	3°58	6°53	10°26	M 5
T 6	16 59 12	15°58'38	22°38	21°43	28°18	5°16	11°51	0 <sup>11</sup> 2	13° 9	20°25	29°59	4°42	3°54	7° 0	10°27	T 6
W 7	17 3 9	16°56'16	4 <sup>Y</sup> 26	23° 1	29°25	5° 2	11°45	0°10	13° 7	20°23	0 <sup>11</sup> 1	4°R42	3°51	7° 6	10°27	W 7
T 8	17 7 6	17°53'54	16°14	24°22	0 <sup>10</sup> 32	4°48	11°39	0°17	13° 5	20°22	0° 2	4°42	3°48	7°13	10°27	T 8
F 9	17 11 2	18°51'30	28° 8	25°46	1°38	4°33	11°32	0°25	13° 3	20°21	0° 4	4°39	3°45	7°19	10°28	F 9
S 10	17 14 59	19°49'06	10 <sup>8</sup> 12	27°12	2°44	4°18	11°26	0°32	13° 2	20°19	0° 5	4°35	3°42	7°26	10°28	S 10
S 11	17 18 55	20°46'40	22°28	28°41	3°50	4° 2	11°19	0°40	13° 0	20°18	0° 6	4°27	3°38	7°33	10°28	S 11
M12	17 22 52	21°44'14	5 <sup>11</sup> 0	0 <sup>11</sup> 13	4°56	3°45	11°12	0°47	12°58	20°17	0° 8	4°18	3°35	7°39	10°28	M12
T 13	17 26 48	22°41'47	17°49	1°47	6° 2	3°29	11° 6	0°54	12°56	20°15	0° 9	4° 6	3°32	7°46	10°28	T 13
W14	17 30 45	23°39'19	0 <sup>10</sup> 54	3°24	7° 7	3°11	10°59	1° 2	12°54	20°14	0°11	3°54	3°29	7°53	10°R28	W14
T 15	17 34 41	24°36'50	14°14	5° 3	8°13	2°53	10°52	1° 9	12°53	20°13	0°12	3°42	3°26	7°59	10°28	T 15
F 16	17 38 38	25°34'20	27°46	6°45	9°18	2°35	10°44	1°16	12°51	20°11	0°13	3°31	3°23	8° 6	10°28	F 16
S 17	17 42 35	26°31'49	11 <sup>10</sup> 29	8°29	10°23	2°16	10°37	1°24	12°49	20°10	0°15	3°23	3°19	8°13	10°28	S 17
S 18	17 46 31	27°29'16	25°20	10°16	11°27	1°57	10°30	1°31	12°48	20° 8	0°16	3°18	3°16	8°19	10°28	S 18
M19	17 50 28	28°26'43	9 <sup>11</sup> 17	12° 6	12°32	1°38	10°23	1°38	12°46	20° 7	0°18	3°15	3°13	8°26	10°27	M19
T 20	17 54 24	29°24'08	23°19	13°57	13°36	1°19	10°15	1°45	12°45	20° 5	0°19	3°14	3°10	8°33	10°27	T 20
W21	17 58 21	0 <sup>10</sup> 21'32	7 <sup>10</sup> 26	15°51	14°40	0°59	10° 8	1°52	12°43	20° 4	0°20	3°14	3° 7	8°39	10°27	W21
T 22	18 2 17	1°18'55	21°36	17°48	15°43	0°40	10° 1	1°59	12°42	20° 2	0°22	3°14	3° 4	8°46	10°26	T 22
F 23	18 6 14	2°16'17	5 <sup>11</sup> 49	19°47	16°47	0°20	9°53	2° 6	12°40	20° 1	0°23	3°11	3° 0	8°52	10°26	F 23
S 24	18 10 10	3°13'38	20° 1	21°47	17°50	0° 0	9°45	2°13	12°39	19°59	0°25	3° 6	2°57	8°59	10°25	S 24
S 25	18 14 7	4°10'59	4 <sup>11</sup> 10	23°50	18°53	29°140	9°38	2°20	12°38	19°58	0°26	2°59	2°54	9° 6	10°24	S 25
M26	18 18 4	5° 8'18	18°11	25°55	19°55	29°21	9°30	2°27	12°37	19°56	0°27	2°49	2°51	9°12	10°24	M26
T 27	18 22 0	6° 5'37	2 <sup>3</sup> 0	28° 2	20°58	29° 1	9°23	2°34	12°35	19°55	0°29	2°37	2°48	9°19	10°23	T 27
W28	18 25 57	7° 2'55	15°34	0 <sup>10</sup> 10	22° 0	28°41	9°15	2°41	12°34	19°53	0°30	2°25	2°44	9°26	10°22	W28
T 29	18 29 53	8° 0'13	28°48	2°19	23° 1	28°22	9° 7	2°48	12°33	19°51	0°32	2°14	2°41	9°32	10°21	T 29
F 30	18 33 50	8 <sup>10</sup> 57'30	11 <sup>11</sup> 43	4 <sup>10</sup> 29	24 <sup>10</sup> 3	28°13	9°30	2°11	12°32	19°50	0°33	2°14	2°43	9°39	10°20	F 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	22n 2	16s57	4n53	13n14	3s27	23n48	2n23	25s27	2s14	22s30	0n17	18n 3	1s57	15s22	0n26	20s56
F 2	22 10	14 56	4 27	13 34	3 24	23 37	2 23	25 31	2 18	22 31	0 16	18 4	1 57	15 21	0 26	20 56
S 3	22 17	12 15	3 48	13 56	3 21	23 25	2 23	25 35	2 22	22 32	0 16	18 6	1 57	15 20	0 26	20 56
S 4	22 24	9 5	3 0	14 18	3 18	23 12	2 24	25 39	2 26	22 32	0 16	18 7	1 57	15 20	0 26	20 57
M 5	22 31	5 36	2 4	14 41	3 13	23 0	2 24	25 44	2 29	22 33	0 16	18 9	1 57	15 19	0 26	20 57
T 6	22 37	1 56	1 4	15 6	3 8	22 46	2 24	25 48	2 33	22 34	0 16	18 11	1 57	15 19	0 26	20 57
W 7	22 43	1n47	0 1	15 31	3 3	22 32	2 23	25 52	2 37	22 34	0 16	18 12	1 57	15 18	0 26	20 57
T 8	22 48	5 25	1s 1	15 56	2 57	22 18	2 23	25 57	2 41	22 35	0 16	18 14	1 57	15 18	0 26	20 57
F 9	22 53	8 53	2 1	16 22	2 50	22 3	2 23	26 1	2 45	22 36	0 16	18 15	1 57	15 17	0 26	20 57
S 10	22 58	12 1	2 57	16 49	2 43	21 47	2 22	26 5	2 48	22 36	0 16	18 17	1 57	15 16	0 26	20 58
S 11	23 2	14 42	3 45	17 16	2 35	21 31	2 22	26 9	2 52	22 37	0 16	18 18	1 57	15 16	0 26	20 58
M12	23 6	16 44	4 23	17 43	2 27	21 14	2 21	26 14	2 56	22 38	0 15	18 20	1 57	15 15	0 26	20 58
T 13	23 9	18 0	4 49	18 11	2 19	20 57	2 20	26 18	2 59	22 38	0 15	18 21	1 57	15 15	0 26	20 58
W14	23 12	18 20	5 1	18 38	2 10	20 40	2 19	26 22	3 3	22 39	0 15	18 23	1 57	15 14	0 26	20 58
T 15	23 15	17 41	4 56	19 5	2 0	20 22	2 18	26 26	3 7	22 40	0 15	18 24	1 57	15 14	0 26	20 59
F 16	23 17	16 2	4 35	19 32	1 51	20 3	2 17	26 30	3 10	22 40	0 15	18 25	1 57	15 13	0 26	20 59
S 17	23 18	13 28	3 58	19 59	1 41	19 45	2 15	26 34	3 14	22 41	0 15	18 27	1 57	15 13	0 26	20 59
S 18	23 20	10 6	3 6	20 25	1 30	19 25	2 14	26 37	3 17	22 42	0 15	18 28	1 57	15 13	0 26	20 59
M19	23 21	6 9	2 3	20 51	1 20	19 6	2 12	26 41	3 21	22 42	0 15	18 30	1 57	15 12	0 26	20 59
T 20	23 21	1 50	0 52	21 15	1 9	18 46	2 10	26 45	3 24	22 43	0 14	18 31	1 58	15 12	0 26	21 0
W21	23 21	2s36	0n22	21 39	0 58	18 25	2 8	26 48	3 27	22 44	0 14	18 32	1 58	15 11	0 26	21 0
T 22	23 21	6 55	1 36	22 1	0 47	18 5	2 6	26 51	3 30	22 44	0 14	18 34	1 58	15 11	0 26	21 0
F 23	23 20	10 50	2 43	22 22	0 35	17 43	2 4	26 54	3 33	22 45	0 14	18 35	1 58	15 10	0 26	21 0
S 24	23 19	14 8	3 41	22 42	0 24	17 22	2 2	26 58	3 36	22 46	0 14	18 36	1 58	15 10	0 26	21 1
S 25	23 17	16 34	4 24	23 0	0 13	17 0	1 59	27 0	3 39	22 46	0 14	18 38	1 58	15 10	0 26	21 1
M26	23 15	18 0	4 51	23 15	0 2	16 38	1 57	27 3	3 42	22 47	0 14	18 39	1 58	15 9	0 26	21 1
T 27	23 13	18 20	5 1	23 29	0n 9	16 16	1 54	27 6	3 45	22 48	0 14	18 40	1 58	15 9	0 26	21 1
W28	23 10	17 36	4 53	23 41	0 19	15 53	1 51	27 8	3 48	22 48	0 13	18 41	1 58	15 9	0 26	21 1
T 29	23 7	15 55	4 29	23 50	0 30	15 30	1 48	27 11	3 50	22 49	0 13	18 43	1 58	15 8	0 26	21 2
F 30	23n 3	13s29	3n53	23n56	0n40	15n 7	1n45	27s13	3s53	22s50	0n13	18n44	1s58	15s 8	0n26	21s 2

Julian Day Number = 2688373.5, Delta T = 23m28s

Ecliptic obliquity = 23°21'08, Nutation = 0°00'01

Ayanamsha: Fagan/Bradley = 33°48'38, Lahiri = 32°55'38

## ASTRODIENST EPHEMERIS for the year 2648

JULY 2648

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 37 46	9°54'47	24°18'18	6°54'40	25°02'4	27°R44	8°R52	3°II 1	12°R31	19°R48	0°53'4	1°R57	2°53'5	9°Y46	10°R19	S 1
S 2	18 41 43	10°52'03	6°H35	8°52	26° 4	27°25	8°344	3° 8	12°M30	19°347	0°36	1°53	2°32	9°52	10°H18	S 2
M 3	18 45 39	11°49'19	18°38	11° 3	27° 5	27° 7	8°37	3°15	12°29	19°45	0°37	1°50	2°29	9°59	10°17	M 3
T 4	18 49 36	12°46'35	0°Y32	13°15	28° 5	26°49	8°29	3°21	12°28	19°43	0°39	1°D50	2°25	10° 6	10°16	T 4
W 5	18 53 33	13°43'51	12°21	15°26	29° 4	26°32	8°21	3°28	12°28	19°42	0°40	1°R50	2°22	10°12	10°15	W 5
T 6	18 57 29	14°41'07	24°10	17°37	0°M 4	26°15	8°14	3°34	12°27	19°40	0°41	1°50	2°19	10°19	10°13	T 6
F 7	19 1 26	15°38'23	6°B 6	19°46	1° 3	25°59	8° 6	3°40	12°26	19°39	0°43	1°48	2°16	10°26	10°12	F 7
S 8	19 5 22	16°35'39	18°13	21°55	2° 1	25°43	7°59	3°47	12°25	19°37	0°44	1°44	2°13	10°32	10°11	S 8
S 9	19 9 19	17°32'55	0°II36	24° 3	2°59	25°28	7°51	3°53	12°25	19°35	0°45	1°38	2°10	10°39	10° 9	S 9
M10	19 13 15	18°30'11	13°18	26° 9	3°57	25°13	7°44	3°59	12°24	19°34	0°47	1°29	2° 6	10°45	10° 8	M10
T 11	19 17 12	19°27'26	26°20	28°13	4°54	24°59	7°36	4° 6	12°24	19°32	0°48	1°19	2° 3	10°52	10° 6	T 11
W12	19 21 8	20°24'42	9°543	0°D16	5°51	24°45	7°29	4°12	12°23	19°31	0°49	1° 8	2° 0	10°59	10° 4	W12
T 13	19 25 5	21°21'58	23°24	2°17	6°48	24°33	7°22	4°18	12°23	19°29	0°51	0°57	1°57	11° 5	10° 3	T 13
F 14	19 29 2	22°19'13	7°D21	4°16	7°44	24°21	7°14	4°24	12°23	19°27	0°52	0°47	1°54	11°12	10° 1	F 14
S 15	19 32 58	23°16'29	21°29	6°14	8°39	24°10	7° 7	4°30	12°22	19°26	0°53	0°40	1°50	11°19	9°59	S 15
S 16	19 36 55	24°13'44	5°M43	8° 9	9°34	23°59	7° 0	4°36	12°22	19°24	0°55	0°35	1°47	11°25	9°57	S 16
M17	19 40 51	25°10'59	19°59	10° 3	10°28	23°50	6°53	4°42	12°22	19°22	0°56	0°33	1°44	11°32	9°56	M17
T 18	19 44 48	26° 8'14	4°A14	11°54	11°22	23°41	6°46	4°47	12°22	19°21	0°57	0°D32	1°41	11°39	9°54	T 18
W19	19 48 44	27° 5'28	18°26	13°44	12°16	23°33	6°40	4°53	12°22	19°19	0°59	0°33	1°38	11°45	9°52	W19
T 20	19 52 41	28° 2'42	2°M33	15°31	13° 8	23°25	6°33	4°59	12°D21	19°18	1° 0	0°R33	1°35	11°52	9°50	T 20
F 21	19 56 37	28°59'57	16°35	17°17	14° 0	23°19	6°26	5° 4	12°21	19°16	1° 1	0°32	1°31	11°59	9°48	F 21
S 22	20 0 34	29°57'11	0°29	19° 0	14°52	23°14	6°20	5°10	12°22	19°14	1° 2	0°28	1°28	12° 5	9°46	S 22
S 23	20 4 31	0°D54'25	14°15	20°42	15°43	23° 9	6°13	5°15	12°22	19°13	1° 4	0°22	1°25	12°12	9°43	S 23
M24	20 8 27	1°51'39	27°51	22°22	16°33	23° 5	6° 7	5°21	12°22	19°11	1° 5	0°15	1°22	12°19	9°41	M24
T 25	20 12 24	2°48'53	11°B16	23°59	17°22	23° 2	6° 1	5°26	12°22	19°10	1° 6	0° 5	1°19	12°25	9°39	T 25
W26	20 16 20	3°46'07	24°26	25°35	18°11	23° 0	5°55	5°31	12°22	19° 8	1° 7	29°M56	1°15	12°32	9°37	W26
T 27	20 20 17	4°43'22	7°A22	27° 9	18°59	22°59	5°49	5°37	12°23	19° 7	1° 9	29°47	1°12	12°38	9°34	T 27
F 28	20 24 13	5°40'36	20° 2	28°40	19°46	22°D58	5°43	5°42	12°23	19° 5	1°10	29°39	1° 9	12°45	9°32	F 28
S 29	20 28 10	6°37'52	2°H27	0°M10	20°32	22°59	5°38	5°47	12°23	19° 4	1°11	29°34	1° 6	12°52	9°30	S 29
S 30	20 32 6	7°35'07	14°38	1°38	21°18	23° 0	5°32	5°52	12°24	19° 2	1°12	29°30	1° 3	12°58	9°27	S 30
M31	20 36 3	8°D32'24	26°H38	3°M 3	22°M 2	23°2	5°327	5°II56	12°M24	19°3	1°13	29°D29	1°5	13°Y 5	9°H25	M31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	22n59	10s28	3n 5	24n 0	0n49	14n43	1n42	27s15	3s55	22s50	0n13	18n45	1s58	15s 8	0n26	21s 2
S 2	22 55	7 3	2 10	24 1	0 58	14 19	1 38	27 17	3 57	22 51	0 13	18 46	1 58	15 8	0 26	21 2
M 3	22 50	3 25	1 9	24 0	1 6	13 55	1 35	27 19	3 59	22 52	0 13	18 48	1 58	15 7	0 26	21 3
T 4	22 44	0n19	0 7	23 56	1 14	13 31	1 31	27 20	4 2	22 52	0 13	18 49	1 58	15 7	0 26	21 3
W 5	22 39	4 0	0s56	23 48	1 21	13 7	1 27	27 22	4 3	22 53	0 13	18 50	1 58	15 7	0 26	21 3
T 6	22 33	7 33	1 56	23 39	1 28	12 42	1 23	27 23	4 5	22 53	0 12	18 51	1 59	15 7	0 26	21 3
F 7	22 26	10 48	2 51	23 26	1 33	12 17	1 19	27 24	4 7	22 54	0 12	18 52	1 59	15 6	0 26	21 4
S 8	22 20	13 40	3 40	23 11	1 38	11 52	1 14	27 25	4 9	22 55	0 12	18 53	1 59	15 6	0 25	21 4
S 9	22 12	15 58	4 20	22 54	1 42	11 27	1 10	27 26	4 10	22 55	0 12	18 54	1 59	15 6	0 25	21 4
M10	22 5	17 33	4 47	22 34	1 46	11 2	1 5	27 27	4 12	22 56	0 12	18 55	1 59	15 6	0 25	21 4
T 11	21 57	18 17	5 1	22 13	1 48	10 37	1 0	27 28	4 13	22 56	0 12	18 56	1 59	15 6	0 25	21 5
W12	21 48	18 2	4 59	21 49	1 50	10 11	0 55	27 29	4 14	22 57	0 12	18 57	1 59	15 6	0 25	21 5
T 13	21 40	16 44	4 40	21 23	1 51	9 45	0 50	27 29	4 15	22 57	0 11	18 58	1 59	15 6	0 25	21 5
F 14	21 31	14 26	4 4	20 56	1 52	9 20	0 45	27 30	4 16	22 58	0 11	18 59	1 59	15 6	0 25	21 5
S 15	21 21	11 15	3 12	20 27	1 51	8 54	0 39	27 30	4 17	22 59	0 11	19 0	1 59	15 6	0 25	21 5
S 16	21 11	7 24	2 8	19 56	1 50	8 28	0 33	27 30	4 18	22 59	0 11	19 1	2 0	15 5	0 25	21 6
M17	21 1	3 6	0 56	19 25	1 49	8 2	0 27	27 31	4 18	23 0	0 11	19 2	2 0	15 5	0 25	21 6
T 18	20 51	1s23	0n20	18 52	1 46	7 36	0 21	27 31	4 19	23 0	0 11	19 3	2 0	15 5	0 25	21 6
W19	20 40	5 45	1 34	18 18	1 43	7 10	0 15	27 31	4 19	23 1	0 11	19 4	2 0	15 5	0 25	21 6
T 20	20 29	9 46	2 42	17 43	1 40	6 44	0 9	27 31	4 20	23 1	0 10	19 5	2 0	15 5	0 25	21 7
F 21	20 17	13 13	3 40	17 7	1 36	6 18	0 2	27 31	4 20	23 2	0 10	19 6	2 0	15 5	0 25	21 7
S 22	20 5	15 52	4 25	16 31	1 31	5 52	0s 4	27 31	4 20	23 2	0 10	19 7	2 0	15 6	0 25	21 7
S 23	19 53	17 34	4 53	15 54	1 26	5 27	0 11	27 31	4 21	23 2	0 10	19 8	2 0	15 6	0 25	21 7
M24	19 40	18 15	5 5	15 17	1 20	5 1	0 18	27 31	4 21	23 3	0 10	19 8	2 0	15 6	0 25	21 8
T 25	19 28	17 54	4 59	14 39	1 14	4 35	0 25	27 31	4 21	23 3	0 10	19 9	2 1	15 6	0 25	21 8
W26	19 14	16 35	4 38	14 1	1 8	4 9	0 33	27 30	4 21	23 4	0 10	19 10	2 1	15 6	0 25	21 8
T 27	19 1	14 27	4 3	13 22	1 1	3 43	0 40	27 30	4 20	23 4	0 9	19 11	2 1	15 6	0 25	21 8
F 28	18 47	11 39	3 16	12 44	0 53	3 18	0 48	27 30	4 20	23 4	0 9	19 11	2 1	15 6	0 25	21 9
S 29	18 33	8 23	2 20	12 5	0 45	2 53	0 56	27 30	4 20	23 5	0 9	19 12	2 1	15 6	0 25	21 9
S 30	18 18	4 49	1 19	11 26	0 37	2 27	1 4	27 29	4 20	23 5	0 9	19 13	2 1	15 7	0 25	21 9
M31	18n 4	1s 6	0n15	10n47	0n28	2n 2	1s13	27s29	4s19	23s 6	0n 9	19n14	2s 1	15s 7	0n25	21s 9

Julian Day Number = 2688403.5, Delta T = 23m29s

Ecliptic obliquity = 23°21'08, Nutation = 0°00'01

Ayanamsha: Fagan/Bradley = 33°48'42, Lahiri = 32°55'42

## ASTRODIENST EPHEMERIS for the year 2648

AUGUST 2648

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 40 0	9♌29'41	8♍29	4♎27	22♏46	23♐5	5°R21	6♑1	12♒25	18°R59	1♓14	29♎30	0♏56	13♏12	9°R22	T 1
W 2	20 43 56	10°26'59	20°18	5°48	23°29	23°8	5♓16	6°6	12°26	18°58	1°16	29°31	0°53	13°18	9°R20	W 2
T 3	20 47 53	11°24'17	2♌7	7°7	24°10	23°13	5°11	6°11	12°26	18°56	1°17	29°32	0°50	13°25	9°17	T 3
F 4	20 51 49	12°21'36	14°4	8°24	24°51	23°18	5°6	6°15	12°27	18°55	1°18	29°R32	0°47	13°32	9°15	F 4
S 5	20 55 46	13°18'57	26°11	9°39	25°31	23°24	5°2	6°20	12°28	18°53	1°19	29°31	0°44	13°38	9°12	S 5
S 6	20 59 42	14°16'18	8♐36	10°52	26°9	23°31	4°57	6°24	12°29	18°52	1°20	29°29	0°41	13°45	9°9	S 6
M 7	21 3 39	15°13'40	21°21	12°2	26°47	23°38	4°53	6°29	12°30	18°50	1°21	29°24	0°37	13°52	9°7	M 7
T 8	21 7 35	16°11'03	4♑29	13°10	27°23	23°47	4°49	6°33	12°31	18°49	1°22	29°18	0°34	13°58	9°4	T 8
W 9	21 11 32	17°8'27	18°1	14°15	27°58	23°56	4°45	6°37	12°32	18°48	1°23	29°12	0°31	14°5	9°1	W 9
T 10	21 15 29	18°5'52	1♒57	15°17	28°32	24°6	4°41	6°41	12°33	18°46	1°24	29°5	0°28	14°12	8°58	T 10
F 11	21 19 25	19°3'18	16°13	16°17	29°4	24°17	4°37	6°45	12°34	18°45	1°25	28°59	0°25	14°18	8°56	F 11
S 12	21 23 22	20°0'44	0♎43	17°14	29°35	24°28	4°34	6°49	12°35	18°44	1°26	28°55	0°21	14°25	8°53	S 12
S 13	21 27 18	20°58'11	15°22	18°8	0♏5	24°40	4°30	6°53	12°36	18°42	1°27	28°53	0°18	14°31	8°50	S 13
M14	21 31 15	21°55'39	0♏2	18°59	0°33	24°53	4°27	6°56	12°37	18°41	1°28	28°D52	0°15	14°38	8°47	M14
T 15	21 35 11	22°53'08	14°39	19°47	1°0	25°7	4°24	7°0	12°39	18°40	1°29	28°53	0°12	14°45	8°44	T 15
W16	21 39 8	23°50'37	29°6	20°31	1°25	25°21	4°22	7°4	12°40	18°38	1°30	28°54	0°9	14°51	8°41	W16
T 17	21 43 4	24°48'07	13♐21	21°12	1°48	25°36	4°19	7°7	12°41	18°37	1°31	28°55	0°6	14°58	8°38	T 17
F 18	21 47 1	25°45'37	27°22	21°49	2°10	25°51	4°16	7°10	12°43	18°36	1°32	28°R56	0°2	15°5	8°35	F 18
S 19	21 50 58	26°43'09	11♑8	22°22	2°30	26°8	4°14	7°14	12°44	18°35	1°33	28°55	29♎59	15°11	8°33	S 19
S 20	21 54 54	27°40'41	24°40	22°50	2°48	26°25	4°12	7°17	12°46	18°34	1°34	28°53	29°56	15°18	8°30	S 20
M21	21 58 51	28°38'14	7♓56	23°15	3°4	26°42	4°10	7°20	12°48	18°32	1°34	28°49	29°53	15°25	8°27	M21
T 22	22 2 47	29°35'48	20°59	23°35	3°18	27°0	4°9	7°23	12°49	18°31	1°35	28°45	29°50	15°31	8°24	T 22
W23	22 6 44	0♎33'22	3♏48	23°49	3°30	27°19	4°7	7°26	12°51	18°30	1°36	28°40	29°47	15°38	8°21	W23
T 24	22 10 40	1°30'58	16°23	23°59	3°41	27°38	4°6	7°29	12°53	18°29	1°37	28°36	29°43	15°45	8°18	T 24
F 25	22 14 37	2°28'35	28°46	24°R 4	3°48	27°58	4°5	7°31	12°54	18°28	1°38	28°32	29°40	15°51	8°15	F 25
S 26	22 18 33	3°26'13	10♐58	24°3	3°54	28°19	4°4	7°34	12°56	18°27	1°38	28°30	29°37	15°58	8°12	S 26
S 27	22 22 30	4°23'52	23°1	23°57	3°58	28°40	4°3	7°37	12°58	18°26	1°39	28°D29	29°34	16°5	8°9	S 27
M28	22 26 27	5°21'32	4♏55	23°45	3°R59	29°1	4°2	7°39	13°0	18°25	1°40	28°29	29°31	16°11	8°5	M28
T 29	22 30 23	6°19'14	16°44	23°28	3°58	29°23	4°2	7°41	13°2	18°24	1°41	28°30	29°27	16°18	8°2	T 29
W30	22 34 20	7°16'58	28°32	23°5	3°54	29°46	4°2	7°43	13°4	18°23	1°41	28°31	29°24	16°24	7°59	W30
T 31	22 38 16	8♎14'43	10♒22	22♎36	3♏48	0♓9	4°D 2	7♐46	13♐6	18♓22	1♓42	28♎33	29♎21	16°Y31	7°X56	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	17n49	2n37	0s48	10n 9	0n19	1n37	1s21	27s29	4s19	23s 6	0n 9	19n14	2s 1	15s 7	0n25	21s 9
W 2	17 33	6 12	1 50	9 31	0 10	1 12	1 30	27 28	4 18	23 6	0 9	19 15	2 2	15 7	0 25	21 10
T 3	17 18	9 33	2 47	8 52	0 1	0 48	1 39	27 28	4 18	23 7	0 8	19 16	2 2	15 7	0 25	21 10
F 4	17 2	12 32	3 38	8 15	0s 9	0 23	1 48	27 28	4 17	23 7	0 8	19 16	2 2	15 8	0 25	21 10
S 5	16 46	15 2	4 19	7 37	0 19	0s 1	1 57	27 27	4 17	23 7	0 8	19 17	2 2	15 8	0 25	21 10
S 6	16 29	16 53	4 49	7 0	0 30	0 25	2 6	27 27	4 16	23 8	0 8	19 18	2 2	15 8	0 25	21 11
M 7	16 13	17 58	5 7	6 24	0 41	0 48	2 16	27 27	4 15	23 8	0 8	19 18	2 2	15 8	0 25	21 11
T 8	15 56	18 8	5 8	5 48	0 51	1 11	2 26	27 26	4 14	23 8	0 8	19 19	2 3	15 9	0 25	21 11
W 9	15 39	17 18	4 53	5 13	1 2	1 34	2 35	27 26	4 13	23 9	0 8	19 19	2 3	15 9	0 24	21 11
T 10	15 21	15 25	4 21	4 39	1 14	1 57	2 46	27 26	4 13	23 9	0 7	19 20	2 3	15 9	0 24	21 11
F 11	15 3	12 34	3 31	4 5	1 25	2 19	2 56	27 25	4 12	23 9	0 7	19 20	2 3	15 10	0 24	21 12
S 12	14 45	8 53	2 27	3 32	1 37	2 41	3 6	27 25	4 11	23 9	0 7	19 21	2 3	15 10	0 24	21 12
S 13	14 27	4 38	1 13	3 1	1 48	3 3	3 17	27 24	4 10	23 10	0 7	19 21	2 3	15 11	0 24	21 12
M14	14 9	0 5	0n 6	2 30	2 0	3 24	3 27	27 24	4 9	23 10	0 7	19 22	2 3	15 11	0 24	21 12
T 15	13 50	4s27	1 25	2 1	2 12	3 44	3 38	27 23	4 8	23 10	0 7	19 22	2 4	15 11	0 24	21 12
W16	13 31	8 39	2 38	1 33	2 23	4 4	3 49	27 23	4 7	23 10	0 7	19 23	2 4	15 12	0 24	21 13
T 17	13 12	12 18	3 39	1 6	2 35	4 24	4 0	27 22	4 5	23 11	0 6	19 23	2 4	15 12	0 24	21 13
F 18	12 53	15 10	4 27	0 41	2 46	4 43	4 12	27 21	4 4	23 11	0 6	19 23	2 4	15 13	0 24	21 13
S 19	12 34	17 6	4 58	0 18	2 58	5 1	4 23	27 21	4 3	23 11	0 6	19 24	2 4	15 13	0 24	21 13
S 20	12 14	18 3	5 12	0s 4	3 9	5 19	4 35	27 20	4 2	23 11	0 6	19 24	2 4	15 14	0 24	21 13
M21	11 54	17 58	5 9	0 24	3 20	5 36	4 46	27 19	4 1	23 11	0 6	19 24	2 5	15 14	0 24	21 14
T 22	11 34	16 57	4 50	0 41	3 31	5 52	4 58	27 19	4 0	23 12	0 6	19 25	2 5	15 15	0 24	21 14
W23	11 14	15 4	4 16	0 57	3 41	6 8	5 10	27 18	3 58	23 12	0 6	19 25	2 5	15 15	0 24	21 14
T 24	10 54	12 31	3 31	1 10	3 51	6 22	5 21	27 17	3 57	23 12	0 5	19 25	2 5	15 16	0 24	21 14
F 25	10 33	9 25	2 36	1 20	4 1	6 36	5 33	27 16	3 56	23 12	0 5	19 26	2 5	15 16	0 24	21 14
S 26	10 13	5 58	1 35	1 28	4 9	6 49	5 45	27 15	3 55	23 12	0 5	19 26	2 5	15 17	0 24	21 14
S 27	9 52	2 18	0 30	1 33	4 17	7 1	5 56	27 14	3 53	23 12	0 5	19 26	2 6	15 18	0 24	21 15
M28	9 31	1n24	0s35	1 35	4 24	7 13	6 8	27 13	3 52	23 13	0 5	19 26	2 6	15 18	0 24	21 15
T 29	9 10	5 2	1 39	1 33	4 30	7 23	6 20	27 12	3 51	23 13	0 5	19 26	2 6	15 19	0 24	21 15
W30	8 48	8 27	2 39	1 28	4 35	7 32	6 31	27 10	3 49	23 13	0 5	19 27	2 6	15 19	0 24	21 15
T 31	8n27	11n32	3s31	1s20	4s38	7s40	6s42	27s 9	3s48	23s13	0n 4	19n27	2s 6	15s20	0n24	21s15

Julian Day Number = 2688434.5, Delta T = 23m29s

Ecliptic obliquity = 23°21'09, Nutation = 0°00'01

Ayanamsha: Fagan/Bradley = 33°48'46, Lahiri = 32°55'46

## ASTRODIENST EPHEMERIS for the year 2648

SEPTEMBER 2648

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 42 13	9 <sup>h</sup> 12'29"	22 <sup>h</sup> 8'17"	22°R 2	3°R40	0 <sup>h</sup> 33'	4 <sup>h</sup> 3'	7 <sup>h</sup> 11'48"	13 <sup>h</sup> 11'8"	18°R21	1 <sup>h</sup> 54'3"	28 <sup>h</sup> 11'34"	29 <sup>h</sup> 11'18"	16 <sup>h</sup> 11'38"	7°R53	F 1
S 2	22 46 9	10°10'17"	4 <sup>h</sup> 11'24"	21 <sup>h</sup> 11'23"	3 <sup>h</sup> 11'30"	0°57'	4° 2'	7°50'	13°10'	18 <sup>h</sup> 3 <sup>h</sup> 20'	1°43'	28°35'	29°15'	16°44'	7 <sup>h</sup> 11'50"	S 2
S 3	22 50 6	11° 8'07"	16°47'	20°39'	3°17'	1°21'	4° 3'	7°51'	13°13'	18°20'	1°44'	28°R35	29°12'	16°51'	7°47'	S 3
M 4	22 54 2	12° 5'59"	29°29'	19°51'	3° 2'	1°46'	4° 3'	7°53'	13°15'	18°19'	1°44'	28°34'	29° 8'	16°58'	7°44'	M 4
T 5	22 57 59	13° 3'52"	12 <sup>h</sup> 53'36"	19° 0'	2°44'	2°12'	4° 4'	7°55'	13°17'	18°18'	1°45'	28°33'	29° 5'	17° 4'	7°41'	T 5
W 6	23 1 56	14° 1'47"	26° 8'	18° 7'	2°24'	2°38'	4° 5'	7°56'	13°19'	18°17'	1°46'	28°31'	29° 2'	17°11'	7°38'	W 6
T 7	23 5 52	14°59'44"	10 <sup>h</sup> 6'12"	17°12'	2° 2'	3° 4'	4° 7'	7°58'	13°22'	18°17'	1°46'	28°29'	28°59'	17°18'	7°35'	T 7
F 8	23 9 49	15°57'42"	24°29'	16°16'	1°38'	3°31'	4° 8'	7°59'	13°24'	18°16'	1°47'	28°28'	28°56'	17°24'	7°32'	F 8
S 9	23 13 45	16°55'42"	9 <sup>h</sup> 12'12"	15°22'	1°12'	3°58'	4°10'	8° 0'	13°27'	18°15'	1°47'	28°27'	28°52'	17°31'	7°29'	S 9
S 10	23 17 42	17°53'43"	24° 9'	14°29'	0°44'	4°26'	4°11'	8° 1'	13°29'	18°15'	1°48'	28°D26	28°49'	17°38'	7°26'	S 10
M11	23 21 38	18°51'46"	9 <sup>h</sup> 11'11"	13°39'	0°14'	4°54'	4°14'	8° 2'	13°32'	18°14'	1°48'	28°26'	28°46'	17°44'	7°23'	M11
T 12	23 25 35	19°49'51"	24° 9'	12°54'	29 <sup>h</sup> 11'43"	5°22'	4°16'	8° 3'	13°34'	18°13'	1°48'	28°27'	28°43'	17°51'	7°20'	T 12
W13	23 29 31	20°47'57"	8 <sup>h</sup> 11'57"	12°14'	29°10'	5°51'	4°18'	8° 4'	13°37'	18°13'	1°49'	28°28'	28°40'	17°58'	7°17'	W13
T 14	23 33 28	21°46'04"	13°28'	11°40'	28°35'	6°20'	4°21'	8° 4'	13°39'	18°12'	1°49'	28°28'	28°37'	18° 4'	7°14'	T 14
F 15	23 37 24	22°44'13"	7 <sup>h</sup> 11'39"	11°14'	28° 0'	6°50'	4°23'	8° 5'	13°42'	18°12'	1°50'	28°29'	28°33'	18°11'	7°12'	F 15
S 16	23 41 21	23°42'23"	21°27'	10°55'	27°24'	7°20'	4°26'	8° 5'	13°45'	18°11'	1°50'	28°R29	28°30'	18°18'	7° 9'	S 16
S 17	23 45 18	24°40'35"	4 <sup>h</sup> 3'54"	10°44'	26°47'	7°51'	4°29'	8° 6'	13°48'	18°11'	1°50'	28°29'	28°27'	18°24'	7° 6'	S 17
M18	23 49 14	25°38'48"	18° 0'	10°D42	26°10'	8°21'	4°33'	8° 6'	13°50'	18°11'	1°50'	28°29'	28°24'	18°31'	7° 3'	M18
T 19	23 53 11	26°37'02"	0 <sup>h</sup> 11'48"	10°49'	25°33'	8°52'	4°36'	8°R 6'	13°53'	18°10'	1°51'	28°28'	28°21'	18°38'	7° 0'	T 19
W20	23 57 7	27°35'18"	13°20'	11° 5'	24°56'	9°24'	4°40'	8° 6'	13°56'	18°10'	1°51'	28°28'	28°18'	18°44'	6°57'	W20
T 21	0 1 4	28°33'36"	25°39'	11°30'	24°19'	9°56'	4°44'	8° 6'	13°59'	18°10'	1°51'	28°D28	28°14'	18°51'	6°55'	T 21
F 22	0 5 0	29°31'55"	7 <sup>h</sup> 11'48"	12° 4'	23°43'	10°28'	4°48'	8° 5'	14° 2'	18° 9'	1°51'	28°28'	28°11'	18°57'	6°52'	F 22
S 23	0 8 57	0 <sup>h</sup> 11'30'15"	19°48'	12°46'	23° 8'	11° 0'	4°52'	8° 5'	14° 5'	18° 9'	1°52'	28°28'	28° 8'	19° 4'	6°49'	S 23
S 24	0 12 53	1°28'38"	1 <sup>h</sup> 11'42"	13°36'	22°33'	11°33'	4°56'	8° 5'	14° 8'	18° 9'	1°52'	28°R28	28° 5'	19°11'	6°47'	S 24
M25	0 16 50	2°27'02"	13°32'	14°35'	22° 0'	12° 6'	5° 1'	8° 4'	14°11'	18° 9'	1°52'	28°28'	28° 2'	19°17'	6°44'	M25
T 26	0 20 47	3°25'28"	25°20'	15°40'	21°28'	12°39'	5° 5'	8° 4'	14°14'	18° 9'	1°52'	28°28'	27°58'	19°24'	6°41'	T 26
W27	0 24 43	4°23'56"	7 <sup>h</sup> 11'9"	16°52'	20°59'	13°12'	5°10'	8° 3'	14°17'	18° 9'	1°52'	28°27'	27°55'	19°31'	6°39'	W27
T 28	0 28 40	5°22'27"	19° 1'	18°10'	20°30'	13°46'	5°15'	8° 2'	14°20'	18° 9'	1°52'	28°26'	27°52'	19°37'	6°36'	T 28
F 29	0 32 36	6°20'59"	0 <sup>h</sup> 11'59"	19°33'	20° 4'	14°20'	5°20'	8° 1'	14°23'	18°D 8'	1°52'	28°25'	27°49'	19°44'	6°34'	F 29
S 30	0 36 33	7 <sup>h</sup> 11'19'33"	13 <sup>h</sup> 11'7"	21 <sup>h</sup> 11'1"	19 <sup>h</sup> 11'40"	14 <sup>h</sup> 11'55"	5 <sup>h</sup> 20'26"	8 <sup>h</sup> 11'0"	14 <sup>h</sup> 11'26"	18 <sup>h</sup> 11'8"	1 <sup>h</sup> 52'52"	28 <sup>h</sup> 11'24"	27 <sup>h</sup> 11'46"	19 <sup>h</sup> 11'51"	6 <sup>h</sup> 11'31"	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	8n 5	14n 9	4s15	1s 9	4s40	7s47	6s53	27s 8	3s47	23s13	0n 4	19n27	2s 7	15s21	0n24	21s15	0n51	15n 3	8s18	0n34	0n17	5n 6	3s11	5n48					
S 2	7 44	16 13	4 49	0 54	4 41	7 52	7 4	27 6	3 45	23 13	0 4	19 27	2 7	15 21	0 24	21 16	0 51	15 3	8 18	0 34	0 18	5 7	3 12	5 48					
S 3	7 22	17 33	5 10	0 36	4 40	7 57	7 14	27 5	3 44	23 13	0 4	19 27	2 7	15 22	0 24	21 16	0 51	15 3	8 18	0 34	0 19	5 9	3 14	5 48					
M 4	7 0	18 5	5 17	0 14	4 36	8 0	7 25	27 3	3 42	23 14	0 4	19 27	2 7	15 23	0 24	21 16	0 51	15 3	8 18	0 34	0 20	5 11	3 15	5 48					
T 5	6 38	17 40	5 7	0n10	4 32	8 2	7 34	27 1	3 41	23 14	0 4	19 27	2 7	15 24	0 24	21 16	0 51	15 2	8 18	0 35	0 22	5 13	3 16	5 48					
W 6	6 16	16 15	4 41	0 37	4 25	8 2	7 44	26 59	3 40	23 14	0 4	19 27	2 7	15 24	0 24	21 16	0 51	15 2	8 18	0 35	0 23	5 14	3 17	5 48					
T 7	5 53	13 50	3 57	1 6	4 16	8 2	7 52	26 57	3 38	23 14	0 4	19 27	2 8	15 25	0 24	21 16	0 51	15 2	8 18	0 36	0 24	5 16	3 18	5 48					
F 8	5 31	10 31	2 57	1 37	4 5	8 0	8 0	26 55	3 37	23 14	0 3	19 27	2 8	15 26	0 24	21 16	0 51	15 2	8 18	0 37	0 25	5 18	3 20	5 48					
S 9	5 9	6 28	1 45	2 10	3 53	7 56	8 8	26 53	3 35	23 14	0 3	19 27	2 8	15 26	0 24	21 17	0 51	15 2	8 19	0 37	0 27	5 20	3 21	5 47					
S 10	4 46	1 57	0 24	2 43	3 39	7 52	8 15	26 50	3 34	23 14	0 3	19 27	2 8	15 27	0 24	21 17	0 51	15 2	8 19	0 37	0 28	5 21	3 22	5 47					
M11	4 23	2s43	0n59	3 16	3 23	7 45	8 21	26 48	3 32	23 14	0 3	19 27	2 8	15 28	0 24	21 17	0 51	15 2	8 19	0 37	0 29	5 23	3 23	5 47					
T 12	4 1	7 12	2 18	3 49	3 7	7 38	8 27	26 45	3 31	23 14	0 3	19 27	2 8	15 29	0 24	21 17	0 51	15 1	8 19	0 37	0 31	5 25	3 24	5 47					
W13	3 38	11 10	3 27	4 20	2 49	7 29	8 31	26 43	3 29	23 14	0 3	19 27	2 9	15 30	0 24	21 17	0 51	15 1	8 19	0 37	0 32	5 27	3 26	5 47					
T 14	3 15	14 22	4 21	4 50	2 30	7 19	8 35	26 40	3 28	23 14	0 3	19 27	2 9	15 30	0 23	21 17	0 51	15 1	8 19	0 36	0 33	5 28	3 27	5 47					
F 15	2 52	16 37	4 57	5 18	2 11	7 8	8 38	26 37	3 26	23 14	0 3	19 27	2 9	15 31	0 23	21 17	0 51	15 1	8 19	0 36	0 34	5 30	3 28	5 47					
S 16	2 29	17 50	5 15	5 43	1 52	6 56	8 40	26 34	3 25	23 14	0 2	19 27	2 9	15 32	0 23	21 17	0 51	15 1	8 20	0 36	0 36	5 32	3 29	5 46					
S 17	2 6	18 0	5 16	6 5	1 33	6 42	8 41	26 30	3 23	23 14	0 2	19 27	2 9	15 33	0 23	21 17	0 50	15 1	8 20	0 36	0 37	5 34	3 30	5 46					
M18	1 43	17 12	5 0	6 24	1 13	6 28	8 42	26 27	3 22	23 14	0 2	19 27	2 10	15 34	0 23	21 17	0 50	15 1	8 20	0 36	0 38	5 35	3 32	5 46					
T 19	1 20	15 32	4 29	6 38	0 55	6 13	8 41	26 23	3 20	23 14	0 2	19 27	2 10	15 35	0 23	21 18	0 50	15 0	8 20	0 36	0 39	5 37	3 33	5 46					
W20	0 57	13 9	3 46	6 49	0 36	5 56	8 39	26 20	3 19	23 14	0 2	19 26	2 10	15 36	0 23	21 18	0 50	15 0	8 20	0 36	0 41	5 39	3 34	5 46					
T 21	0 34	10 13	2 53	6 56	0 19	5 40	8 37	26 16	3 17	23 14	0 2	19 26	2 10	15 36	0 23	21 18	0 50	15 0	8 20	0 36	0 42	5 41	3 35	5 45					
F 22	0 11	6 52	1 52	6 58	0 2	5 22	8 33	26 12	3 16	23 14	0 2	19 26	2 10	15 37	0 23	21 18	0 50	15 0	8 20	0 36	0 43	5 42	3 36	5 45					
S 23	0s12	3 17	0 48	6 57	0n13	5 4	8 29	26 8	3 14	23 14	0 2	19 26	2 10	15 38	0 23	21 18	0 50	15 0	8 21	0 36	0 44	5 44	3 38	5 45					
S 24	0 35	0n24	0s18	6 51	0 28	4 46	8 23	26 3	3 13	23 14	0 1	19 26	2 11	15 39	0 23	21 18	0 50	15 0	8 21	0 36	0 46	5 46	3 39	5 45					
M25	0 58	4 3	1 23	6 41	0 41	4 28	8 17	25 59	3 11	23 14	0 1	19 25	2 11	15 40	0 23	21 18	0 50	15 0	8 21	0 36	0 47	5 48	3 40	5 45					
T 26	1 21	7 32	2 24	6 27	0 53	4 9	8 10	25 54	3 10	23 14	0 1	19 25	2 11	15 41	0 23	21 18	0 50	14 59	8 21	0 37	0 48	5 49	3 41	5 44					
W27	1 45	10 43	3 19	6 10	1 4	3 50	8 3	25 49	3 8	23 14	0 1	19 25	2 11	15 42	0 23	21 18	0 50	14 59	8 21	0 37	0 49	5 51	3 42	5 44					
T 28	2 8	13 28	4 5	5 48	1 14	3 32	7 55	25 44	3 7	23 14	0 1	19 24	2 11	15 43	0 23	21 18	0 50	14 59	8 21	0 37	0 51	5 53	3 43	5 44					
F 29	2 31	15 41	4 42	5 24	1 13	3 12	7 46	25 39	3 5	23 14	0 1	19 24	2 11	15 44	0 23	21 18	0 50	14 59	8 21	0 38	0 52	5 54	3 45	5 44					
S 30	2s54	17n14	5s 6	4n56	1n30	2s55	7s36	25s34	3s 4	23s14	0n 1	19n24	2s12	15s45	0n23	21s18	0n50	14n59	8s22	0n38	0n53	5n56	3s46	5n43					

## ASTRODIENST EPHEMERIS for the year 2648

OCTOBER 2648

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 40 29	8♂18'10	25♂29	22♂34	19°R18	15♂29	5♂31	7°R59	14♂30	18♂9	1°R52	28°R24	27♂43	19°Y57	6°R29	S 1
M 2	0 44 26	9°16'49	8♂8	24°10	18♂58	16°4	5°37	7♂57	14°33	18°9	1♂52	28°D23	27°39	20°4	6°R26	M 2
T 3	0 48 22	10°15'30	21°8	25°49	18°41	16°39	5°43	7°56	14°36	18°9	1°52	28♂23	27°36	20°11	6°24	T 3
W 4	0 52 19	11°14'13	4♂32	27°31	18°26	17°15	5°49	7°55	14°39	18°9	1°52	28°24	27°33	20°17	6°22	W 4
T 5	0 56 16	12°12'58	18°23	29°15	18°13	17°50	5°55	7°53	14°43	18°9	1°52	28°25	27°30	20°24	6°19	T 5
F 6	1 0 12	13°11'46	2♂40	1♂0	18°3	18°26	6°1	7°51	14°46	18°9	1°52	28°26	27°27	20°31	6°17	F 6
S 7	1 4 9	14°10'35	17°21	2°47	17°55	19°2	6°7	7°49	14°49	18°9	1°52	28°27	27°24	20°37	6°15	S 7
S 8	1 8 5	15°9'27	2♂21	4°34	17°50	19°39	6°14	7°48	14°53	18°10	1°52	28°R27	27°20	20°44	6°13	S 8
M 9	1 12 2	16°8'21	17°32	6°22	17°47	20°15	6°21	7°46	14°56	18°10	1°52	28°27	27°17	20°51	6°11	M 9
T 10	1 15 58	17°7'16	2♂45	8°11	17°D47	20°52	6°28	7°43	14°59	18°10	1°52	28°25	27°14	20°57	6°9	T 10
W 11	1 19 55	18°6'14	17°50	9°59	17°49	21°29	6°35	7°41	15°3	18°11	1°51	28°23	27°11	21°4	6°7	W 11
T 12	1 23 51	19°5'14	2♂38	11°48	17°53	22°6	6°42	7°39	15°6	18°11	1°51	28°20	27°8	21°11	6°5	T 12
F 13	1 27 48	20°4'15	17°3	13°36	17°59	22°44	6°49	7°37	15°10	18°12	1°51	28°17	27°4	21°17	6°3	F 13
S 14	1 31 44	21°3'18	1♂1	15°24	18°8	23°21	6°57	7°34	15°13	18°12	1°51	28°15	27°1	21°24	6°1	S 14
S 15	1 35 41	22°2'23	14°31	17°12	18°19	23°59	7°4	7°31	15°17	18°12	1°50	28°14	26°58	21°31	5°59	S 15
M 16	1 39 38	23°1'30	27°36	18°59	18°32	24°37	7°12	7°29	15°20	18°13	1°50	28°D14	26°55	21°37	5°57	M 16
T 17	1 43 34	24°0'38	10♂19	20°45	18°47	25°15	7°20	7°26	15°24	18°14	1°50	28°15	26°52	21°44	5°56	T 17
W 18	1 47 31	24°59'48	22°42	22°31	19°4	25°54	7°28	7°23	15°28	18°14	1°49	28°16	26°49	21°51	5°54	W 18
T 19	1 51 27	25°59'00	4♂52	24°16	19°23	26°32	7°36	7°20	15°31	18°15	1°49	28°18	26°45	21°57	5°52	T 19
F 20	1 55 24	26°58'13	16°50	26°0	19°44	27°11	7°44	7°17	15°35	18°15	1°49	28°20	26°42	22°4	5°51	F 20
S 21	1 59 20	27°57'28	28°43	27°44	20°6	27°50	7°53	7°14	15°38	18°16	1°48	28°R20	26°39	22°11	5°49	S 21
S 22	2 3 17	28°56'46	10°Y31	29°27	20°31	28°29	8°1	7°11	15°42	18°17	1°48	28°19	26°36	22°17	5°48	S 22
M 23	2 7 13	29°56'05	22°20	1♂9	20°57	29°8	8°10	7°7	15°46	18°18	1°47	28°17	26°33	22°24	5°46	M 23
T 24	2 11 10	0♂55'26	4♂9	2°51	21°25	29°48	8°19	7°4	15°49	18°18	1°47	28°13	26°29	22°30	5°45	T 24
W 25	2 15 7	1°54'49	16°3	4°32	21°54	0♂27	8°28	7°1	15°53	18°19	1°46	28°8	26°26	22°37	5°44	W 25
T 26	2 19 3	2°54'14	28°1	6°12	22°25	1°7	8°37	6°57	15°57	18°20	1°46	28°2	26°23	22°44	5°43	T 26
F 27	2 23 0	3°53'42	10♂1	7°52	22°58	1°47	8°46	6°53	16°0	18°21	1°45	27°55	26°20	22°50	5°41	F 27
S 28	2 26 56	4°53'11	22°22	9°31	23°32	2°27	8°55	6°50	16°4	18°22	1°45	27°49	26°17	22°57	5°40	S 28
S 29	2 30 53	5°52'43	4♂48	11°9	24°7	3°7	9°4	6°46	16°8	18°23	1°44	27°44	26°14	23°4	5°39	S 29
M 30	2 34 49	6°52'17	17°28	12°46	24°44	3°47	9°14	6°42	16°12	18°24	1°44	27°40	26°10	23°10	5°38	M 30
T 31	2 38 46	7♂51'54	0♂25	14♂23	25♂22	4♂28	9♂24	6♂38	16♂15	18♂25	1♂43	27♂38	26♂7	23°Y17	5♂37	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	3s17	18n0	5s17	4n25	1n37	2s38	7s26	25s28	3s2	23s14	0n1	19n23	2s12	15s46	0n23	21s18
M 2	3 40	17 54	5 13	3 52	1 42	2 20	7 16	25 23	3 0	23 14	0 1	19 23	2 12	15 47	0 23	21 18
T 3	4 3	16 53	4 53	3 17	1 46	2 4	7 5	25 17	2 59	23 13	0 0	19 23	2 12	15 48	0 23	21 18
W 4	4 26	14 54	4 16	2 39	1 49	1 47	6 53	25 11	2 57	23 13	0 0	19 22	2 12	15 49	0 23	21 18
T 5	4 49	12 51	3 24	2 0	1 51	1 32	6 42	25 4	2 56	23 13	0 0	19 22	2 12	15 50	0 23	21 18
F 6	5 12	8 20	2 18	1 19	1 52	1 17	6 30	24 58	2 54	23 13	0 0	19 22	2 13	15 51	0 23	21 18
S 7	5 34	4 2	1 1	0 37	1 52	1 3	6 18	24 51	2 53	23 13	0s0	19 21	2 13	15 52	0 23	21 18
S 8	5 57	0s36	0n22	0s6	1 52	0 50	6 6	24 45	2 51	23 13	0 0	19 21	2 13	15 53	0 23	21 18
M 9	6 20	5 16	1 44	0 49	1 51	0 37	5 54	24 38	2 50	23 12	0 0	19 20	2 13	15 54	0 23	21 18
T 10	6 42	9 35	2 59	1 34	1 49	0 26	5 41	24 30	2 48	23 12	0 0	19 20	2 13	15 55	0 23	21 18
W 11	7 5	13 14	4 0	2 18	1 47	0 15	5 29	24 23	2 46	23 12	0 0	19 19	2 13	15 56	0 23	21 18
T 12	7 27	15 57	4 44	3 3	1 44	0 5	5 16	24 15	2 45	23 12	0 1	19 19	2 13	15 57	0 23	21 18
F 13	7 49	17 35	5 9	3 48	1 40	0n4	5 4	24 8	2 43	23 11	0 1	19 18	2 14	15 58	0 23	21 18
S 14	8 11	18 6	5 15	4 34	1 36	0 12	4 51	24 0	2 42	23 11	0 1	19 18	2 14	15 59	0 23	21 18
S 15	8 33	17 33	5 3	5 19	1 32	0 19	4 39	23 52	2 40	23 11	0 1	19 17	2 14	16 0	0 23	21 18
M 16	8 55	16 4	4 35	6 4	1 27	0 26	4 26	23 43	2 39	23 10	0 1	19 17	2 14	16 1	0 23	21 18
T 17	9 17	13 50	3 54	6 48	1 22	0 31	4 14	23 35	2 37	23 10	0 1	19 16	2 14	16 2	0 23	21 18
W 18	9 39	11 0	3 4	7 32	1 17	0 36	4 2	23 26	2 35	23 10	0 1	19 15	2 14	16 3	0 23	21 18
T 19	10 0	7 45	2 6	8 16	1 11	0 39	3 50	23 17	2 34	23 9	0 1	19 15	2 14	16 4	0 23	21 18
F 20	10 21	4 13	1 3	8 59	1 6	0 42	3 38	23 8	2 32	23 9	0 1	19 14	2 14	16 5	0 23	21 18
S 21	10 43	0 33	0s2	9 42	1 0	0 44	3 27	22 59	2 31	23 9	0 1	19 14	2 15	16 6	0 23	21 18
S 22	11 4	3n8	1 6	10 24	0 53	0 45	3 15	22 49	2 29	23 8	0 2	19 13	2 15	16 7	0 23	21 18
M 23	11 25	6 41	2 8	11 6	0 47	0 46	3 4	22 40	2 28	23 8	0 2	19 12	2 15	16 8	0 23	21 18
T 24	11 45	9 59	3 4	11 47	0 41	0 45	2 52	22 30	2 26	23 7	0 2	19 12	2 15	16 9	0 23	21 18
W 25	12 6	12 53	3 52	12 27	0 34	0 44	2 41	22 20	2 25	23 7	0 2	19 11	2 15	16 10	0 23	21 18
T 26	12 26	15 16	4 30	13 7	0 27	0 41	2 30	22 10	2 23	23 6	0 2	19 10	2 15	16 11	0 23	21 18
F 27	12 46	17 0	4 56	13 45	0 21	0 38	2 20	21 59	2 21	23 6	0 2	19 10	2 15	16 12	0 23	21 17
S 28	13 6	17 59	5 9	14 23	0 14	0 35	2 9	21 49	2 20	23 5	0 2	19 9	2 15	16 14	0 23	21 17
S 29	13 26	18 8	5 8	15 0	0 7	0 30	1 59	21 38	2 18	23 5	0 2	19 8	2 15	16 15	0 23	21 17
M 30	13 46	17 23	4 53	15 37	0 0	0 25	1 49	21 27	2 17	23 4	0 2	19 8	2 15	16 16	0 23	21 17
T 31	14s5	15n44	4s22	16s12	0s7	0n19	1s39	21s16	2s15	23s4	0s2	19n7	2s15	16s17	0n23	21s17

Julian Day Number = 2688495.5, Delta T = 23m30s

Ecliptic obliquity = 23°21'09, Nutation = - 0°00'01

Ayanamsha: Fagan/Bradley = 33°48'55, Lahiri = 32°55'54

## ASTRODIENST EPHEMERIS for the year 2648

NOVEMBER 2648

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 42 42	8♈51'32	13♈42	16♈ 0	26♈ 1	5♈ 8	9♈33	6°R34	16♈19	18♈26	1°R42	27°D38	26♈ 4	23♈24	5°R36	W 1
T 2	2 46 39	9°51'13	27°21	17°35	26°42	5°49	9°43	6°II30	16°23	18°27	1°42	27°39	26° 1	23°30	5°R36	T 2
F 3	2 50 36	10°50'56	11♈24	19°11	27°23	6°30	9°53	6°26	16°27	18°28	1°41	27°40	25°58	23°37	5°35	F 3
S 4	2 54 32	11°50'41	25°50	20°45	28° 6	7°10	10° 3	6°22	16°30	18°29	1°40	27°R41	25°55	23°44	5°34	S 4
S 5	2 58 29	12°50'29	10♈38	22°19	28°50	7°51	10°13	6°18	16°34	18°30	1°40	27°40	25°51	23°50	5°34	S 5
M 6	3 2 25	13°50'18	25°41	23°53	29°35	8°33	10°24	6°14	16°38	18°32	1°39	27°38	25°48	23°57	5°33	M 6
T 7	3 6 22	14°50'10	10♈52	25°26	0♈20	9°14	10°34	6° 9	16°42	18°33	1°38	27°33	25°45	24° 4	5°32	T 7
W 8	3 10 18	15°50'04	26° 0	26°59	1° 7	9°55	10°45	6° 5	16°45	18°34	1°37	27°26	25°42	24°10	5°32	W 8
T 9	3 14 15	16°49'59	10♈56	28°31	1°55	10°37	10°55	6° 0	16°49	18°35	1°37	27°18	25°39	24°17	5°32	T 9
F 10	3 18 11	17°49'56	25°31	0♈ 3	2°43	11°18	11° 6	5°56	16°53	18°37	1°36	27°10	25°35	24°24	5°31	F 10
S 11	3 22 8	18°49'55	9♈39	1°34	3°32	12° 0	11°17	5°51	16°57	18°38	1°35	27° 3	25°32	24°30	5°31	S 11
S 12	3 26 5	19°49'56	23°18	3° 4	4°23	12°42	11°27	5°47	17° 1	18°39	1°34	26°58	25°29	24°37	5°31	S 12
M13	3 30 1	20°49'58	6♈28	4°35	5°14	13°24	11°38	5°42	17° 4	18°41	1°33	26°55	25°26	24°44	5°31	M13
T 14	3 33 58	21°50'02	19°12	6° 4	6° 5	14° 6	11°50	5°38	17° 8	18°42	1°33	26°D54	25°23	24°50	5°31	T 14
W15	3 37 54	22°50'07	1♈34	7°34	6°58	14°48	12° 1	5°33	17°12	18°44	1°32	26°54	25°20	24°57	5°D31	W15
T 16	3 41 51	23°50'14	13°41	9° 3	7°51	15°30	12°12	5°28	17°16	18°45	1°31	26°55	25°16	25° 4	5°31	T 16
F 17	3 45 47	24°50'22	25°36	10°31	8°44	16°12	12°23	5°23	17°19	18°46	1°30	26°R56	25°13	25°10	5°31	F 17
S 18	3 49 44	25°50'32	7°V24	11°59	9°39	16°55	12°35	5°19	17°23	18°48	1°29	26°55	25°10	25°17	5°31	S 18
S 19	3 53 40	26°50'43	19°12	13°26	10°34	17°37	12°46	5°14	17°27	18°50	1°28	26°52	25° 7	25°24	5°31	S 19
M20	3 57 37	27°50'56	1♈ 1	14°53	11°30	18°20	12°58	5° 9	17°31	18°51	1°27	26°47	25° 4	25°30	5°32	M20
T 21	4 1 34	28°51'11	12°55	16°19	12°26	19° 2	13° 9	5° 4	17°34	18°53	1°26	26°39	25° 1	25°37	5°32	T 21
W22	4 5 30	29°51'27	24°56	17°44	13°23	19°45	13°21	4°59	17°38	18°54	1°25	26°29	24°57	25°44	5°32	W22
T 23	4 9 27	0♈51'45	7♈ 5	19° 9	14°20	20°28	13°33	4°55	17°42	18°56	1°24	26°17	24°54	25°50	5°33	T 23
F 24	4 13 23	1°52'04	19°24	20°33	15°18	21°10	13°45	4°50	17°45	18°58	1°23	26° 4	24°51	25°57	5°33	F 24
S 25	4 17 20	2°52'26	1♈52	21°56	16°16	21°53	13°57	4°45	17°49	18°59	1°22	25°52	24°48	26° 4	5°34	S 25
S 26	4 21 16	3°52'49	14°32	23°19	17°15	22°36	14° 9	4°40	17°53	19° 1	1°21	25°42	24°45	26°10	5°35	S 26
M27	4 25 13	4°53'14	27°22	24°40	18°15	23°19	14°21	4°35	17°56	19° 3	1°20	25°33	24°41	26°17	5°36	M27
T 28	4 29 9	5°53'40	10♈25	26° 0	19°15	24° 2	14°33	4°30	18° 0	19° 5	1°19	25°28	24°38	26°24	5°36	T 28
W29	4 33 6	6°54'09	23°42	27°19	20°15	24°45	14°46	4°25	18° 4	19° 6	1°18	25°25	24°35	26°30	5°37	W29
T 30	4 37 3	7°54'39	7♈15	28°37	21°16	25°29	14°58	4°II20	18° 7	19°8	1°17	25°D25	24°32	26°V37	5°R38	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	14s24	13n12	3s36	16s47	0s13	0n12	1s29	21s 5	2s14	23s 3	0s 3	19n 6	2s15	16s18	0n23	21s17
T 2	14 43	9 53	2 37	17 21	0 20	0 5	1 20	20 53	2 12	23 3	0 3	19 5	2 16	16 19	0 23	21 17
F 3	15 2	5 55	1 27	17 53	0 27	0s 3	1 11	20 41	2 11	23 2	0 3	19 5	2 16	16 20	0 23	21 17
S 4	15 20	1 30	0 10	18 25	0 34	0 11	1 2	20 29	2 9	23 1	0 3	19 4	2 16	16 21	0 23	21 17
S 5	15 38	3s 8	1n10	18 56	0 41	0 21	0 53	20 17	2 7	23 1	0 3	19 3	2 16	16 22	0 23	21 17
M 6	15 56	7 38	2 26	19 26	0 47	0 30	0 44	20 5	2 6	23 0	0 3	19 2	2 16	16 23	0 23	21 16
T 7	16 14	11 40	3 32	19 55	0 54	0 41	0 36	19 53	2 4	22 59	0 3	19 2	2 16	16 24	0 23	21 16
W 8	16 31	14 56	4 23	20 23	1 0	0 52	0 27	19 40	2 3	22 58	0 3	19 1	2 16	16 25	0 23	21 16
T 9	16 48	17 8	4 55	20 50	1 7	1 3	0 19	19 27	2 1	22 58	0 3	19 0	2 16	16 26	0 23	21 16
F 10	17 5	18 10	5 7	21 16	1 13	1 15	0 11	19 15	2 0	22 57	0 3	18 59	2 16	16 28	0 23	21 16
S 11	17 22	18 1	5 0	21 41	1 19	1 28	0 4	19 1	1 58	22 56	0 4	18 58	2 16	16 29	0 23	21 16
S 12	17 38	16 49	4 36	22 5	1 25	1 41	0n 4	18 48	1 57	22 55	0 4	18 58	2 16	16 30	0 23	21 16
M13	17 54	14 45	3 58	22 28	1 31	1 54	0 11	18 35	1 55	22 54	0 4	18 57	2 16	16 31	0 23	21 15
T 14	18 10	12 1	3 9	22 50	1 36	2 8	0 18	18 21	1 54	22 53	0 4	18 56	2 16	16 32	0 23	21 15
W15	18 25	8 49	2 12	23 10	1 42	2 22	0 25	18 7	1 52	22 53	0 4	18 55	2 16	16 33	0 22	21 15
T 16	18 40	5 19	1 11	23 29	1 47	2 37	0 32	17 54	1 51	22 52	0 4	18 54	2 16	16 34	0 22	21 15
F 17	18 55	1 38	0 7	23 48	1 52	2 52	0 38	17 39	1 49	22 51	0 4	18 54	2 16	16 35	0 22	21 15
S 18	19 9	2n 4	0s56	24 5	1 57	3 8	0 44	17 25	1 48	22 50	0 4	18 53	2 16	16 36	0 22	21 15
S 19	19 23	5 41	1 56	24 21	2 2	3 24	0 51	17 11	1 46	22 49	0 4	18 52	2 16	16 37	0 22	21 14
M20	19 37	9 6	2 52	24 35	2 6	3 40	0 56	16 56	1 45	22 48	0 4	18 51	2 16	16 38	0 22	21 14
T 21	19 50	12 10	3 40	24 49	2 10	3 56	1 2	16 42	1 43	22 47	0 4	18 50	2 16	16 39	0 22	21 14
W22	20 3	14 45	4 19	25 1	2 14	4 13	1 8	16 27	1 42	22 46	0 4	18 49	2 16	16 40	0 22	21 14
T 23	20 15	16 43	4 46	25 12	2 18	4 31	1 13	16 12	1 40	22 44	0 5	18 49	2 16	16 41	0 22	21 14
F 24	20 28	17 56	5 0	25 22	2 21	4 48	1 18	15 57	1 39	22 43	0 5	18 48	2 16	16 42	0 22	21 13
S 25	20 39	18 20	5 1	25 30	2 24	5 6	1 23	15 42	1 37	22 42	0 5	18 47	2 16	16 43	0 22	21 13
S 26	20 51	17 49	4 47	25 37	2 27	5 24	1 28	15 26	1 36	22 41	0 5	18 46	2 16	16 44	0 22	21 13
M27	21 2	16 24	4 18	25 43	2 29	5 42	1 33	15 11	1 34	22 40	0 5	18 45	2 16	16 45	0 22	21 13
T 28	21 13	14 7	3 35	25 48	2 30	6 0	1 37	14 55	1 33	22 39	0 5	18 45	2 15	16 46	0 22	21 13
W29	21 23	11 3	2 40	25 51	2 32	6 19	1 41	14 39	1 31	22 37	0 5	18 44	2 15	16 47	0 22	21 12
T 30	21s33	7n21	1s35	25s53	2s32	6s38	1n46	14s24	1s30	22s36	0s 5	18n43	2s15	16s48	0n22	21s12

Julian Day Number = 2688526.5, Delta T = 23m30s

Ecliptic obliquity = 23°21'09", Nutation = - 0°00'03"

Ayanamsha: Fagan/Bradley = 33°48'59", Lahiri = 32°55'59"

## ASTRODIENST EPHEMERIS for the year 2648

DECEMBER 2648

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4 40 59	8°55'11	21°11' 6	29°53	22°17	26°12	15°10	4°R16	18°11	19°10	1°R16	25°R25	24°29	26°44	5°39	F 1
S 2	4 44 56	9°55'45	5°16	1°3	23°19	26°55	15°23	4°II11	18°15	19°12	1°15	25°25	24°26	26°50	5°40	S 2
S 3	4 48 52	10°56'21	19°43	2°19	24°21	27°38	15°35	4° 6	18°18	19°14	1°14	25°23	24°22	26°57	5°41	S 3
M 4	4 52 49	11°56'58	4°125	3°28	25°23	28°22	15°48	4° 1	18°22	19°16	1°13	25°18	24°19	27° 4	5°42	M 4
T 5	4 56 45	12°57'37	19°17	4°35	26°26	29° 5	16° 1	3°56	18°25	19°17	1°12	25°11	24°16	27°10	5°44	T 5
W 6	5 0 42	13°58'17	4°11	5°39	27°29	29°49	16°13	3°51	18°29	19°19	1°11	25° 1	24°13	27°17	5°45	W 6
T 7	5 4 38	14°58'59	18°58	6°39	28°33	0°32	16°26	3°47	18°32	19°21	1°10	24°49	24°10	27°24	5°46	T 7
F 8	5 8 35	15°59'43	3°29	7°35	29°37	1°16	16°39	3°42	18°36	19°23	1° 8	24°37	24° 7	27°30	5°48	F 8
S 9	5 12 32	17° 0'27	17°38	8°27	0°141	2° 0	16°52	3°37	18°39	19°25	1° 7	24°26	24° 3	27°37	5°49	S 9
S 10	5 16 28	18° 1'13	1°20	9°13	1°45	2°43	17° 5	3°33	18°43	19°27	1° 6	24°17	24° 0	27°44	5°51	S 10
M11	5 20 25	19° 1'59	14°35	9°54	2°50	3°27	17°18	3°28	18°46	19°29	1° 5	24°10	23°57	27°50	5°52	M11
T 12	5 24 21	20° 2'47	27°23	10°28	3°55	4°11	17°31	3°23	18°49	19°31	1° 4	24° 6	23°54	27°57	5°54	T 12
W13	5 28 18	21° 3'35	9°148	10°54	5° 0	4°55	17°44	3°19	18°53	19°33	1° 3	24° 5	23°51	28° 4	5°56	W13
T 14	5 32 14	22° 4'24	21°56	11°13	6° 6	5°39	17°57	3°14	18°56	19°35	1° 2	24° 5	23°47	28°10	5°58	T 14
F 15	5 36 11	23° 5'14	3°152	11°R22	7°12	6°22	18°10	3°10	18°59	19°37	1° 1	24° 5	23°44	28°17	5°59	F 15
S 16	5 40 7	24° 6'05	15°41	11°21	8°18	7° 6	18°24	3° 5	19° 3	19°40	0°59	24° 3	23°41	28°24	6° 1	S 16
S 17	5 44 4	25° 6'57	27°29	11°10	9°24	7°50	18°37	3° 1	19° 6	19°42	0°58	24° 0	23°38	28°30	6° 3	S 17
M18	5 48 1	26° 7'49	9°20	10°47	10°31	8°34	18°50	2°57	19° 9	19°44	0°57	23°54	23°35	28°37	6° 5	M18
T 19	5 51 57	27° 8'43	21°19	10°13	11°38	9°18	19° 4	2°53	19°12	19°46	0°56	23°45	23°32	28°44	6° 7	T 19
W20	5 55 54	28° 9'37	3°128	9°28	12°45	10° 2	19°17	2°48	19°15	19°48	0°55	23°34	23°28	28°50	6° 9	W20
T 21	5 59 50	29°10'32	15°49	8°32	13°52	10°46	19°30	2°44	19°18	19°50	0°54	23°20	23°25	28°57	6°12	T 21
F 22	6 3 47	0°31'28	28°23	7°27	14°59	11°30	19°44	2°40	19°22	19°52	0°52	23° 6	23°22	29° 4	6°14	F 22
S 23	6 7 43	1°12'24	11°11	6°13	16° 7	12°14	19°57	2°36	19°25	19°54	0°51	22°52	23°19	29°10	6°16	S 23
S 24	6 11 40	2°13'22	24°10	4°54	17°15	12°58	20°11	2°32	19°28	19°57	0°50	22°40	23°16	29°17	6°18	S 24
M25	6 15 36	3°14'20	7°120	3°31	18°23	13°42	20°25	2°29	19°31	19°59	0°49	22°31	23°13	29°24	6°21	M25
T 26	6 19 33	4°15'19	20°41	2° 8	19°31	14°27	20°38	2°25	19°34	20° 1	0°48	22°24	23° 9	29°30	6°23	T 26
W27	6 23 30	5°16'20	4°12	0°48	20°40	15°11	20°52	2°21	19°37	20° 3	0°47	22°21	23° 6	29°37	6°26	W27
T 28	6 27 26	6°17'21	17°52	29°32	21°49	15°55	21° 5	2°17	19°39	20° 5	0°45	22°D20	23° 3	29°44	6°28	T 28
F 29	6 31 23	7°18'23	1°43	28°24	22°57	16°39	21°19	2°14	19°42	20° 8	0°44	22°R20	23° 0	29°50	6°31	F 29
S 30	6 35 19	8°19'26	15°43	27°24	24° 6	17°23	21°33	2°10	19°45	20°10	0°43	22°20	22°57	29°57	6°33	S 30
S 31	6 39 16	9°20'30	29°54	26°35	25°16	18°14	21°47	2°II 7	19°48	20°12	0°42	22°18	22°53	0°4	6°36	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
F 1	21s42	3n10	0s23	25s54	2s32	6s57	1n49	14s 8	1s28	22s35	0s 5	18n42	2s15	16s49	0n22	21s12
S 2	21 51	1s17	0n52	25 53	2 32	7 16	1 53	13 51	1 27	22 33	0 5	18 41	2 15	16 50	0 22	21 12
S 3	22 0	5 45	2 5	25 51	2 31	7 36	1 57	13 35	1 26	22 32	0 5	18 41	2 15	16 51	0 22	21 11
M 4	22 8	9 57	3 11	25 48	2 29	7 55	2 0	13 19	1 24	22 31	0 6	18 40	2 15	16 52	0 22	21 11
T 5	22 16	13 34	4 4	25 43	2 27	8 15	2 4	13 2	1 23	22 29	0 6	18 39	2 15	16 53	0 22	21 11
W 6	22 24	16 18	4 41	25 38	2 24	8 34	2 7	12 46	1 21	22 28	0 6	18 38	2 15	16 54	0 22	21 11
T 7	22 31	17 55	4 59	25 31	2 20	8 54	2 10	12 29	1 20	22 26	0 6	18 37	2 15	16 55	0 22	21 10
F 8	22 37	18 21	4 57	25 23	2 15	9 14	2 12	12 12	1 18	22 25	0 6	18 37	2 15	16 56	0 22	21 10
S 9	22 43	17 37	4 37	25 14	2 9	9 33	2 15	11 56	1 17	22 23	0 6	18 36	2 14	16 57	0 22	21 10
S 10	22 49	15 52	4 1	25 4	2 2	9 53	2 18	11 39	1 16	22 22	0 6	18 35	2 14	16 58	0 22	21 10
M11	22 54	13 19	3 13	24 52	1 54	10 13	2 20	11 22	1 14	22 20	0 6	18 35	2 14	16 59	0 22	21 9
T 12	22 59	10 12	2 16	24 41	1 44	10 33	2 22	11 4	1 13	22 19	0 6	18 34	2 14	17 0	0 22	21 9
W13	23 3	6 42	1 15	24 28	1 34	10 53	2 24	10 47	1 12	22 17	0 6	18 33	2 14	17 1	0 22	21 9
T 14	23 7	3 1	0 11	24 14	1 22	11 12	2 26	10 30	1 10	22 16	0 6	18 32	2 14	17 2	0 22	21 9
F 15	23 10	0n44	0s52	24 0	1 9	11 32	2 28	10 12	1 9	22 14	0 7	18 32	2 14	17 3	0 22	21 8
S 16	23 13	4 26	1 52	23 46	0 54	11 52	2 29	9 55	1 7	22 12	0 7	18 31	2 13	17 3	0 22	21 8
S 17	23 16	7 56	2 47	23 31	0 38	12 11	2 31	9 37	1 6	22 10	0 7	18 30	2 13	17 4	0 22	21 8
M18	23 18	11 9	3 35	23 16	0 21	12 31	2 32	9 20	1 5	22 9	0 7	18 30	2 13	17 5	0 22	21 7
T 19	23 19	13 56	4 14	23 0	0 2	12 50	2 33	9 2	1 3	22 7	0 7	18 29	2 13	17 6	0 22	21 7
W20	23 20	16 9	4 42	22 44	0n17	13 9	2 34	8 44	1 2	22 5	0 7	18 28	2 13	17 7	0 22	21 7
T 21	23 21	17 40	4 57	22 28	0 37	13 29	2 35	8 26	1 1	22 3	0 7	18 28	2 13	17 8	0 22	21 7
F 22	23 21	18 22	4 59	22 12	0 57	13 47	2 36	8 8	0 59	22 1	0 7	18 27	2 12	17 9	0 22	21 6
S 23	23 21	18 9	4 45	21 56	1 17	14 6	2 36	7 50	0 58	22 0	0 7	18 27	2 12	17 9	0 22	21 6
S 24	23 20	16 59	4 17	21 40	1 36	14 25	2 37	7 32	0 57	21 58	0 7	18 26	2 12	17 10	0 22	21 6
M25	23 19	14 55	3 34	21 24	1 54	14 43	2 37	7 14	0 55	21 56	0 7	18 26	2 12	17 11	0 22	21 5
T 26	23 17	12 2	2 39	21 10	2 10	15 1	2 37	6 56	0 54	21 54	0 7	18 25	2 12	17 12	0 22	21 5
W27	23 15	8 28	1 35	20 56	2 25	15 19	2 37	6 38	0 53	21 52	0 8	18 25	2 11	17 13	0 23	21 5
T 28	23 12	4 25	0 24	20 44	2 37	15 37	2 37	6 20	0 52	21 50	0 8	18 24	2 11	17 13	0 23	21 4
F 29	23 9	0 5	0n50	20 34	2 46	15 54	2 37	6 1	0 50	21 48	0 8	18 24	2 11	17 14	0 23	21 4
S 30	23 6	4s18	2 1	20 26	2 53	16 12	2 37	5 43	0 49	21 46	0 8	18 23	2 11	17 15	0 23	21 4
S 31	23s 1	8s30	3n 5	20s20	2n58	16s29	2n37	5s25	0s48	21s44	0s 8	18n23	2s10	17s16	0n23	21s 4

Julian Day Number = 2688556.5, Delta T = 23m30s

Ecliptic obliquity = 23°21'08, Nutation = - 0°00'03

Ayanamsha: Fagan/Bradley = 33°49'03, Lahiri = 32°56'03

## ASTRODIENST EPHEMERIS for the year 2649

JANUARY 2649

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	6 43 12	10°21'34	14°14	25°R56	26°14	18°51	22°0	2°R 4	19°14	20°14	0°R41	22°R14	22°15	0°10	6°39	M 1
T 2	6 47 9	11°22'40	28°40	25°28	27°34	19°36	22°14	2°11	19°53	20°17	0°38	22°18	22°47	0°17	6°42	T 2
W 3	6 51 5	12°23'46	13°7	25°11	28°44	20°20	22°28	1°57	19°56	20°19	0°38	21°58	22°44	0°24	6°44	W 3
T 4	6 55 2	13°24'53	27°30	25°D 4	29°54	21° 4	22°42	1°54	19°59	20°21	0°37	21°47	22°41	0°30	6°47	T 4
F 5	6 58 59	14°26'01	11°34	25° 7	1°4	21°48	22°56	1°51	20° 1	20°23	0°36	21°36	22°38	0°37	6°50	F 5
S 6	7 2 55	15°27'08	25°36	25°18	2°14	22°33	23°10	1°49	20° 4	20°26	0°35	21°25	22°34	0°44	6°53	S 6
S 7	7 6 52	16°28'16	9°10	25°38	3°24	23°17	23°23	1°46	20° 6	20°28	0°34	21°16	22°31	0°51	6°56	S 7
M 8	7 10 48	17°29'24	22°20	26° 6	4°34	24° 1	23°37	1°43	20° 9	20°30	0°33	21°10	22°28	0°57	6°59	M 8
T 9	7 14 45	18°30'32	5°8	26°40	5°45	24°45	23°51	1°41	20°11	20°33	0°32	21° 6	22°25	1° 4	7° 2	T 9
W10	7 18 41	19°31'41	17°35	27°20	6°55	25°29	24° 5	1°38	20°14	20°35	0°31	21°D 5	22°22	1°11	7° 5	W10
T 11	7 22 38	20°32'49	29°45	28° 6	8° 6	26°14	24°19	1°36	20°16	20°37	0°29	21° 5	22°18	1°17	7° 8	T 11
F 12	7 26 34	21°33'57	11°43	28°56	9°17	26°58	24°33	1°33	20°18	20°39	0°28	21° 6	22°15	1°24	7°12	F 12
S 13	7 30 31	22°35'04	23°34	29°50	10°28	27°42	24°47	1°31	20°20	20°42	0°27	21°R 6	22°12	1°31	7°15	S 13
S 14	7 34 28	23°36'12	5°23	0°349	11°39	28°26	25° 1	1°29	20°23	20°44	0°26	21° 5	22° 9	1°37	7°18	S 14
M15	7 38 24	24°37'19	17°16	1°50	12°50	29°11	25°15	1°27	20°25	20°46	0°25	21° 2	22° 6	1°44	7°21	M15
T 16	7 42 21	25°38'26	29°17	2°55	14° 1	29°55	25°29	1°25	20°27	20°48	0°24	20°57	22° 3	1°51	7°25	T 16
W17	7 46 17	26°39'33	11°11	4° 2	15°12	0°39	25°43	1°24	20°29	20°51	0°23	20°50	21°59	1°57	7°28	W17
T 18	7 50 14	27°40'40	24° 0	5°12	16°23	1°23	25°57	1°22	20°31	20°53	0°22	20°41	21°56	2° 4	7°32	T 18
F 19	7 54 10	28°41'46	6°47	6°23	17°35	2° 7	26°11	1°20	20°33	20°55	0°21	20°31	21°53	2°11	7°35	F 19
S 20	7 58 7	29°42'52	19°51	7°37	18°46	2°51	26°25	1°19	20°35	20°57	0°20	20°21	21°50	2°17	7°39	S 20
S 21	8 2 4	0°43'58	3°11	8°53	19°58	3°36	26°39	1°18	20°37	21° 0	0°19	20°13	21°47	2°24	7°42	S 21
M22	8 6 0	1°45'03	16°47	10° 9	21°10	4°20	26°53	1°17	20°38	21° 2	0°18	20° 6	21°44	2°31	7°46	M22
T 23	8 9 57	2°46'08	0°13	11°28	22°21	5° 4	27° 7	1°15	20°40	21° 4	0°17	20° 2	21°40	2°37	7°49	T 23
W24	8 13 53	3°47'13	14°29	12°47	23°33	5°48	27°20	1°14	20°42	21° 6	0°16	20°D 0	21°37	2°44	7°53	W24
T 25	8 17 50	4°48'18	28°30	14° 8	24°45	6°32	27°34	1°14	20°44	21° 9	0°15	20° 1	21°34	2°51	7°56	T 25
F 26	8 21 46	5°49'23	12°35	15°30	25°57	7°16	27°48	1°13	20°45	21°11	0°14	20° 2	21°31	2°57	8° 0	F 26
S 27	8 25 43	6°50'27	26°43	16°53	27° 9	8° 0	28° 2	1°12	20°47	21°13	0°13	20° 3	21°28	3° 4	8° 4	S 27
S 28	8 29 39	7°51'32	10°15	18°17	28°22	8°44	28°16	1°12	20°48	21°15	0°12	20°R 3	21°24	3°11	8° 8	S 28
M29	8 33 36	8°52'36	24°58	19°42	29°34	9°28	28°30	1°11	20°50	21°17	0°12	20° 2	21°21	3°17	8°11	M29
T 30	8 37 33	9°53'40	9°3	21° 7	0°346	10°12	28°44	1°11	20°51	21°20	0°11	19°59	21°18	3°24	8°15	T 30
W31	8 41 29	10°54'44	23°3	22°34	1°58	10°56	28°58	1°11	20°53	21°22	0°10	19°54	21°15	3°31	8°19	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	22s57	12s15	3n59	20s17	3n 1	16s45	2n36	5s 6	0s46	21s42	0s 8	18n22	2s10	17s16	0n23	M 1
T 2	22 52	15 16	4 38	20 15	3 1	17 1	2 35	4 48	0 45	21 39	0 8	18 22	2 10	17 17	0 23	T 2
W 3	22 47	17 21	4 59	20 16	3 0	17 17	2 35	4 30	0 44	21 37	0 8	18 21	2 10	17 18	0 23	W 3
T 4	22 41	18 19	5 1	20 18	2 58	17 33	2 34	4 11	0 43	21 35	0 8	18 21	2 10	17 19	0 23	T 4
F 5	22 34	18 7	4 44	20 22	2 54	17 48	2 33	3 53	0 42	21 33	0 8	18 21	2 9	17 19	0 23	F 5
S 6	22 28	16 50	4 11	20 28	2 48	18 3	2 32	3 34	0 40	21 31	0 8	18 20	2 9	17 20	0 23	S 6
S 7	22 20	14 37	3 24	20 35	2 42	18 17	2 31	3 15	0 39	21 28	0 9	18 20	2 9	17 21	0 23	S 7
M 8	22 13	11 42	2 27	20 42	2 35	18 32	2 29	2 57	0 38	21 26	0 9	18 20	2 9	17 21	0 23	M 8
T 9	22 5	8 17	1 24	20 51	2 28	18 45	2 28	2 38	0 37	21 24	0 9	18 20	2 8	17 22	0 23	T 9
W10	21 56	4 36	0 19	20 59	2 20	18 59	2 27	2 20	0 36	21 22	0 9	18 19	2 8	17 22	0 23	W10
T 11	21 47	0 48	0s46	21 9	2 12	19 11	2 25	2 1	0 34	21 19	0 9	18 19	2 8	17 23	0 23	T 11
F 12	21 38	2n57	1 48	21 18	2 3	19 24	2 24	1 43	0 33	21 17	0 9	18 19	2 8	17 24	0 23	F 12
S 13	21 28	6 34	2 45	21 27	1 54	19 36	2 22	1 24	0 32	21 14	0 9	18 19	2 7	17 24	0 23	S 13
S 14	21 18	9 54	3 34	21 36	1 45	19 47	2 20	1 5	0 31	21 12	0 9	18 19	2 7	17 25	0 23	S 14
M15	21 7	12 51	4 15	21 44	1 36	19 58	2 18	0 47	0 30	21 10	0 9	18 18	2 7	17 25	0 23	M15
T 16	20 56	15 17	4 45	21 52	1 27	20 9	2 16	0 28	0 29	21 7	0 9	18 18	2 7	17 26	0 23	T 16
W17	20 45	17 6	5 2	21 59	1 18	20 19	2 14	0 10	0 27	21 5	0 9	18 18	2 6	17 26	0 23	W17
T 18	20 33	18 8	5 5	22 6	1 9	20 28	2 12	0n 9	0 26	21 2	0 10	18 18	2 6	17 27	0 23	T 18
F 19	20 21	18 17	4 54	22 12	1 0	20 37	2 10	0 27	0 25	21 0	0 10	18 18	2 6	17 27	0 23	F 19
S 20	20 8	17 29	4 27	22 17	0 51	20 46	2 8	0 46	0 24	20 57	0 10	18 18	2 6	17 28	0 23	S 20
S 21	19 55	15 43	3 45	22 21	0 42	20 54	2 5	1 4	0 23	20 55	0 10	18 18	2 5	17 28	0 23	S 21
M22	19 42	13 3	2 49	22 25	0 34	21 1	2 3	1 23	0 22	20 52	0 10	18 18	2 5	17 29	0 23	M22
T 23	19 28	9 38	1 43	22 27	0 25	21 8	2 0	1 41	0 21	20 49	0 10	18 18	2 5	17 29	0 23	T 23
W24	19 14	5 38	0 30	22 28	0 16	21 14	1 58	2 0	0 20	20 47	0 10	18 18	2 4	17 30	0 23	W24
T 25	19 0	1 18	0n46	22 28	0 8	21 20	1 55	2 18	0 19	20 44	0 10	18 18	2 4	17 30	0 23	T 25
F 26	18 45	3s 7	1 59	22 27	0s 0	21 25	1 53	2 36	0 18	20 42	0 10	18 18	2 4	17 31	0 23	F 26
S 27	18 30	7 22	3 6	22 25	0 8	21 29	1 50	2 55	0 17	20 39	0 10	18 19	2 4	17 31	0 23	S 27
S 28	18 14	11 12	4 1	22 22	0 16	21 33	1 47	3 13	0 15	20 36	0 10	18 19	2 3	17 31	0 23	S 28
M29	17 58	14 23	4 41	22 18	0 23	21 37	1 44	3 31	0 14	20 34	0 11	18 19	2 3	17 32	0 23	M29
T 30	17 42	16 42	5 5	22 12	0 31	21 39	1 42	3 49	0 13	20 31	0 11	18 19	2 3	17 32	0 23	T 30
W31	17s26	18s 1	5n10	22s 6	0s38	21s41	1n39	4n 7	0s12	20s28	0s11	18n19	2s 2	17s33	0n23	W31

Julian Day Number = 2688587.5, Delta T = 23m31s

Ecliptic obliquity = 23°21'08, Nutation = - 0°00'02

Ayanamsha: Fagan/Bradley = 33°49'07, Lahiri = 32°56'07

## ASTRODIENST EPHEMERIS for the year 2649

FEBRUARY 2649

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 45 26	11 <sup>h</sup> 55 <sup>m</sup> 48 <sup>s</sup>	6 <sup>h</sup> 35 <sup>m</sup> 7 <sup>s</sup>	24 <sup>h</sup> 31 <sup>m</sup>	3 <sup>h</sup> 31 <sup>m</sup>	11 <sup>h</sup> 40 <sup>m</sup>	29 <sup>h</sup> 31 <sup>m</sup>	1 <sup>h</sup> 01 <sup>m</sup>	20 <sup>h</sup> 54 <sup>m</sup>	21 <sup>h</sup> 32 <sup>m</sup>	0 <sup>h</sup> 09 <sup>m</sup>	19 <sup>h</sup> 48 <sup>m</sup>	21 <sup>h</sup> 12 <sup>m</sup>	3 <sup>h</sup> 37 <sup>m</sup>	8 <sup>h</sup> 23 <sup>m</sup>	T 1
F 2	8 49 22	12 <sup>h</sup> 56 <sup>m</sup> 51 <sup>s</sup>	20 <sup>h</sup> 39 <sup>m</sup>	25 <sup>h</sup> 29 <sup>m</sup>	4 <sup>h</sup> 23 <sup>m</sup>	12 <sup>h</sup> 24 <sup>m</sup>	29 <sup>h</sup> 25 <sup>m</sup>	1 <sup>h</sup> 11 <sup>m</sup>	20 <sup>h</sup> 55 <sup>m</sup>	21 <sup>h</sup> 26 <sup>m</sup>	0 <sup>h</sup> 08 <sup>m</sup>	19 <sup>h</sup> 42 <sup>m</sup>	21 <sup>h</sup> 09 <sup>m</sup>	3 <sup>h</sup> 44 <sup>m</sup>	8 <sup>h</sup> 27 <sup>m</sup>	F 2
S 3	8 53 19	13 <sup>h</sup> 57 <sup>m</sup> 53 <sup>s</sup>	4 <sup>h</sup> 09 <sup>m</sup>	26 <sup>h</sup> 58 <sup>m</sup>	5 <sup>h</sup> 36 <sup>m</sup>	13 <sup>h</sup> 08 <sup>m</sup>	29 <sup>h</sup> 39 <sup>m</sup>	1 <sup>h</sup> 01 <sup>m</sup>	20 <sup>h</sup> 56 <sup>m</sup>	21 <sup>h</sup> 28 <sup>m</sup>	0 <sup>h</sup> 07 <sup>m</sup>	19 <sup>h</sup> 36 <sup>m</sup>	21 <sup>h</sup> 05 <sup>m</sup>	3 <sup>h</sup> 51 <sup>m</sup>	8 <sup>h</sup> 31 <sup>m</sup>	S 3
S 4	8 57 15	14 <sup>h</sup> 58 <sup>m</sup> 55 <sup>s</sup>	17 <sup>h</sup> 22 <sup>m</sup>	28 <sup>h</sup> 27 <sup>m</sup>	6 <sup>h</sup> 48 <sup>m</sup>	13 <sup>h</sup> 52 <sup>m</sup>	29 <sup>h</sup> 53 <sup>m</sup>	1 <sup>h</sup> 11 <sup>m</sup>	20 <sup>h</sup> 57 <sup>m</sup>	21 <sup>h</sup> 30 <sup>m</sup>	0 <sup>h</sup> 07 <sup>m</sup>	19 <sup>h</sup> 31 <sup>m</sup>	21 <sup>h</sup> 02 <sup>m</sup>	3 <sup>h</sup> 58 <sup>m</sup>	8 <sup>h</sup> 34 <sup>m</sup>	S 4
M 5	9 1 12	15 <sup>h</sup> 59 <sup>m</sup> 56 <sup>s</sup>	0 <sup>h</sup> 19 <sup>m</sup>	29 <sup>h</sup> 57 <sup>m</sup>	8 <sup>h</sup> 01 <sup>m</sup>	14 <sup>h</sup> 36 <sup>m</sup>	0 <sup>h</sup> 07 <sup>m</sup>	1 <sup>h</sup> 11 <sup>m</sup>	20 <sup>h</sup> 58 <sup>m</sup>	21 <sup>h</sup> 33 <sup>m</sup>	0 <sup>h</sup> 06 <sup>m</sup>	19 <sup>h</sup> 27 <sup>m</sup>	20 <sup>h</sup> 59 <sup>m</sup>	4 <sup>h</sup> 04 <sup>m</sup>	8 <sup>h</sup> 38 <sup>m</sup>	M 5
T 6	9 5 8	17 <sup>h</sup> 0 <sup>m</sup> 56 <sup>s</sup>	12 <sup>h</sup> 58 <sup>m</sup>	1 <sup>h</sup> 28 <sup>m</sup>	9 <sup>h</sup> 14 <sup>m</sup>	15 <sup>h</sup> 20 <sup>m</sup>	0 <sup>h</sup> 20 <sup>m</sup>	1 <sup>h</sup> 12 <sup>m</sup>	21 <sup>h</sup> 00 <sup>m</sup>	21 <sup>h</sup> 35 <sup>m</sup>	0 <sup>h</sup> 05 <sup>m</sup>	19 <sup>h</sup> 26 <sup>m</sup>	20 <sup>h</sup> 56 <sup>m</sup>	4 <sup>h</sup> 11 <sup>m</sup>	8 <sup>h</sup> 42 <sup>m</sup>	T 6
W 7	9 9 5	18 <sup>h</sup> 0 <sup>m</sup> 55 <sup>s</sup>	25 <sup>h</sup> 21 <sup>m</sup>	2 <sup>h</sup> 59 <sup>m</sup>	10 <sup>h</sup> 26 <sup>m</sup>	16 <sup>h</sup> 03 <sup>m</sup>	0 <sup>h</sup> 34 <sup>m</sup>	1 <sup>h</sup> 12 <sup>m</sup>	21 <sup>h</sup> 00 <sup>m</sup>	21 <sup>h</sup> 37 <sup>m</sup>	0 <sup>h</sup> 04 <sup>m</sup>	19 <sup>h</sup> 26 <sup>m</sup>	20 <sup>h</sup> 53 <sup>m</sup>	4 <sup>h</sup> 18 <sup>m</sup>	8 <sup>h</sup> 46 <sup>m</sup>	W 7
T 8	9 13 2	19 <sup>h</sup> 0 <sup>m</sup> 53 <sup>s</sup>	7 <sup>h</sup> 30 <sup>m</sup>	4 <sup>h</sup> 31 <sup>m</sup>	11 <sup>h</sup> 39 <sup>m</sup>	16 <sup>h</sup> 47 <sup>m</sup>	0 <sup>h</sup> 48 <sup>m</sup>	1 <sup>h</sup> 13 <sup>m</sup>	21 <sup>h</sup> 01 <sup>m</sup>	21 <sup>h</sup> 39 <sup>m</sup>	0 <sup>h</sup> 04 <sup>m</sup>	19 <sup>h</sup> 27 <sup>m</sup>	20 <sup>h</sup> 50 <sup>m</sup>	4 <sup>h</sup> 24 <sup>m</sup>	8 <sup>h</sup> 50 <sup>m</sup>	T 8
F 9	9 16 58	20 <sup>h</sup> 0 <sup>m</sup> 50 <sup>s</sup>	19 <sup>h</sup> 28 <sup>m</sup>	6 <sup>h</sup> 04 <sup>m</sup>	12 <sup>h</sup> 52 <sup>m</sup>	17 <sup>h</sup> 31 <sup>m</sup>	1 <sup>h</sup> 01 <sup>m</sup>	1 <sup>h</sup> 14 <sup>m</sup>	21 <sup>h</sup> 02 <sup>m</sup>	21 <sup>h</sup> 41 <sup>m</sup>	0 <sup>h</sup> 03 <sup>m</sup>	19 <sup>h</sup> 28 <sup>m</sup>	20 <sup>h</sup> 46 <sup>m</sup>	4 <sup>h</sup> 31 <sup>m</sup>	8 <sup>h</sup> 54 <sup>m</sup>	F 9
S 10	9 20 55	21 <sup>h</sup> 0 <sup>m</sup> 45 <sup>s</sup>	1 <sup>h</sup> 20 <sup>m</sup>	7 <sup>h</sup> 38 <sup>m</sup>	14 <sup>h</sup> 05 <sup>m</sup>	18 <sup>h</sup> 15 <sup>m</sup>	1 <sup>h</sup> 15 <sup>m</sup>	1 <sup>h</sup> 15 <sup>m</sup>	21 <sup>h</sup> 03 <sup>m</sup>	21 <sup>h</sup> 43 <sup>m</sup>	0 <sup>h</sup> 02 <sup>m</sup>	19 <sup>h</sup> 30 <sup>m</sup>	20 <sup>h</sup> 43 <sup>m</sup>	4 <sup>h</sup> 38 <sup>m</sup>	8 <sup>h</sup> 58 <sup>m</sup>	S 10
S 11	9 24 51	22 <sup>h</sup> 0 <sup>m</sup> 40 <sup>s</sup>	13 <sup>h</sup> 10 <sup>m</sup>	9 <sup>h</sup> 12 <sup>m</sup>	15 <sup>h</sup> 18 <sup>m</sup>	18 <sup>h</sup> 59 <sup>m</sup>	1 <sup>h</sup> 28 <sup>m</sup>	1 <sup>h</sup> 16 <sup>m</sup>	21 <sup>h</sup> 04 <sup>m</sup>	21 <sup>h</sup> 45 <sup>m</sup>	0 <sup>h</sup> 02 <sup>m</sup>	19 <sup>h</sup> 32 <sup>m</sup>	20 <sup>h</sup> 40 <sup>m</sup>	4 <sup>h</sup> 44 <sup>m</sup>	9 <sup>h</sup> 02 <sup>m</sup>	S 11
M 12	9 28 48	23 <sup>h</sup> 0 <sup>m</sup> 33 <sup>s</sup>	25 <sup>h</sup> 03 <sup>m</sup>	10 <sup>h</sup> 46 <sup>m</sup>	16 <sup>h</sup> 31 <sup>m</sup>	19 <sup>h</sup> 42 <sup>m</sup>	1 <sup>h</sup> 42 <sup>m</sup>	1 <sup>h</sup> 17 <sup>m</sup>	21 <sup>h</sup> 05 <sup>m</sup>	21 <sup>h</sup> 47 <sup>m</sup>	0 <sup>h</sup> 01 <sup>m</sup>	19 <sup>h</sup> 32 <sup>m</sup>	20 <sup>h</sup> 37 <sup>m</sup>	4 <sup>h</sup> 51 <sup>m</sup>	9 <sup>h</sup> 06 <sup>m</sup>	M 12
T 13	9 32 44	24 <sup>h</sup> 0 <sup>m</sup> 25 <sup>s</sup>	7 <sup>h</sup> 11 <sup>m</sup>	12 <sup>h</sup> 22 <sup>m</sup>	17 <sup>h</sup> 44 <sup>m</sup>	20 <sup>h</sup> 26 <sup>m</sup>	1 <sup>h</sup> 55 <sup>m</sup>	1 <sup>h</sup> 18 <sup>m</sup>	21 <sup>h</sup> 05 <sup>m</sup>	21 <sup>h</sup> 49 <sup>m</sup>	0 <sup>h</sup> 00 <sup>m</sup>	19 <sup>h</sup> 31 <sup>m</sup>	20 <sup>h</sup> 34 <sup>m</sup>	4 <sup>h</sup> 58 <sup>m</sup>	9 <sup>h</sup> 10 <sup>m</sup>	T 13
W 14	9 36 41	25 <sup>h</sup> 0 <sup>m</sup> 16 <sup>s</sup>	19 <sup>h</sup> 17 <sup>m</sup>	13 <sup>h</sup> 58 <sup>m</sup>	18 <sup>h</sup> 57 <sup>m</sup>	21 <sup>h</sup> 10 <sup>m</sup>	2 <sup>h</sup> 09 <sup>m</sup>	1 <sup>h</sup> 20 <sup>m</sup>	21 <sup>h</sup> 06 <sup>m</sup>	21 <sup>h</sup> 51 <sup>m</sup>	29 <sup>h</sup> 11 <sup>m</sup>	19 <sup>h</sup> 29 <sup>m</sup>	20 <sup>h</sup> 30 <sup>m</sup>	5 <sup>h</sup> 04 <sup>m</sup>	9 <sup>h</sup> 14 <sup>m</sup>	W 14
T 15	9 40 37	26 <sup>h</sup> 0 <sup>m</sup> 06 <sup>s</sup>	1 <sup>h</sup> 48 <sup>m</sup>	15 <sup>h</sup> 35 <sup>m</sup>	20 <sup>h</sup> 10 <sup>m</sup>	21 <sup>h</sup> 53 <sup>m</sup>	2 <sup>h</sup> 22 <sup>m</sup>	1 <sup>h</sup> 21 <sup>m</sup>	21 <sup>h</sup> 06 <sup>m</sup>	21 <sup>h</sup> 53 <sup>m</sup>	29 <sup>h</sup> 59 <sup>m</sup>	19 <sup>h</sup> 26 <sup>m</sup>	20 <sup>h</sup> 27 <sup>m</sup>	5 <sup>h</sup> 11 <sup>m</sup>	9 <sup>h</sup> 19 <sup>m</sup>	T 15
F 16	9 44 34	27 <sup>h</sup> 0 <sup>m</sup> 54 <sup>s</sup>	14 <sup>h</sup> 38 <sup>m</sup>	17 <sup>h</sup> 13 <sup>m</sup>	21 <sup>h</sup> 23 <sup>m</sup>	22 <sup>h</sup> 37 <sup>m</sup>	2 <sup>h</sup> 36 <sup>m</sup>	1 <sup>h</sup> 23 <sup>m</sup>	21 <sup>h</sup> 07 <sup>m</sup>	21 <sup>h</sup> 55 <sup>m</sup>	29 <sup>h</sup> 58 <sup>m</sup>	19 <sup>h</sup> 23 <sup>m</sup>	20 <sup>h</sup> 24 <sup>m</sup>	5 <sup>h</sup> 18 <sup>m</sup>	9 <sup>h</sup> 23 <sup>m</sup>	F 16
S 17	9 48 30	28 <sup>h</sup> 10 <sup>m</sup> 41 <sup>s</sup>	27 <sup>h</sup> 51 <sup>m</sup>	18 <sup>h</sup> 51 <sup>m</sup>	22 <sup>h</sup> 36 <sup>m</sup>	23 <sup>h</sup> 20 <sup>m</sup>	2 <sup>h</sup> 49 <sup>m</sup>	1 <sup>h</sup> 24 <sup>m</sup>	21 <sup>h</sup> 07 <sup>m</sup>	21 <sup>h</sup> 57 <sup>m</sup>	29 <sup>h</sup> 58 <sup>m</sup>	19 <sup>h</sup> 19 <sup>m</sup>	20 <sup>h</sup> 21 <sup>m</sup>	5 <sup>h</sup> 24 <sup>m</sup>	9 <sup>h</sup> 27 <sup>m</sup>	S 17
S 18	9 52 27	29 <sup>h</sup> 11 <sup>m</sup> 26 <sup>s</sup>	11 <sup>h</sup> 20 <sup>m</sup>	20 <sup>h</sup> 31 <sup>m</sup>	23 <sup>h</sup> 49 <sup>m</sup>	24 <sup>h</sup> 04 <sup>m</sup>	3 <sup>h</sup> 02 <sup>m</sup>	1 <sup>h</sup> 26 <sup>m</sup>	21 <sup>h</sup> 08 <sup>m</sup>	21 <sup>h</sup> 59 <sup>m</sup>	29 <sup>h</sup> 57 <sup>m</sup>	19 <sup>h</sup> 16 <sup>m</sup>	20 <sup>h</sup> 18 <sup>m</sup>	5 <sup>h</sup> 31 <sup>m</sup>	9 <sup>h</sup> 31 <sup>m</sup>	S 18
M 19	9 56 24	0 <sup>h</sup> 12 <sup>m</sup> 10 <sup>s</sup>	25 <sup>h</sup> 20 <sup>m</sup>	22 <sup>h</sup> 11 <sup>m</sup>	25 <sup>h</sup> 02 <sup>m</sup>	24 <sup>h</sup> 47 <sup>m</sup>	3 <sup>h</sup> 15 <sup>m</sup>	1 <sup>h</sup> 28 <sup>m</sup>	21 <sup>h</sup> 08 <sup>m</sup>	22 <sup>h</sup> 01 <sup>m</sup>	29 <sup>h</sup> 57 <sup>m</sup>	19 <sup>h</sup> 14 <sup>m</sup>	20 <sup>h</sup> 15 <sup>m</sup>	5 <sup>h</sup> 38 <sup>m</sup>	9 <sup>h</sup> 35 <sup>m</sup>	M 19
T 20	10 0 20	1 <sup>h</sup> 12 <sup>m</sup> 53 <sup>s</sup>	9 <sup>h</sup> 19 <sup>m</sup>	23 <sup>h</sup> 51 <sup>m</sup>	26 <sup>h</sup> 15 <sup>m</sup>	25 <sup>h</sup> 31 <sup>m</sup>	3 <sup>h</sup> 29 <sup>m</sup>	1 <sup>h</sup> 30 <sup>m</sup>	21 <sup>h</sup> 08 <sup>m</sup>	22 <sup>h</sup> 02 <sup>m</sup>	29 <sup>h</sup> 56 <sup>m</sup>	19 <sup>h</sup> 13 <sup>m</sup>	20 <sup>h</sup> 11 <sup>m</sup>	5 <sup>h</sup> 44 <sup>m</sup>	9 <sup>h</sup> 39 <sup>m</sup>	T 20
W 21	10 4 17	2 <sup>h</sup> 13 <sup>m</sup> 35 <sup>s</sup>	23 <sup>h</sup> 56 <sup>m</sup>	25 <sup>h</sup> 33 <sup>m</sup>	27 <sup>h</sup> 29 <sup>m</sup>	26 <sup>h</sup> 14 <sup>m</sup>	3 <sup>h</sup> 42 <sup>m</sup>	1 <sup>h</sup> 32 <sup>m</sup>	21 <sup>h</sup> 08 <sup>m</sup>	22 <sup>h</sup> 04 <sup>m</sup>	29 <sup>h</sup> 56 <sup>m</sup>	19 <sup>h</sup> 13 <sup>m</sup>	20 <sup>h</sup> 08 <sup>m</sup>	5 <sup>h</sup> 51 <sup>m</sup>	9 <sup>h</sup> 43 <sup>m</sup>	W 21
T 22	10 8 13	3 <sup>h</sup> 14 <sup>m</sup> 15 <sup>s</sup>	8 <sup>h</sup> 42 <sup>m</sup>	27 <sup>h</sup> 15 <sup>m</sup>	28 <sup>h</sup> 42 <sup>m</sup>	26 <sup>h</sup> 58 <sup>m</sup>	3 <sup>h</sup> 55 <sup>m</sup>	1 <sup>h</sup> 34 <sup>m</sup>	21 <sup>h</sup> 08 <sup>m</sup>	22 <sup>h</sup> 06 <sup>m</sup>	29 <sup>h</sup> 55 <sup>m</sup>	19 <sup>h</sup> 14 <sup>m</sup>	20 <sup>h</sup> 05 <sup>m</sup>	5 <sup>h</sup> 58 <sup>m</sup>	9 <sup>h</sup> 47 <sup>m</sup>	T 22
F 23	10 12 10	4 <sup>h</sup> 14 <sup>m</sup> 54 <sup>s</sup>	22 <sup>h</sup> 58 <sup>m</sup>	28 <sup>h</sup> 59 <sup>m</sup>	29 <sup>h</sup> 55 <sup>m</sup>	27 <sup>h</sup> 41 <sup>m</sup>	4 <sup>h</sup> 08 <sup>m</sup>	1 <sup>h</sup> 37 <sup>m</sup>	21 <sup>h</sup> 09 <sup>m</sup>	22 <sup>h</sup> 08 <sup>m</sup>	29 <sup>h</sup> 55 <sup>m</sup>	19 <sup>h</sup> 15 <sup>m</sup>	20 <sup>h</sup> 02 <sup>m</sup>	6 <sup>h</sup> 04 <sup>m</sup>	9 <sup>h</sup> 52 <sup>m</sup>	F 23
S 24	10 16 6	5 <sup>h</sup> 15 <sup>m</sup> 32 <sup>s</sup>	7 <sup>h</sup> 12 <sup>m</sup>	0 <sup>h</sup> 43 <sup>m</sup>	1 <sup>h</sup> 08 <sup>m</sup>	28 <sup>h</sup> 25 <sup>m</sup>	4 <sup>h</sup> 21 <sup>m</sup>	1 <sup>h</sup> 39 <sup>m</sup>	21 <sup>h</sup> 09 <sup>m</sup>	22 <sup>h</sup> 10 <sup>m</sup>	29 <sup>h</sup> 55 <sup>m</sup>	19 <sup>h</sup> 16 <sup>m</sup>	19 <sup>h</sup> 59 <sup>m</sup>	6 <sup>h</sup> 11 <sup>m</sup>	9 <sup>h</sup> 56 <sup>m</sup>	S 24
S 25	10 20 3	6 <sup>h</sup> 16 <sup>m</sup> 10 <sup>s</sup>	21 <sup>h</sup> 45 <sup>m</sup>	2 <sup>h</sup> 28 <sup>m</sup>	2 <sup>h</sup> 22 <sup>m</sup>	29 <sup>h</sup> 08 <sup>m</sup>	4 <sup>h</sup> 34 <sup>m</sup>	1 <sup>h</sup> 42 <sup>m</sup>	21 <sup>h</sup> 09 <sup>m</sup>	22 <sup>h</sup> 12 <sup>m</sup>	29 <sup>h</sup> 54 <sup>m</sup>	19 <sup>h</sup> 17 <sup>m</sup>	19 <sup>h</sup> 56 <sup>m</sup>	6 <sup>h</sup> 18 <sup>m</sup>	10 <sup>h</sup> 00 <sup>m</sup>	S 25
M 26	10 23 59	7 <sup>h</sup> 16 <sup>m</sup> 46 <sup>s</sup>	5 <sup>h</sup> 15 <sup>m</sup>	4 <sup>h</sup> 14 <sup>m</sup>	3 <sup>h</sup> 35 <sup>m</sup>	29 <sup>h</sup> 51 <sup>m</sup>	4 <sup>h</sup> 47 <sup>m</sup>	1 <sup>h</sup> 44 <sup>m</sup>	21 <sup>h</sup> 09 <sup>m</sup>	22 <sup>h</sup> 13 <sup>m</sup>	29 <sup>h</sup> 54 <sup>m</sup>	19 <sup>h</sup> 17 <sup>m</sup>	19 <sup>h</sup> 52 <sup>m</sup>	6 <sup>h</sup> 25 <sup>m</sup>	10 <sup>h</sup> 04 <sup>m</sup>	M 26
T 27	10 27 56	8 <sup>h</sup> 17 <sup>m</sup> 21 <sup>s</sup>	19 <sup>h</sup> 52 <sup>m</sup>	6 <sup>h</sup> 00 <sup>m</sup>	4 <sup>h</sup> 49 <sup>m</sup>	0 <sup>h</sup> 34 <sup>m</sup>	5 <sup>h</sup> 00 <sup>m</sup>	1 <sup>h</sup> 47 <sup>m</sup>	21 <sup>h</sup> 08 <sup>m</sup>	22 <sup>h</sup> 15 <sup>m</sup>	29 <sup>h</sup> 53 <sup>m</sup>	19 <sup>h</sup> 17 <sup>m</sup>	19 <sup>h</sup> 49 <sup>m</sup>	6 <sup>h</sup> 31 <sup>m</sup>	10 <sup>h</sup> 08 <sup>m</sup>	T 27
W 28	10 31 53	9 <sup>h</sup> 17 <sup>m</sup> 54 <sup>s</sup>	3 <sup>h</sup> 36 <sup>m</sup>	7 <sup>h</sup> 48 <sup>m</sup>	6 <sup>h</sup> 02 <sup>m</sup>	1 <sup>h</sup> 18 <sup>m</sup>	5 <sup>h</sup> 12 <sup>m</sup>	1 <sup>h</sup> 50 <sup>m</sup>	21 <sup>h</sup> 08 <sup>m</sup>	22 <sup>h</sup> 17 <sup>m</sup>	29 <sup>h</sup> 53 <sup>m</sup>	19 <sup>h</sup> 16 <sup>m</sup>	19 <sup>h</sup> 46 <sup>m</sup>	6 <sup>h</sup> 38 <sup>m</sup>	10 <sup>h</sup> 12 <sup>m</sup>	W 28

Day	☉	☾	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	17s 9	18s14	4n57	21s58	0s45	21s43	1n36	4n25	0s11	20s25	0s11	18n20	2s 2	17s33	0n23	20s53	0n47	14n58	8s23	4n 1	3n29	9n24	3s44	5n 2	
F 2	16 52	17 23	4 26	21 49	0 52	21 44	1 33	4 43	0 10	20 23	0 11	18 20	2 2	17 33	0 23	20 53	0 47	14 58	8 23	4 4	3 30	9 26	3 42	5 1	
S 3	16 35	15 33	3 42	21 38	0 58	21 44	1 30	5 1	0 9	20 20	0 11	18 20	2 2	17 33	0 23	20 52	0 47	14 58	8 23	4 6	3 31	9 28	3 41	5	
S 4	16 17	12 56	2 46	21 27	1 4	21 44	1 27	5 19	0 8	20 17	0 11	18 20	2 1	17 34	0 23	20 52	0 47	14 59	8 23	4 8	3 32	9 29	3 40	5 1	
M 5	15 59	9 43	1 43	21 14	1 10	21 43	1 24	5 37	0 7	20 14	0 11	18 21	2 1	17 34	0 23	20 52	0 47	14 59	8 22	4 10	3 34	9 31	3 39	5 1	
T 6	15 41	6 7	0 35	21 0	1 16	21 41	1 21	5 55	0 6	20 11	0 11	18 21	2 1	17 34	0 23	20 51	0 47	14 59	8 22	4 10	3 35	9 32	3 37	5 1	
W 7	15 22	2 20	0s32	20 44	1 21	21 39	1 18	6 13	0 5	20 9	0 11	18 22	2 1	17 35	0 23	20 51	0 47	14 59	8 22	4 10	3 36	9 34	3 36	5 1	
T 8	15 4	1n28	1 38	20 28	1 27	21 36	1 14	6 30	0 4	20 6	0 12	18 22	2 0	17 35	0 23	20 51	0 47	14 59	8 22	4 10	3 37	9 36	3 35	5 0	
F 9	14 44	5 10	2 37	20 10	1 32	21 33	1 11	6 48	0 4	20 3	0 12	18 22	2 0	17 35	0 23	20 50	0 47	15 0	8 22	4 9	3 39	9 37	3 33	5 0	
S 10	14 25	8 36	3 30	19 51	1 36	21 29	1 8	7 5	0 3	20 0	0 12	18 23	2 0	17 35	0 23	20 50	0 47	15 0	8 21	4 8	3 40	9 39	3 32	5 0	
S 11	14 6	11 42	4 14	19 30	1 41	21 24	1 5	7 23	0 2	19 57	0 12	18 23	1 59	17 35	0 23	20 50	0 47	15 0	8 21	4 8	3 41	9 40	3 31	5 0	
M 12	13 46	14 19	4 46	19 9	1 45	21 19	1 2	7 40	0 1	19 54	0 12	18 24	1 59	17 36	0 23	20 49	0 47	15 0	8 21	4 8	3 42	9 42	3 29	5 0	
T 13	13 26	16 21	5 7	18 46	1 48	21 13	0 58	7 57	0n 0	19 51	0 12	18 24	1 59	17 36	0 23	20 49	0 47	15 0	8 21	4 8	3 44	9 44	3 28	5 0	
W 14	13 6	17 42	5 15	18 22	1 52	21 7	0 55	8 15	0 1	19 48	0 12	18 25	1 59	17 36	0 23	20 49	0 47	15 1	8 21	4 9	3 45	9 45	3 27	5 0	
T 15	12 45	18 13	5 7	17 56	1 55	20 59	0 52	8 32	0 2	19 46	0 12	18 26	1 58	17 36	0 23	20 48	0 47	15 1	8 20	4 10	3 46	9 47	3 25	4 59	
F 16	12 25	17 50	4 45	17 29	1 58	20 52	0 49	8 49	0 3	19 43	0 12	18 26	1 58	17 36	0 23	20 48	0 47	15 1	8 20	4 11	3 47	9 48	3 24	4 59	
S 17	12 4	16 29	4 7	17 1	2 0	20 43	0 45	9 6	0 4	19 40	0 13	18 27	1 58	17 36	0 23	20 48	0 47	15 1	8 20	4 13	3 49	9 50	3 22	4 59	
S 18	11 43	14 11	3 14	16 32	2 2	20 34	0 42	9 23	0 5	19 37	0 13	18 27	1 57	17 36	0 23	20 47	0 47	15 1	8 20	4 14	3 50	9 52	3 21	4 59	
M 19	11 22	11 1	2 8	16 1	2 4	20 25	0 39	9 39	0 6	19 34	0 13	18 28	1 57	17 36	0 23	20 47	0 47	15 2	8 20	4 15	3 51	9 53	3 20	4 59	
T 20	11 0	7 9	0 53	15 29	2 5	20 15	0 35	9 56	0 6	19 31	0 13	18 29	1 57	17 36	0 23	20 47	0 47	15 2	8 19	4 15	3 52	9 55	3 18	4 59	
W 21	10 39	2 48	0n26	14 56	2 6	20 4	0 32	10 12	0 7	19 28	0 13	18 29	1 57	17 36	0 23	20 47	0 47	15 2	8 19	4 15	3 54	9 56	3 17	4 59	
T 22	10 17	1s44	1 44	14 22	2 7	19 52	0 29	10 29	0 8	19 25	0 13	18 30	1 56	17 36	0 23	20 46	0 47	15 2	8 19	4 15	3 55	9 58	3 15	4 59	
F 23	9 55	6 10	2 56	13 46	2 7	19 41	0 26	10 45	0 9	19 22	0 13	18 31	1 56	17 36	0 23	20 46	0 47	15 2	8 19	4 15	3 56	10 0	3 14	4 59	
S 24	9 33	10 13	3 56	13 9	2 7	19 28	0 22	11 1	0 10	19 19	0 13	18 32	1 56	17 36	0 23	20 46	0 47	15 3	8 19	4 14	3 57	10 1	3 12	4 59	
S 25	9 11	13 36	4 41	12 31	2 6	19 15	0 19	11 18	0 11	19 16	0 13	18 32	1 56	17 36	0 23	20 45	0 47	15 3	8 18	4 14	3 59	10 3	3 11	4 58	
M 26	8 48	16 9	5 8	11 52	2 5	19 1	0 16	11 34	0 12	19 13	0 14	18 33	1 55	17 36	0 23	20 45	0 47	15 3	8 18	4 14	4 0	10 4	3 9	4 58	
T 27	8 26	17 42	5 17	11 11	2 3	18 47	0 13	11 49	0 12	19 10	0 14	18 34	1 55	17 36	0 23	20 45	0 47	15 3	8 18	4 14	4 1	10 6	3 8	4 58	
W 28	8s 3	18s11	5n 7	10s29	2s 1	18s32	0n10	12n 5	0n13	19s 7	0s14	18n35	1s55	17s36	0n23	20s45	0n47	15n 3	8s18	4n14	4n 2	10n 8	3s 6	4n58	



# ASTRODIENST EPHEMERIS for the year 2649

APRIL 2649

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 38 2	11°20'51	5°39	28°29	15°19	24°2	11°23	4°10	20°35	22°57	29°54	19°12	18°4	10°12	12°21	S 1
M 2	12 41 59	12°20'27	17°58	28°52	16°33	24°44	11°33	4°16	20°33	22°58	29°55	19°12	18°1	10°19	12°25	M 2
T 3	12 45 55	13°20'01	0°7	29°6	17°47	25°26	11°43	4°22	20°31	22°59	29°55	19°12	17°58	10°25	12°28	T 3
W 4	12 49 52	14°19'32	12°9	29°13	19°1	26°8	11°53	4°28	20°30	22°59	29°56	19°10	17°55	10°32	12°32	W 4
T 5	12 53 48	15°19'02	24°5	29°12	20°15	26°50	12°2	4°34	20°28	23°0	29°56	19°7	17°52	10°39	12°36	T 5
F 6	12 57 45	16°18'30	5°58	29°3	21°29	27°32	12°12	4°40	20°26	23°1	29°57	19°3	17°48	10°45	12°39	F 6
S 7	13 1 42	17°17'56	17°48	28°47	22°42	28°14	12°22	4°46	20°24	23°1	29°57	18°58	17°45	10°52	12°43	S 7
S 8	13 5 38	18°17'19	29°39	28°24	23°56	28°56	12°31	4°52	20°22	23°2	29°58	18°53	17°42	10°59	12°47	S 8
M 9	13 9 35	19°16'41	11°32	27°55	25°10	29°38	12°40	4°58	20°20	23°2	29°58	18°48	17°39	11°6	12°50	M 9
T 10	13 13 31	20°16'00	23°32	27°21	26°24	0°19	12°49	5°4	20°18	23°3	29°59	18°44	17°36	11°12	12°54	T 10
W 11	13 17 28	21°15'17	5°41	26°42	27°38	1°1	12°58	5°10	20°16	23°3	29°59	18°41	17°33	11°19	12°57	W 11
T 12	13 21 24	22°14'32	18°5	26°0	28°51	1°43	13°7	5°17	20°13	23°4	29°59	18°40	17°29	11°26	13°1	T 12
F 13	13 25 21	23°13'44	0°46	25°14	0°5	2°24	13°16	5°23	20°11	23°4	0°1	18°40	17°26	11°32	13°4	F 13
S 14	13 29 17	24°12'54	13°50	24°27	1°19	3°6	13°25	5°29	20°9	23°4	0°1	18°41	17°23	11°39	13°7	S 14
S 15	13 33 14	25°12'02	27°19	23°38	2°33	3°47	13°33	5°36	20°7	23°5	0°2	18°43	17°20	11°46	13°11	S 15
M 16	13 37 10	26°11'07	11°15	22°50	3°47	4°29	13°42	5°43	20°5	23°5	0°3	18°44	17°17	11°52	13°14	M 16
T 17	13 41 7	27°10'11	25°40	22°2	5°0	5°10	13°50	5°49	20°2	23°5	0°3	18°44	17°13	11°59	13°17	T 17
W 18	13 45 4	28°9'12	10°28	21°17	6°14	5°52	13°58	5°56	20°0	23°6	0°4	18°42	17°10	12°6	13°20	W 18
T 19	13 49 0	29°8'11	25°35	20°33	7°28	6°33	14°6	6°2	19°58	23°6	0°5	18°39	17°7	12°12	13°24	T 19
F 20	13 52 57	0°7'07	10°50	19°53	8°42	7°14	14°14	6°9	19°56	23°6	0°6	18°33	17°4	12°19	13°27	F 20
S 21	13 56 53	1°6'03	26°4	19°17	9°55	7°56	14°22	6°16	19°53	23°6	0°6	18°27	17°1	12°26	13°30	S 21
S 22	14 0 50	2°4'56	11°7	18°46	11°9	8°37	14°29	6°23	19°51	23°6	0°7	18°21	16°58	12°33	13°33	S 22
M 23	14 4 46	3°3'47	25°49	18°18	12°23	9°18	14°37	6°30	19°48	23°6	0°8	18°15	16°54	12°39	13°36	M 23
T 24	14 8 43	4°2'37	10°5	17°56	13°37	9°59	14°44	6°37	19°46	23°6	0°9	18°11	16°51	12°46	13°39	T 24
W 25	14 12 39	5°1'25	23°53	17°39	14°51	10°41	14°51	6°44	19°44	23°R 6	0°10	18°8	16°48	12°53	13°42	W 25
T 26	14 16 36	6°0'12	7°14	17°27	16°4	11°22	14°58	6°51	19°41	23°6	0°11	18°D 8	16°45	12°59	13°45	T 26
F 27	14 20 33	6°58'57	20°10	17°21	17°18	12°3	15°5	6°58	19°39	23°6	0°11	18°8	16°42	13°6	13°48	F 27
S 28	14 24 29	7°57'40	2°46	17°D20	18°32	12°44	15°12	7°5	19°36	23°6	0°12	18°10	16°38	13°13	13°50	S 28
S 29	14 28 26	8°56'21	15°5	17°23	19°46	13°25	15°18	7°12	19°34	23°6	0°13	18°R11	16°35	13°19	13°53	S 29
M 30	14 32 22	9°55'01	27°13	17°32	20°59	14°11	15°25	7°19	19°31	23°6	0°14	18°10	16°32	13°26	13°56	M 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	4n28	8s15	1n14	13n39	2n57	6s52	1s12	19n17	0n35	17s35	0s18	19n 9	1s47	17s27	0n23	20s38
M 2	4 52	4 38	0 7	13 54	3 4	6 25	1 14	19 28	0 36	17 33	0 18	19 10	1 47	17 27	0 23	20 37
T 3	5 15	0 52	1s 0	14 5	3 10	5 58	1 15	19 38	0 36	17 30	0 18	19 11	1 47	17 26	0 23	20 37
W 4	5 38	2n54	2 3	14 12	3 15	5 31	1 17	19 49	0 37	17 28	0 18	19 13	1 46	17 26	0 23	20 37
T 5	6 1	6 31	3 0	14 14	3 18	5 3	1 18	19 59	0 37	17 25	0 18	19 14	1 46	17 25	0 23	20 37
F 6	6 23	9 51	3 49	14 13	3 20	4 36	1 20	20 9	0 38	17 22	0 19	19 15	1 46	17 25	0 23	20 37
S 7	6 46	12 47	4 28	14 7	3 20	4 8	1 21	20 19	0 39	17 20	0 19	19 16	1 46	17 24	0 23	20 37
S 8	7 9	15 11	4 55	13 58	3 19	3 40	1 22	20 29	0 39	17 17	0 19	19 18	1 46	17 24	0 23	20 37
M 9	7 31	16 58	5 10	13 44	3 15	3 12	1 24	20 39	0 40	17 15	0 19	19 19	1 46	17 23	0 23	20 37
T 10	7 54	18 1	5 11	13 27	3 10	2 44	1 25	20 48	0 40	17 13	0 19	19 20	1 45	17 23	0 23	20 36
W 11	8 16	18 15	4 59	13 7	3 4	2 15	1 26	20 57	0 41	17 10	0 19	19 22	1 45	17 22	0 23	20 36
T 12	8 38	17 38	4 32	12 44	2 56	1 47	1 27	21 6	0 41	17 8	0 19	19 23	1 45	17 22	0 23	20 36
F 13	9 0	16 8	3 52	12 18	2 46	1 19	1 28	21 15	0 42	17 5	0 20	19 24	1 45	17 21	0 23	20 36
S 14	9 21	13 46	2 59	11 50	2 34	0 50	1 29	21 23	0 42	17 3	0 20	19 25	1 45	17 20	0 23	20 36
S 15	9 43	10 34	1 54	11 20	2 22	0 22	1 29	21 32	0 43	17 1	0 20	19 27	1 44	17 20	0 23	20 36
M 16	10 4	6 41	0 41	10 50	2 8	0n 7	1 30	21 40	0 43	16 59	0 20	19 28	1 44	17 19	0 24	20 36
T 17	10 26	2 18	0n38	10 18	1 53	0 36	1 31	21 48	0 44	16 56	0 20	19 29	1 44	17 19	0 24	20 36
W 18	10 47	2s21	1 55	9 47	1 38	1 4	1 31	21 56	0 44	16 54	0 20	19 31	1 44	17 18	0 23	20 36
T 19	11 8	6 57	3 7	9 16	1 22	1 33	1 32	22 3	0 45	16 52	0 21	19 32	1 44	17 17	0 23	20 36
F 20	11 28	11 8	4 5	8 46	1 5	2 1	1 32	22 11	0 45	16 50	0 21	19 33	1 44	17 17	0 23	20 36
S 21	11 49	14 34	4 46	8 17	0 49	2 30	1 33	22 18	0 45	16 48	0 21	19 35	1 43	17 16	0 23	20 36
S 22	12 9	16 58	5 7	7 49	0 32	2 58	1 33	22 25	0 46	16 46	0 21	19 36	1 43	17 16	0 23	20 36
M 23	12 29	18 11	5 6	7 24	0 16	3 27	1 33	22 32	0 46	16 44	0 21	19 37	1 43	17 15	0 23	20 36
T 24	12 49	18 12	4 47	7 0	0s 1	3 55	1 33	22 38	0 47	16 42	0 21	19 39	1 43	17 14	0 23	20 36
W 25	13 9	17 7	4 11	6 39	0 16	4 24	1 33	22 45	0 47	16 40	0 22	19 40	1 43	17 14	0 23	20 36
T 26	13 28	15 7	3 23	6 20	0 32	4 52	1 33	22 51	0 48	16 38	0 22	19 41	1 43	17 13	0 23	20 36
F 27	13 48	12 24	2 25	6 4	0 46	5 20	1 33	22 57	0 48	16 36	0 22	19 42	1 43	17 12	0 23	20 36
S 28	14 7	9 10	1 22	5 51	1 1	5 48	1 33	23 3	0 49	16 34	0 22	19 44	1 42	17 12	0 23	20 36
S 29	14 26	5 36	0 17	5 40	1 14	6 16	1 33	23 8	0 49	16 33	0 22	19 45	1 42	17 11	0 23	20 36
M 30	14n44	1s51	0s49	5n31	1s27	6n44	1s33	23n14	0n49	16s31	0s22	19n46	1s42	17s10	0n23	20s36

Julian Day Number = 2688677.5, Delta T = 23m32s  
 Ecliptic obliquity = 23°21'09, Nutation = - 0°00'04  
 Ayanamsha: Fagan/Bradley = 33°49'20, Lahiri = 32°56'20









## ASTRODIENST EPHEMERIS for the year 2649

SEPTEMBER 2649

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 41 15	8♍58'29	2♌58	23°D54	23♎27	5♎13	9°R10	21♊1	17♎39	20°R35	2♌43	10♎4	9♎58	27♊18	12°R48	S 1
S 2	22 45 12	9°56'18	17°10	24♎1	24°41	5°51	9°4	21°5	17°41	20♊34	2°43	10°R4	9°55	27°25	12°R45	S 2
M 3	22 49 8	10°54'08	1♎30	24°17	25°55	6°29	8°59	21°8	17°43	20°33	2°44	10°4	9°52	27°32	12°42	M 3
T 4	22 53 5	11°52'00	15°51	24°40	27°9	7°7	8°53	21°11	17°45	20°32	2°44	10°4	9°49	27°39	12°39	T 4
W 5	22 57 1	12°49'53	0♌10	25°11	28°23	7°45	8°48	21°14	17°47	20°32	2°45	10°4	9°45	27°45	12°36	W 5
T 6	23 0 58	13°47'47	14°25	25°50	29°37	8°24	8°43	21°17	17°49	20°31	2°46	10°D4	9°42	27°52	12°33	T 6
F 7	23 4 54	14°45'42	28°32	26°36	0♌51	9°2	8°38	21°20	17°51	20°30	2°46	10°4	9°39	27°59	12°30	F 7
S 8	23 8 51	15°43'38	12♊30	27°30	2°5	9°40	8°33	21°23	17°53	20°29	2°47	10°4	9°36	28°5	12°27	S 8
S 9	23 12 48	16°41'36	26°17	28°31	3°19	10°18	8°29	21°26	17°55	20°28	2°47	10°5	9°33	28°12	12°24	S 9
M10	23 16 44	17°39'35	9♌52	29°38	4°33	10°56	8°24	21°28	17°58	20°28	2°48	10°6	9°30	28°19	12°21	M10
T 11	23 20 41	18°37'35	23°15	0♎52	5°47	11°35	8°20	21°31	18°0	20°27	2°48	10°6	9°26	28°26	12°18	T 11
W12	23 24 37	19°35'37	6♌23	2°12	7°1	12°13	8°16	21°33	18°2	20°26	2°49	10°R7	9°23	28°32	12°16	W12
T 13	23 28 34	20°33'40	19°18	3°37	8°15	12°51	8°12	21°35	18°5	20°26	2°49	10°6	9°20	28°39	12°13	T 13
F 14	23 32 30	21°31'44	1♎59	5°7	9°28	13°29	8°8	21°37	18°7	20°25	2°50	10°6	9°17	28°46	12°10	F 14
S 15	23 36 27	22°29'51	14°27	6°42	10°42	14°7	8°4	21°40	18°9	20°25	2°50	10°5	9°14	28°52	12°7	S 15
S 16	23 40 23	23°27'59	26°42	8°20	11°56	14°45	8°1	21°42	18°12	20°24	2°50	10°3	9°10	28°59	12°4	S 16
M17	23 44 20	24°26'09	8♌48	10°2	13°10	15°23	7°58	21°43	18°15	20°24	2°51	10°1	9°7	29°6	12°1	M17
T 18	23 48 16	25°24'21	20°45	11°47	14°24	16°2	7°55	21°45	18°17	20°23	2°51	9°59	9°4	29°13	11°58	T 18
W19	23 52 13	26°22'35	2♊38	13°35	15°38	16°40	7°52	21°47	18°20	20°23	2°51	9°57	9°1	29°19	11°55	W19
T 20	23 56 10	27°20'51	14°31	15°24	16°52	17°18	7°49	21°48	18°22	20°22	2°52	9°55	8°58	29°26	11°52	T 20
F 21	0 0 6	28°19'09	26°28	17°15	18°6	17°56	7°46	21°50	18°25	20°22	2°52	9°D55	8°55	29°33	11°50	F 21
S 22	0 4 3	29°17'29	8♌33	19°7	19°20	18°34	7°44	21°51	18°28	20°22	2°52	9°55	8°51	29°39	11°47	S 22
S 23	0 7 59	0♌15'51	20°50	21°0	20°34	19°12	7°42	21°53	18°31	20°21	2°52	9°56	8°48	29°46	11°44	S 23
M24	0 11 56	1°14'15	3♌26	22°53	21°47	19°50	7°40	21°54	18°33	20°21	2°53	9°58	8°45	29°53	11°41	M24
T 25	0 15 52	2°12'41	16°22	24°47	23°1	20°29	7°38	21°55	18°36	20°21	2°53	9°59	8°42	29°59	11°39	T 25
W26	0 19 49	3°11'09	29°42	26°40	24°15	21°7	7°37	21°56	18°39	20°21	2°53	10°0	8°39	0♊6	11°36	W26
T 27	0 23 45	4°9'40	13♎26	28°34	25°29	21°45	7°35	21°56	18°42	20°20	2°53	10°R0	8°36	0°13	11°33	T 27
F 28	0 27 42	5°8'12	27°33	0♌27	26°43	22°23	7°34	21°57	18°45	20°20	2°53	9°59	8°32	0°20	11°31	F 28
S 29	0 31 39	6°6'46	11♌59	2°19	27°57	23°1	7°33	21°58	18°48	20°20	2°53	9°57	8°29	0°27	11°28	S 29
S 30	0 35 35	7♌5'21	26♌39	4♌11	29♌11	23♎39	7°32	21♊58	18♎51	20♊20	2♌53	9♎54	8♎26	0♊33	11°R25	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	8n11	0n43	2n 4	11n21	2s17	3n51	1n23	10n38	1n 8	18s35	0s43	21n21	1s42	16s42	0n21	21s 0	0n48	15n18	8s 2	7n46	7n48	14n36	1s43	5n25				
S 2	7 49	3s46	3 12	11 35	1 59	3 22	1 22	10 23	1 8	18 37	0 43	21 21	1 42	16 43	0 21	21 0	0 48	15 18	8 2	7 46	7 49	14 37	1 44	5 25				
M 3	7 27	8 4	4 8	11 47	1 41	2 52	1 21	10 9	1 8	18 38	0 43	21 21	1 42	16 43	0 21	21 0	0 48	15 18	8 2	7 46	7 51	14 38	1 46	5 25				
T 4	7 5	11 54	4 49	11 57	1 23	2 21	1 20	9 55	1 8	18 40	0 43	21 21	1 43	16 44	0 21	21 0	0 47	15 18	8 2	7 46	7 52	14 39	1 47	5 25				
W 5	6 43	15 1	5 12	12 3	1 5	1 51	1 19	9 41	1 8	18 41	0 43	21 21	1 43	16 44	0 21	21 1	0 47	15 18	8 2	7 46	7 53	14 41	1 48	5 25				
T 6	6 21	17 13	5 16	12 6	0 48	1 21	1 18	9 27	1 8	18 43	0 43	21 22	1 43	16 45	0 21	21 1	0 47	15 17	8 2	7 46	7 54	14 42	1 49	5 25				
F 7	5 59	18 20	5 1	12 7	0 32	0 51	1 17	9 12	1 8	18 44	0 43	21 22	1 43	16 46	0 21	21 1	0 47	15 17	8 2	7 46	7 55	14 43	1 50	5 25				
S 8	5 36	18 19	4 28	12 3	0 16	0 20	1 16	8 58	1 8	18 45	0 43	21 22	1 43	16 46	0 21	21 1	0 47	15 17	8 2	7 46	7 57	14 45	1 51	5 25				
S 9	5 14	17 13	3 40	11 57	0 0	0s10	1 15	8 43	1 8	18 47	0 43	21 22	1 43	16 47	0 20	21 1	0 47	15 17	8 3	7 46	7 58	14 46	1 53	5 24				
M10	4 52	15 9	2 40	11 47	0n14	0 41	1 13	8 29	1 8	18 48	0 43	21 22	1 43	16 48	0 20	21 1	0 47	15 17	8 3	7 45	7 59	14 47	1 54	5 24				
T 11	4 29	12 16	1 32	11 33	0 27	1 11	1 12	8 14	1 8	18 49	0 43	21 22	1 43	16 48	0 20	21 1	0 47	15 17	8 3	7 45	8 0	14 48	1 55	5 24				
W12	4 6	8 49	0 21	11 16	0 40	1 42	1 11	8 0	1 7	18 50	0 43	21 22	1 43	16 49	0 20	21 2	0 47	15 17	8 3	7 45	8 1	14 50	1 56	5 24				
T 13	3 44	5 0	0s51	10 56	0 51	2 12	1 9	7 45	1 7	18 51	0 43	21 22	1 44	16 50	0 20	21 2	0 47	15 16	8 3	7 45	8 3	14 51	1 58	5 24				
F 14	3 21	1 1	1 58	10 33	1 2	2 42	1 8	7 30	1 7	18 52	0 43	21 22	1 44	16 50	0 20	21 2	0 47	15 16	8 3	7 45	8 4	14 52	1 59	5 24				
S 15	2 58	2n56	2 59	10 7	1 11	3 13	1 6	7 16	1 7	18 53	0 43	21 22	1 44	16 51	0 20	21 2	0 47	15 16	8 3	7 46	8 5	14 53	2 0	5 24				
S 16	2 35	6 41	3 50	9 38	1 19	3 43	1 4	7 1	1 7	18 54	0 43	21 22	1 44	16 52	0 20	21 2	0 47	15 16	8 3	7 46	8 6	14 55	2 1	5 24				
M17	2 12	10 7	4 30	9 6	1 26	4 13	1 3	6 46	1 7	18 55	0 43	21 22	1 44	16 52	0 20	21 2	0 47	15 16	8 4	7 47	8 7	14 56	2 2	5 23				
T 18	1 49	13 5	4 58	8 32	1 32	4 43	1 1	6 31	1 7	18 55	0 43	21 22	1 44	16 53	0 20	21 2	0 47	15 16	8 4	7 48	8 8	14 57	2 4	5 23				
W19	1 26	15 30	5 13	7 56	1 37	5 13	0 59	6 16	1 7	18 56	0 43	21 22	1 44	16 54	0 20	21 2	0 47	15 16	8 4	7 49	8 10	14 59	2 5	5 23				
T 20	1 3	17 15	5 14	7 18	1 41	5 43	0 57	6 2	1 7	18 57	0 43	21 22	1 44	16 55	0 20	21 2	0 47	15 15	8 4	7 49	8 11	15 0	2 6	5 23				
F 21	0 40	18 16	5 2	6 38	1 45	6 13	0 55	5 47	1 7	18 58	0 43	21 22	1 45	16 55	0 20	21 2	0 47	15 15	8 4	7 49	8 12	15 1	2 7	5 23				
S 22	0 17	18 28	4 37	5 56	1 47	6 43	0 53	5 32	1 7	18 58	0 43	21 22	1 45	16 56	0 20	21 3	0 47	15 15	8 4	7 49	8 13	15 2	2 8	5 23				
S 23	0s 6	17 49	3 59	5 13	1 48	7 13	0 51	5 17	1 6	18 59	0 43	21 22	1 45	16 57	0 20	21 3	0 47	15 15	8 4	7 49	8 14	15 4	2 10	5 23				
M24	0 29	16 16	3 8	4 29	1 49	7 42	0 49	5 2	1 6	18 59	0 43	21 22	1 45	16 58	0 20	21 3	0 47	15 15	8 4	7 48	8 16	15 5	2 11	5 22				
T 25	0 53	13 52	2 6	3 44	1 49	8 11	0 47	4 47	1 6	19 0	0 43	21 22	1 45	16 59	0 20	21 3	0 47	15 15	8 5	7 48	8 17	15 6	2 12	5 22				
W26	1 16	10 39	0 56	2 58	1 48	8 41	0 45	4 31	1 6	19 0	0 43	21 22	1 45	16 59	0 20	21 3	0 47	15 15	8 5	7 47	8 18	15 7	2 13	5 22				
T 27	1 39	6 47	0n19	2 12	1 46	9 10	0 43	4 16	1 6	19 0	0 43	21 21	1 45	17 0	0 20	21 3	0 47	15 15	8 5	7 47	8 19	15 9	2 14	5 22				
F 28	2 2	2 26	1 35	1 25	1 44	9 38	0 40	4 1	1 6	19 1	0 43	21 21	1 45	17 1	0 20	21 3	0 47	15 14	8 5	7 48	8 20	15 10	2 16	5 22				
S 29	2 25	2s10	2 47	0 38	1 41	10 7	0 38	3 46	1 6	19 1	0 43	21 21	1 45	17 2	0 20	21 3	0 47	15 14	8 5	7 49	8 22	15 11	2 17	5 21				
S 30	2s48	6s42	3n48	0s 9	1n38	10s35	0n36	3n31	1n 6	19s 1	0s43	21n21	1s46	17s 3	0n20	21s 3	0n47	15n14	8s 5	7n50	8n23	15n12	2s18	5n21				

## ASTRODIENST EPHEMERIS for the year 2649

OCTOBER 2649

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 39 32	8♂ 3'59	11♂26	6♂ 2	0♂24	24♂17	7°R32	21♂59	18♂54	20°R20	2♂53	9°R50	8♂23	0♂40	11°R23	M 1
T 2	0 43 28	9° 2'39	26°12	7°53	1°38	24°56	7♂31	21°59	18°57	20°D20	2°53	9♂46	8°20	0°47	11°R20	T 2
W 3	0 47 25	10° 1'20	10♂50	9°42	2°52	25°34	7°31	21°59	19° 0	20♂20	2°R53	9°43	8°16	0°53	11°18	W 3
T 4	0 51 21	11° 0'03	25°14	11°31	4° 6	26°12	7°D31	21°R59	19° 3	20°20	2°53	9°40	8°13	1° 0	11°15	T 4
F 5	0 55 18	11°58'47	9♂22	13°19	5°20	26°50	7°31	21°59	19° 7	20°20	2°53	9°D40	8°10	1° 7	11°13	F 5
S 6	0 59 14	12°57'33	23°11	15° 6	6°34	27°28	7°32	21°59	19°10	20°20	2°53	9°40	8° 7	1°14	11°10	S 6
S 7	1 3 11	13°56'21	6♂43	16°52	7°47	28° 6	7°32	21°59	19°13	20°20	2°53	9°41	8° 4	1°20	11° 8	S 7
M 8	1 7 8	14°55'10	19°58	18°37	9° 1	28°44	7°33	21°58	19°16	20°21	2°53	9°43	8° 1	1°27	11° 6	M 8
T 9	1 11 4	15°54'01	2♂58	20°21	10°15	29°23	7°34	21°58	19°20	20°21	2°53	9°44	7°57	1°34	11° 4	T 9
W10	1 15 1	16°52'54	15°45	22° 5	11°29	0♂ 1	7°35	21°57	19°23	20°21	2°53	9°R44	7°54	1°40	11° 1	W10
T 11	1 18 57	17°51'49	28°20	23°47	12°42	0°39	7°36	21°56	19°26	20°21	2°53	9°42	7°51	1°47	10°59	T 11
F 12	1 22 54	18°50'45	10♂45	25°28	13°56	1°17	7°38	21°55	19°30	20°22	2°52	9°39	7°48	1°54	10°57	F 12
S 13	1 26 50	19°49'44	23° 0	27° 9	15°10	1°55	7°40	21°55	19°33	20°22	2°52	9°33	7°45	2° 1	10°55	S 13
S 14	1 30 47	20°48'44	5♂ 7	28°49	16°24	2°33	7°42	21°54	19°36	20°22	2°52	9°26	7°41	2° 7	10°53	S 14
M15	1 34 43	21°47'47	17° 8	0♂28	17°37	3°11	7°44	21°52	19°40	20°23	2°52	9°18	7°38	2°14	10°51	M15
T 16	1 38 40	22°46'51	29° 3	2° 6	18°51	3°50	7°46	21°51	19°43	20°23	2°51	9°10	7°35	2°21	10°49	T 16
W17	1 42 36	23°45'58	10♂55	3°43	20° 5	4°28	7°49	21°50	19°47	20°24	2°51	9° 2	7°32	2°28	10°47	W17
T 18	1 46 33	24°45'08	22°46	5°20	21°18	5° 6	7°51	21°48	19°50	20°24	2°51	8°56	7°29	2°34	10°45	T 18
F 19	1 50 30	25°44'19	4♂41	6°56	22°32	5°44	7°54	21°47	19°54	20°25	2°50	8°52	7°26	2°41	10°43	F 19
S 20	1 54 26	26°43'33	16°43	8°31	23°46	6°22	7°57	21°45	19°57	20°25	2°50	8°49	7°22	2°48	10°41	S 20
S 21	1 58 23	27°42'48	28°57	10° 5	24°59	7° 0	8° 0	21°43	20° 1	20°26	2°50	8°D49	7°19	2°54	10°40	S 21
M22	2 2 19	28°42'07	11♂27	11°39	26°13	7°39	8° 4	21°41	20° 4	20°27	2°49	8°49	7°16	3° 1	10°38	M22
T 23	2 6 16	29°41'27	24°19	13°11	27°26	8°17	8° 8	21°39	20° 8	20°27	2°49	8°50	7°13	3° 8	10°36	T 23
W24	2 10 12	0♂40'50	7♂37	14°44	28°40	8°55	8°11	21°37	20°11	20°28	2°48	8°R51	7°10	3°15	10°35	W24
T 25	2 14 9	1°40'15	21°22	16°15	29°54	9°33	8°15	21°35	20°15	20°29	2°48	8°50	7° 7	3°21	10°33	T 25
F 26	2 18 5	2°39'42	5♂36	17°46	1♂ 7	10°11	8°20	21°33	20°19	20°30	2°47	8°48	7° 3	3°28	10°32	F 26
S 27	2 22 2	3°39'11	20°16	19°16	2°21	10°50	8°24	21°30	20°22	20°30	2°47	8°42	7° 0	3°35	10°30	S 27
S 28	2 25 59	4°38'43	5♂15	20°46	3°34	11°28	8°28	21°28	20°26	20°31	2°46	8°35	6°57	3°41	10°29	S 28
M29	2 29 55	5°38'16	20°24	22°14	4°48	12° 6	8°33	21°25	20°30	20°32	2°46	8°27	6°54	3°48	10°27	M29
T 30	2 33 52	6°37'51	5♂34	23°42	6° 2	12°44	8°38	21°23	20°33	20°33	2°45	8°18	6°51	3°55	10°26	T 30
W31	2 37 48	7♂37'29	20♂34	25♂10	7♂15	13♂22	8♂43	21♂20	20♂37	20♂34	2♂45	8♂9	6♂47	4♂ 2	10♂25	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	3s11	10s50	4n35	0s57	1n34	11s 3	0n33	3n16	1n 5	19s 1	0s43	21n21	1s46	17s 4	0n20	21s 3
T 2	3 34	14 18	5 4	1 44	1 30	11 31	0 31	3 1	1 5	19 1	0 43	21 21	1 46	17 4	0 20	21 3
W 3	3 57	16 50	5 13	2 31	1 26	11 59	0 28	2 45	1 5	19 1	0 43	21 21	1 46	17 5	0 20	21 3
T 4	4 20	18 15	5 1	3 18	1 21	12 26	0 26	2 30	1 5	19 1	0 43	21 21	1 46	17 6	0 20	21 3
F 5	4 43	18 30	4 32	4 4	1 16	12 53	0 23	2 15	1 5	19 1	0 43	21 21	1 46	17 7	0 20	21 3
S 6	5 6	17 38	3 47	4 50	1 11	13 20	0 21	2 0	1 5	19 1	0 43	21 21	1 46	17 8	0 20	21 3
S 7	5 29	15 47	2 50	5 36	1 5	13 46	0 18	1 44	1 5	19 1	0 43	21 20	1 46	17 9	0 20	21 3
M 8	5 51	13 6	1 46	6 22	0 59	14 12	0 16	1 29	1 4	19 1	0 43	21 20	1 47	17 10	0 20	21 3
T 9	6 14	9 48	0 37	7 7	0 53	14 38	0 13	1 14	1 4	19 0	0 43	21 20	1 47	17 11	0 20	21 3
W10	6 37	6 6	0s33	7 51	0 47	15 3	0 10	0 59	1 4	19 0	0 43	21 20	1 47	17 12	0 20	21 3
T 11	6 59	2 11	1 39	8 35	0 40	15 29	0 8	0 43	1 4	19 0	0 43	21 20	1 47	17 12	0 20	21 3
F 12	7 21	1n47	2 40	9 18	0 34	15 53	0 5	0 28	1 4	18 59	0 43	21 20	1 47	17 13	0 20	21 3
S 13	7 44	5 37	3 33	10 0	0 27	16 18	0 2	0 13	1 4	18 59	0 43	21 19	1 47	17 14	0 20	21 3
S 14	8 6	9 10	4 15	10 42	0 20	16 41	0s 1	0s 2	1 4	18 58	0 43	21 19	1 47	17 15	0 20	21 3
M15	8 28	12 19	4 46	11 23	0 13	17 5	0 3	0 18	1 3	18 58	0 43	21 19	1 47	17 16	0 20	21 3
T 16	8 50	14 56	5 3	12 4	0 6	17 28	0 6	0 33	1 3	18 57	0 43	21 19	1 47	17 17	0 20	21 3
W17	9 12	16 55	5 8	12 43	0s 1	17 51	0 9	0 48	1 3	18 56	0 43	21 19	1 48	17 18	0 20	21 3
T 18	9 33	18 11	4 59	13 22	0 8	18 13	0 12	1 3	1 3	18 56	0 43	21 19	1 48	17 19	0 20	21 3
F 19	9 55	18 39	4 38	14 1	0 15	18 34	0 15	1 19	1 3	18 55	0 43	21 18	1 48	17 20	0 20	21 3
S 20	10 16	18 17	4 4	14 38	0 22	18 56	0 18	1 34	1 2	18 54	0 43	21 18	1 48	17 21	0 20	21 3
S 21	10 37	17 4	3 18	15 15	0 29	19 16	0 20	1 49	1 2	18 53	0 43	21 18	1 48	17 22	0 20	21 3
M22	10 58	15 0	2 22	15 50	0 36	19 37	0 23	2 4	1 2	18 52	0 43	21 18	1 48	17 23	0 20	21 3
T 23	11 19	12 9	1 17	16 25	0 43	19 56	0 26	2 19	1 2	18 51	0 43	21 18	1 48	17 24	0 20	21 3
W24	11 40	8 35	0 7	16 59	0 50	20 16	0 29	2 35	1 2	18 50	0 43	21 17	1 48	17 25	0 20	21 3
T 25	12 1	4 26	1n 7	17 32	0 56	20 34	0 32	2 50	1 1	18 49	0 43	21 17	1 48	17 26	0 20	21 3
F 26	12 21	0s 6	2 18	18 5	1 3	20 52	0 35	3 5	1 1	18 48	0 43	21 17	1 48	17 27	0 20	21 3
S 27	12 41	4 45	3 23	18 36	1 10	21 10	0 37	3 20	1 1	18 47	0 43	21 17	1 48	17 28	0 20	21 3
S 28	13 1	9 13	4 15	19 7	1 17	21 27	0 40	3 35	1 1	18 46	0 42	21 16	1 49	17 29	0 20	21 2
M29	13 21	13 8	4 50	19 36	1 23	21 43	0 43	3 50	1 1	18 44	0 42	21 16	1 49	17 30	0 20	21 2
T 30	13 41	16 10	5 4	20 4	1 29	21 59	0 46	4 5	1 0	18 43	0 42	21 16	1 49	17 31	0 20	21 2
W31	14s 0	18s 4	4n57	20s32	1s36	22s15	0s49	4s20	1n 0	18s42	0s42	21n16	1s49	17s32	0n20	21s 2

Julian Day Number = 2688860.5, Delta T = 23m34s

Ecliptic obliquity = 23°21'10, Nutation = - 0°00'07

Ayanamsha: Fagan/Bradley = 33°49'45, Lahiri = 32°56'45

## ASTRODIENST EPHEMERIS for the year 2649

NOVEMBER 2649

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 41 45	8♍37°08	5♊16	26♍37	8♌29	14♌1	8♌48	21°R17	20♍41	20♊35	2°R44	8°R 3	6♍44	4♍8	10°R24	T 1
F 2	2 45 41	9°36'48	19°34	28° 2	9°42	14°39	8°54	21°II14	20°44	20°36	2°D43	7♍59	6°41	4°15	10°R23	F 2
S 3	2 49 38	10°36'31	3♌27	29°28	10°56	15°17	8°59	21°11	20°48	20°37	2°43	7°57	6°38	4°22	10°22	S 3
S 4	2 53 34	11°36'15	16°55	0♌52	12° 9	15°55	9° 5	21° 8	20°52	20°38	2°42	7°D57	6°35	4°29	10°21	S 4
M 5	2 57 31	12°36'00	0♌1	2°16	13°23	16°34	9°11	21° 5	20°55	20°39	2°41	7°58	6°32	4°35	10°20	M 5
T 6	3 1 28	13°35'47	12°48	3°38	14°36	17°12	9°17	21° 1	20°59	20°40	2°41	7°R58	6°28	4°42	10°19	T 6
W 7	3 5 24	14°35'36	25°20	5° 0	15°50	17°50	9°23	20°58	21° 3	20°41	2°40	7°56	6°25	4°49	10°18	W 7
T 8	3 9 21	15°35'27	7°V40	6°21	17° 3	18°28	9°30	20°55	21° 7	20°42	2°39	7°53	6°22	4°55	10°17	T 8
F 9	3 13 17	16°35'19	19°51	7°41	18°16	19° 7	9°36	20°51	21°10	20°44	2°39	7°46	6°19	5° 2	10°17	F 9
S 10	3 17 14	17°35'13	1♌55	8°59	19°30	19°45	9°43	20°47	21°14	20°45	2°38	7°36	6°16	5° 9	10°16	S 10
S 11	3 21 10	18°35'09	13°54	10°17	20°43	20°23	9°50	20°44	21°18	20°46	2°37	7°24	6°13	5°16	10°15	S 11
M12	3 25 7	19°35'07	25°49	11°33	21°56	21° 1	9°57	20°40	21°22	20°47	2°36	7°11	6° 9	5°22	10°15	M12
T 13	3 29 3	20°35'07	7♍42	12°48	23°10	21°40	10° 4	20°36	21°26	20°49	2°35	6°57	6° 6	5°29	10°14	T 13
W14	3 33 0	21°35'08	19°34	14° 0	24°23	22°18	10°12	20°32	21°29	20°50	2°35	6°44	6° 3	5°36	10°14	W14
T 15	3 36 57	22°35'12	1♌27	15°12	25°36	22°56	10°19	20°28	21°33	20°52	2°34	6°32	6° 0	5°42	10°14	T 15
F 16	3 40 53	23°35'18	13°23	16°21	26°49	23°34	10°27	20°24	21°37	20°53	2°33	6°23	5°57	5°49	10°13	F 16
S 17	3 44 50	24°35'25	25°25	17°28	28° 3	24°13	10°34	20°20	21°41	20°54	2°32	6°17	5°53	5°56	10°13	S 17
S 18	3 48 46	25°35'35	7♍37	18°32	29°16	24°51	10°42	20°16	21°44	20°56	2°31	6°14	5°50	6° 3	10°13	S 18
M19	3 52 43	26°35'46	20° 3	19°34	0♌29	25°29	10°50	20°12	21°48	20°57	2°30	6°13	5°47	6° 9	10°13	M19
T 20	3 56 39	27°36'00	2♍49	20°32	1°42	26° 8	10°59	20° 7	21°52	20°59	2°29	6°13	5°44	6°16	10°D13	T 20
W21	4 0 36	28°36'16	15°59	21°27	2°55	26°46	11° 7	20° 3	21°56	21° 0	2°28	6°13	5°41	6°23	10°13	W21
T 22	4 4 32	29°36'33	29°36	22°18	4° 9	27°24	11°16	19°58	21°59	21° 2	2°27	6°11	5°38	6°30	10°13	T 22
F 23	4 8 29	0♌36'53	13♌43	23° 4	5°22	28° 2	11°24	19°54	22° 3	21° 4	2°26	6° 7	5°34	6°36	10°13	F 23
S 24	4 12 26	1°37'14	28°19	23°46	6°35	28°41	11°33	19°49	22° 7	21° 5	2°25	6° 1	5°31	6°43	10°13	S 24
S 25	4 16 22	2°37'37	13♍19	24°21	7°48	29°19	11°42	19°45	22°11	21° 7	2°24	5°51	5°28	6°50	10°14	S 25
M26	4 20 19	3°38'03	28°36	24°51	9° 1	29°57	11°51	19°40	22°14	21° 8	2°23	5°40	5°25	6°56	10°14	M26
T 27	4 24 15	4°38'29	13♌58	25°13	10°14	0♍36	12° 0	19°36	22°18	21°10	2°22	5°28	5°22	7° 3	10°14	T 27
W28	4 28 12	5°38'58	29°13	25°28	11°27	1°14	12° 9	19°31	22°22	21°12	2°21	5°17	5°19	7°10	10°15	W28
T 29	4 32 8	6°39'28	14♊11	25°R35	12°40	1°52	12°19	19°26	22°25	21°14	2°20	5° 9	5°15	7°17	10°15	T 29
F 30	4 36 5	7♌39'59	28♊44	25♌32	13♊53	2♍31	12°28	19°II22	22♍29	21♊15	2°D19	5♍2	5♍12	7♍23	10♌16	F 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	14s19	18s44	4n31	20s59	1s42	22s29	0s51	4s35	1n 0	18s40	0s42	21n15	1s49	17s33	0n19	21s 2
F 2	14 38	18 10	3 48	21 24	1 48	22 43	0 54	4 50	1 0	18 39	0 42	21 15	1 49	17 34	0 19	21 2
S 3	14 57	16 30	2 53	21 48	1 53	22 56	0 57	5 5	1 0	18 37	0 42	21 15	1 49	17 35	0 19	21 2
S 4	15 16	13 58	1 50	22 12	1 59	23 9	1 0	5 20	0 59	18 36	0 42	21 15	1 49	17 36	0 19	21 2
M 5	15 34	10 46	0 42	22 34	2 4	23 21	1 2	5 35	0 59	18 34	0 42	21 14	1 49	17 37	0 19	21 2
T 6	15 52	7 8	0s26	22 55	2 9	23 33	1 5	5 49	0 59	18 33	0 42	21 14	1 49	17 38	0 19	21 1
W 7	16 10	3 15	1 31	23 15	2 14	23 43	1 8	6 4	0 59	18 31	0 42	21 14	1 49	17 39	0 19	21 1
T 8	16 27	0n43	2 31	23 34	2 19	23 53	1 10	6 19	0 58	18 29	0 42	21 14	1 49	17 40	0 19	21 1
F 9	16 44	4 36	3 23	23 52	2 23	24 3	1 13	6 34	0 58	18 27	0 42	21 13	1 49	17 41	0 19	21 1
S 10	17 1	8 15	4 5	24 9	2 27	24 12	1 15	6 48	0 58	18 26	0 42	21 13	1 49	17 41	0 19	21 1
S 11	17 18	11 33	4 36	24 24	2 31	24 20	1 18	7 3	0 58	18 24	0 42	21 13	1 49	17 42	0 19	21 1
M12	17 34	14 22	4 55	24 38	2 34	24 27	1 20	7 17	0 57	18 22	0 42	21 12	1 49	17 43	0 19	21 0
T 13	17 50	16 34	5 0	24 51	2 37	24 33	1 23	7 32	0 57	18 20	0 42	21 12	1 49	17 44	0 19	21 0
W14	18 6	18 4	4 53	25 3	2 40	24 39	1 25	7 46	0 57	18 18	0 42	21 12	1 49	17 45	0 19	21 0
T 15	18 21	18 48	4 33	25 13	2 42	24 44	1 28	8 1	0 57	18 16	0 42	21 11	1 49	17 46	0 19	21 0
F 16	18 36	18 41	4 1	25 22	2 43	24 49	1 30	8 15	0 56	18 14	0 42	21 11	1 49	17 47	0 19	21 0
S 17	18 51	17 44	3 18	25 30	2 44	24 53	1 32	8 29	0 56	18 12	0 42	21 11	1 50	17 48	0 19	21 0
S 18	19 5	15 58	2 25	25 36	2 45	24 55	1 34	8 43	0 56	18 9	0 42	21 11	1 50	17 49	0 19	20 59
M19	19 19	13 25	1 24	25 41	2 45	24 58	1 37	8 58	0 55	18 7	0 42	21 10	1 50	17 50	0 19	20 59
T 20	19 33	10 9	0 18	25 44	2 44	24 59	1 39	9 12	0 55	18 5	0 42	21 10	1 50	17 51	0 19	20 59
W21	19 47	6 18	0n51	25 47	2 42	25 0	1 41	9 26	0 55	18 3	0 42	21 10	1 50	17 52	0 19	20 59
T 22	20 0	2 0	2 0	25 47	2 40	25 0	1 43	9 40	0 55	18 0	0 42	21 9	1 50	17 53	0 19	20 59
F 23	20 12	2s34	3 4	25 46	2 36	24 59	1 45	9 54	0 54	17 58	0 42	21 9	1 50	17 54	0 19	20 58
S 24	20 25	7 7	3 58	25 44	2 32	24 58	1 47	10 7	0 54	17 55	0 42	21 9	1 50	17 55	0 19	20 58
S 25	20 37	11 22	4 37	25 41	2 27	24 56	1 48	10 21	0 54	17 53	0 42	21 8	1 50	17 56	0 19	20 58
M26	20 48	14 56	4 58	25 35	2 20	24 53	1 50	10 35	0 53	17 50	0 42	21 8	1 49	17 57	0 19	20 58
T 27	20 59	17 29	4 57	25 28	2 12	24 49	1 52	10 49	0 53	17 48	0 42	21 8	1 49	17 58	0 19	20 57
W28	21 10	18 46	4 35	25 20	2 3	24 45	1 53	11 2	0 53	17 45	0 42	21 7	1 49	17 59	0 19	20 57
T 29	21 21	18 43	3 54	25 10	1 53	24 40	1 55	11 16	0 52	17 43	0 41	21 7	1 49	18 0	0 19	20 57
F 30	21s31	17s25	2n59	24s58	1s41	24s34	1s56	11s29	0n52	17s40	0s41	21n 7	1s49	18s 1	0n19	20s57

Julian Day Number = 2688891.5, Delta T = 23m34s

Ecliptic obliquity = 23°21'09", Nutation = - 0°00'08

Ayanamsha: Fagan/Bradley = 33°49'49", Lahiri = 32°56'49

## ASTRODIENST EPHEMERIS for the year 2649

DECEMBER 2649

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 40 1	8°40'31	12°48	25°R19	15°36 6	3°M 9	12°38	19°R17	22°M33	21°317	2°R18	4°R59	5°M 9	7°H30	10°K17	S 1
S 2	4 43 58	9°41'04	26°23	24°456	16°18	3°48	12°48	19°H12	22°36	21°19	2°17	4°M58	5° 6	7°37	10°17	S 2
M 3	4 47 55	10°41'39	9°H31	24°22	17°31	4°26	12°58	19° 7	22°40	21°21	2°16	4°58	5° 3	7°44	10°18	M 3
T 4	4 51 51	11°42'15	22°15	23°38	18°44	5° 4	13° 8	19° 2	22°44	21°23	2°15	4°57	4°59	7°50	10°19	T 4
W 5	4 55 48	12°42'52	4°Y42	22°43	19°57	5°43	13°18	18°57	22°47	21°24	2°14	4°56	4°56	7°57	10°20	W 5
T 6	4 59 44	13°43'29	16°55	21°39	21° 9	6°21	13°28	18°53	22°51	21°26	2°13	4°52	4°53	8° 4	10°21	T 6
F 7	5 3 41	14°44'09	28°58	20°27	22°22	6°59	13°39	18°48	22°54	21°28	2°12	4°45	4°50	8°10	10°22	F 7
S 8	5 7 37	15°44'49	10°B55	19° 9	23°35	7°38	13°49	18°43	22°58	21°30	2°11	4°35	4°47	8°17	10°23	S 8
S 9	5 11 34	16°45'30	22°48	17°48	24°47	8°16	14° 0	18°38	23° 1	21°32	2°10	4°23	4°44	8°24	10°24	S 9
M10	5 15 30	17°46'13	4°H41	16°25	26° 0	8°54	14°10	18°33	23° 5	21°34	2° 8	4° 9	4°40	8°31	10°25	M10
T 11	5 19 27	18°46'57	16°34	15° 5	27°12	9°33	14°21	18°28	23° 8	21°36	2° 7	3°54	4°37	8°37	10°26	T 11
W12	5 23 24	19°47'42	28°28	13°48	28°25	10°11	14°32	18°23	23°12	21°38	2° 6	3°40	4°34	8°44	10°28	W12
T 13	5 27 20	20°48'28	10°B26	12°39	29°37	10°50	14°43	18°18	23°15	21°40	2° 5	3°28	4°31	8°51	10°29	T 13
F 14	5 31 17	21°49'16	22°28	11°39	0°449	11°28	14°54	18°13	23°19	21°42	2° 4	3°19	4°28	8°57	10°31	F 14
S 15	5 35 13	22°50'04	4°L36	10°48	2° 1	12° 6	15° 5	18° 8	23°22	21°44	2° 3	3°12	4°25	9° 4	10°32	S 15
S 16	5 39 10	23°50'54	16°53	10° 9	3°14	12°45	15°17	18° 3	23°26	21°46	2° 2	3° 9	4°21	9°11	10°34	S 16
M17	5 43 6	24°51'46	29°23	9°42	4°26	13°23	15°28	17°59	23°29	21°48	2° 0	3°D 7	4°18	9°18	10°35	M17
T 18	5 47 3	25°52'38	12°M 8	9°25	5°38	14° 2	15°40	17°54	23°32	21°50	1°59	3° 8	4°15	9°24	10°37	T 18
W19	5 50 59	26°53'32	25°12	9°D20	6°50	14°40	15°51	17°49	23°36	21°52	1°58	3°R 8	4°12	9°31	10°39	W19
T 20	5 54 56	27°54'27	8°A41	9°25	8° 2	15°18	16° 3	17°44	23°39	21°54	1°57	3° 8	4° 9	9°38	10°40	T 20
F 21	5 58 53	28°55'23	22°35	9°40	9°14	15°57	16°15	17°39	23°42	21°56	1°56	3° 5	4° 5	9°45	10°42	F 21
S 22	6 2 49	29°56'21	6°M56	10° 3	10°26	16°35	16°27	17°35	23°45	21°59	1°55	3° 0	4° 2	9°51	10°44	S 22
S 23	6 6 46	0°357'20	21°42	10°34	11°37	17°14	16°39	17°30	23°49	22° 1	1°53	2°53	3°59	9°58	10°46	S 23
M24	6 10 42	1°58'19	6°A46	11°12	12°49	17°52	16°51	17°25	23°52	22° 3	1°52	2°44	3°56	10° 5	10°48	M24
T 25	6 14 39	2°59'20	22° 0	11°57	14° 1	18°31	17° 3	17°20	23°55	22° 5	1°51	2°35	3°53	10°11	10°50	T 25
W26	6 18 35	4° 0'22	7°B13	12°47	15°12	19° 9	17°15	17°16	23°58	22° 7	1°50	2°25	3°50	10°18	10°52	W26
T 27	6 22 32	5° 1'24	22°14	13°42	16°24	19°48	17°27	17°11	24° 1	22° 9	1°49	2°18	3°46	10°25	10°54	T 27
F 28	6 26 29	6° 2'27	6°A55	14°42	17°35	20°26	17°40	17° 7	24° 4	22°12	1°48	2°13	3°43	10°32	10°56	F 28
S 29	6 30 25	7° 3'30	21° 8	15°45	18°46	21° 5	17°52	17° 2	24° 7	22°14	1°46	2°10	3°40	10°38	10°59	S 29
S 30	6 34 22	8° 4'34	4°K53	16°51	19°58	21°43	18° 5	16°58	24°10	22°16	1°45	2°D10	3°37	10°45	11° 1	S 30
M31	6 38 18	9°35'38	18°K 9	18°A 1	21°A 9	22°M21	18°A17	16°H53	24°M13	22°318	1°B44	2°M10	3°M34	10°H52	11°K 3	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	21s40	15s 5	1n54	24s44	1s28	24s27	1s58	11s42	0n52	17s37	0s41	21n 6	1s49	18s 2	0n19	20s56
S 2	21 49	11 58	0 45	24 28	1 13	24 20	1 59	11 56	0 51	17 34	0 41	21 6	1 49	18 3	0 19	20 56
M 3	21 58	8 21	0s24	24 10	0 56	24 12	2 0	12 9	0 51	17 31	0 41	21 6	1 49	18 4	0 19	20 56
T 4	22 6	4 26	1 30	23 51	0 39	24 3	2 2	12 22	0 51	17 29	0 41	21 5	1 49	18 5	0 19	20 56
W 5	22 14	0 26	2 30	23 29	0 20	23 54	2 3	12 35	0 50	17 26	0 41	21 5	1 49	18 5	0 19	20 55
T 6	22 22	3n30	3 22	23 5	0n 0	23 44	2 4	12 48	0 50	17 23	0 41	21 5	1 49	18 6	0 19	20 55
F 7	22 29	7 15	4 4	22 40	0 20	23 33	2 5	13 1	0 50	17 20	0 41	21 4	1 49	18 7	0 19	20 55
S 8	22 36	10 41	4 35	22 14	0 41	23 22	2 6	13 14	0 49	17 17	0 41	21 4	1 49	18 8	0 19	20 55
S 9	22 42	13 40	4 54	21 47	1 1	23 10	2 6	13 26	0 49	17 14	0 41	21 4	1 49	18 9	0 19	20 54
M10	22 48	16 5	5 0	21 20	1 20	22 57	2 7	13 39	0 49	17 11	0 41	21 3	1 49	18 10	0 19	20 54
T 11	22 53	17 49	4 53	20 54	1 38	22 44	2 8	13 51	0 48	17 7	0 41	21 3	1 49	18 11	0 19	20 54
W12	22 58	18 48	4 33	20 29	1 54	22 30	2 8	14 4	0 48	17 4	0 41	21 3	1 49	18 12	0 19	20 54
T 13	23 2	18 56	4 1	20 7	2 8	22 15	2 8	14 16	0 48	17 1	0 41	21 2	1 49	18 13	0 19	20 53
F 14	23 6	18 14	3 18	19 48	2 20	22 0	2 9	14 28	0 47	16 58	0 41	21 2	1 48	18 13	0 19	20 53
S 15	23 10	16 41	2 25	19 31	2 29	21 44	2 9	14 40	0 47	16 54	0 41	21 2	1 48	18 14	0 19	20 53
S 16	23 13	14 22	1 25	19 19	2 37	21 27	2 9	14 52	0 46	16 51	0 41	21 1	1 48	18 15	0 19	20 52
M17	23 15	11 20	0 20	19 9	2 42	21 10	2 9	15 4	0 46	16 48	0 41	21 1	1 48	18 16	0 19	20 52
T 18	23 17	7 43	0n48	19 4	2 45	20 53	2 9	15 16	0 46	16 44	0 41	21 1	1 48	18 17	0 19	20 52
W19	23 19	3 39	1 55	19 2	2 46	20 35	2 9	15 28	0 45	16 41	0 41	21 0	1 48	18 18	0 19	20 51
T 20	23 20	0s43	2 57	19 3	2 46	20 16	2 9	15 39	0 45	16 37	0 41	21 0	1 48	18 18	0 19	20 51
F 21	23 21	5 10	3 52	19 7	2 44	19 57	2 8	15 51	0 44	16 34	0 41	21 0	1 48	18 19	0 19	20 51
S 22	23 21	9 28	4 33	19 13	2 41	19 37	2 8	16 2	0 44	16 30	0 41	20 59	1 48	18 20	0 19	20 50
S 23	23 21	13 19	4 58	19 21	2 37	19 16	2 7	16 13	0 44	16 27	0 41	20 59	1 47	18 21	0 19	20 50
M24	23 20	16 23	5 3	19 31	2 33	18 56	2 6	16 24	0 43	16 23	0 41	20 59	1 47	18 22	0 19	20 50
T 25	23 19	18 20	4 47	19 43	2 27	18 34	2 6	16 35	0 43	16 20	0 41	20 58	1 47	18 22	0 19	20 49
W26	23 18	19 0	4 10	19 55	2 21	18 12	2 5	16 46	0 42	16 16	0 41	20 58	1 47	18 23	0 19	20 49
T 27	23 15	18 17	3 17	20 8	2 14	17 50	2 4	16 57	0 42	16 12	0 41	20 58	1 47	18 24	0 19	20 49
F 28	23 13	16 22	2 11	20 22	2 7	17 27	2 3	17 8	0 41	16 8	0 41	20 58	1 47	18 25	0 19	20 48
S 29	23 10	13 28	0 59	20 37	2 0	17 4	2 2	17 18	0 41	16 5	0 41	20 57	1 47	18 25	0 19	20 48
S 30	23 6	9 55	0s15	20 51	1 52	16 41	2 0	17 29	0 40	16 1	0 41	20 57	1 46	18 26	0 19	20 48
M31	23s 3	5s58	1s25	21s 5	1n44	16s16	1s59	17s39	0n40	15s57	0s41	20n57	1s46	18s27	0n19	20s47

Julian Day Number = 2688921.5, Delta T = 23m35s

Ecliptic obliquity = 23°21'09, Nutation = - 0°00'08

Ayanamsha: Fagan/Bradley = 33°49'53, Lahiri = 32°56'53

## ASTRODIENST EPHEMERIS for the year 2650

JANUARY 2650

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 42 15	10°36'42"	1°0'0"	19°13'13"	22°28'20"	23°0'0"	18°30'30"	16°R49	24°16'16"	22°28'21"	1°R43	2°11'11"	3°31'31"	10°11'59"	11°18'6"	T 1
W 2	6 46 11	11° 7'47"	13°29'	20°27'	23°31'	23°38'	18°43'	16°II45	24°19'	22°23'	1°42'	2°R12	3°27'	11° 5'	11° 8'	W 2
T 3	6 50 8	12° 8'51"	25°42'	21°43'	24°41'	24°17'	18°55'	16°41'	24°22'	22°25'	1°41'	2°11'	3°24'	11°12'	11°11'	T 3
F 4	6 54 4	13° 9'56"	7°44'	23° 1'	25°52'	24°55'	19° 8'	16°37'	24°25'	22°27'	1°39'	2° 7'	3°21'	11°19'	11°13'	F 4
S 5	6 58 1	14°11'01"	19°39'	24°20'	27° 3'	25°34'	19°21'	16°32'	24°27'	22°29'	1°38'	2° 2'	3°18'	11°25'	11°16'	S 5
S 6	7 1 58	15°12'06"	1°II30	25°41'	28°13'	26°12'	19°34'	16°28'	24°30'	22°32'	1°37'	1°54'	3°15'	11°32'	11°18'	S 6
M 7	7 5 54	16°13'12"	13°22'	27° 3'	29°24'	26°51'	19°47'	16°25'	24°33'	22°34'	1°36'	1°46'	3°11'	11°39'	11°21'	M 7
T 8	7 9 51	17°14'17"	25°17'	28°25'	0°X34	27°29'	20° 0'	16°21'	24°35'	22°36'	1°35'	1°37'	3° 8'	11°46'	11°24'	T 8
W 9	7 13 47	18°15'23"	7°46'	29°49'	1°44'	28° 7'	20°13'	16°17'	24°38'	22°39'	1°34'	1°28'	3° 5'	11°52'	11°26'	W 9
T 10	7 17 44	19°16'29"	19°22'	1°314	2°54'	28°46'	20°27'	16°13'	24°41'	22°41'	1°33'	1°20'	3° 2'	11°59'	11°29'	T 10
F 11	7 21 40	20°17'35"	1°35	2°40'	4° 4'	29°24'	20°40'	16° 9'	24°43'	22°43'	1°32'	1°15'	2°59'	12° 6'	11°32'	F 11
S 12	7 25 37	21°18'41"	13°56'	4° 6'	5°14'	0°13	20°53'	16° 6'	24°46'	22°45'	1°31'	1°11'	2°56'	12°12'	11°35'	S 12
S 13	7 29 33	22°19'48"	26°28'	5°33'	6°23'	0°41	21° 7'	16° 2'	24°48'	22°48'	1°29'	1°D 9	2°52'	12°19'	11°38'	S 13
M14	7 33 30	23°20'54"	9°110	7° 0'	7°33'	1°20	21°20'	15°59'	24°50'	22°50'	1°28'	1°10'	2°49'	12°26'	11°41'	M14
T 15	7 37 27	24°22'01"	22° 6'	8°29'	8°42'	1°58	21°34'	15°56'	24°53'	22°52'	1°27'	1°11'	2°46'	12°33'	11°44'	T 15
W16	7 41 23	25°23'08"	5°17	9°57'	9°51'	2°37	21°47'	15°53'	24°55'	22°54'	1°26'	1°13'	2°43'	12°39'	11°47'	W16
T 17	7 45 20	26°24'15"	18°45'	11°27'	11° 0'	3°15	22° 1'	15°49'	24°57'	22°57'	1°25'	1°14'	2°40'	12°46'	11°50'	T 17
F 18	7 49 16	27°25'23"	2°132	12°56'	12° 9'	3°54	22°14'	15°46'	25° 0'	22°59'	1°24'	1°R14	2°36'	12°53'	11°53'	F 18
S 19	7 53 13	28°26'31"	16°39'	14°27'	13°17'	4°32	22°28'	15°43'	25° 2'	23° 1'	1°23'	1°13'	2°33'	13° 0'	11°56'	S 19
S 20	7 57 9	29°27'38"	1°15	15°57'	14°26'	5°10	22°42'	15°40'	25° 4'	23° 4'	1°22'	1°10'	2°30'	13° 6'	12° 0'	S 20
M21	8 1 6	0°28'47"	15°45'	17°28'	15°34'	5°49	22°55'	15°38'	25° 6'	23° 6'	1°21'	1° 6'	2°27'	13°13'	12° 3'	M21
T 22	8 5 2	1°29'55"	0°35	19° 0'	16°42'	6°27	23° 9'	15°35'	25° 8'	23° 8'	1°20'	1° 1'	2°24'	13°20'	12° 6'	T 22
W23	8 8 59	2°31'03"	15°27'	20°32'	17°50'	7° 6'	23°23'	15°32'	25°10'	23°10'	1°19'	0°57'	2°21'	13°26'	12°10'	W23
T 24	8 12 56	3°32'11"	0°12	22° 5'	18°58'	7°44	23°37'	15°30'	25°12'	23°13'	1°18'	0°53'	2°17'	13°33'	12°13'	T 24
F 25	8 16 52	4°33'18"	14°43'	23°38'	20° 6'	8°23	23°51'	15°28'	25°14'	23°15'	1°17'	0°51'	2°14'	13°40'	12°16'	F 25
S 26	8 20 49	5°34'25"	28°54'	25°12'	21°13'	9° 1'	24° 5'	15°25'	25°16'	23°17'	1°16'	0°D50	2°11'	13°47'	12°20'	S 26
S 27	8 24 45	6°35'31"	12°41	26°46'	22°20'	9°40	24°19'	15°23'	25°18'	23°19'	1°15'	0°51'	2° 8'	13°53'	12°23'	S 27
M28	8 28 42	7°36'37"	26° 3'	28°20'	23°27'	10°18	24°33'	15°21'	25°19'	23°21'	1°14'	0°52'	2° 5'	14° 0'	12°27'	M28
T 29	8 32 38	8°37'42"	9°0	29°55'	24°34'	10°56	24°47'	15°19'	25°21'	23°24'	1°13'	0°54'	2° 2'	14° 7'	12°30'	T 29
W30	8 36 35	9°38'46"	21°36'	1°331	25°40'	11°35	25° 1'	15°17'	25°23'	23°26'	1°13'	0°55'	1°58'	14°13'	12°34'	W30
T 31	8 40 31	10°39'49"	3°54	3° 7'	26°46'	12°13	25°15	15°16	25°16	23°28	1°12	0°56	1°55	14°12	12°37	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	22s58	1s53	2s29	21s19	1n36	15s52	1s57	17s49	0n40	15s53	0s41	20n57	1s46	18s28	0n19	T 1
W 2	22 53	2n11	3 23	21 33	1 28	15 27	1 56	17 59	0 39	15 49	0 41	20 56	1 46	18 28	0 19	W 2
T 3	22 48	6 3	4 8	21 46	1 20	15 2	1 54	18 9	0 39	15 45	0 41	20 56	1 46	18 29	0 19	T 3
F 4	22 42	9 37	4 40	21 59	1 11	14 36	1 52	18 19	0 38	15 41	0 41	20 56	1 46	18 30	0 19	F 4
S 5	22 36	12 45	5 0	22 11	1 3	14 11	1 50	18 28	0 38	15 37	0 41	20 56	1 45	18 30	0 19	S 5
S 6	22 29	15 22	5 7	22 22	0 55	13 44	1 48	18 38	0 37	15 33	0 41	20 55	1 45	18 31	0 19	S 6
M 7	22 22	17 20	5 1	22 33	0 47	13 18	1 46	18 47	0 37	15 29	0 41	20 55	1 45	18 32	0 19	M 7
T 8	22 15	18 34	4 42	22 42	0 38	12 51	1 43	18 56	0 36	15 25	0 41	20 55	1 45	18 32	0 19	T 8
W 9	22 7	18 59	4 10	22 51	0 30	12 24	1 41	19 5	0 36	15 21	0 41	20 55	1 45	18 33	0 19	W 9
T 10	21 58	18 33	3 27	22 58	0 22	11 56	1 39	19 14	0 35	15 17	0 41	20 55	1 44	18 33	0 19	T 10
F 11	21 50	17 14	2 33	23 5	0 14	11 28	1 36	19 23	0 35	15 12	0 41	20 54	1 44	18 34	0 19	F 11
S 12	21 40	15 7	1 32	23 11	0 7	11 0	1 33	19 32	0 34	15 8	0 41	20 54	1 44	18 35	0 19	S 12
S 13	21 31	12 15	0 26	23 15	0s 1	10 32	1 30	19 40	0 34	15 4	0 41	20 54	1 44	18 35	0 19	S 13
M14	21 20	8 47	0n44	23 19	0 8	10 4	1 27	19 49	0 33	15 0	0 41	20 54	1 44	18 36	0 19	M14
T 15	21 10	4 50	1 52	23 21	0 16	9 35	1 24	19 57	0 32	14 55	0 41	20 54	1 43	18 36	0 19	T 15
W16	20 59	0 36	2 55	23 22	0 23	9 6	1 21	20 5	0 32	14 51	0 42	20 54	1 43	18 37	0 19	W16
T 17	20 48	3s46	3 51	23 22	0 30	8 37	1 18	20 13	0 31	14 47	0 42	20 54	1 43	18 37	0 19	T 17
F 18	20 36	8 1	4 34	23 20	0 37	8 7	1 14	20 21	0 31	14 42	0 42	20 54	1 43	18 38	0 19	F 18
S 19	20 24	11 55	5 2	23 18	0 43	7 38	1 11	20 29	0 30	14 38	0 42	20 53	1 43	18 39	0 19	S 19
S 20	20 11	15 12	5 12	23 14	0 50	7 8	1 7	20 36	0 30	14 33	0 42	20 53	1 42	18 39	0 19	S 20
M21	19 58	17 35	5 2	23 9	0 56	6 39	1 3	20 43	0 29	14 29	0 42	20 53	1 42	18 40	0 19	M21
T 22	19 45	18 49	4 32	23 2	1 2	6 9	0 59	20 51	0 28	14 24	0 42	20 53	1 42	18 40	0 19	T 22
W23	19 32	18 46	3 43	22 55	1 8	5 38	0 55	20 58	0 28	14 20	0 42	20 53	1 42	18 40	0 19	W23
T 24	19 18	17 25	2 40	22 46	1 14	5 8	0 51	21 4	0 27	14 15	0 42	20 53	1 41	18 41	0 19	T 24
F 25	19 3	14 58	1 27	22 35	1 19	4 38	0 47	21 11	0 27	14 11	0 42	20 53	1 41	18 41	0 19	F 25
S 26	18 49	11 39	0 11	22 24	1 24	4 8	0 43	21 18	0 26	14 6	0 42	20 53	1 41	18 42	0 19	S 26
S 27	18 33	7 46	1s 5	22 11	1 29	3 37	0 38	21 24	0 25	14 2	0 42	20 53	1 41	18 42	0 19	S 27
M28	18 18	3 37	2 14	21 57	1 34	3 7	0 34	21 30	0 25	13 57	0 42	20 53	1 40	18 43	0 19	M28
T 29	18 2	0n34	3 15	21 41	1 38	2 36	0 29	21 36	0 24	13 52	0 42	20 53	1 40	18 43	0 19	T 29
W30	17 46	4 37	4 4	21 25	1 42	2 6	0 25	21 42	0 23	13 48	0 42	20 53	1 40	18 43	0 19	W30
T 31	17s30	8n21	4s41	21s 6	1s46	1s35	0s20	21s48	0n23	13s43	0s42	20n53	1s40	18s44	0n19	T 31

Julian Day Number = 2688952.5, Delta T = 23m35s

Ecliptic obliquity = 23°21'09", Nutation = - 0°00'07"

Ayanamsha: Fagan/Bradley = 33°49'58", Lahiri = 32°56'58"

# ASTRODIENST EPHEMERIS for the year 2650

FEBRUARY 2650

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8 44 28	11 <sup>40</sup> 52	15 <sup>58</sup> 58	4 <sup>44</sup> 44	27 <sup>52</sup> 52	12 <sup>52</sup> 52	25 <sup>29</sup> 29	15 <sup>14</sup> 14	25 <sup>26</sup> 26	23 <sup>30</sup> 30	1 <sup>11</sup> 11	0 <sup>56</sup> 56	1 <sup>52</sup> 52	14 <sup>27</sup> 27	12 <sup>41</sup> 41	F 1
S 2	8 48 25	12 <sup>41</sup> 54	27 <sup>54</sup> 54	6 <sup>21</sup> 21	28 <sup>58</sup> 58	13 <sup>30</sup> 30	25 <sup>43</sup> 43	15 <sup>12</sup> 12	25 <sup>27</sup> 27	23 <sup>32</sup> 32	1 <sup>10</sup> 10	0 <sup>55</sup> 55	1 <sup>49</sup> 49	14 <sup>34</sup> 34	12 <sup>44</sup> 44	S 2
S 3	8 52 21	13 <sup>42</sup> 54	9 <sup>46</sup> 46	7 <sup>59</sup> 59	0 <sup>3</sup> 3	14 <sup>8</sup> 8	25 <sup>58</sup> 58	15 <sup>11</sup> 11	25 <sup>29</sup> 29	23 <sup>35</sup> 35	1 <sup>9</sup> 9	0 <sup>54</sup> 54	1 <sup>46</sup> 46	14 <sup>40</sup> 40	12 <sup>48</sup> 48	S 3
M 4	8 56 18	14 <sup>43</sup> 54	21 <sup>38</sup> 38	9 <sup>38</sup> 38	1 <sup>9</sup> 9	14 <sup>47</sup> 47	26 <sup>12</sup> 12	15 <sup>10</sup> 10	25 <sup>30</sup> 30	23 <sup>37</sup> 37	1 <sup>8</sup> 8	0 <sup>51</sup> 51	1 <sup>42</sup> 42	14 <sup>47</sup> 47	12 <sup>52</sup> 52	M 4
T 5	9 0 14	15 <sup>44</sup> 53	3 <sup>35</sup> 35	11 <sup>17</sup> 17	2 <sup>13</sup> 13	15 <sup>25</sup> 25	26 <sup>26</sup> 26	15 <sup>8</sup> 8	25 <sup>32</sup> 32	23 <sup>39</sup> 39	1 <sup>7</sup> 7	0 <sup>49</sup> 49	1 <sup>39</sup> 39	14 <sup>54</sup> 54	12 <sup>55</sup> 55	T 5
W 6	9 4 11	16 <sup>45</sup> 51	15 <sup>39</sup> 39	12 <sup>57</sup> 57	3 <sup>18</sup> 18	16 <sup>4</sup> 4	26 <sup>40</sup> 40	15 <sup>7</sup> 7	25 <sup>33</sup> 33	23 <sup>41</sup> 41	1 <sup>7</sup> 7	0 <sup>47</sup> 47	1 <sup>36</sup> 36	15 <sup>0</sup> 0	12 <sup>59</sup> 59	W 6
T 7	9 8 7	17 <sup>46</sup> 48	27 <sup>53</sup> 53	14 <sup>37</sup> 37	4 <sup>22</sup> 22	16 <sup>42</sup> 42	26 <sup>54</sup> 54	15 <sup>6</sup> 6	25 <sup>34</sup> 34	23 <sup>43</sup> 43	1 <sup>6</sup> 6	0 <sup>45</sup> 45	1 <sup>33</sup> 33	15 <sup>7</sup> 7	13 <sup>3</sup> 3	T 7
F 8	9 12 4	18 <sup>47</sup> 44	10 <sup>19</sup> 19	16 <sup>18</sup> 18	5 <sup>26</sup> 26	17 <sup>20</sup> 20	27 <sup>9</sup> 9	15 <sup>5</sup> 5	25 <sup>35</sup> 35	23 <sup>45</sup> 45	1 <sup>5</sup> 5	0 <sup>43</sup> 43	1 <sup>30</sup> 30	15 <sup>14</sup> 14	13 <sup>7</sup> 7	F 8
S 9	9 16 0	19 <sup>48</sup> 39	22 <sup>57</sup> 57	18 <sup>0</sup> 0	6 <sup>30</sup> 30	17 <sup>59</sup> 59	27 <sup>23</sup> 23	15 <sup>5</sup> 5	25 <sup>36</sup> 36	23 <sup>47</sup> 47	1 <sup>4</sup> 4	0 <sup>43</sup> 43	1 <sup>27</sup> 27	15 <sup>21</sup> 21	13 <sup>10</sup> 10	S 9
S 10	9 19 57	20 <sup>49</sup> 33	5 <sup>48</sup> 48	19 <sup>42</sup> 42	7 <sup>33</sup> 33	18 <sup>37</sup> 37	27 <sup>37</sup> 37	15 <sup>4</sup> 4	25 <sup>37</sup> 37	23 <sup>49</sup> 49	1 <sup>4</sup> 4	0 <sup>43</sup> 43	1 <sup>23</sup> 23	15 <sup>27</sup> 27	13 <sup>14</sup> 14	S 10
M 11	9 23 54	21 <sup>50</sup> 26	18 <sup>53</sup> 53	21 <sup>25</sup> 25	8 <sup>36</sup> 36	19 <sup>15</sup> 15	27 <sup>52</sup> 52	15 <sup>4</sup> 4	25 <sup>38</sup> 38	23 <sup>52</sup> 52	1 <sup>3</sup> 3	0 <sup>43</sup> 43	1 <sup>20</sup> 20	15 <sup>34</sup> 34	13 <sup>18</sup> 18	M 11
T 12	9 27 50	22 <sup>51</sup> 19	2 <sup>11</sup> 11	23 <sup>9</sup> 9	9 <sup>38</sup> 38	19 <sup>54</sup> 54	28 <sup>6</sup> 6	15 <sup>3</sup> 3	25 <sup>39</sup> 39	23 <sup>54</sup> 54	1 <sup>2</sup> 2	0 <sup>44</sup> 44	1 <sup>17</sup> 17	15 <sup>41</sup> 41	13 <sup>22</sup> 22	T 12
W 13	9 31 47	23 <sup>52</sup> 10	15 <sup>41</sup> 41	24 <sup>53</sup> 53	10 <sup>41</sup> 41	20 <sup>32</sup> 32	28 <sup>20</sup> 20	15 <sup>3</sup> 3	25 <sup>40</sup> 40	23 <sup>56</sup> 56	1 <sup>2</sup> 2	0 <sup>44</sup> 44	1 <sup>14</sup> 14	15 <sup>48</sup> 48	13 <sup>26</sup> 26	W 13
T 14	9 35 43	24 <sup>53</sup> 01	29 <sup>24</sup> 24	26 <sup>38</sup> 38	11 <sup>42</sup> 42	21 <sup>10</sup> 10	28 <sup>35</sup> 35	15 <sup>3</sup> 3	25 <sup>41</sup> 41	23 <sup>58</sup> 58	1 <sup>1</sup> 1	0 <sup>45</sup> 45	1 <sup>11</sup> 11	15 <sup>54</sup> 54	13 <sup>30</sup> 30	T 14
F 15	9 39 40	25 <sup>53</sup> 51	13 <sup>17</sup> 17	28 <sup>24</sup> 24	12 <sup>44</sup> 44	21 <sup>49</sup> 49	28 <sup>49</sup> 49	15 <sup>3</sup> 3	25 <sup>42</sup> 42	24 <sup>0</sup> 0	1 <sup>0</sup> 0	0 <sup>45</sup> 45	1 <sup>8</sup> 8	16 <sup>1</sup> 1	13 <sup>34</sup> 34	F 15
S 16	9 43 36	26 <sup>54</sup> 40	27 <sup>21</sup> 21	0 <sup>11</sup> 11	13 <sup>45</sup> 45	22 <sup>27</sup> 27	29 <sup>3</sup> 3	15 <sup>3</sup> 3	25 <sup>43</sup> 43	24 <sup>2</sup> 2	1 <sup>0</sup> 0	0 <sup>45</sup> 45	1 <sup>4</sup> 4	16 <sup>8</sup> 8	13 <sup>37</sup> 37	S 16
S 17	9 47 33	27 <sup>55</sup> 29	11 <sup>34</sup> 34	1 <sup>58</sup> 58	14 <sup>45</sup> 45	23 <sup>5</sup> 5	29 <sup>18</sup> 18	15 <sup>3</sup> 3	25 <sup>43</sup> 43	24 <sup>4</sup> 4	0 <sup>59</sup> 59	0 <sup>45</sup> 45	1 <sup>1</sup> 1	16 <sup>14</sup> 14	13 <sup>41</sup> 41	S 17
M 18	9 51 29	28 <sup>56</sup> 16	25 <sup>53</sup> 53	3 <sup>45</sup> 45	15 <sup>46</sup> 46	23 <sup>44</sup> 44	29 <sup>32</sup> 32	15 <sup>3</sup> 3	25 <sup>44</sup> 44	24 <sup>6</sup> 6	0 <sup>59</sup> 59	0 <sup>45</sup> 45	0 <sup>58</sup> 58	16 <sup>21</sup> 21	13 <sup>45</sup> 45	M 18
T 19	9 55 26	29 <sup>57</sup> 03	10 <sup>35</sup> 35	5 <sup>33</sup> 33	16 <sup>45</sup> 45	24 <sup>22</sup> 22	29 <sup>46</sup> 46	15 <sup>3</sup> 3	25 <sup>45</sup> 45	24 <sup>8</sup> 8	0 <sup>58</sup> 58	0 <sup>45</sup> 45	0 <sup>55</sup> 55	16 <sup>28</sup> 28	13 <sup>49</sup> 49	T 19
W 20	9 59 23	0 <sup>57</sup> 49	24 <sup>37</sup> 37	7 <sup>22</sup> 22	17 <sup>45</sup> 45	25 <sup>0</sup> 0	0 <sup>1</sup> 1	15 <sup>4</sup> 4	25 <sup>45</sup> 45	24 <sup>9</sup> 9	0 <sup>58</sup> 58	0 <sup>45</sup> 45	0 <sup>52</sup> 52	16 <sup>35</sup> 35	13 <sup>53</sup> 53	W 20
T 21	10 3 19	1 <sup>58</sup> 33	8 <sup>53</sup> 53	9 <sup>11</sup> 11	18 <sup>43</sup> 43	25 <sup>38</sup> 38	0 <sup>15</sup> 15	15 <sup>4</sup> 4	25 <sup>46</sup> 46	24 <sup>11</sup> 11	0 <sup>57</sup> 57	0 <sup>45</sup> 45	0 <sup>48</sup> 48	16 <sup>41</sup> 41	13 <sup>57</sup> 57	T 21
F 22	10 7 16	2 <sup>59</sup> 17	23 <sup>1</sup> 1	11 <sup>0</sup> 0	19 <sup>42</sup> 42	26 <sup>17</sup> 17	0 <sup>30</sup> 30	15 <sup>5</sup> 5	25 <sup>46</sup> 46	24 <sup>13</sup> 13	0 <sup>57</sup> 57	0 <sup>45</sup> 45	0 <sup>45</sup> 45	16 <sup>48</sup> 48	14 <sup>1</sup> 1	F 22
S 23	10 11 12	3 <sup>59</sup> 59	6 <sup>54</sup> 54	12 <sup>49</sup> 49	20 <sup>40</sup> 40	26 <sup>55</sup> 55	0 <sup>44</sup> 44	15 <sup>6</sup> 6	25 <sup>46</sup> 46	24 <sup>15</sup> 15	0 <sup>56</sup> 56	0 <sup>45</sup> 45	0 <sup>42</sup> 42	16 <sup>55</sup> 55	14 <sup>5</sup> 5	S 23
S 24	10 15 9	5 <sup>0</sup> 40	20 <sup>30</sup> 30	14 <sup>39</sup> 39	21 <sup>37</sup> 37	27 <sup>33</sup> 33	0 <sup>58</sup> 58	15 <sup>7</sup> 7	25 <sup>47</sup> 47	24 <sup>17</sup> 17	0 <sup>56</sup> 56	0 <sup>45</sup> 45	0 <sup>39</sup> 39	17 <sup>1</sup> 1	14 <sup>9</sup> 9	S 24
M 25	10 19 5	6 <sup>1</sup> 19	3 <sup>46</sup> 46	16 <sup>28</sup> 28	22 <sup>34</sup> 34	28 <sup>11</sup> 11	1 <sup>13</sup> 13	15 <sup>8</sup> 8	25 <sup>47</sup> 47	24 <sup>19</sup> 19	0 <sup>55</sup> 55	0 <sup>45</sup> 45	0 <sup>36</sup> 36	17 <sup>8</sup> 8	14 <sup>13</sup> 13	M 25
T 26	10 23 2	7 <sup>1</sup> 57	16 <sup>43</sup> 43	18 <sup>16</sup> 16	23 <sup>30</sup> 30	28 <sup>49</sup> 49	1 <sup>27</sup> 27	15 <sup>9</sup> 9	25 <sup>47</sup> 47	24 <sup>21</sup> 21	0 <sup>55</sup> 55	0 <sup>44</sup> 44	0 <sup>33</sup> 33	17 <sup>15</sup> 15	14 <sup>17</sup> 17	T 26
W 27	10 26 58	8 <sup>2</sup> 33	29 <sup>21</sup> 21	20 <sup>4</sup> 4	24 <sup>25</sup> 25	29 <sup>28</sup> 28	1 <sup>41</sup> 41	15 <sup>10</sup> 10	25 <sup>47</sup> 47	24 <sup>22</sup> 22	0 <sup>55</sup> 55	0 <sup>43</sup> 43	0 <sup>29</sup> 29	17 <sup>22</sup> 22	14 <sup>21</sup> 21	W 27
T 28	10 30 55	9 <sup>3</sup> 08	11 <sup>42</sup> 42	21 <sup>51</sup> 51	25 <sup>20</sup> 20	0 <sup>3</sup> 6	1 <sup>56</sup> 56	15 <sup>12</sup> 12	25 <sup>47</sup> 47	24 <sup>24</sup> 24	0 <sup>55</sup> 55	0 <sup>42</sup> 42	0 <sup>26</sup> 26	17 <sup>28</sup> 28	14 <sup>25</sup> 25	T 28

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
F 1	17s13	11n41	5s 5	20s47	1s49	1s 4	0s15	21s54	0n22	13s38	0s42	20n53	1s39	18s44	0n19	F 1
S 2	16 56	14 30	5 15	20 26	1 53	0 34	0 10	21 59	0 21	13 34	0 42	20 53	1 39	18 45	0 19	S 2
S 3	16 39	16 42	5 12	20 4	1 56	0 3	0 5	22 4	0 21	13 29	0 42	20 54	1 39	18 45	0 19	S 3
M 4	16 21	18 11	4 55	19 40	1 58	0n28	0n 1	22 9	0 20	13 24	0 42	20 54	1 39	18 45	0 19	M 4
T 5	16 3	18 53	4 26	19 15	2 0	0 58	0 6	22 14	0 19	13 19	0 42	20 54	1 39	18 45	0 19	T 5
W 6	15 45	18 44	3 44	18 49	2 2	1 29	0 11	22 19	0 19	13 15	0 42	20 54	1 38	18 46	0 19	W 6
T 7	15 27	17 42	2 52	18 22	2 4	1 59	0 17	22 24	0 18	13 10	0 42	20 54	1 38	18 46	0 19	T 7
F 8	15 8	15 49	1 51	17 53	2 5	2 30	0 22	22 28	0 17	13 5	0 42	20 54	1 38	18 46	0 20	F 8
S 9	14 49	13 9	0 43	17 22	2 6	3 0	0 28	22 32	0 16	13 0	0 43	20 54	1 38	18 47	0 20	S 9
S 10	14 30	9 47	0n28	16 51	2 6	3 30	0 34	22 36	0 16	12 55	0 43	20 55	1 37	18 47	0 20	S 10
M 11	14 11	5 54	1 39	16 18	2 6	4 1	0 40	22 40	0 15	12 50	0 43	20 55	1 37	18 47	0 20	M 11
T 12	13 51	1 40	2 46	15 44	2 5	4 31	0 46	22 44	0 14	12 46	0 43	20 55	1 37	18 47	0 20	T 12
W 13	13 31	2s42	3 44	15 8	2 4	5 1	0 52	22 48	0 13	12 41	0 43	20 55	1 37	18 47	0 20	W 13
T 14	13 11	6 59	4 31	14 31	2 3	5 30	0 58	22 51	0 13	12 36	0 43	20 55	1 36	18 48	0 20	T 14
F 15	12 50	10 57	5 3	13 53	2 1	6 0	1 4	22 54	0 12	12 31	0 43	20 56	1 36	18 48	0 20	F 15
S 16	12 30	14 21	5 17	13 13	1 59	6 30	1 11	22 57	0 11	12 26	0 43	20 56	1 36	18 48	0 20	S 16
S 17	12 9	16 56	5 12	12 32	1 56	6 59	1 17	23 0	0 10	12 21	0 43	20 56	1 36	18 48	0 20	S 17
M 18	11 48	18 30	4 47	11 50	1 52	7 28	1 24	23 3	0 9	12 16	0 43	20 56	1 35	18 48	0 20	M 18
T 19	11 27	18 53	4 5	11 7	1 48	7 57	1 30	23 5	0 9	12 11	0 43	20 57	1 35	18 48	0 20	T 19
W 20	11 6	18 3	3 7	10 23	1 44	8 26	1 37	23 8	0 8	12 6	0 43	20 57	1 35	18 49	0 20	W 20
T 21	10 44	16 4	1 58	9 37	1 39	8 54	1 43	23 10	0 7	12 1	0 43	20 57	1 34	18 49	0 20	T 21
F 22	10 22	13 7	0 43	8 51	1 33	9 23	1 50	23 12	0 6	11 56	0 43	20 58	1 34	18 49	0 20	F 22
S 23	10 0	9 29	0s34	8 3	1 26	9 51	1 57	23 14	0 5	11 51	0 43	20 58	1 34	18 49	0 20	S 23
S 24	9 38	5 24	1 47	7 15	1 19	10 19	2 4	23 15	0 4	11 46	0 44	20 58	1 34	18 49	0 20	S 24
M 25	9 16	1 9	2 53	6 26	1 12	10 46	2 11	23 17	0 4	11 41	0 44	20 59	1 33	18 49	0 20	M 25
T 26	8 54	3n 2	3 48	5 36	1 3	11 14	2 18	23 18	0 3	11 36	0 44	20 59	1 33	18 49	0 20	T 26
W 27	8 31	6 59	4 31	4 45	0 54	11 41	2 25	23 19	0 2	11 31	0 44	20 59	1 33	18 49	0 20	W 27
T 28	8s 9	10n32	5s 0	3s54	0s45	12n 8	2n32	23s20	0n 1	11s26	0s44	21n 0	1s33	18s49	0n20	T



# ASTRODIENST EPHEMERIS for the year 2650

APRIL 2650

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	12 37 5	11°Y 6'20	7°21	2°R16	16°8 1	20°315	9°H21	16°II51	25°R22	25°3 7	0°555	29°D53	28°Ω45	21°II 3	16°H32	M 1
T 2	12 41 1	12° 5'55	19°17	1°Y30	16°15	20°53	9°34	16°55	25°M21	25° 7	0°55	29°Ω53	28°41	21°10	16°35	T 2
W 3	12 44 58	13° 5'28	1°21	0°48	16°27	21°30	9°47	17° 0	25°19	25° 8	0°55	29°55	28°38	21°17	16°39	W 3
T 4	12 48 54	14° 4'58	13°40	0°11	16°37	22° 7	10° 0	17° 5	25°17	25° 9	0°56	29°56	28°35	21°23	16°43	T 4
F 5	12 52 51	15° 4'27	26°18	29°H39	16°45	22°44	10°13	17°10	25°16	25°10	0°56	29°R57	28°32	21°30	16°47	F 5
S 6	12 56 47	16° 3'53	9°H17	29°14	16°50	23°21	10°26	17°15	25°14	25°11	0°57	29°57	28°29	21°37	16°50	S 6
S 7	13 0 44	17° 3'16	22°41	28°54	16°53	23°58	10°39	17°20	25°12	25°11	0°57	29°54	28°25	21°43	16°54	S 7
M 8	13 4 40	18° 2'38	6°29	28°40	16°R54	24°35	10°52	17°25	25°10	25°12	0°58	29°50	28°22	21°50	16°57	M 8
T 9	13 8 37	19° 1'58	20°38	28°32	16°52	25°12	11° 5	17°30	25° 8	25°13	0°58	29°44	28°19	21°57	17° 1	T 9
W10	13 12 34	20° 1'15	5°M 5	28°D30	16°48	25°49	11°18	17°36	25° 6	25°13	0°59	29°36	28°16	22° 4	17° 4	W10
T 11	13 16 30	21° 0'31	19°42	28°33	16°41	26°26	11°31	17°41	25° 5	25°14	0°59	29°28	28°13	22°10	17° 8	T 11
F 12	13 20 27	21°59'45	4°A23	28°42	16°32	27° 3	11°43	17°46	25° 3	25°14	1° 0	29°20	28°10	22°17	17°11	F 12
S 13	13 24 23	22°58'57	19° 0	28°56	16°20	27°40	11°56	17°52	25° 1	25°15	1° 1	29°14	28° 6	22°24	17°15	S 13
S 14	13 28 20	23°58'08	3°327	29°15	16° 6	28°17	12° 8	17°57	24°59	25°15	1° 1	29°10	28° 3	22°30	17°18	S 14
M15	13 32 16	24°57'17	17°41	29°39	15°49	28°53	12°21	18° 3	24°56	25°16	1° 2	29° 8	28° 0	22°37	17°22	M15
T 16	13 36 13	25°56'24	1°339	0°Y 8	15°30	29°30	12°33	18° 9	24°54	25°16	1° 2	29°D 8	27°57	22°44	17°25	T 16
W17	13 40 9	26°55'29	15°23	0°40	15° 9	0°37 7	12°45	18°15	24°52	25°16	1° 3	29° 9	27°54	22°50	17°28	W17
T 18	13 44 6	27°54'33	28°52	1°17	14°45	0°43	12°58	18°20	24°50	25°17	1° 4	29°R 9	27°50	22°57	17°32	T 18
F 19	13 48 3	28°53'34	12°H 8	1°58	14°20	1°20	13°10	18°26	24°48	25°17	1° 5	29° 8	27°47	23° 4	17°35	F 19
S 20	13 51 59	29°52'34	25°12	2°43	13°52	1°56	13°22	18°32	24°46	25°17	1° 5	29° 5	27°44	23°11	17°38	S 20
S 21	13 55 56	0°351'32	8°Y 4	3°30	13°23	2°32	13°34	18°38	24°44	25°17	1° 6	29° 0	27°41	23°17	17°41	S 21
M22	13 59 52	1°50'29	20°46	4°22	12°51	3° 9	13°46	18°44	24°41	25°18	1° 7	28°52	27°38	23°24	17°44	M22
T 23	14 3 49	2°49'23	3°B17	5°16	12°19	3°45	13°57	18°51	24°39	25°18	1° 8	28°41	27°35	23°31	17°48	T 23
W24	14 7 45	3°48'15	15°38	6°14	11°44	4°21	14° 9	18°57	24°37	25°18	1° 9	28°29	27°31	23°37	17°51	W24
T 25	14 11 42	4°47'06	27°48	7°14	11° 9	4°57	14°21	19° 3	24°34	25°18	1° 9	28°17	27°28	23°44	17°54	T 25
F 26	14 15 38	5°45'54	9°II50	8°17	10°33	5°33	14°32	19° 9	24°32	25°18	1°10	28° 5	27°25	23°51	17°57	F 26
S 27	14 19 35	6°44'40	21°45	9°22	9°56	6° 9	14°44	19°16	24°30	25°R18	1°11	27°55	27°22	23°58	18° 0	S 27
S 28	14 23 32	7°43'25	3°36	10°31	9°18	6°45	14°55	19°22	24°27	25°18	1°12	27°48	27°19	24° 4	18° 3	S 28
M29	14 27 28	8°42'07	15°26	11°41	8°40	7°20	15° 6	19°29	24°25	25°18	1°13	27°43	27°16	24°11	18° 5	M29
T 30	14 31 25	9°340'46	27°29	12°Y54	8°B 3	7°356	15°H18	19°II35	24°M22	25°318	1°14	27°Ω40	27°Ω12	24°II18	18°H 8	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	4n23	19n 3	4s 7	3n11	2n29	22n42	6n24	22s24	0s34	8s46	0s47	21n17	1s25	18s43	0n20	M 1
T 2	4 46	18 38	3 22	2 40	2 15	22 52	6 30	22 20	0 36	8 41	0 47	21 18	1 25	18 42	0 20	T 2
W 3	5 9	17 22	2 29	2 9	2 0	23 1	6 36	22 15	0 37	8 36	0 48	21 19	1 25	18 42	0 20	W 3
T 4	5 32	15 16	1 27	1 41	1 45	23 9	6 41	22 11	0 38	8 32	0 48	21 19	1 25	18 42	0 20	T 4
F 5	5 55	12 24	0 20	1 14	1 29	23 16	6 46	22 6	0 40	8 27	0 48	21 20	1 24	18 41	0 20	F 5
S 6	6 18	8 50	0n50	0 49	1 18	23 22	6 51	22 1	0 41	8 22	0 48	21 21	1 24	18 41	0 20	S 6
S 7	6 41	4 44	2 0	0 27	0 58	23 27	6 55	21 56	0 43	8 17	0 48	21 21	1 24	18 40	0 20	S 7
M 8	7 3	0 15	3 4	0 7	0 42	23 31	6 59	21 51	0 44	8 13	0 48	21 22	1 24	18 40	0 20	M 8
T 9	7 26	4s21	3 58	0s10	0 27	23 34	7 3	21 46	0 45	8 8	0 48	21 23	1 24	18 40	0 20	T 9
W10	7 48	8 47	4 39	0 35	0 12	23 35	7 6	21 40	0 47	8 3	0 49	21 23	1 23	18 39	0 20	W10
T 11	8 10	12 45	5 2	0 26	0s 2	23 36	7 9	21 35	0 48	7 58	0 49	21 24	1 23	18 39	0 20	T 11
F 12	8 32	15 57	5 5	0 46	0 16	23 35	7 11	21 29	0 50	7 54	0 49	21 25	1 23	18 38	0 20	F 12
S 13	8 54	18 6	4 48	0 53	0 30	23 33	7 12	21 23	0 51	7 49	0 49	21 26	1 23	18 38	0 20	S 13
S 14	9 16	19 5	4 13	0 57	0 43	23 30	7 13	21 18	0 53	7 45	0 49	21 26	1 23	18 37	0 20	S 14
M15	9 38	18 50	3 23	0 59	0 55	23 25	7 14	21 12	0 54	7 40	0 49	21 27	1 22	18 37	0 20	M15
T 16	9 59	17 25	2 22	0 58	1 7	23 19	7 13	21 6	0 56	7 35	0 50	21 28	1 22	18 36	0 20	T 16
W17	10 20	15 0	1 13	0 55	1 18	23 12	7 12	20 59	0 57	7 31	0 50	21 28	1 22	18 36	0 20	W17
T 18	10 42	11 48	0 2	0 50	1 28	23 3	7 10	20 53	0 59	7 26	0 50	21 29	1 22	18 35	0 20	T 18
F 19	11 3	8 3	1s 9	0 43	1 38	22 53	7 8	20 47	1 1	7 22	0 50	21 30	1 22	18 35	0 20	F 19
S 20	11 23	3 58	2 14	0 34	1 47	22 41	7 5	20 40	1 2	7 17	0 50	21 30	1 22	18 34	0 20	S 20
S 21	11 44	0n15	3 12	0 22	1 55	22 29	7 1	20 34	1 4	7 13	0 50	21 31	1 21	18 34	0 20	S 21
M22	12 4	4 23	3 59	0 9	2 3	22 14	6 56	20 27	1 6	7 9	0 51	21 32	1 21	18 33	0 20	M22
T 23	12 24	8 16	4 34	0n 5	2 10	21 59	6 50	20 20	1 7	7 4	0 51	21 32	1 21	18 32	0 20	T 23
W24	12 44	11 45	4 55	0 22	2 17	21 42	6 44	20 13	1 9	7 0	0 51	21 33	1 21	18 32	0 20	W24
T 25	13 4	14 41	5 2	0 40	2 23	21 24	6 37	20 6	1 11	6 56	0 51	21 34	1 21	18 31	0 20	T 25
F 26	13 24	16 58	4 56	1 0	2 28	21 5	6 29	19 59	1 12	6 51	0 51	21 34	1 21	18 31	0 20	F 26
S 27	13 43	18 29	4 37	1 22	2 33	20 45	6 20	19 52	1 14	6 47	0 51	21 35	1 20	18 30	0 20	S 27
S 28	14 2	19 12	4 6	1 44	2 37	20 23	6 11	19 45	1 16	6 43	0 52	21 36	1 20	18 30	0 20	S 28
M29	14 21	19 5	3 24	2 9	2 40	20 2	6 1	19 37	1 18	6 39	0 52	21 36	1 20	18 29	0 20	M29
T 30	14n40	18n 6	2s34	2n34	2s43	19n39	5n50	19s30	1s19	6s34	0s52	21n37	1s20	18s28	0n20	T 30

Julian Day Number = 2689042.5, Delta T = 23m36s  
 Ecliptic obliquity = 23°21'10, Nutation = - 0°00'10  
 Ayanamsha: Fagan/Bradley = 33°50'10, Lahiri = 32°57'10



## ASTRODIENST EPHEMERIS for the year 2650

JUNE 2650

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 37 34	10II42'19	25III34	8II46	3R 4	25III57	20II16	23II26	23°R 3	24°R59	1R51	24°R41	25R31	27II52	19II14	S 1
S 2	16 41 31	11°40'03	8II56	10°57	3°29	26°28	20°23	23°34	23II 0	24R58	1°52	24R38	25°28	27°59	19°16	S 2
M 3	16 45 28	12°37'46	22°48	13° 9	3°55	26°59	20°30	23°42	22°58	24°57	1°53	24°33	25°24	28° 6	19°17	M 3
T 4	16 49 24	13°35'27	7II 9	15°21	4°23	27°30	20°37	23°49	22°55	24°56	1°55	24°26	25°21	28°12	19°18	T 4
W 5	16 53 21	14°33'06	21°56	17°32	4°53	28° 1	20°44	23°57	22°53	24°55	1°56	24°17	25°18	28°19	19°19	W 5
T 6	16 57 17	15°30'45	7R 4	19°44	5°24	28°31	20°51	24° 5	22°51	24°54	1°58	24° 7	25°15	28°26	19°20	T 6
F 7	17 1 14	16°28'22	22°20	21°55	5°56	29° 1	20°57	24°13	22°49	24°53	1°59	23°57	25°12	28°32	19°21	F 7
S 8	17 5 10	17°25'58	7R35	24° 4	6°30	29°31	21° 3	24°20	22°46	24°51	2° 0	23°49	25° 8	28°39	19°22	S 8
S 9	17 9 7	18°23'33	22°39	26°13	7° 5	0R 1	21° 9	24°28	22°44	24°50	2° 2	23°44	25° 5	28°46	19°23	S 9
M10	17 13 3	19°21'07	7R22	28°20	7°41	0°30	21°15	24°36	22°42	24°49	2° 3	23°41	25° 2	28°53	19°23	M10
T 11	17 17 0	20°18'40	21°40	0R26	8°19	0°59	21°21	24°44	22°40	24°48	2° 4	23°D40	24°59	28°59	19°24	T 11
W12	17 20 57	21°16'12	5R32	2°30	8°57	1°28	21°27	24°51	22°38	24°46	2° 6	23°40	24°56	29° 6	19°25	W12
T 13	17 24 53	22°13'44	18°58	4°32	9°37	1°57	21°32	24°59	22°36	24°45	2° 7	23°R41	24°53	29°13	19°25	T 13
F 14	17 28 50	23°11'15	2R 1	6°31	10°18	2°25	21°38	25° 7	22°33	24°44	2° 9	23°40	24°49	29°19	19°26	F 14
S 15	17 32 46	24° 8'45	14°45	8°29	11° 0	2°54	21°43	25°15	22°31	24°43	2°10	23°38	24°46	29°26	19°26	S 15
S 16	17 36 43	25° 6'14	27°13	10°24	11°42	3°21	21°48	25°23	22°29	24°41	2°11	23°34	24°43	29°33	19°27	S 16
M17	17 40 39	26° 3'43	9R28	12°17	12°26	3°49	21°52	25°30	22°27	24°40	2°13	23°27	24°40	29°39	19°27	M17
T 18	17 44 36	27° 1'11	21°34	14° 7	13°11	4°16	21°57	25°38	22°25	24°38	2°14	23°19	24°37	29°46	19°27	T 18
W19	17 48 32	27°58'38	3II34	15°55	13°56	4°43	22° 2	25°46	22°24	24°37	2°16	23° 9	24°34	29°53	19°28	W19
T 20	17 52 29	28°56'05	15°28	17°40	14°43	5°10	22° 6	25°54	22°22	24°36	2°17	22°58	24°30	29°59	19°28	T 20
F 21	17 56 26	29°53'30	27°20	19°23	15°30	5°36	22°10	26° 1	22°20	24°34	2°18	22°48	24°27	0R 6	19°28	F 21
S 22	18 0 22	0R50'55	9R 9	21° 3	16°18	6° 2	22°14	26° 9	22°18	24°33	2°20	22°40	24°24	0°13	19°28	S 22
S 23	18 4 19	1°48'20	21° 0	22°40	17° 6	6°27	22°18	26°17	22°16	24°31	2°21	22°33	24°21	0°20	19°R28	S 23
M24	18 8 15	2°45'43	2R52	24°15	17°56	6°52	22°21	26°25	22°15	24°30	2°23	22°29	24°18	0°26	19°28	M24
T 25	18 12 12	3°43'06	14°50	25°47	18°46	7°17	22°24	26°33	22°13	24°28	2°24	22°27	24°14	0°33	19°28	T 25
W26	18 16 8	4°40'28	26°56	27°17	19°36	7°42	22°28	26°40	22°11	24°27	2°25	22°D27	24°11	0°40	19°28	W26
T 27	18 20 5	5°37'48	9R13	28°43	20°28	8° 6	22°31	26°48	22°10	24°25	2°27	22°28	24° 8	0°46	19°28	T 27
F 28	18 24 1	6°35'08	21°47	0R 7	21°20	8°29	22°33	26°56	22° 8	24°24	2°28	22°29	24° 5	0°53	19°27	F 28
S 29	18 27 58	7°32'27	4R40	1°29	22°12	8°53	22°36	27° 3	22° 6	24°22	2°30	22°R30	24° 2	1° 0	19°27	S 29
S 30	18 31 55	8R29'46	17R58	2R47	23R 5	9R15	22R39	27II11	22II 5	24R21	2R31	22R29	23R59	1R 6	19R27	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	21n58	4n 9	2n36	21n52	0n11	11n38	0s54	15s10	2s29	4s45	0s59	21n56	1s16	18s 9	0n20	20s19	0n45	15n36	7s44	13n15	12n58	18n59	0n10	4n47			
S 2	22 6	0s17	3 32	22 22	0 22	11 39	1 3	15 1	2 32	4 42	0 59	21 56	1 16	18 8	0 20	20 19	0 45	15 36	7 44	13 16	12 59	19 0	0 10	4 47			
M 3	22 14	4 50	4 18	22 49	0 32	11 40	1 11	14 53	2 34	4 40	0 59	21 57	1 16	18 8	0 20	20 19	0 45	15 36	7 44	13 17	13 0	19 0	0 11	4 47			
T 4	22 21	9 17	4 49	23 15	0 42	11 42	1 19	14 45	2 37	4 37	1 0	21 57	1 15	18 7	0 20	20 20	0 45	15 36	7 44	13 20	13 1	19 1	0 12	4 48			
W 5	22 28	13 19	5 2	23 38	0 51	11 44	1 27	14 37	2 39	4 35	1 0	21 58	1 15	18 7	0 19	20 20	0 45	15 37	7 44	13 23	13 2	19 1	0 12	4 48			
T 6	22 34	16 34	4 55	23 58	1 1	11 48	1 34	14 29	2 42	4 32	1 0	21 58	1 15	18 6	0 19	20 20	0 45	15 37	7 44	13 26	13 4	19 2	0 13	4 48			
F 7	22 40	18 42	4 27	24 16	1 10	11 52	1 41	14 21	2 45	4 30	1 0	21 58	1 15	18 6	0 19	20 20	0 45	15 37	7 44	13 29	13 5	19 3	0 13	4 48			
S 8	22 46	19 29	3 39	24 31	1 18	11 56	1 48	14 13	2 47	4 28	1 1	21 59	1 15	18 5	0 19	20 20	0 45	15 37	7 44	13 32	13 6	19 3	0 14	4 48			
S 9	22 51	18 52	2 37	24 43	1 26	12 2	1 54	14 5	2 50	4 26	1 1	21 59	1 15	18 5	0 19	20 21	0 45	15 37	7 43	13 34	13 7	19 4	0 14	4 49			
M10	22 56	16 59	1 26	24 53	1 33	12 8	2 0	13 57	2 53	4 24	1 1	22 0	1 15	18 4	0 19	20 21	0 45	15 37	7 43	13 35	13 8	19 4	0 15	4 49			
T 11	23 0	14 4	0 11	25 0	1 39	12 14	2 6	13 49	2 56	4 22	1 1	22 0	1 15	18 3	0 19	20 21	0 45	15 37	7 43	13 35	13 9	19 5	0 15	4 49			
W12	23 4	10 26	1s 3	25 4	1 45	12 21	2 12	13 42	2 59	4 20	1 2	22 1	1 15	18 3	0 19	20 21	0 45	15 37	7 43	13 35	13 10	19 5	0 16	4 49			
T 13	23 8	6 22	2 11	25 6	1 50	12 29	2 17	13 34	3 2	4 18	1 2	22 1	1 15	18 2	0 19	20 22	0 45	15 37	7 43	13 35	13 11	19 6	0 16	4 50			
F 14	23 11	2 6	3 10	25 5	1 54	12 37	2 22	13 27	3 4	4 16	1 2	22 1	1 15	18 2	0 19	20 22	0 45	15 37	7 43	13 35	13 12	19 6	0 17	4 50			
S 15	23 13	2n 8	3 58	25 2	1 57	12 45	2 27	13 19	3 7	4 14	1 3	22 2	1 15	18 1	0 19	20 22	0 45	15 37	7 43	13 36	13 13	19 7	0 17	4 50			
S 16	23 16	6 11	4 34	24 56	2 0	12 54	2 31	13 12	3 10	4 12	1 3	22 2	1 14	18 1	0 19	20 22	0 45	15 37	7 43	13 37	13 14	19 7	0 17	4 50			
M17	23 18	9 55	4 56	24 49	2 2	13 3	2 35	13 5	3 13	4 11	1 3	22 2	1 14	18 0	0 19	20 22	0 45	15 37	7 43	13 39	13 15	19 8	0 18	4 50			
T 18	23 19	13 11	5 5	24 39	2 3	13 12	2 39	12 57	3 16	4 9	1 3	22 3	1 14	18 0	0 19	20 23	0 45	15 37	7 43	13 42	13 16	19 9	0 18	4 51			
W19	23 20	15 53	5 0	24 27	2 3	13 22	2 43	12 50	3 19	4 8	1 4	22 3	1 14	18 0	0 19	20 23	0 45	15 37	7 43	13 45	13 17	19 9	0 18	4 51			
T 20	23 21	17 53	4 42	24 13	2 3	13 32	2 46	12 43	3 22	4 6	1 4	22 3	1 14	17 59	0 19	20 23	0 45	15 37	7 43	13 49	13 18	19 10	0 19	4 51			
F 21	23 21	19 8	4 12	23 58	2 2	13 43	2 50	12 37	3 25	4 5	1 4	22 4	1 14	17 59	0 19	20 23	0 45	15 37	7 43	13 52	13 19	19 10	0 19	4 51			
S 22	23 21	19 32	3 31	23 41	2 0	13 54	2 53	12 30	3 29	4 4	1 4	22 4	1 14	17 58	0 19	20 24	0 45	15 37	7 43	13 55	13 20	19 11	0 19	4 52			
S 23	23 20	19 4	2 41	23 23	1 57	14 4	2 55	12 23	3 32	4 2	1 5	22 4	1 14	17 58	0 19	20 24	0 45	15 37	7 42	13 57	13 22	19 11	0 19	4 52			
M24	23 19	17 46	1 44	23 3	1 54	14 16	2 58	12 17	3 35	4 1	1 5	22 4	1 14	17 57	0 19	20 24	0 45	15 37	7 42	13 58	13 23	19 12	0 20	4 52			
T 25	23 18	15 40	0 41	22 42	1 49	14 27	3 0	12 11	3 38	4 0	1 5	22 5	1 14	17 57	0 19	20 24	0 45	15 38	7 42	13 59	13 24	19 12	0 20	4 52			
W26	23 16	12 52	0n24	22 20	1 45	14 38	3 3	12 4	3 41	3 59	1 6	22 5	1 14	17 56	0 19	20 25	0 45	15 38	7 42	13 59	13 25	19 13	0 20	4 52			
T 27	23 14	9 28	1 30	21 58	1 39	14 50	3 5	11 58	3 45	3 58	1 6	22 5	1 14	17 56	0 19	20 25	0 45	15 38	7 42	13 59	13 26	19 13	0 20	4 53			
F 28	23 11	5 35	2 32	21 34	1 33	15 2	3 6	11 53	3 48	3 57	1 6	22 5	1 14	17 56	0 19	20 25	0 45	15 38	7 42	13 58	13 27	19 14	0 20	4 53			
S 29	23 8	1 20	3 29	21 10	1 26	15 13	3 8	11 47	3 51	3 57	1 6	22 6	1 14	17 55	0 19	20 26	0 45	15 38	7 42	13 58	13 28	19 14	0 20	4 53			
S 30	23n 5	3s 5	4n16	20n45	1n19	15n25	3s 9	11s41	3s54	3s56	1s 7	22n 6	1s14	17s55	0n19	20s26	0n45	15n38	7s42	13n58	13n29	19n15	0n20	4n53			



## ASTRODIENST EPHEMERIS for the year 2650

AUGUST 2650

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 38 4	9♌ 1°57'	24♊ 35'	12°R25	24♊ 58'	16♋ 38'	22°R16	1♌ 4'	21♌ 42'	23°R30	3♌ 13'	21°R37	22♌ 17'	4♌ 31'	18°R46	T 1
F 2	20 42 1	9°59'15"	9♌ 28'	11♌ 43'	26° 2'	16°41'	22♊ 12'	1°11'	21°42'	23♌ 28'	3°14'	21♌ 35'	22° 14'	4°47'	18♋ 44'	F 2
S 3	20 45 57	10°56'32"	24°27'	11° 1'	27° 7'	16°43'	22° 8'	1°18'	21°42'	23°27'	3°16'	21°34'	22° 11'	4°54'	18°42'	S 3
S 4	20 49 54	11°53'50"	9♌ 24'	10°20'	28°12'	16°44'	22° 4'	1°24'	21°42'	23°25'	3°17'	21°34'	22° 7'	5° 1'	18°39'	S 4
M 5	20 53 51	12°51'08"	24° 9'	9°40'	29°17'	16°R44	21°59'	1°31'	21°42'	23°24'	3°18'	21°D34	22° 4'	5° 7'	18°37'	M 5
T 6	20 57 47	13°48'28"	8♋ 36'	9° 2'	0♌ 22'	16°44'	21°55'	1°37'	21°43'	23°22'	3°19'	21°34'	22° 1'	5°14'	18°35'	T 6
W 7	21 1 44	14°45'47"	22°41'	8°26'	1°28'	16°42'	21°50'	1°44'	21°43'	23°21'	3°20'	21°34'	21°58'	5°21'	18°33'	W 7
T 8	21 5 40	15°43'08"	6♊ 21'	7°54'	2°33'	16°40'	21°45'	1°50'	21°43'	23°19'	3°21'	21°35'	21°55'	5°27'	18°30'	T 8
F 9	21 9 37	16°40'30"	19°35'	7°26'	3°39'	16°38'	21°40'	1°56'	21°44'	23°18'	3°22'	21°35'	21°51'	5°34'	18°28'	F 9
S 10	21 13 33	17°37'52"	2♊ 25'	7° 3'	4°45'	16°34'	21°35'	2° 3'	21°44'	23°16'	3°23'	21°36'	21°48'	5°41'	18°26'	S 10
S 11	21 17 30	18°35'16"	14°55'	6°45'	5°51'	16°30'	21°30'	2° 9'	21°45'	23°15'	3°24'	21°R36	21°45'	5°47'	18°23'	S 11
M12	21 21 26	19°32'41"	27° 9'	6°32'	6°58'	16°25'	21°24'	2°15'	21°46'	23°13'	3°26'	21°36'	21°42'	5°54'	18°21'	M12
T13	21 25 23	20°30'07"	9♊ 10'	6°25'	8° 4'	16°19'	21°19'	2°21'	21°46'	23°12'	3°27'	21°36'	21°39'	6° 1'	18°18'	T13
W14	21 29 20	21°27'34"	21° 4'	6°D24	9°11'	16°12'	21°13'	2°27'	21°47'	23°11'	3°28'	21°D36	21°36'	6° 8'	18°16'	W14
T15	21 33 16	22°25'02"	2♌ 54'	6°30'	10°18'	16° 5'	21° 7'	2°33'	21°48'	23° 9'	3°29'	21°36'	21°32'	6°14'	18°13'	T15
F16	21 37 13	23°22'31"	14°44'	6°42'	11°25'	15°57'	21° 1'	2°39'	21°49'	23° 8'	3°30'	21°36'	21°29'	6°21'	18°11'	F16
S17	21 41 9	24°20'01"	26°39'	7° 1'	12°32'	15°48'	20°55'	2°45'	21°49'	23° 7'	3°31'	21°36'	21°26'	6°28'	18° 8'	S17
S18	21 45 6	25°17'33"	8♌ 40'	7°27'	13°39'	15°39'	20°49'	2°50'	21°50'	23° 5'	3°31'	21°36'	21°23'	6°34'	18° 6'	S18
M19	21 49 2	26°15'05"	20°50'	7°59'	14°47'	15°28'	20°42'	2°56'	21°51'	23° 4'	3°32'	21°R37	21°20'	6°41'	18° 3'	M19
T20	21 52 59	27°12'39"	3♊ 11'	8°38'	15°54'	15°18'	20°36'	3° 2'	21°52'	23° 3'	3°33'	21°36'	21°17'	6°48'	18° 0'	T20
W21	21 56 55	28°10'13"	15°44'	9°23'	17° 2'	15° 6'	20°29'	3° 7'	21°53'	23° 1'	3°34'	21°36'	21°13'	6°54'	17°58'	W21
T22	22 0 52	29° 7'49"	28°31'	10°15'	18°10'	14°54'	20°22'	3°13'	21°55'	23° 0'	3°35'	21°35'	21°10'	7° 1'	17°55'	T22
F23	22 4 49	0♊ 5'25"	11♌ 31'	11°14'	19°18'	14°42'	20°15'	3°18'	21°56'	22°59'	3°36'	21°34'	21° 7'	7° 8'	17°52'	F23
S24	22 8 45	1° 3'03"	24°46'	12°18'	20°26'	14°29'	20° 8'	3°24'	21°57'	22°58'	3°37'	21°33'	21° 4'	7°14'	17°49'	S24
S25	22 12 42	2° 0'41"	8♊ 15'	13°29'	21°35'	14°15'	20° 1'	3°29'	21°58'	22°57'	3°38'	21°32'	21° 1'	7°21'	17°47'	S25
M26	22 16 38	2°58'20"	21°59'	14°45'	22°43'	14° 1'	19°54'	3°34'	22° 0'	22°55'	3°38'	21°31'	20°57'	7°28'	17°44'	M26
T27	22 20 35	3°56'00"	5♊ 57'	16° 7'	23°51'	13°47'	19°47'	3°39'	22° 1'	22°54'	3°39'	21°D31	20°54'	7°34'	17°41'	T27
W28	22 24 31	4°53'42"	20° 8'	17°34'	25° 0'	13°33'	19°39'	3°44'	22° 2'	22°53'	3°40'	21°32'	20°51'	7°41'	17°38'	W28
T29	22 28 28	5°51'24"	4♌ 30'	19° 6'	26° 9'	13°18'	19°32'	3°49'	22° 4'	22°52'	3°41'	21°32'	20°48'	7°48'	17°35'	T29
F30	22 32 24	6°49'07"	19° 0'	20°42'	27°18'	13° 3'	19°24'	3°54'	22° 5'	22°51'	3°42'	21°34'	20°45'	7°54'	17°33'	F30
S31	22 36 21	7♊ 46'51"	3♌ 35'	22♌ 22'	28♌ 27'	12♋ 47'	19♋ 17'	3♌ 59'	22♊ 7'	22♌ 50'	3♌ 42'	21♌ 35'	20♌ 42'	8♌ 1'	17♋ 30'	S31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	17n56	18s49	4n26	12n13	5s 0	20n36	2s40	10s34	5s46	4s13	1s16	22n 8	1s13	17s50	0n18	T 1
F 2	17 41	19 29	3 33	12 22	5 2	20 41	2 37	10 36	5 49	4 15	1 16	22 8	1 13	17 50	0 18	F 2
S 3	17 25	18 47	2 25	12 33	5 2	20 45	2 34	10 39	5 53	4 17	1 16	22 8	1 13	17 50	0 18	S 3
S 4	17 10	16 46	1 7	12 45	5 1	20 49	2 31	10 41	5 56	4 19	1 17	22 8	1 13	17 50	0 18	S 4
M 5	16 54	13 39	0s14	12 58	4 58	20 52	2 29	10 44	5 59	4 21	1 17	22 8	1 13	17 50	0 18	M 5
T 6	16 37	9 45	1 33	13 12	4 54	20 55	2 26	10 47	6 2	4 23	1 17	22 8	1 13	17 50	0 18	T 6
W 7	16 21	5 25	2 44	13 28	4 47	20 58	2 23	10 50	6 5	4 25	1 17	22 8	1 13	17 50	0 18	W 7
T 8	16 4	0 55	3 44	13 43	4 39	21 0	2 20	10 53	6 8	4 27	1 18	22 8	1 13	17 50	0 18	T 8
F 9	15 47	3n28	4 29	13 59	4 30	21 2	2 17	10 57	6 11	4 29	1 18	22 7	1 13	17 51	0 18	F 9
S10	15 30	7 34	5 0	14 16	4 19	21 3	2 13	11 1	6 13	4 31	1 18	22 7	1 13	17 51	0 18	S10
S11	15 12	11 13	5 15	14 32	4 7	21 3	2 10	11 5	6 16	4 34	1 18	22 7	1 13	17 51	0 18	S11
M12	14 54	14 19	5 16	14 48	3 54	21 3	2 7	11 9	6 18	4 36	1 19	22 7	1 13	17 51	0 18	M12
T13	14 36	16 45	5 3	15 3	3 40	21 3	2 4	11 14	6 21	4 38	1 19	22 7	1 13	17 51	0 18	T13
W14	14 18	18 27	4 37	15 17	3 25	21 2	2 0	11 18	6 23	4 41	1 19	22 7	1 13	17 51	0 18	W14
T15	13 59	19 21	3 59	15 31	3 10	21 1	1 57	11 23	6 25	4 43	1 19	22 7	1 13	17 52	0 18	T15
F16	13 41	19 23	3 11	15 44	2 54	20 59	1 53	11 28	6 27	4 46	1 20	22 7	1 13	17 52	0 18	F16
S17	13 22	18 33	2 14	15 55	2 37	20 56	1 50	11 33	6 29	4 49	1 20	22 7	1 13	17 52	0 18	S17
S18	13 3	16 53	1 11	16 4	2 21	20 53	1 47	11 39	6 31	4 51	1 20	22 6	1 13	17 52	0 18	S18
M19	12 43	14 26	0 4	16 12	2 4	20 50	1 43	11 44	6 32	4 54	1 20	22 6	1 13	17 53	0 18	M19
T20	12 24	11 18	1n 4	16 19	1 47	20 46	1 39	11 50	6 34	4 57	1 20	22 6	1 13	17 53	0 18	T20
W21	12 4	7 36	2 10	16 23	1 31	20 41	1 36	11 55	6 35	5 0	1 21	22 6	1 13	17 53	0 18	W21
T22	11 44	3 30	3 11	16 25	1 14	20 36	1 32	12 1	6 36	5 2	1 21	22 6	1 13	17 54	0 18	T22
F23	11 24	0s49	4 3	16 25	0 58	20 30	1 29	12 6	6 37	5 5	1 21	22 6	1 13	17 54	0 18	F23
S24	11 4	5 10	4 43	16 22	0 42	20 24	1 25	12 12	6 38	5 8	1 21	22 5	1 13	17 54	0 18	S24
S25	10 43	9 20	5 8	16 17	0 27	20 17	1 21	12 18	6 39	5 11	1 21	22 5	1 13	17 55	0 18	S25
M26	10 23	15 5	5 17	16 9	0 13	20 10	1 18	12 24	6 39	5 14	1 21	22 5	1 13	17 55	0 18	M26
T27	10 2	16 11	5 7	15 58	0n 1	20 2	1 14	12 29	6 39	5 17	1 22	22 5	1 13	17 55	0 18	T27
W28	9 41	18 22	4 38	15 45	0 15	19 54	1 10	12 35	6 39	5 20	1 22	22 5	1 13	17 56	0 18	W28
T29	9 20	19 25	3 52	15 28	0 27	19 45	1 7	12 41	6 39	5 23	1 22	22 5	1 13	17 56	0 18	T29
F30	8 59	19 12	2 51	15 9	0 39	19 36	1 3	12 46	6 39	5 26	1 22	22 4	1 13	17 57	0 17	F30
S31	8n37	17s42	1n38	14n47	0n49	19n26	0s59	12s52	6s38	5s29	1s22	22n 4	1s13	17s57	0n17	S31

Julian Day Number = 2689164.5, Delta T = 23m38s

Ecliptic obliquity = 23°21'10", Nutation = - 0°00'10"

Ayanamsha: Fagan/Bradley = 33°50'27", Lahiri = 32°57'27"

# ASTRODIENST EPHEMERIS for the year 2650

SEPTEMBER 2650

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 40 18	8♍44'37	18♋8	24♏6	29♊36	12°R32	19°R 9	4♊4	22♍9	22°R49	3♊43	21°R35	20♏38	8♊8	17°R27	S 1
M 2	22 44 14	9°42'23	2♋35	25°53	0♏45	12♋16	19♋1	4° 9	22°10	22♊48	3°44	21♏35	20°35	8°14	17♋24	M 2
T 3	22 48 11	10°40'11	16°49	27°43	1°55	12° 0	18°54	4°13	22°12	22°47	3°44	21°34	20°32	8°21	17°21	T 3
W 4	22 52 7	11°38'00	0♍46	29°36	3° 4	11°44	18°46	4°18	22°14	22°46	3°45	21°32	20°29	8°28	17°18	W 4
T 5	22 56 4	12°35'51	14°22	1♍30	4°14	11°29	18°38	4°22	22°16	22°45	3°46	21°29	20°26	8°35	17°15	T 5
F 6	23 0 0	13°33'43	27°37	3°26	5°24	11°13	18°30	4°26	22°18	22°44	3°46	21°26	20°23	8°41	17°12	F 6
S 7	23 3 57	14°31'37	10♊29	5°22	6°34	10°57	18°22	4°31	22°19	22°44	3°47	21°22	20°19	8°48	17° 9	S 7
S 8	23 7 53	15°29'33	23° 1	7°20	7°44	10°42	18°15	4°35	22°21	22°43	3°47	21°20	20°16	8°55	17° 7	S 8
M 9	23 11 50	16°27'31	5♊16	9°18	8°54	10°26	18° 7	4°39	22°23	22°42	3°48	21°18	20°13	9° 1	17° 4	M 9
T 10	23 15 47	17°25'30	17°19	11°17	10° 4	10°11	17°59	4°43	22°25	22°41	3°48	21°D18	20°10	9° 8	17° 1	T 10
W 11	23 19 43	18°23'32	29°12	13°15	11°14	9°56	17°51	4°47	22°28	22°40	3°49	21°18	20° 7	9°15	16°58	W 11
T 12	23 23 40	19°21'35	11♊3	15°13	12°25	9°41	17°43	4°51	22°30	22°40	3°49	21°20	20° 3	9°21	16°55	T 12
F 13	23 27 36	20°19'40	22°54	17°10	13°35	9°27	17°35	4°54	22°32	22°39	3°50	21°21	20° 0	9°28	16°52	F 13
S 14	23 31 33	21°17'47	4♏52	19° 7	14°46	9°13	17°27	4°58	22°34	22°38	3°50	21°23	19°57	9°35	16°49	S 14
S 15	23 35 29	22°15'56	16°59	21° 4	15°56	9° 0	17°19	5° 2	22°36	22°38	3°51	21°R24	19°54	9°41	16°46	S 15
M 16	23 39 26	23°14'06	29°20	22°59	17° 7	8°47	17°11	5° 5	22°39	22°37	3°51	21°24	19°51	9°48	16°43	M 16
T 17	23 43 22	24°12'18	11♍56	24°53	18°18	8°35	17° 3	5° 8	22°41	22°36	3°51	21°22	19°48	9°55	16°40	T 17
W 18	23 47 19	25°10'32	24°48	26°47	19°29	8°23	16°56	5°12	22°43	22°36	3°52	21°19	19°44	10° 1	16°37	W 18
T 19	23 51 15	26° 8'48	7♊57	28°39	20°40	8°11	16°48	5°15	22°46	22°35	3°52	21°14	19°41	10° 8	16°35	T 19
F 20	23 55 12	27° 7'05	21°22	0♊30	21°51	8° 1	16°40	5°18	22°48	22°35	3°52	21° 8	19°38	10°15	16°32	F 20
S 21	23 59 9	28° 5'24	5♍0	2°20	23° 3	7°51	16°33	5°21	22°51	22°35	3°53	21° 2	19°35	10°21	16°29	S 21
S 22	0 3 5	29° 3'45	18°50	4° 9	24°14	7°41	16°25	5°24	22°53	22°34	3°53	20°57	19°32	10°28	16°26	S 22
M 23	0 7 2	0♊207	2♋48	5°57	25°26	7°33	16°17	5°27	22°56	22°34	3°53	20°53	19°28	10°35	16°23	M 23
T 24	0 10 58	1° 0'30	16°52	7°44	26°37	7°25	16°10	5°29	22°59	22°33	3°54	20°50	19°25	10°41	16°20	T 24
W 25	0 14 55	1°58'56	1♊0	9°30	27°49	7°18	16° 3	5°32	23° 1	22°33	3°54	20°D49	19°22	10°48	16°18	W 25
T 26	0 18 51	2°57'22	15°11	11°15	29° 0	7°11	15°55	5°34	23° 4	22°33	3°54	20°50	19°19	10°55	16°15	T 26
F 27	0 22 48	3°55'51	29°22	12°58	0♍12	7° 6	15°48	5°37	23° 7	22°32	3°54	20°51	19°16	11° 1	16°12	F 27
S 28	0 26 44	4°54'21	13♋32	14°41	1°24	7° 1	15°41	5°39	23° 9	22°32	3°54	20°R52	19°13	11° 8	16° 9	S 28
S 29	0 30 41	5°52'52	27°38	16°22	2°36	6°57	15°34	5°41	23°12	22°32	3°54	20°52	19° 9	11°15	16° 7	S 29
M 30	0 34 38	6♊51'25	11♋39	18♊2	3♍48	6♋53	15♋27	5♊43	23♍15	22♊32	3♊54	20♏50	19♏6	11♊21	16♋4	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	8n16	15s 2	0n19	14n22	0n59	19n15	0s56	12s57	6s37	5s32	1s22	22n 4	1s13	17s57	0n17	20s42
M 2	7 54	11 28	1s 0	13 55	1 8	19 4	0 52	13 2	6 36	5 36	1 22	22 4	1 13	17 58	0 17	20 43
T 3	7 32	7 16	2 15	13 25	1 16	18 53	0 48	13 7	6 35	5 39	1 23	22 4	1 13	17 58	0 17	20 43
W 4	7 11	2 45	3 20	12 52	1 23	18 41	0 45	13 12	6 34	5 42	1 23	22 4	1 14	17 59	0 17	20 43
T 5	6 49	1n47	4 11	12 17	1 29	18 28	0 41	13 17	6 32	5 45	1 23	22 3	1 14	17 59	0 17	20 43
F 6	6 26	6 6	4 48	11 41	1 34	18 15	0 37	13 21	6 31	5 48	1 23	22 3	1 14	18 0	0 17	20 43
S 7	6 4	10 1	5 9	11 2	1 38	18 1	0 34	13 25	6 29	5 51	1 23	22 3	1 14	18 0	0 17	20 43
S 8	5 42	13 23	5 14	10 21	1 42	17 47	0 30	13 29	6 27	5 54	1 23	22 3	1 14	18 1	0 17	20 44
M 9	5 20	16 6	5 5	9 39	1 44	17 33	0 27	13 33	6 24	5 58	1 23	22 3	1 14	18 1	0 17	20 44
T 10	4 57	18 3	4 43	8 56	1 46	17 18	0 23	13 37	6 22	6 1	1 23	22 2	1 14	18 2	0 17	20 44
W 11	4 34	19 13	4 8	8 12	1 46	17 2	0 19	13 40	6 19	6 4	1 23	22 2	1 14	18 3	0 17	20 44
T 12	4 12	19 31	3 24	7 26	1 46	16 46	0 16	13 43	6 17	6 7	1 23	22 2	1 14	18 3	0 17	20 44
F 13	3 49	18 57	2 30	6 40	1 46	16 29	0 12	13 46	6 14	6 10	1 23	22 2	1 14	18 4	0 17	20 44
S 14	3 26	17 32	1 29	5 54	1 44	16 12	0 9	13 48	6 11	6 13	1 23	22 2	1 14	18 4	0 17	20 45
S 15	3 3	15 18	0 24	5 6	1 43	15 55	0 5	13 50	6 7	6 16	1 24	22 2	1 14	18 5	0 17	20 45
M 16	2 41	12 21	0n43	4 19	1 40	15 37	0 2	13 52	6 4	6 20	1 24	22 1	1 14	18 5	0 17	20 45
T 17	2 18	8 45	1 50	3 31	1 37	15 19	0n 1	13 53	6 0	6 23	1 24	22 1	1 14	18 6	0 17	20 45
W 18	1 55	4 42	2 52	2 43	1 34	15 0	0 5	13 54	5 57	6 26	1 24	22 1	1 14	18 7	0 17	20 45
T 19	1 32	0 20	3 47	1 55	1 30	14 41	0 8	13 55	5 53	6 29	1 24	22 1	1 14	18 7	0 17	20 45
F 20	1 9	4s 8	4 30	1 7	1 25	14 21	0 11	13 55	5 49	6 32	1 24	22 1	1 14	18 8	0 17	20 45
S 21	0 45	8 27	4 58	0 19	1 21	14 1	0 15	13 56	5 45	6 35	1 24	22 0	1 14	18 9	0 17	20 45
S 22	0 22	12 23	5 10	0s29	1 16	13 40	0 18	13 55	5 41	6 38	1 24	22 0	1 14	18 9	0 17	20 45
M 23	0s 1	15 40	5 4	1 17	1 10	13 20	0 21	13 55	5 36	6 41	1 24	22 0	1 14	18 10	0 17	20 46
T 24	0 24	18 5	4 39	2 4	1 5	12 58	0 24	13 54	5 32	6 43	1 24	22 0	1 14	18 11	0 17	20 46
W 25	0 47	19 23	3 58	2 51	0 59	12 37	0 27	13 52	5 28	6 46	1 24	22 0	1 15	18 11	0 17	20 46
T 26	1 10	19 29	3 1	3 37	0 53	12 15	0 30	13 50	5 23	6 49	1 24	22 0	1 15	18 12	0 17	20 46
F 27	1 33	18 21	1 54	4 23	0 47	11 52	0 33	13 48	5 19	6 52	1 24	22 0	1 15	18 13	0 17	20 46
S 28	1 57	16 4	0 40	5 9	0 40	11 30	0 36	13 46	5 14	6 54	1 23	21 59	1 15	18 13	0 17	20 46
S 29	2 20	12 49	0s37	5 54	0 33	11 7	0 39	13 43	5 10	6 57	1 23	21 59	1 15	18 14	0 17	20 46
M 30	2s43	8s52	1s50	6s38	0n27	10n43	0n41	13s40	5s 5	7s 0	1s23	21n59	1s15	18s15	0n17	20s46

Julian Day Number = 2689195.5, Delta T = 23m38s  
Ecliptic obliquity = 23°21'10, Nutation = - 0°00'10  
Ayanamsha: Fagan/Bradley = 33°50'31, Lahiri = 32°57'31

## ASTRODIENST EPHEMERIS for the year 2650

OCTOBER 2650

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 38 34	7♂50'00	25♂30	19♂42	5♂0	6°R51	15°R21	5♂45	23♂18	22°R32	3♂55	20°R46	19♂3	11♂28	16°R1	T 1
W 2	0 42 31	8°48'36	9♂9	21°20	6°12	6♂49	15♂14	5°47	23°21	22°R32	3°55	20♂40	19°0	11°35	15♂59	W 2
T 3	0 46 27	9°47'15	22°58	7°25	6°48	15°7	5°49	23°24	22°32	3°55	20°32	18°57	11°41	15°56	11°41	T 3
F 4	0 50 24	10°45'55	5♂38	24°34	8°37	6°D48	15°1	5°50	23°27	22°D32	3°R55	20°24	18°54	11°48	15°54	F 4
S 5	0 54 20	11°44'38	18°26	26°10	9°50	6°49	14°55	5°52	23°30	22°32	3°55	20°15	18°50	11°55	15°51	S 5
S 6	0 58 17	12°43'22	0♂56	27°44	11°2	6°50	14°49	5°53	23°33	22°32	3°55	20°7	18°47	12°1	15°49	S 6
M 7	1 2 13	13°42'09	13°10	29°18	12°15	6°52	14°43	5°55	23°36	22°32	3°55	20°0	18°44	12°8	15°46	M 7
T 8	1 6 10	14°40'58	25°12	0♂50	13°27	6°55	14°37	5°56	23°39	22°32	3°54	19°56	18°41	12°15	15°44	T 8
W 9	1 10 7	15°39'50	7♂5	2°22	14°40	6°59	14°31	5°57	23°42	22°32	3°54	19°54	18°38	12°21	15°41	W 9
T 10	1 14 3	16°38'43	18°55	3°53	15°53	7°4	14°25	5°58	23°45	22°32	3°54	19°D53	18°34	12°28	15°39	T 10
F 11	1 18 0	17°37'39	0♂46	5°23	17°6	7°9	14°20	5°59	23°48	22°32	3°54	19°54	18°31	12°35	15°37	F 11
S 12	1 21 56	18°36'37	12°44	6°52	18°19	7°15	14°15	6°0	23°52	22°32	3°54	19°55	18°28	12°41	15°34	S 12
S 13	1 25 53	19°35'37	24°55	8°20	19°32	7°22	14°9	6°0	23°55	22°33	3°54	19°R55	18°25	12°48	15°32	S 13
M14	1 29 49	20°34'39	7♂21	9°48	20°45	7°30	14°5	6°1	23°58	22°33	3°54	19°53	18°22	12°55	15°30	M14
T 15	1 33 46	21°33'44	20°8	11°14	21°58	7°38	14°0	6°1	24°1	22°33	3°53	19°50	18°19	13°1	15°28	T 15
W16	1 37 42	22°32'50	3♂16	12°40	23°11	7°47	13°55	6°2	24°5	22°34	3°53	19°43	18°15	13°8	15°25	W16
T 17	1 41 39	23°31'59	16°46	14°4	24°25	7°57	13°51	6°2	24°8	22°34	3°53	19°35	18°12	13°15	15°23	T 17
F 18	1 45 35	24°31'10	0♂37	15°28	25°38	8°7	13°46	6°R2	24°12	22°35	3°52	19°24	18°9	13°21	15°21	F 18
S 19	1 49 32	25°30'23	14°43	16°50	26°51	8°19	13°42	6°2	24°15	22°35	3°52	19°13	18°6	13°28	15°19	S 19
S 20	1 53 29	26°29'38	28°59	18°11	28°5	8°31	13°38	6°2	24°18	22°36	3°52	19°3	18°3	13°35	15°17	S 20
M21	1 57 25	27°28'54	13♂21	19°32	29°18	8°43	13°35	6°2	24°22	22°36	3°51	18°55	17°59	13°42	15°15	M21
T 22	2 1 22	28°28'13	27°43	20°51	0♂32	8°57	13°31	6°1	24°25	22°37	3°51	18°49	17°56	13°48	15°13	T 22
W23	2 5 18	29°27'33	12♂1	22°9	1°46	9°11	13°28	6°1	24°29	22°37	3°51	18°46	17°53	13°55	15°12	W23
T 24	2 9 15	0♂26'55	26°11	23°26	2°59	9°26	13°25	6°0	24°32	22°38	3°50	18°D45	17°50	14°2	15°10	T 24
F 25	2 13 11	1°26'18	10♂13	24°41	4°13	9°41	13°22	6°0	24°36	22°39	3°50	18°45	17°47	14°8	15°8	F 25
S 26	2 17 8	2°25'43	24°7	25°55	5°27	9°57	13°19	5°59	24°39	22°39	3°49	18°R45	17°44	14°15	15°6	S 26
S 27	2 21 4	3°25'10	7♂51	27°7	6°41	10°13	13°16	5°58	24°43	22°40	3°49	18°43	17°40	14°22	15°5	S 27
M28	2 25 1	4°24'39	21°27	28°18	7°54	10°31	13°14	5°57	24°46	22°41	3°48	18°40	17°37	14°28	15°3	M28
T 29	2 28 58	5°24'09	4♂53	29°26	9°8	10°48	13°12	5°56	24°50	22°42	3°48	18°33	17°34	14°35	15°1	T 29
W30	2 32 54	6°23'41	18°8	0♂33	10°22	11°7	13°10	5°55	24°54	22°42	3°47	18°24	17°31	14°42	15°0	W30
T 31	2 36 51	7♂23'15	1♂12	1♂37	11♂36	11♂26	13♂8	5♂53	24♂57	22♂43	3♂47	18♂12	17♂28	14♂48	14♂58	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	3s 6	4s28	2s56	7s22	0n20	10n20	0n44	13s37	5s 0	7s 2	1s23	21n59	1s15	18s16	0n17	T 1
W 2	3 29	0n 5	3 50	8 6	0 13	9 56	0 47	13 33	4 55	7 5	1 23	21 59	1 15	18 16	0 17	W 2
T 3	3 52	4 32	4 31	8 49	0 6	9 31	0 49	13 29	4 51	7 7	1 23	21 59	1 15	18 17	0 17	T 3
F 4	4 15	8 41	4 57	9 31	0s 2	9 7	0 52	13 25	4 46	7 10	1 23	21 59	1 15	18 18	0 17	F 4
S 5	4 38	12 20	5 6	10 12	0 9	8 42	0 54	13 20	4 41	7 12	1 23	21 58	1 15	18 19	0 17	S 5
S 6	5 1	15 21	5 1	10 53	0 16	8 17	0 57	13 15	4 36	7 14	1 23	21 58	1 15	18 19	0 17	S 6
M 7	5 23	17 38	4 42	11 33	0 23	7 51	0 59	13 10	4 32	7 17	1 23	21 58	1 15	18 20	0 17	M 7
T 8	5 46	19 5	4 11	12 12	0 31	7 26	1 2	13 4	4 27	7 19	1 23	21 58	1 15	18 21	0 17	T 8
W 9	6 9	19 41	3 29	12 51	0 38	7 0	1 4	12 58	4 22	7 21	1 23	21 58	1 15	18 22	0 17	W 9
T 10	6 31	19 25	2 38	13 29	0 45	6 34	1 6	12 52	4 17	7 23	1 23	21 58	1 15	18 23	0 17	T 10
F 11	6 54	18 16	1 41	14 6	0 53	6 7	1 8	12 46	4 12	7 25	1 22	21 58	1 15	18 23	0 17	F 11
S 12	7 16	16 19	0 38	14 42	1 0	5 41	1 10	12 39	4 8	7 27	1 22	21 58	1 15	18 24	0 17	S 12
S 13	7 38	13 35	0n27	15 18	1 7	5 14	1 12	12 32	4 3	7 29	1 22	21 58	1 15	18 25	0 17	S 13
M14	8 1	10 12	1 32	15 52	1 14	4 47	1 14	12 25	3 58	7 30	1 22	21 58	1 16	18 26	0 17	M14
T 15	8 23	6 15	2 34	16 26	1 21	4 20	1 16	12 17	3 53	7 32	1 22	21 58	1 16	18 27	0 17	T 15
W16	8 45	1 55	3 30	16 59	1 28	3 53	1 18	12 9	3 49	7 34	1 22	21 57	1 16	18 27	0 17	W16
T 17	9 6	2s38	4 15	17 31	1 35	3 26	1 19	12 1	3 44	7 35	1 22	21 57	1 16	18 28	0 16	T 17
F 18	9 28	7 10	4 47	18 2	1 42	2 58	1 21	11 53	3 39	7 37	1 22	21 57	1 16	18 29	0 16	F 18
S 19	9 50	11 23	5 2	18 33	1 49	2 30	1 22	11 45	3 35	7 38	1 21	21 57	1 16	18 30	0 16	S 19
S 20	10 11	15 0	4 58	19 2	1 55	2 3	1 24	11 36	3 30	7 40	1 21	21 57	1 16	18 31	0 16	S 20
M21	10 32	17 45	4 36	19 30	2 1	1 35	1 25	11 27	3 26	7 41	1 21	21 57	1 16	18 32	0 16	M21
T 22	10 54	19 24	3 56	19 57	2 8	1 7	1 26	11 18	3 21	7 42	1 21	21 57	1 16	18 33	0 16	T 22
W23	11 14	19 48	3 2	20 23	2 14	0 39	1 28	11 8	3 17	7 43	1 21	21 57	1 16	18 33	0 16	W23
T 24	11 35	18 55	1 57	20 49	2 19	0 11	1 29	10 59	3 13	7 44	1 21	21 57	1 16	18 34	0 16	T 24
F 25	11 56	16 54	0 45	21 13	2 25	0s18	1 30	10 49	3 8	7 45	1 21	21 57	1 16	18 35	0 16	F 25
S 26	12 16	13 53	0s28	21 36	2 30	0 46	1 31	10 39	3 4	7 46	1 20	21 57	1 16	18 36	0 16	S 26
S 27	12 37	10 8	1 39	21 57	2 35	1 14	1 32	10 29	3 0	7 47	1 20	21 57	1 16	18 37	0 16	S 27
M28	12 57	5 54	2 44	22 18	2 39	1 42	1 33	10 19	2 56	7 48	1 20	21 57	1 16	18 38	0 16	M28
T 29	13 17	1 25	3 38	22 37	2 44	2 11	1 34	10 8	2 51	7 49	1 20	21 57	1 16	18 39	0 16	T 29
W30	13 36	3n 4	4 20	22 55	2 48	2 39	1 34	9 57	2 47	7 49	1 20	21 57	1 16	18 39	0 16	W30
T 31	13s56	7n21	4s47	23s12	2s51	3s 7	1n35	9s46	2s43	7s50	1s20	21n57	1s16	18s40	0n16	T 31

Julian Day Number = 2689225.5, Delta T = 23m38s

Ecliptic obliquity = 23°21'11, Nutation = - 0°00'12

Ayanamsha: Fagan/Bradley = 33°50'35, Lahiri = 32°57'35

# ASTRODIENST EPHEMERIS for the year 2650

NOVEMBER 2650

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	2 40 47	8♉22°51	14♊2	2♊39	12♉50	11♊45	13°R 6	5°R52	25♉1	22♊44	3°R46	17°R59	17♉25	14♊55	14°R57	F 1
S 2	2 44 44	9°22'29	26°39	3°39	14° 5	12° 5	13♊ 5	5♊50	25° 4	22°45	3♊46	17♉45	17°21	15° 2	14♊56	S 2
S 3	2 48 40	10°22'09	9♉1	4°35	15°19	12°25	13° 4	5°49	25° 8	22°46	3°45	17°33	17°18	15° 8	14°54	S 3
M 4	2 52 37	11°21'52	21°11	5°28	16°33	12°46	13° 3	5°47	25°12	22°47	3°44	17°22	17°15	15°15	14°53	M 4
T 5	2 56 33	12°21'36	3♊9	6°17	17°47	13° 8	13° 2	5°45	25°15	22°48	3°44	17°14	17°12	15°22	14°52	T 5
W 6	3 0 30	13°21'22	15° 1	7° 3	19° 2	13°30	13° 1	5°43	25°19	22°49	3°43	17° 9	17° 9	15°28	14°51	W 6
T 7	3 4 27	14°21'11	26°48	7°44	20°16	13°52	13° 1	5°41	25°23	22°50	3°42	17° 7	17° 5	15°35	14°50	T 7
F 8	3 8 23	15°21'02	8♉38	8°20	21°30	14°15	13°D 1	5°39	25°27	22°51	3°42	17° 6	17° 2	15°42	14°49	F 8
S 9	3 12 20	16°20'55	20°34	8°50	22°45	14°38	13° 1	5°37	25°30	22°52	3°41	17° 6	16°59	15°48	14°48	S 9
S 10	3 16 16	17°20'50	2♉43	9°15	23°59	15° 2	13° 1	5°34	25°34	22°53	3°40	17° 5	16°56	15°55	14°47	S 10
M11	3 20 13	18°20'47	15°10	9°32	25°14	15°26	13° 2	5°32	25°38	22°55	3°39	17° 3	16°53	16° 2	14°46	M11
T 12	3 24 9	19°20'46	27°59	9°43	26°28	15°51	13° 2	5°29	25°41	22°56	3°39	16°59	16°50	16° 8	14°45	T 12
W13	3 28 6	20°20'48	11♉14	9°R45	27°43	16°16	13° 3	5°27	25°45	22°57	3°38	16°52	16°46	16°15	14°44	W13
T 14	3 32 2	21°20'51	24°56	9°40	28°57	16°41	13° 4	5°24	25°49	22°58	3°37	16°43	16°40	16°22	14°44	T 14
F 15	3 35 59	22°20'56	9♉3	9°25	0♉12	17° 7	13° 5	5°21	25°53	23° 0	3°36	16°31	16°40	16°28	14°43	F 15
S 16	3 39 56	23°21'04	23°32	9° 0	1°27	17°33	13° 7	5°18	25°56	23° 1	3°35	16°19	16°37	16°35	14°43	S 16
S 17	3 43 52	24°21'13	8♊14	8°26	2°42	18° 0	13° 8	5°15	26° 0	23° 2	3°34	16° 7	16°34	16°41	14°42	S 17
M18	3 47 49	25°21'24	23° 3	7°42	3°56	18°26	13°10	5°12	26° 4	23° 4	3°34	15°58	16°31	16°48	14°42	M18
T 19	3 51 45	26°21'36	7♊50	6°48	5°11	18°54	13°12	5° 9	26° 8	23° 5	3°33	15°50	16°27	16°55	14°41	T 19
W20	3 55 42	27°21'50	22°27	5°46	6°26	19°21	13°15	5° 5	26°11	23° 7	3°32	15°46	16°24	17° 1	14°41	W20
T 21	3 59 38	28°22'06	6♊50	4°37	7°41	19°49	13°17	5° 2	26°15	23° 8	3°31	15°45	16°21	17° 8	14°41	T 21
F 22	4 3 35	29°22'22	20°57	3°21	8°56	20°18	13°20	4°58	26°19	23°10	3°30	15°D45	16°18	17°15	14°40	F 22
S 23	4 7 31	0♊22'41	4♊47	2° 2	10°10	20°46	13°23	4°55	26°23	23°11	3°29	15°R45	16°15	17°21	14°40	S 23
S 24	4 11 28	1°23'00	18°21	0°42	11°25	21°15	13°26	4°51	26°26	23°13	3°28	15°44	16°11	17°28	14°40	S 24
M25	4 15 25	2°23'21	1♊41	29♉23	12°40	21°44	13°29	4°48	26°30	23°14	3°27	15°40	16° 8	17°35	14°D40	M25
T 26	4 19 21	3°23'43	14°47	28° 8	13°55	22°14	13°32	4°44	26°34	23°16	3°26	15°34	16° 5	17°41	14°40	T 26
W27	4 23 18	4°24'06	27°41	26°59	15°10	22°44	13°36	4°40	26°38	23°18	3°25	15°25	16° 2	17°48	14°40	W27
T 28	4 27 14	5°24'31	10♊24	25°59	16°25	23°14	13°40	4°36	26°41	23°19	3°24	15°14	15°59	17°55	14°40	T 28
F 29	4 31 11	6°24'58	22°56	25° 8	17°40	23°44	13°44	4°32	26°45	23°21	3°23	15° 2	15°56	18° 1	14°41	F 29
S 30	4 35 7	7♊25'26	5♉18	24♉29	18♉55	24♊15	13♊48	4♊28	26♉49	23♊23	3♊22	14♉49	15♉52	18♊8	14♊41	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	14s15	11n13	5s 0	23s28	2s54	3s35	1n35	9s35	2s39	7s50	1s19	21n57	1s16	18s41	0n16	20s45
S 2	14 34	14 31	4 57	23 42	2 56	4 3	1 36	9 24	2 35	7 51	1 19	21 57	1 16	18 42	0 16	20 45
S 3	14 53	17 7	4 40	23 54	2 58	4 32	1 36	9 13	2 32	7 51	1 19	21 57	1 16	18 43	0 16	20 45
M 4	15 11	18 54	4 10	24 5	3 0	5 0	1 37	9 1	2 28	7 51	1 19	21 57	1 16	18 44	0 16	20 45
T 5	15 29	19 49	3 30	24 15	3 0	5 28	1 37	8 49	2 24	7 51	1 19	21 57	1 16	18 45	0 16	20 45
W 6	15 47	19 51	2 41	24 22	3 0	5 56	1 37	8 37	2 20	7 51	1 18	21 57	1 16	18 46	0 16	20 45
T 7	16 5	19 0	1 45	24 28	3 0	6 23	1 37	8 25	2 16	7 51	1 18	21 57	1 17	18 47	0 16	20 44
F 8	16 23	17 19	0 45	24 33	2 58	6 51	1 37	8 13	2 13	7 51	1 18	21 58	1 17	18 47	0 16	20 44
S 9	16 40	14 52	0n18	24 35	2 55	7 19	1 37	8 1	2 9	7 51	1 18	21 58	1 17	18 48	0 16	20 44
S 10	16 57	11 44	1 22	24 35	2 52	7 46	1 37	7 49	2 6	7 51	1 18	21 58	1 17	18 49	0 16	20 44
M11	17 14	8 1	2 23	24 33	2 47	8 13	1 37	7 36	2 2	7 50	1 17	21 58	1 17	18 50	0 16	20 44
T 12	17 30	3 50	3 18	24 28	2 41	8 41	1 36	7 23	1 59	7 50	1 17	21 58	1 17	18 51	0 16	20 44
W13	17 46	0s40	4 5	24 21	2 33	9 8	1 36	7 10	1 55	7 49	1 17	21 58	1 17	18 52	0 16	20 43
T 14	18 2	5 17	4 39	24 12	2 24	9 34	1 36	6 58	1 52	7 49	1 17	21 58	1 17	18 53	0 16	20 43
F 15	18 17	9 45	4 58	23 59	2 14	10 1	1 35	6 44	1 49	7 48	1 17	21 58	1 17	18 54	0 16	20 43
S 16	18 33	13 46	4 58	23 43	2 2	10 27	1 35	6 31	1 45	7 47	1 16	21 58	1 17	18 55	0 16	20 43
S 17	18 47	17 1	4 39	23 24	1 48	10 53	1 34	6 18	1 42	7 47	1 16	21 58	1 17	18 56	0 16	20 43
M18	19 2	19 10	4 1	23 2	1 33	11 19	1 33	6 5	1 39	7 46	1 16	21 58	1 17	18 56	0 16	20 42
T 19	19 16	20 1	3 6	22 37	1 16	11 45	1 33	5 51	1 36	7 45	1 16	21 59	1 17	18 57	0 16	20 42
W20	19 30	19 31	2 0	22 8	0 57	12 10	1 32	5 37	1 33	7 44	1 16	21 59	1 17	18 58	0 16	20 42
T 21	19 43	17 44	0 47	21 36	0 38	12 35	1 31	5 24	1 30	7 42	1 15	21 59	1 17	18 59	0 16	20 42
F 22	19 57	14 54	0s28	21 3	0 18	13 0	1 30	5 10	1 27	7 41	1 15	21 59	1 17	19 0	0 16	20 42
S 23	20 9	11 16	1 39	20 27	0n 3	13 25	1 29	4 56	1 24	7 40	1 15	21 59	1 17	19 1	0 16	20 41
S 24	20 22	7 6	2 44	19 51	0 23	13 49	1 28	4 42	1 21	7 39	1 15	21 59	1 17	19 2	0 16	20 41
M25	20 34	2 40	3 38	19 15	0 43	14 13	1 27	4 28	1 18	7 37	1 15	21 59	1 17	19 3	0 16	20 41
T 26	20 45	1n48	4 20	18 40	1 2	14 36	1 25	4 14	1 16	7 36	1 14	22 0	1 17	19 3	0 16	20 41
W27	20 57	6 8	4 48	18 7	1 20	14 59	1 24	3 59	1 13	7 34	1 14	22 0	1 17	19 4	0 16	20 40
T 28	21 8	10 7	5 1	17 38	1 36	15 22	1 23	3 45	1 10	7 32	1 14	22 0	1 17	19 5	0 16	20 40
F 29	21 18	13 37	4 59	17 12	1 50	15 44	1 21	3 31	1 7	7 31	1 14	22 0	1 17	19 6	0 16	20 40
S 30	21s28	16n28	4s43	16s51	2n 2	16s 6	1n20	3s16	1s 5	7s29	1s14	22n 0	1s17	19s 7	0n16	20s40

Julian Day Number = 2689256.5, Delta T = 23m39s  
 Ecliptic obliquity = 23°21'10", Nutation = - 0°00'14"  
 Ayanamsha: Fagan/Bradley = 33°50'40", Lahiri = 32°57'40"

## ASTRODIENST EPHEMERIS for the year 2650

DECEMBER 2650

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 39 4	8°25'55	17°12'29	24°R 1	20°M 10	24°K 46	13°H 52	4°R 24	26°M 52	23°Z 24	3°R 21	14°R 37	15°N 49	18°E 15	14°K 41	S 1
M 2	4 43 0	9°26'26	29°31	23°M 45	21°25	25°17	13°57	4°E 20	26°56	23°26	3°E 20	14°N 26	15°46	18°21	14°42	M 2
T 3	4 46 57	10°26'59	11°E 25	23°D 41	22°40	25°48	14° 2	4°15	27° 0	23°28	3°19	14°19	15°43	18°28	14°42	T 3
W 4	4 50 54	11°27'33	23°14	23°47	23°56	26°20	14° 7	4°11	27° 4	23°30	3°18	14°14	15°40	18°35	14°43	W 4
T 5	4 54 50	12°28'09	5°N 0	24° 3	25°11	26°51	14°12	4° 7	27° 7	23°31	3°17	14°11	15°37	18°41	14°43	T 5
F 6	4 58 47	13°28'46	16°49	24°29	26°26	27°23	14°17	4° 2	27°11	23°33	3°16	14°D 11	15°33	18°48	14°44	F 6
S 7	5 2 43	14°29'25	28°43	25° 3	27°41	27°55	14°23	3°58	27°14	23°35	3°14	14°11	15°30	18°55	14°44	S 7
S 8	5 6 40	15°30'05	10°M 49	25°45	28°56	28°28	14°28	3°53	27°18	23°37	3°13	14°R 12	15°27	19° 1	14°45	S 8
M 9	5 10 36	16°30'47	23°12	26°34	0°K 11	29° 1	14°34	3°49	27°22	23°39	3°12	14°12	15°24	19° 8	14°46	M 9
T 10	5 14 33	17°31'31	5°E 58	27°28	1°27	29°33	14°40	3°44	27°25	23°41	3°11	14°10	15°21	19°15	14°47	T 10
W 11	5 18 29	18°32'16	19° 9	28°28	2°42	0°Y 6	14°46	3°40	27°29	23°43	3°10	14° 6	15°17	19°21	14°48	W 11
T 12	5 22 26	19°33'02	2°M 50	29°32	3°57	0°40	14°53	3°35	27°32	23°45	3° 9	14° 0	15°14	19°28	14°49	T 12
F 13	5 26 23	20°33'50	17° 0	0°K 40	5°12	1°13	14°59	3°30	27°36	23°47	3° 8	13°52	15°11	19°35	14°50	F 13
S 14	5 30 19	21°34'40	1°K 36	1°51	6°28	1°47	15° 6	3°25	27°40	23°49	3° 7	13°43	15° 8	19°41	14°51	S 14
S 15	5 34 16	22°35'30	16°32	3° 5	7°43	2°20	15°13	3°21	27°43	23°51	3° 5	13°35	15° 5	19°48	14°52	S 15
M 16	5 38 12	23°36'22	1°Z 39	4°22	8°58	2°54	15°20	3°16	27°47	23°53	3° 4	13°28	15° 2	19°55	14°53	M 16
T 17	5 42 9	24°37'15	16°48	5°40	10°14	3°28	15°27	3°11	27°50	23°55	3° 3	13°23	14°58	20° 1	14°55	T 17
W 18	5 46 5	25°38'09	1°K 48	7° 1	11°29	4° 3	15°34	3° 6	27°53	23°57	3° 2	13°20	14°55	20° 8	14°56	W 18
T 19	5 50 2	26°39'03	16°32	8°23	12°44	4°37	15°42	3° 1	27°57	23°59	3° 1	13°D 20	14°52	20°15	14°57	T 19
F 20	5 53 59	27°39'58	0°K 54	9°47	14° 0	5°12	15°49	2°56	28° 0	24° 1	3° 0	13°21	14°49	20°21	14°59	F 20
S 21	5 57 55	28°40'54	14°54	11°12	15°15	5°46	15°57	2°51	28° 4	24° 3	2°58	13°22	14°46	20°28	15° 0	S 21
S 22	6 1 52	29°41'50	28°31	12°37	16°30	6°21	16° 5	2°46	28° 7	24° 5	2°57	13°R 23	14°43	20°35	15° 2	S 22
M 23	6 5 48	0°Z 42'47	11°Y 47	14° 4	17°46	6°56	16°13	2°41	28°10	24° 7	2°56	13°22	14°39	20°41	15° 3	M 23
T 24	6 9 45	1°43'45	24°44	15°31	19° 1	7°31	16°21	2°36	28°14	24° 9	2°55	13°20	14°36	20°48	15° 5	T 24
W 25	6 13 41	2°44'43	7°E 25	16°59	20°17	8° 7	16°30	2°31	28°17	24°11	2°54	13°15	14°33	20°55	15° 7	W 25
T 26	6 17 38	3°45'41	19°53	18°28	21°32	8°42	16°38	2°27	28°20	24°14	2°53	13° 9	14°30	21° 1	15° 9	T 26
F 27	6 21 34	4°46'40	2°I 10	19°57	22°47	9°18	16°47	2°22	28°23	24°16	2°51	13° 2	14°27	21° 8	15°10	F 27
S 28	6 25 31	5°47'40	14°17	21°27	24° 3	9°53	16°56	2°17	28°27	24°18	2°50	12°55	14°23	21°15	15°12	S 28
S 29	6 29 28	6°48'40	26°17	22°57	25°18	10°29	17° 5	2°12	28°30	24°20	2°49	12°48	14°20	21°21	15°14	S 29
M 30	6 33 24	7°49'41	8°E 12	24°27	26°34	11° 5	17°14	2° 7	28°33	24°22	2°48	12°42	14°17	21°28	15°16	M 30
T 31	6 37 21	8°50'43	20°E 2	25°K 57	27°K 49	11°Y 41	17°K 23	2°E 2	28°M 36	24°Z 24	2°E 47	12°N 38	14°N 14	21°E 35	15°K 18	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	21s38	18n33	4s14	16s35	2n11	16s28	1n18	3s 2	1s 2	7s27	1s13	22n 0	1s17	19s 8	0n16	S 1
M 2	21 47	19 47	3 35	16 24	2 19	16 49	1 17	2 47	1 0	7 25	1 13	22 0	1 17	19 9	0 16	M 2
T 3	21 56	20 7	2 46	16 17	2 25	17 10	1 15	2 32	0 57	7 23	1 13	22 1	1 16	19 9	0 16	T 3
W 4	22 4	19 34	1 50	16 15	2 29	17 30	1 14	2 18	0 55	7 21	1 13	22 1	1 16	19 10	0 16	W 4
T 5	22 13	18 9	0 49	16 16	2 31	17 50	1 12	2 3	0 52	7 19	1 13	22 1	1 16	19 11	0 16	T 5
F 6	22 20	15 58	0n14	16 22	2 32	18 9	1 10	1 48	0 50	7 17	1 12	22 1	1 16	19 12	0 16	F 6
S 7	22 27	13 5	1 17	16 30	2 32	18 28	1 8	1 33	0 48	7 14	1 12	22 1	1 16	19 13	0 16	S 7
S 8	22 34	9 37	2 18	16 42	2 30	18 46	1 6	1 18	0 45	7 12	1 12	22 1	1 16	19 14	0 16	S 8
M 9	22 40	5 39	3 14	16 56	2 27	19 4	1 5	1 3	0 43	7 10	1 12	22 2	1 16	19 14	0 16	M 9
T 10	22 46	1 20	4 1	17 11	2 24	19 21	1 3	0 48	0 41	7 7	1 12	22 2	1 16	19 15	0 16	T 10
W 11	22 52	3s11	4 38	17 29	2 20	19 38	1 1	0 33	0 38	7 5	1 12	22 2	1 16	19 16	0 16	W 11
T 12	22 57	7 41	5 1	17 47	2 15	19 54	0 59	0 18	0 36	7 2	1 11	22 2	1 16	19 17	0 16	T 12
F 13	23 1	11 57	5 6	18 7	2 9	20 10	0 57	0 2	0 34	6 59	1 11	22 2	1 16	19 18	0 16	F 13
S 14	23 5	15 38	4 52	18 27	2 3	20 25	0 55	0n13	0 32	6 57	1 11	22 3	1 16	19 18	0 16	S 14
S 15	23 9	18 24	4 18	18 47	1 57	20 39	0 52	0 28	0 30	6 54	1 11	22 3	1 16	19 19	0 16	S 15
M 16	23 12	19 55	3 25	19 8	1 50	20 53	0 50	0 43	0 28	6 51	1 11	22 3	1 16	19 20	0 16	M 16
T 17	23 15	20 1	2 18	19 29	1 43	21 7	0 48	0 59	0 26	6 48	1 10	22 3	1 16	19 21	0 16	T 17
W 18	23 17	18 41	1 2	19 50	1 36	21 19	0 46	1 14	0 24	6 45	1 10	22 3	1 16	19 22	0 16	W 18
T 19	23 19	16 6	0s17	20 10	1 29	21 31	0 44	1 29	0 22	6 42	1 10	22 4	1 16	19 22	0 16	T 19
F 20	23 20	12 34	1 34	20 30	1 21	21 43	0 41	1 45	0 20	6 39	1 10	22 4	1 16	19 23	0 16	F 20
S 21	23 21	8 25	2 43	20 49	1 14	21 54	0 39	2 0	0 18	6 36	1 10	22 4	1 15	19 24	0 16	S 21
S 22	23 21	3 57	3 40	21 8	1 6	22 4	0 37	2 16	0 16	6 32	1 10	22 4	1 15	19 25	0 16	S 22
M 23	23 21	0n35	4 25	21 26	0 58	22 13	0 34	2 31	0 15	6 29	1 9	22 4	1 15	19 25	0 16	M 23
T 24	23 20	4 59	4 54	21 44	0 51	22 22	0 32	2 47	0 13	6 26	1 9	22 4	1 15	19 26	0 16	T 24
W 25	23 19	9 4	5 8	22 0	0 43	22 30	0 30	3 2	0 11	6 22	1 9	22 5	1 15	19 27	0 16	W 25
T 26	23 18	12 42	5 8	22 16	0 35	22 38	0 27	3 18	0 9	6 19	1 9	22 5	1 15	19 28	0 16	T 26
F 27	23 16	15 44	4 53	22 31	0 28	22 45	0 25	3 33	0 8	6 15	1 9	22 5	1 15	19 28	0 16	F 27
S 28	23 14	18 2	4 25	22 44	0 20	22 51	0 22	3 49	0 6	6 12	1 9	22 5	1 15	19 29	0 16	S 28
S 29	23 11	19 32	3 46	22 57	0 13	22 56	0 20	4 4	0 4	6 8	1 8	22 5	1 15	19 30	0 16	S 29
M 30	23 7	20 9	2 57	23 9	0 5	23 1	0 18	4 20	0 3	6 4	1 8	22 6	1 15	19 30	0 16	M 30
T 31	23s 4	19n53	2s 0	23s19	0s 2	23s 5	0n15	4n35	0s 1	6s 1	1s 8	22n 6	1s14	19s31	0n16	T 31

Julian Day Number = 2689286.5, Delta T = 23m39s

Ecliptic obliquity = 23°21'10, Nutation = - 0°00'13

Ayanamsha: Fagan/Bradley = 33°50'44, Lahiri = 32°57'44



## ASTRODIENST EPHEMERIS for the year 2651

FEBRUARY 2651

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 43 30	11 <sup>25</sup> 40	16 <sup>17</sup> 33	17 <sup>22</sup> 12	8 <sup>22</sup> 4	1 <sup>18</sup> 34	23 <sup>11</sup> 19	29 <sup>0</sup> R49	29 <sup>11</sup> 55	25 <sup>25</sup> 37	2 <sup>0</sup> R13	12 <sup>0</sup> Ω23	12 <sup>0</sup> Ω32	25 <sup>25</sup> 7	16 <sup>16</sup> 47	S 1
S 2	8 47 27	12 <sup>26</sup> 41	28 <sup>0</sup> 49	18 <sup>0</sup> 55	9 <sup>0</sup> 19	2 <sup>0</sup> 12	23 <sup>31</sup>	29 <sup>11</sup> 46	29 <sup>0</sup> 57	25 <sup>25</sup> 39	2 <sup>0</sup> Ω12	12 <sup>0</sup> R24	12 <sup>0</sup> 29	25 <sup>25</sup> 14	16 <sup>16</sup> 51	S 2
M 3	8 51 24	13 <sup>27</sup> 41	11 <sup>18</sup> 18	20 <sup>0</sup> 39	10 <sup>0</sup> 34	2 <sup>0</sup> 50	23 <sup>44</sup>	29 <sup>0</sup> 43	29 <sup>0</sup> 58	25 <sup>25</sup> 41	2 <sup>0</sup> 11	12 <sup>0</sup> 23	12 <sup>0</sup> 26	25 <sup>25</sup> 21	16 <sup>16</sup> 54	M 3
T 4	8 55 20	14 <sup>28</sup> 40	24 <sup>0</sup> 2	22 <sup>0</sup> 22	11 <sup>0</sup> 50	3 <sup>0</sup> 29	23 <sup>57</sup>	29 <sup>0</sup> 40	0 <sup>0</sup> 27 0	25 <sup>25</sup> 43	2 <sup>0</sup> 10	12 <sup>0</sup> 23	12 <sup>0</sup> 23	25 <sup>25</sup> 27	16 <sup>16</sup> 58	T 4
W 5	8 59 17	15 <sup>29</sup> 40	7 <sup>11</sup> 4	24 <sup>0</sup> 6	13 <sup>0</sup> 5	4 <sup>0</sup> 7	24 <sup>10</sup>	29 <sup>0</sup> 38	0 <sup>0</sup> 2	25 <sup>25</sup> 45	2 <sup>0</sup> 10	12 <sup>0</sup> 23	12 <sup>0</sup> 20	25 <sup>25</sup> 34	17 <sup>0</sup> 1	W 5
T 6	9 3 13	16 <sup>30</sup> 38	20 <sup>0</sup> 28	25 <sup>0</sup> 50	14 <sup>0</sup> 21	4 <sup>0</sup> 45	24 <sup>23</sup>	29 <sup>0</sup> 35	0 <sup>0</sup> 3	25 <sup>25</sup> 47	2 <sup>0</sup> 9	12 <sup>0</sup> D23	12 <sup>0</sup> 16	25 <sup>25</sup> 41	17 <sup>0</sup> 4	T 6
F 7	9 7 10	17 <sup>31</sup> 37	4 <sup>21</sup> 14	27 <sup>0</sup> 34	15 <sup>0</sup> 36	5 <sup>0</sup> 24	24 <sup>36</sup>	29 <sup>0</sup> 33	0 <sup>0</sup> 5	25 <sup>25</sup> 50	2 <sup>0</sup> 8	12 <sup>0</sup> 23	12 <sup>0</sup> 13	25 <sup>25</sup> 47	17 <sup>0</sup> 8	F 7
S 8	9 11 6	18 <sup>32</sup> 35	18 <sup>0</sup> 24	29 <sup>0</sup> 18	16 <sup>0</sup> 51	6 <sup>0</sup> 2	24 <sup>49</sup>	29 <sup>0</sup> 30	0 <sup>0</sup> 6	25 <sup>25</sup> 52	2 <sup>0</sup> 7	12 <sup>0</sup> 24	12 <sup>0</sup> 10	25 <sup>25</sup> 54	17 <sup>0</sup> 12	S 8
S 9	9 15 3	19 <sup>33</sup> 32	2 <sup>25</sup> 56	1 <sup>18</sup> 2	18 <sup>0</sup> 7	6 <sup>0</sup> 40	25 <sup>0</sup> 2	29 <sup>0</sup> 28	0 <sup>0</sup> 7	25 <sup>25</sup> 54	2 <sup>0</sup> 6	12 <sup>0</sup> 24	12 <sup>0</sup> 7	26 <sup>0</sup> 1	17 <sup>0</sup> 15	S 9
M10	9 18 59	20 <sup>34</sup> 29	17 <sup>45</sup>	2 <sup>0</sup> 46	19 <sup>0</sup> 22	7 <sup>0</sup> 19	25 <sup>0</sup> 15	29 <sup>0</sup> 26	0 <sup>0</sup> 9	25 <sup>25</sup> 56	2 <sup>0</sup> 6	12 <sup>0</sup> 25	12 <sup>0</sup> 4	26 <sup>0</sup> 7	17 <sup>0</sup> 19	M10
T 11	9 22 56	21 <sup>35</sup> 24	2 <sup>22</sup> 47	4 <sup>0</sup> 29	20 <sup>0</sup> 38	7 <sup>0</sup> 57	25 <sup>0</sup> 28	29 <sup>0</sup> 24	0 <sup>0</sup> 10	25 <sup>25</sup> 58	2 <sup>0</sup> 5	12 <sup>0</sup> 26	12 <sup>0</sup> 0	26 <sup>0</sup> 14	17 <sup>0</sup> 22	T 11
W12	9 26 53	22 <sup>36</sup> 19	17 <sup>53</sup>	6 <sup>0</sup> 11	21 <sup>0</sup> 53	8 <sup>0</sup> 36	25 <sup>0</sup> 42	29 <sup>0</sup> 22	0 <sup>0</sup> 11	26 <sup>0</sup> 0	2 <sup>0</sup> 4	12 <sup>0</sup> R26	11 <sup>0</sup> 57	26 <sup>0</sup> 21	17 <sup>0</sup> 26	W12
T 13	9 30 49	23 <sup>37</sup> 13	2 <sup>14</sup> 54	7 <sup>0</sup> 51	23 <sup>0</sup> 8	9 <sup>0</sup> 14	25 <sup>0</sup> 55	29 <sup>0</sup> 20	0 <sup>0</sup> 12	26 <sup>0</sup> 2	2 <sup>0</sup> 4	12 <sup>0</sup> 25	11 <sup>0</sup> 54	26 <sup>0</sup> 27	17 <sup>0</sup> 30	T 13
F 14	9 34 46	24 <sup>38</sup> 06	17 <sup>52</sup>	9 <sup>0</sup> 31	24 <sup>0</sup> 24	9 <sup>0</sup> 53	26 <sup>0</sup> 9	29 <sup>0</sup> 18	0 <sup>0</sup> 14	26 <sup>0</sup> 4	2 <sup>0</sup> 3	12 <sup>0</sup> 24	11 <sup>0</sup> 51	26 <sup>0</sup> 34	17 <sup>0</sup> 33	F 14
S 15	9 38 42	25 <sup>38</sup> 58	2 <sup>17</sup> 8	11 <sup>0</sup> 8	25 <sup>0</sup> 39	10 <sup>0</sup> 31	26 <sup>0</sup> 22	29 <sup>0</sup> 16	0 <sup>0</sup> 15	26 <sup>0</sup> 6	2 <sup>0</sup> 2	12 <sup>0</sup> 22	11 <sup>0</sup> 48	26 <sup>0</sup> 41	17 <sup>0</sup> 37	S 15
S 16	9 42 39	26 <sup>39</sup> 48	16 <sup>0</sup> 9	12 <sup>0</sup> 43	26 <sup>0</sup> 54	11 <sup>0</sup> 10	26 <sup>0</sup> 36	29 <sup>0</sup> 15	0 <sup>0</sup> 16	26 <sup>0</sup> 8	2 <sup>0</sup> 2	12 <sup>0</sup> 20	11 <sup>0</sup> 45	26 <sup>0</sup> 47	17 <sup>0</sup> 41	S 16
M17	9 46 35	27 <sup>40</sup> 37	29 <sup>0</sup> 43	14 <sup>0</sup> 15	28 <sup>0</sup> 10	11 <sup>0</sup> 48	26 <sup>0</sup> 49	29 <sup>0</sup> 13	0 <sup>0</sup> 17	26 <sup>0</sup> 10	2 <sup>0</sup> 1	12 <sup>0</sup> 19	11 <sup>0</sup> 41	26 <sup>0</sup> 54	17 <sup>0</sup> 45	M17
T 18	9 50 32	28 <sup>41</sup> 25	12 <sup>28</sup> 50	15 <sup>0</sup> 44	29 <sup>0</sup> 25	12 <sup>0</sup> 27	27 <sup>0</sup> 3	29 <sup>0</sup> 12	0 <sup>0</sup> 18	26 <sup>0</sup> 12	2 <sup>0</sup> 1	12 <sup>0</sup> 17	11 <sup>0</sup> 38	27 <sup>0</sup> 1	17 <sup>0</sup> 48	T 18
W19	9 54 28	29 <sup>42</sup> 11	25 <sup>33</sup>	17 <sup>0</sup> 9	0 <sup>0</sup> 40	13 <sup>0</sup> 6	27 <sup>0</sup> 17	29 <sup>0</sup> 11	0 <sup>0</sup> 18	26 <sup>0</sup> 14	2 <sup>0</sup> 0	12 <sup>0</sup> D17	11 <sup>0</sup> 35	27 <sup>0</sup> 7	17 <sup>0</sup> 52	W19
T 20	9 58 25	0 <sup>42</sup> 56	7 <sup>11</sup> 55	18 <sup>0</sup> 29	1 <sup>0</sup> 56	13 <sup>0</sup> 44	27 <sup>0</sup> 30	29 <sup>0</sup> 10	0 <sup>0</sup> 19	26 <sup>0</sup> 16	1 <sup>0</sup> 59	12 <sup>0</sup> 17	11 <sup>0</sup> 32	27 <sup>0</sup> 14	17 <sup>0</sup> 56	T 20
F 21	10 2 22	1 <sup>43</sup> 39	20 <sup>0</sup> 2	19 <sup>0</sup> 43	3 <sup>0</sup> 11	14 <sup>0</sup> 23	27 <sup>0</sup> 44	29 <sup>0</sup> 9	0 <sup>0</sup> 20	26 <sup>0</sup> 18	1 <sup>0</sup> 59	12 <sup>0</sup> 18	11 <sup>0</sup> 29	27 <sup>0</sup> 20	18 <sup>0</sup> 0	F 21
S 22	10 6 18	2 <sup>44</sup> 21	1 <sup>56</sup> 57	20 <sup>0</sup> 52	4 <sup>0</sup> 26	15 <sup>0</sup> 2	27 <sup>0</sup> 58	29 <sup>0</sup> 8	0 <sup>0</sup> 21	26 <sup>0</sup> 20	1 <sup>0</sup> 58	12 <sup>0</sup> 19	11 <sup>0</sup> 26	27 <sup>0</sup> 27	18 <sup>0</sup> 4	S 22
S 23	10 10 15	3 <sup>45</sup> 01	13 <sup>46</sup>	21 <sup>0</sup> 53	5 <sup>0</sup> 41	15 <sup>0</sup> 40	28 <sup>0</sup> 12	29 <sup>0</sup> 7	0 <sup>0</sup> 21	26 <sup>0</sup> 22	1 <sup>0</sup> 58	12 <sup>0</sup> 21	11 <sup>0</sup> 22	27 <sup>0</sup> 34	18 <sup>0</sup> 7	S 23
M24	10 14 11	4 <sup>45</sup> 40	25 <sup>33</sup>	22 <sup>0</sup> 47	6 <sup>0</sup> 57	16 <sup>0</sup> 19	28 <sup>0</sup> 26	29 <sup>0</sup> 6	0 <sup>0</sup> 22	26 <sup>0</sup> 24	1 <sup>0</sup> 57	12 <sup>0</sup> 22	11 <sup>0</sup> 19	27 <sup>0</sup> 40	18 <sup>0</sup> 11	M24
T 25	10 18 8	5 <sup>46</sup> 17	7 <sup>12</sup> 22	23 <sup>0</sup> 33	8 <sup>0</sup> 12	16 <sup>0</sup> 58	28 <sup>0</sup> 40	29 <sup>0</sup> 6	0 <sup>0</sup> 22	26 <sup>0</sup> 26	1 <sup>0</sup> 57	12 <sup>0</sup> R23	11 <sup>0</sup> 16	27 <sup>0</sup> 47	18 <sup>0</sup> 15	T 25
W26	10 22 4	6 <sup>46</sup> 52	19 <sup>15</sup>	24 <sup>0</sup> 10	9 <sup>0</sup> 27	17 <sup>0</sup> 36	28 <sup>0</sup> 54	29 <sup>0</sup> 5	0 <sup>0</sup> 23	26 <sup>0</sup> 28	1 <sup>0</sup> 57	12 <sup>0</sup> 23	11 <sup>0</sup> 13	27 <sup>0</sup> 54	18 <sup>0</sup> 19	W26
T 27	10 26 1	7 <sup>47</sup> 26	1 <sup>17</sup> 16	24 <sup>0</sup> 37	10 <sup>0</sup> 42	18 <sup>0</sup> 15	29 <sup>0</sup> 8	29 <sup>0</sup> 5	0 <sup>0</sup> 23	26 <sup>0</sup> 30	1 <sup>0</sup> 56	12 <sup>0</sup> 22	11 <sup>0</sup> 10	28 <sup>0</sup> 0	18 <sup>0</sup> 23	T 27
F 28	10 29 57	8 <sup>47</sup> 59	13 <sup>17</sup> 26	24 <sup>0</sup> 54	11 <sup>0</sup> 57	18 <sup>0</sup> 54	29 <sup>0</sup> 22	29 <sup>0</sup> 5	0 <sup>0</sup> 23	26 <sup>0</sup> 31	1 <sup>0</sup> 56	12 <sup>0</sup> Ω19	11 <sup>0</sup> Ω 6	28 <sup>0</sup> 7	18 <sup>0</sup> 27	F 28

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
-----	---	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--

## ASTRODIENST EPHEMERIS for the year 2651

MARCH 2651

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 33 54	9 <sup>h</sup> 48'30	25 <sup>m</sup> 46	25°R 1	13 <sup>h</sup> 12	19 <sup>h</sup> 33	29 <sup>h</sup> 36	29°D 5	0 <sup>h</sup> 24	26 <sup>h</sup> 33	1°R55	12°R15	11 <sup>h</sup> 03	28 <sup>h</sup> 14	18 <sup>h</sup> 31	S 1
S 2	10 37 51	10°49'00	8 <sup>h</sup> 19	24 <sup>h</sup> 58	14°28	20°11	29°50	29 <sup>h</sup> 11 5	0°24	26°35	1 <sup>h</sup> 55	12 <sup>h</sup> 10	11° 0	28°20	18°35	S 2
M 3	10 41 47	11°49'28	21° 4	24°45	15°43	20°50	0 <sup>h</sup> 4 4	29° 5	0°24	26°37	1°55	12° 5	10°57	28°27	18°38	M 3
T 4	10 45 44	12°49'55	4 <sup>h</sup> 11 2	24°21	16°58	21°29	0°19	29° 5	0°24	26°38	1°54	12° 1	10°54	28°34	18°42	T 4
W 5	10 49 40	13°50'21	17°14	23°49	18°13	22° 8	0°33	29° 5	0°24	26°40	1°54	11°57	10°51	28°40	18°46	W 5
T 6	10 53 37	14°50'45	0 <sup>h</sup> 24	23° 8	19°28	22°46	0°47	29° 6	0°R24	26°42	1°54	11°54	10°47	28°47	18°50	T 6
F 7	10 57 33	15°51'08	14°22	22°19	20°43	23°25	1° 1	29° 6	0°24	26°43	1°54	11°D53	10°44	28°54	18°54	F 7
S 8	11 1 30	16°51'30	28°19	21°25	21°58	24° 4	1°16	29° 7	0°24	26°45	1°53	11°54	10°41	29° 0	18°58	S 8
S 9	11 5 26	17°51'51	12 <sup>h</sup> 32	20°26	23°13	24°43	1°30	29° 8	0°24	26°47	1°53	11°55	10°38	29° 7	19° 2	S 9
M10	11 9 23	18°52'10	26°59	19°23	24°28	25°21	1°45	29° 9	0°24	26°48	1°53	11°57	10°35	29°13	19° 6	M10
T 11	11 13 19	19°52'28	11 <sup>h</sup> 36	18°19	25°43	26° 0	1°59	29°10	0°24	26°50	1°53	11°R57	10°32	29°20	19°10	T 11
W12	11 17 16	20°52'44	26°20	17°16	26°58	26°39	2°13	29°11	0°23	26°51	1°53	11°56	10°28	29°27	19°14	W12
T 13	11 21 13	21°52'58	11 <sup>h</sup> 3 3	16°13	28°13	27°18	2°28	29°12	0°23	26°53	1°53	11°54	10°25	29°33	19°18	T 13
F 14	11 25 9	22°53'11	25°39	15°14	29°28	27°57	2°42	29°14	0°23	26°54	1°53	11°49	10°22	29°40	19°22	F 14
S 15	11 29 6	23°53'22	10 <sup>h</sup> 0	14°19	0 <sup>h</sup> 43	28°35	2°57	29°15	0°22	26°56	1°53	11°43	10°19	29°47	19°26	S 15
S 16	11 33 2	24°53'32	24° 1	13°28	1°58	29°14	3°11	29°17	0°22	26°57	1°53	11°35	10°16	29°53	19°29	S 16
M17	11 36 59	25°53'39	7 <sup>h</sup> 38	12°43	3°13	29°53	3°26	29°18	0°21	26°59	1°D53	11°28	10°12	0 <sup>h</sup> 0	19°33	M17
T 18	11 40 55	26°53'44	20°50	12° 4	4°28	0 <sup>h</sup> 11 32	3°40	29°20	0°20	27° 0	1°53	11°22	10° 9	0° 7	19°37	T 18
W19	11 44 52	27°53'47	3 <sup>h</sup> 11 38	11°32	5°43	1°10	3°55	29°22	0°20	27° 1	1°53	11°17	10° 6	0°13	19°41	W19
T 20	11 48 48	28°53'49	16° 4	11° 7	6°58	1°49	4° 9	29°24	0°19	27° 3	1°53	11°14	10° 3	0°20	19°45	T 20
F 21	11 52 45	29°53'48	28°13	10°48	8°12	2°28	4°24	29°26	0°18	27° 4	1°53	11°D13	10° 0	0°27	19°49	F 21
S 22	11 56 42	0 <sup>h</sup> 53'45	10 <sup>h</sup> 9	10°35	9°27	3° 7	4°38	29°29	0°17	27° 5	1°53	11°13	9°57	0°33	19°53	S 22
S 23	12 0 38	1°53'40	21°58	10°D30	10°42	3°46	4°53	29°31	0°16	27° 6	1°53	11°14	9°53	0°40	19°57	S 23
M24	12 4 35	2°53'32	3 <sup>h</sup> 12 45	10°30	11°57	4°24	5° 7	29°33	0°15	27° 8	1°53	11°16	9°50	0°47	20° 1	M24
T 25	12 8 31	3°53'23	15°35	10°37	13°12	5° 3	5°22	29°36	0°14	27° 9	1°53	11°R16	9°47	0°53	20° 4	T 25
W26	12 12 28	4°53'11	27°33	10°49	14°26	5°42	5°37	29°39	0°13	27°10	1°54	11°14	9°44	1° 0	20° 8	W26
T 27	12 16 24	5°52'58	9 <sup>h</sup> 11 42	11° 7	15°41	6°21	5°51	29°41	0°12	27°11	1°54	11°10	9°41	1° 6	20°12	T 27
F 28	12 20 21	6°52'42	22° 4	11°30	16°56	6°59	6° 6	29°44	0°11	27°12	1°54	11° 4	9°37	1°13	20°16	F 28
S 29	12 24 17	7°52'24	4 <sup>h</sup> 11 41	11°58	18°10	7°38	6°20	29°47	0°10	27°13	1°54	10°56	9°34	1°20	20°20	S 29
S 30	12 28 14	8°52'04	17°34	12°30	19°25	8°17	6°35	29°50	0° 9	27°14	1°55	10°46	9°31	1°26	20°23	S 30
M31	12 32 11	9 <sup>h</sup> 51'42	0 <sup>h</sup> 11 42	13 <sup>h</sup> 6	20 <sup>h</sup> 39	8 <sup>h</sup> 11 55	6 <sup>h</sup> 49	29 <sup>h</sup> 11 53	0 <sup>h</sup> 8	27 <sup>h</sup> 15	1 <sup>h</sup> 55	10 <sup>h</sup> 12 35	9 <sup>h</sup> 12 28	1 <sup>h</sup> 12 33	20 <sup>h</sup> 27	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂	♂	♂	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s52	4n59	3n36	0n22	2n32	7s54	1s26	18n29	0n58	1s 7	1s 2	22n17	1s 4	19s54	0n16	20s 7	0n40	15n35	7s45	17n 4	17n24	19n19	0s34	4n18
S 2	7 29	0 42	4 20	0 33	2 46	7 26	1 27	18 40	0 58	1 1	1 2	22 17	1 4	19 54	0 16	20 6	0 40	15 35	7 45	17 5	17 24	19 19	0 33	4 18
M 3	7 6	3s40	4 52	0 39	2 59	6 57	1 27	18 51	0 59	0 55	1 2	22 18	1 3	19 54	0 16	20 6	0 40	15 36	7 45	17 6	17 25	19 18	0 31	4 18
T 4	6 43	7 57	5 10	0 41	3 10	6 28	1 27	19 2	1 0	0 50	1 2	22 18	1 3	19 54	0 16	20 6	0 40	15 36	7 45	17 8	17 26	19 18	0 30	4 17
W 5	6 20	11 56	5 11	0 37	3 20	5 59	1 27	19 12	1 0	0 44	1 2	22 18	1 3	19 54	0 16	20 5	0 40	15 36	7 44	17 9	17 27	19 17	0 29	4 17
T 6	5 57	15 23	4 56	0 28	3 28	5 29	1 27	19 22	1 1	0 38	1 2	22 18	1 3	19 54	0 16	20 5	0 40	15 36	7 44	17 10	17 28	19 17	0 27	4 17
F 7	5 34	18 4	4 24	0 15	3 34	5 0	1 27	19 33	1 1	0 33	1 2	22 18	1 3	19 54	0 16	20 5	0 40	15 36	7 44	17 10	17 29	19 16	0 26	4 17
S 8	5 10	19 45	3 36	0s 3	3 38	4 30	1 26	19 43	1 1	0 27	1 2	22 19	1 2	19 54	0 16	20 4	0 40	15 37	7 44	17 10	17 30	19 16	0 24	4 17
S 9	4 47	20 13	2 34	0 24	3 40	4 0	1 26	19 53	1 2	0 21	1 2	22 19	1 2	19 54	0 16	20 4	0 40	15 37	7 44	17 9	17 30	19 15	0 23	4 17
M10	4 23	19 22	1 21	0 49	3 40	3 30	1 26	20 3	1 2	0 16	1 2	22 19	1 2	19 54	0 16	20 4	0 40	15 37	7 43	17 9	17 31	19 15	0 21	4 17
T 11	4 0	17 13	0 2	1 16	3 37	3 0	1 25	20 12	1 3	0 10	1 2	22 19	1 2	19 54	0 16	20 3	0 40	15 37	7 43	17 9	17 32	19 14	0 20	4 17
W12	3 36	13 55	1s18	1 45	3 33	2 30	1 25	20 22	1 3	0 4	1 2	22 19	1 2	19 54	0 16	20 3	0 40	15 38	7 43	17 9	17 33	19 14	0 18	4 17
T 13	3 13	9 44	2 32	2 15	3 26	2 0	1 24	20 31	1 4	0n 2	1 2	22 20	1 1	19 54	0 16	20 3	0 40	15 38	7 43	17 10	17 34	19 13	0 17	4 17
F 14	2 49	5 1	3 35	2 46	3 17	1 29	1 24	20 40	1 4	0 7	1 2	22 20	1 1	19 54	0 16	20 2	0 40	15 38	7 43	17 11	17 35	19 13	0 15	4 17
S 15	2 25	0 6	4 24	3 16	3 7	0 59	1 23	20 49	1 5	0 13	1 2	22 20	1 1	19 53	0 16	20 2	0 40	15 38	7 42	17 13	17 36	19 12	0 14	4 17
S 16	2 1	4n42	4 55	3 46	2 56	0 29	1 22	20 58	1 5	0 19	1 2	22 20	1 1	19 53	0 16	20 2	0 40	15 38	7 42	17 15	17 36	19 12	0 12	4 17
M17	1 38	9 8	5 9	4 14	2 44	0n 2	1 22	21 7	1 5	0 24	1 2	22 21	1 1	19 53	0 16	20 2	0 40	15 39	7 42	17 17	17 37	19 11	0 11	4 17
T 18	1 14	12 59	5 5	4 41	2 31	0 32	1 21	21 16	1 6	0 30	1 2	22 21	1 0	19 53	0 16	20 1	0 40	15 39	7 42	17 19	17 38	19 10	0 9	4 17
W19	0 50	16 7	4 46	5 6	2 17	1 2	1 20	21 24	1 6	0 36	1 2	22 21	1 0	19 53	0 16	20 1	0 40	15 39	7 41	17 20	17 39	19 10	0 8	4 17
T 20	0 26	18 25	4 14	5 29	2 2	1 33	1 19	21 32	1 6	0 42	1 2	22 21	1 0	19 53	0 16	20 1	0 40	15 39	7 41	17 21	17 40	19 9	0 6	4 17
F 21	0 2	19 49	3 31	5 50	1 48	2 3	1 18	21 40	1 7	0 47	1 2	22 21	1 0	19 53	0 16	20 1	0 40	15 39	7 41	17 21	17 41	19 9	0 5	4 17
S 22	0n21	20 18	2 40	6 8	1 33	2 33	1 17	21 48	1 7	0 53	1 2	22 22	1 0	19 52	0 16	20 0	0 40	15 40	7 41	17 21	17 42	19 8	0 3	4 17
S 23	0 45	19 53	1 42	6 23	1 19	3 4	1 16	21 56	1 7	0 59	1 2	22 22	0 59	19 52	0 16	20 0	0 40	15 40	7 41	17 21	17 42	19 8	0 2	4 17
M24	1 9	18 35	0 40	6 37	1 4	3 34	1 14	22 3	1 8	1 5	1 2	22 22	0 59	19 52	0 16	20 0	0 40	15 40	7 40	17 20	17 43	19 7	0 0	4 17
T 25	1 32	16 29	0n23	6 47	0 50	4 4	1 13	22 11	1 8	1 10	1 2	22 22	0 59	19 52	0 16	20 0	0 41	15 40	7 40	17 20	17 44	19 7	0n 1	4 17
W26	1 56	13 38	1 27	6 56	0 36	4 34	1 12	22 18	1 8	1 16	1 2	22 22	0 59	19 52	0 16	19 59	0 41	15 41	7 40	17 21	17 45	19 6	0 2	4 17
T 27	2 20	10 10	2 27	7 2	0 22	5 4	1 10	22 25	1 9	1 22	1 2	22 23	0 59	19 51	0 16	19 59	0 41	15 41	7 40	17 22	17 46	19 5	0 4	4 17
F 28	2 43	6 13	3 21	7 5	0 9	5 34	1 9	22 32	1 9	1 28	1 2	22 23	0 58	19 51	0 16	19 59	0 41	15 41	7 39	17 23	17 47	19 5	0 5	4 17
S 29	3 7	1 55	4 6	7 6	0s 4	6 3	1 8	22 39	1 9	1 33	1 2	22 23	0 58	19 51	0 16	19 59	0 41	15 41	7 39	17 26	17 47	19 4	0 7	4 17
S 30	3 30	2s33	4 40	7 5	0 16	6 33	1 6	22 45	1 10	1 39	1 2	22 23	0 58	19 51	0 16	19 58	0 41	15 41	7 39	17 28	17 48	19 4	0 8	4 17
M31	3n54	6s59	5n 0	7s 2	0s28	7n 3	1s 4	22n52	1n10	1n45	1s 2	22n23	0s58	19s50	0n16	19s58	0n41	15n42	7s39	17n31	17n49	19n 3	0n10	4n17

## ASTRODIENST EPHEMERIS for the year 2651

APRIL 2651

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 36 7	10°51'19	14°11'2	13°47	21°54	9°34	7°4	29°57	0°R 6	27°16	1°55	10°R25	9°25	1°40	20°31	T 1
W 2	12 40 4	11°50'54	27°34	14°31	23° 8	10°13	7°18	29°59	0°R 5	27°17	1°56	10°R16	9°22	1°46	20°35	W 2
T 3	12 44 0	12°50'27	11°16	15°19	24°23	10°51	7°33	0°3	0° 3	27°18	1°56	10°10	9°18	1°53	20°38	T 3
F 4	12 47 57	13°49'58	25° 7	16°10	25°37	11°30	7°47	0° 7	0° 2	27°19	1°56	10° 6	9°15	2° 0	20°42	F 4
S 5	12 51 53	14°49'28	9°3	17° 5	26°52	12° 9	8° 2	0°11	0° 1	27°20	1°57	10°D 5	9°12	2° 6	20°46	S 5
S 6	12 55 50	15°48'55	23° 9	18° 2	28° 6	12°47	8°16	0°14	29°59	27°20	1°57	10° 5	9° 9	2°13	20°49	S 6
M 7	12 59 46	16°48'22	7°19	19° 2	29°21	13°26	8°31	0°18	29°57	27°21	1°58	10°R 5	9° 6	2°20	20°53	M 7
T 8	13 3 43	17°47'46	21°34	20° 5	0°35	14° 5	8°45	0°22	29°56	27°22	1°58	10° 5	9° 3	2°26	20°56	T 8
W 9	13 7 39	18°47'09	5°51	21°10	1°49	14°43	9° 0	0°26	29°54	27°23	1°59	10° 2	8°59	2°33	21° 0	W 9
T 10	13 11 36	19°46'30	20° 8	22°18	3° 4	15°22	9°14	0°30	29°52	27°23	1°59	9°57	8°56	2°39	21° 4	T 10
F 11	13 15 33	20°45'49	4°19	23°28	4°18	16° 1	9°29	0°34	29°51	27°24	2° 0	9°49	8°53	2°46	21° 7	F 11
S 12	13 19 29	21°45'06	18°21	24°40	5°32	16°39	9°43	0°39	29°49	27°24	2° 0	9°39	8°50	2°53	21°11	S 12
S 13	13 23 26	22°44'21	2°8	25°54	6°47	17°18	9°57	0°43	29°47	27°25	2° 1	9°27	8°47	2°59	21°14	S 13
M14	13 27 22	23°43'34	15°35	27°10	8° 1	17°56	10°12	0°47	29°45	27°26	2° 1	9°15	8°43	3° 6	21°18	M14
T 15	13 31 19	24°42'45	28°43	28°29	9°15	18°35	10°26	0°52	29°43	27°26	2° 2	9° 4	8°40	3°13	21°21	T 15
W16	13 35 15	25°41'54	11°28	29°49	10°29	19°14	10°40	0°57	29°41	27°27	2° 3	8°55	8°37	3°19	21°24	W16
T 17	13 39 12	26°41'01	23°54	1°10	11°43	19°52	10°55	1° 1	29°39	27°27	2° 3	8°48	8°34	3°26	21°28	T 17
F 18	13 43 8	27°40'05	6°4	2°34	12°58	20°31	11° 9	1° 6	29°37	27°27	2° 4	8°44	8°31	3°33	21°31	F 18
S 19	13 47 5	28°39'07	18° 1	3°59	14°12	21° 9	11°23	1°11	29°35	27°28	2° 5	8°42	8°28	3°39	21°34	S 19
S 20	13 51 2	29°38'07	29°51	5°27	15°26	21°48	11°37	1°16	29°33	27°28	2° 6	8°D42	8°24	3°46	21°38	S 20
M21	13 54 58	0°37'05	11°39	6°55	16°40	22°26	11°52	1°21	29°31	27°28	2° 6	8°R42	8°21	3°53	21°41	M21
T 22	13 58 55	1°36'00	23°30	8°26	17°54	23° 5	12° 6	1°26	29°29	27°29	2° 7	8°41	8°18	3°59	21°44	T 22
W23	14 2 51	2°34'53	5°11	9°58	19° 8	23°43	12°20	1°31	29°27	27°29	2° 8	8°39	8°15	4° 6	21°47	W23
T 24	14 6 48	3°33'44	17°45	11°32	20°22	24°22	12°34	1°37	29°25	27°29	2° 9	8°34	8°12	4°13	21°50	T 24
F 25	14 10 44	4°32'33	0°17	13° 7	21°36	25° 0	12°48	1°42	29°23	27°29	2° 9	8°27	8° 9	4°19	21°54	F 25
S 26	14 14 41	5°31'20	13° 7	14°44	22°49	25°39	13° 2	1°47	29°20	27°29	2°10	8°17	8° 5	4°26	21°57	S 26
S 27	14 18 37	6°30'04	26°18	16°22	24° 3	26°17	13°16	1°53	29°18	27°30	2°11	8° 5	8° 2	4°32	22° 0	S 27
M28	14 22 34	7°28'47	9°14	18° 2	25°17	26°56	13°30	1°58	29°16	27°30	2°12	7°52	7°59	4°39	22° 3	M28
T 29	14 26 31	8°27'28	23°34	19°44	26°31	27°34	13°44	2° 4	29°14	27°30	2°13	7°40	7°56	4°46	22° 6	T 29
W30	14 30 27	9°26'06	7°32	21°28	27°45	28°13	13°58	2°10	29°11	27°R30	2°14	7°29	7°53	4°52	22° 9	W30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	4n17	11s 9	5n 4	6s57	0s39	7n32	1s 3	22n58	1n10	1n50	1s 2	22n24	0s58	19s50	0n16	19s58
W 2	4 40	14 49	4 51	6 50	0 50	8 1	1 1	23 4	1 10	1 56	1 2	22 24	0 57	19 50	0 16	19 58
T 3	5 3	17 44	4 21	6 41	1 0	8 30	0 59	23 10	1 11	2 2	1 2	22 24	0 57	19 49	0 16	19 58
F 4	5 26	19 40	3 36	6 30	1 10	8 59	0 58	23 15	1 11	2 7	1 2	22 24	0 57	19 49	0 16	19 57
S 5	5 49	20 26	2 37	6 18	1 19	9 27	0 56	23 21	1 11	2 13	1 2	22 24	0 57	19 49	0 16	19 57
S 6	6 12	19 55	1 29	6 3	1 27	9 55	0 54	23 26	1 11	2 19	1 2	22 25	0 57	19 49	0 16	19 57
M 7	6 35	18 8	0 15	5 47	1 36	10 23	0 52	23 31	1 12	2 24	1 2	22 25	0 56	19 48	0 16	19 57
T 8	6 58	15 14	1s 1	5 30	1 43	10 51	0 50	23 36	1 12	2 30	1 2	22 25	0 56	19 48	0 16	19 57
W 9	7 20	11 23	2 13	5 11	1 50	11 19	0 48	23 41	1 12	2 36	1 3	22 25	0 56	19 48	0 16	19 57
T 10	7 42	6 54	3 16	4 50	1 57	11 46	0 46	23 45	1 12	2 41	1 3	22 25	0 56	19 47	0 16	19 57
F 11	8 5	2 4	4 6	4 28	2 3	12 13	0 44	23 49	1 13	2 47	1 3	22 25	0 56	19 47	0 16	19 56
S 12	8 27	2n49	4 41	4 5	2 8	12 40	0 42	23 54	1 13	2 53	1 3	22 26	0 56	19 46	0 16	19 56
S 13	8 49	7 29	4 59	3 40	2 13	13 6	0 39	23 58	1 13	2 58	1 3	22 26	0 55	19 46	0 16	19 56
M14	9 11	11 40	5 0	3 14	2 18	13 33	0 37	24 1	1 13	3 4	1 3	22 26	0 55	19 46	0 16	19 56
T 15	9 32	15 10	4 44	2 47	2 22	13 58	0 35	24 5	1 13	3 9	1 3	22 26	0 55	19 45	0 16	19 56
W16	9 54	17 52	4 15	2 18	2 25	14 24	0 33	24 8	1 13	3 15	1 3	22 26	0 55	19 45	0 16	19 56
T 17	10 15	19 39	3 34	1 48	2 28	14 49	0 30	24 12	1 14	3 20	1 3	22 26	0 55	19 44	0 16	19 56
F 18	10 36	20 29	2 44	1 17	2 31	15 14	0 28	24 15	1 14	3 26	1 3	22 26	0 55	19 44	0 16	19 56
S 19	10 57	20 22	1 47	0 45	2 33	15 38	0 26	24 17	1 14	3 31	1 3	22 27	0 54	19 44	0 16	19 56
S 20	11 18	19 21	0 47	0 12	2 34	16 2	0 23	24 20	1 14	3 37	1 3	22 27	0 54	19 43	0 16	19 55
M21	11 39	17 29	0n16	0n22	2 35	16 25	0 21	24 22	1 14	3 42	1 3	22 27	0 54	19 43	0 16	19 55
T 22	11 59	14 52	1 18	0 57	2 35	16 48	0 18	24 25	1 14	3 48	1 3	22 27	0 54	19 42	0 16	19 55
W23	12 20	11 35	2 17	1 33	2 35	17 11	0 16	24 27	1 15	3 53	1 3	22 27	0 54	19 42	0 16	19 55
T 24	12 40	7 45	3 11	2 10	2 35	17 33	0 13	24 29	1 15	3 58	1 3	22 27	0 54	19 41	0 16	19 55
F 25	12 59	3 31	3 57	2 48	2 33	17 55	0 11	24 30	1 15	4 4	1 3	22 27	0 53	19 41	0 16	19 55
S 26	13 19	0s59	4 32	3 27	2 32	18 17	0 8	24 32	1 15	4 9	1 4	22 27	0 53	19 40	0 16	19 55
S 27	13 38	5 32	4 54	4 7	2 30	18 37	0 6	24 33	1 15	4 14	1 4	22 27	0 53	19 40	0 16	19 55
M28	13 57	9 57	5 0	4 47	2 27	18 58	0 3	24 34	1 15	4 20	1 4	22 27	0 53	19 39	0 16	19 55
T 29	14 16	13 55	4 49	5 28	2 24	19 18	0 1	24 35	1 15	4 25	1 4	22 28	0 53	19 39	0 16	19 55
W30	14n35	17s12	4n21	6n10	2s20	19n37	0n 2	24n36	1n15	4n30	1s 4	22n28	0s53	19s38	0n16	19s55

Julian Day Number = 2689407.5, Delta T = 23m40s

Ecliptic obliquity = 23°21'12", Nutation = - 0°00'14"

Ayanamsha: Fagan/Bradley = 33°51'00", Lahiri = 32°58'00"



## ASTRODIENST EPHEMERIS for the year 2651

JUNE 2651

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 36 37	10 <sup>11</sup> 28'00	14 <sup>55</sup> 51	26 <sup>11</sup> 11	6 <sup>58</sup> 47	18 <sup>53</sup> 36	20 <sup>17</sup> 51	5 <sup>58</sup> 41	27 <sup>10</sup> R52	27 <sup>10</sup> R13	2 <sup>58</sup> 50	4 <sup>40</sup> 43	6 <sup>40</sup> 11	8 <sup>40</sup> 25	23 <sup>11</sup> 20	S 1
M 2	16 40 33	11 <sup>25</sup> 45	29 <sup>0</sup> 6	28 <sup>0</sup> 2	8 <sup>0</sup> 0	19 <sup>14</sup> 14	21 <sup>0</sup> 3	5 <sup>49</sup> 49	27 <sup>10</sup> M49	27 <sup>10</sup> Z12	2 <sup>52</sup> 52	4 <sup>44</sup> 44	6 <sup>0</sup> 8	8 <sup>32</sup> 32	23 <sup>21</sup> 21	M 2
T 3	16 44 30	12 <sup>23</sup> 29	13 <sup>11</sup> 10	29 <sup>50</sup> 9	9 <sup>13</sup> 13	19 <sup>52</sup> 52	21 <sup>14</sup> 14	5 <sup>56</sup> 56	27 <sup>10</sup> 47	27 <sup>10</sup> 11	2 <sup>53</sup> 53	4 <sup>44</sup> R44	6 <sup>0</sup> 5	8 <sup>38</sup> 38	23 <sup>23</sup> 23	T 3
W 4	16 48 27	13 <sup>21</sup> 12	27 <sup>0</sup> 1	19 <sup>35</sup> 35	10 <sup>25</sup> 25	20 <sup>30</sup> 30	21 <sup>26</sup> 26	6 <sup>0</sup> 3	27 <sup>10</sup> 45	27 <sup>10</sup> 10	2 <sup>54</sup> 54	4 <sup>43</sup> 43	6 <sup>0</sup> 1	8 <sup>45</sup> 45	23 <sup>24</sup> 24	W 4
T 5	16 52 23	14 <sup>18</sup> 54	10 <sup>17</sup> 40	3 <sup>17</sup> 17	11 <sup>38</sup> 38	21 <sup>0</sup> 8	21 <sup>37</sup> 37	6 <sup>11</sup> 11	27 <sup>10</sup> 42	27 <sup>10</sup> 9	2 <sup>56</sup> 56	4 <sup>41</sup> 41	5 <sup>58</sup> 58	8 <sup>52</sup> 52	23 <sup>25</sup> 25	T 5
F 6	16 56 20	15 <sup>16</sup> 35	24 <sup>0</sup> 6	4 <sup>56</sup> 56	12 <sup>50</sup> 50	21 <sup>46</sup> 46	21 <sup>49</sup> 49	6 <sup>18</sup> 18	27 <sup>10</sup> 40	27 <sup>10</sup> 8	2 <sup>57</sup> 57	4 <sup>36</sup> 36	5 <sup>55</sup> 55	8 <sup>58</sup> 58	23 <sup>26</sup> 26	F 6
S 7	17 0 16	16 <sup>14</sup> 14	7 <sup>18</sup> 19	6 <sup>32</sup> 32	14 <sup>0</sup> 3	22 <sup>24</sup> 24	22 <sup>0</sup> 0	6 <sup>26</sup> 26	27 <sup>10</sup> 37	27 <sup>10</sup> 7	2 <sup>58</sup> 58	4 <sup>29</sup> 29	5 <sup>52</sup> 52	9 <sup>0</sup> 5	23 <sup>27</sup> 27	S 7
S 8	17 4 13	17 <sup>11</sup> 53	20 <sup>19</sup> 19	8 <sup>0</sup> 5	15 <sup>15</sup> 15	23 <sup>0</sup> 2	22 <sup>11</sup> 11	6 <sup>33</sup> 33	27 <sup>10</sup> 35	27 <sup>10</sup> 6	3 <sup>0</sup> 0	4 <sup>21</sup> 21	5 <sup>49</sup> 49	9 <sup>12</sup> 12	23 <sup>29</sup> 29	S 8
M 9	17 8 9	18 <sup>0</sup> 9'31	3 <sup>11</sup> 6	9 <sup>35</sup> 35	16 <sup>27</sup> 27	23 <sup>40</sup> 40	22 <sup>22</sup> 22	6 <sup>41</sup> 41	27 <sup>10</sup> 33	27 <sup>10</sup> 5	3 <sup>0</sup> 1	4 <sup>13</sup> 13	5 <sup>46</sup> 46	9 <sup>18</sup> 18	23 <sup>30</sup> 30	M 9
T 10	17 12 6	19 <sup>0</sup> 7'08	15 <sup>40</sup> 40	11 <sup>0</sup> 2	17 <sup>40</sup> 40	24 <sup>18</sup> 18	22 <sup>33</sup> 33	6 <sup>48</sup> 48	27 <sup>10</sup> 30	27 <sup>10</sup> 4	3 <sup>0</sup> 3	4 <sup>0</sup> 5	5 <sup>42</sup> 42	9 <sup>25</sup> 25	23 <sup>31</sup> 31	T 10
W 11	17 16 2	20 <sup>0</sup> 4'44	28 <sup>0</sup> 2	12 <sup>25</sup> 25	18 <sup>52</sup> 52	24 <sup>56</sup> 56	22 <sup>44</sup> 44	6 <sup>56</sup> 56	27 <sup>10</sup> 28	27 <sup>10</sup> 2	3 <sup>0</sup> 4	3 <sup>59</sup> 59	5 <sup>39</sup> 39	9 <sup>31</sup> 31	23 <sup>32</sup> 32	W 11
T 12	17 19 59	21 <sup>0</sup> 2'19	10 <sup>58</sup> 11	13 <sup>46</sup> 46	20 <sup>0</sup> 4	25 <sup>34</sup> 34	22 <sup>55</sup> 55	7 <sup>0</sup> 4	27 <sup>10</sup> 26	27 <sup>10</sup> 1	3 <sup>0</sup> 5	3 <sup>54</sup> 54	5 <sup>36</sup> 36	9 <sup>38</sup> 38	23 <sup>32</sup> 32	T 12
F 13	17 23 56	21 <sup>0</sup> 59'53	22 <sup>0</sup> 11	15 <sup>0</sup> 3	21 <sup>16</sup> 16	26 <sup>12</sup> 12	23 <sup>0</sup> 6	7 <sup>11</sup> 11	27 <sup>10</sup> 24	27 <sup>10</sup> 0	3 <sup>0</sup> 7	3 <sup>52</sup> 52	5 <sup>33</sup> 33	9 <sup>45</sup> 45	23 <sup>33</sup> 33	F 13
S 14	17 27 52	22 <sup>0</sup> 57'25	4 <sup>40</sup> 3	16 <sup>16</sup> 16	22 <sup>28</sup> 28	26 <sup>50</sup> 50	23 <sup>16</sup> 16	7 <sup>19</sup> 19	27 <sup>10</sup> 21	26 <sup>59</sup> 59	3 <sup>0</sup> 8	3 <sup>0</sup> D51	5 <sup>30</sup> 30	9 <sup>51</sup> 51	23 <sup>34</sup> 34	S 14
S 15	17 31 49	23 <sup>0</sup> 54'56	15 <sup>50</sup> 50	17 <sup>26</sup> 26	23 <sup>41</sup> 41	27 <sup>28</sup> 28	23 <sup>27</sup> 27	7 <sup>27</sup> 27	27 <sup>10</sup> 19	26 <sup>57</sup> 57	3 <sup>10</sup> 10	3 <sup>51</sup> 51	5 <sup>26</sup> 26	9 <sup>58</sup> 58	23 <sup>35</sup> 35	S 15
M 16	17 35 45	24 <sup>0</sup> 52'26	27 <sup>38</sup> 38	18 <sup>33</sup> 33	24 <sup>53</sup> 53	28 <sup>0</sup> 6	23 <sup>37</sup> 37	7 <sup>34</sup> 34	27 <sup>10</sup> 17	26 <sup>56</sup> 56	3 <sup>11</sup> 11	3 <sup>53</sup> 53	5 <sup>23</sup> 23	10 <sup>0</sup> 5	23 <sup>35</sup> 35	M 16
T 17	17 39 42	25 <sup>0</sup> 49'55	9 <sup>11</sup> 29	19 <sup>37</sup> 37	26 <sup>0</sup> 5	28 <sup>44</sup> 44	23 <sup>47</sup> 47	7 <sup>42</sup> 42	27 <sup>10</sup> 15	26 <sup>55</sup> 55	3 <sup>12</sup> 12	3 <sup>54</sup> 54	5 <sup>20</sup> 20	10 <sup>11</sup> 11	23 <sup>36</sup> 36	T 17
W 18	17 43 38	26 <sup>0</sup> 47'23	21 <sup>30</sup> 30	20 <sup>36</sup> 36	27 <sup>17</sup> 17	29 <sup>22</sup> 22	23 <sup>58</sup> 58	7 <sup>50</sup> 50	27 <sup>10</sup> 13	26 <sup>53</sup> 53	3 <sup>14</sup> 14	3 <sup>0</sup> R55	5 <sup>17</sup> 17	10 <sup>18</sup> 18	23 <sup>36</sup> 36	W 18
T 19	17 47 35	27 <sup>0</sup> 44'49	3 <sup>45</sup> 45	21 <sup>32</sup> 32	28 <sup>28</sup> 28	0 <sup>0</sup> 0	24 <sup>0</sup> 8	7 <sup>57</sup> 57	27 <sup>10</sup> 11	26 <sup>52</sup> 52	3 <sup>15</sup> 15	3 <sup>55</sup> 55	5 <sup>14</sup> 14	10 <sup>25</sup> 25	23 <sup>37</sup> 37	T 19
F 20	17 51 31	28 <sup>0</sup> 42'14	16 <sup>19</sup> 19	22 <sup>25</sup> 25	29 <sup>40</sup> 40	0 <sup>38</sup> 38	24 <sup>18</sup> 18	8 <sup>0</sup> 5	27 <sup>10</sup> 9	26 <sup>51</sup> 51	3 <sup>17</sup> 17	3 <sup>54</sup> 54	5 <sup>11</sup> 11	10 <sup>31</sup> 31	23 <sup>37</sup> 37	F 20
S 21	17 55 28	29 <sup>0</sup> 39'39	29 <sup>16</sup> 16	23 <sup>13</sup> 13	0 <sup>0</sup> 52	1 <sup>16</sup> 16	24 <sup>27</sup> 27	8 <sup>13</sup> 13	27 <sup>10</sup> 7	26 <sup>49</sup> 49	3 <sup>18</sup> 18	3 <sup>51</sup> 51	5 <sup>0</sup> 7	10 <sup>38</sup> 38	23 <sup>38</sup> 38	S 21
S 22	17 59 25	0 <sup>53</sup> 7'02	12 <sup>11</sup> 38	23 <sup>58</sup> 58	2 <sup>0</sup> 4	1 <sup>54</sup> 54	24 <sup>37</sup> 37	8 <sup>21</sup> 21	27 <sup>10</sup> 5	26 <sup>48</sup> 48	3 <sup>19</sup> 19	3 <sup>47</sup> 47	5 <sup>0</sup> 4	10 <sup>45</sup> 45	23 <sup>38</sup> 38	S 22
M 23	18 3 21	1 <sup>34</sup> 24	26 <sup>28</sup> 28	24 <sup>39</sup> 39	3 <sup>16</sup> 16	2 <sup>32</sup> 32	24 <sup>47</sup> 47	8 <sup>28</sup> 28	27 <sup>10</sup> 3	26 <sup>47</sup> 47	3 <sup>21</sup> 21	3 <sup>42</sup> 42	5 <sup>0</sup> 1	10 <sup>51</sup> 51	23 <sup>38</sup> 38	M 23
T 24	18 7 18	2 <sup>31</sup> 46	10 <sup>11</sup> 42	25 <sup>15</sup> 15	4 <sup>27</sup> 27	3 <sup>10</sup> 10	24 <sup>56</sup> 56	8 <sup>36</sup> 36	27 <sup>10</sup> 1	26 <sup>45</sup> 45	3 <sup>22</sup> 22	3 <sup>38</sup> 38	4 <sup>58</sup> 58	10 <sup>58</sup> 58	23 <sup>38</sup> 38	T 24
W 25	18 11 14	3 <sup>29</sup> 06	25 <sup>18</sup> 18	25 <sup>48</sup> 48	5 <sup>39</sup> 39	3 <sup>48</sup> 48	25 <sup>0</sup> 5	8 <sup>44</sup> 44	26 <sup>59</sup> 59	26 <sup>44</sup> 44	3 <sup>24</sup> 24	3 <sup>34</sup> 34	4 <sup>55</sup> 55	11 <sup>0</sup> 4	23 <sup>39</sup> 39	W 25
T 26	18 15 11	4 <sup>26</sup> 26	10 <sup>13</sup> 8	26 <sup>16</sup> 16	6 <sup>50</sup> 50	4 <sup>25</sup> 25	25 <sup>15</sup> 15	8 <sup>52</sup> 52	26 <sup>57</sup> 57	26 <sup>42</sup> 42	3 <sup>25</sup> 25	3 <sup>31</sup> 31	4 <sup>52</sup> 52	11 <sup>11</sup> 11	23 <sup>39</sup> 39	T 26
F 27	18 19 7	5 <sup>23</sup> 45	25 <sup>0</sup> 5	26 <sup>39</sup> 39	8 <sup>0</sup> 2	5 <sup>0</sup> 3	25 <sup>24</sup> 24	8 <sup>59</sup> 59	26 <sup>55</sup> 55	26 <sup>41</sup> 41	3 <sup>26</sup> 26	3 <sup>30</sup> 30	4 <sup>48</sup> 48	11 <sup>18</sup> 18	23 <sup>39</sup> 39	F 27
S 28	18 23 4	6 <sup>21</sup> 04	10 <sup>18</sup> 0	26 <sup>58</sup> 58	9 <sup>13</sup> 13	5 <sup>41</sup> 41	25 <sup>33</sup> 33	9 <sup>0</sup> 7	26 <sup>54</sup> 54	26 <sup>39</sup> 39	3 <sup>28</sup> 28	3 <sup>0</sup> D29	4 <sup>45</sup> 45	11 <sup>24</sup> 24	23 <sup>39</sup> 39	S 28
S 29	18 27 1	7 <sup>18</sup> 22	24 <sup>47</sup> 47	27 <sup>13</sup> 13	10 <sup>25</sup> 25	6 <sup>19</sup> 19	25 <sup>42</sup> 42	9 <sup>15</sup> 15	26 <sup>52</sup> 52	26 <sup>38</sup> 38	3 <sup>29</sup> 29	3 <sup>30</sup> 30	4 <sup>42</sup> 42	11 <sup>31</sup> 31	23 <sup>39</sup> 39	S 29
M 30	18 30 57	8 <sup>51</sup> 5'40	9 <sup>11</sup> 20	27 <sup>53</sup> 53	11 <sup>36</sup> 36	6 <sup>57</sup> 57	25 <sup>17</sup> 50	9 <sup>23</sup> 23	26 <sup>11</sup> 50	26 <sup>36</sup> 36	3 <sup>31</sup> 31	3 <sup>32</sup> 32	4 <sup>40</sup> 40	11 <sup>38</sup> 38	23 <sup>11</sup> 39	M 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	21n56	17s11	0s54	25n18	2n 0	24n30	1n20	23n20	1n16	7n 4	1s 8	22n26	0s48	19s21	0n16	19s58	0n41	15n51	7s28	19n 1	18n40	18n17	1n24	4n24			
M 2	22 4	13 44	2 7	25 24	2 4	24 28	1 22	23 14	1 16	7 8	1 8	22 26	0 48	19 21	0 16	19 58	0 41	15 51	7 28	19 1	18 40	18 16	1 25	4 24			
T 3	22 12	9 33	3 12	25 29	2 7	24 25	1 24	23 9	1 16	7 12	1 8	22 25	0 48	19 20	0 16	19 58	0 41	15 51	7 28	19 1	18 41	18 16	1 25	4 24			
W 4	22 19	4 55	4 4	25 30	2 10	24 22	1 25	23 3	1 16	7 16	1 8	22 25	0 48	19 20	0 16	19 58	0 41	15 52	7 28	19 1	18 42	18 15	1 26	4 24			
T 5	22 26	0 7	4 41	25 30	2 11	24 18	1 27	22 57	1 16	7 21	1 8	22 25	0 48	19 19	0 16	19 59	0 41	15 52	7 28	19 2	18 43	18 14	1 27	4 24			
F 6	22 33	4n37	5 2	25 28	2 12	24 13	1 29	22 51	1 16	7 25	1 8	22 25	0 48	19 19	0 16	19 59	0 41	15 52	7 28	19 3	18 43	18 13	1 27	4 25			
S 7	22 39	9 3	5 7	25 23	2 12	24 7	1 31	22 45	1 16	7 29	1 9	22 24	0 48	19 18	0 16	19 59	0 41	15 52	7 28	19 4	18 44	18 12	1 28	4 25			
S 8	22 44	13 0	4 56	25 17	2 11	24 1	1 32	22 39	1 16	7 33	1 9	22 24	0 47	19 18	0 16	19 59	0 41	15 52	7 27	19 6	18 45	18 11	1 29	4 25			
M 9	22 50	16 17	4 30	25 9	2 9	23 54	1 34	22 32	1 16	7 37	1 9	22 24	0 47	19 17	0 16	19 59	0 41	15 52	7 27	19 8	18 46	18 10	1 29	4 25			
T 10	22 55	18 45	3 51	25 0	2 7	23 46	1 35	22 25	1 16	7 41	1 9	22 24	0 47	19 17	0 16	20 0	0 41	15 52	7 27	19 10	18 47	18 9	1 30	4 25			
W 11	22 59	20 19	3 2	24 49	2 3	23 38	1 37	22 19	1 16	7 44	1 9	22 23	0 47	19 16	0 16	20 0	0 41	15 52	7 27	19 11	18 47	18 8	1 30	4 26			
T 12	23 3	20 53	2 5	24 37	1 59	23 29	1 38	22 12	1 16	7 48	1 9	22 23	0 47	19 16	0 16	20 0	0 41	15 52	7 27	19 13	18 48	18 7	1 31	4 26			
F 13	23 7	20 30	1 3	24 24	1 54	23 19	1 40	22 4	1 16	7 52	1 10	22 23	0 47	19 15	0 16	20 0	0 41	15 52	7 27	19 13	18 49	18 7	1 31	4 26			
S 14	23 10	19 12	0n 1	24 10	1 48	23 9	1 41	21 57	1 16	7 56	1 10	22 22	0 47	19 15	0 16	20 1	0 41	15 52	7 27	19 13	18 50	18 6	1 32	4 26			
S 15	23 13	17 4	1 5	23 54	1 42	22 58	1 42	21 50	1 16	7 59	1 10	22 22	0 47	19 14	0 16	20 1	0 41	15 52	7 27	19 13	18 50	18 5	1 32	4 26			
M 16	23 15	14 14	2 6	23 38	1 35	22 46	1 43	21 42	1 16	8 3	1 10	22 22	0 47	19 14	0 16	20 1	0 41	15 52	7 27	19 13	18 51	18 4	1 33	4 26			
T 17	23 17	10 48	3 2	23 21	1 26	22 34	1 44	21 34	1 15	8 7	1 10	22 21	0 46	19 13	0 16	20 1	0 41	15 52	7 27	19 12	18 52	18 3	1 33	4 27			
W 18	23 19	6 54	3 51	23 3	1 18	22 21	1 45	21 26	1 15	8 10	1 10	22 21	0 46	19 13	0 16	20 2	0 41	15 52	7 27	19 12	18 53	18 2	1 34	4 27			
T 19	23 20	2 39	4 30	22 45	1 8	22 7	1 46	21 18	1 15	8 14	1 11	22 21	0 46	19 12	0 16	20 2	0 41	15 52	7 27	19 12	18 54	18 1	1 34	4 27			
F 20	23 21	1s48	4 58	22 27	0 58	21 53	1 47	21 10	1 15	8 17	1 11	22 20	0 46	19 12	0 16	20 2	0 41	15 52	7 27	19 13	18 54	18 0	1 34	4 27			
S 21	23 21	6 19	5 11	22 8	0 47	21 39	1 48	21 2	1 15	8 21	1 11	22 20	0 46	19 11	0 16	20 2	0 41	15 52	7 27	19 13	18 55	17 59	1 35	4 27			
S 22	23 21	10 40	5 9	21 48	0 35	21 23	1 48	20 53	1 15	8 24	1 11	22 20	0 46	19 11	0 16	20 3	0 41	15 52	7 26	19 14	18 56	17 58	1 35	4 28			
M 23	23 21	14 37	4 48	21 29	0 22	21 8	1 49	20 44	1 15	8 27	1 11	22 19	0 46	19 11	0 16	20 3	0 41	15 52	7 26	19 15	18 57	17 57	1 35	4 28			
T 24	23 20	17 51	4 10	21 10	0 9	20 51	1 50	20 36	1 15	8 30	1 12	22 19	0 46	19 10	0 16	20 3	0 41	15 52	7 26	19 16	18 57	17 56	1 35	4 28			
W 25	23 18	20 2	3 14	20 50	0s 4	20 34	1 50	20 27	1 15	8 34	1 12	22 18	0 46	19 10	0 16	20 3	0 41	15 52	7 26	19 17	18 58	17 55	1 36	4 28			
T 26	23 17	20 54	2 5	20 31	0 19	20 17	1 50	20 18	1 15	8 37	1 12	22 18	0 46	19 9	0 16	20 4	0 41	15 52	7 26	19 18	18 59	17 54	1 36	4 28			
F 27	23 15	20 17	0 46	20 12	0 33	19 59	1 51	20 8	1 14	8 40	1 12	22 18	0 46	19 9	0 15	20 4	0 41	15 52	7 26	19 18	19 0	17 53	1 36	4 29			
S 28	23 12	18 15	0s36	19 54	0 49	19 40	1 51	19 59	1 14	8 43	1 12	22 17	0 45	19 9	0 15	20 4	0 41	15 52	7 26	19 18	19 0	17 52	1 36	4 29			
S 29	23 9	15 1	1 55	19 35	1 4	19 21	1 51	19 49	1 14	8 46	1 13	22 17	0 45	19 8	0 15	20 5	0 41	15 52	7 26	19 18	19 1	17 51	1 36	4 29			
M 30	23n 6	10s54	3s 5	19n18	1s20	19n 1	1n51	19n40	1n14	8n49	1s13	22n16	0s45	19s 8	0n15	20s 5	0n41	15n52	7s26	19n18	19n 2	17n50	1n36	4n29			

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 34 54	9 <sup>58</sup> 12'58"	23 <sup>38</sup> 34	27 <sup>58</sup> 29	12 <sup>04</sup> 47	7 <sup>01</sup> 35	25 <sup>57</sup> 59	9 <sup>58</sup> 31	26 <sup>04</sup> 49	26 <sup>03</sup> 35	3 <sup>58</sup> 32	3 <sup>01</sup> 33	4 <sup>01</sup> 36	11 <sup>01</sup> 44	23 <sup>03</sup> R38	T 1
W 2	18 38 50	10 <sup>10</sup> 10'16"	7 <sup>07</sup> 29	27 <sup>03</sup> R30	13 <sup>58</sup>	8 <sup>13</sup>	26 <sup>0</sup> 7	9 <sup>38</sup>	26 <sup>04</sup> 47	26 <sup>03</sup> 33	3 <sup>34</sup>	3 <sup>03</sup> R34	4 <sup>32</sup>	11 <sup>51</sup>	23 <sup>38</sup> 38	W 2
T 3	18 42 47	11 <sup>0</sup> 7'33"	21 <sup>0</sup> 4	27 <sup>27</sup> 27	15 <sup>0</sup> 9	8 <sup>51</sup>	26 <sup>16</sup> 16	9 <sup>46</sup>	26 <sup>04</sup> 45	26 <sup>03</sup> 32	3 <sup>35</sup>	3 <sup>03</sup> 33	4 <sup>29</sup>	11 <sup>58</sup>	23 <sup>38</sup>	T 3
F 4	18 46 43	12 <sup>0</sup> 4'50"	4 <sup>8</sup> 20	27 <sup>19</sup>	16 <sup>20</sup> 9	9 <sup>28</sup>	26 <sup>02</sup> 24	9 <sup>54</sup>	26 <sup>04</sup> 44	26 <sup>03</sup> 30	3 <sup>36</sup>	3 <sup>32</sup>	4 <sup>26</sup>	12 <sup>0</sup> 4	23 <sup>37</sup>	F 4
S 5	18 50 40	13 <sup>0</sup> 2'07"	17 <sup>19</sup>	27 <sup>0</sup> 6	17 <sup>31</sup>	10 <sup>0</sup> 6	26 <sup>03</sup> 32	10 <sup>0</sup> 2	26 <sup>04</sup> 42	26 <sup>02</sup> 29	3 <sup>38</sup>	3 <sup>30</sup>	4 <sup>23</sup>	12 <sup>11</sup>	23 <sup>37</sup>	S 5
S 6	18 54 36	13 <sup>59</sup> 24	0 <sup>II</sup> 1	26 <sup>50</sup>	18 <sup>42</sup>	10 <sup>44</sup>	26 <sup>04</sup> 40	10 <sup>10</sup>	26 <sup>04</sup> 41	26 <sup>02</sup> 27	3 <sup>39</sup>	3 <sup>27</sup>	4 <sup>20</sup>	12 <sup>18</sup>	23 <sup>36</sup>	S 6
M 7	18 58 33	14 <sup>56</sup> 41	12 <sup>31</sup>	26 <sup>30</sup>	19 <sup>53</sup>	11 <sup>22</sup>	26 <sup>04</sup> 48	10 <sup>17</sup>	26 <sup>03</sup> 39	26 <sup>02</sup> 25	3 <sup>41</sup>	3 <sup>24</sup>	4 <sup>17</sup>	12 <sup>24</sup>	23 <sup>36</sup>	M 7
T 8	19 2 30	15 <sup>53</sup> 57	24 <sup>48</sup>	26 <sup>0</sup> 6	21 <sup>0</sup> 4	12 <sup>0</sup> 0	26 <sup>05</sup> 55	10 <sup>25</sup>	26 <sup>03</sup> 38	26 <sup>02</sup> 24	3 <sup>42</sup>	3 <sup>22</sup>	4 <sup>13</sup>	12 <sup>31</sup>	23 <sup>35</sup>	T 8
W 9	19 6 26	16 <sup>51</sup> 14	6 <sup>55</sup> 55	25 <sup>39</sup>	22 <sup>15</sup>	12 <sup>38</sup>	27 <sup>0</sup> 3	10 <sup>33</sup>	26 <sup>03</sup> 37	26 <sup>02</sup> 22	3 <sup>43</sup>	3 <sup>20</sup>	4 <sup>10</sup>	12 <sup>38</sup>	23 <sup>35</sup>	W 9
T 10	19 10 23	17 <sup>48</sup> 30	18 <sup>54</sup>	25 <sup>0</sup> 9	23 <sup>26</sup>	13 <sup>16</sup>	27 <sup>10</sup>	10 <sup>41</sup>	26 <sup>03</sup> 35	26 <sup>02</sup> 21	3 <sup>45</sup>	3 <sup>18</sup>	4 <sup>0</sup> 7	12 <sup>44</sup>	23 <sup>34</sup>	T 10
F 11	19 14 19	18 <sup>45</sup> 46	0 <sup>II</sup> 46	24 <sup>36</sup>	24 <sup>36</sup>	13 <sup>53</sup>	27 <sup>17</sup>	10 <sup>49</sup>	26 <sup>03</sup> 34	26 <sup>01</sup> 19	3 <sup>46</sup>	3 <sup>0D</sup> 18	4 <sup>0</sup> 4	12 <sup>51</sup>	23 <sup>33</sup>	F 11
S 12	19 18 16	19 <sup>43</sup> 02	12 <sup>35</sup>	24 <sup>0</sup> 2	25 <sup>47</sup>	14 <sup>31</sup>	27 <sup>24</sup>	10 <sup>56</sup>	26 <sup>03</sup> 33	26 <sup>01</sup> 17	3 <sup>47</sup>	3 <sup>18</sup>	4 <sup>0</sup> 1	12 <sup>57</sup>	23 <sup>32</sup>	S 12
S 13	19 22 12	20 <sup>40</sup> 18	24 <sup>21</sup>	23 <sup>26</sup>	26 <sup>57</sup>	15 <sup>0</sup> 9	27 <sup>31</sup>	11 <sup>0</sup> 4	26 <sup>03</sup> 32	26 <sup>01</sup> 16	3 <sup>49</sup>	3 <sup>19</sup>	3 <sup>58</sup>	13 <sup>0</sup> 4	23 <sup>32</sup>	S 13
M14	19 26 9	21 <sup>37</sup> 33	6 <sup>10</sup> 9	22 <sup>49</sup>	28 <sup>0</sup> 8	15 <sup>47</sup>	27 <sup>38</sup>	11 <sup>12</sup>	26 <sup>03</sup> 31	26 <sup>01</sup> 14	3 <sup>50</sup>	3 <sup>20</sup>	3 <sup>54</sup>	13 <sup>11</sup>	23 <sup>31</sup>	M14
T 15	19 30 5	22 <sup>34</sup> 48	18 <sup>0</sup> 3	22 <sup>13</sup>	29 <sup>18</sup>	16 <sup>25</sup>	27 <sup>44</sup>	11 <sup>20</sup>	26 <sup>03</sup> 30	26 <sup>01</sup> 13	3 <sup>52</sup>	3 <sup>21</sup>	3 <sup>51</sup>	13 <sup>17</sup>	23 <sup>30</sup>	T 15
W16	19 34 2	23 <sup>32</sup> 03	0 <sup>II</sup> 4	21 <sup>37</sup>	0 <sup>10</sup> 28	17 <sup>0</sup> 3	27 <sup>51</sup>	11 <sup>27</sup>	26 <sup>02</sup> 29	26 <sup>01</sup> 11	3 <sup>53</sup>	3 <sup>22</sup>	3 <sup>48</sup>	13 <sup>24</sup>	23 <sup>29</sup>	W16
T 17	19 37 59	24 <sup>29</sup> 17	12 <sup>19</sup>	21 <sup>0</sup> 1	1 <sup>39</sup>	17 <sup>41</sup>	27 <sup>5</sup>	11 <sup>35</sup>	26 <sup>02</sup> 28	26 <sup>0</sup> 9	3 <sup>54</sup>	3 <sup>22</sup>	3 <sup>45</sup>	13 <sup>31</sup>	23 <sup>28</sup>	T 17
F 18	19 41 55	25 <sup>26</sup> 31	24 <sup>51</sup>	20 <sup>28</sup>	2 <sup>49</sup>	18 <sup>18</sup>	28 <sup>0</sup> 3	11 <sup>43</sup>	26 <sup>02</sup> 27	26 <sup>0</sup> 8	3 <sup>56</sup>	3 <sup>0R</sup> 23	3 <sup>42</sup>	13 <sup>37</sup>	23 <sup>27</sup>	F 18
S 19	19 45 52	26 <sup>23</sup> 45	7 <sup>10</sup> 44	19 <sup>57</sup>	3 <sup>59</sup>	18 <sup>56</sup>	28 <sup>0</sup> 9	11 <sup>50</sup>	26 <sup>02</sup> 26	26 <sup>0</sup> 6	3 <sup>57</sup>	3 <sup>22</sup>	3 <sup>38</sup>	13 <sup>44</sup>	23 <sup>25</sup>	S 19
S 20	19 49 48	27 <sup>20</sup> 59	21 <sup>2</sup> 2	19 <sup>29</sup>	5 <sup>0</sup> 9	19 <sup>34</sup>	28 <sup>0</sup> 15	11 <sup>58</sup>	26 <sup>02</sup> 25	26 <sup>0</sup> 4	3 <sup>58</sup>	3 <sup>22</sup>	3 <sup>35</sup>	13 <sup>51</sup>	23 <sup>24</sup>	S 20
M21	19 53 45	28 <sup>18</sup> 12	4 <sup>17</sup> 46	19 <sup>0</sup> 4	6 <sup>19</sup>	20 <sup>12</sup>	28 <sup>0</sup> 20	12 <sup>0</sup> 5	26 <sup>02</sup> 24	26 <sup>0</sup> 3	4 <sup>0</sup> 0	3 <sup>22</sup>	3 <sup>32</sup>	13 <sup>57</sup>	23 <sup>23</sup>	M21
T 22	19 57 41	29 <sup>15</sup> 26	18 <sup>57</sup>	18 <sup>43</sup>	7 <sup>28</sup>	20 <sup>50</sup>	28 <sup>0</sup> 26	12 <sup>0</sup> 13	26 <sup>02</sup> 24	26 <sup>0</sup> 1	4 <sup>0</sup> 1	3 <sup>21</sup>	3 <sup>29</sup>	14 <sup>0</sup> 4	23 <sup>22</sup>	T 22
W23	20 1 38	0 <sup>II</sup> 12'40"	3 <sup>38</sup> 33	18 <sup>26</sup>	8 <sup>38</sup>	21 <sup>28</sup>	28 <sup>0</sup> 31	12 <sup>0</sup> 21	26 <sup>02</sup> 23	26 <sup>0</sup> 0	4 <sup>0</sup> 2	3 <sup>21</sup>	3 <sup>26</sup>	14 <sup>11</sup>	23 <sup>20</sup>	W23
T 24	20 5 34	1 <sup>0</sup> 9'53"	18 <sup>28</sup>	18 <sup>14</sup>	9 <sup>48</sup>	22 <sup>0</sup> 5	28 <sup>0</sup> 36	12 <sup>0</sup> 28	26 <sup>02</sup> 22	25 <sup>58</sup>	4 <sup>0</sup> 3	3 <sup>21</sup>	3 <sup>23</sup>	14 <sup>17</sup>	23 <sup>19</sup>	T 24
F 25	20 9 31	2 <sup>0</sup> 7'07"	3 <sup>38</sup> 35	18 <sup>0</sup> 7	10 <sup>57</sup>	22 <sup>43</sup>	28 <sup>0</sup> 41	12 <sup>0</sup> 36	26 <sup>02</sup> 22	25 <sup>56</sup>	4 <sup>0</sup> 5	3 <sup>0D</sup> 20	3 <sup>19</sup>	14 <sup>24</sup>	23 <sup>17</sup>	F 25
S 26	20 13 28	3 <sup>0</sup> 4'21"	18 <sup>46</sup>	18 <sup>0D</sup> 5	12 <sup>0</sup> 7	23 <sup>21</sup>	28 <sup>0</sup> 46	12 <sup>0</sup> 43	26 <sup>02</sup> 21	25 <sup>55</sup>	4 <sup>0</sup> 6	3 <sup>0R</sup> 20	3 <sup>16</sup>	14 <sup>31</sup>	23 <sup>16</sup>	S 26
S 27	20 17 24	4 <sup>0</sup> 1'35"	3 <sup>38</sup> 51	18 <sup>0</sup> 8	13 <sup>16</sup>	23 <sup>59</sup>	28 <sup>0</sup> 50	12 <sup>0</sup> 51	26 <sup>02</sup> 21	25 <sup>53</sup>	4 <sup>0</sup> 7	3 <sup>20</sup>	3 <sup>13</sup>	14 <sup>37</sup>	23 <sup>14</sup>	S 27
M28	20 21 21	4 <sup>58</sup> 50	18 <sup>41</sup>	18 <sup>16</sup>	14 <sup>25</sup>	24 <sup>37</sup>	28 <sup>0</sup> 55	12 <sup>0</sup> 58	26 <sup>02</sup> 20	25 <sup>52</sup>	4 <sup>0</sup> 8	3 <sup>20</sup>	3 <sup>10</sup>	14 <sup>44</sup>	23 <sup>13</sup>	M28
T 29	20 25 17	5 <sup>56</sup> 05	3 <sup>37</sup> 10	18 <sup>30</sup>	15 <sup>34</sup>	25 <sup>15</sup>	28 <sup>0</sup> 59	13 <sup>0</sup> 6	26 <sup>02</sup> 20	25 <sup>50</sup>	4 <sup>0</sup> 10	3 <sup>20</sup>	3 <sup>0</sup> 7	14 <sup>50</sup>	23 <sup>11</sup>	T 29
W30	20 29 14	6 <sup>53</sup> 21	17 <sup>15</sup>	18 <sup>50</sup>	16 <sup>43</sup>	25 <sup>52</sup>	29 <sup>0</sup> 3	13 <sup>0</sup> 13	26 <sup>02</sup> 20	25 <sup>48</sup>	4 <sup>0</sup> 11	3 <sup>20</sup>	3 <sup>0</sup> 4	14 <sup>57</sup>	23 <sup>0</sup> 9	W30
T 31	20 33 10	7 <sup>01</sup> 50'38"	0 <sup>II</sup> 55	19 <sup>58</sup> 15	17 <sup>10</sup> 52	26 <sup>01</sup> 30	29 <sup>0</sup> 7	13 <sup>0</sup> 20	26 <sup>01</sup> 19	25 <sup>47</sup>	4 <sup>0</sup> 22	3 <sup>0L</sup> 20	3 <sup>0L</sup> 0	15 <sup>01</sup> 4	23 <sup>38</sup> 7	T 31

Day	☾	☾		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n 2	6s15	4s 2	19n 1	1s36	18n41	1n51	19n30	1n14	8n52	1s13	22n16	0s45	19s 7	0n15	20s 5	0n41	15n52	7s26	19n17	19n 3	17n49	1n37 4n29
W 2	22 58	1 23	4 43	18 45	1 53	18 21	1 51	19 20	1 14	8 55	1 13	22 15	0 45	19 7	0 15	20 5	0 41	15 52	7 26	19 17	19 3	17 48	1 37 4 30
T 3	22 53	3n26	5 8	18 29	2 9	18 0	1 51	19 10	1 14	8 57	1 14	22 15	0 45	19 7	0 15	20 6	0 41	15 52	7 26	19 17	19 4	17 47	1 37 4 30
F 4	22 48	7 58	5 15	18 15	2 26	17 38	1 50	19 0	1 14	9 0	0 14	22 14	0 45	19 6	0 15	20 6	0 41	15 52	7 26	19 18	19 5	17 46	1 37 4 30
S 5	22 43	12 2	5 6	18 1	2 42	17 16	1 50	18 50	1 13	9 3	1 14	22 14	0 45	19 6	0 15	20 6	0 41	15 52	7 26	19 18	19 6	17 45	1 37 4 30
S 6	22 37	15 29	4 42	17 48	2 58	16 54	1 50	18 39	1 13	9 6	1 14	22 13	0 45	19 6	0 15	20 7	0 41	15 52	7 26	19 19	19 6	17 44	1 37 4 30
M 7	22 31	18 10	4 5	17 37	3 13	16 31	1 49	18 29	1 13	9 8	1 14	22 13	0 45	19 5	0 15	20 7	0 41	15 52	7 26	19 19	19 7	17 43	1 37 4 31
T 8	22 25	19 58	3 17	17 27	3 28	16 8	1 48	18 18	1 13	9 11	1 15	22 12	0 45	19 5	0 15	20 7	0 41	15 52	7 26	19 20	19 8	17 42	1 37 4 31
W 9	22 18	20 50	2 21	17 18	3 42	15 44	1 48	18 7	1 13	9 13	1 15	22 12	0 45	19 5	0 15	20 8	0 41	15 52	7 26	19 21	19 9	17 41	1 37 4 31
T 10	22 10	20 43	1 19	17 10	3 56	15 21	1 47	17 57	1 13	9 16	1 15	22 11	0 45	19 5	0 15	20 8	0 41	15 52	7 26	19 21	19 9	17 40	1 36 4 31
F 11	22 3	19 41	0 14	17 4	4 8	14 56	1 46	17 46	1 13	9 18	1 15	22 11	0 44	19 4	0 15	20 8	0 41	15 52	7 26	19 21	19 10	17 39	1 36 4 31
S 12	21 55	17 47	0n51	16 58	4 19	14 31	1 45	17 34	1 12	9 20	1 16	22 10	0 44	19 4	0 15	20 8	0 41	15 52	7 26	19 21	19 11	17 38	1 36 4 31
S 13	21 46	15 9	1 54	16 55	4 29	14 6	1 44	17 23	1 12	9 22	1 16	22 9	0 44	19 4	0 15	20 9	0 41	15 52	7 26	19 21	19 12	17 37	1 36 4 32
M14	21 37	11 53	2 52	16 52	4 37	13 41	1 43	17 12	1 12	9 25	1 16	22 9	0 44	19 4	0 15	20 9	0 41	15 52	7 26	19 20	19 12	17 36	1 36 4 32
T 15	21 28	8 9	3 44	16 51	4 44	13 15	1 41	17 0	1 12	9 27	1 16	22 8	0 44	19 3	0 15	20 9	0 41	15 52	7 26	19 20	19 13	17 35	1 36 4 32
W16	21 19	4 2	4 26	16 51	4 50	12 49	1 40	16 49	1 12	9 29	1 16	22 8	0 44	19 3	0 15	20 10	0 41	15 52	7 26	19 20	19 14	17 34	1 35 4 32
T 17	21 9	0s18	4 57	16 53	4 54	12 23	1 38	16 37	1 12	9 31	1 17	22 7	0 44	19 3	0 15	20 10	0 41	15 52	7 26	19 20	19 15	17 33	1 35 4 32
F 18	20 58	4 43	5 14	16 56	4 56	11 56	1 37	16 25	1 12	9 33	1 17	22 7	0 44	19 3	0 15	20 10	0 41	15 52	7 26	19 20	19 15	17 32	1 35 4 32
S 19	20 48	9 2	5 17	16 59	4 56	11 30	1 35	16 13	1 11	9 35	1 17	22 6	0 44	19 3	0 15	20 11	0 41	15 52	7 26	19 20	19 16	17 31	1 34 4 33
S 20	20 37	13 5	5 3	17 4	4 55	11 2	1 33	16 1	1 11	9 36	1 17	22 5	0 44	19 2	0 15	20 11	0 41	15 52	7 26	19 20	19 17	17 30	1 34 4 33
M21	20 26	16 34	4 31	17 10	4 53	10 35	1 32	15 49	1 11	9 38	1 18	22 5	0 44	19 2	0 15	20 11	0 41	15 52	7 26	19 20	19 18	17 28	1 34 4 33
T 22	20 14	19 12	3 43	17 17	4 49	10 7	1 30	15 37	1 11	9 40	1 18	22 4	0 44	19 2	0 15	20 12	0 41	15 52	7 26	19 20	19 18	17 27	1 33 4 33
W23	20 2	20 40	2 38	17 25	4 43	9 39	1 28	15 25	1 11	9 41	1 18	22 3	0 44	19 2	0 15	20 12	0 41	15 52	7 26	19 20	19 19	17 26	1 33 4 33
T24	19 50	20 44	1 22	17 33	4 46	9 11	1 25	15 13	1 11	9 43	1 18	22 3	0 44	19 2	0 15	20 12	0 41	15 52	7 26	19 20	19 20	17 25	1 33 4 33
F 25	19 37	19 18	0s 1	17 42	4 28	8 43	1 23	15 0	1 10	9 44	1 19	22 2	0 44	19 2	0 15	20 12	0 41	15 52	7 26	19 20	19 21	17 24	1 32 4 34
S 26	19 24	16 29	1 25	17 52	4 19	8 14	1 21	14 47	1 10	9 46	1 19	22 2	0 43	19 2	0 15	20 13	0 41	15 51	7 26	19 20	19 21	17 23	1 32 4 34
S 27	19 11	12 35	2 42	18 1	4 9	7 46	1 19	14 35	1 10	9 47	1 19	22 1	0 43	19 2	0 15	20 13	0 41	15 51	7 26	19 20	19 22	17 22	1 31 4 34
M28	18 57	7 56	3 46	18 11	3 57	7 17	1 16	14 22	1 10	9 49	1 19	22 0	0 43	19 1	0 15	20 13	0 41	15 51	7 26	19 20	19 23	17 21	1 31 4 34
T 29	18 43	2 57	4 35	18 21	3 45	6 48	1 13	14 9	1 10	9 50	1 20	22 0	0 43	19 1	0 15	20 14	0 41	15 51	7 26	19 20	19 24	17 20	1 30 4 34
W30	18 29	2n 3	5 5	18 31	3 33	6 19	1 11	13 56	1 9	9 51	1 20	21 59	0 43	19 1	0 15	20 14	0 41	15 51	7 26	19 20	19 24	17 19	1 30 4 34
T 31	18n15	6n47	5s18	18n41	3s19	5n49	1n 8	13n43	1n 9	9n52	1s20	21n58	0s43	19s 1	0n15	20s14	0n41	15n51	7s26	19n21	19n25	17n17	1n29 4n34

Julian Day Number = 2689498.5, Delta T = 23m41s  
Ecliptic obliquity = 23°21'11", Nutation = - 0°00'14"  
Ayanamsha: Fagan/Bradley = 33°51'13", Lahiri = 32°58'13"

# ASTRODIENST EPHEMERIS for the year 2651

AUGUST 2651

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	20 37 7	8♂47'55	14♂10	19♂46	19♂1	27♂8	29♂10	13♂28	26♂R19	25♂R45	4♂13	3♂D20	2♂57	15♂10	23♂R 6	F 1
S 2	20 41 3	9°45'14	27° 3	20°23	20°10	27°46	29°14	13°35	26♂19	25♂44	4°15	3♂20	2°54	15°17	23♂R 4	S 2
S 3	20 45 0	10°42'33	9♂36	21° 5	21°19	28°24	29°17	13°42	26°19	25°42	4°16	3°21	2°51	15°24	23° 2	S 3
M 4	20 48 57	11°39'53	21°54	21°53	22°27	29° 2	29°20	13°49	26°19	25°41	4°17	3°21	2°48	15°30	23° 0	M 4
T 5	20 52 53	12°37'13	4♂ 0	22°46	23°36	29°40	29°23	13°57	26♂D19	25°39	4°18	3°22	2°44	15°37	22°58	T 5
W 6	20 56 50	13°34'35	15°57	23°45	24°44	0♂18	29°26	14° 4	26°19	25°38	4°19	3°23	2°41	15°44	22°56	W 6
T 7	21 0 46	14°31'57	27°48	24°49	25°52	0°55	29°29	14°11	26°19	25°36	4°20	3°R23	2°38	15°50	22°54	T 7
F 8	21 4 43	15°29'20	9♂35	25°59	27° 0	1°33	29°31	14°18	26°19	25°34	4°21	3°23	2°35	15°57	22°52	F 8
S 9	21 8 39	16°26'43	21°22	27°13	28° 8	2°11	29°33	14°25	26°19	25°33	4°23	3°23	2°32	16° 4	22°50	S 9
S 10	21 12 36	17°24'08	3♂11	28°32	29°16	2°49	29°35	14°32	26°20	25°32	4°24	3°21	2°29	16°10	22°47	S 10
M11	21 16 32	18°21'32	15° 3	29°57	0♂24	3°27	29°37	14°39	26°20	25°30	4°25	3°19	2°25	16°17	22°45	M11
T 12	21 20 29	19°18'58	27° 2	1♂26	1°32	4° 5	29°39	14°46	26°20	25°29	4°26	3°17	2°22	16°24	22°43	T 12
W13	21 24 26	20°16'24	9♂ 9	2°59	2°39	4°43	29°40	14°53	26°21	25°27	4°27	3°15	2°19	16°30	22°41	W13
T 14	21 28 22	21°13'51	21°28	4°36	3°46	5°21	29°41	15° 0	26°21	25°26	4°28	3°12	2°16	16°37	22°38	T 14
F 15	21 32 19	22°11'19	4♂ 1	6°18	4°54	5°59	29°42	15° 6	26°22	25°24	4°29	3°11	2°13	16°43	22°36	F 15
S 16	21 36 15	23° 8'47	16°53	8° 3	6° 1	6°37	29°43	15°13	26°22	25°23	4°30	3°10	2°10	16°50	22°34	S 16
S 17	21 40 12	24° 6'16	0♂ 5	9°52	7° 8	7°15	29°44	15°20	26°23	25°22	4°31	3°D10	2° 6	16°57	22°31	S 17
M18	21 44 8	25° 3'45	13°40	11°43	8°15	7°53	29°44	15°27	26°24	25°20	4°32	3°11	2° 3	17° 3	22°29	M18
T 19	21 48 5	26° 1'16	27°40	13°37	9°21	8°31	29°44	15°33	26°24	25°19	4°33	3°12	2° 0	17°10	22°26	T 19
W20	21 52 1	26°58'47	12♂ 5	15°34	10°28	9° 9	29°R44	15°40	26°25	25°18	4°34	3°13	1°57	17°17	22°24	W20
T 21	21 55 58	27°56'19	26°51	17°32	11°34	9°47	29°44	15°46	26°26	25°16	4°35	3°R14	1°54	17°23	22°21	T 21
F 22	21 59 55	28°53'51	11♂54	19°32	12°40	10°25	29°44	15°53	26°27	25°15	4°36	3°14	1°50	17°30	22°19	F 22
S 23	22 3 51	29°51'25	27° 5	21°33	13°46	11° 3	29°43	15°59	26°28	25°14	4°37	3°13	1°47	17°37	22°16	S 23
S 24	22 7 48	0♂49'00	12♂15	23°35	14°52	11°41	29°42	16° 5	26°29	25°12	4°37	3°10	1°44	17°43	22°14	S 24
M25	22 11 44	1°46'36	27°15	25°38	15°58	12°19	29°41	16°12	26°30	25°11	4°38	3° 6	1°41	17°50	22°11	M25
T 26	22 15 41	2°44'13	11♂56	27°40	17° 3	12°57	29°40	16°18	26°31	25°10	4°39	3° 2	1°38	17°57	22° 8	T 26
W27	22 19 37	3°41'51	26°11	29°43	18° 8	13°35	29°39	16°24	26°32	25° 9	4°40	2°58	1°35	18° 3	22° 6	W27
T 28	22 23 34	4°39'32	9♂59	1♂45	19°13	14°13	29°37	16°30	26°33	25° 8	4°41	2°55	1°31	18°10	22° 3	T 28
F 29	22 27 30	5°37'13	23°19	3°46	20°18	14°51	29°36	16°36	26°34	25° 6	4°41	2°53	1°28	18°17	22° 0	F 29
S 30	22 31 27	6°34'57	6♂13	5°47	21°23	15°29	29°34	16°42	26°36	25° 5	4°42	2°D52	1°25	18°23	21°58	S 30
S 31	22 35 23	7♂32'42	18♂44	7♂48	22♂28	16♂7	29♂32	16♂48	26♂37	25♂ 4	4♂43	2♂53	1♂22	18♂30	21♂55	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	18n 0	11n 4	5s12	18n51	3s 5	5n20	1n 5	13n30	1n 9	9n53	1s20	21n58	0s43	19s 1	0n15	20s15	0n41	15n51	7s26	19n21	19n26	17n16	1n28	4n35					
S 2	17 45	14 42	4 51	18 59	2 51	4 50	1 2	13 17	1 9	9 54	1 21	21 57	0 43	19 1	0 15	20 15	0 41	15 51	7 26	19 20	19 26	17 15	1 28	4 35					
S 3	17 29	17 35	4 16	19 18	2 37	4 20	0 59	13 4	1 9	9 55	1 21	21 56	0 43	19 1	0 15	20 15	0 41	15 51	7 26	19 20	19 27	17 14	1 27	4 35					
M 4	17 14	19 36	3 31	19 15	2 22	3 51	0 56	12 50	1 8	9 56	1 21	21 56	0 43	19 1	0 15	20 16	0 41	15 51	7 27	19 20	19 28	17 13	1 27	4 35					
T 5	16 58	20 42	2 36	19 21	2 7	3 21	0 53	12 37	1 8	9 57	1 22	21 55	0 43	19 1	0 15	20 16	0 41	15 51	7 27	19 20	19 29	17 12	1 26	4 35					
W 6	16 41	20 50	1 35	19 26	1 52	2 51	0 50	12 23	1 8	9 57	1 22	21 54	0 43	19 1	0 15	20 16	0 41	15 51	7 27	19 20	19 29	17 11	1 25	4 35					
T 7	16 25	20 1	0 31	19 30	1 36	2 21	0 46	12 10	1 8	9 58	1 22	21 53	0 43	19 1	0 15	20 16	0 41	15 50	7 27	19 20	19 30	17 9	1 24	4 35					
F 8	16 8	18 20	0n34	19 33	1 21	1 50	0 43	11 56	1 8	9 59	1 22	21 53	0 43	19 1	0 15	20 17	0 41	15 50	7 27	19 20	19 31	17 8	1 24	4 35					
S 9	15 51	15 52	1 38	19 33	1 7	1 20	0 39	11 42	1 7	9 59	1 23	21 52	0 43	19 1	0 15	20 17	0 41	15 50	7 27	19 20	19 31	17 7	1 23	4 35					
S 10	15 34	12 45	2 38	19 32	0 52	0 50	0 36	11 29	1 7	10 0	1 23	21 51	0 43	19 2	0 15	20 17	0 41	15 50	7 27	19 20	19 32	17 6	1 22	4 36					
M11	15 16	9 6	3 31	19 29	0 38	0 20	0 32	11 15	1 7	10 0	1 23	21 51	0 43	19 2	0 15	20 18	0 41	15 50	7 27	19 21	19 33	17 5	1 21	4 36					
T 12	14 59	5 5	4 15	19 23	0 24	0s11	0 28	11 1	1 7	10 0	1 23	21 50	0 43	19 2	0 15	20 18	0 41	15 50	7 27	19 21	19 34	17 4	1 21	4 36					
W13	14 41	0 49	4 48	19 15	0 10	0 41	0 24	10 47	1 6	10 1	1 24	21 49	0 43	19 2	0 14	20 18	0 41	15 50	7 27	19 22	19 34	17 2	1 20	4 36					
T 14	14 22	3s33	5 9	19 5	0n 3	1 11	0 20	10 33	1 6	10 1	1 24	21 49	0 43	19 2	0 14	20 18	0 41	15 50	7 27	19 22	19 35	17 1	1 19	4 36					
F 15	14 4	7 51	5 16	18 53	0 15	1 41	0 16	10 18	1 6	10 1	1 24	21 48	0 42	19 2	0 14	20 19	0 41	15 50	7 27	19 23	19 36	17 0	1 18	4 36					
S 16	13 45	11 54	5 7	18 37	0 27	2 12	0 12	10 4	1 6	10 1	1 24	21 47	0 42	19 2	0 14	20 19	0 41	15 50	7 27	19 23	19 36	16 59	1 17	4 36					
S 17	13 26	15 30	4 42	18 19	0 38	2 42	0 8	9 50	1 6	10 1	1 25	21 46	0 42	19 2	0 14	20 19	0 41	15 49	7 27	19 23	19 37	16 58	1 16	4 36					
M18	13 7	18 23	4 0	17 59	0 58	3 12	0 4	9 36	1 5	10 1	1 25	21 46	0 42	19 3	0 14	20 20	0 41	15 49	7 27	19 23	19 38	16 56	1 16	4 36					
T 19	12 48	20 16	3 4	17 36	0 58	3 42	0s 1	9 21	1 5	10 1	1 25	21 45	0 42	19 3	0 14	20 20	0 41	15 49	7 28	19 22	19 39	16 55	1 15	4 36					
W20	12 29	20 55	1 54	17 10	1 6	4 12	0 5	9 7	1 5	10 0	1 25	21 44	0 42	19 3	0 14	20 20	0 41	15 49	7 28	19 22	19 39	16 54	1 14	4 36					
T 21	12 9	20 8	0 35	16 42	1 14	4 42	0 10	8 52	1 5	10 0	1 26	21 44	0 42	19 3	0 14	20 20	0 41	15 49	7 28	19 22	19 40	16 53	1 13	4 36					
F 22	11 49	17 55	0s48	16 11	1 21	5 12	0 14	8 38	1 4	10 0	1 26	21 43	0 42	19 3	0 14	20 21	0 41	15 49	7 28	19 22	19 41	16 52	1 12	4 36					
S 23	11 29	14 26	2 7	15 38	1 27	5 42	0 19	8 23	1 4	9 59	1 26	21 42	0 42	19 4	0 14	20 21	0 41	15 49	7 28	19 22	19 41	16 50	1 11	4 36					
S 24	11 9	10 0	3 18	15 3	1 32	6 12	0 23	8 9	1 4	9 59	1 26	21 41	0 42	19 4	0 14	20 21	0 41	15 49	7 28	19 23	19 42	16 49	1 10	4 36					
M25	10 48	4 59	4 14	14 27	1 36	6 41	0 28	7 54	1 4	9 58	1 27	21 41	0 42	19 4	0 14	20 21	0 41	15 49	7 28	19 24	19 43	16 48	1 9	4 36					
T 26	10 28	0n12	4 52	13 48	1 40	7 11	0 33	7 39	1 3	9 58	1 27	21 40	0 42	19 5	0 14	20 22	0 41	15 48	7 28	19 25	19 44	16 47	1 8	4 36					
W27	10 7	5 14	5 11	13 8	1 42	7 40	0 38	7 24	1 3	9 57	1 27	21 39	0 42	19 5	0 14	20 22	0 41	15 48	7 28	19 25	19 44	16 45	1 7	4 37					
T 28	9 46	9 50	5 11	12 26	1 44	8 9	0 43	7 9	1 3	9 56	1 27	21 39	0 42	19 5	0 14	20 22	0 41	15 48	7 28	19 26	19 45	16 44	1 6	4 37					
F 29	9 25	13 48	4 54	11 43	1 45	8 38	0 48	6 55	1 3	9 55	1 28	21 38	0 42	19 5	0 14	20 22	0 41	15 48	7 28	19 27	19 46	16 43	1 5	4 37					
S 30	9 4	16 58	4 22	10 59	1 45	9 7	0 53	6 40	1 2	9 54	1 28	21 37	0 42	19 6	0 14	20 22	0 41	15 48	7 29	19 27	19 46	16 42	1 4	4 37					
S 31	8n43	19n15	3s39	10n14	1n45	9s36	0s58	6n25	1n 2	9n53	1s28	21n36	0s42	19s 6	0n14	20s23	0n40	15n48	7s29	19n27	19n47	16n40	1n 3	4n37					

## ASTRODIENST EPHEMERIS for the year 2651

SEPTEMBER 2651

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	22 39 20	8 <sup>h</sup> 30'28"	0 <sup>h</sup> 57'	9 <sup>h</sup> 47'	23 <sup>h</sup> 32'	16 <sup>h</sup> 45'	29°R29	16 <sup>h</sup> 54'	26 <sup>h</sup> 38'	25°R 3	4 <sup>h</sup> 44'	2 <sup>h</sup> 54'	1 <sup>h</sup> 19'	18 <sup>h</sup> 37'	21°R52	M 1
T 2	22 43 17	9°28'16"	12°57'	11°45'	24°36'	17°23'	29°Y27	17° 0'	26°40'	25°Z 2	4°44'	2°56'	1°15'	18°43'	21°K49	T 2
W 3	22 47 13	10°26'06"	24°49'	13°42'	25°40'	18° 1'	29°24'	17° 5'	26°41'	25° 1'	4°45'	2°57'	1°12'	18°50'	21°46'	W 3
T 4	22 51 10	11°23'57"	6 <sup>h</sup> 36'	15°38'	26°44'	18°39'	29°21'	17°11'	26°43'	25° 0'	4°46'	2°R57	1° 9'	18°56'	21°44'	T 4
F 5	22 55 6	12°21'50"	18°23'	17°32'	27°47'	19°17'	29°18'	17°17'	26°44'	24°59'	4°46'	2°56'	1° 6'	19° 3'	21°41'	F 5
S 6	22 59 3	13°19'44"	0 <sup>h</sup> 12'	19°25'	28°50'	19°56'	29°15'	17°22'	26°46'	24°58'	4°47'	2°53'	1° 3'	19°10'	21°38'	S 6
S 7	23 2 59	14°17'40"	12° 6'	21°17'	29°53'	20°34'	29°11'	17°27'	26°48'	24°57'	4°48'	2°48'	1° 0'	19°16'	21°35'	S 7
M 8	23 6 56	15°15'38"	24° 7'	23° 8'	0 <sup>h</sup> 56'	21°12'	29° 7'	17°33'	26°49'	24°56'	4°48'	2°41'	0°56'	19°23'	21°32'	M 8
T 9	23 10 52	16°13'36"	6 <sup>h</sup> 16'	24°58'	1°58'	21°50'	29° 3'	17°38'	26°51'	24°55'	4°49'	2°33'	0°53'	19°30'	21°29'	T 9
W10	23 14 49	17°11'37"	18°34'	26°46'	3° 1'	22°28'	28°59'	17°43'	26°53'	24°55'	4°49'	2°25'	0°50'	19°36'	21°27'	W10
T 11	23 18 46	18° 9'38"	1 <sup>h</sup> 4	28°33'	4° 2'	23° 7'	28°55'	17°48'	26°55'	24°54'	4°50'	2°18'	0°47'	19°43'	21°24'	T 11
F 12	23 22 42	19° 7'41"	13°46'	0 <sup>h</sup> 18'	5° 4'	23°45'	28°51'	17°54'	26°57'	24°53'	4°50'	2°11'	0°44'	19°50'	21°21'	F 12
S 13	23 26 39	20° 5'46"	26°42'	2° 2'	6° 6'	24°23'	28°46'	17°59'	26°59'	24°52'	4°51'	2° 7'	0°41'	19°56'	21°18'	S 13
S 14	23 30 35	21° 3'52"	9 <sup>h</sup> 54'	3°45'	7° 7'	25° 1'	28°41'	18° 3'	27° 1'	24°52'	4°51'	2° 4'	0°37'	20° 3'	21°15'	S 14
M15	23 34 32	22° 1'59"	23°24'	5°27'	8° 7'	25°40'	28°37'	18° 8'	27° 3'	24°51'	4°52'	2°D 4'	0°34'	20°10'	21°12'	M15
T 16	23 38 28	23° 0'08"	7 <sup>h</sup> 313	7° 8'	9° 8'	26°18'	28°31'	18°13'	27° 5'	24°50'	4°52'	2° 4'	0°31'	20°16'	21° 9'	T 16
W17	23 42 25	23°58'18"	21°23'	8°47'	10° 8'	26°56'	28°26'	18°18'	27° 7'	24°49'	4°53'	2° 5'	0°28'	20°23'	21° 7'	W17
T 18	23 46 21	24°56'29"	5 <sup>h</sup> 52'	10°26'	11° 8'	27°35'	28°21'	18°22'	27° 9'	24°49'	4°53'	2°R 6'	0°25'	20°30'	21° 4'	T 18
F 19	23 50 18	25°54'42"	20°37'	12° 3'	12° 7'	28°13'	28°15'	18°27'	27°11'	24°48'	4°54'	2° 4'	0°21'	20°36'	21° 1'	F 19
S 20	23 54 15	26°52'56"	5 <sup>h</sup> 34'	13°38'	13° 6'	28°51'	28°10'	18°31'	27°13'	24°48'	4°54'	2° 1'	0°18'	20°43'	20°58'	S 20
S 21	23 58 11	27°51'12"	20°34'	15°13'	14° 5'	29°30'	28° 4'	18°36'	27°16'	24°47'	4°54'	1°55'	0°15'	20°50'	20°55'	S 21
M22	0 2 8	28°49'30"	5 <sup>h</sup> Y29	16°47'	15° 3'	0 <sup>h</sup> 18	27°58'	18°40'	27°18'	24°47'	4°54'	1°47'	0°12'	20°56'	20°52'	M22
T 23	0 6 4	28°47'49"	20° 9'	18°19'	16° 1'	0°46'	27°51'	18°44'	27°21'	24°46'	4°55'	1°38'	0° 9'	21° 3'	20°49'	T 23
W24	0 10 1	0 <sup>h</sup> 46'11"	4 <sup>h</sup> 28'	19°51'	16°58'	1°25'	27°45'	18°48'	27°23'	24°46'	4°55'	1°29'	0° 6'	21°10'	20°47'	W24
T 25	0 13 57	1°44'34"	18°20'	21°21'	17°55'	2° 3'	27°39'	18°52'	27°25'	24°45'	4°55'	1°21'	0° 2'	21°16'	20°44'	T 25
F 26	0 17 54	2°42'59"	1 <sup>h</sup> 45'	22°50'	18°51'	2°42'	27°32'	18°56'	27°28'	24°45'	4°55'	1°15'	29°59'	21°23'	20°41'	F 26
S 27	0 21 50	3°41'27"	14°42'	24°18'	19°47'	3°20'	27°26'	19° 0'	27°30'	24°45'	4°56'	1°11'	29°56'	21°29'	20°38'	S 27
S 28	0 25 47	4°39'56"	27°15'	25°45'	20°43'	3°58'	27°19'	19° 4'	27°33'	24°44'	4°56'	1° 9'	29°53'	21°36'	20°35'	S 28
M29	0 29 44	5°38'28"	9 <sup>h</sup> 29'	27°10'	21°38'	4°37'	27°12'	19° 7'	27°36'	24°44'	4°56'	1°D 9'	29°50'	21°43'	20°33'	M29
T 30	0 33 40	6 <sup>h</sup> 37'02"	21 <sup>h</sup> 28'	28 <sup>h</sup> 35'	22 <sup>h</sup> 33'	5 <sup>h</sup> 15'	27°Y 5'	19°511	27 <sup>h</sup> 38'	24 <sup>h</sup> 44'	4 <sup>h</sup> 56'	1 <sup>h</sup> D 9'	29°547	21 <sup>h</sup> 49'	20 <sup>h</sup> 30'	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	8n21	20n35	2s46	9n29	1n44	10s 5	1s 3	6n10	1n 2	9n52	1s28	21n36	0s42	19s 6	0n14	20s23
T 2	7 59	20 57	1 47	8 43	1 42	10 33	1 8	5 55	1 1	9 51	1 29	21 35	0 42	19 7	0 14	20 23
W 3	7 38	20 22	0 44	7 56	1 40	11 1	1 13	5 40	1 1	9 50	1 29	21 34	0 42	19 7	0 14	20 23
T 4	7 16	18 53	0n20	7 9	1 37	11 29	1 18	5 24	1 1	9 49	1 29	21 34	0 42	19 7	0 14	20 24
F 5	6 54	16 35	1 23	6 21	1 34	11 57	1 24	5 9	1 1	9 47	1 29	21 33	0 42	19 8	0 14	20 24
S 6	6 32	13 35	2 23	5 33	1 30	12 25	1 29	4 54	1 0	9 46	1 30	21 32	0 42	19 8	0 14	20 24
S 7	6 10	10 1	3 16	4 46	1 26	12 52	1 34	4 39	1 0	9 45	1 30	21 32	0 42	19 9	0 14	20 24
M 8	5 47	6 2	4 2	3 58	1 21	13 19	1 40	4 24	1 0	9 43	1 30	21 31	0 42	19 9	0 14	20 24
T 9	5 25	1 46	4 37	3 10	1 17	13 46	1 45	4 8	1 0	9 42	1 30	21 30	0 42	19 9	0 14	20 25
W10	5 2	2s38	4 59	2 22	1 11	14 12	1 51	3 53	0 59	9 40	1 30	21 30	0 42	19 10	0 14	20 25
T 11	4 40	6 59	5 8	1 35	1 6	14 39	1 56	3 38	0 59	9 38	1 31	21 29	0 42	19 10	0 14	20 25
F 12	4 17	11 6	5 2	0 48	1 0	15 5	2 2	3 22	0 59	9 37	1 31	21 28	0 42	19 11	0 14	20 25
S 13	3 55	14 48	4 41	0 1	0 54	15 30	2 7	3 7	0 58	9 35	1 31	21 28	0 42	19 11	0 14	20 25
S 14	3 32	17 50	4 4	0s46	0 47	15 56	2 13	2 52	0 58	9 33	1 31	21 27	0 42	19 12	0 14	20 25
M15	3 9	19 59	3 13	1 32	0 41	16 21	2 18	2 36	0 58	9 31	1 31	21 27	0 42	19 12	0 14	20 26
T 16	2 46	21 0	2 10	2 18	0 34	16 46	2 24	2 21	0 57	9 29	1 32	21 26	0 42	19 13	0 14	20 26
W17	2 23	20 43	0 57	3 4	0 27	17 10	2 30	2 5	0 57	9 27	1 32	21 25	0 41	19 13	0 14	20 26
T 18	2 0	19 4	0s20	3 49	0 20	17 34	2 35	1 50	0 57	9 25	1 32	21 25	0 41	19 14	0 14	20 26
F 19	1 37	16 7	1 38	4 33	0 12	17 58	2 41	1 34	0 57	9 23	1 32	21 24	0 41	19 14	0 14	20 26
S 20	1 14	12 4	2 50	5 17	0 5	18 22	2 47	1 19	0 56	9 21	1 32	21 24	0 41	19 15	0 14	20 26
S 21	0 51	7 15	3 50	6 1	0s 3	18 45	2 52	1 3	0 56	9 18	1 33	21 23	0 41	19 15	0 14	20 26
M22	0 28	2 1	4 34	6 44	0 10	19 7	2 58	0 48	0 56	9 16	1 33	21 23	0 41	19 16	0 14	20 26
T 23	0 5	3n14	4 59	7 26	0 18	19 30	3 3	0 32	0 55	9 14	1 33	21 22	0 41	19 16	0 14	20 27
W24	0s18	8 11	5 5	8 8	0 26	19 52	3 9	0 17	0 55	9 11	1 33	21 21	0 41	19 17	0 14	20 27
T 25	0 41	12 33	4 52	8 49	0 33	20 13	3 15	0 1	0 55	9 9	1 33	21 21	0 41	19 18	0 14	20 27
F 26	1 5	16 8	4 23	9 29	0 41	20 35	3 20	0s14	0 54	9 6	1 33	21 20	0 41	19 18	0 14	20 27
S 27	1 28	18 48	3 42	10 9	0 49	20 55	3 26	0 30	0 54	9 4	1 33	21 20	0 41	19 19	0 14	20 27
S 28	1 51	20 29	2 51	10 48	0 57	21 16	3 31	0 45	0 54	9 1	1 33	21 19	0 41	19 19	0 14	20 27
M29	2 14	21 8	1 53	11 26	1 5	21 36	3 37	1 1	0 53	8 59	1 34	21 19	0 41	19 20	0 13	20 27
T 30	2s37	20n48	0s52	12s 4	1s12	21s55	3s42	1s16	0n53	8n56	1s34	21n18	0s41	19s21	0n13	20s27

Julian Day Number = 2689560.5, Delta T = 23m42s

Ecliptic obliquity = 23°21'12", Nutation = - 0°00'14"

Ayanamsha: Fagan/Bradley = 33°51'22", Lahiri = 32°58'22"

## ASTRODIENST EPHEMERIS for the year 2651

OCTOBER 2651

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	0 37 37	7♂35'38	3♂19	29♂58	23♂27	5♂54	26°R58	19♂14	27♂41	24°R44	4♂56	1°R 9	29♂43	21♂56	20°R27	W 1
T 2	0 41 33	8°34'16	15° 6	1♂20	24°20	6°33	26°Y50	19°17	27°44	24♂43	4°56	1♂ 8	29°40	22° 3	20♂25	T 2
F 3	0 45 30	9°32'57	26°54	2°41	25°13	7°11	26°43	19°21	27°46	24°43	4°56	1° 5	29°37	22° 9	20°22	F 3
S 4	0 49 26	10°31'39	8♂47	4° 1	26° 5	7°50	26°36	19°24	27°49	24°43	4°56	1° 0	29°34	22°16	20°19	S 4
S 5	0 53 23	11°30'23	20°48	5°19	26°57	8°28	26°28	19°27	27°52	24°43	4°R56	0°51	29°31	22°23	20°17	S 5
M 6	0 57 19	12°29'10	2♂59	6°36	27°48	9° 7	26°21	19°30	27°55	24°43	4°56	0°40	29°27	22°29	20°14	M 6
T 7	1 1 16	13°27'58	15°23	7°51	28°39	9°46	26°13	19°33	27°58	24°D43	4°56	0°28	29°24	22°36	20°12	T 7
W 8	1 5 12	14°26'48	27°58	9° 5	29°28	10°24	26° 5	19°35	28° 1	24°43	4°56	0°15	29°21	22°43	20° 9	W 8
T 9	1 9 9	15°25'41	10♂45	10°17	0♂17	11° 3	25°57	19°38	28° 4	24°43	4°56	0° 3	29°18	22°49	20° 6	T 9
F 10	1 13 6	16°24'35	23°44	11°28	1° 6	11°42	25°50	19°41	28° 7	24°43	4°56	29♂52	29°15	22°56	20° 4	F 10
S 11	1 17 2	17°23'31	6♂54	12°36	1°53	12°20	25°42	19°43	28°10	24°43	4°56	29°44	29°12	23° 3	20° 1	S 11
S 12	1 20 59	18°22'28	20°16	13°43	2°40	12°59	25°34	19°45	28°13	24°43	4°56	29°39	29° 8	23° 9	19°59	S 12
M13	1 24 55	19°21'28	3♂50	14°48	3°25	13°38	25°26	19°48	28°16	24°44	4°56	29°36	29° 5	23°16	19°57	M13
T 14	1 28 52	20°20'29	17°36	15°50	4°10	14°17	25°18	19°50	28°19	24°44	4°56	29°D36	29° 2	23°23	19°54	T 14
W15	1 32 48	21°19'32	1♂36	16°50	4°54	14°55	25°10	19°52	28°22	24°44	4°55	29°R36	28°59	23°29	19°52	W15
T 16	1 36 45	22°18'37	15°48	17°47	5°37	15°34	25° 2	19°54	28°25	24°44	4°55	29°35	28°56	23°36	19°50	T 16
F 17	1 40 41	23°17'43	0♂13	18°41	6°19	16°13	24°53	19°56	28°29	24°45	4°55	29°32	28°52	23°43	19°47	F 17
S 18	1 44 38	24°16'51	14°47	19°32	7° 0	16°52	24°45	19°57	28°32	24°45	4°55	29°27	28°49	23°49	19°45	S 18
S 19	1 48 35	25°16'00	29°24	20°20	7°40	17°31	24°37	19°59	28°35	24°45	4°54	29°19	28°46	23°56	19°43	S 19
M20	1 52 31	26°15'12	14°Y 0	21° 3	8°19	18°10	24°29	20° 0	28°38	24°46	4°54	29° 9	28°43	24° 3	19°41	M20
T 21	1 56 28	27°14'25	28°25	21°43	8°57	18°49	24°21	20° 2	28°42	24°46	4°54	28°57	28°40	24° 9	19°39	T 21
W22	2 0 24	28°13'41	12♂34	22°18	9°33	19°28	24°13	20° 3	28°45	24°47	4°53	28°45	28°37	24°16	19°37	W22
T 23	2 4 21	29°12'58	26°20	22°48	10° 8	20° 7	24° 5	20° 4	28°48	24°47	4°53	28°34	28°33	24°23	19°35	T 23
F 24	2 8 17	0♂12'18	9♂43	23°13	10°42	20°46	23°57	20° 5	28°52	24°48	4°53	28°25	28°30	24°29	19°33	F 24
S 25	2 12 14	1°11'40	22°40	23°32	11°14	21°25	23°49	20° 6	28°55	24°48	4°52	28°19	28°27	24°36	19°31	S 25
S 26	2 16 10	2°11'04	5♂15	23°44	11°45	22° 4	23°41	20° 7	28°59	24°49	4°52	28°15	28°24	24°43	19°29	S 26
M27	2 20 7	3°10'31	17°30	23°R50	12°14	22°43	23°33	20° 8	29° 2	24°50	4°51	28°14	28°21	24°49	19°27	M27
T 28	2 24 4	4°10'00	29°31	23°48	12°42	23°22	23°26	20° 8	29° 6	24°50	4°51	28°13	28°18	24°56	19°25	T 28
W29	2 28 0	5° 9'31	11♂23	23°38	13° 9	24° 1	23°18	20° 9	29° 9	24°51	4°50	28°13	28°14	25° 3	19°23	W29
T 30	2 31 57	6° 9'04	23°11	23°19	13°33	24°40	23°10	20° 9	29°13	24°52	4°50	28°12	28°11	25° 9	19°22	T 30
F 31	2 35 53	7♂ 8'39	5♂ 1	22♂52	13♂56	25♂19	23°Y 2	20♂10	29♂16	24♂53	4♂49	28♂ 9	28♂ 8	25♂16	19♂20	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂	♂	♂	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s 0	19n32	0n12	12s40	1s20	22s14	3s48	1s32	0n53	8n54	1s34	21n18	0s41	19s21	0n13	20s27	0n40	15n44	7s32	19n50	20n 8	15n59	0n26	4n34
T 2	3 23	17 25	1 14	13 16	1 28	22 33	3 53	1 47	0 52	8 51	1 34	21 18	0 41	19 22	0 13	20 27	0 40	15 44	7 32	19 50	20 9	15 58	0 25	4 34
F 3	3 46	14 35	2 13	13 51	1 36	22 51	3 58	2 3	0 52	8 48	1 34	21 17	0 41	19 23	0 13	20 27	0 40	15 44	7 32	19 51	20 10	15 57	0 24	4 34
S 4	4 9	11 7	3 6	14 26	1 43	23 9	4 4	2 18	0 52	8 46	1 34	21 17	0 41	19 23	0 13	20 27	0 39	15 43	7 33	19 52	20 10	15 55	0 23	4 34
S 5	4 32	7 11	3 52	14 59	1 50	23 26	4 9	2 34	0 51	8 43	1 34	21 16	0 41	19 24	0 13	20 27	0 39	15 43	7 33	19 54	20 11	15 54	0 21	4 34
M 6	4 55	2 54	4 27	15 31	1 58	23 43	4 14	2 49	0 51	8 40	1 34	21 16	0 41	19 24	0 13	20 28	0 39	15 43	7 33	19 56	20 11	15 53	0 20	4 33
T 7	5 18	1s33	4 51	16 3	2 5	24 0	4 19	3 5	0 51	8 37	1 34	21 15	0 41	19 25	0 13	20 28	0 39	15 43	7 33	19 59	20 12	15 51	0 19	4 33
W 8	5 41	6 1	5 1	16 33	2 12	24 16	4 24	3 20	0 50	8 34	1 34	21 15	0 41	19 26	0 13	20 28	0 39	15 43	7 33	20 1	20 13	15 50	0 18	4 33
T 9	6 3	10 18	4 56	17 3	2 19	24 31	4 29	3 35	0 50	8 31	1 34	21 15	0 41	19 26	0 13	20 28	0 39	15 43	7 33	20 4	20 13	15 48	0 17	4 33
F 10	6 26	14 11	4 36	17 31	2 25	24 46	4 34	3 51	0 50	8 29	1 34	21 14	0 41	19 27	0 13	20 28	0 39	15 43	7 33	20 6	20 14	15 47	0 16	4 33
S 11	6 48	17 26	4 1	17 59	2 32	25 1	4 39	4 6	0 49	8 26	1 34	21 14	0 41	19 28	0 13	20 28	0 39	15 43	7 33	20 8	20 15	15 45	0 15	4 32
S 12	7 11	19 48	3 12	18 25	2 38	25 15	4 44	4 22	0 49	8 23	1 34	21 14	0 41	19 29	0 13	20 28	0 39	15 42	7 34	20 9	20 15	15 44	0 13	4 32
M13	7 33	21 6	2 12	18 50	2 44	25 29	4 48	4 37	0 48	8 20	1 35	21 13	0 41	19 29	0 13	20 28	0 39	15 42	7 34	20 10	20 16	15 43	0 12	4 32
T 14	7 55	21 9	1 3	19 13	2 50	25 42	4 53	4 52	0 48	8 17	1 35	21 13	0 41	19 30	0 13	20 28	0 39	15 42	7 34	20 10	20 17	15 41	0 11	4 32
W15	8 17	19 54	0s11	19 36	2 55	25 54	4 57	5 8	0 48	8 14	1 35	21 13	0 41	19 31	0 13	20 28	0 39	15 42	7 34	20 10	20 17	15 40	0 10	4 32
T 16	8 39	17 23	1 25	19 57	3 0	26 6	5 1	5 23	0 47	8 11	1 35	21 13	0 41	19 31	0 13	20 28	0 39	15 42	7 34	20 10	20 18	15 38	0 9	4 31
F 17	9 1	13 46	2 34	20 16	3 4	26 18	5 5	5 38	0 47	8 8	1 35	21 12	0 41	19 32	0 13	20 28	0 39	15 42	7 34	20 10	20 19	15 37	0 8	4 31
S 18	9 23	9 16	3 35	20 34	3 8	26 29	5 9	5 53	0 47	8 5	1 34	21 12	0 41	19 33	0 13	20 28	0 39	15 42	7 34	20 11	20 19	15 35	0 7	4 31
S 19	9 44	4 14	4 21	20 51	3 12	26 40	5 13	6 8	0 46	8 2	1 34	21 12	0 41	19 34	0 13	20 28	0 39	15 42	7 34	20 13	20 20	15 34	0 6	4 31
M20	10 6	1n 2	4 50	21 5	3 15	26 50	5 17	6 23	0 46	8 0	1 34	21 12	0 41	19 34	0 13	20 27	0 39	15 42	7 34	20 15	20 21	15 32	0 5	4 30
T 21	10 27	6 11	5 0	21 18	3 17	26 59	5 20	6 39	0 45	7 57	1 34	21 12	0 41	19 35	0 13	20 27	0 39	15 42	7 35	20 18	20 21	15 31	0 4	4 30
W22	10 48	10 55	4 52	21 29	3 19	27 8	5 24	6 54	0 45	7 54	1 34	21 11	0 41	19 36	0 13	20 27	0 39	15 41	7 35	20 20	20 22	15 30	0 3	4 30
T 23	11 9	14 57	4 26	21 37	3 20	27 17	5 27	7 9	0 45	7 51	1 34	21 11	0 41	19 37	0 13	20 27	0 39	15 41	7 35	20 22	20 23	15 28	0 2	4 30
F 24	11 30	18 5	3 47	21 44	3 20	27 25	5 30	7 24	0 44	7 48	1 34	21 11	0 41	19 37	0 13	20 27	0 39	15 41	7 35	20 24	20 23	15 27	0 1	4 30
S 25	11 51	20 13	2 56	21 47	3 18	27 32	5 33	7 38	0 44	7 45	1 34	21 11	0 41	19 38	0 13	20 27	0 39	15 41	7 35	20 26	20 24	15 25	0s 0	4 29
S 26	12 11	21 17	1 59	21 49	3 16	27 39	5 35	7 53	0 43	7 42	1 34	21 11	0 41	19 39	0 13	20 27	0 39	15 41	7 35	20 26	20 24	15 24	0 1	4 29
M27	12 32	21 17	0 57	21 47	3 13	27 45	5 37	8 8	0 43	7 40	1 34	21 11	0 41	19 40	0 13	20 27	0 39	15 41	7 35	20 27	20 25	15 22	0 2	4 29
T 28	12 52	20 17	0n 7	21 42	3 9	27 51	5 39	8 23	0 43	7 37	1 34	21 11	0 41	19 40	0 13	20 27	0 39	15 41	7 35	20 27	20 26	15 21	0 3	4 28
W29	13 12	18 25	1 9	21 34	3 3	27 56	5 41	8 38	0 42	7 34	1 34	21 11	0 41	19 41	0 13	20 27	0 39	15 41	7 35	20 27	20 26	15 19	0 4	4 28
T 30	13 31	15 46	2 8	21 22	2 55	28 1	5 42	8 52	0 42	7 31	1 34	21 11	0 41	19 42	0 13	20 27	0 39	15 41	7 36	20 27	20 27	15 18	0 5	4 28
F 31	13s51	12n28	3n 2	21s 6	2s46	28s 5	5s44	9s 7	0n41	7n29	1s34	21n11	0s41	19s43	0n13	20s27	0n39	15n41	7s36	20n27	20n28	15n16	0s 6	4n28

## ASTRODIENST EPHEMERIS for the year 2651

NOVEMBER 2651

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 39 50	8♈ 8'17	16♏57	22°R17	14♌18	25♊58	22°R55	20♏10	29♈20	24♎53	4°R49	28°R 4	28♏ 5	25♏22	19°R18	S 1
S 2	2 43 46	9° 7'57	29° 5	21♈32	14°37	26°38	22°V47	20°R10	29°23	24°54	4♏48	27♏56	28° 2	25°29	19°R17	S 2
M 3	2 47 43	10° 7'38	11♊26	20°39	14°54	27°17	22°40	20°10	29°27	24°55	4°47	27°45	27°58	25°36	19°15	M 3
T 4	2 51 39	11° 7'22	24° 2	19°39	15°10	27°56	22°33	20°10	29°30	24°56	4°47	27°32	27°55	25°42	19°14	T 4
W 5	2 55 36	12° 7'08	6♈55	18°32	15°23	28°35	22°26	20° 9	29°34	24°57	4°46	27°19	27°52	25°49	19°12	W 5
T 6	2 59 32	13° 6'56	20° 3	17°20	15°35	29°15	22°19	20° 9	29°38	24°58	4°46	27° 7	27°49	25°56	19°11	T 6
F 7	3 3 29	14° 6'46	3♌25	16° 4	15°44	29°54	22°12	20° 8	29°41	24°59	4°45	26°56	27°46	26° 2	19°10	F 7
S 8	3 7 26	15° 6'38	16°58	14°48	15°51	0♈33	22° 5	20° 8	29°45	25° 0	4°44	26°48	27°43	26° 9	19° 8	S 8
S 9	3 11 22	16° 6'32	0♎41	13°32	15°56	1°13	21°58	20° 7	29°49	25° 1	4°44	26°42	27°39	26°16	19° 7	S 9
M10	3 15 19	17° 6'27	14°31	12°20	15°58	1°52	21°51	20° 6	29°52	25° 2	4°43	26°40	27°36	26°22	19° 6	M10
T 11	3 19 15	18° 6'24	28°27	11°14	15°R58	2°31	21°45	20° 5	29°56	25° 3	4°42	26°D39	27°33	26°29	19° 5	T 11
W12	3 23 12	19° 6'22	12♎28	10°15	15°56	3°11	21°39	20° 4	29°59	25° 4	4°41	26°R40	27°30	26°36	19° 4	W12
T 13	3 27 8	20° 6'22	26°34	9°26	15°51	3°50	21°32	20° 3	0♌ 3	25° 6	4°41	26°40	27°27	26°42	19° 3	T 13
F 14	3 31 5	21° 6'24	10♈43	8°48	15°44	4°30	21°26	20° 2	0° 7	25° 7	4°40	26°38	27°24	26°49	19° 2	F 14
S 15	3 35 2	22° 6'27	24°55	8°21	15°34	5° 9	21°21	20° 0	0°11	25° 8	4°39	26°34	27°20	26°56	19° 1	S 15
S 16	3 38 58	23° 6'31	9♏ 7	8° 5	15°22	5°49	21°15	19°59	0°14	25° 9	4°38	26°28	27°17	27° 2	19° 0	S 16
M17	3 42 55	24° 6'37	23°15	8°D 1	15° 8	6°28	21° 9	19°57	0°18	25°11	4°37	26°19	27°14	27° 9	19° 0	M17
T 18	3 46 51	25° 6'45	7♌14	8° 8	14°51	7° 8	21° 4	19°55	0°22	25°12	4°36	26° 9	27°11	27°16	18°59	T 18
W19	3 50 48	26° 6'54	21° 0	8°26	14°32	7°48	20°59	19°54	0°26	25°13	4°36	25°58	27° 8	27°22	18°58	W19
T 20	3 54 44	27° 7'05	4♈30	8°53	14°10	8°27	20°53	19°52	0°29	25°15	4°35	25°49	27° 4	27°29	18°58	T 20
F 21	3 58 41	28° 7'18	17°41	9°30	13°46	9° 7	20°49	19°50	0°33	25°16	4°34	25°41	27° 1	27°36	18°57	F 21
S 22	4 2 37	29° 7'33	0♎31	10°14	13°21	9°47	20°44	19°48	0°37	25°18	4°33	25°35	26°58	27°42	18°57	S 22
S 23	4 6 34	0♌ 7'49	13° 3	11° 6	12°53	10°26	20°39	19°45	0°41	25°19	4°32	25°32	26°55	27°49	18°56	S 23
M24	4 10 31	1° 8'08	25°17	12° 4	12°23	11° 6	20°35	19°43	0°44	25°21	4°31	25°D31	26°52	27°56	18°56	M24
T 25	4 14 27	2° 8'28	7♏18	13° 7	11°52	11°46	20°31	19°41	0°48	25°22	4°30	25°32	26°49	28° 2	18°55	T 25
W26	4 18 24	3° 8'50	19°11	14°15	11°20	12°26	20°27	19°38	0°52	25°24	4°29	25°33	26°45	28° 9	18°55	W26
T 27	4 22 20	4° 9'14	1♏ 0	15°28	10°46	13° 5	20°23	19°35	0°56	25°25	4°28	25°R34	26°42	28°16	18°55	T 27
F 28	4 26 17	5° 9'40	12°50	16°44	10°11	13°45	20°19	19°33	0°59	25°27	4°27	25°34	26°39	28°22	18°55	F 28
S 29	4 30 13	6°10'07	24°48	18° 3	9°36	14°25	20°16	19°30	1° 3	25°28	4°26	25°32	26°36	28°29	18°55	S 29
S 30	4 34 10	7♌10'36	6♊57	19♈24	8♌59	15♈ 5	20°V12	19°27	1♌ 7	25♎30	4°25	25°27	26°33	28♏36	18°D55	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14s10	8n38	3n48	20s46	2s35	28s 8	5s44	9s22	0n41	7n26	1s33	21n11	0s41	19s43	0n13	20s26	0n39	15n41	7s36	20n28	20n28	15n15	0s 7	4n27			
S 2	14 29	4 25	4 24	20 23	2 23	28 11	5 45	9 36	0 41	7 23	1 33	21 11	0 41	19 44	0 13	20 26	0 39	15 40	7 36	20 30	20 29	15 13	0 8	4 27			
M 3	14 48	0s 4	4 49	19 55	2 9	28 13	5 45	9 50	0 40	7 21	1 33	21 11	0 41	19 45	0 13	20 26	0 39	15 40	7 36	20 32	20 30	15 12	0 9	4 27			
T 4	15 7	4 38	5 0	19 23	1 53	28 15	5 45	10 5	0 40	7 18	1 33	21 11	0 41	19 46	0 13	20 26	0 39	15 40	7 36	20 35	20 30	15 10	0 9	4 27			
W 5	15 25	9 6	4 57	18 48	1 35	28 16	5 44	10 19	0 39	7 16	1 33	21 11	0 41	19 47	0 13	20 26	0 38	15 40	7 36	20 37	20 31	15 9	0 10	4 26			
T 6	15 43	13 14	4 38	18 10	1 16	28 16	5 43	10 33	0 39	7 13	1 33	21 11	0 40	19 47	0 13	20 26	0 38	15 40	7 36	20 40	20 31	15 7	0 11	4 26			
F 7	16 1	16 47	4 3	17 29	0 57	28 15	5 42	10 48	0 39	7 11	1 33	21 11	0 40	19 48	0 13	20 26	0 38	15 40	7 36	20 42	20 32	15 5	0 12	4 26			
S 8	16 19	19 30	3 14	16 48	0 36	28 14	5 40	11 2	0 38	7 8	1 32	21 11	0 40	19 49	0 13	20 26	0 38	15 40	7 36	20 43	20 33	15 4	0 12	4 25			
S 9	16 36	21 8	2 13	16 5	0 15	28 12	5 38	11 16	0 38	7 6	1 32	21 11	0 40	19 50	0 13	20 25	0 38	15 40	7 36	20 44	20 33	15 2	0 13	4 25			
M10	16 53	21 30	1 4	15 24	0n 5	28 10	5 35	11 30	0 37	7 4	1 32	21 11	0 40	19 50	0 13	20 25	0 38	15 40	7 37	20 45	20 34	15 1	0 14	4 25			
T 11	17 10	20 33	0s10	14 45	0 25	28 7	5 31	11 44	0 37	7 2	1 32	21 11	0 40	19 51	0 13	20 25	0 38	15 40	7 37	20 45	20 35	14 59	0 15	4 25			
W12	17 26	18 20	1 23	14 9	0 44	28 2	5 27	11 58	0 36	6 59	1 32	21 12	0 40	19 52	0 13	20 25	0 38	15 40	7 37	20 45	20 35	14 58	0 15	4 24			
T 13	17 42	15 0	2 32	13 37	1 1	27 57	5 23	12 11	0 36	6 57	1 31	21 12	0 40	19 53	0 13	20 25	0 38	15 40	7 37	20 45	20 36	14 56	0 16	4 24			
F 14	17 58	10 47	3 32	13 10	1 17	27 52	5 18	12 25	0 35	6 55	1 31	21 12	0 40	19 54	0 13	20 24	0 38	15 40	7 37	20 45	20 36	14 55	0 17	4 24			
S 15	18 14	5 59	4 19	12 48	1 31	27 45	5 12	12 39	0 35	6 53	1 31	21 12	0 40	19 54	0 13	20 24	0 38	15 40	7 37	20 46	20 37	14 53	0 17	4 23			
S 16	18 29	0 51	4 50	12 31	1 43	27 37	5 6	12 52	0 35	6 51	1 31	21 13	0 40	19 55	0 13	20 24	0 38	15 40	7 37	20 47	20 38	14 52	0 18	4 23			
M17	18 44	4n18	5 3	12 20	1 53	27 29	4 59	13 6	0 34	6 49	1 31	21 13	0 40	19 56	0 13	20 24	0 38	15 40	7 37	20 49	20 38	14 50	0 18	4 23			
T 18	18 59	9 10	4 58	12 15	2 2	27 19	4 52	13 19	0 34	6 48	1 30	21 13	0 40	19 57	0 13	20 24	0 38	15 40	7 37	20 51	20 39	14 48	0 19	4 22			
W19	19 13	13 30	4 36	12 14	2 9	27 9	4 43	13 32	0 33	6 46	1 30	21 13	0 40	19 58	0 13	20 23	0 38	15 40	7 37	20 53	20 40	14 47	0 20	4 22			
T 20	19 27	17 4	3 58	12 18	2 14	26 58	4 34	13 45	0 33	6 44	1 30	21 14	0 40	19 58	0 13	20 23	0 38	15 39	7 37	20 54	20 40	14 45	0 20	4 22			
F 21	19 40	19 40	3 8	12 26	2 17	26 45	4 25	13 58	0 32	6 43	1 30	21 14	0 40	19 59	0 13	20 23	0 38	15 39	7 37	20 56	20 41	14 44	0 21	4 22			
S 22	19 53	21 11	2 10	12 38	2 19	26 32	4 15	14 11	0 32	6 41	1 29	21 14	0 40	20 0	0 13	20 23	0 38	15 39	7 37	20 57	20 41	14 42	0 21	4 21			
S 23	20 6	21 37	1 7	12 53	2 20	26 18	4 4	14 24	0 31	6 40	1 29	21 15	0 40	20 1	0 13	20 23	0 38	15 39	7 37	20 57	20 42	14 40	0 21	4 21			
M24	20 19	20 59	0 1	13 11	2 19	26 2	3 53	14 37	0 31	6 38	1 29	21 15	0 40	20 2	0 13	20 22	0 38	15 39	7 37	20 58	20 43	14 39	0 22	4 21			
T 25	20 31	19 24	1n 3	13 32	2 18	25 46	3 41	14 50	0 30	6 37	1 29	21 16	0 40	20 2	0 13	20 22	0 38	15 39	7 38	20 58	20 43	14 37	0 22	4 20			
W26	20 43	16 59	2 4	13 54	2 16	25 29	3 28	15 2	0 30	6 36	1 28	21 16	0 40	20 3	0 13	20 22	0 38	15 39	7 38	20 57	20 44	14 36	0 23	4 20			
T 27	20 54	13 53	2 59	14 18	2 13	25 12	3 15	15 15	0 29	6 34	1 28	21 16	0 40	20 4	0 13	20 22	0 38	15 39	7 38	20 57	20 44	14 34	0 23	4 20			
F 28	21 5	10 13	3 47	14 43	2 9	24 53	3 1	15 27	0 29	6 33	1 28	21 17	0 40	20 5	0 13	20 21	0 38	15 39	7 38	20 57	20 45	14 32	0 23	4 19			
S 29	21 16	6 7	4 25	15 9	2 5	24 34	2 47	15 39	0 28	6 32	1 28	21 17	0 40	20 5	0 13	20 21	0 38	15 39	7 38	20 58	20 46	14 31	0 24	4 19			
S 30	21s26	1n44	4n52	15s36	2n 0	24s14	2s33	15s51	0n28	6n31	1s27	21n18	0s40	20s 6	0n13	20s21	0n38	15n39	7s38	20n58	20n46	14n29	0s24	4n19			

# ASTRODIENST EPHEMERIS for the year 2651

DECEMBER 2651

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	4 38 6	8♂11'08	19♂23	20♂48	8°R23	15♂45	20°R 9	19°R24	1♂10	25♂32	4°R24	25°R21	26♂29	28♂42	18♂55	M 1
T 2	4 42 3	9°11'40	2♂7	22°13	7♂47	16°25	20°Y 6	19♂21	1°14	25°33	4♂23	25♂14	26°26	28°49	18°55	T 2
W 3	4 46 0	10°12'15	15°12	23°40	7°10	17° 5	20° 4	19°18	1°18	25°35	4°22	25° 6	26°23	28°56	18°55	W 3
T 4	4 49 56	11°12'51	28°37	25° 8	6°35	17°45	20° 1	19°14	1°22	25°37	4°21	24°58	26°20	29° 2	18°55	T 4
F 5	4 53 53	12°13'29	12♂21	26°38	6° 0	18°25	19°59	19°11	1°25	25°39	4°20	24°51	26°17	29° 9	18°56	F 5
S 6	4 57 49	13°14'08	26°20	28° 8	5°25	19° 5	19°57	19° 8	1°29	25°40	4°19	24°46	26°14	29°16	18°56	S 6
S 7	5 1 46	14°14'48	10♂29	29°38	4°52	19°45	19°55	19° 4	1°33	25°42	4°18	24°43	26°10	29°22	18°56	S 7
M 8	5 5 42	15°15'30	24°45	1♂10	4°21	20°25	19°54	19° 0	1°36	25°44	4°16	24°D42	26° 7	29°29	18°57	M 8
T 9	5 9 39	16°16'12	9♂4	2°41	3°51	21° 5	19°52	18°57	1°40	25°46	4°15	24°43	26° 4	29°36	18°57	T 9
W10	5 13 35	17°16'56	23°21	4°14	3°22	21°46	19°51	18°53	1°44	25°48	4°14	24°44	26° 1	29°42	18°58	W10
T 11	5 17 32	18°17'40	7♂34	5°46	2°56	22°26	19°50	18°49	1°47	25°50	4°13	24°45	25°58	29°49	18°58	T 11
F 12	5 21 29	19°18'26	21°42	7°19	2°31	23° 6	19°49	18°45	1°51	25°51	4°12	24°R46	25°55	29°56	18°59	F 12
S 13	5 25 25	20°19'12	5°Y42	8°52	2° 9	23°46	19°48	18°41	1°55	25°53	4°11	24°45	25°51	0♂2	19° 0	S 13
S 14	5 29 22	21°19'59	19°34	10°24	1°49	24°27	19°48	18°37	1°58	25°55	4°10	24°42	25°48	0° 9	19° 1	S 14
M15	5 33 18	22°20'47	3♂17	11°58	1°31	25° 7	19°D48	18°33	2° 2	25°57	4° 9	24°38	25°45	0°16	19° 2	M15
T 16	5 37 15	23°21'36	16°48	13°31	1°16	25°47	19°48	18°29	2° 5	25°59	4° 7	24°33	25°42	0°22	19° 2	T 16
W17	5 41 11	24°22'26	0♂8	15° 4	1° 3	26°28	19°48	18°25	2° 9	26° 1	4° 6	24°28	25°39	0°29	19° 3	W17
T 18	5 45 8	25°23'17	13°13	16°37	0°52	27° 8	19°49	18°20	2°12	26° 3	4° 5	24°23	25°35	0°36	19° 4	T 18
F 19	5 49 4	26°24'08	26° 4	18°11	0°44	27°48	19°49	18°16	2°16	26° 5	4° 4	24°19	25°32	0°42	19° 6	F 19
S 20	5 53 1	27°25'01	8♂40	19°44	0°39	28°29	19°50	18°11	2°19	26° 7	4° 3	24°17	25°29	0°49	19° 7	S 20
S 21	5 56 58	28°25'55	21° 2	21°18	0°36	29° 9	19°51	18° 7	2°23	26° 9	4° 2	24°D16	25°26	0°56	19° 8	S 21
M22	6 0 54	29°26'50	3♂12	22°51	0°D35	29°50	19°52	18° 2	2°26	26°11	4° 0	24°16	25°23	1° 2	19° 9	M22
T 23	6 4 51	0♂27'46	15°11	24°25	0°37	0♂30	19°54	17°58	2°30	26°14	3°59	24°17	25°20	1° 9	19°11	T 23
W24	6 8 47	1°28'42	27° 3	25°59	0°42	1°11	19°56	17°53	2°33	26°16	3°58	24°19	25°16	1°16	19°12	W24
T 25	6 12 44	2°29'40	8♂52	27°32	0°48	1°51	19°57	17°49	2°37	26°18	3°57	24°21	25°13	1°22	19°13	T 25
F 26	6 16 40	3°30'39	20°42	29° 6	0°57	2°32	20° 0	17°44	2°40	26°20	3°56	24°22	25°10	1°29	19°15	F 26
S 27	6 20 37	4°31'38	2♂38	0♂40	1° 8	3°13	20° 2	17°39	2°43	26°22	3°55	24°R23	25° 7	1°36	19°16	S 27
S 28	6 24 33	5°32'39	14°46	2°14	1°22	3°53	20° 4	17°34	2°47	26°24	3°53	24°22	25° 4	1°43	19°18	S 28
M29	6 28 30	6°33'41	27°10	3°48	1°38	4°34	20° 7	17°30	2°50	26°26	3°52	24°21	25° 1	1°49	19°20	M29
T 30	6 32 27	7°34'43	9♂53	5°23	1°55	5°15	20°10	17°25	2°53	26°28	3°51	24°19	24°57	1°56	19°21	T 30
W31	6 36 23	8♂35'47	23♂0	6♂57	2♂15	5♂56	20°Y13	17♂20	2♂56	26♂31	3♂50	24♂17	24♂54	2♂3	19♂23	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	21s36	2s49	5n 7	16s 3	1n54	23s54	2s18	16s 4	0n27	6n30	1s27	21n18	0s40	20s 7	0n13	M 1
T 2	21 45	7 22	5 6	16 31	1 49	23 33	2 3	16 15	0 27	6 29	1 27	21 19	0 40	20 8	0 13	T 2
W 3	21 54	11 43	4 50	16 58	1 43	23 12	1 47	16 27	0 26	6 29	1 27	21 19	0 39	20 8	0 13	W 3
T 4	22 3 15	36	4 17	17 25	1 36	22 51	1 32	16 39	0 26	6 28	1 26	21 20	0 39	20 9	0 13	T 4
F 5	22 11 18	44	3 29	17 53	1 30	22 29	1 17	16 51	0 25	6 27	1 26	21 20	0 39	20 10	0 13	F 5
S 6	22 18 20	50	2 28	18 19	1 23	22 8	1 1	17 2	0 25	6 27	1 26	21 21	0 39	20 11	0 13	S 6
S 7	22 26 21	40	1 17	18 46	1 16	21 47	0 45	17 13	0 24	6 27	1 25	21 21	0 39	20 11	0 13	S 7
M 8	22 32 21	6	0s 0	19 12	1 9	21 26	0 30	17 24	0 24	6 26	1 25	21 22	0 39	20 12	0 13	M 8
T 9	22 39 19	10	1 17	19 37	1 2	21 5	0 15	17 36	0 23	6 26	1 25	21 22	0 39	20 13	0 13	T 9
W10	22 45 16	3	2 30	20 1	0 55	20 45	0n 0	17 46	0 23	6 26	1 25	21 23	0 39	20 14	0 13	W10
T 11	22 50 11	59	3 32	20 25	0 48	20 25	0 15	17 57	0 22	6 26	1 24	21 24	0 39	20 14	0 13	T 11
F 12	22 55 7	18	4 22	20 47	0 40	20 6	0 30	18 8	0 22	6 26	1 24	21 24	0 39	20 15	0 13	F 12
S 13	23 0 2	16	4 55	21 9	0 33	19 48	0 44	18 18	0 21	6 26	1 24	21 25	0 39	20 16	0 13	S 13
S 14	23 4 2n50	5 11	21 30	0 26	19 31	0 57	18 29	0 21	6 26	1 23	21 25	0 39	20 17	0 13	20 16	S 14
M15	23 8 7 43	5 9	21 50	0 19	19 14	1 11	18 39	0 20	6 26	1 23	21 26	0 39	20 17	0 13	20 16	M15
T 16	23 11 12	10	4 49	22 9	0 11	18 58	1 24	18 49	0 19	6 26	1 23	21 27	0 39	20 18	0 13	T 16
W17	23 14 15	58	4 14	22 27	0 4	18 44	1 36	18 59	0 19	6 27	1 22	21 27	0 39	20 19	0 13	W17
T 18	23 16 18	54	3 26	22 44	0s 3	18 30	1 48	19 9	0 18	6 27	1 22	21 28	0 39	20 19	0 13	T 18
F 19	23 18 20	49	2 29	22 59	0 10	18 17	2 0	19 19	0 18	6 28	1 22	21 29	0 38	20 20	0 13	F 19
S 20	23 20 21	40	1 25	23 14	0 16	18 5	2 11	19 28	0 17	6 28	1 22	21 29	0 38	20 21	0 13	S 20
S 21	23 21 21	25	0 18	23 27	0 23	17 54	2 21	19 38	0 17	6 29	1 21	21 30	0 38	20 21	0 13	S 21
M22	23 21 20	10	0n49	23 39	0 30	17 44	2 31	19 47	0 16	6 30	1 21	21 31	0 38	20 22	0 13	M22
T 23	23 21 18	1	1 53	23 50	0 36	17 35	2 41	19 56	0 16	6 30	1 21	21 31	0 38	20 23	0 13	T 23
W24	23 21 15	8	2 51	24 0	0 43	17 27	2 50	20 5	0 15	6 31	1 20	21 32	0 38	20 23	0 13	W24
T 25	23 20 11	39	3 42	24 9	0 49	17 20	2 58	20 13	0 14	6 32	1 20	21 33	0 38	20 24	0 13	T 25
F 26	23 18 7	42	4 23	24 16	0 55	17 14	3 6	20 22	0 14	6 33	1 20	21 33	0 38	20 25	0 13	F 26
S 27	23 17 3	27	4 54	24 22	1 1	17 9	3 14	20 30	0 13	6 35	1 19	21 34	0 38	20 25	0 13	S 27
S 28	23 14 1s 0	5 12	24 27	1 6	17 5	3 21	20 39	0 13	6 36	1 19	21 35	0 38	20 26	0 12	20 11	S 28
M29	23 11 5	31	5 16	24 30	1 12	17 1	3 28	20 47	0 12	6 37	1 19	21 36	0 38	20 27	0 12	M29
T 30	23 8 9	54	5 5	24 32	1 17	16 59	3 34	20 55	0 11	6 38	1 19	21 36	0 38	20 27	0 12	T 30
W31	23s 5	13s59	4n38	24s33	1s23	16s57	3n40	21s 2	0n11	6n40	1s18	21n37	0s37	20s28	0n12	W31

Julian Day Number = 2689651.5, Delta T = 23m43s  
 Ecliptic obliquity = 23°21'12, Nutation = - 0°00'17  
 Ayanamsha: Fagan/Bradley = 33°51'34, Lahiri = 32°58'34

## ASTRODIENST EPHEMERIS for the year 2652

JANUARY 2652

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 40 20	9°36'51	6°31	8°32	2°36	6°36	20°16	17°R15	3°0	26°33	3°R49	24°R15	24°51	2°9	19°25	T 1
F 2	6 44 16	10°37'56	20°26	10° 7	3° 0	7°17	20°20	17°510	3° 3	26°35	3°48	24°513	24°48	2°16	19°27	F 2
S 3	6 48 13	11°39'02	4°343	11°42	3°25	7°58	20°24	17° 5	3° 6	26°37	3°46	24°12	24°45	2°23	19°29	S 3
S 4	6 52 9	12°40'08	19°16	13°17	3°52	8°39	20°27	17° 0	3° 9	26°39	3°45	24°D11	24°41	2°29	19°31	S 4
M 5	6 56 6	13°41'15	4°0	14°53	4°21	9°20	20°31	16°55	3°12	26°42	3°44	24°11	24°38	2°36	19°33	M 5
T 6	7 0 3	14°42'22	18°47	16°29	4°51	10° 1	20°36	16°50	3°15	26°44	3°43	24°12	24°35	2°43	19°35	T 6
W 7	7 3 59	15°43'28	3°30	18° 5	5°23	10°42	20°40	16°46	3°18	26°46	3°42	24°13	24°32	2°49	19°37	W 7
T 8	7 7 56	16°44'35	18° 4	19°41	5°56	11°23	20°45	16°41	3°21	26°48	3°41	24°13	24°29	2°56	19°39	T 8
F 9	7 11 52	17°45'42	2°23	21°18	6°31	12° 4	20°50	16°36	3°24	26°51	3°39	24°14	24°26	3° 3	19°41	F 9
S 10	7 15 49	18°46'49	16°27	22°55	7° 7	12°45	20°55	16°31	3°27	26°53	3°38	24°R14	24°22	3° 9	19°43	S 10
S 11	7 19 45	19°47'56	0°12	24°32	7°45	13°26	21° 0	16°26	3°30	26°55	3°37	24°14	24°19	3°16	19°46	S 11
M12	7 23 42	20°49'02	13°40	26° 9	8°23	14° 7	21° 5	16°21	3°33	26°57	3°36	24°14	24°16	3°23	19°48	M12
T 13	7 27 38	21°50'09	26°52	27°47	9° 3	14°48	21°11	16°16	3°36	27° 0	3°35	24°13	24°13	3°29	19°50	T 13
W14	7 31 35	22°51'15	9°48	29°25	9°44	15°29	21°17	16°11	3°38	27° 2	3°34	24°13	24°10	3°36	19°53	W14
T 15	7 35 32	23°52'21	22°31	1°3	10°27	16°10	21°23	16° 6	3°41	27° 4	3°33	24°D13	24° 7	3°43	19°55	T 15
F 16	7 39 28	24°53'28	5°1	2°42	11°10	16°52	21°29	16° 1	3°44	27° 6	3°32	24°13	24° 3	3°49	19°58	F 16
S 17	7 43 25	25°54'34	17°20	4°20	11°54	17°33	21°35	15°56	3°46	27° 9	3°31	24°13	24° 0	3°56	20° 0	S 17
S 18	7 47 21	26°55'39	29°29	5°59	12°40	18°14	21°41	15°52	3°49	27°11	3°30	24°R13	23°57	4° 3	20° 3	S 18
M19	7 51 18	27°56'45	11°230	7°38	13°26	18°55	21°48	15°47	3°52	27°13	3°28	24°13	23°54	4° 9	20° 6	M19
T 20	7 55 14	28°57'51	23°25	9°18	14°13	19°37	21°55	15°42	3°54	27°16	3°27	24°13	23°51	4°16	20° 8	T 20
W21	7 59 11	29°58'57	5°16	10°57	15° 2	20°18	22° 2	15°37	3°57	27°18	3°26	24°12	23°47	4°23	20°11	W21
T 22	8 3 7	1°0'02	17° 5	12°36	15°51	20°59	22° 9	15°33	3°59	27°20	3°25	24°11	23°44	4°29	20°14	T 22
F 23	8 7 4	2° 1'07	28°56	14°15	16°41	21°41	22°16	15°28	4° 1	27°22	3°24	24°10	23°41	4°36	20°17	F 23
S 24	8 11 1	3° 2'13	10°52	15°53	17°31	22°22	22°23	15°23	4° 4	27°25	3°23	24° 9	23°38	4°43	20°20	S 24
S 25	8 14 57	4° 3'18	22°58	17°31	18°23	23° 4	22°31	15°19	4° 6	27°27	3°22	24° 8	23°35	4°49	20°23	S 25
M26	8 18 54	5° 4'23	5°17	19° 9	19°15	23°45	22°39	15°14	4° 8	27°29	3°21	24°D 8	23°32	4°56	20°25	M26
T 27	8 22 50	6° 5'28	17°55	20°46	20° 8	24°27	22°46	15°10	4°11	27°31	3°20	24° 8	23°28	5° 3	20°28	T 27
W28	8 26 47	7° 6'33	0°55	22°21	21° 2	25° 8	22°55	15° 5	4°13	27°34	3°19	24° 9	23°25	5° 9	20°31	W28
T 29	8 30 43	8° 7'38	14°20	23°55	21°56	25°50	23° 3	15° 1	4°15	27°36	3°18	24°10	23°22	5°16	20°34	T 29
F 30	8 34 40	9° 8'43	28°13	25°28	22°51	26°31	23°11	14°57	4°17	27°38	3°18	24°11	23°19	5°23	20°38	F 30
S 31	8 38 36	10°9'47	12°32	26°58	23°46	27°13	23°19	14°52	4°19	27°40	3°17	24°12	23°16	5°30	20°41	S 31

Day	☉	☾		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	23s 0	17s28	3n54	24s32	1s27	16s56	3n45	21s10	0n10	6n41	1s18	21n38	0s37	20s29	0n12	20s10	0n37	15n41	7s37	21n11	21n 5	13n35	0s21	4n 9				
F 2	22 56	20 5	2 56	24 30	1 32	16 55	3 50	21 17	0 10	6 43	1 18	21 38	0 37	20 29	0 12	20 9	0 37	15 41	7 37	21 12	21 5	13 33	0 21	4 9				
S 3	22 51	21 30	1 46	24 27	1 37	16 55	3 54	21 25	0 9	6 45	1 17	21 39	0 37	20 30	0 12	20 9	0 37	15 41	7 37	21 12	21 6	13 32	0 20	4 8				
S 4	22 45	21 31	0 27	24 22	1 41	16 56	3 59	21 32	0 8	6 46	1 17	21 40	0 37	20 30	0 12	20 9	0 37	15 41	7 37	21 12	21 7	13 30	0 20	4 8				
M 5	22 39	20 4	0s54	24 16	1 45	16 58	4 2	21 39	0 8	6 48	1 17	21 40	0 37	20 31	0 12	20 8	0 37	15 41	7 37	21 12	21 7	13 28	0 19	4 8				
T 6	22 33	17 14	2 12	24 8	1 49	17 0	4 6	21 45	0 7	6 50	1 17	21 41	0 37	20 32	0 12	20 8	0 37	15 41	7 37	21 12	21 8	13 26	0 19	4 7				
W 7	22 26	13 19	3 21	23 59	1 52	17 2	4 9	21 52	0 6	6 52	1 16	21 42	0 37	20 32	0 12	20 7	0 37	15 41	7 37	21 12	21 8	13 25	0 18	4 7				
T 8	22 19	8 38	4 17	23 49	1 55	17 5	4 12	21 58	0 6	6 54	1 16	21 43	0 37	20 33	0 12	20 7	0 37	15 42	7 37	21 12	21 9	13 23	0 18	4 7				
F 9	22 11	3 34	4 55	23 37	1 58	17 8	4 14	22 4	0 5	6 56	1 16	21 43	0 37	20 33	0 12	20 6	0 37	15 42	7 37	21 11	21 9	13 21	0 17	4 7				
S 10	22 3	1n36	5 15	23 24	2 1	17 12	4 16	22 10	0 5	6 58	1 15	21 44	0 36	20 34	0 12	20 6	0 37	15 42	7 37	21 11	21 10	13 19	0 16	4 6				
S 11	21 54	6 34	5 16	23 9	2 3	17 16	4 18	22 16	0 4	7 0	1 15	21 45	0 36	20 34	0 12	20 6	0 37	15 42	7 36	21 11	21 11	13 18	0 16	4 6				
M12	21 45	11 7	5 0	22 53	2 5	17 21	4 20	22 22	0 3	7 3	1 15	21 45	0 36	20 35	0 12	20 5	0 37	15 42	7 36	21 11	21 11	13 16	0 15	4 6				
T 13	21 35	15 3	4 28	22 36	2 6	17 26	4 21	22 27	0 3	7 5	1 15	21 46	0 36	20 36	0 12	20 5	0 37	15 42	7 36	21 12	21 12	13 14	0 14	4 6				
W14	21 26	18 10	3 43	22 17	2 8	17 31	4 22	22 32	0 2	7 7	1 14	21 47	0 36	20 36	0 12	20 4	0 37	15 42	7 36	21 12	21 12	13 12	0 14	4 5				
T 15	21 15	20 22	2 47	21 56	2 8	17 36	4 23	22 37	0 1	7 10	1 14	21 48	0 36	20 37	0 12	20 4	0 37	15 42	7 36	21 12	21 13	13 10	0 13	4 5				
F 16	21 4	21 31	1 45	21 35	2 9	17 41	4 23	22 42	0 1	7 12	1 14	21 48	0 36	20 37	0 12	20 4	0 37	15 43	7 36	21 12	21 13	13 9	0 12	4 5				
S 17	20 53	21 36	0 38	21 11	2 9	17 47	4 24	22 46	0s 0	7 15	1 13	21 49	0 36	20 38	0 12	20 3	0 37	15 43	7 36	21 12	21 14	13 7	0 12	4 5				
S 18	20 42	20 40	0n29	20 47	2 8	17 52	4 24	22 51	0 1	7 17	1 13	21 50	0 36	20 38	0 12	20 3	0 37	15 43	7 36	21 12	21 14	13 5	0 11	4 4				
M19	20 30	18 47	1 35	20 20	2 7	17 58	4 23	22 55	0 1	7 20	1 13	21 50	0 35	20 39	0 12	20 2	0 37	15 43	7 36	21 12	21 15	13 3	0 10	4 4				
T 20	20 18	16 6	2 35	19 53	2 6	18 4	4 23	22 59	0 2	7 23	1 13	21 51	0 35	20 39	0 12	20 2	0 37	15 43	7 35	21 12	21 15	13 1	0 9	4 4				
W21	20 5	12 47	3 29	19 24	2 3	18 10	4 22	23 3	0 3	7 26	1 12	21 52	0 35	20 39	0 12	20 1	0 37	15 43	7 35	21 12	21 16	13 0	0 8	4 4				
T 22	19 52	8 58	4 13	18 54	2 1	18 16	4 22	23 6	0 3	7 29	1 12	21 52	0 35	20 40	0 12	20 1	0 37	15 44	7 35	21 12	21 17	12 58	0 7	4 3				
F 23	19 38	4 49	4 47	18 22	1 58	18 22	4 21	23 10	0 4	7 32	1 12	21 53	0 35	20 40	0 12	20 1	0 37	15 44	7 35	21 12	21 17	12 56	0 6	4 3				
S 24	19 25	0 27	5 9	17 50	1 54	18 28	4 19	23 13	0 5	7 34	1 12	21 54	0 35	20 41	0 12	20 0	0 37	15 44	7 35	21 12	21 18	12 54	0 6	4 3				
S 25	19 10	3s59	5 17	17 16	1 49	18 34	4 18	23 16	0 6	7 38	1 11	21 54	0 35	20 41	0 12	20 0	0 37	15 44	7 35	21 12	21 18	12 52	0 5	4 3				
M26	18 56	8 20	5 11	16 41	1 44	18 40	4 16	23 19	0 6	7 41	1 11	21 55	0 35	20 42	0 12	19 59	0 37	15 44	7 35	21 12	21 19	12 50	0 4	4 2				
T 27	18 41	12 27	4 50	16 5	1 38	18 45	4 15	23 21	0 7	7 44	1 11	21 56	0 34	20 42	0 12	19 59	0 37	15 44	7 35	21 12	21 19	12 49	0 3	4 2				
W28	18 26	16 7	4 14	15 28	1 32	18 51	4 13	23 24	0 8	7 47	1 11	21 56	0 34	20 42	0 12	19 58	0 37	15 44	7 34	21 12	21 20	12 47	0 2	4 2				
T29	18 10	19 4	3 23	14 50	1 25	18 56	4 11	23 26	0 8	7 50	1 10	21 57	0 34	20 43	0 12	19 58	0 37	15 45	7 34	21 12	21 20	12 45	0 1	4 2				
F 30	17 54	21 1	2 19	14 11	1 16	19 2	4 8	23 28	0 9	7 53	1 10	21 57	0 34	20 43	0 12	19 57	0 37	15 45	7 34	21 12	21 21	12 43	0n 0	4 2				
S 31	17s38	21s42	1n 4	13s32	1s 8	19s 7	4n 6	23s29	0s10	7n57	1s10	21n58	0s34	20s44	0n12	19s57	0n37	15n45	7s34	21n12	21n21	12n41	0n 1	4n 1				

# ASTRODIENST EPHEMERIS for the year 2652

FEBRUARY 2652

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 42 33	11°15'51	27°14	28°26	24°43	27°55	23°28	14°R48	4°21	27°43	3°R16	24°R13	23°13	5°36	20°44	S 1
M 2	8 46 30	12°11'55	12°14	29°50	25°39	28°36	23°37	14°44	4°23	27°45	3°15	24°12	23° 9	5°43	20°47	M 2
T 3	8 50 26	13°12'57	27°23	1°11	26°36	29°18	23°46	14°40	4°25	27°47	3°14	24°10	23° 6	5°50	20°50	T 3
W 4	8 54 23	14°13'59	12°31	2°28	27°34	29°59	23°55	14°36	4°27	27°49	3°13	24° 8	23° 3	5°56	20°53	W 4
T 5	8 58 19	15°15'00	27°29	3°39	28°32	0°42	24° 4	14°32	4°29	27°51	3°12	24° 5	23° 0	6° 3	20°57	T 5
F 6	9 2 16	16°16'00	12°10	4°45	29°31	1°23	24°13	14°28	4°31	27°54	3°11	24° 2	22°57	6°10	21° 0	F 6
S 7	9 6 12	17°16'59	26°27	5°44	0°30	2° 5	24°23	14°25	4°32	27°56	3°11	24° 0	22°53	6°16	21° 3	S 7
S 8	9 10 9	18°17'57	10°19	6°36	1°29	2°47	24°32	14°21	4°34	27°58	3°10	23°59	22°50	6°23	21° 7	S 8
M 9	9 14 5	19°18'54	23°46	7°19	2°29	3°29	24°42	14°17	4°36	28° 0	3° 9	23°D58	22°47	6°30	21°10	M 9
T 10	9 18 2	20°19'49	6°15	7°53	3°30	4°11	24°52	14°14	4°37	28° 2	3° 8	23°59	22°44	6°36	21°13	T 10
W 11	9 21 59	21°20'44	19°34	8°18	4°30	4°53	25° 2	14°10	4°39	28° 4	3° 8	24° 1	22°41	6°43	21°17	W 11
T 12	9 25 55	22°21'37	2° 2	8°32	5°31	5°35	25°12	14° 7	4°40	28° 7	3° 7	24° 3	22°38	6°50	21°20	T 12
F 13	9 29 52	23°22'29	14°16	8°R35	6°33	6°17	25°22	14° 4	4°42	28° 9	3° 6	24° 4	22°34	6°56	21°24	F 13
S 14	9 33 48	24°23'20	26°21	8°27	7°35	6°59	25°32	14° 1	4°43	28°11	3° 5	24°R 4	22°31	7° 3	21°27	S 14
S 15	9 37 45	25°24'09	8°19	8° 7	8°37	7°41	25°43	13°57	4°44	28°13	3° 5	24° 3	22°28	7°10	21°31	S 15
M 16	9 41 41	26°24'58	20°12	7°37	9°40	8°23	25°53	13°54	4°45	28°15	3° 4	24° 1	22°25	7°16	21°34	M 16
T 17	9 45 38	27°25'45	2° 3	6°57	10°42	9° 5	26° 4	13°52	4°47	28°17	3° 3	23°56	22°22	7°23	21°38	T 17
W 18	9 49 34	28°26'31	13°54	6° 8	11°46	9°47	26°14	13°49	4°48	28°19	3° 3	23°50	22°19	7°30	21°42	W 18
T 19	9 53 31	29°27'16	25°45	5°11	12°49	10°29	26°25	13°46	4°49	28°21	3° 2	23°44	22°15	7°36	21°45	T 19
F 20	9 57 28	0°28'00	7°39	4° 7	13°53	11°11	26°36	13°43	4°50	28°23	3° 2	23°37	22°12	7°43	21°49	F 20
S 21	10 1 24	1°28'42	19°39	2°59	14°57	11°53	26°47	13°41	4°51	28°25	3° 1	23°30	22° 9	7°50	21°53	S 21
S 22	10 5 21	2°29'24	1°47	1°49	16° 1	12°36	26°59	13°39	4°52	28°27	3° 1	23°24	22° 6	7°57	21°56	S 22
M 23	10 9 17	3°30'05	14° 6	0°38	17° 6	13°18	27°10	13°36	4°53	28°29	3° 0	23°21	22° 3	8° 3	22° 0	M 23
T 24	10 13 14	4°30'45	26°39	29°29	18°11	14° 0	27°21	13°34	4°54	28°31	3° 0	23°19	21°59	8°10	22° 4	T 24
W 25	10 17 10	5°31'23	9°32	28°23	19°16	14°42	27°33	13°32	4°54	28°33	2°59	23°D18	21°56	8°17	22° 7	W 25
T 26	10 21 7	6°32'01	22°47	27°21	20°21	15°25	27°44	13°30	4°55	28°35	2°59	23°19	21°53	8°23	22°11	T 26
F 27	10 25 3	7°32'38	6°38	26°24	21°27	16° 7	27°56	13°28	4°56	28°37	2°58	23°21	21°50	8°30	22°15	F 27
S 28	10 29 0	8°33'13	20°36	25°35	22°32	16°50	28° 8	13°26	4°56	28°38	2°58	23°R21	21°47	8°37	22°18	S 28
S 29	10 32 57	9°33'47	5°11	24°52	23°38	17°32	28°19	13°24	4°57	28°40	2°57	23°21	21°44	8°43	22°22	S 29

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	17s21	20s55	0s17	12s53	0s58	19s12	4n 4	23s31	0s11	8n 0	1s10	21n59	0s34	20s44	0n12	19s57
M 2	17 5	18 38	1 38	12 13	0 47	19 16	4 1	23 32	0 11	8 4	1 9	21 59	0 34	20 44	0 12	19 56
T 3	16 47	15 3	2 53	11 34	0 36	19 21	3 58	23 33	0 12	8 7	1 9	22 0	0 33	20 45	0 12	19 56
W 4	16 30	10 29	3 56	10 55	0 23	19 25	3 55	23 34	0 13	8 11	1 9	22 0	0 33	20 45	0 12	19 55
T 5	16 12	5 19	4 42	10 17	0 10	19 28	3 52	23 35	0 14	8 14	1 9	22 1	0 33	20 45	0 12	19 55
F 6	15 54	0n 3	5 8	9 40	0n 4	19 32	3 49	23 35	0 14	8 18	1 8	22 1	0 33	20 46	0 12	19 54
S 7	15 36	5 16	5 15	9 5	0 19	19 35	3 46	23 35	0 15	8 21	1 8	22 2	0 33	20 46	0 12	19 54
S 8	15 17	10 4	5 2	8 32	0 34	19 38	3 43	23 35	0 16	8 25	1 8	22 2	0 33	20 46	0 12	19 54
M 9	14 59	14 14	4 34	8 1	0 51	19 41	3 39	23 35	0 17	8 29	1 8	22 3	0 33	20 47	0 12	19 53
T 10	14 39	17 34	3 51	7 32	1 7	19 43	3 36	23 35	0 17	8 33	1 8	22 3	0 32	20 47	0 12	19 53
W 11	14 20	19 59	2 58	7 8	1 24	19 45	3 32	23 34	0 18	8 36	1 7	22 4	0 32	20 47	0 12	19 52
T 12	14 1	21 22	1 58	6 47	1 41	19 46	3 28	23 33	0 19	8 40	1 7	22 4	0 32	20 47	0 12	19 52
F 13	13 41	21 42	0 54	6 30	1 58	19 47	3 25	23 32	0 20	8 44	1 7	22 5	0 32	20 48	0 12	19 52
S 14	13 21	21 1	0n12	6 17	2 15	19 48	3 21	23 31	0 21	8 48	1 7	22 5	0 32	20 48	0 12	19 51
S 15	13 0	19 22	1 17	6 9	2 31	19 48	3 17	23 29	0 21	8 52	1 7	22 6	0 32	20 48	0 12	19 51
M 16	12 40	16 53	2 18	6 6	2 46	19 48	3 13	23 28	0 22	8 56	1 6	22 6	0 32	20 48	0 12	19 50
T 17	12 19	13 42	3 13	6 8	3 0	19 47	3 9	23 26	0 23	9 0	1 6	22 7	0 31	20 49	0 12	19 50
W 18	11 58	9 59	3 59	6 15	3 12	19 46	3 5	23 23	0 24	9 4	1 6	22 7	0 31	20 49	0 12	19 49
T 19	11 37	5 53	4 35	6 26	3 22	19 45	3 0	23 21	0 25	9 8	1 6	22 8	0 31	20 49	0 12	19 49
F 20	11 16	1 33	4 59	6 42	3 30	19 43	2 56	23 18	0 25	9 12	1 6	22 8	0 31	20 49	0 12	19 49
S 21	10 55	2s53	5 10	7 0	3 36	19 40	2 52	23 16	0 26	9 17	1 5	22 8	0 31	20 49	0 12	19 48
S 22	10 33	7 14	5 7	7 22	3 40	19 37	2 48	23 13	0 27	9 21	1 5	22 9	0 31	20 50	0 12	19 48
M 23	10 11	11 23	4 50	7 46	3 41	19 34	2 43	23 9	0 28	9 25	1 5	22 9	0 31	20 50	0 12	19 47
T 24	9 49	15 8	4 20	8 11	3 39	19 30	2 39	23 6	0 29	9 29	1 5	22 10	0 30	20 50	0 12	19 47
W 25	9 27	18 15	3 35	8 37	3 36	19 26	2 34	23 2	0 30	9 33	1 5	22 10	0 30	20 50	0 12	19 47
T 26	9 5	20 32	2 38	9 3	3 30	19 21	2 30	22 58	0 30	9 38	1 4	22 10	0 30	20 50	0 13	19 46
F 27	8 43	21 42	1 30	9 29	3 23	19 16	2 25	22 54	0 31	9 42	1 4	22 11	0 30	20 50	0 13	19 46
S 28	8 20	21 32	0 15	9 54	3 14	19 10	2 21	22 50	0 32	9 46	1 4	22 11	0 30	20 50	0 13	19 46
S 29	7s57	19s56	1s 4	10s18	3n 4	19s 3	2n16	22s45	0s33	9n51	1s 4	22n11	0s30	20s50	0n13	19s45

Julian Day Number = 2689713.5, Delta T = 23m44s  
 Ecliptic obliquity = 23°21'13, Nutation = - 0°00'15  
 Ayanamsha: Fagan/Bradley = 33°51'43, Lahiri = 32°58'43

# ASTRODIENST EPHEMERIS for the year 2652

MARCH 2652

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	10 36 53	10°34'20"	20°08' 8"	24°R17	24°34'5	18°31'4	28°31'3	13°R23	4°37'5	28°34'2	2°R57	23°R18	21°34'0	8°37'50	22°34'26	M 1
T 2	10 40 50	11°34'52"	5°34'21"	23°35'50	25°51	18°57	28°43	13°32'1	4°58	28°44	2°56	23°34'7	21°37	8°57	22°30	T 2
W 3	10 44 46	12°35'21"	20°40	23°30	26°58	19°39	28°55	13°20	4°58	28°46	2°56	23° 7	21°34	9° 3	22°34	W 3
T 4	10 48 43	13°35'50"	5°34'53"	23°18	28° 4	20°22	29° 8	13°19	4°59	28°47	2°56	22°59	21°31	9°10	22°37	T 4
F 5	10 52 39	14°36'16"	20°51	23°D12	29°11	21° 4	29°20	13°18	4°59	28°49	2°56	22°51	21°28	9°17	22°41	F 5
S 6	10 56 36	15°36'41"	5°34'24"	23°14	0°18	21°47	29°32	13°17	4°59	28°51	2°56	22°43	21°25	9°23	22°45	S 6
S 7	11 0 32	16°37'04"	19°29	23°22	1°26	22°29	29°45	13°16	4°59	28°53	2°55	22°38	21°21	9°30	22°49	S 7
M 8	11 4 29	17°37'25"	3°11' 4"	23°37	2°33	23°12	29°57	13°15	4°59	28°54	2°55	22°35	21°18	9°37	22°53	M 8
T 9	11 8 25	18°37'45"	16°11	23°57	3°41	23°55	0°10	13°14	4°59	28°56	2°55	22°D34	21°15	9°44	22°57	T 9
W10	11 12 22	19°38'02"	28°54	24°22	4°48	24°37	0°22	13°14	4°R59	28°57	2°55	22°34	21°12	9°50	23° 0	W10
T 11	11 16 19	20°38'17"	11°36'16"	24°52	5°56	25°20	0°35	13°13	4°59	28°59	2°55	22°35	21° 9	9°57	23° 4	T 11
F 12	11 20 15	21°38'30"	23°24	25°27	7° 4	26° 3	0°48	13°13	4°59	29° 1	2°54	22°R36	21° 5	10° 4	23° 8	F 12
S 13	11 24 12	22°38'42"	5°34'22"	26° 7	8°12	26°45	1° 1	13°13	4°59	29° 2	2°54	22°35	21° 2	10°10	23°12	S 13
S 14	11 28 8	23°38'51"	17°13	26°50	9°21	27°28	1°14	13°12	4°59	29° 4	2°54	22°31	20°59	10°17	23°16	S 14
M15	11 32 5	24°38'59"	29° 2	27°37	10°29	28°11	1°27	13°D12	4°59	29° 5	2°54	22°26	20°56	10°24	23°20	M15
T 16	11 36 1	25°39'04"	10°36'52"	28°27	11°38	28°53	1°40	13°13	4°58	29° 7	2°54	22°17	20°53	10°30	23°23	T 16
W17	11 39 58	26°39'08"	22°44	29°21	12°46	29°36	1°53	13°13	4°58	29° 8	2°D54	22° 6	20°50	10°37	23°27	W17
T 18	11 43 54	27°39'09"	4°34'44"	0°18	13°55	0°19	2° 6	13°13	4°58	29° 9	2°54	21°54	20°46	10°44	23°31	T 18
F 19	11 47 51	28°39'09"	16°41	1°17	15° 4	1° 2	2°19	13°13	4°57	29°11	2°54	21°41	20°43	10°50	23°35	F 19
S 20	11 51 48	29°39'07"	28°49	2°19	16°13	1°45	2°32	13°14	4°57	29°12	2°54	21°29	20°40	10°57	23°39	S 20
S 21	11 55 44	0°39'04"	11°36' 6"	3°24	17°22	2°28	2°46	13°15	4°56	29°14	2°54	21°18	20°37	11° 4	23°42	S 21
M22	11 59 41	1°38'59"	23°32	4°31	18°32	3°10	2°59	13°15	4°55	29°15	2°54	21° 9	20°34	11°10	23°46	M22
T 23	12 3 37	2°38'52"	6°34'10"	5°40	19°41	3°53	3°12	13°16	4°55	29°16	2°55	21° 4	20°30	11°17	23°50	T 23
W24	12 7 34	3°38'44"	19° 2	6°51	20°50	4°36	3°26	13°17	4°54	29°17	2°55	21° 1	20°27	11°24	23°54	W24
T 25	12 11 30	4°38'34"	2°34'13"	8° 4	22° 0	5°19	3°40	13°18	4°53	29°19	2°55	21°D 0	20°24	11°31	23°58	T 25
F 26	12 15 27	5°38'22"	15°45	9°19	23°10	6° 2	3°53	13°20	4°52	29°20	2°55	21°R 0	20°21	11°37	24° 1	F 26
S 27	12 19 23	6°38'09"	29°39	10°36	24°19	6°45	4° 7	13°21	4°51	29°21	2°55	21° 0	20°18	11°44	24° 5	S 27
S 28	12 23 20	7°37'54"	13°38'58"	11°54	25°29	7°28	4°20	13°22	4°50	29°22	2°56	20°58	20°15	11°51	24° 9	S 28
M29	12 27 17	8°37'37"	28°40	13°15	26°39	8°11	4°34	13°24	4°49	29°23	2°56	20°54	20°11	11°57	24°13	M29
T 30	12 31 13	9°37'19"	13°38'39"	14°37	27°49	8°54	4°48	13°26	4°48	29°24	2°56	20°47	20° 8	12° 4	24°16	T 30
W31	12 35 10	10°36'58"	28°34'48"	16°38' 0"	28°34'59"	9°33'37"	5°34' 2"	13°27	4°47	29°25	2°56	20°38	20° 5	12°11	24°20	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	7s35	16s55	2s20	10s40	2n52	18s57	2n12	22s40	0s34	9n55	1s 4	22n12	0s30	20s51	0n13	M 1
T 2	7 12	12 43	3 27	11 0	2 40	18 49	2 7	22 36	0 35	10 0	1 4	22 12	0 29	20 51	0 13	T 2
W 3	6 49	7 40	4 19	11 19	2 28	18 41	2 2	22 30	0 36	10 4	1 3	22 12	0 29	20 51	0 13	W 3
T 4	6 26	2 10	4 53	11 35	2 15	18 33	1 58	22 25	0 36	10 8	1 3	22 12	0 29	20 51	0 13	T 4
F 5	6 2	3n22	5 7	11 49	2 1	18 24	1 53	22 19	0 37	10 13	1 3	22 13	0 29	20 51	0 13	F 5
S 6	5 39	8 34	4 59	12 1	1 48	18 15	1 48	22 14	0 38	10 17	1 3	22 13	0 29	20 51	0 13	S 6
S 7	5 16	13 8	4 34	12 11	1 35	18 5	1 44	22 8	0 39	10 22	1 3	22 13	0 29	20 51	0 13	S 7
M 8	4 52	16 52	3 54	12 19	1 21	17 55	1 39	22 1	0 40	10 26	1 3	22 13	0 28	20 51	0 13	M 8
T 9	4 29	19 37	3 3	12 25	1 8	17 44	1 35	21 55	0 41	10 31	1 2	22 14	0 28	20 51	0 13	T 9
W10	4 5	5 21	2 4	12 29	0 55	17 32	1 30	21 48	0 42	10 35	1 2	22 14	0 28	20 51	0 13	W10
T 11	3 42	21 52	1 0	12 31	0 43	17 21	1 25	21 42	0 43	10 40	1 2	22 14	0 28	20 51	0 13	T 11
F 12	3 18	21 24	0n 4	12 31	0 30	17 8	1 21	21 35	0 43	10 45	1 2	22 14	0 28	20 51	0 13	F 12
S 13	2 55	19 57	1 8	12 29	0 18	16 55	1 16	21 27	0 44	10 49	1 2	22 14	0 28	20 51	0 13	S 13
S 14	2 31	17 39	2 8	12 25	0 7	16 42	1 11	21 20	0 45	10 54	1 2	22 15	0 28	20 51	0 13	S 14
M15	2 7	14 36	3 2	12 20	0s 5	16 28	1 7	21 12	0 46	10 58	1 1	22 15	0 27	20 51	0 13	M15
T 16	1 43	10 59	3 48	12 13	0 15	16 14	1 2	21 5	0 47	11 3	1 1	22 15	0 27	20 51	0 13	T 16
W17	1 20	6 55	4 24	12 4	0 26	16 0	0 58	20 57	0 48	11 8	1 1	22 15	0 27	20 51	0 13	W17
T 18	0 56	2 34	4 49	11 53	0 36	15 44	0 53	20 48	0 49	11 12	1 1	22 15	0 27	20 51	0 13	T 18
F 19	0 32	1s54	5 1	11 41	0 45	15 29	0 49	20 40	0 50	11 17	1 1	22 15	0 27	20 50	0 13	F 19
S 20	0 8	6 21	4 59	11 28	0 54	15 13	0 44	20 32	0 51	11 22	1 1	22 15	0 27	20 50	0 13	S 20
S 21	0n15	10 35	4 44	11 13	1 3	14 56	0 40	20 23	0 52	11 26	1 1	22 15	0 27	20 50	0 13	S 21
M22	0 39	14 27	4 16	10 56	1 11	14 39	0 36	20 14	0 53	11 31	1 1	22 15	0 26	20 50	0 13	M22
T 23	1 3	17 45	3 34	10 38	1 19	14 22	0 31	20 5	0 54	11 36	1 0	22 16	0 26	20 50	0 13	T 23
W24	1 27	20 14	2 41	10 19	1 27	14 4	0 27	19 56	0 55	11 40	1 0	22 16	0 26	20 50	0 13	W24
T 25	1 50	21 42	1 38	9 58	1 34	13 46	0 23	19 46	0 55	11 45	1 0	22 16	0 26	20 50	0 13	T 25
F 26	2 14	21 58	0 28	9 36	1 40	13 27	0 19	19 36	0 56	11 50	1 0	22 16	0 26	20 50	0 13	F 26
S 27	2 38	20 54	0s46	9 13	1 46	13 8	0 14	19 27	0 57	11 54	1 0	22 16	0 26	20 49	0 13	S 27
S 28	3 1	18 28	1 58	8 48	1 52	12 49	0 10	19 17	0 58	11 59	1 0	22 16	0 26	20 49	0 13	S 28
M29	3 25	14 47	3 5	8 22	1 57	12 29	0 6	19 6	0 59	12 4	1 0	22 16	0 25	20 49	0 13	M29
T 30	3 48	10 6	4 0	7 55	2 2	12 9	0 2	18 56	1 0	12 8	1 0	22 16	0 25	20 49	0 13	T 30
W31	4n11	4s45	4s39	7s27	2s 6	11s49	0s 2	18s46	1s 1	12n13	0s59	22n16	0s25	20s49	0n13	W31

Julian Day Number = 2689742.5, Delta T = 23m44s  
 Ecliptic obliquity = 23°21'14", Nutation = - 0°00'15"  
 Ayanamsha: Fagan/Bradley = 33°51'47", Lahiri = 32°58'47"

## ASTRODIENST EPHEMERIS for the year 2652

APRIL 2652

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 39 6	11°36'36	13°58	17°25	0°9	10°21	5°16	13°29	4°46	29°26	2°57	20°27	20°2	12°17	24°24	T 1
F 2	12 43 3	12°36'12	28°56	18°52	1°20	11°4	5°29	13°31	4°45	29°27	2°57	20°15	19°59	12°24	24°28	F 2
S 3	12 46 59	13°35'46	13°35	20°20	2°30	11°47	5°43	13°33	4°44	29°28	2°57	20°5	19°56	12°31	24°31	S 3
S 4	12 50 56	14°35'18	27°48	21°49	3°40	12°30	5°57	13°35	4°42	29°29	2°58	19°56	19°52	12°37	24°35	S 4
M 5	12 54 52	15°34'47	11°30	23°20	4°51	13°13	6°11	13°38	4°41	29°30	2°58	19°50	19°49	12°44	24°39	M 5
T 6	12 58 49	16°34'14	24°44	24°52	6°1	13°56	6°25	13°40	4°40	29°31	2°59	19°47	19°46	12°51	24°42	T 6
W 7	13 2 45	17°33'39	7°31	26°26	7°12	14°39	6°39	13°43	4°38	29°32	2°59	19°46	19°43	12°58	24°46	W 7
T 8	13 6 42	18°33'02	19°56	28°1	8°22	15°22	6°54	13°45	4°37	29°32	3°0	19°46	19°40	13°4	24°49	T 8
F 9	13 10 39	19°32'23	2°4	29°37	9°33	16°6	7°8	13°48	4°35	29°33	3°0	19°45	19°36	13°11	24°53	F 9
S 10	13 14 35	20°31'41	14°1	1°15	10°44	16°49	7°22	13°51	4°34	29°34	3°1	19°44	19°33	13°18	24°56	S 10
S 11	13 18 32	21°30'57	25°51	2°54	11°55	17°32	7°36	13°54	4°32	29°34	3°1	19°40	19°30	13°24	25°0	S 11
M 12	13 22 28	22°30'10	7°40	4°35	13°5	18°15	7°50	13°57	4°31	29°35	3°2	19°34	19°27	13°31	25°3	M 12
T 13	13 26 25	23°29'21	19°31	6°17	14°16	18°58	8°4	14°0	4°29	29°36	3°2	19°25	19°24	13°38	25°7	T 13
W 14	13 30 21	24°28'31	1°26	8°1	15°27	19°42	8°19	14°3	4°27	29°36	3°3	19°13	19°21	13°44	25°10	W 14
T 15	13 34 18	25°27'38	13°29	9°45	16°38	20°25	8°33	14°6	4°26	29°37	3°4	19°0	19°17	13°51	25°14	T 15
F 16	13 38 14	26°26'43	25°41	11°32	17°49	21°8	8°47	14°10	4°24	29°37	3°4	18°46	19°14	13°58	25°17	F 16
S 17	13 42 11	27°25'46	8°2	13°20	19°0	21°52	9°2	14°13	4°22	29°38	3°5	18°32	19°11	14°5	25°21	S 17
S 18	13 46 8	28°24'47	2°32	15°9	20°12	22°35	9°16	14°17	4°20	29°38	3°6	18°20	19°8	14°11	25°24	S 18
M 19	13 50 4	29°23'46	3°13	17°0	21°23	23°18	9°30	14°20	4°18	29°39	3°6	18°11	19°5	14°18	25°27	M 19
T 20	13 54 1	0°22'44	16°4	18°52	22°34	24°1	9°45	14°24	4°16	29°39	3°7	18°5	19°1	14°25	25°31	T 20
W 21	13 57 57	1°21'40	29°8	20°45	23°45	24°45	9°59	14°28	4°14	29°39	3°8	18°1	18°58	14°31	25°34	W 21
T 22	14 1 54	2°20'34	12°25	22°41	24°57	25°28	10°13	14°32	4°12	29°40	3°9	18°D 0	18°55	14°38	25°37	T 22
F 23	14 5 50	3°19'26	25°57	24°37	26°8	26°11	10°28	14°36	4°10	29°40	3°9	18°0	18°52	14°45	25°40	F 23
S 24	14 9 47	4°18'17	9°46	26°35	27°20	26°55	10°42	14°40	4°8	29°40	3°10	18°R 0	18°49	14°51	25°44	S 24
S 25	14 13 43	5°17'06	23°53	28°35	28°31	27°38	10°56	14°44	4°6	29°41	3°11	17°59	18°46	14°58	25°47	S 25
M 26	14 17 40	6°15'53	8°17	0°36	29°42	28°21	11°11	14°49	4°4	29°41	3°12	17°56	18°42	15°5	25°50	M 26
T 27	14 21 37	7°14'38	22°55	2°38	0°54	29°5	11°25	14°53	4°2	29°41	3°13	17°50	18°39	15°12	25°53	T 27
W 28	14 25 33	8°13'22	7°42	4°41	2°6	29°48	11°40	14°58	4°0	29°41	3°13	17°41	18°36	15°18	25°56	W 28
T 29	14 29 30	9°12'04	22°31	6°46	3°17	0°31	11°54	15°2	3°58	29°41	3°14	17°31	18°33	15°25	25°59	T 29
F 30	14 33 26	10°10'45	7°13	8°52	4°29	1°15	12°8	15°7	3°55	29°41	3°15	17°21	18°30	15°32	26°1	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	4n35	0n54	4s59	6s57	2s10	11s28	0s6	18s35	1s2	12n18	0s59	22n16	0s25	20s48	0n13	19s36
F 2	4 58	6 25	4 57	6 27	2 14	11 7	0 10	18 24	1 3	12 22	0 59	22 16	0 25	20 48	0 13	19 35
S 3	5 21	11 28	4 36	5 55	2 17	10 45	0 13	18 13	1 4	12 27	0 59	22 15	0 25	20 48	0 13	19 35
S 4	5 44	15 44	3 58	5 22	2 19	10 23	0 17	18 2	1 5	12 32	0 59	22 15	0 25	20 48	0 13	19 35
M 5	6 7	18 59	3 8	4 48	2 21	10 1	0 21	17 51	1 6	12 37	0 59	22 15	0 24	20 48	0 13	19 35
T 6	6 29	21 7	2 8	4 13	2 23	9 39	0 24	17 39	1 7	12 41	0 59	22 15	0 24	20 47	0 13	19 35
W 7	6 52	22 4	1 4	3 37	2 24	9 16	0 28	17 28	1 8	12 46	0 59	22 15	0 24	20 47	0 13	19 34
T 8	7 15	21 54	0n1	3 0	2 25	8 53	0 31	17 16	1 9	12 51	0 59	22 15	0 24	20 47	0 13	19 34
F 9	7 37	20 41	1 5	2 22	2 25	8 30	0 35	17 4	1 10	12 55	0 59	22 15	0 24	20 47	0 13	19 34
S 10	7 59	18 33	2 5	1 43	2 25	8 6	0 38	16 52	1 11	13 0	0 58	22 15	0 24	20 46	0 13	19 34
S 11	8 22	15 39	2 58	1 3	2 24	7 42	0 41	16 40	1 12	13 5	0 58	22 14	0 24	20 46	0 13	19 34
M 12	8 44	12 8	3 44	0 22	2 23	7 18	0 45	16 28	1 13	13 9	0 58	22 14	0 23	20 46	0 13	19 34
T 13	9 5	8 8	4 21	0n20	2 21	6 54	0 48	16 15	1 14	13 14	0 58	22 14	0 23	20 45	0 13	19 33
W 14	9 27	3 48	4 46	1 2	2 19	6 30	0 51	16 3	1 15	13 18	0 58	22 14	0 23	20 45	0 13	19 33
T 15	9 49	0s43	4 58	1 46	2 16	6 5	0 54	15 50	1 16	13 23	0 58	22 14	0 23	20 45	0 13	19 33
F 16	10 10	5 16	4 58	2 30	2 13	5 40	0 57	15 37	1 17	13 28	0 58	22 13	0 23	20 44	0 13	19 33
S 17	10 31	9 40	4 43	3 15	2 9	5 15	0 59	15 24	1 18	13 32	0 58	22 13	0 23	20 44	0 13	19 33
S 18	10 52	13 44	4 15	4 1	2 5	4 49	1 2	15 11	1 19	13 37	0 58	22 13	0 23	20 44	0 13	19 33
M 19	11 13	17 14	3 33	4 48	2 0	4 24	1 5	14 58	1 20	13 42	0 58	22 13	0 22	20 43	0 13	19 33
T 20	11 34	19 58	2 40	5 35	1 55	3 58	1 7	14 44	1 21	13 46	0 58	22 12	0 22	20 43	0 13	19 33
W 21	11 54	21 43	1 38	6 23	1 50	3 33	1 10	14 31	1 22	13 51	0 58	22 12	0 22	20 43	0 12	19 33
T 22	12 15	22 17	0 30	7 11	1 43	3 7	1 12	14 17	1 23	13 55	0 58	22 12	0 22	20 42	0 12	19 33
F 23	12 35	21 34	0s42	8 0	1 37	2 40	1 15	14 4	1 24	14 0	0 58	22 12	0 22	20 42	0 12	19 32
S 24	12 55	19 33	1 53	8 49	1 30	2 14	1 17	13 50	1 25	14 4	0 57	22 11	0 22	20 42	0 12	19 32
S 25	13 14	16 19	2 58	9 39	1 22	1 48	1 19	13 36	1 26	14 9	0 57	22 11	0 22	20 41	0 12	19 32
M 26	13 34	12 3	3 53	10 29	1 14	1 22	1 21	13 22	1 27	14 13	0 57	22 11	0 22	20 41	0 12	19 32
T 27	13 53	7 0	4 34	11 19	1 6	0 55	1 23	13 8	1 28	14 18	0 57	22 10	0 21	20 40	0 12	19 32
W 28	14 12	1 31	4 58	12 9	0 57	0 29	1 25	12 53	1 29	14 22	0 57	22 10	0 21	20 40	0 12	19 32
T 29	14 31	4n4	5 1	12 59	0 47	0 2	1 27	12 39	1 30	14 27	0 57	22 9	0 21	20 40	0 12	19 32
F 30	14n49	9n23	4s44	13n48	0s38	0n25	1s29	12s25	1s31	14n31	0s57	22n9	0s21	20s39	0n12	19s32

Julian Day Number = 2689773.5, Delta T = 23m45s

Ecliptic obliquity = 23°21'14", Nutation = - 0°00'17"

Ayanamsha: Fagan/Bradley = 33°51'51", Lahiri = 32°58'51"



# ASTRODIENST EPHEMERIS for the year 2652

JUNE 2652

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 39 36	11 <sup>11</sup> 12'10	10 <sup>08</sup> 40	3 <sup>58</sup> 11	12 <sup>08</sup> 54	24 <sup>11</sup> 16	19 <sup>08</sup> 45	18 <sup>08</sup> 13	2°R37	29°R26	3 <sup>58</sup> 52	15°D17	16 <sup>08</sup> 48	19 <sup>08</sup> 6	27 <sup>11</sup> 16	T 1
W 2	16 43 33	12° 9'55	23°26	3°57	14° 6	24°58	19°59	18°20	2 <sup>11</sup> 35	29 <sup>08</sup> 25	3°53	15°07	16°45	19°13	27°18	W 2
T 3	16 47 29	13° 7'40	5 <sup>08</sup> 54	4°39	15°19	25°41	20°12	18°27	2°32	29°24	3°55	15°18	16°42	19°20	27°19	T 3
F 4	16 51 26	14° 5'22	18° 7	5°16	16°31	26°24	20°26	18°34	2°30	29°23	3°56	15°20	16°39	19°26	27°21	F 4
S 5	16 55 22	15° 3'03	0 <sup>09</sup> 8	5°49	17°44	27° 6	20°40	18°41	2°27	29°22	3°57	15°21	16°35	19°33	27°22	S 5
S 6	16 59 19	16° 0'43	12° 2	6°17	18°56	27°49	20°54	18°48	2°25	29°21	3°59	15°R22	16°32	19°40	27°23	S 6
M 7	17 3 15	16°58'21	23°54	6°40	20° 9	28°32	21° 7	18°55	2°22	29°20	4° 0	15°22	16°29	19°46	27°25	M 7
T 8	17 7 12	17°55'58	5 <sup>09</sup> 49	6°59	21°21	29°14	21°21	19° 2	2°20	29°19	4° 1	15°21	16°26	19°53	27°26	T 8
W 9	17 11 8	18°53'33	17°52	7°13	22°33	29°56	21°35	19° 9	2°17	29°18	4° 3	15°18	16°23	20° 0	27°27	W 9
T 10	17 15 5	19°51'07	0 <sup>10</sup> 5	7°23	23°46	0 <sup>11</sup> 39	21°48	19°16	2°15	29°17	4° 4	15°15	16°19	20° 7	27°28	T 10
F 11	17 19 2	20°48'40	12°33	7°28	24°58	1°21	22° 2	19°23	2°13	29°16	4° 5	15°11	16°16	20°13	27°29	F 11
S 12	17 22 58	21°46'12	25°18	7°R28	26°11	2° 3	22°15	19°30	2°10	29°15	4° 7	15° 7	16°13	20°20	27°30	S 12
S 13	17 26 55	22°43'42	8 <sup>11</sup> 20	7°24	27°23	2°46	22°28	19°37	2° 8	29°13	4° 8	15° 4	16°10	20°27	27°31	S 13
M14	17 30 51	23°41'11	21°39	7°15	28°36	3°28	22°42	19°45	2° 6	29°12	4°10	15° 2	16° 7	20°33	27°32	M14
T 15	17 34 48	24°38'40	5 <sup>12</sup> 14	7° 2	29°49	4°10	22°55	19°52	2° 4	29°11	4°11	15° 1	16° 4	20°40	27°33	T 15
W16	17 38 44	25°36'07	19° 4	6°45	1 <sup>13</sup> 1	4°52	23° 8	19°59	2° 1	29°10	4°12	15°D 1	16° 0	20°47	27°34	W16
T 17	17 42 41	26°33'34	3 <sup>14</sup> 4	6°25	2°14	5°34	23°21	20° 7	1°59	29° 8	4°14	15° 1	15°57	20°53	27°35	T 17
F 18	17 46 38	27°31'00	17°12	6° 1	3°26	6°16	23°34	20°14	1°57	29° 7	4°15	15° 2	15°54	21° 0	27°35	F 18
S 19	17 50 34	28°28'25	1 <sup>15</sup> 26	5°34	4°39	6°58	23°48	20°21	1°55	29° 6	4°17	15° 3	15°51	21° 7	27°36	S 19
S 20	17 54 31	29°25'50	15°41	5° 5	5°52	7°40	24° 1	20°29	1°53	29° 4	4°18	15° 4	15°48	21°14	27°37	S 20
M21	17 58 27	0 <sup>16</sup> 23'14	29°56	4°34	7° 4	8°21	24°13	20°36	1°50	29° 3	4°19	15°R 5	15°45	21°20	27°37	M21
T 22	18 2 24	1°20'38	14°17	4° 2	8°17	9° 3	24°26	20°44	1°48	29° 2	4°21	15° 4	15°41	21°27	27°38	T 22
W23	18 6 20	2°18'01	28°13	3°28	9°30	9°45	24°39	20°51	1°46	29° 0	4°22	15° 4	15°38	21°34	27°38	W23
T 24	18 10 17	3°15'23	12°11	2°54	10°42	10°26	24°52	20°59	1°44	28°59	4°24	15° 2	15°35	21°40	27°38	T 24
F 25	18 14 13	4°12'46	26° 0	2°21	11°55	11° 8	25° 5	21° 7	1°42	28°57	4°25	15° 1	15°32	21°47	27°39	F 25
S 26	18 18 10	5°10'08	9 <sup>17</sup> 36	1°48	13° 8	11°49	25°17	21°14	1°40	28°56	4°27	15° 0	15°29	21°54	27°39	S 26
S 27	18 22 7	6° 7'29	22°58	1°17	14°21	12°30	25°30	21°22	1°38	28°55	4°28	14°59	15°25	22° 1	27°39	S 27
M28	18 26 3	7° 4'50	6 <sup>18</sup> 5	0°47	15°34	13°11	25°42	21°29	1°36	28°53	4°29	14°58	15°22	22° 7	27°39	M28
T 29	18 30 0	8° 2'11	18°57	0°20	16°46	13°52	25°55	21°37	1°35	28°52	4°31	14°D58	15°19	22°14	27°39	T 29
W30	18 33 56	8 <sup>19</sup> 59'30	1 <sup>19</sup> 33	29 <sup>19</sup> 56	17 <sup>19</sup> 59	14 <sup>19</sup> 33	26 <sup>19</sup> 8	21 <sup>19</sup> 45	1 <sup>19</sup> 33	28 <sup>19</sup> 50	4 <sup>19</sup> 32	14 <sup>19</sup> 58	15 <sup>19</sup> 16	22 <sup>19</sup> 21	27 <sup>19</sup> R39	W30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	22n 2	22n31	0s25	25n12	1n53	14n 2	1s42	4s 9	2s 2	16n42	0s56	21n50	0s17	20s25	0n12	19s35
W 2	22 10	22 3	0n44	25 2	1 45	14 24	1 41	3 53	2 3	16 46	0 56	21 49	0 17	20 24	0 12	19 35
T 3	22 18	20 31	1 50	24 52	1 36	14 46	1 40	3 37	2 4	16 50	0 56	21 48	0 17	20 24	0 12	19 35
F 4	22 25	18 2	2 50	24 41	1 26	15 8	1 39	3 20	2 5	16 53	0 56	21 47	0 17	20 23	0 12	19 36
S 5	22 31	14 50	3 41	24 28	1 15	15 29	1 38	3 4	2 6	16 57	0 56	21 47	0 17	20 23	0 12	19 36
S 6	22 37	11 4	4 22	24 16	1 3	15 50	1 37	2 48	2 7	17 0	0 56	21 46	0 17	20 22	0 12	19 36
M 7	22 43	6 53	4 52	24 2	0 51	16 11	1 36	2 32	2 8	17 4	0 56	21 45	0 17	20 22	0 12	19 36
T 8	22 48	2 26	5 9	23 48	0 37	16 31	1 34	2 16	2 9	17 8	0 56	21 44	0 17	20 21	0 12	19 36
W 9	22 53	2s 9	5 13	23 33	0 23	16 51	1 33	2 0	2 10	17 11	0 56	21 43	0 17	20 21	0 12	19 37
T 10	22 58	6 44	5 3	23 18	0 9	17 10	1 32	1 44	2 10	17 15	0 56	21 42	0 16	20 20	0 12	19 37
F 11	23 2	1 7	4 39	23 2	0s 7	17 29	1 30	1 28	2 11	17 18	0 56	21 41	0 16	20 20	0 12	19 37
S 12	23 6	15 8	4 0	22 46	0 23	17 47	1 29	1 12	2 12	17 21	0 57	21 40	0 16	20 20	0 12	19 37
S 13	23 9	18 31	3 8	22 30	0 39	18 5	1 27	0 56	2 13	17 25	0 57	21 39	0 16	20 19	0 12	19 38
M14	23 12	21 1	2 5	22 13	0 56	18 23	1 26	0 41	2 14	17 28	0 57	21 39	0 16	20 19	0 12	19 38
T 15	23 15	22 21	0 54	21 57	1 13	18 40	1 24	0 25	2 15	17 31	0 57	21 38	0 16	20 18	0 12	19 38
W16	23 17	22 22	0s22	21 40	1 31	18 57	1 22	0 9	2 16	17 35	0 57	21 37	0 16	20 18	0 12	19 38
T 17	23 19	21 0	1 38	21 24	1 48	19 13	1 21	0n 7	2 16	17 38	0 57	21 36	0 16	20 17	0 12	19 39
F 18	23 20	18 18	2 48	21 8	2 5	19 29	1 19	0 23	2 17	17 41	0 57	21 35	0 16	20 17	0 12	19 39
S 19	23 21	14 30	3 49	20 52	2 22	19 44	1 17	0 38	2 18	17 44	0 57	21 34	0 16	20 17	0 12	19 39
S 20	23 21	9 51	4 35	20 37	2 39	19 59	1 15	0 54	2 19	17 47	0 57	21 33	0 15	20 16	0 12	19 39
M21	23 21	4 42	5 5	20 22	2 55	20 13	1 13	1 10	2 20	17 51	0 57	21 32	0 15	20 16	0 12	19 40
T 22	23 21	0n41	5 16	20 8	3 10	20 26	1 11	1 25	2 20	17 54	0 57	21 31	0 15	20 15	0 12	19 40
W23	23 20	6 0	5 8	19 54	3 24	20 40	1 9	1 41	2 21	17 57	0 57	21 30	0 15	20 15	0 12	19 40
T 24	23 19	10 58	4 41	19 42	3 38	20 52	1 7	1 56	2 22	18 0	0 57	21 28	0 15	20 14	0 12	19 41
F 25	23 17	15 19	3 59	19 30	3 50	21 4	1 5	2 12	2 23	18 3	0 57	21 27	0 15	20 14	0 12	19 41
S 26	23 15	18 47	3 3	19 20	4 1	21 16	1 3	2 27	2 23	18 6	0 57	21 26	0 15	20 14	0 12	19 41
S 27	23 13	21 11	1 59	19 11	4 10	21 26	1 0	2 42	2 24	18 9	0 57	21 25	0 15	20 13	0 12	19 41
M28	23 10	22 24	0 49	19 3	4 19	21 37	0 58	2 58	2 25	18 12	0 57	21 24	0 15	20 13	0 12	19 42
T 29	23 7	22 23	0n22	18 56	4 25	21 46	0 56	3 13	2 26	18 14	0 57	21 23	0 15	20 13	0 12	19 42
W30	23n 3	21n13	1n31	18n50	4s31	21n55	0s54	3n28	2s26	18n17	0s57	21n22	0s15	20s12	0n12	19s42

Julian Day Number = 2689834.5, Delta T = 23m45s  
Ecliptic obliquity = 23°21'13, Nutation = - 0°00'17  
Ayanamsha: Fagan/Bradley = 33°51'59, Lahiri = 32°58'59

## ASTRODIENST EPHEMERIS for the year 2652

JULY 2652

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 37 53	9°56'50	13°54	29°R35	19°II12	15°Y14	26°B19	21°E52	1°R31	28°R49	4°E34	14°E59	15°E13	22°M27	27°R39	T 1
F 2	18 41 49	10°54'08	26° 4	29°II18	20°25	15°55	26°32	22° 0	1°R29	28°R47	4°35	14°59	15° 10	22°34	27°R39	F 2
S 3	18 45 46	11°51'26	8°M 4	29° 5	21°38	16°36	26°44	22° 8	1°27	28°46	4°36	15° 0	15° 0	22°41	27°39	S 3
S 4	18 49 42	12°48'43	19°58	28°55	22°51	17°16	26°56	22°16	1°26	28°44	4°38	15° 0	15° 3	22°48	27°39	S 4
M 5	18 53 39	13°45'59	1°E51	28°51	24° 4	17°57	27° 8	22°23	1°24	28°42	4°39	15° 0	15° 0	22°54	27°39	M 5
T 6	18 57 36	14°43'15	13°46	28°D51	25°17	18°37	27°20	22°31	1°22	28°41	4°41	15° 0	14°57	23° 1	27°38	T 6
W 7	19 1 32	15°40'31	25°48	28°55	26°30	19°17	27°31	22°39	1°21	28°39	4°42	15° 0	14°54	23° 8	27°38	W 7
T 8	19 5 29	16°37'45	8°M 1	29° 4	27°43	19°57	27°43	22°47	1°19	28°38	4°44	15° 0	14°51	23°14	27°38	T 8
F 9	19 9 25	17°35'00	20°31	29°19	28°56	20°37	27°55	22°54	1°18	28°36	4°45	15° 0	14°47	23°21	27°37	F 9
S 10	19 13 22	18°32'14	3°R19	29°38	0°E 9	21°17	28° 6	23° 2	1°16	28°35	4°46	15° 1	14°44	23°28	27°37	S 10
S 11	19 17 18	19°29'27	16°29	0°E 1	1°22	21°57	28°18	23°10	1°15	28°33	4°48	15° 1	14°41	23°35	27°36	S 11
M12	19 21 15	20°26'40	0°E 2	0°30	2°35	22°36	28°29	23°18	1°14	28°31	4°49	15° 2	14°38	23°41	27°36	M12
T 13	19 25 11	21°23'53	13°56	1° 4	3°48	23°16	28°40	23°25	1°12	28°30	4°50	15°R 2	14°35	23°48	27°35	T 13
W14	19 29 8	22°21'06	28° 8	1°42	5° 1	23°55	28°52	23°33	1°11	28°28	4°52	15° 2	14°31	23°55	27°34	W14
T 15	19 33 5	23°18'19	12°E35	2°25	6°14	24°34	29° 3	23°41	1°10	28°27	4°53	15° 1	14°28	24° 1	27°33	T 15
F 16	19 37 1	24°15'32	27°11	3°13	7°27	25°14	29°14	23°49	1° 9	28°25	4°55	15° 0	14°25	24° 8	27°33	F 16
S 17	19 40 58	25°12'45	11°R49	4° 5	8°40	25°52	29°25	23°57	1° 7	28°23	4°56	14°59	14°22	24°15	27°32	S 17
S 18	19 44 54	26° 9'58	26°24	5° 2	9°53	26°31	29°35	24° 4	1° 6	28°22	4°57	14°58	14°19	24°22	27°31	S 18
M19	19 48 51	27° 7'11	10°Y50	6° 3	11° 7	27°10	29°46	24°12	1° 5	28°20	4°59	14°57	14°16	24°28	27°30	M19
T 20	19 52 47	28° 4'25	25° 4	7° 9	12°20	27°48	29°57	24°20	1° 4	28°18	5° 0	14°D57	14°12	24°35	27°29	T 20
W21	19 56 44	29° 1'39	9°R 3	8°19	13°33	28°27	0°II 7	24°28	1° 3	28°17	5° 1	14°57	14° 9	24°42	27°28	W21
T 22	20 0 40	29°58'54	22°46	9°34	14°47	29° 5	0°18	24°36	1° 2	28°15	5° 3	14°57	14° 6	24°48	27°26	T 22
F 23	20 4 37	0°E56'10	6°II14	10°53	16° 0	29°43	0°28	24°43	1° 2	28°14	5° 4	14°59	14° 3	24°55	27°25	F 23
S 24	20 8 34	1°53'25	19°27	12°16	17°13	0°R21	0°38	24°51	1° 1	28°12	5° 5	15° 0	14° 0	25° 2	27°24	S 24
S 25	20 12 30	2°50'42	2°E25	13°43	18°27	0°58	0°48	24°59	1° 0	28°10	5° 6	15° 1	13°57	25° 9	27°23	S 25
M26	20 16 27	3°47'58	15°10	15°14	19°40	1°36	0°58	25° 7	0°59	28° 9	5° 8	15°R 1	13°53	25°15	27°21	M26
T 27	20 20 23	4°45'16	27°43	16°49	20°53	2°13	1° 8	25°14	0°59	28° 7	5° 9	15° 1	13°50	25°22	27°20	T 27
W28	20 24 20	5°42'33	10°E 5	18°28	22° 7	2°50	1°18	25°22	0°58	28° 6	5°10	14°59	13°47	25°29	27°19	W28
T 29	20 28 16	6°39'51	22°17	20°11	23°20	3°27	1°27	25°30	0°57	28° 4	5°11	14°57	13°44	25°35	27°17	T 29
F 30	20 32 13	7°37'09	4°M21	21°57	24°34	4° 4	1°37	25°38	0°57	28° 2	5°13	14°53	13°41	25°42	27°15	F 30
S 31	20 36 9	8°E34'27	16°M18	23°E46	25°E47	4°R40	1°II46	25°E45	0°R56	28°E 1	5°E14	14°E50	13°E37	25°M49	27°R14	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	22n59	19n 3	2n34	18n47	4s35	22n 4	0s51	3n43	2s27	18n20	0s57	21n21	0s14	20s12	0n12	T 1
F 2	22 54	16 3	3 29	18 44	4 37	22 12	0 49	3 58	2 28	18 23	0 57	21 20	0 14	20 12	0 12	F 2
S 3	22 50	12 26	4 14	18 43	4 38	22 19	0 47	4 13	2 28	18 26	0 57	21 19	0 14	20 11	0 12	S 3
S 4	22 44	8 22	4 47	18 43	4 38	22 26	0 44	4 28	2 29	18 28	0 57	21 17	0 14	20 11	0 12	S 4
M 5	22 39	4 0	5 9	18 45	4 36	22 32	0 42	4 42	2 30	18 31	0 57	21 16	0 14	20 11	0 12	M 5
T 6	22 33	0s32	5 17	18 48	4 33	22 37	0 39	4 57	2 30	18 34	0 57	21 15	0 14	20 10	0 12	T 6
W 7	22 26	5 5	5 11	18 52	4 29	22 42	0 37	5 11	2 31	18 36	0 58	21 14	0 14	20 10	0 12	W 7
T 8	22 19	9 31	4 52	18 57	4 24	22 46	0 34	5 26	2 32	18 39	0 58	21 13	0 14	20 10	0 12	T 8
F 9	22 12	13 40	4 18	19 3	4 18	22 49	0 32	5 40	2 32	18 41	0 58	21 11	0 14	20 9	0 12	F 9
S 10	22 5	17 17	3 31	19 10	4 11	22 52	0 29	5 55	2 33	18 44	0 58	21 10	0 14	20 9	0 12	S 10
S 11	21 57	20 9	2 32	19 19	4 3	22 54	0 27	6 9	2 33	18 46	0 58	21 9	0 14	20 9	0 12	S 11
M12	21 48	21 59	1 22	19 27	3 54	22 55	0 24	6 23	2 34	18 49	0 58	21 8	0 13	20 9	0 12	M12
T 13	21 40	22 32	0 6	19 37	3 44	22 56	0 22	6 37	2 35	18 51	0 58	21 7	0 13	20 8	0 12	T 13
W14	21 30	21 38	1s12	19 47	3 34	22 56	0 19	6 51	2 35	18 53	0 58	21 5	0 13	20 8	0 12	W14
T 15	21 21	19 19	2 27	19 57	3 23	22 56	0 17	7 4	2 36	18 56	0 58	21 4	0 13	20 8	0 11	T 15
F 16	21 11	15 44	3 33	20 8	3 11	22 54	0 14	7 18	2 36	18 58	0 58	21 3	0 13	20 8	0 11	F 16
S 17	21 1	11 11	4 25	20 18	2 59	22 52	0 12	7 32	2 37	19 0	0 58	21 2	0 13	20 7	0 11	S 17
S 18	20 50	6 1	5 0	20 29	2 47	22 50	0 9	7 45	2 37	19 3	0 58	21 0	0 13	20 7	0 11	S 18
M19	20 40	0 34	5 15	20 39	2 34	22 47	0 7	7 58	2 38	19 5	0 58	20 59	0 13	20 7	0 11	M19
T 20	20 28	4n50	5 11	20 49	2 21	22 43	0 4	8 12	2 38	19 7	0 58	20 58	0 13	20 7	0 11	T 20
W21	20 17	9 54	4 49	20 58	2 8	22 38	0 2	8 25	2 39	19 9	0 59	20 57	0 13	20 7	0 11	W21
T 22	20 5	14 22	4 10	21 6	1 54	22 33	0n 1	8 38	2 39	19 11	0 59	20 55	0 13	20 7	0 11	T 22
F 23	19 53	18 1	3 18	21 14	1 41	22 27	0 3	8 50	2 40	19 13	0 59	20 54	0 13	20 6	0 11	F 23
S 24	19 40	20 40	2 17	21 20	1 27	22 21	0 6	9 3	2 40	19 15	0 59	20 53	0 12	20 6	0 11	S 24
S 25	19 27	22 11	1 9	21 26	1 14	22 14	0 8	9 16	2 40	19 17	0 59	20 51	0 12	20 6	0 11	S 25
M26	19 14	22 30	0n 1	21 29	1 0	22 6	0 11	9 28	2 41	19 19	0 59	20 50	0 12	20 6	0 11	M26
T 27	19 0	21 41	1 9	21 32	0 47	21 57	0 13	9 41	2 41	19 21	0 59	20 49	0 12	20 6	0 11	T 27
W28	18 47	19 48	2 14	21 32	0 34	21 48	0 16	9 53	2 41	19 23	0 59	20 47	0 12	20 6	0 11	W28
T 29	18 32	17 2	3 11	21 30	0 21	21 38	0 18	10 5	2 42	19 25	0 59	20 46	0 12	20 6	0 11	T 29
F 30	18 18	13 35	3 59	21 26	0 8	21 28	0 20	10 17	2 42	19 27	0 59	20 45	0 12	20 6	0 11	F 30
S 31	18n 3	9n37	4n36	21n20	0n 4	21n17	0n23	10n29	2s42	19n28	0s59	20n43	0s12	20s 5	0n11	S 31

Julian Day Number = 2689864.5, Delta T = 23m46s  
Ecliptic obliquity = 23°21'13, Nutation = - 0°00'16  
Ayanamsha: Fagan/Bradley = 33°52'04, Lahiri = 32°59'03



# ASTRODIENST EPHEMERIS for the year 2652

SEPTEMBER 2652

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	22 42 19	9♐14'33	12♐31	26♐ 2	5♐11	21♐45	5♐34	29♐37	1♐ 9	27°R16	5♐46	13°R11	11♐56	29♐24	26°R 3	W 1
T 2	22 46 16	10°12'22	24°40	27°41	6°25	22°11	5°38	29°43	1°10	27♐15	5°46	13°R 8	11°53	29°31	26°R 0	T 2
F 3	22 50 12	11°10'11	7♐ 3	29°19	7°39	22°37	5°42	29°50	1°11	27°14	5°47	13°D 6	11°49	29°37	25°58	F 3
S 4	22 54 9	12° 8'02	19°44	0♐55	8°54	23° 2	5°46	29°56	1°12	27°13	5°48	13° 7	11°46	29°44	25°55	S 4
S 5	22 58 5	13° 5'55	2♐49	2°29	10° 8	23°27	5°50	0♐ 3	1°14	27°12	5°49	13° 7	11°43	29°51	25°52	S 5
M 6	23 2 2	14° 3'48	16°19	4° 3	11°22	23°52	5°54	0° 9	1°15	27°11	5°49	13°R 8	11°40	29°57	25°49	M 6
T 7	23 5 59	15° 1'43	0♐19	5°35	12°37	24°15	5°58	0°15	1°17	27°10	5°50	13° 6	11°37	0♐ 4	25°47	T 7
W 8	23 9 55	15°59'38	14°47	7° 6	13°51	24°39	6° 1	0°22	1°18	27° 9	5°50	13° 3	11°34	0°11	25°44	W 8
T 9	23 13 52	16°57'36	29°39	8°35	15° 5	25° 2	6° 4	0°28	1°20	27° 8	5°51	12°57	11°30	0°18	25°41	T 9
F 10	23 17 48	17°55'34	14♐50	10° 3	16°20	25°24	6° 7	0°34	1°21	27° 7	5°52	12°49	11°27	0°24	25°38	F 10
S 11	23 21 45	18°53'34	0♐ 9	11°29	17°34	25°46	6°10	0°40	1°23	27° 7	5°52	12°40	11°24	0°31	25°36	S 11
S 12	23 25 41	19°51'36	15°24	12°55	18°48	26° 7	6°13	0°46	1°25	27° 6	5°53	12°30	11°21	0°38	25°33	S 12
M13	23 29 38	20°49'39	0♐25	14°18	20° 3	26°28	6°15	0°52	1°26	27° 5	5°53	12°22	11°18	0°44	25°30	M13
T 14	23 33 34	21°47'45	15° 4	15°41	21°17	26°48	6°18	0°58	1°28	27° 4	5°54	12°15	11°14	0°51	25°27	T 14
W15	23 37 31	22°45'52	29°16	17° 2	22°32	27° 8	6°20	1° 4	1°30	27° 3	5°54	12°11	11°11	0°58	25°24	W15
T 16	23 41 27	23°44'01	12♐59	18°21	23°46	27°27	6°22	1°10	1°32	27° 3	5°54	12° 8	11° 8	1° 5	25°21	T 16
F 17	23 45 24	24°42'13	26°16	19°39	25° 0	27°45	6°23	1°15	1°34	27° 2	5°55	12°D 8	11° 5	1°11	25°19	F 17
S 18	23 49 21	25°40'26	9♐ 9	20°55	26°15	28° 3	6°25	1°21	1°36	27° 1	5°55	12°R 8	11° 2	1°18	25°16	S 18
S 19	23 53 17	26°38'41	21°42	22°10	27°30	28°20	6°26	1°27	1°38	27° 1	5°56	12° 8	10°59	1°25	25°13	S 19
M20	23 57 14	27°36'58	4♐ 0	23°23	28°44	28°36	6°27	1°32	1°40	27° 0	5°56	12° 6	10°55	1°32	25°10	M20
T 21	0 1 10	28°35'18	16° 8	24°34	29°59	28°52	6°28	1°37	1°42	26°59	5°56	12° 2	10°52	1°38	25° 7	T 21
W22	0 5 7	29°33'39	28° 7	25°43	1♐13	29° 7	6°29	1°43	1°44	26°59	5°57	11°55	10°49	1°45	25° 4	W22
T 23	0 9 3	0♐32'02	10♐ 2	26°50	2°28	29°22	6°29	1°48	1°47	26°58	5°57	11°44	10°46	1°52	25° 2	T 23
F 24	0 13 0	1°30'27	21°55	27°55	3°42	29°35	6°29	1°53	1°49	26°58	5°57	11°32	10°43	1°58	24°59	F 24
S 25	0 16 56	2°28'53	3♐47	28°58	4°57	29°48	6°R30	1°58	1°51	26°57	5°57	11°18	10°40	2° 5	24°56	S 25
S 26	0 20 53	3°27'22	15°39	29°58	6°11	0♐ 1	6°29	2° 3	1°53	26°57	5°58	11° 4	10°36	2°12	24°53	S 26
M27	0 24 50	4°25'52	27°33	0♐56	7°26	0°12	6°29	2° 8	1°56	26°57	5°58	10°51	10°33	2°19	24°50	M27
T 28	0 28 46	5°24'24	9♐31	1°51	8°41	0°23	6°29	2°13	1°58	26°56	5°58	10°39	10°30	2°25	24°48	T 28
W29	0 32 43	6°22'58	21°35	2°43	9°55	0°33	6°28	2°18	2° 1	26°56	5°58	10°30	10°27	2°32	24°45	W29
T 30	0 36 39	7♐21'34	3♐47	3♐32	11♐10	0♐42	6♐27	2♐23	2♐ 3	26♐56	5♐58	10♐24	10♐24	2♐39	24♐42	T 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	8n 5	11s18	4n27	2n12	0n41	10n48	1n18	15n32	2s42	20n 7	1s 3	20n 0	0s 9	20s 9	0n11	20s 2	0n37	16n 2	7s12	22n42	22n49	4n51	2n17	4n12			
T 2	7 43	15 10	3 49	1 27	0 34	10 21	1 19	15 39	2 42	20 8	1 3	19 59	0 9	20 9	0 11	20 2	0 37	16 2	7 12	22 43	22 50	4 48	2 16	4 12			
F 3	7 21	18 27	3 0	0 41	0 27	9 54	1 20	15 46	2 41	20 8	1 3	19 58	0 9	20 9	0 11	20 2	0 37	16 2	7 12	22 43	22 50	4 46	2 15	4 12			
S 4	6 59	20 56	2 2	0s 4	0 20	9 27	1 21	15 52	2 41	20 9	1 3	19 57	0 9	20 9	0 11	20 2	0 37	16 2	7 12	22 43	22 50	4 44	2 14	4 12			
S 5	6 37	22 25	0 55	0 48	0 12	9 0	1 21	15 59	2 40	20 10	1 4	19 55	0 9	20 10	0 10	20 3	0 37	16 2	7 12	22 43	22 50	4 41	2 13	4 12			
M 6	6 15	22 39	0s17	1 32	0 4	8 32	1 22	16 5	2 40	20 10	1 4	19 54	0 9	20 10	0 10	20 3	0 37	16 1	7 13	22 43	22 51	4 39	2 12	4 12			
T 7	5 53	21 29	1 30	2 16	0s 4	8 5	1 23	16 12	2 39	20 11	1 4	19 53	0 9	20 10	0 10	20 3	0 37	16 1	7 13	22 43	22 51	4 36	2 11	4 12			
W 8	5 30	18 54	2 40	2 59	0 12	7 37	1 23	16 18	2 39	20 11	1 4	19 52	0 9	20 11	0 10	20 3	0 37	16 1	7 13	22 43	22 51	4 34	2 10	4 12			
T 9	5 8	15 0	3 41	3 42	0 20	7 8	1 24	16 24	2 38	20 12	1 4	19 50	0 9	20 11	0 10	20 4	0 37	16 1	7 13	22 44	22 51	4 31	2 9	4 12			
F 10	4 45	10 4	4 28	4 24	0 28	6 40	1 24	16 30	2 37	20 12	1 4	19 49	0 9	20 11	0 10	20 4	0 37	16 1	7 13	22 44	22 52	4 29	2 7	4 12			
S 11	4 23	4 28	4 55	5 6	0 37	6 11	1 24	16 36	2 37	20 12	1 4	19 48	0 9	20 12	0 10	20 4	0 37	16 1	7 13	22 45	22 52	4 26	2 6	4 12			
S 12	4 0	1n23	5 2	5 46	0 45	5 43	1 25	16 41	2 36	20 13	1 4	19 47	0 8	20 12	0 10	20 4	0 36	16 1	7 13	22 46	22 52	4 23	2 5	4 12			
M13	3 37	7 5	4 48	6 27	0 54	5 14	1 25	16 47	2 35	20 13	1 5	19 45	0 8	20 12	0 10	20 4	0 36	16 1	7 13	22 47	22 53	4 21	2 4	4 12			
T 14	3 15	12 14	4 15	7 6	1 2	4 45	1 25	16 52	2 34	20 13	1 5	19 44	0 8	20 13	0 10	20 4	0 36	16 0	7 13	22 48	22 53	4 18	2 3	4 11			
W15	2 52	16 33	3 27	7 45	1 11	4 15	1 25	16 57	2 34	20 13	1 5	19 43	0 8	20 13	0 10	20 5	0 36	16 0	7 14	22 48	22 53	4 16	2 2	4 11			
T 16	2 29	19 50	2 28	8 23	1 19	3 46	1 25	17 2	2 33	20 14	1 5	19 42	0 8	20 14	0 10	20 5	0 36	16 0	7 14	22 48	22 53	4 13	2 1	4 11			
F 17	2 6	21 55	1 23	9 1	1 28	3 17	1 25	17 7	2 32	20 14	1 5	19 41	0 8	20 14	0 10	20 5	0 36	16 0	7 14	22 48	22 54	4 11	1 59	4 11			
S 18	1 43	22 47	0 16	9 37	1 36	2 47	1 25	17 12	2 31	20 14	1 5	19 39	0 8	20 14	0 10	20 5	0 36	16 0	7 14	22 48	22 54	4 8	1 58	4 11			
S 19	1 20	22 27	0n50	10 13	1 45	2 17	1 25	17 17	2 30	20 14	1 5	19 38	0 8	20 15	0 10	20 5	0 36	16 0	7 14	22 48	22 54	4 6	1 57	4 11			
M20	0 57	21 1	1 53	10 48	1 53	1 48	1 24	17 21	2 29	20 14	1 5	19 37	0 8	20 15	0 10	20 5	0 36	16 0	7 14	22 48	22 54	4 3	1 56	4 11			
T 21	0 34	18 39	2 49	11 22	2 1	1 18	1 24	17 26	2 28	20 14	1 6	19 36	0 8	20 16	0 10	20 6	0 36	15 59	7 14	22 49	22 55	4 1	1 55	4 11			
W22	0 10	15 29	3 38	11 55	2 10	0 48	1 24	17 30	2 27	20 14	1 6	19 35	0 8	20 16	0 10	20 6	0 36	15 59	7 14	22 49	22 55	3 58	1 53	4 11			
T 23	0s13	11 43	4 16	12 27	2 18	0 18	1 23	17 34	2 26	20 14	1 6	19 34	0 8	20 17	0 10	20 6	0 36	15 59	7 14	22 50	22 55	3 56	1 52	4 11			
F 24	0 36	7 31	4 43	12 58	2 26	0s12	1 23	17 38	2 24	20 14	1 6	19 33	0 8	20 17	0 10	20 6	0 36	15 59	7 15	22 51	22 55	3 53	1 51	4 11			
S 25	0 59	3 3	4 57	13 27	2 33	0 42	1 22	17 42	2 23	20 14	1 6	19 32	0 7	20 18	0 10	20 6	0 36	15 59	7 15	22 53	22 56	3 51	1 50	4 11			
S 26	1 22	1s32	4 59	13 56	2 41	1 12	1 21	17 46	2 22	20 14	1 6	19 31	0 7	20 18	0 10	20 6	0 36	15 59	7 15	22 54	22 56	3 48	1 49	4 10			
M27	1 45	6 6	4 47	14 23	2 48	1 42	1 21	17 50	2 21	20 14	1 6	19 30	0 7	20 19	0 10	20 6	0 36	15 59	7 15	22 55	22 56	3 46	1 47	4 10			
T 28	2 8	10 27	4 23	14 49	2 55	2 12	1 20	17 53	2 19	20 13	1 6	19 29	0 7	20 19	0 10	20 6	0 36	15 59	7 15	22 56	22 56	3 43	1 46	4 10			
W29	2 32	14 26	3 47	15 13	3 2	2 42	1 19	17 57	2 18	20 13	1 7	19 28	0 7	20 20	0 10	20 6	0 36	15 59	7 15	22 56	22 57	3 41	1 45	4 10			
T 30	2s55	17s53	3n 0	15s36	3s 8	3s12	1n18	18n 0	2s16	20n13	1s 7	19n27	0s 7	20s20	0n10	20s 7	0n36	15n58	7s15	22n57	22n57	3n38	1n44	4n10			

# ASTRODIENST EPHEMERIS for the year 2652

OCTOBER 2652

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	0 40 36	8♂20'11	16♂10	4♂17	12♂25	0♂50	6♂R26	2♂28	2♂6	26♂R55	5♂58	10♂R21	10♂20	2♂45	24♂R39	F 1
S 2	0 44 32	9°18'50	28°50	4°59	13°39	0°58	6♂II25	2°32	2°8	26♂55	5°59	10♂19	10°17	2°52	24♂37	S 2
S 3	0 48 29	10°17'31	11♂349	5°37	14°54	1°5	6°23	2°37	2°11	26°55	5°59	10°19	10°14	2°59	24°34	S 3
M 4	0 52 25	11°16'13	25°12	6°10	16°9	1°11	6°21	2°41	2°14	26°55	5°59	10°19	10°11	3°6	24°31	M 4
T 5	0 56 22	12°14'57	9♂1	6°39	17°23	1°16	6°19	2°45	2°16	26°55	5°59	10°17	10°8	3°12	24°29	T 5
W 6	1 0 19	13°13'43	23°19	7°3	18°38	1°20	6°17	2°49	2°19	26°55	5°R59	10°13	10°5	3°19	24°26	W 6
T 7	1 4 15	14°12'30	8♂3	7°22	19°53	1°23	6°15	2°54	2°22	26°55	5°59	10°7	10°1	3°26	24°23	T 7
F 8	1 8 12	15°11'19	23°8	7°34	21°7	1°26	6°12	2°58	2°25	26°D55	5°59	9°58	9°58	3°33	24°21	F 8
S 9	1 12 8	16°10'10	8♂26	7°R40	22°22	1°28	6°10	3°2	2°27	26°55	5°59	9°47	9°55	3°39	24°18	S 9
S 10	1 16 5	17°9'02	23°44	7°40	23°37	1°R28	6°7	3°5	2°30	26°55	5°58	9°36	9°52	3°46	24°16	S 10
M11	1 20 1	18°7'57	8♂53	7°33	24°52	1°28	6°4	3°9	2°33	26°55	5°58	9°26	9°49	3°53	24°13	M11
T 12	1 23 58	19°6'54	23°41	7°18	26°6	1°27	6°0	3°13	2°36	26°55	5°58	9°18	9°45	3°59	24°11	T 12
W13	1 27 54	20°5'53	8♂II3	6°56	27°21	1°26	5°57	3°17	2°39	26°55	5°58	9°12	9°42	4°6	24°8	W13
T 14	1 31 51	21°4'55	25°15	6°25	28°36	1°23	5°53	3°20	2°42	26°55	5°58	9°9	9°39	4°13	24°6	T 14
F 15	1 35 48	22°3'58	5♂17	5°47	29°51	1°19	5°49	3°23	2°45	26°55	5°58	9°D8	9°36	4°20	24°3	F 15
S 16	1 39 44	23°3'04	18°13	5°2	1♂5	1°15	5°45	3°27	2°48	26°55	5°58	9°R8	9°33	4°26	24°1	S 16
S 17	1 43 41	24°2'12	0♂47	4°9	2°20	1°9	5°41	3°30	2°51	26°56	5°57	9°8	9°30	4°33	23°59	S 17
M18	1 47 37	25°1'23	13°3	3°10	3°35	1°3	5°37	3°33	2°54	26°56	5°57	9°7	9°26	4°40	23°56	M18
T 19	1 51 34	26°0'36	25°7	2°5	4°50	0°56	5°32	3°36	2°58	26°56	5°57	9°3	9°23	4°46	23°54	T 19
W20	1 55 30	26°59'51	7♂3	0°57	6°4	0°48	5°27	3°39	3°1	26°57	5°56	8°57	9°20	4°53	23°52	W20
T 21	1 59 27	27°59'08	18°55	29♂46	7°19	0°39	5°22	3°42	3°4	26°57	5°56	8°48	9°17	5°0	23°50	T 21
F 22	2 3 23	28°58'27	0♂46	28°34	8°34	0°29	5°17	3°44	3°7	26°58	5°56	8°37	9°14	5°7	23°47	F 22
S 23	2 7 20	29°57'48	12°38	27°23	9°49	0°18	5°12	3°47	3°10	26°58	5°55	8°24	9°11	5°13	23°45	S 23
S 24	2 11 16	0♂57'12	24°34	26°17	11°4	0°6	5°7	3°50	3°14	26°59	5°55	8°11	9°7	5°20	23°43	S 24
M25	2 15 13	1°56'37	6♂135	25°15	12°18	29♂54	5°1	3°52	3°17	26°59	5°55	7°58	9°4	5°27	23°41	M25
T 26	2 19 10	2°56'05	18°41	24°20	13°33	29°41	4°55	3°54	3°20	27°0	5°54	7°47	9°1	5°34	23°39	T 26
W27	2 23 6	3°55'35	0♂55	23°35	14°48	29°27	4°49	3°56	3°24	27°0	5°54	7°39	8°58	5°40	23°37	W27
T 28	2 27 3	4°55'06	13°17	22°59	16°3	29°13	4°43	3°59	3°27	27°1	5°53	7°34	8°55	5°47	23°35	T 28
F 29	2 30 59	5°54'39	25°49	22°34	17°18	28°57	4°37	4°1	3°30	27°2	5°53	7°31	8°51	5°54	23°33	F 29
S 30	2 34 56	6°54'14	8♂35	22°19	18°33	28°41	4°31	4°2	3°34	27°2	5°52	7°D30	8°48	6°0	23°32	S 30
S 31	2 38 52	7♂53'51	21♂36	22°D17	19♂47	28♂25	4♂II24	4♂4	3♂37	27♂3	5♂52	7♂31	8♂45	6♂7	23♂30	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	3s18	20s35	2n 4	15s57	3s15	3s42	1n17	18n 3	2s15	20n13	1s 7	19n26	0s 7	20s21	0n10	20s 7	0n36	15n58	7s15	22n57	22n57	3n35	1n43	4n10					
S 2	3 41	22 21	1 0	16 17	3 20	4 12	1 16	18 6	2 13	20 12	1 7	19 25	0 7	20 21	0 10	20 7	0 36	15 58	7 15	22 57	22 57	3 33	1 41	4 10					
S 3	4 4	22 58	0s 8	16 34	3 25	4 42	1 15	18 9	2 12	20 12	1 7	19 24	0 7	20 22	0 10	20 7	0 36	15 58	7 16	22 57	22 58	3 30	1 40	4 10					
M 4	4 27	22 18	1 18	16 50	3 30	5 11	1 14	18 12	2 10	20 11	1 7	19 23	0 7	20 22	0 10	20 7	0 36	15 58	7 16	22 57	22 58	3 28	1 39	4 9					
T 5	4 49	20 16	2 25	17 3	3 34	5 41	1 13	18 15	2 8	20 11	1 7	19 22	0 7	20 23	0 10	20 7	0 36	15 58	7 16	22 57	22 58	3 25	1 38	4 9					
W 6	5 12	16 56	3 26	17 14	3 37	6 10	1 12	18 18	2 6	20 11	1 7	19 21	0 7	20 23	0 10	20 7	0 36	15 58	7 16	22 58	22 58	3 23	1 37	4 9					
T 7	5 35	12 28	4 15	17 23	3 40	6 40	1 10	18 20	2 4	20 10	1 7	19 20	0 6	20 24	0 10	20 7	0 36	15 58	7 16	22 58	22 59	3 20	1 36	4 9					
F 8	5 58	7 7	4 48	17 28	3 41	7 9	1 9	18 22	2 3	20 10	1 8	19 19	0 6	20 24	0 10	20 7	0 36	15 57	7 16	22 59	22 59	3 18	1 34	4 9					
S 9	6 20	1 16	5 0	17 31	3 42	7 38	1 8	18 25	2 1	20 9	1 8	19 19	0 6	20 25	0 10	20 7	0 36	15 57	7 16	23 0	22 59	3 15	1 33	4 9					
S 10	6 43	4n40	4 51	17 30	3 41	8 7	1 6	18 27	1 59	20 8	1 8	19 18	0 6	20 26	0 10	20 7	0 36	15 57	7 16	23 1	22 59	3 12	1 32	4 9					
M11	7 5	10 16	4 22	17 26	3 40	8 35	1 5	18 29	1 56	20 8	1 8	19 17	0 6	20 26	0 10	20 7	0 36	15 57	7 17	23 1	23 0	3 10	1 31	4 8					
T 12	7 28	15 9	3 36	17 18	3 36	9 4	1 3	18 31	1 54	20 7	1 8	19 16	0 6	20 27	0 10	20 7	0 36	15 57	7 17	23 2	23 0	3 7	1 30	4 8					
W13	7 50	19 0	2 36	17 7	3 32	9 32	1 1	18 33	1 52	20 6	1 8	19 15	0 6	20 27	0 10	20 7	0 36	15 57	7 17	23 2	23 0	3 5	1 29	4 8					
T 14	8 12	21 37	1 30	16 51	3 26	10 0	1 0	18 34	1 50	20 6	1 8	19 15	0 6	20 28	0 10	20 7	0 36	15 57	7 17	23 2	23 0	3 2	1 28	4 8					
F 15	8 34	22 55	0 20	16 31	3 18	10 28	0 58	18 36	1 47	20 5	1 8	19 14	0 6	20 29	0 10	20 7	0 36	15 57	7 17	23 2	23 0	3 0	1 26	4 8					
S 16	8 56	22 55	0n48	16 6	3 8	10 56	0 56	18 37	1 45	20 4	1 8	19 13	0 6	20 29	0 10	20 7	0 36	15 57	7 17	23 2	23 1	2 57	1 25	4 7					
S 17	9 18	21 44	1 52	15 38	2 57	11 23	0 54	18 39	1 43	20 3	1 8	19 13	0 6	20 30	0 10	20 7	0 35	15 56	7 17	23 2	23 1	2 54	1 24	4 7					
M18	9 39	19 33	2 49	15 5	2 43	11 50	0 53	18 40	1 40	20 3	1 8	19 12	0 6	20 30	0 10	20 7	0 35	15 56	7 17	23 3	23 1	2 52	1 23	4 7					
T 19	10 1	16 32	3 38	14 29	2 28	12 17	0 51	18 41	1 37	20 2	1 8	19 11	0 5	20 31	0 10	20 7	0 35	15 56	7 17	23 3	23 1	2 49	1 22	4 7					
W20	10 22	12 52	4 17	13 49	2 12	12 44	0 49	18 42	1 35	20 1	1 8	19 11	0 5	20 32	0 10	20 7	0 35	15 56	7 17	23 3	23 2	2 47	1 21	4 7					
T 21	10 43	8 43	4 44	13 7	1 53	13 10	0 47	18 43	1 32	20 0	1 9	19 10	0 5	20 32	0 10	20 7	0 35	15 56	7 18	23 4	23 2	2 44	1 20	4 6					
F 22	11 4	4 16	4 59	12 23	1 34	13 36	0 45	18 43	1 29	19 59	1 9	19 10	0 5	20 33	0 10	20 7	0 35	15 56	7 18	23 5	23 2	2 41	1 19	4 6					
S 23	11 25	0s21	5 1	11 39	1 14	14 2	0 43	18 44	1 26	19 58	1 9	19 9	0 5	20 33	0 10	20 7	0 35	15 56	7 18	23 5	23 2	2 39	1 18	4 6					
S 24	11 46	5 0	4 49	10 56	0 53	14 27	0 41	18 44	1 23	19 57	1 9	19 9	0 5	20 34	0 10	20 7	0 35	15 56	7 18	23 6	23 2	2 36	1 17	4 6					
M25	12 6	9 29	4 25	10 14	0 33	14 52	0 38	18 45	1 21	19 56	1 9	19 8	0 5	20 35	0 10	20 7	0 35	15 56	7 18	23 7	23 3	2 34	1 16	4 6					
T 26	12 27	13 39	3 49	9 36	0 12	15 17	0 36	18 45	1 17	19 55	1 9	19 8	0 5	20 35	0 10	20 7	0 35	15 56	7 18	23 8	23 3	2 31	1 15	4 5					
W27	12 47	17 18	3 2	9 1	0n7	15 41	0 34	18 45	1 14	19 54	1 9	19 7	0 5	20 36	0 10	20 6	0 35	15 56	7 18	23 8	23 3	2 29	1 14	4 5					
T 28	13 7	20 14	2 5	8 30	0 26	16 4	0 32	18 45	1 11	19 53	1 9	19 7	0 5	20 37	0 10	20 6	0 35	15 56	7 18	23 8	23 3	2 26	1 13	4 5					
F 29	13 27	22 15	1 2	8 5	0 43	16 28	0 30	18 45	1 8	19 51	1 9	19 7	0 5	20 37	0 10	20 6	0 35	15 55	7 18	23 9	23 4	2 23	1 12	4 5					
S 30	13 46	23 10	0s 6	7 45	0 59	16 51	0 27	18 44	1 5	19 50	1 9	19 6	0 4	20 38	0 10	20 6	0 35	15 55	7 19	23 9	23 4	2 21	1 11	4 4					
S 31	14s 6	22s51	1s15	7s31	1n13	17s13	0n25	18n44	1s 2	19n49	1s 9	19n 6	0s 4	20s39	0n10	20s 6	0n35	15n55	7s19	23n 9	23n 4	2n18	1n10	4n					

# ASTRODIENST EPHEMERIS for the year 2652

NOVEMBER 2652

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	2 42 49	8♍53'30	4♋56	22♎25	21♍2	28°R 7	4°R18	4♏6	3♌41	27♏4	5°R51	7°R31	8♋42	6♎14	23°R28	M 1
T 2	2 46 45	9°53'10	18°38	22°43	22°17	27♎50	4♏11	4°7	3°44	27°5	5♋51	7♋31	8°39	6°21	23♎26	T 2
W 3	2 50 42	10°52'52	2♋43	23°12	23°32	27°31	4°4	4°9	3°48	27°5	5°50	7°29	8°36	6°27	23°25	W 3
T 4	2 54 39	11°52'35	17°10	23°50	24°47	27°13	3°57	4°10	3°51	27°6	5°49	7°25	8°32	6°34	23°23	T 4
F 5	2 58 35	12°52'20	1♍57	24°37	26°2	26°53	3°50	4°11	3°55	27°7	5°49	7°18	8°29	6°41	23°21	F 5
S 6	3 2 32	13°52'07	16°36	25°31	27°16	26°34	3°43	4°12	3°58	27°8	5°48	7°10	8°26	6°47	23°20	S 6
S 7	3 6 28	14°51'55	2♎0	26°32	28°31	26°14	3°35	4°13	4°2	27°9	5°47	7°2	8°23	6°54	23°18	S 7
M 8	3 10 25	15°51'46	16°59	27°39	29°46	25°54	3°28	4°14	4°5	27°10	5°47	6°54	8°20	7°1	23°17	M 8
T 9	3 14 21	16°51'38	1♏43	28°51	1♌1	25°33	3°20	4°15	4°9	27°11	5°46	6°48	8°17	7°8	23°16	T 9
W10	3 18 18	17°51'33	16°6	0♍7	2°16	25°12	3°13	4°16	4°13	27°12	5°45	6°44	8°13	7°14	23°14	W10
T 11	3 22 14	18°51'29	0♋2	1°27	3°30	24°52	3°5	4°16	4°16	27°13	5°45	6°42	8°10	7°21	23°13	T 11
F 12	3 26 11	19°51'28	13°30	2°51	4°45	24°31	2°57	4°17	4°20	27°14	5°44	6°D42	8°7	7°28	23°12	F 12
S 13	3 30 8	20°51'28	26°32	4°17	6°0	24°10	2°50	4°17	4°24	27°15	5°43	6°43	8°4	7°35	23°11	S 13
S 14	3 34 4	21°51'31	9♏11	5°46	7°15	23°49	2°42	4°17	4°27	27°17	5°42	6°45	8°1	7°41	23°9	S 14
M15	3 38 1	22°51'36	21°30	7°16	8°30	23°28	2°34	4°R17	4°31	27°18	5°41	6°R46	7°57	7°48	23°8	M15
T 16	3 41 57	23°51'42	3♎36	8°48	9°45	23°7	2°26	4°17	4°35	27°19	5°41	6°45	7°54	7°55	23°7	T 16
W17	3 45 54	24°51'51	15°32	10°21	10°59	22°46	2°18	4°17	4°38	27°20	5°40	6°43	7°51	8°1	23°6	W17
T 18	3 49 50	25°52'02	27°24	11°55	12°14	22°26	2°10	4°17	4°42	27°22	5°39	6°38	7°48	8°8	23°6	T 18
F 19	3 53 47	26°52'15	9♎16	13°30	13°29	22°5	2°2	4°17	4°46	27°23	5°38	6°33	7°45	8°15	23°5	F 19
S 20	3 57 43	27°52'29	21°10	15°5	14°44	21°45	1°54	4°16	4°49	27°24	5°37	6°26	7°42	8°22	23°4	S 20
S 21	4 1 40	28°52'46	3♍11	16°41	15°59	21°26	1°45	4°16	4°53	27°26	5°36	6°18	7°38	8°28	23°3	S 21
M22	4 5 37	29°53'05	15°20	18°17	17°14	21°7	1°37	4°15	4°57	27°27	5°35	6°11	7°35	8°35	23°2	M22
T 23	4 9 33	0♌53'25	27°38	19°53	18°29	20°48	1°29	4°14	5°1	27°28	5°34	6°5	7°32	8°42	23°2	T 23
W24	4 13 30	1°53'47	10♌6	21°29	19°43	20°29	1°21	4°13	5°4	27°30	5°33	6°1	7°29	8°49	23°1	W24
T 25	4 17 26	2°54'10	22°45	23°5	20°58	20°12	1°13	4°12	5°8	27°31	5°33	5°58	7°26	8°55	23°1	T 25
F 26	4 21 23	3°54'35	5♎36	24°42	22°13	19°54	1°4	4°11	5°12	27°33	5°32	5°D57	7°23	9°2	23°0	F 26
S 27	4 25 19	4°55'02	18°38	26°18	23°28	19°38	0°56	4°10	5°16	27°34	5°31	5°58	7°19	9°9	23°0	S 27
S 28	4 29 16	5°55'30	1♋54	27°54	24°43	19°22	0°48	4°8	5°19	27°36	5°30	6°0	7°16	9°15	23°0	S 28
M29	4 33 13	6°55'59	15°23	29°30	25°58	19°6	0°40	4°7	5°23	27°38	5°29	6°1	7°13	9°22	22°59	M29
T 30	4 37 9	7♌56'30	29♋7	1♌6	27♌13	18♎52	0♏32	4♏5	5♌27	27♏39	5♋28	6♋2	7♋10	9♎29	22♎59	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	14s25	21s15	2s21	7s22	1n25	17s35	0n23	18n43	0s58	19n48	1s9	19n6	0s4	20s39	0n10	20s6
T 2	14 44	18 23	3 22	7 19	1 36	17 57	0 20	18 43	0 55	19 47	1 9	19 5	0 4	20 40	0 10	20 6
W 3	15 2	14 23	4 12	7 21	1 45	18 18	0 18	18 42	0 52	19 45	1 9	19 5	0 4	20 41	0 10	20 6
T 4	15 21	9 27	4 47	7 28	1 53	18 39	0 15	18 41	0 48	19 44	1 9	19 5	0 4	20 41	0 10	20 6
F 5	15 39	3 53	5 4	7 39	1 59	18 59	0 13	18 40	0 45	19 43	1 9	19 5	0 4	20 42	0 10	20 5
S 6	15 57	1n59	5 1	7 55	2 3	19 19	0 11	18 39	0 41	19 41	1 9	19 5	0 4	20 43	0 10	20 5
S 7	16 14	7 47	4 37	8 14	2 7	19 38	0 8	18 38	0 38	19 40	1 9	19 4	0 4	20 43	0 10	20 5
M 8	16 32	13 6	3 55	8 36	2 9	19 56	0 6	18 36	0 34	19 39	1 9	19 4	0 4	20 44	0 9	20 5
T 9	16 49	17 33	2 57	9 0	2 10	20 14	0 3	18 35	0 31	19 37	1 9	19 4	0 4	20 45	0 9	20 5
W10	17 6	20 50	1 49	9 27	2 9	20 32	0 1	18 34	0 27	19 36	1 9	19 4	0 3	20 45	0 9	20 5
T 11	17 22	22 45	0 36	9 56	2 8	20 49	0s2	18 32	0 24	19 34	1 9	19 4	0 3	20 46	0 9	20 4
F 12	17 38	23 17	0n37	10 26	2 6	21 5	0 4	18 30	0 20	19 33	1 9	19 4	0 3	20 47	0 9	20 4
S 13	17 54	22 30	1 45	10 58	2 4	21 21	0 7	18 29	0 16	19 32	1 9	19 4	0 3	20 47	0 9	20 4
S 14	18 10	20 34	2 46	11 30	2 0	21 36	0 9	18 27	0 13	19 30	1 9	19 4	0 3	20 48	0 9	20 4
M15	18 25	17 44	3 38	12 3	1 57	21 50	0 12	18 25	0 9	19 29	1 9	19 4	0 3	20 49	0 9	20 4
T 16	18 40	14 11	4 19	12 36	1 52	22 4	0 14	18 23	0 6	19 27	1 9	19 4	0 3	20 50	0 9	20 3
W17	18 55	10 7	4 49	13 10	1 47	22 17	0 17	18 22	0 2	19 26	1 8	19 4	0 3	20 50	0 9	20 3
T 18	19 9	5 42	5 5	13 44	1 42	22 30	0 19	18 20	0n1	19 24	1 8	19 5	0 3	20 51	0 9	20 3
F 19	19 23	1 5	5 9	14 18	1 37	22 42	0 22	18 18	0 5	19 23	1 8	19 5	0 3	20 52	0 9	20 3
S 20	19 37	3s36	4 59	14 51	1 31	22 53	0 24	18 16	0 8	19 21	1 8	19 5	0 3	20 52	0 9	20 2
S 21	19 50	8 12	4 36	15 24	1 25	23 4	0 27	18 14	0 11	19 20	1 8	19 5	0 2	20 53	0 9	20 2
M22	20 3	12 32	4 1	15 57	1 19	23 14	0 29	18 12	0 15	19 18	1 8	19 5	0 2	20 54	0 9	20 2
T 23	20 16	16 25	3 14	16 29	1 12	23 23	0 32	18 11	0 18	19 17	1 8	19 6	0 2	20 54	0 9	20 2
W24	20 28	19 38	2 16	17 1	1 6	23 32	0 34	18 9	0 21	19 15	1 8	19 6	0 2	20 55	0 9	20 1
T 25	20 40	21 58	1 12	17 32	0 59	23 40	0 37	18 7	0 24	19 13	1 8	19 6	0 2	20 56	0 9	20 1
F 26	20 51	23 12	0 2	18 2	0 52	23 47	0 39	18 6	0 27	19 12	1 8	19 7	0 2	20 56	0 9	20 1
S 27	21 2	23 12	1s9	18 31	0 45	23 53	0 42	18 4	0 31	19 10	1 7	19 7	0 2	20 57	0 9	20 1
S 28	21 13	21 54	2 17	19 0	0 38	23 59	0 44	18 3	0 34	19 9	1 7	19 8	0 2	20 58	0 9	20 0
M29	21 23	19 20	3 19	19 28	0 31	24 4	0 46	18 1	0 37	19 7	1 7	19 8	0 2	20 58	0 9	20 0
T 30	21s33	15s40	4s11	19s55	0n24	24s8	0s49	18n0	0n39	19n6	1s7	19n8	0s2	20s59	0n9	20s0

Julian Day Number = 2689987.5, Delta T = 23m47s  
 Ecliptic obliquity = 23°21'15", Nutation = - 0°00'18  
 Ayanamsha: Fagan/Bradley = 33°52'21", Lahiri = 32°59'20

# ASTRODIENST EPHEMERIS for the year 2652

DECEMBER 2652

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	4 41 6	8°57'01	13°16' 6	2°42	28°27	18°R38	0°R24	4°R 4	5°30	27°41	5°R27	6°R 3	7° 7	9°36	22°R59	W 1
T 2	4 45 2	9°57'34	27°19	4°17	29°42	18°25	0°I16	4° 2	5°34	27°42	5°25	6° 1	7° 3	9°42	22°R59	T 2
F 3	4 48 59	10°58'08	11°19'44	5°53	0°57	18°12	0° 8	4° 0	5°38	27°44	5°24	5°59	7° 0	9°49	22°D59	F 3
S 4	4 52 55	11°58'43	26°17	7°28	2°12	18° 0	0° 0	3°58	5°42	27°46	5°23	5°56	6°57	9°56	22°59	S 4
S 5	4 56 52	12°59'19	10°54	9° 3	3°27	17°50	29°53	3°56	5°45	27°48	5°22	5°53	6°54	10° 2	22°59	S 5
M 6	5 0 48	13°59'56	25°28	10°38	4°41	17°39	29°45	3°54	5°49	27°49	5°21	5°50	6°51	10° 9	22°59	M 6
T 7	5 4 45	15° 0'35	9°11'52	12°12	5°56	17°30	29°37	3°51	5°53	27°51	5°20	5°47	6°48	10°16	22°59	T 7
W 8	5 8 42	16° 1'15	24° 1	13°47	7°11	17°22	29°30	3°49	5°56	27°53	5°19	5°46	6°44	10°23	22°59	W 8
T 9	5 12 38	17° 1'56	7°49	15°22	8°26	17°14	29°22	3°46	6° 0	27°55	5°18	5°D46	6°41	10°29	23° 0	T 9
F 10	5 16 35	18° 2'39	21°16	16°56	9°41	17° 7	29°15	3°44	6° 4	27°56	5°17	5°46	6°38	10°36	23° 0	F 10
S 11	5 20 31	19° 3'23	4°19	18°30	10°55	17° 1	29° 8	3°41	6° 8	27°58	5°16	5°47	6°35	10°43	23° 0	S 11
S 12	5 24 28	20° 4'09	17° 2	20° 5	12°10	16°55	29° 1	3°38	6°11	28° 0	5°15	5°49	6°32	10°50	23° 1	S 12
M13	5 28 24	21° 4'56	29°26	21°39	13°25	16°51	28°54	3°35	6°15	28° 2	5°13	5°50	6°29	10°56	23° 1	M13
T 14	5 32 21	22° 5'44	11°35	23°13	14°40	16°47	28°47	3°32	6°18	28° 4	5°12	5°51	6°25	11° 3	23° 2	T 14
W15	5 36 17	23° 6'34	23°33	24°47	15°54	16°44	28°40	3°29	6°22	28° 6	5°11	5°R51	6°22	11°10	23° 3	W15
T 16	5 40 14	24° 7'24	5°27	26°21	17° 9	16°42	28°33	3°26	6°26	28° 8	5°10	5°51	6°19	11°16	23° 3	T 16
F 17	5 44 11	25° 8'17	17°19	27°55	18°24	16°41	28°27	3°23	6°29	28°10	5° 9	5°50	6°16	11°23	23° 4	F 17
S 18	5 48 7	26° 9'10	29°15	29°29	19°39	16°D41	28°20	3°20	6°33	28°12	5° 8	5°49	6°13	11°30	23° 5	S 18
S 19	5 52 4	27°10'05	11°19	1° 4	20°53	16°41	28°14	3°16	6°36	28°14	5° 7	5°48	6° 9	11°37	23° 6	S 19
M20	5 56 0	28°11'01	23°33	2°38	22° 8	16°42	28° 8	3°13	6°40	28°16	5° 5	5°46	6° 6	11°43	23° 7	M20
T 21	5 59 57	29°11'58	6°1	4°12	23°23	16°44	28° 2	3° 9	6°44	28°18	5° 4	5°45	6° 3	11°50	23° 8	T 21
W22	6 3 53	0°12'56	18°44	5°46	24°37	16°47	27°56	3° 5	6°47	28°20	5° 3	5°45	6° 0	11°57	23° 9	W22
T 23	6 7 50	1°13'55	1°34	7°21	25°52	16°50	27°51	3° 2	6°51	28°22	5° 2	5°D45	5°57	12° 4	23°10	T 23
F 24	6 11 46	2°14'55	14°57	8°55	27° 7	16°54	27°45	2°58	6°54	28°24	5° 1	5°45	5°54	12°10	23°11	F 24
S 25	6 15 43	3°15'55	28°25	10°30	28°22	16°59	27°40	2°54	6°57	28°26	4°59	5°45	5°50	12°17	23°12	S 25
S 26	6 19 40	4°16'57	12°6	12° 5	29°36	17° 5	27°35	2°50	7° 1	28°28	4°58	5°45	5°47	12°24	23°13	S 26
M27	6 23 36	5°17'58	25°58	13°39	0°51	17°12	27°30	2°46	7° 4	28°30	4°57	5°R45	5°44	12°30	23°15	M27
T 28	6 27 33	6°19'00	9°58	15°14	2° 6	17°19	27°25	2°42	7° 8	28°33	4°56	5°45	5°41	12°37	23°16	T 28
W29	6 31 29	7°20'03	24° 4	16°49	3°20	17°27	27°20	2°38	7°11	28°35	4°55	5°45	5°38	12°44	23°18	W29
T 30	6 35 26	8°21'05	8°14	18°24	4°35	17°35	27°16	2°33	7°14	28°37	4°54	5°D45	5°35	12°51	23°19	T 30
F 31	6 39 22	9°22'08	22°26	19°59	5°49	17°44	27°12	2°29	7°18	28°39	4°52	5°45	5°31	12°57	23°21	F 31

Day	☉	☾		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	21s43	11s 4	4s49	20s20	0n17	24s12	0s51	17n59	0n42	19n 4	1s 7	19n 9	0s 1	21s 0	0n 9	20s 0	0n34	15n54	7s21	23n13	23n10	0n57	0n50	3n56			
T 2	21 52	5 49	5 10	20 45	0 10	24 15	0 53	17 58	0 45	19 3	1 7	19 9	0 1	21 0	0 9	19 59	0 34	15 54	7 21	23 13	23 10	0 54	0 50	3 56			
F 3	22 1	0 10	5 12	21 9	0 3	24 17	0 56	17 57	0 48	19 1	1 7	19 10	0 1	21 1	0 9	19 59	0 34	15 54	7 21	23 13	23 10	0 51	0 50	3 55			
S 4	22 9	5n32	4 54	21 32	0s 3	24 18	0 58	17 57	0 50	19 0	1 6	19 11	0 1	21 2	0 9	19 59	0 34	15 54	7 21	23 13	23 10	0 49	0 49	3 55			
S 5	22 17	10 58	4 17	21 54	0 10	24 19	1 0	17 56	0 53	18 58	1 6	19 11	0 1	21 2	0 9	19 58	0 34	15 54	7 21	23 13	23 11	0 46	0 49	3 55			
M 6	22 24	15 45	3 24	22 14	0 17	24 18	1 2	17 56	0 56	18 57	1 6	19 12	0 1	21 3	0 9	19 58	0 34	15 54	7 21	23 14	23 11	0 43	0 49	3 54			
T 7	22 31	19 35	2 18	22 34	0 24	24 17	1 4	17 55	0 58	18 55	1 6	19 12	0 1	21 4	0 9	19 58	0 34	15 54	7 21	23 14	23 11	0 41	0 49	3 54			
W 8	22 37	22 9	1 4	22 52	0 30	24 16	1 6	17 55	1 0	18 54	1 6	19 13	0 1	21 4	0 9	19 57	0 34	15 54	7 21	23 14	23 11	0 38	0 49	3 54			
T 9	22 43	23 19	0n11	23 10	0 37	24 13	1 8	17 55	1 3	18 53	1 6	19 14	0 1	21 5	0 9	19 57	0 34	15 55	7 21	23 14	23 11	0 35	0 48	3 53			
F 10	22 49	23 4	1 25	23 26	0 43	24 10	1 10	17 55	1 5	18 51	1 5	19 14	0 1	21 6	0 9	19 57	0 34	15 55	7 21	23 14	23 11	0 33	0 48	3 53			
S 11	22 54	21 34	2 31	23 40	0 49	24 6	1 12	17 56	1 7	18 50	1 5	19 15	0 0	21 6	0 9	19 56	0 34	15 55	7 21	23 14	23 11	0 30	0 48	3 53			
S 12	22 59	18 59	3 29	23 54	0 55	24 2	1 14	17 56	1 9	18 49	1 5	19 16	0 0	21 7	0 9	19 56	0 34	15 55	7 21	23 14	23 12	0 27	0 48	3 53			
M13	23 3	15 37	4 15	24 7	1 1	23 57	1 16	17 57	1 11	18 47	1 5	19 17	0 0	21 7	0 9	19 56	0 34	15 55	7 21	23 14	23 12	0 25	0 48	3 52			
T 14	23 7	11 39	4 49	24 18	1 7	23 51	1 18	17 58	1 13	18 46	1 5	19 17	0 0	21 8	0 9	19 55	0 34	15 55	7 21	23 14	23 12	0 22	0 48	3 52			
W15	23 11	7 17	5 9	24 28	1 13	23 44	1 20	17 59	1 15	18 45	1 4	19 18	0 0	21 9	0 9	19 55	0 34	15 55	7 21	23 14	23 12	0 19	0 48	3 52			
T 16	23 13	2 41	5 16	24 36	1 18	23 36	1 21	18 0	1 17	18 43	1 4	19 19	0n 0	21 9	0 9	19 55	0 34	15 55	7 21	23 14	23 12	0 17	0 48	3 51			
F 17	23 16	2s 0	5 10	24 43	1 23	23 28	1 23	18 2	1 19	18 42	1 4	19 20	0 0	21 10	0 9	19 54	0 34	15 55	7 21	23 14	23 12	0 14	0 48	3 51			
S 18	23 18	6 38	4 50	24 49	1 28	23 19	1 25	18 3	1 21	18 41	1 4	19 21	0 0	21 11	0 9	19 54	0 34	15 55	7 21	23 14	23 13	0 11	0 48	3 51			
S 19	23 19	11 5	4 18	24 54	1 33	23 9	1 26	18 5	1 22	18 40	1 3	19 22	0 0	21 11	0 9	19 53	0 34	15 55	7 21	23 14	23 13	0 9	0 48	3 51			
M20	23 20	15 9	3 33	24 57	1 38	22 59	1 28	18 7	1 24	18 39	1 3	19 23	0 1	21 12	0 9	19 53	0 34	15 55	7 21	23 14	23 13	0 6	0 48	3 50			
T 21	23 21	18 39	2 37	24 59	1 42	22 48	1 29	18 9	1 26	18 38	1 3	19 24	0 1	21 12	0 9	19 53	0 34	15 55	7 21	23 14	23 13	0 3	0 48	3 50			
W22	23 21	21 20	1 33	25 0	1 46	22 36	1 31	18 11	1 27	18 37	1 3	19 25	0 1	21 13	0 9	19 52	0 34	15 55	7 21	23 14	23 13	0 1	0 49	3 50			
T 23	23 21	22 58	0 22	24 59	1 50	22 24	1 32	18 13	1 29	18 36	1 3	19 26	0 1	21 14	0 9	19 52	0 34	15 55	7 21	23 14	23 13	0s 2	0 49	3 49			
F 24	23 20	23 22	0s51	24 57	1 54	22 11	1 33	18 16	1 30	18 35	1 2	19 27	0 1	21 14	0 9	19 51	0 34	15 55	7 20	23 14	23 13	0 5	0 49	3 49			
S 25	23 19	22 24	2 3	24 53	1 57	21 57	1 34	18 19	1 31	18 34	1 2	19 28	0 1	21 15	0 9	19 51	0 34	15 55	7 20	23 14	23 14	0 7	0 49	3 49			
S 26	23 17	20 7	3 8	24 48	2 0	21 43	1 35	18 21	1 33	18 33	1 2	19 29	0 1	21 15	0 9	19 51	0 34	15 56	7 20	23 14	23 14	0 10	0 49	3 49			
M27	23 15	16 39	4 4	24 42	2 3	21 28	1 37	18 24	1 34	18 32	1 2	19 30	0 1	21 16	0 9	19 50	0 34	15 56	7 20	23 14	23 14	0 13	0 50	3 48			
T 28	23 12	12 13	4 46	24 34	2 6	21 12	1 38	18 28	1 35	18 31	1 1	19 31	0 1	21 16	0 9	19 50	0 34	15 56	7 20	23 14	23 14	0 16	0 50	3 48			
W29	23 9	7 6	5 11	24 25	2 8	20 56	1 39	18 31	1 36	18 30	1 1	19 32	0 1	21 17	0 9	19 49	0 34	15 56	7 20	23 14	23 14	0 18	0 50	3 48			
T 30	23 6	1 36	5 17	24 14	2 10	20 39	1 39	18 34	1 37	18 29	1 1	19 33	0 2	21 18	0 9	19 49	0 34	15 56	7 20	23 14	23 14	0 21	0 51	3 48			
F 31	23s 1	4n 0	5s 4	24s 2	2s11	20s22	1s40	18n38	1n38	18n29	1s 1	19n34	0n 2	21s18	0n 9	19s49	0n34	15n56	7s20	23n14	23n14	0s24	0n51	3n47			

# ASTRODIENST EPHEMERIS for the year 2653

JANUARY 2653

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 43 19	10 <sup>23</sup> 31'11	6 <sup>8</sup> 38	21 <sup>3</sup> 34	7 <sup>4</sup> 4	17 <sup>8</sup> 54	27 <sup>0</sup> R 8	2 <sup>0</sup> R25	7 <sup>2</sup> 21	28 <sup>3</sup> 41	4 <sup>0</sup> R51	5 <sup>2</sup> 45	5 <sup>2</sup> 28	13 <sup>1</sup> 4	23 <sup>3</sup> 22	S 1
S 2	6 47 15	11 <sup>0</sup> 24'15	20 <sup>0</sup> 46	23 <sup>0</sup> 8	8 <sup>0</sup> 18	18 <sup>0</sup> 5	27 <sup>8</sup> 4	2 <sup>0</sup> L20	7 <sup>0</sup> 24	28 <sup>0</sup> 43	4 <sup>0</sup> 50	5 <sup>0</sup> 46	5 <sup>0</sup> 25	13 <sup>0</sup> 11	23 <sup>0</sup> 24	S 2
M 3	6 51 12	12 <sup>0</sup> 25'18	4 <sup>1</sup> II50	24 <sup>0</sup> 43	9 <sup>0</sup> 33	18 <sup>0</sup> 16	27 <sup>0</sup> 0	2 <sup>0</sup> 16	7 <sup>0</sup> 28	28 <sup>0</sup> 46	4 <sup>0</sup> 49	5 <sup>0</sup> 47	5 <sup>0</sup> 22	13 <sup>0</sup> 17	23 <sup>0</sup> 26	M 3
T 4	6 55 9	13 <sup>0</sup> 26'22	18 <sup>0</sup> 44	26 <sup>0</sup> 18	10 <sup>0</sup> 47	18 <sup>0</sup> 27	26 <sup>0</sup> 57	2 <sup>0</sup> 11	7 <sup>0</sup> 31	28 <sup>0</sup> 48	4 <sup>0</sup> 48	5 <sup>0</sup> 47	5 <sup>0</sup> 19	13 <sup>0</sup> 24	23 <sup>0</sup> 27	T 4
W 5	6 59 5	14 <sup>0</sup> 27'27	2 <sup>2</sup> 28	27 <sup>0</sup> 52	12 <sup>0</sup> 2	18 <sup>0</sup> 40	26 <sup>0</sup> 53	2 <sup>0</sup> 7	7 <sup>0</sup> 34	28 <sup>0</sup> 50	4 <sup>0</sup> 47	5 <sup>0</sup> R47	5 <sup>0</sup> 15	13 <sup>0</sup> 31	23 <sup>0</sup> 29	W 5
T 6	7 3 2	15 <sup>0</sup> 28'31	15 <sup>0</sup> 57	29 <sup>0</sup> 26	13 <sup>0</sup> 16	18 <sup>0</sup> 53	26 <sup>0</sup> 50	2 <sup>0</sup> 2	7 <sup>0</sup> 37	28 <sup>0</sup> 52	4 <sup>0</sup> 45	5 <sup>0</sup> 47	5 <sup>0</sup> 12	13 <sup>0</sup> 38	23 <sup>0</sup> 31	T 6
F 7	7 6 58	16 <sup>0</sup> 29'36	29 <sup>0</sup> 10	1 <sup>1</sup> 00	14 <sup>0</sup> 31	19 <sup>0</sup> 6	26 <sup>0</sup> 47	1 <sup>0</sup> 58	7 <sup>0</sup> 40	28 <sup>0</sup> 54	4 <sup>0</sup> 44	5 <sup>0</sup> 47	5 <sup>0</sup> 9	13 <sup>0</sup> 44	23 <sup>0</sup> 33	F 7
S 8	7 10 55	17 <sup>0</sup> 30'41	12 <sup>0</sup> L 6	2 <sup>0</sup> 33	15 <sup>0</sup> 45	19 <sup>0</sup> 20	26 <sup>0</sup> 45	1 <sup>0</sup> 53	7 <sup>0</sup> 43	28 <sup>0</sup> 57	4 <sup>0</sup> 43	5 <sup>0</sup> 45	5 <sup>0</sup> 6	13 <sup>0</sup> 51	23 <sup>0</sup> 35	S 8
S 9	7 14 51	18 <sup>0</sup> 31'47	24 <sup>0</sup> 46	4 <sup>0</sup> 5	17 <sup>0</sup> 0	19 <sup>0</sup> 35	26 <sup>0</sup> 42	1 <sup>0</sup> 48	7 <sup>0</sup> 46	28 <sup>0</sup> 59	4 <sup>0</sup> 42	5 <sup>0</sup> 43	5 <sup>0</sup> 3	13 <sup>0</sup> 58	23 <sup>0</sup> 37	S 9
M10	7 18 48	19 <sup>0</sup> 32'52	7 <sup>1</sup> II10	5 <sup>0</sup> 36	18 <sup>0</sup> 14	19 <sup>0</sup> 50	26 <sup>0</sup> 40	1 <sup>0</sup> 43	7 <sup>0</sup> 49	29 <sup>0</sup> 1	4 <sup>0</sup> 41	5 <sup>0</sup> 41	5 <sup>0</sup> 0	14 <sup>0</sup> 5	23 <sup>0</sup> 39	M10
T 11	7 22 45	20 <sup>0</sup> 33'58	19 <sup>0</sup> 20	7 <sup>0</sup> 6	19 <sup>0</sup> 28	20 <sup>0</sup> 6	26 <sup>0</sup> 38	1 <sup>0</sup> 39	7 <sup>0</sup> 52	29 <sup>0</sup> 3	4 <sup>0</sup> 40	5 <sup>0</sup> 39	4 <sup>0</sup> 56	14 <sup>0</sup> 11	23 <sup>0</sup> 41	T 11
W12	7 26 41	21 <sup>0</sup> 35'05	1 <sup>1</sup> II20	8 <sup>0</sup> 35	20 <sup>0</sup> 43	20 <sup>0</sup> 22	26 <sup>0</sup> 36	1 <sup>0</sup> 34	7 <sup>0</sup> 55	29 <sup>0</sup> 6	4 <sup>0</sup> 39	5 <sup>0</sup> 38	4 <sup>0</sup> 53	14 <sup>0</sup> 18	23 <sup>0</sup> 43	W12
T 13	7 30 38	22 <sup>0</sup> 36'12	13 <sup>0</sup> 14	10 <sup>0</sup> 3	21 <sup>0</sup> 57	20 <sup>0</sup> 38	26 <sup>0</sup> 34	1 <sup>0</sup> 29	7 <sup>0</sup> 58	29 <sup>0</sup> 8	4 <sup>0</sup> 37	5 <sup>0</sup> 37	4 <sup>0</sup> 50	14 <sup>0</sup> 25	23 <sup>0</sup> 45	T 13
F 14	7 34 34	23 <sup>0</sup> 37'19	25 <sup>0</sup> 6	11 <sup>0</sup> 28	23 <sup>0</sup> 11	20 <sup>0</sup> 55	26 <sup>0</sup> 33	1 <sup>0</sup> 24	8 <sup>0</sup> 1	29 <sup>0</sup> 10	4 <sup>0</sup> 36	5 <sup>0</sup> D36	4 <sup>0</sup> 47	14 <sup>0</sup> 31	23 <sup>0</sup> 47	F 14
S 15	7 38 31	24 <sup>0</sup> 38'26	7 <sup>1</sup> II 1	12 <sup>0</sup> 51	24 <sup>0</sup> 25	21 <sup>0</sup> 13	26 <sup>0</sup> 31	1 <sup>0</sup> 19	8 <sup>0</sup> 4	29 <sup>0</sup> 12	4 <sup>0</sup> 35	5 <sup>0</sup> 37	4 <sup>0</sup> 44	14 <sup>0</sup> 38	23 <sup>0</sup> 50	S 15
S 16	7 42 27	25 <sup>0</sup> 39'34	19 <sup>0</sup> 4	14 <sup>0</sup> 10	25 <sup>0</sup> 40	21 <sup>0</sup> 31	26 <sup>0</sup> 30	1 <sup>0</sup> 14	8 <sup>0</sup> 7	29 <sup>0</sup> 15	4 <sup>0</sup> 34	5 <sup>0</sup> 38	4 <sup>0</sup> 41	14 <sup>0</sup> 45	23 <sup>0</sup> 52	S 16
M17	7 46 24	26 <sup>0</sup> 40'42	1 <sup>1</sup> II20	15 <sup>0</sup> 27	26 <sup>0</sup> 54	21 <sup>0</sup> 50	26 <sup>0</sup> 30	1 <sup>0</sup> 9	8 <sup>0</sup> 10	29 <sup>0</sup> 17	4 <sup>0</sup> 33	5 <sup>0</sup> 40	4 <sup>0</sup> 37	14 <sup>0</sup> 52	23 <sup>0</sup> 54	M17
T 18	7 50 20	27 <sup>0</sup> 41'50	13 <sup>0</sup> 52	16 <sup>0</sup> 39	28 <sup>0</sup> 8	22 <sup>0</sup> 8	26 <sup>0</sup> 29	1 <sup>0</sup> 4	8 <sup>0</sup> 12	29 <sup>0</sup> 19	4 <sup>0</sup> 32	5 <sup>0</sup> 41	4 <sup>0</sup> 34	14 <sup>0</sup> 58	23 <sup>0</sup> 57	T 18
W19	7 54 17	28 <sup>0</sup> 42'58	26 <sup>0</sup> 44	17 <sup>0</sup> 47	29 <sup>0</sup> 22	22 <sup>0</sup> 28	26 <sup>0</sup> 29	0 <sup>0</sup> 59	8 <sup>0</sup> 15	29 <sup>0</sup> 22	4 <sup>0</sup> 31	5 <sup>0</sup> 42	4 <sup>0</sup> 31	15 <sup>0</sup> 5	23 <sup>0</sup> 59	W19
T 20	7 58 14	29 <sup>0</sup> 44'07	9 <sup>2</sup> II57	18 <sup>0</sup> 49	0 <sup>0</sup> 36	22 <sup>0</sup> 48	26 <sup>0</sup> 28	0 <sup>0</sup> 55	8 <sup>0</sup> 18	29 <sup>0</sup> 24	4 <sup>0</sup> 30	5 <sup>0</sup> R43	4 <sup>0</sup> 28	15 <sup>0</sup> 12	24 <sup>0</sup> 2	T 20
F 21	8 2 10	0 <sup>0</sup> 45'15	23 <sup>0</sup> 31	19 <sup>0</sup> 46	1 <sup>0</sup> 50	23 <sup>0</sup> 8	26 <sup>0</sup> D28	0 <sup>0</sup> 50	8 <sup>0</sup> 21	29 <sup>0</sup> 26	4 <sup>0</sup> 29	5 <sup>0</sup> 42	4 <sup>0</sup> 25	15 <sup>0</sup> 18	24 <sup>0</sup> 4	F 21
S 22	8 6 7	1 <sup>0</sup> 46'23	7 <sup>1</sup> II25	20 <sup>0</sup> 35	3 <sup>0</sup> 4	23 <sup>0</sup> 29	26 <sup>0</sup> 29	0 <sup>0</sup> 45	8 <sup>0</sup> 23	29 <sup>0</sup> 28	4 <sup>0</sup> 28	5 <sup>0</sup> 39	4 <sup>0</sup> 21	15 <sup>0</sup> 25	24 <sup>0</sup> 7	S 22
S 23	8 10 3	2 <sup>0</sup> 47'30	21 <sup>0</sup> 36	21 <sup>0</sup> 16	4 <sup>0</sup> 18	23 <sup>0</sup> 50	26 <sup>0</sup> 29	0 <sup>0</sup> 40	8 <sup>0</sup> 26	29 <sup>0</sup> 31	4 <sup>0</sup> 27	5 <sup>0</sup> 36	4 <sup>0</sup> 18	15 <sup>0</sup> 32	24 <sup>0</sup> 10	S 23
M24	8 14 0	3 <sup>0</sup> 48'37	5 <sup>1</sup> II57	21 <sup>0</sup> 48	5 <sup>0</sup> 32	24 <sup>0</sup> 11	26 <sup>0</sup> 30	0 <sup>0</sup> 35	8 <sup>0</sup> 28	29 <sup>0</sup> 33	4 <sup>0</sup> 26	5 <sup>0</sup> 31	4 <sup>0</sup> 15	15 <sup>0</sup> 39	24 <sup>0</sup> 12	M24
T 25	8 17 56	4 <sup>0</sup> 49'44	20 <sup>0</sup> 25	22 <sup>0</sup> 11	6 <sup>0</sup> 46	24 <sup>0</sup> 33	26 <sup>0</sup> 30	0 <sup>0</sup> 30	8 <sup>0</sup> 31	29 <sup>0</sup> 35	4 <sup>0</sup> 25	5 <sup>0</sup> 27	4 <sup>0</sup> 12	15 <sup>0</sup> 45	24 <sup>0</sup> 15	T 25
W26	8 21 53	5 <sup>0</sup> 50'50	4 <sup>0</sup> Y52	22 <sup>0</sup> 23	8 <sup>0</sup> 0	24 <sup>0</sup> 55	26 <sup>0</sup> 31	0 <sup>0</sup> 25	8 <sup>0</sup> 33	29 <sup>0</sup> 37	4 <sup>0</sup> 24	5 <sup>0</sup> 23	4 <sup>0</sup> 9	15 <sup>0</sup> 52	24 <sup>0</sup> 18	W26
T 27	8 25 49	6 <sup>0</sup> 51'55	19 <sup>0</sup> 14	22 <sup>0</sup> R24	9 <sup>0</sup> 14	25 <sup>0</sup> 17	26 <sup>0</sup> 33	0 <sup>0</sup> 20	8 <sup>0</sup> 36	29 <sup>0</sup> 40	4 <sup>0</sup> 23	5 <sup>0</sup> 20	4 <sup>0</sup> 6	15 <sup>0</sup> 59	24 <sup>0</sup> 21	T 27
F 28	8 29 46	7 <sup>0</sup> 53'00	3 <sup>1</sup> II28	22 <sup>0</sup> 13	10 <sup>0</sup> 28	25 <sup>0</sup> 40	26 <sup>0</sup> 34	0 <sup>0</sup> 15	8 <sup>0</sup> 38	29 <sup>0</sup> 42	4 <sup>0</sup> 22	5 <sup>0</sup> D19	4 <sup>0</sup> 2	16 <sup>0</sup> 6	24 <sup>0</sup> 23	F 28
S 29	8 33 43	8 <sup>0</sup> 54'03	17 <sup>0</sup> 30	21 <sup>0</sup> 51	11 <sup>0</sup> 41	26 <sup>0</sup> 4	26 <sup>0</sup> 36	0 <sup>0</sup> 10	8 <sup>0</sup> 40	29 <sup>0</sup> 44	4 <sup>0</sup> 21	5 <sup>0</sup> 19	3 <sup>0</sup> 59	16 <sup>0</sup> 12	24 <sup>0</sup> 26	S 29
S 30	8 37 39	9 <sup>0</sup> 55'08	1 <sup>1</sup> II22	21 <sup>0</sup> 17	12 <sup>0</sup> 55	26 <sup>0</sup> 27	26 <sup>0</sup> 38	0 <sup>0</sup> 5	8 <sup>0</sup> 42	29 <sup>0</sup> 46	4 <sup>0</sup> 20	5 <sup>0</sup> 21	3 <sup>0</sup> 56	16 <sup>0</sup> 19	24 <sup>0</sup> 29	S 30
M31	8 41 36	10 <sup>0</sup> 56'08	15 <sup>1</sup> II 1	20 <sup>0</sup> 32	14 <sup>0</sup> Y 9	26 <sup>0</sup> 51	26 <sup>0</sup> B40	0 <sup>0</sup> L 1	8 <sup>0</sup> 45	29 <sup>0</sup> 49	4 <sup>0</sup> 19	5 <sup>0</sup> 22	3 <sup>0</sup> 53	16 <sup>0</sup> 26	24 <sup>0</sup> 32	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	22s57	9n23	4s32	23s48	2s12	20s 4	1s41	18n42	1n39	18n28	1 s 0	19n35	0n 2	21s19	0n 9	19s48	0n34	15n56	7s20	23n14	23n14	0s26	0n51	3n47					
S 2	22 52	14 16	3 44	23 33	2 13	19 45	1 42	18 46	1 40	18 27	1 0	19 36	0 2	21 19	0 9	19 48	0 34	15 56	7 20	23 14	23 15	0 29	0 52	3 47					
M 3	22 47	18 21	2 43	23 17	2 13	19 26	1 42	18 50	1 41	18 27	1 0	19 37	0 2	21 20	0 9	19 47	0 34	15 56	7 20	23 14	23 15	0 32	0 52	3 46					
T 4	22 41	21 20	1 33	22 59	2 12	19 7	1 43	18 54	1 42	18 26	0 59	19 38	0 2	21 20	0 9	19 47	0 34	15 56	7 20	23 14	23 15	0 34	0 53	3 46					
W 5	22 34	23 1	0 18	22 40	2 12	18 46	1 43	18 58	1 43	18 26	0 59	19 39	0 2	21 21	0 9	19 46	0 34	15 57	7 20	23 14	23 15	0 37	0 53	3 46					
T 6	22 28	23 20	0n56	22 19	2 10	18 26	1 43	19 2	1 44	18 25	0 59	19 40	0 2	21 21	0 9	19 46	0 34	15 57	7 20	23 14	23 15	0 40	0 53	3 46					
F 7	22 20	22 18	2 6	21 57	2 8	18 4	1 44	19 7	1 45	18 25	0 59	19 42	0 2	21 22	0 9	19 46	0 34	15 57	7 20	23 14	23 15	0 42	0 54	3 45					
S 8	22 13	20 6	3 8	21 34	2 6	17 43	1 44	19 11	1 45	18 25	0 58	19 43	0 3	21 22	0 9	19 45	0 33	15 57	7 20	23 14	23 15	0 45	0 55	3 45					
S 9	22 5	16 58	3 59	21 9	2 3	17 20	1 44	19 16	1 46	18 24	0 58	19 44	0 3	21 23	0 9	19 45	0 33	15 57	7 19	23 14	23 15	0 48	0 55	3 45					
M10	21 56	13 9	4 38	20 43	1 59	16 58	1 44	19 21	1 47	18 24	0 58	19 45	0 3	21 23	0 9	19 44	0 33	15 57	7 19	23 14	23 16	0 51	0 56	3 45					
T 11	21 47	8 51	5 3	20 16	1 54	16 35	1 44	19 26	1 47	18 24	0 58	19 46	0 3	21 24	0 9	19 44	0 33	15 57	7 19	23 14	23 16	0 53	0 56	3 44					
W12	21 38	4 17	5 15	19 48	1 49	16 11	1 44	19 31	1 48	18 24	0 57	19 47	0 3	21 24	0 9	19 43	0 33	15 57	7 19	23 14	23 16	0 56	0 57	3 44					
T 13	21 28	0s24	5 13	19 19	1 43	15 47	1 44	19 36	1 49	18 24	0 57	19 49	0 3	21 25	0 9	19 43	0 33	15 58	7 19	23 14	23 16	0 59	0 57	3 44					
F 14	21 18	5 3	4 58	18 50	1 37	15 22	1 44	19 41	1 49	18 24	0 57	19 50	0 3	21 25	0 9	19 42	0 33	15 58	7 19	23 14	23 16	1 1	0 58	3 44					
S 15	21 7	9 33	4 30	18 19	1 29	14 58	1 43	19 46	1 50	18 24	0 57	19 51	0 3	21 26	0 9	19 42	0 33	15 58	7 19	23 14	23 16	1 4	0 59	3 43					
S 16	20 56	13 45	3 49	17 48	1 20	14 32	1 43	19 51	1 50	18 24	0 56	19 52	0 3	21 26	0 9	19 41	0 33	15 58	7 19	23 14	23 16	1 7	0 59	3 43					
M17	20 45	17 27	2 58	17 17	1 11	14 7	1 42	19 56	1 51	18 24	0 56	19 53	0 4	21 27	0 9	19 41	0 33	15 58	7 19	23 14	23 16	1 10	1 0	3 43					
T 18	20 33	20 26	1 57	16 45	1 1	13 40	1 42	20 2	1 51	18 24	0 56	19 54	0 4	21 27	0 9	19 41	0 33	15 58	7 19	23 14	23 17	1 12	1 1	3 43					
W19	20 21	22 30	0 49	16 14	0 49	13 14	1 41	20 7	1 51	18 24	0 55	19 56	0 4	21 27	0 9	19 40	0 33	15 58	7 18	23 14	23 17	1 15	1 2	3 42					
T 20	20 8	23 22	0s23	15 43	0 37	12 47	1 40	20 13	1 52	18 24	0 55	19 57	0 4	21 28	0 9	19 40	0 33	15 59	7 18	23 14	23 17	1 18	1 2	3 42					
F 21	19 55	22 54	1 36	15 12	0 23	12 20	1 40	20 18	1 52	18 24	0 55	19 58	0 4	21 28	0 9	19 39	0 33	15 59	7 18	23 14	23 17	1 20	1 3	3 42					
S 22	19 42	21 1	2 45	14 43	0 9	11 53	1 39	20 24	1 53	18 25	0 55	19 59	0 4	21 29	0 9	19 39	0 33	15 59	7 18	23 14	23 17	1 23	1 4	3 42					
S 23	19 28	17 49	3 45	14 16	0n 6	11 25	1 38	20 29	1 53	18 25	0 54	20 0	0 4	21 29	0 9	19 38	0 33	15 59	7 18	23 14	23 17	1 26	1 5	3 42					
M24	19 14	13 30	4 32	13 50	0 23	10 57	1 37	20 35	1 53	18 26	0 54	20 2	0 4	21 29	0 9	19 38	0 33	15 59	7 18	23 14	23 17	1 29	1 6	3 41					
T 25	18 59	8 25	5 2	13 27	0 40	10 29	1 36	20 40	1 54	18 26	0 54	20 3	0 4	21 30	0 9	19 37	0 33	15 59	7 18	23 15	23 17	1 31	1 7	3 41					
W26	18 45	2 51	5 12	13 6	0 57	10 0	1 34	20 46	1 54	18 26	0 53	20 4	0 5	21 30	0 9	19 37	0 33	16 0	7 18	23 15	23 17	1 34	1 7	3 41					
T 27	18 29	2n49	5 3	12 49	1 15	9 31	1 33	20 52	1 54	18 27	0 53	20 5	0 5	21 31	0 9	19 36	0 33	16 0	7 17	23 15	23 17	1 37	1 8	3 41					
F 28	18 14	8 18	4 36	12 35	1 34	9 2	1 32	20 58	1 54	18 28	0 53	20 6	0 5	21 31	0 9	19 36	0 33	16 0	7 17	23 15	23 18	1 39	1 9	3 40					
S 29	17 58	13 17	3 52	12 25	1 52	8 33	1 30	21 3	1 54	18 28	0 53	20 7	0 5	21 31	0 9	19 35	0 33	16 0	7 17	23 15	23 18	1 42	1 10	3 40					
S 30	17 42	17 30	2 55	12 19	2 10	8 3	1 29	21 9	1 55	18 29	0 52	20 8	0 5	21 32	0 9	19 35	0 33	16 0	7 17	23 15	23 18	1 45	1 11	3 40					
M31	17s26	20n43	1s49	12s17	2n27	7s33	1s27	21n15	1n55	18n30	0s52	20n10	0n 5	21s32	0n 9	19s35	0n33	16n 0	7s17	23n15	23n18	1s48	1n12	3n40					



## ASTRODIENST EPHEMERIS for the year 2653

MARCH 2653

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 35 56	10°19'44	8°38'	13°53'	19°16'	10°11'	29°01'	28°R 3	9°28'	0°49'	4°R 0	3°R31	2°21'	19°41'	26°H 9	T 1
W 2	10 39 52	11°20'14	21°35'	14°55'	20°27'	10°40'	29°08'	28°00'	9°29'	0°51'	3°59'	3°30'	2°18'	19°47'	26°13'	W 2
T 3	10 43 49	12°20'42	4°19'	15°58'	21°38'	11°11'	29°16'	27°58'	9°29'	0°53'	3°59'	3°26'	2°14'	19°54'	26°17'	T 3
F 4	10 47 45	13°21'08	16°52'	17°04'	22°50'	11°42'	29°24'	27°55'	9°30'	0°55'	3°59'	3°19'	2°11'	20°01'	26°20'	F 4
S 5	10 51 42	14°21'32	29°16'	18°13'	24°01'	12°12'	29°31'	27°52'	9°30'	0°56'	3°58'	3°09'	2°08'	20°07'	26°24'	S 5
S 6	10 55 38	15°21'55	11°32'	19°23'	25°12'	12°43'	29°40'	27°50'	9°31'	0°58'	3°58'	2°57'	2°05'	20°14'	26°28'	S 6
M 7	10 59 35	16°22'16	23°40'	20°35'	26°23'	13°14'	29°48'	27°47'	9°31'	1°00'	3°58'	2°44'	2°02'	20°21'	26°32'	M 7
T 8	11 3 32	17°22'35	5°41'	21°49'	27°33'	13°46'	29°56'	27°45'	9°32'	1°02'	3°57'	2°30'	1°58'	20°28'	26°35'	T 8
W 9	11 7 28	18°22'53	17°37'	23°05'	28°44'	14°17'	0°11' 4	27°43'	9°32'	1°03'	3°57'	2°17'	1°55'	20°34'	26°39'	W 9
T 10	11 11 25	19°23'10	29°28'	24°22'	29°54'	14°48'	0°13'	27°41'	9°32'	1°05'	3°57'	2°05'	1°52'	20°41'	26°43'	T 10
F 11	11 15 21	20°23'24	11°18'	25°41'	1°05'	15°20'	0°22'	27°38'	9°32'	1°07'	3°57'	1°57'	1°49'	20°48'	26°46'	F 11
S 12	11 19 18	21°23'38	23°11'	27°02'	2°15'	15°52'	0°30'	27°37'	9°33'	1°08'	3°57'	1°51'	1°46'	20°54'	26°50'	S 12
S 13	11 23 14	22°23'50	5°09'	28°24'	3°25'	16°24'	0°39'	27°35'	9°33'	1°10'	3°57'	1°48'	1°43'	21°01'	26°54'	S 13
M14	11 27 11	23°24'00	17°18'	29°47'	4°35'	16°55'	0°49'	27°33'	9°R33	1°11'	3°56'	1°47'	1°39'	21°08'	26°58'	M14
T 15	11 31 7	24°24'09	29°43'	1°11'	5°45'	17°27'	0°58'	27°31'	9°33'	1°13'	3°56'	1°47'	1°36'	21°15'	27°01'	T 15
W16	11 35 4	25°24'16	12°29'	2°37'	6°55'	18°00'	1°07'	27°30'	9°33'	1°15'	3°56'	1°46'	1°33'	21°21'	27°05'	W16
T 17	11 39 1	26°24'22	25°41'	4°04'	8°04'	18°32'	1°17'	27°28'	9°33'	1°16'	3°56'	1°45'	1°30'	21°28'	27°09'	T 17
F 18	11 42 57	27°24'27	9°22'	5°33'	9°14'	19°04'	1°26'	27°27'	9°32'	1°18'	3°D56	1°41'	1°27'	21°35'	27°13'	F 18
S 19	11 46 54	28°24'30	23°33'	7°03'	10°23'	19°37'	1°36'	27°26'	9°32'	1°19'	3°56'	1°34'	1°24'	21°41'	27°16'	S 19
S 20	11 50 50	29°24'31	8°12'	8°33'	11°32'	20°09'	1°46'	27°25'	9°32'	1°20'	3°56'	1°25'	1°20'	21°48'	27°20'	S 20
M21	11 54 47	0°24'30	23°13'	10°06'	12°41'	20°42'	1°56'	27°24'	9°32'	1°22'	3°56'	1°14'	1°17'	21°55'	27°24'	M21
T 22	11 58 43	1°24'27	8°26'	11°39'	13°50'	21°14'	2°06'	27°23'	9°31'	1°23'	3°56'	1°02'	1°14'	22°02'	27°28'	T 22
W23	12 2 40	2°24'23	23°41'	13°13'	14°59'	21°47'	2°16'	27°22'	9°31'	1°24'	3°57'	0°51'	1°11'	22°08'	27°31'	W23
T 24	12 6 36	3°24'16	8°47'	14°49'	16°07'	22°20'	2°26'	27°22'	9°30'	1°26'	3°57'	0°42'	1°08'	22°15'	27°35'	T 24
F 25	12 10 33	4°24'08	23°34'	16°26'	17°16'	22°53'	2°37'	27°21'	9°30'	1°27'	3°57'	0°36'	1°04'	22°22'	27°39'	F 25
S 26	12 14 30	5°23'57	7°15'	18°04'	18°24'	23°26'	2°47'	27°21'	9°29'	1°28'	3°57'	0°33'	1°01'	22°28'	27°43'	S 26
S 27	12 18 26	6°23'44	21°55'	19°43'	19°32'	23°59'	2°58'	27°21'	9°28'	1°30'	3°57'	0°31'	0°58'	22°35'	27°46'	S 27
M28	12 22 23	7°23'29	5°27'	21°23'	20°40'	24°33'	3°08'	27°20'	9°28'	1°31'	3°57'	0°31'	0°55'	22°42'	27°50'	M28
T 29	12 26 19	8°23'12	18°35'	23°05'	21°48'	25°06'	3°19'	27°D20	9°27'	1°32'	3°58'	0°31'	0°52'	22°49'	27°54'	T 29
W30	12 30 16	9°22'52	1°24'	24°48'	22°55'	25°39'	3°30'	27°20'	9°26'	1°33'	3°58'	0°29'	0°49'	22°55'	27°58'	W30
T 31	12 34 12	10°22'31	13°57'	26°H 32	24°02'	26°11'	3°41'	27°21'	9°25'	1°34'	3°58'	0°25'	0°45'	23°02'	28°H 1	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	7s40	23n32	0n27	16s31	0n 5	7n23	0s 9	23n47	1n55	19n 8	0s45	20n36	0n 8	21s39	0n 9	T 1
W 2	7 17	23 11	1 34	16 23	0s 5	7 53	0 5	23 51	1 54	19 10	0 45	20 37	0 8	21 39	0 9	W 2
T 3	6 54	21 38	2 36	16 14	0 15	8 23	0 1	23 55	1 54	19 12	0 44	20 38	0 8	21 39	0 9	T 3
F 4	6 31	19 2	3 28	16 3	0 24	8 53	0n 2	24 0	1 54	19 14	0 44	20 38	0 8	21 39	0 9	F 4
S 5	6 8	15 36	4 10	15 51	0 33	9 23	0 6	24 4	1 54	19 16	0 44	20 39	0 8	21 39	0 9	S 5
S 6	5 45	11 32	4 40	15 37	0 42	9 52	0 10	24 7	1 54	19 18	0 44	20 40	0 8	21 39	0 9	S 6
M 7	5 22	7 3	4 57	15 22	0 50	10 21	0 14	24 11	1 54	19 20	0 43	20 40	0 8	21 39	0 9	M 7
T 8	4 58	2 21	5 0	15 6	0 58	10 50	0 18	24 15	1 53	19 22	0 43	20 41	0 9	21 39	0 9	T 8
W 9	4 35	2s25	4 50	14 49	1 6	11 19	0 21	24 18	1 53	19 24	0 43	20 41	0 9	21 39	0 9	W 9
T 10	4 11	7 4	4 27	14 30	1 13	11 48	0 25	24 22	1 53	19 26	0 43	20 42	0 9	21 39	0 9	T 10
F 11	3 48	11 28	3 53	14 10	1 20	12 16	0 29	24 25	1 53	19 28	0 43	20 42	0 9	21 39	0 9	F 11
S 12	3 24	15 27	3 9	13 49	1 26	12 44	0 33	24 28	1 53	19 30	0 42	20 43	0 9	21 39	0 9	S 12
S 13	3 0	18 51	2 16	13 26	1 33	13 12	0 37	24 32	1 52	19 32	0 42	20 43	0 9	21 39	0 9	S 13
M14	2 37	21 30	1 16	13 3	1 38	13 39	0 41	24 35	1 52	19 34	0 42	20 44	0 9	21 39	0 9	M14
T 15	2 13	23 10	0 11	12 38	1 44	14 6	0 45	24 37	1 52	19 36	0 42	20 44	0 9	21 39	0 9	T 15
W16	1 49	23 42	0s56	12 12	1 49	14 33	0 49	24 40	1 52	19 38	0 42	20 44	0 9	21 39	0 9	W16
T 17	1 25	22 57	2 3	11 44	1 53	15 0	0 53	24 43	1 52	19 40	0 41	20 45	0 9	21 39	0 9	T 17
F 18	1 2	20 49	3 5	11 16	1 58	15 26	0 58	24 45	1 51	19 42	0 41	20 45	0 9	21 39	0 9	F 18
S 19	0 38	17 21	3 57	10 46	2 1	15 52	1 2	24 48	1 51	19 44	0 41	20 45	0 10	21 39	0 9	S 19
S 20	0 14	12 44	4 36	10 16	2 5	16 17	1 6	24 50	1 51	19 47	0 41	20 46	0 10	21 39	0 9	S 20
M21	0n10	7 14	4 57	9 44	2 8	16 42	1 10	24 52	1 51	19 49	0 41	20 46	0 10	21 39	0 9	M21
T 22	0 33	1 14	4 58	9 11	2 10	17 7	1 14	24 54	1 50	19 51	0 40	20 46	0 10	21 39	0 9	T 22
W23	0 57	4n52	4 37	8 37	2 13	17 31	1 18	24 56	1 50	19 53	0 40	20 46	0 10	21 39	0 9	W23
T 24	1 21	10 38	3 57	8 2	2 14	17 55	1 22	24 58	1 50	19 55	0 40	20 47	0 10	21 39	0 9	T 24
F 25	1 45	15 40	3 2	7 25	2 16	18 19	1 26	24 59	1 50	19 57	0 40	20 47	0 10	21 39	0 9	F 25
S 26	2 8	19 39	1 56	6 48	2 17	18 42	1 31	25 1	1 49	20 0	0 40	20 47	0 10	21 39	0 9	S 26
S 27	2 32	22 21	0 45	6 10	2 17	19 4	1 35	25 2	1 49	20 2	0 39	20 47	0 10	21 39	0 9	S 27
M28	2 55	23 41	0n26	5 30	2 17	19 27	1 39	25 3	1 49	20 4	0 39	20 47	0 10	21 39	0 9	M28
T 29	3 19	23 37	1 34	4 50	2 17	19 48	1 43	25 4	1 49	20 6	0 39	20 47	0 10	21 39	0 9	T 29
W30	3 42	22 18	2 35	4 8	2 16	20 10	1 47	25 5	1 48	20 9	0 39	20 47	0 10	21 39	0 9	W30
T 31	4n 6	19n54	3n28	3s26	2s15	20n31	1n51	25n 6	1n48	20n11	0s39	20n47	0n11	21s38	0n 9	T 31

Julian Day Number = 2690107.5, Delta T = 23m48s

Ecliptic obliquity = 23°21'16", Nutation = - 0°00'16"

Ayanamsha: Fagan/Bradley = 33°52'37", Lahiri = 32°59'37"

## ASTRODIENST EPHEMERIS for the year 2653

APRIL 2653

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 38 9	11°22'07	26°18	28°18	25°8 9	26°1146	3°1152	27°21	9°R24	1°35	3°58	0°R19	0°42	23°9	28°18 5	F 1
S 2	12 42 5	12°21'40	8°30	0°4	26°16	27°20	4° 3	27°21	9°24	1°36	3°59	0°9	0°39	23°15	28° 9	S 2
S 3	12 46 2	13°21'12	20°34	1°52	27°23	27°53	4°15	27°22	9°23	1°37	3°59	29°1157	0°36	23°22	28°12	S 3
M 4	12 49 59	14°20'41	2°33	3°41	28°29	28°27	4°26	27°22	9°21	1°38	3°59	29°43	0°33	23°29	28°16	M 4
T 5	12 53 55	15°20'09	14°28	5°32	29°35	29° 1	4°37	27°23	9°20	1°39	4° 0	29°30	0°29	23°36	28°20	T 5
W 6	12 57 52	16°19'34	26°20	7°24	0°1141	29°35	4°49	27°24	9°19	1°40	4° 0	29°16	0°26	23°42	28°23	W 6
T 7	13 1 148	17°18'58	8°12	9°17	1°47	0°9	5° 1	27°25	9°18	1°41	4° 1	29° 5	0°23	23°49	28°27	T 7
F 8	13 5 45	18°18'19	20° 4	11°11	2°52	0°43	5°12	27°26	9°17	1°42	4° 1	28°56	0°20	23°56	28°30	F 8
S 9	13 9 41	19°17'39	1°58	13° 7	3°58	1°17	5°24	27°27	9°16	1°43	4° 2	28°50	0°17	24° 2	28°34	S 9
S 10	13 13 38	20°16'57	13°59	15° 4	5° 2	1°51	5°36	27°28	9°14	1°44	4° 2	28°47	0°14	24° 9	28°37	S 10
M11	13 17 34	21°16'13	26° 9	17° 2	6° 7	2°25	5°48	27°30	9°13	1°44	4° 3	28°D46	0°10	24°16	28°41	M11
T 12	13 21 31	22°15'28	8°34	19° 2	7°12	2°59	6° 0	27°31	9°11	1°45	4° 3	28°46	0° 7	24°22	28°45	T 12
W13	13 25 27	23°14'40	21°17	21° 3	8°16	3°33	6°12	27°33	9°10	1°46	4° 4	28°R47	0° 4	24°29	28°48	W13
T 14	13 29 24	24°13'51	4°23	23° 4	9°20	4° 8	6°24	27°34	9° 9	1°46	4° 4	28°46	0° 1	24°36	28°52	T 14
F 15	13 33 21	25°13'01	17°56	25° 7	10°23	4°42	6°36	27°36	9° 7	1°47	4° 5	28°44	29°1158	24°43	28°55	F 15
S 16	13 37 17	26°12'08	1°59	27°11	11°27	5°16	6°49	27°38	9° 5	1°48	4° 6	28°39	29°55	24°49	28°58	S 16
S 17	13 41 14	27°11'14	16°30	29°15	12°30	5°51	7° 1	27°40	9° 4	1°48	4° 6	28°33	29°51	24°56	29° 2	S 17
M18	13 45 10	28°10'18	1°25	1°20	13°32	6°25	7°14	27°42	9° 2	1°49	4° 7	28°24	29°48	25° 3	29° 5	M18
T 19	13 49 7	29° 9'20	16°37	3°25	14°35	7° 0	7°26	27°44	9° 0	1°49	4° 7	28°15	29°45	25° 9	29° 9	T 19
W20	13 53 3	0°8'20	1°56	5°31	15°37	7°34	7°39	27°47	8°59	1°50	4° 8	28° 6	29°42	25°16	29°12	W20
T 21	13 57 0	1° 7'18	17°10	7°36	16°38	8° 9	7°51	27°49	8°57	1°50	4° 9	27°59	29°39	25°23	29°15	T 21
F 22	14 0 56	2° 6'15	2°11 9	9°41	17°40	8°44	8° 4	27°52	8°55	1°51	4°10	27°54	29°35	25°30	29°19	F 22
S 23	14 4 53	3° 5'09	16°46	11°45	18°41	9°18	8°17	27°54	8°53	1°51	4°10	27°52	29°32	25°36	29°22	S 23
S 24	14 8 50	4° 4'01	0°55	13°48	19°41	9°53	8°30	27°57	8°51	1°51	4°11	27°D52	29°29	25°43	29°25	S 24
M25	14 12 46	5° 2'51	14°37	15°50	20°42	10°28	8°42	28° 0	8°49	1°52	4°12	27°52	29°26	25°50	29°28	M25
T 26	14 16 43	6° 1'38	27°51	17°50	21°41	11° 3	8°55	28° 3	8°47	1°52	4°13	27°53	29°23	25°56	29°31	T 26
W27	14 20 39	7° 0'23	10°43	19°48	22°41	11°38	9° 8	28° 6	8°45	1°52	4°14	27°R53	29°20	26° 3	29°35	W27
T 28	14 24 36	7°59'06	23°15	21°44	23°40	12°13	9°21	28° 9	8°43	1°52	4°14	27°52	29°16	26°10	29°38	T 28
F 29	14 28 32	8°57'47	5°11 31	23°37	24°38	12°48	9°34	28°12	8°41	1°52	4°15	27°49	29°13	26°17	29°41	F 29
S 30	14 32 29	9°56'26	17°11 37	25°27	25°1136	13°23	9°1148	28°16	8°39	1°53	4°16	27°1143	29°110	26°23	29°44	S 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	4n29	16n37	4n10	2s42	2s13	20n51	1n55	25n 7	1n48	20n13	0s39	20n47	0n11	21s38	0n 9	19s12
S 2	4 52	12 40	4 39	1 58	2 10	21 11	1 59	25 7	1 47	20 15	0 38	20 47	0 11	21 38	0 9	19 11
S 3	5 15	8 16	4 56	1 13	2 8	21 30	2 3	25 7	1 47	20 18	0 38	20 47	0 11	21 38	0 9	19 11
M 4	5 38	3 35	5 0	0 27	2 4	21 49	2 7	25 8	1 47	20 20	0 38	20 47	0 11	21 38	0 9	19 11
T 5	6 1	1s13	4 50	0n21	2 1	22 7	2 11	25 8	1 47	20 22	0 38	20 47	0 11	21 38	0 9	19 11
W 6	6 24	5 58	4 28	1 9	1 56	22 25	2 15	25 8	1 46	20 24	0 38	20 47	0 11	21 38	0 9	19 11
T 7	6 47	10 29	3 54	1 57	1 52	22 43	2 19	25 7	1 46	20 27	0 38	20 47	0 11	21 37	0 9	19 10
F 8	7 9	14 38	3 10	2 47	1 46	22 59	2 23	25 7	1 46	20 29	0 37	20 47	0 11	21 37	0 9	19 10
S 9	7 32	18 14	2 17	3 37	1 41	23 16	2 26	25 6	1 45	20 31	0 37	20 47	0 11	21 37	0 9	19 10
S 10	7 54	21 7	1 18	4 28	1 34	23 31	2 30	25 6	1 45	20 33	0 37	20 47	0 11	21 37	0 9	19 10
M11	8 16	23 4	0 14	5 19	1 27	23 47	2 34	25 5	1 45	20 36	0 37	20 46	0 11	21 37	0 9	19 10
T 12	8 38	23 57	0s52	6 11	1 20	24 1	2 37	25 4	1 45	20 38	0 37	20 46	0 11	21 36	0 9	19 9
W13	9 0	23 36	1 57	7 4	1 12	24 15	2 41	25 3	1 44	20 40	0 37	20 46	0 12	21 36	0 9	19 9
T 14	9 22	21 58	2 58	7 57	1 4	24 29	2 44	25 1	1 44	20 42	0 36	20 46	0 12	21 36	0 9	19 9
F 15	9 43	19 4	3 51	8 50	0 55	24 42	2 48	25 0	1 44	20 44	0 36	20 46	0 12	21 36	0 9	19 9
S 16	10 5	14 58	4 32	9 43	0 46	24 54	2 51	24 58	1 43	20 47	0 36	20 45	0 12	21 35	0 9	19 9
S 17	10 26	9 53	4 58	10 36	0 37	25 6	2 55	24 56	1 43	20 49	0 36	20 45	0 12	21 35	0 9	19 9
M18	10 47	4 5	5 4	11 29	0 27	25 17	2 58	24 55	1 43	20 51	0 36	20 45	0 12	21 35	0 9	19 9
T 19	11 8	2n 3	4 49	12 21	0 17	25 28	3 1	24 52	1 42	20 53	0 36	20 44	0 12	21 35	0 9	19 8
W20	11 29	8 8	4 13	13 13	0 6	25 38	3 4	24 50	1 42	20 55	0 35	20 44	0 12	21 34	0 9	19 8
T 21	11 49	13 42	3 20	14 4	0n 5	25 47	3 7	24 48	1 42	20 58	0 35	20 43	0 12	21 34	0 9	19 8
F 22	12 10	18 21	2 13	14 54	0 16	25 56	3 10	24 45	1 41	21 0	0 35	20 43	0 12	21 34	0 9	19 8
S 23	12 30	21 43	0 59	15 44	0 27	26 5	3 13	24 43	1 41	21 2	0 35	20 42	0 12	21 34	0 9	19 8
S 24	12 50	23 38	0n16	16 31	0 38	26 12	3 16	24 40	1 41	21 4	0 35	20 42	0 12	21 33	0 9	19 8
M25	13 10	24 2	1 29	17 18	0 49	26 19	3 18	24 37	1 40	21 6	0 35	20 42	0 12	21 33	0 9	19 8
T 26	13 29	23 2	2 34	18 2	1 0	26 26	3 21	24 34	1 40	21 8	0 35	20 41	0 13	21 33	0 9	19 8
W27	13 48	20 51	3 29	18 45	1 10	26 32	3 23	24 30	1 40	21 10	0 35	20 40	0 13	21 32	0 9	19 8
T 28	14 7	17 43	4 13	19 26	1 21	26 37	3 25	24 27	1 39	21 13	0 34	20 40	0 13	21 32	0 9	19 8
F 29	14 26	13 52	4 45	20 4	1 31	26 42	3 28	24 23	1 39	21 15	0 34	20 39	0 13	21 32	0 9	19 8
S 30	14n45	9n31	5n 3	20n41	1n40	26n47	3n30	24n19	1n39	21n17	0s34	20n39	0n13	21s32	0n 9	19s 8

Julian Day Number = 2690138.5, Delta T = 23m49s

Ecliptic obliquity = 23°21'17", Nutation = - 0°00'17"

Ayanamsha: Fagan/Bradley = 33°52'41", Lahiri = 32°59'41"

## ASTRODIENST EPHEMERIS for the year 2653

MAY 2653

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 36 25	10♈55'02	29♎35	27♊13	26♋34	13♉58	10♈1	28♏19	8°R37	1♈53	4♈17	27°R36	29♎7	26♏30	29♋47	S 1
M 2	14 40 22	11°53'36	11♊29	28°56	27°31	14°33	10°14	28°23	8°R35	1°53	4°18	27°R28	29°4	26°37	29°50	M 2
T 3	14 44 19	12°52'09	23°20	0♈36	28°28	15°8	10°27	28°26	8°33	1°53	4°19	27°19	29°1	26°43	29°53	T 3
W 4	14 48 15	13°50'39	5♈12	2°11	29°24	15°43	10°41	28°30	8°31	1°R53	4°20	27°11	28°57	26°50	29°56	W 4
T 5	14 52 12	14°49'08	17°5	3°43	0♈19	16°18	10°54	28°34	8°29	1°53	4°21	27°4	28°54	26°57	29°59	T 5
F 6	14 56 8	15°47'34	29°2	5°10	1°14	16°53	11°7	28°37	8°26	1°53	4°22	26°59	28°51	27°3	0°Y 2	F 6
S 7	15 0 5	16°45'59	11♊4	6°32	2°9	17°29	11°21	28°41	8°24	1°53	4°23	26°55	28°48	27°10	0°4	S 7
S 8	15 4 1	17°44'23	23°13	7°50	3°3	18°4	11°34	28°46	8°22	1°52	4°24	26°D54	28°45	27°17	0°7	S 8
M 9	15 7 58	18°42'44	5♊32	9°4	3°56	18°39	11°48	28°50	8°19	1°52	4°25	26°54	28°41	27°24	0°10	M 9
T 10	15 11 54	19°41'05	18°4	10°13	4°48	19°15	12°1	28°54	8°17	1°52	4°26	26°56	28°38	27°30	0°13	T 10
W 11	15 15 51	20°39'23	0♈52	11°17	5°40	19°50	12°15	28°58	8°15	1°52	4°27	26°57	28°35	27°37	0°15	W 11
T 12	15 19 48	21°37'40	13°59	12°16	6°31	20°25	12°29	29°3	8°12	1°52	4°28	26°58	28°32	27°44	0°18	T 12
F 13	15 23 44	22°35'56	27°28	13°10	7°22	21°1	12°42	29°7	8°10	1°51	4°29	26°R58	28°29	27°50	0°21	F 13
S 14	15 27 41	23°34'10	11♋21	13°59	8°12	21°36	12°56	29°12	8°8	1°51	4°30	26°57	28°26	27°57	0°23	S 14
S 15	15 31 37	24°32'23	25°38	14°43	9°1	22°12	13°10	29°16	8°5	1°51	4°31	26°55	28°22	28°4	0°26	S 15
M 16	15 35 34	25°30'34	10°Y17	15°22	9°49	22°47	13°23	29°21	8°3	1°50	4°33	26°51	28°19	28°11	0°28	M 16
T 17	15 39 30	26°28'44	25°13	15°56	10°36	23°23	13°37	29°26	8°0	1°50	4°34	26°47	28°16	28°17	0°31	T 17
W 18	15 43 27	27°26'52	10♌18	16°25	11°23	23°58	13°51	29°31	7°58	1°49	4°35	26°42	28°13	28°24	0°33	W 18
T 19	15 47 23	28°24'59	25°23	16°48	12°9	24°34	14°5	29°36	7°55	1°49	4°36	26°39	28°10	28°31	0°35	T 19
F 20	15 51 20	29°23'04	10♈19	17°7	12°54	25°10	14°19	29°41	7°53	1°48	4°37	26°37	28°6	28°37	0°38	F 20
S 21	15 55 17	0♈21'08	24°57	17°20	13°37	25°45	14°32	29°46	7°51	1°48	4°38	26°D36	28°3	28°44	0°40	S 21
S 22	15 59 13	1°19'10	9♉12	17°28	14°20	26°21	14°46	29°51	7°48	1°47	4°40	26°37	28°0	28°51	0°42	S 22
M 23	16 3 10	2°17'10	23°0	17°R31	15°2	26°57	15°0	29°56	7°46	1°47	4°41	26°38	27°57	28°57	0°44	M 23
T 24	16 7 6	3°15'09	6♈22	17°29	15°43	27°33	15°14	0♈2	7°43	1°46	4°42	26°39	27°54	29°4	0°47	T 24
W 25	16 11 3	4°13'06	19°20	17°22	16°23	28°8	15°28	0°7	7°41	1°45	4°43	26°41	27°51	29°11	0°49	W 25
T 26	16 14 59	5°11'00	1♈56	17°10	17°1	28°44	15°42	0°13	7°38	1°45	4°45	26°R41	27°47	29°18	0°51	T 26
F 27	16 18 56	6°8'53	14°14	16°55	17°39	29°20	15°56	0°18	7°35	1°44	4°46	26°41	27°44	29°24	0°53	F 27
S 28	16 22 52	7°6'45	26°20	16°35	18°15	29°56	16°10	0°24	7°33	1°43	4°47	26°40	27°41	29°31	0°55	S 28
S 29	16 26 49	8°4'34	8♈16	16°12	18°50	0♈32	16°24	0°30	7°30	1°43	4°48	26°38	27°38	29°38	0°57	S 29
M 30	16 30 46	9°2'22	20°8	15°46	19°23	1°8	16°38	0°35	7°28	1°42	4°50	26°36	27°35	29°44	0°58	M 30
T 31	16 34 42	10♈0'09	1♈59	15♈17	19♉55	1♈44	16♈52	0♈41	7♈25	1♈41	4♈51	26♈33	27♈32	29♈51	1°Y 0	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	15n 3	4n52	5n 7	21n14	1n49	26n50	3n32	24n15	1n38	21n19	0s34	20n38	0n13	21s31	0n 9	19s 8
M 2	15 21	0 3	4 58	21 46	1 58	26 53	3 34	24 11	1 38	21 21	0 34	20 37	0 13	21 31	0 9	19 8
T 3	15 39	4s45	4 37	22 15	2 5	26 56	3 35	24 7	1 38	21 23	0 34	20 37	0 13	21 31	0 9	19 7
W 4	15 56	9 23	4 3	22 41	2 12	26 58	3 37	24 3	1 37	21 25	0 34	20 36	0 13	21 30	0 9	19 7
T 5	16 14	13 42	3 19	23 5	2 19	27 0	3 38	23 58	1 37	21 27	0 33	20 35	0 13	21 30	0 9	19 7
F 6	16 31	17 30	2 25	23 27	2 24	27 1	3 40	23 53	1 37	21 29	0 33	20 35	0 13	21 30	0 9	19 7
S 7	16 47	20 37	1 25	23 46	2 29	27 1	3 41	23 49	1 36	21 31	0 33	20 34	0 13	21 29	0 9	19 7
S 8	17 4	22 51	0 20	24 3	2 32	27 1	3 42	23 44	1 36	21 33	0 33	20 33	0 13	21 29	0 9	19 8
M 9	17 20	24 1	0s47	24 17	2 35	27 1	3 43	23 38	1 36	21 35	0 33	20 32	0 13	21 28	0 9	19 8
T 10	17 36	24 0	1 53	24 29	2 37	26 59	3 44	23 33	1 35	21 37	0 33	20 32	0 14	21 28	0 9	19 8
W 11	17 51	22 44	2 54	24 39	2 37	26 58	3 44	23 28	1 35	21 38	0 33	20 31	0 14	21 28	0 9	19 8
T 12	18 6	20 13	3 49	24 47	2 37	26 56	3 44	23 22	1 35	21 40	0 33	20 30	0 14	21 27	0 9	19 8
F 13	18 21	16 34	4 32	24 52	2 36	26 53	3 45	23 16	1 34	21 42	0 32	20 29	0 14	21 27	0 9	19 8
S 14	18 36	11 55	5 1	24 56	2 33	26 50	3 45	23 10	1 34	21 44	0 32	20 28	0 14	21 27	0 9	19 8
S 15	18 50	6 30	5 12	24 58	2 30	26 47	3 45	23 4	1 34	21 46	0 32	20 27	0 14	21 26	0 9	19 8
M 16	19 4	0 36	5 4	24 58	2 25	26 43	3 44	22 58	1 33	21 48	0 32	20 26	0 14	21 26	0 9	19 8
T 17	19 18	5n27	4 35	24 56	2 20	26 39	3 44	22 52	1 33	21 49	0 32	20 26	0 14	21 26	0 9	19 8
W 18	19 31	11 16	3 47	24 52	2 13	26 34	3 43	22 45	1 33	21 51	0 32	20 25	0 14	21 25	0 9	19 8
T 19	19 44	16 24	2 43	24 46	2 5	26 29	3 42	22 39	1 32	21 53	0 32	20 24	0 14	21 25	0 9	19 8
F 20	19 57	20 28	1 28	24 39	1 56	26 24	3 41	22 32	1 32	21 55	0 32	20 23	0 14	21 24	0 9	19 8
S 21	20 9	23 6	0 9	24 30	1 46	26 18	3 39	22 25	1 31	21 56	0 32	20 22	0 14	21 24	0 9	19 8
S 22	20 21	24 11	1n 9	24 20	1 34	26 12	3 38	22 18	1 31	21 58	0 32	20 21	0 14	21 24	0 9	19 9
M 23	20 33	23 42	2 20	24 8	1 22	26 5	3 36	22 11	1 31	22 0	0 31	20 20	0 14	21 23	0 8	19 9
T 24	20 44	21 52	3 22	23 55	1 9	25 58	3 34	22 3	1 30	22 1	0 31	20 18	0 14	21 23	0 8	19 9
W 25	20 55	18 56	4 11	23 40	0 55	25 51	3 32	21 56	1 30	22 3	0 31	20 17	0 15	21 22	0 8	19 9
T 26	21 5	15 12	4 46	23 24	0 40	25 44	3 29	21 48	1 30	22 4	0 31	20 16	0 15	21 22	0 8	19 9
F 27	21 15	10 55	5 8	23 7	0 24	25 36	3 26	21 40	1 29	22 6	0 31	20 15	0 15	21 22	0 8	19 9
S 28	21 25	6 16	5 15	22 48	0 7	25 28	3 23	21 32	1 29	22 8	0 31	20 14	0 15	21 21	0 8	19 9
S 29	21 35	1 28	5 9	22 29	0s10	25 20	3 20	21 24	1 29	22 9	0 31	20 13	0 15	21 21	0 8	19 10
M 30	21 44	3s23	4 49	22 9	0 27	25 11	3 16	21 16	1 28	22 11	0 31	20 12	0 15	21 20	0 8	19 10
T 31	21n52	8s 6	4n17	21n48	0s45	25n 3	3n12	21n 8	1n28	22n12	0s31	20n11	0n15	21s20	0n 8	19s10

Julian Day Number = 2690168.5, Delta T = 23m49s

Ecliptic obliquity = 23°21'16, Nutation = - 0°00'18

Ayanamsha: Fagan/Bradley = 33°52'46, Lahiri = 32°59'45

## ASTRODIENST EPHEMERIS for the year 2653

JUNE 2653

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	16 38 39	10 <sup>II</sup> 57'54	13 <sup>III</sup> 52	14°R46	20 <sup>☾</sup> 26	2 <sup>♂</sup> 19	17 <sup>II</sup> 6	0 <sup>♂</sup> 47	7°R23	1°R40	4 <sup>☾</sup> 52	26°R31	27 <sup>II</sup> 28	29 <sup>♂</sup> 58	1°Y 2	W 1
T 2	16 42 35	11°55'38	25°50	14 <sup>II</sup> 13	20°55	2°55	17°20	0°53	7 <sup>♂</sup> 20	1 <sup>♂</sup> 39	4°54	26 <sup>II</sup> 29	27°25	0 <sup>♂</sup> 11	1° 4	T 2
F 3	16 46 32	12°53'20	7 <sup>♂</sup> 54	13°39	21°22	3°31	17°34	0°59	7°18	1°38	4°55	26°27	27°22	0°11	1° 5	F 3
S 4	16 50 28	13°51'01	20° 8	13° 5	21°48	4° 7	17°48	1° 5	7°15	1°37	4°56	26°26	27°19	0°18	1° 7	S 4
S 5	16 54 25	14°48'41	2 <sup>☾</sup> 31	12°31	22°13	4°43	18° 2	1°11	7°13	1°36	4°58	26°D26	27°16	0°25	1° 9	S 5
M 6	16 58 22	15°46'19	15° 6	11°58	22°35	5°19	18°16	1°17	7°10	1°35	4°59	26°27	27°12	0°31	1°10	M 6
T 7	17 2 18	16°43'57	27°54	11°26	22°56	5°56	18°30	1°24	7° 8	1°34	5° 0	26°28	27° 9	0°38	1°12	T 7
W 8	17 6 15	17°41'33	10 <sup>♂</sup> 56	10°55	23°15	6°32	18°44	1°30	7° 5	1°33	5° 2	26°29	27° 6	0°45	1°13	W 8
T 9	17 10 11	18°39'09	24°13	10°28	23°32	7° 8	18°58	1°36	7° 3	1°32	5° 3	26°29	27° 3	0°51	1°14	T 9
F 10	17 14 8	19°36'44	7 <sup>♂</sup> 47	10° 3	23°47	7°44	19°12	1°43	7° 1	1°31	5° 5	26°30	27° 0	0°58	1°16	F 10
S 11	17 18 4	20°34'18	21°38	9°41	24° 0	8°20	19°26	1°49	6°58	1°30	5° 6	26°R30	26°57	1° 5	1°17	S 11
S 12	17 22 1	21°31'51	5°Y46	9°22	24°11	8°56	19°40	1°56	6°56	1°29	5° 7	26°30	26°53	1°11	1°18	S 12
M13	17 25 57	22°29'23	20° 8	9° 8	24°20	9°32	19°54	2° 2	6°53	1°28	5° 9	26°29	26°50	1°18	1°19	M13
T 14	17 29 54	23°26'55	4 <sup>☾</sup> 43	8°58	24°26	10° 9	20° 8	2° 9	6°51	1°27	5°10	26°29	26°47	1°25	1°21	T 14
W15	17 33 51	24°24'25	19°24	8°51	24°31	10°45	20°22	2°16	6°49	1°26	5°11	26°29	26°44	1°32	1°22	W15
T 16	17 37 47	25°21'56	4 <sup>II</sup> 7	8°D50	24°R33	11°21	20°36	2°22	6°46	1°24	5°13	26°29	26°41	1°38	1°23	T 16
F 17	17 41 44	26°19'25	18°44	8°52	24°33	11°57	20°50	2°29	6°44	1°23	5°14	26°D29	26°38	1°45	1°24	F 17
S 18	17 45 40	27°16'54	3 <sup>☾</sup> 9	8°59	24°30	12°34	21° 4	2°36	6°42	1°22	5°16	26°R29	26°34	1°52	1°24	S 18
S 19	17 49 37	28°14'22	17°16	9°11	24°25	13°10	21°18	2°43	6°39	1°21	5°17	26°29	26°31	1°58	1°25	S 19
M20	17 53 33	29°11'48	1 <sup>♂</sup> 3	9°27	24°18	13°46	21°32	2°50	6°37	1°19	5°19	26°28	26°28	2° 5	1°26	M20
T 21	17 57 30	0 <sup>☾</sup> 9'14	14°26	9°47	24° 8	14°23	21°46	2°57	6°35	1°18	5°20	26°28	26°25	2°12	1°27	T 21
W22	18 1 26	1° 6'39	27°27	10°12	23°56	14°59	22° 0	3° 4	6°33	1°17	5°21	26°28	26°22	2°18	1°28	W22
T 23	18 5 23	2° 4'03	10 <sup>♂</sup> 6	10°42	23°42	15°36	22°14	3°11	6°30	1°15	5°23	26°27	26°18	2°25	1°28	T 23
F 24	18 9 20	3° 1'25	22°27	11°15	23°25	16°12	22°28	3°18	6°28	1°14	5°24	26°27	26°15	2°32	1°29	F 24
S 25	18 13 16	3°58'47	4 <sup>♂</sup> 35	11°53	23° 6	16°49	22°42	3°25	6°26	1°12	5°26	26°D27	26°12	2°39	1°29	S 25
S 26	18 17 13	4°56'08	16°32	12°35	22°44	17°25	22°56	3°32	6°24	1°11	5°27	26°27	26° 9	2°45	1°30	S 26
M27	18 21 9	5°53'28	28°24	13°21	22°21	18° 2	23°10	3°39	6°22	1°10	5°29	26°27	26° 6	2°52	1°30	M27
T 28	18 25 6	6°50'47	10 <sup>♂</sup> 16	14°11	21°55	18°38	23°24	3°46	6°20	1° 8	5°30	26°28	26° 3	2°59	1°31	T 28
W29	18 29 2	7°48'05	22°11	15° 5	21°27	19°15	23°37	3°54	6°18	1° 7	5°31	26°29	25°59	3° 5	1°31	W29
T 30	18 32 59	8 <sup>☾</sup> 45'23	4 <sup>♂</sup> 14	16°II 3	20 <sup>☾</sup> 57	19 <sup>♂</sup> 51	23°II51	4 <sup>♂</sup> 1	6 <sup>♂</sup> 16	1 <sup>♂</sup> 5	5 <sup>☾</sup> 33	26°II30	25°II56	3 <sup>♂</sup> 12	1°Y31	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	22n 1	12s32	3n34	21n27	1s 2	24n54	3n 7	20n59	1n27	22n14	0s31	20n 9	0n15	21s20	0n 8	19s10
T 2	22 8	16 32	2 41	21 6	1 20	24 45	3 3	20 51	1 27	22 15	0 30	20 8	0 15	21 19	0 8	19 10
F 3	22 16	19 54	1 41	20 45	1 37	24 35	2 58	20 42	1 27	22 16	0 30	20 7	0 15	21 19	0 8	19 10
S 4	22 23	22 25	0 35	20 24	1 54	24 26	2 53	20 33	1 26	22 18	0 30	20 6	0 15	21 18	0 8	19 11
S 5	22 30	23 53	0s34	20 3	2 11	24 17	2 47	20 24	1 26	22 19	0 30	20 4	0 15	21 18	0 8	19 11
M 6	22 36	24 11	1 42	19 43	2 27	24 7	2 41	20 15	1 26	22 20	0 30	20 3	0 15	21 18	0 8	19 11
T 7	22 42	23 13	2 46	19 24	2 42	23 57	2 35	20 6	1 25	22 22	0 30	20 2	0 15	21 17	0 8	19 11
W 8	22 47	20 59	3 42	19 6	2 56	23 47	2 28	19 57	1 25	22 23	0 30	20 0	0 16	21 17	0 8	19 12
T 9	22 52	17 37	4 28	18 50	3 9	23 37	2 21	19 47	1 24	22 24	0 30	19 59	0 16	21 16	0 8	19 12
F 10	22 57	13 16	5 0	18 34	3 20	23 27	2 13	19 38	1 24	22 25	0 30	19 58	0 16	21 16	0 8	19 12
S 11	23 1	8 9	5 16	18 21	3 31	23 17	2 5	19 28	1 24	22 27	0 30	19 56	0 16	21 16	0 8	19 12
S 12	23 5	2 31	5 13	18 9	3 41	23 7	1 57	19 18	1 23	22 28	0 30	19 55	0 16	21 15	0 8	19 12
M13	23 9	3n21	4 51	17 58	3 49	22 57	1 48	19 8	1 23	22 29	0 29	19 54	0 16	21 15	0 8	19 13
T 14	23 12	9 8	4 9	17 50	3 56	22 47	1 39	18 58	1 22	22 30	0 29	19 52	0 16	21 14	0 8	19 13
W15	23 14	14 27	3 11	17 43	4 1	22 37	1 30	18 48	1 22	22 31	0 29	19 51	0 16	21 14	0 8	19 13
T 16	23 16	18 55	2 1	17 39	4 6	22 27	1 20	18 37	1 22	22 32	0 29	19 49	0 16	21 14	0 8	19 13
F 17	23 18	22 10	0 43	17 36	4 9	22 17	1 9	18 27	1 21	22 33	0 29	19 48	0 16	21 13	0 8	19 14
S 18	23 20	23 56	0n37	17 35	4 11	22 6	0 59	18 16	1 21	22 34	0 29	19 46	0 16	21 13	0 8	19 14
S 19	23 21	24 7	1 53	17 36	4 12	21 56	0 48	18 6	1 21	22 35	0 29	19 45	0 16	21 13	0 8	19 14
M20	23 21	22 47	3 0	17 38	4 12	21 46	0 36	17 55	1 20	22 36	0 29	19 43	0 16	21 12	0 8	19 15
T 21	23 21	20 12	3 56	17 42	4 11	21 36	0 24	17 44	1 20	22 37	0 29	19 42	0 16	21 12	0 8	19 15
W22	23 21	16 39	4 37	17 48	4 9	21 26	0 12	17 33	1 19	22 38	0 29	19 40	0 17	21 11	0 8	19 15
T 23	23 20	12 27	5 4	17 55	4 5	21 16	0s 1	17 22	1 19	22 39	0 29	19 39	0 17	21 11	0 8	19 15
F 24	23 19	7 49	5 16	18 4	4 1	21 7	0 14	17 10	1 19	22 40	0 29	19 37	0 17	21 11	0 8	19 16
S 25	23 18	2 59	5 14	18 14	3 56	20 57	0 27	16 59	1 18	22 41	0 28	19 36	0 17	21 10	0 8	19 16
S 26	23 16	1s53	4 58	18 25	3 51	20 47	0 40	16 48	1 18	22 42	0 28	19 34	0 17	21 10	0 8	19 16
M27	23 13	6 40	4 29	18 37	3 44	20 37	0 54	16 36	1 17	22 42	0 28	19 33	0 17	21 10	0 8	19 17
T 28	23 11	11 13	3 49	18 50	3 37	20 28	1 8	16 24	1 17	22 43	0 28	19 31	0 17	21 9	0 8	19 17
W29	23 8	15 22	2 59	19 3	3 29	20 18	1 22	16 13	1 17	22 44	0 28	19 29	0 17	21 9	0 8	19 17
T 30	23n 4	18s57	2n 0	19n18	3s21	20n 8	1s36	16n 1	1n16	22n45	0s28	19n28	0n17	21s 9	0n 8	19s18

Julian Day Number = 2690199.5, Delta T = 23m50s

Ecliptic obliquity = 23°21'16, Nutation = - 0°00'18

Ayanamsha: Fagan/Bradley = 33°52'50, Lahiri = 32°59'50

## ASTRODIENST EPHEMERIS for the year 2653

JULY 2653

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18 36 55	9 <sup>52</sup> 42'40	16 <sup>27</sup> 27	17 <sup>11</sup> 5	20 <sup>20</sup> R26	20 <sup>20</sup> Ω28	24 <sup>11</sup> 5	4 <sup>Ω</sup> 8	6 <sup>R</sup> 14	1 <sup>R</sup> 4	5 <sup>52</sup> 34	26 <sup>11</sup> 31	25 <sup>11</sup> 53	3 <sup>11</sup> 19	1 <sup>1</sup> 31	F 1
S 2	18 40 52	10 <sup>5</sup> 39'56	28 <sup>52</sup>	18 <sup>10</sup> 10	19 <sup>53</sup> 53	21 <sup>4</sup>	24 <sup>19</sup>	4 <sup>15</sup>	6 <sup>2</sup> 12	1 <sup>2</sup> 2	5 <sup>36</sup>	26 <sup>19</sup> R31	25 <sup>50</sup>	3 <sup>25</sup>	1 <sup>32</sup>	S 2
S 3	18 44 49	11 <sup>37</sup> 12	11 <sup>33</sup> 32	19 <sup>19</sup>	19 <sup>19</sup>	21 <sup>41</sup>	24 <sup>32</sup>	4 <sup>23</sup>	6 <sup>10</sup>	1 <sup>1</sup>	5 <sup>37</sup>	26 <sup>31</sup>	25 <sup>47</sup>	3 <sup>32</sup>	1 <sup>32</sup>	S 3
M 4	18 48 45	12 <sup>34</sup> 27	24 <sup>28</sup>	20 <sup>32</sup>	18 <sup>44</sup>	22 <sup>18</sup>	24 <sup>46</sup>	4 <sup>30</sup>	6 <sup>8</sup>	0 <sup>59</sup>	5 <sup>38</sup>	26 <sup>30</sup>	25 <sup>44</sup>	3 <sup>39</sup>	1 <sup>32</sup>	M 4
T 5	18 52 42	13 <sup>31</sup> 43	7 <sup>38</sup> 38	21 <sup>48</sup>	18 <sup>7</sup>	22 <sup>54</sup>	25 <sup>0</sup>	4 <sup>38</sup>	6 <sup>6</sup>	0 <sup>58</sup>	5 <sup>40</sup>	26 <sup>28</sup>	25 <sup>40</sup>	3 <sup>46</sup>	1 <sup>32</sup>	T 5
W 6	18 56 38	14 <sup>28</sup> 57	21 <sup>3</sup>	23 <sup>8</sup>	17 <sup>30</sup>	23 <sup>31</sup>	25 <sup>13</sup>	4 <sup>45</sup>	6 <sup>5</sup>	0 <sup>56</sup>	5 <sup>41</sup>	26 <sup>25</sup>	25 <sup>37</sup>	3 <sup>52</sup>	1 <sup>32</sup>	W 6
T 7	19 0 35	15 <sup>26</sup> 12	4 <sup>40</sup>	24 <sup>32</sup>	16 <sup>53</sup>	24 <sup>8</sup>	25 <sup>27</sup>	4 <sup>53</sup>	6 <sup>3</sup>	0 <sup>55</sup>	5 <sup>43</sup>	26 <sup>23</sup>	25 <sup>34</sup>	3 <sup>59</sup>	1 <sup>31</sup>	T 7
F 8	19 4 31	16 <sup>23</sup> 27	18 <sup>30</sup>	25 <sup>58</sup>	16 <sup>15</sup>	24 <sup>44</sup>	25 <sup>40</sup>	5 <sup>0</sup>	6 <sup>1</sup>	0 <sup>53</sup>	5 <sup>44</sup>	26 <sup>21</sup>	25 <sup>31</sup>	4 <sup>6</sup>	1 <sup>31</sup>	F 8
S 9	19 8 28	17 <sup>20</sup> 41	2 <sup>29</sup> 29	27 <sup>29</sup>	15 <sup>38</sup>	25 <sup>21</sup>	25 <sup>54</sup>	5 <sup>8</sup>	5 <sup>59</sup>	0 <sup>52</sup>	5 <sup>46</sup>	26 <sup>19</sup>	25 <sup>28</sup>	4 <sup>12</sup>	1 <sup>31</sup>	S 9
S 10	19 12 24	18 <sup>17</sup> 56	16 <sup>36</sup>	29 <sup>2</sup>	15 <sup>0</sup>	25 <sup>58</sup>	26 <sup>7</sup>	5 <sup>15</sup>	5 <sup>58</sup>	0 <sup>50</sup>	5 <sup>47</sup>	26 <sup>D</sup> 18	25 <sup>24</sup>	4 <sup>19</sup>	1 <sup>31</sup>	S 10
M 11	19 16 21	19 <sup>15</sup> 10	0 <sup>8</sup> 49	0 <sup>53</sup> 39	14 <sup>24</sup>	26 <sup>35</sup>	26 <sup>21</sup>	5 <sup>23</sup>	5 <sup>56</sup>	0 <sup>49</sup>	5 <sup>48</sup>	26 <sup>19</sup>	25 <sup>21</sup>	4 <sup>26</sup>	1 <sup>30</sup>	M 11
T 12	19 20 18	20 <sup>12</sup> 25	15 <sup>5</sup>	2 <sup>20</sup>	13 <sup>48</sup>	27 <sup>11</sup>	26 <sup>34</sup>	5 <sup>30</sup>	5 <sup>55</sup>	0 <sup>47</sup>	5 <sup>50</sup>	26 <sup>20</sup>	25 <sup>18</sup>	4 <sup>32</sup>	1 <sup>30</sup>	T 12
W 13	19 24 14	21 <sup>9</sup> 41	29 <sup>23</sup>	4 <sup>3</sup>	13 <sup>13</sup>	27 <sup>48</sup>	26 <sup>47</sup>	5 <sup>38</sup>	5 <sup>53</sup>	0 <sup>45</sup>	5 <sup>51</sup>	26 <sup>21</sup>	25 <sup>15</sup>	4 <sup>39</sup>	1 <sup>30</sup>	W 13
T 14	19 28 11	22 <sup>6</sup> 56	13 <sup>11</sup> 39	5 <sup>50</sup>	12 <sup>39</sup>	28 <sup>25</sup>	27 <sup>1</sup>	5 <sup>45</sup>	5 <sup>52</sup>	0 <sup>44</sup>	5 <sup>52</sup>	26 <sup>22</sup>	25 <sup>12</sup>	4 <sup>46</sup>	1 <sup>29</sup>	T 14
F 15	19 32 7	23 <sup>4</sup> 11	27 <sup>50</sup>	7 <sup>39</sup>	12 <sup>6</sup>	29 <sup>2</sup>	27 <sup>14</sup>	5 <sup>53</sup>	5 <sup>50</sup>	0 <sup>42</sup>	5 <sup>54</sup>	26 <sup>R</sup> 23	25 <sup>9</sup>	4 <sup>52</sup>	1 <sup>29</sup>	F 15
S 16	19 36 4	24 <sup>1</sup> 27	11 <sup>52</sup> 52	9 <sup>32</sup>	11 <sup>35</sup>	29 <sup>39</sup>	27 <sup>27</sup>	6 <sup>1</sup>	5 <sup>49</sup>	0 <sup>41</sup>	5 <sup>55</sup>	26 <sup>22</sup>	25 <sup>5</sup>	4 <sup>59</sup>	1 <sup>28</sup>	S 16
S 17	19 40 0	24 <sup>58</sup> 43	25 <sup>41</sup>	11 <sup>27</sup>	11 <sup>6</sup>	0 <sup>11</sup> 16	27 <sup>41</sup>	6 <sup>8</sup>	5 <sup>47</sup>	0 <sup>39</sup>	5 <sup>57</sup>	26 <sup>20</sup>	25 <sup>2</sup>	5 <sup>6</sup>	1 <sup>27</sup>	S 17
M 18	19 43 57	25 <sup>55</sup> 58	9 <sup>Ω</sup> 14	13 <sup>25</sup>	10 <sup>39</sup>	0 <sup>53</sup>	27 <sup>54</sup>	6 <sup>16</sup>	5 <sup>46</sup>	0 <sup>37</sup>	5 <sup>58</sup>	26 <sup>16</sup>	24 <sup>59</sup>	5 <sup>13</sup>	1 <sup>27</sup>	M 18
T 19	19 47 54	26 <sup>53</sup> 14	22 <sup>30</sup>	15 <sup>25</sup>	10 <sup>13</sup>	1 <sup>30</sup>	28 <sup>7</sup>	6 <sup>24</sup>	5 <sup>45</sup>	0 <sup>36</sup>	5 <sup>59</sup>	26 <sup>12</sup>	24 <sup>56</sup>	5 <sup>19</sup>	1 <sup>26</sup>	T 19
W 20	19 51 50	27 <sup>50</sup> 29	5 <sup>11</sup> 26	17 <sup>27</sup>	9 <sup>50</sup>	2 <sup>7</sup>	28 <sup>20</sup>	6 <sup>32</sup>	5 <sup>43</sup>	0 <sup>34</sup>	6 <sup>1</sup>	26 <sup>7</sup>	24 <sup>53</sup>	5 <sup>26</sup>	1 <sup>25</sup>	W 20
T 21	19 55 47	28 <sup>47</sup> 45	18 <sup>4</sup>	19 <sup>31</sup>	9 <sup>29</sup>	2 <sup>44</sup>	28 <sup>33</sup>	6 <sup>39</sup>	5 <sup>42</sup>	0 <sup>32</sup>	6 <sup>2</sup>	26 <sup>2</sup>	24 <sup>50</sup>	5 <sup>33</sup>	1 <sup>24</sup>	T 21
F 22	19 59 43	29 <sup>45</sup> 00	0 <sup>2</sup> 26	21 <sup>37</sup>	9 <sup>10</sup>	3 <sup>21</sup>	28 <sup>46</sup>	6 <sup>47</sup>	5 <sup>41</sup>	0 <sup>31</sup>	6 <sup>3</sup>	25 <sup>58</sup>	24 <sup>46</sup>	5 <sup>39</sup>	1 <sup>23</sup>	F 22
S 23	20 3 40	0 <sup>Ω</sup> 42'15	12 <sup>33</sup>	23 <sup>44</sup>	8 <sup>53</sup>	3 <sup>58</sup>	28 <sup>59</sup>	6 <sup>55</sup>	5 <sup>40</sup>	0 <sup>29</sup>	6 <sup>5</sup>	25 <sup>55</sup>	24 <sup>43</sup>	5 <sup>46</sup>	1 <sup>22</sup>	S 23
S 24	20 7 36	1 <sup>39</sup> 30	24 <sup>31</sup>	25 <sup>52</sup>	8 <sup>39</sup>	4 <sup>35</sup>	29 <sup>11</sup>	7 <sup>3</sup>	5 <sup>39</sup>	0 <sup>28</sup>	6 <sup>6</sup>	25 <sup>53</sup>	24 <sup>40</sup>	5 <sup>53</sup>	1 <sup>21</sup>	S 24
M 25	20 11 33	2 <sup>36</sup> 45	6 <sup>11</sup> 23	28 <sup>0</sup>	8 <sup>27</sup>	5 <sup>12</sup>	29 <sup>24</sup>	7 <sup>10</sup>	5 <sup>38</sup>	0 <sup>26</sup>	6 <sup>7</sup>	25 <sup>D</sup> 53	24 <sup>37</sup>	5 <sup>59</sup>	1 <sup>20</sup>	M 25
T 26	20 15 29	3 <sup>34</sup> 01	18 <sup>14</sup>	0 <sup>Ω</sup> 9	8 <sup>17</sup>	5 <sup>49</sup>	29 <sup>37</sup>	7 <sup>18</sup>	5 <sup>37</sup>	0 <sup>24</sup>	6 <sup>9</sup>	25 <sup>54</sup>	24 <sup>34</sup>	6 <sup>6</sup>	1 <sup>19</sup>	T 26
W 27	20 19 26	4 <sup>31</sup> 16	0 <sup>2</sup> 11	2 <sup>18</sup>	8 <sup>10</sup>	6 <sup>26</sup>	29 <sup>50</sup>	7 <sup>26</sup>	5 <sup>36</sup>	0 <sup>23</sup>	6 <sup>10</sup>	25 <sup>55</sup>	24 <sup>30</sup>	6 <sup>13</sup>	1 <sup>18</sup>	W 27
T 28	20 23 22	5 <sup>28</sup> 32	12 <sup>16</sup>	4 <sup>27</sup>	8 <sup>5</sup>	7 <sup>4</sup>	0 <sup>52</sup> 2	7 <sup>34</sup>	5 <sup>35</sup>	0 <sup>21</sup>	6 <sup>11</sup>	25 <sup>57</sup>	24 <sup>27</sup>	6 <sup>19</sup>	1 <sup>17</sup>	T 28
F 29	20 27 19	6 <sup>25</sup> 47	24 <sup>35</sup>	6 <sup>35</sup>	8 <sup>2</sup>	7 <sup>41</sup>	0 <sup>15</sup>	7 <sup>41</sup>	5 <sup>34</sup>	0 <sup>19</sup>	6 <sup>12</sup>	25 <sup>R</sup> 57	24 <sup>24</sup>	6 <sup>26</sup>	1 <sup>15</sup>	F 29
S 30	20 31 16	7 <sup>23</sup> 03	7 <sup>3</sup> 11	8 <sup>43</sup>	8 <sup>3D</sup> 2	8 <sup>18</sup>	0 <sup>27</sup>	7 <sup>49</sup>	5 <sup>34</sup>	0 <sup>18</sup>	6 <sup>14</sup>	25 <sup>57</sup>	24 <sup>21</sup>	6 <sup>33</sup>	1 <sup>14</sup>	S 30
S 31	20 35 12	8 <sup>Ω</sup> 20'19	20 <sup>3</sup> 6	10 <sup>Ω</sup> 49	8 <sup>52</sup> 4	8 <sup>11</sup> 55	0 <sup>52</sup> 40	7 <sup>Ω</sup> 57	5 <sup>2</sup> 33	0 <sup>22</sup> 16	6 <sup>5</sup> 15	25 <sup>II</sup> 54	24 <sup>II</sup> 18	6 <sup>11</sup> 39	1 <sup>1</sup> 13	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	23n 0	21s45		0n55	19n33	3s12	19n59	1s51	15n49	1n16	22n45	0s28	19n26	0n17	21s 8	0n 8	19s18	0n34	16n22	6s53	23n19	23n17	8s43	3n59	3n41						
S 2	22 56	23 34		0s13	19 48	3 2	19 50	2 5	15 37	1 15	22 46	0 28	19 24	0 17	21 8	0 8	19 18	0 34	16 22	6 53	23 19	23 17	8 46	3 59	3 41						
S 3	22 51	24 13	1 22	20 4	2 52	19 40	2 19	15 25	1 15	22 47	0 28	19 23	0 17	21 8	0 8	19 19	0 34	16 22	6 53	23 19	23 17	8 49	3 59	3 41							
M 4	22 46	23 35	2 28	20 20	2 42	19 31	2 33	15 12	1 15	22 47	0 28	19 21	0 17	21 7	0 8	19 19	0 34	16 21	6 53	23 18	23 17	8 52	4 0	3 41							
T 5	22 40	21 39	3 28	20 35	2 31	19 22	2 47	15 0	1 14	22 48	0 28	19 19	0 17	21 7	0 8	19 19	0 34	16 21	6 53	23 18	23 17	8 54	4 0	3 41							
W 6	22 34	18 29	4 17	20 51	2 20	19 13	3 1	14 48	1 14	22 48	0 28	19 18	0 18	21 7	0 8	19 20	0 34	16 21	6 53	23 18	23 17	8 57	4 0	3 42							
T 7	22 28	14 18	4 53	21 6	2 8	19 5	3 14	14 35	1 13	22 49	0 28	19 16	0 18	21 7	0 8	19 20	0 34	16 21	6 53	23 18	23 17	9 0	4 0	3 42							
F 8	22 21	9 19	5 12	21 21	1 56	18 56	3 28	14 23	1 13	22 49	0 28	19 14	0 18	21 6	0 8	19 20	0 34	16 21	6 53	23 18	23 17	9 3	4 0	3 42							
S 9	22 14	3 48	5 13	21 36	1 44	18 48	3 40	14 10	1 13	22 50	0 28	19 12	0 18	21 6	0 8	19 21	0 34	16 21	6 53	23 18	23 17	9 5	4 0	3 42							
S 10	22 7	1n57	4 55	21 49	1 32	18 40	3 53	13 57	1 12	22 50	0 27	19 11	0 18	21 6	0 8	19 21	0 34	16 21	6 53	23 18	23 17	9 8	4 0	3 42							
M 11	21 59	7 39	4 20	22 1	1 20	18 32	4 4	13 44	1 12	22 51	0 27	19 9	0 18	21 6	0 8	19 21	0 34	16 21	6 53	23 18	23 16	9 11	4 0	3 42							
T 12	21 50	12 59	3 28	22 13	1 7	18 24	4 16	13 31	1 11	22 51	0 27	19 7	0 18	21 5	0 8	19 22	0 34	16 21	6 53	23 18	23 16	9 14	4 0	3 42							
W 13	21 42	17 37	2 23	22 23	0 55	18 17	4 26	13 18	1 11	22 52	0 27	19 5	0 18	21 5	0 8	19 22	0 34	16 21	6 53	23 18	23 16	9 16	4 0	3 43							
T 14	21 33	21 13	1 9	22 31	0 42	18 10	4 36	13 5	1 11	22 52	0 27	19 4	0 18	21 5	0 8	19 22	0 34	16 21	6 53	23 18	23 16	9 19	4 0	3 43							
F 15	21 23	23 28	0n 8	22 38	0 30	18 3	4 46	12 52	1 10	22 52	0 27	19 2	0 18	21 5	0 8	19 23	0 34	16 21	6 53	23 18	23 16	9 22	4 0	3 43							
S 16	21 14	24 13	1 24	22 43	0 18	17 57	4 55	12 39	1 10	22 53	0 27	19 0	0 18	21 4	0 8	19 23	0 34	16 21	6 53	23 18	23 16	9 25	4 0	3 43							
S 17	21 4	23 27	2 34	22 46	0 6	17 51	5 3	12 25	1 9	22 53	0 27	18 58	0 18	21 4	0 8	19 23	0 34	16 21	6 53	23 18	23 16	9 27	3 59	3 43							
M 18	20 53	21 18	3 33	22 46	0n 5	17 46	5 11	12 12	1 9	22 53	0 27	18 56	0 18	21 4	0 8	19 24	0 34	16 21	6 53	23 18	23 16	9 30	3 59	3 43							
T 19	20 42	18 4	4 20	22 44	0 16	17 41	5 18	11 58	1 8	22 54	0 27	18 54	0 19	21 4	0 8	19 24	0 34	16 21	6 53	23 18	23 15	9 33	3 59	3 43							
W 20	20 31	14 0	4 52	22 40	0 27	17 36	5 24	11 45	1 8	22 54	0 27	18 53	0 19	21 3	0 8	19 24	0 34	16 21	6 53	23 18	23 15	9 35	3 59	3 44							
T 21	20 20	9 26	5 9	22 33	0 37	17 32	5 30	11 31	1 8	22 54	0 27	18 51	0 19	21 3	0 8	19 25	0 34	16 21	6 53	23 18	23 15	9 38	3 59	3 44							
F 22	20 8	4 35	5 11	22 24	0 47	17 28	5 35	11 17	1 7	22 54	0 27	18 49	0 19	21 3	0 8	19 25	0 34	16 21	6 53	23 18	23 15	9 41	3 58	3 44							
S 23	19 56	0s21	4 59	22 12	0 56	17 25	5 40	11 3	1 7	22 54	0 27	18 47	0 19	21 3	0 8	19 26	0 34	16 21	6 53	23 17	23 15	9 44	3 58	3 44							
S 24	19 43	5 13	4 34	21 57	1 5	17 22	5 43	10 50	1 6	22 54	0 27	18 45	0 19	21 3	0 8	19 26	0 34	16 20	6 53	23 17	23 15	9 46	3 58	3 44							
M 25	19 30	9 52	3 57	21 40	1 12	17 19	5 47	10 36	1 6	22 55	0 27	18 43	0 19	21 3	0 8	19 26	0 34	16 20	6 53	23 17	23 15	9 49	3 57	3 44							
T 26	19 17	14 9	3 11	21 20	1 19	17 17	5 49	10 22	1 6	22 55	0 27	18 41	0 19	21 2	0 8	19 27	0 34	16 20	6 53	23 17	23 15	9 52	3 57	3 44							
W 27	19 4	17 54	2 16	20 58	1 25	17 15	5 52	10 8	1 5	22 55	0 27	18 40	0 19	21 2	0 8	19 27	0 34	16 20	6 53	23 18	23 14	9 55	3 57	3 44							
T 28	18 50	20 58	1 14	20 33	1 31	17 14	5 53	9 53	1 5	22 55	0 26	18 38	0 19	21 2	0 8	19 27	0 34	16 20	6 53	23 18	23 14	9 57	3 56	3 44							
F 29	18 36	23 7	0 7	20 6	1 35	17 13	5 55	9 39	1 4	22 55	0 26	18 36	0 19	21 2	0 8	19 28	0 34	16 20	6 53	23 18	23 14	10 0	3 56	3 45							
S 30	18 22	24 10	1s 1	19 37	1 39	17 12	5 55	9 25	1 4	22 55	0 26	18 34	0 19	21 2	0 8	19 28	0 34	16 20	6 53	23 18	23 14	10 3	3 56	3 45							
S 31	18n 7	23s57	2s 7	19n 6	1n42	17n11	5s56	9n11	1n 3	22n55	0s26	18n32	0n20	21s 2	0n 8	19s28	0n34	16n20	6s53	23n17	23n14	10s 5	3n55	3n45							

## ASTRODIENST EPHEMERIS for the year 2653

AUGUST 2653

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	20 39 9	9♂17'36	3♂21	12♂55	8♂9	9♂32	0♂52	8♂5	5°R32	0°R15	6♂16	25°R50	24♂15	6♂46	1°R11	M 1
T 2	20 43 5	10°14'53	16°55	15° 0	8°15	10°10	1° 4	8°12	5°R32	0°R13	6°17	25°R44	24°11	6°53	1°R10	T 2
W 3	20 47 2	11°12'10	0♂46	17° 3	8°24	10°47	1°17	8°20	5°31	0°11	6°19	25°37	24° 8	7° 0	1° 8	W 3
T 4	20 50 58	12° 9'28	14°51	19° 5	8°35	11°24	1°29	8°28	5°31	0°10	6°20	25°30	24° 5	7° 6	1° 7	T 4
F 5	20 54 55	13° 6'47	29° 4	21° 5	8°48	12° 2	1°41	8°36	5°30	0° 8	6°21	25°23	24° 2	7°13	1° 5	F 5
S 6	20 58 52	14° 4'07	13°V21	23° 4	9° 3	12°39	1°53	8°43	5°30	0° 7	6°22	25°18	23°59	7°20	1° 3	S 6
S 7	21 2 48	15° 1'27	27°37	25° 1	9°20	13°16	2° 5	8°51	5°29	0° 5	6°23	25°15	23°56	7°26	1° 2	S 7
M 8	21 6 45	15°58'49	11♂51	26°56	9°39	13°54	2°17	8°59	5°29	0° 4	6°24	25°D14	23°52	7°33	1° 0	M 8
T 9	21 10 41	16°56'12	25°59	28°50	10° 0	14°31	2°29	9° 7	5°29	0° 2	6°26	25°14	23°49	7°40	0°58	T 9
W10	21 14 38	17°53'36	10♂1	0♂42	10°22	15° 9	2°40	9°14	5°29	0° 1	6°27	25°15	23°46	7°46	0°56	W10
T 11	21 18 34	18°51'00	23°55	2°33	10°46	15°46	2°52	9°22	5°28	29♂59	6°28	25°R15	23°43	7°53	0°55	T 11
F 12	21 22 31	19°48'26	7♂41	4°22	11°12	16°24	3° 4	9°30	5°28	29°58	6°29	25°15	23°40	8° 0	0°53	F 12
S 13	21 26 27	20°45'53	21°17	6° 9	11°39	17° 1	3°15	9°37	5°28	29°56	6°30	25°12	23°36	8° 6	0°51	S 13
S 14	21 30 24	21°43'21	4♂43	7°55	12° 8	17°39	3°26	9°45	5°D28	29°55	6°31	25° 7	23°33	8°13	0°49	S 14
M15	21 34 21	22°40'50	17°56	9°39	12°38	18°17	3°38	9°53	5°28	29°53	6°32	24°59	23°30	8°20	0°47	M15
T 16	21 38 17	23°38'20	0♂56	11°21	13°10	18°54	3°49	10° 0	5°28	29°52	6°33	24°50	23°27	8°26	0°45	T 16
W17	21 42 14	24°35'51	13°41	13° 2	13°43	19°32	4° 0	10° 8	5°28	29°50	6°34	24°39	23°24	8°33	0°43	W17
T 18	21 46 10	25°33'22	26°12	14°41	14°18	20°10	4°11	10°16	5°29	29°49	6°35	24°29	23°21	8°40	0°40	T 18
F 19	21 50 7	26°30'54	8♂28	16°19	14°53	20°47	4°22	10°23	5°29	29°47	6°36	24°19	23°17	8°46	0°38	F 19
S 20	21 54 3	27°28'27	20°33	17°55	15°30	21°25	4°33	10°31	5°29	29°46	6°37	24°11	23°14	8°53	0°36	S 20
S 21	21 58 0	28°26'01	2♂28	19°29	16° 8	22° 3	4°44	10°38	5°30	29°45	6°38	24° 6	23°11	9° 0	0°34	S 21
M22	22 1 56	29°23'36	14°19	21° 2	16°47	22°41	4°55	10°46	5°30	29°43	6°39	24° 3	23° 8	9° 7	0°32	M22
T 23	22 5 53	0♂21'12	26° 9	22°33	17°28	23°18	5° 5	10°53	5°30	29°42	6°40	24°D 1	23° 5	9°13	0°29	T 23
W24	22 9 49	1°18'49	8♂4	24° 3	18° 9	23°56	5°16	11° 1	5°31	29°40	6°41	24° 1	23° 2	9°20	0°27	W24
T 25	22 13 46	2°16'27	20° 9	25°31	18°51	24°34	5°26	11° 8	5°32	29°39	6°42	24°R 2	22°58	9°27	0°25	T 25
F 26	22 17 43	3°14'05	2♂29	26°57	19°34	25°12	5°36	11°16	5°32	29°38	6°43	24° 2	22°55	9°33	0°22	F 26
S 27	22 21 39	4°11'45	15° 9	28°22	20°19	25°50	5°47	11°23	5°33	29°37	6°43	24° 0	22°52	9°40	0°20	S 27
S 28	22 25 36	5° 9'25	28°13	29°45	21° 4	26°28	5°57	11°31	5°34	29°35	6°44	23°56	22°49	9°47	0°17	S 28
M29	22 29 32	6° 7'07	11♂41	1♂6	21°50	27° 6	6° 7	11°38	5°34	29°34	6°45	23°49	22°46	9°53	0°15	M29
T 30	22 33 29	7° 4'50	25°35	2°26	22°37	27°44	6°17	11°45	5°35	29°33	6°46	23°40	22°42	10° 0	0°12	T 30
W31	22 37 25	8♂2'34	9♂49	3♂44	23♂24	28♂22	6♂26	11♂52	5♂36	29♂32	6♂47	23♂30	22♂39	10♂7	0♂V10	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	17n52	22s23	3s 8	18n33	1n44	17n11	5s56	8n56	1n 3	22n55	0s26	18n30	0n20	21s 2	0n 8	M 1
T 2	17 37	19 32	4 0	17 58	1 46	17 11	5 55	8 42	1 3	22 55	0 26	18 28	0 20	21 2	0 8	T 2
W 3	17 21	15 31	4 39	17 22	1 47	17 12	5 54	8 27	1 2	22 55	0 26	18 26	0 20	21 2	0 8	W 3
T 4	17 5	10 36	5 2	16 45	1 47	17 12	5 53	8 13	1 2	22 55	0 26	18 24	0 20	21 1	0 7	T 4
F 5	16 49	5 4	5 7	16 6	1 46	17 13	5 51	7 58	1 1	22 55	0 26	18 22	0 20	21 1	0 7	F 5
S 6	16 33	0n45	4 53	15 26	1 45	17 14	5 50	7 44	1 1	22 54	0 26	18 20	0 20	21 1	0 7	S 6
S 7	16 16	6 32	4 20	14 46	1 43	17 15	5 47	7 29	1 0	22 54	0 26	18 18	0 20	21 1	0 7	S 7
M 8	15 59	11 58	3 32	14 4	1 41	17 16	5 45	7 14	1 0	22 54	0 26	18 16	0 20	21 1	0 7	M 8
T 9	15 42	16 44	2 31	13 22	1 38	17 17	5 42	6 59	0 59	22 54	0 26	18 14	0 20	21 1	0 7	T 9
W10	15 25	20 32	1 21	12 39	1 34	17 19	5 39	6 44	0 59	22 54	0 26	18 13	0 20	21 1	0 7	W10
T 11	15 7	23 6	0 7	11 56	1 30	17 20	5 36	6 30	0 59	22 54	0 26	18 11	0 21	21 1	0 7	T 11
F 12	14 49	24 14	1n 6	11 12	1 26	17 21	5 33	6 15	0 58	22 53	0 26	18 9	0 21	21 1	0 7	F 12
S 13	14 31	23 54	2 15	10 28	1 21	17 23	5 29	6 0	0 58	22 53	0 26	18 7	0 21	21 1	0 7	S 13
S 14	14 13	22 10	3 15	9 44	1 15	17 24	5 25	5 45	0 57	22 53	0 26	18 5	0 21	21 1	0 7	S 14
M15	13 54	19 16	4 3	9 0	1 10	17 25	5 21	5 30	0 57	22 53	0 26	18 3	0 21	21 1	0 7	M15
T 16	13 36	15 26	4 38	8 16	1 3	17 27	5 17	5 14	0 56	22 52	0 26	18 1	0 21	21 1	0 7	T 16
W17	13 17	10 59	4 58	7 31	0 57	17 28	5 13	4 59	0 56	22 52	0 26	17 59	0 21	21 1	0 7	W17
T 18	12 57	6 9	5 4	6 47	0 50	17 29	5 9	4 44	0 55	22 52	0 25	17 57	0 21	21 1	0 7	T 18
F 19	12 38	1 10	4 55	6 3	0 43	17 29	5 4	4 29	0 55	22 52	0 25	17 55	0 21	21 1	0 7	F 19
S 20	12 18	3s47	4 33	5 19	0 36	17 30	4 59	4 14	0 55	22 51	0 25	17 53	0 21	21 1	0 7	S 20
S 21	11 59	8 33	3 59	4 35	0 28	17 31	4 54	3 58	0 54	22 51	0 25	17 51	0 21	21 2	0 7	S 21
M22	11 39	12 58	3 15	3 51	0 20	17 31	4 50	3 43	0 54	22 51	0 25	17 49	0 22	21 2	0 7	M22
T 23	11 19	16 54	2 23	3 8	0 12	17 31	4 45	3 28	0 53	22 50	0 25	17 47	0 22	21 2	0 7	T 23
W24	10 58	20 11	1 24	2 25	0 3	17 31	4 39	3 12	0 53	22 50	0 25	17 45	0 22	21 2	0 7	W24
T 25	10 38	22 39	0 21	1 42	0s 5	17 30	4 34	2 57	0 52	22 49	0 25	17 43	0 22	21 2	0 7	T 25
F 26	10 17	24 5	0s45	1 0	0 14	17 30	4 29	2 42	0 52	22 49	0 25	17 41	0 22	21 2	0 7	F 26
S 27	9 56	24 19	1 50	0 18	0 23	17 29	4 24	2 26	0 51	22 49	0 25	17 39	0 22	21 2	0 7	S 27
S 28	9 35	23 14	2 51	0s23	0 32	17 27	4 18	2 11	0 51	22 48	0 25	17 37	0 22	21 2	0 7	S 28
M29	9 14	20 49	3 44	1 4	0 41	17 26	4 13	1 55	0 51	22 48	0 25	17 36	0 22	21 2	0 7	M29
T 30	8 53	17 8	4 26	1 44	0 50	17 24	4 7	1 40	0 50	22 47	0 25	17 34	0 22	21 3	0 7	T 30
W31	8n31	12s23	4s53	2s23	0s59	17n22	4s 2	1n24	0n50	22n47	0s25	17n32	0n22	21s 3	0n 7	W31

Julian Day Number = 2690260.5, Delta T = 23m50s

Ecliptic obliquity = 23°21'17, Nutation = - 0°00'16

Ayanamsha: Fagan/Bradley = 33°52'58, Lahiri = 32°59'58

# ASTRODIENST EPHEMERIS for the year 2653

SEPTEMBER 2653

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 41 22	9 <sup>h</sup> 0'19"	24 <sup>h</sup> 20'	5 <sup>h</sup> 0'	24 <sup>h</sup> 13'	29 <sup>h</sup> 0'	6 <sup>h</sup> 36'	12 <sup>h</sup> 0'	5 <sup>h</sup> 37'	29 <sup>h</sup> 31'	6 <sup>h</sup> 47'	23 <sup>h</sup> 19'	22 <sup>h</sup> 36'	10 <sup>h</sup> 13'	0 <sup>h</sup> 7'	T 1
F 2	22 45 18	9 <sup>h</sup> 58'06"	9 <sup>h</sup> 0'	6 <sup>h</sup> 14'	25 <sup>h</sup> 2'	29 <sup>h</sup> 38'	6 <sup>h</sup> 46'	12 <sup>h</sup> 7'	5 <sup>h</sup> 38'	29 <sup>h</sup> 29'	6 <sup>h</sup> 48'	23 <sup>h</sup> 8'	22 <sup>h</sup> 33'	10 <sup>h</sup> 20'	0 <sup>h</sup> 5'	F 2
S 3	22 49 15	10 <sup>h</sup> 55'54"	23 <sup>h</sup> 41'	7 <sup>h</sup> 26'	25 <sup>h</sup> 52'	0 <sup>h</sup> 16'	6 <sup>h</sup> 55'	12 <sup>h</sup> 14'	5 <sup>h</sup> 39'	29 <sup>h</sup> 28'	6 <sup>h</sup> 49'	23 <sup>h</sup> 0'	22 <sup>h</sup> 30'	10 <sup>h</sup> 27'	0 <sup>h</sup> 2'	S 3
S 4	22 53 12	11 <sup>h</sup> 53'44"	8 <sup>h</sup> 16'	8 <sup>h</sup> 36'	26 <sup>h</sup> 42'	0 <sup>h</sup> 54'	7 <sup>h</sup> 4'	12 <sup>h</sup> 21'	5 <sup>h</sup> 40'	29 <sup>h</sup> 27'	6 <sup>h</sup> 50'	22 <sup>h</sup> 54'	22 <sup>h</sup> 27'	10 <sup>h</sup> 33'	29 <sup>h</sup> 59'	S 4
M 5	22 57 8	12 <sup>h</sup> 51'35"	22 <sup>h</sup> 41'	9 <sup>h</sup> 44'	27 <sup>h</sup> 34'	1 <sup>h</sup> 33'	7 <sup>h</sup> 14'	12 <sup>h</sup> 28'	5 <sup>h</sup> 41'	29 <sup>h</sup> 26'	6 <sup>h</sup> 50'	22 <sup>h</sup> 51'	22 <sup>h</sup> 23'	10 <sup>h</sup> 40'	29 <sup>h</sup> 57'	M 5
T 6	23 1 5	13 <sup>h</sup> 49'29"	6 <sup>h</sup> 52'	10 <sup>h</sup> 50'	28 <sup>h</sup> 26'	2 <sup>h</sup> 11'	7 <sup>h</sup> 23'	12 <sup>h</sup> 35'	5 <sup>h</sup> 42'	29 <sup>h</sup> 25'	6 <sup>h</sup> 51'	22 <sup>h</sup> 50'	22 <sup>h</sup> 20'	10 <sup>h</sup> 47'	29 <sup>h</sup> 54'	T 6
W 7	23 5 1	14 <sup>h</sup> 47'24"	20 <sup>h</sup> 49'	11 <sup>h</sup> 54'	29 <sup>h</sup> 18'	2 <sup>h</sup> 49'	7 <sup>h</sup> 32'	12 <sup>h</sup> 42'	5 <sup>h</sup> 43'	29 <sup>h</sup> 24'	6 <sup>h</sup> 52'	22 <sup>h</sup> 50'	22 <sup>h</sup> 17'	10 <sup>h</sup> 53'	29 <sup>h</sup> 52'	W 7
T 8	23 8 58	15 <sup>h</sup> 45'21"	4 <sup>h</sup> 31'	12 <sup>h</sup> 55'	0 <sup>h</sup> 12'	3 <sup>h</sup> 27'	7 <sup>h</sup> 40'	12 <sup>h</sup> 49'	5 <sup>h</sup> 45'	29 <sup>h</sup> 23'	6 <sup>h</sup> 52'	22 <sup>h</sup> 50'	22 <sup>h</sup> 14'	11 <sup>h</sup> 0'	29 <sup>h</sup> 49'	T 8
F 9	23 12 54	16 <sup>h</sup> 43'20"	17 <sup>h</sup> 59'	13 <sup>h</sup> 53'	1 <sup>h</sup> 5'	4 <sup>h</sup> 6'	7 <sup>h</sup> 49'	12 <sup>h</sup> 56'	5 <sup>h</sup> 46'	29 <sup>h</sup> 22'	6 <sup>h</sup> 53'	22 <sup>h</sup> 48'	22 <sup>h</sup> 11'	11 <sup>h</sup> 7'	29 <sup>h</sup> 46'	F 9
S 10	23 16 51	17 <sup>h</sup> 41'21"	1 <sup>h</sup> 14'	14 <sup>h</sup> 49'	2 <sup>h</sup> 0'	4 <sup>h</sup> 44'	7 <sup>h</sup> 58'	13 <sup>h</sup> 3'	5 <sup>h</sup> 47'	29 <sup>h</sup> 21'	6 <sup>h</sup> 54'	22 <sup>h</sup> 44'	22 <sup>h</sup> 8'	11 <sup>h</sup> 13'	29 <sup>h</sup> 43'	S 10
S 11	23 20 47	18 <sup>h</sup> 39'24"	14 <sup>h</sup> 18'	15 <sup>h</sup> 42'	2 <sup>h</sup> 55'	5 <sup>h</sup> 22'	8 <sup>h</sup> 6'	13 <sup>h</sup> 10'	5 <sup>h</sup> 49'	29 <sup>h</sup> 20'	6 <sup>h</sup> 54'	22 <sup>h</sup> 37'	22 <sup>h</sup> 4'	11 <sup>h</sup> 20'	29 <sup>h</sup> 41'	S 11
M 12	23 24 44	19 <sup>h</sup> 37'28"	27 <sup>h</sup> 11'	16 <sup>h</sup> 32'	3 <sup>h</sup> 50'	6 <sup>h</sup> 1'	8 <sup>h</sup> 15'	13 <sup>h</sup> 17'	5 <sup>h</sup> 50'	29 <sup>h</sup> 19'	6 <sup>h</sup> 55'	22 <sup>h</sup> 27'	22 <sup>h</sup> 1'	11 <sup>h</sup> 27'	29 <sup>h</sup> 38'	M 12
T 13	23 28 41	20 <sup>h</sup> 35'33"	9 <sup>h</sup> 17'	17 <sup>h</sup> 19'	4 <sup>h</sup> 46'	6 <sup>h</sup> 39'	8 <sup>h</sup> 23'	13 <sup>h</sup> 24'	5 <sup>h</sup> 52'	29 <sup>h</sup> 18'	6 <sup>h</sup> 55'	22 <sup>h</sup> 15'	21 <sup>h</sup> 58'	11 <sup>h</sup> 33'	29 <sup>h</sup> 35'	T 13
W 14	23 32 37	21 <sup>h</sup> 33'41"	22 <sup>h</sup> 22'	18 <sup>h</sup> 2'	5 <sup>h</sup> 43'	7 <sup>h</sup> 18'	8 <sup>h</sup> 31'	13 <sup>h</sup> 30'	5 <sup>h</sup> 53'	29 <sup>h</sup> 18'	6 <sup>h</sup> 56'	22 <sup>h</sup> 1'	21 <sup>h</sup> 55'	11 <sup>h</sup> 40'	29 <sup>h</sup> 32'	W 14
T 15	23 36 34	22 <sup>h</sup> 31'50"	4 <sup>h</sup> 41'	18 <sup>h</sup> 42'	6 <sup>h</sup> 40'	7 <sup>h</sup> 56'	8 <sup>h</sup> 39'	13 <sup>h</sup> 37'	5 <sup>h</sup> 55'	29 <sup>h</sup> 17'	6 <sup>h</sup> 56'	21 <sup>h</sup> 48'	21 <sup>h</sup> 52'	11 <sup>h</sup> 47'	29 <sup>h</sup> 30'	T 15
F 16	23 40 30	23 <sup>h</sup> 30'01"	16 <sup>h</sup> 49'	19 <sup>h</sup> 17'	7 <sup>h</sup> 38'	8 <sup>h</sup> 35'	8 <sup>h</sup> 47'	13 <sup>h</sup> 43'	5 <sup>h</sup> 57'	29 <sup>h</sup> 16'	6 <sup>h</sup> 57'	21 <sup>h</sup> 35'	21 <sup>h</sup> 48'	11 <sup>h</sup> 54'	29 <sup>h</sup> 27'	F 16
S 17	23 44 27	24 <sup>h</sup> 28'13"	28 <sup>h</sup> 48'	19 <sup>h</sup> 49'	8 <sup>h</sup> 35'	9 <sup>h</sup> 13'	8 <sup>h</sup> 54'	13 <sup>h</sup> 50'	5 <sup>h</sup> 58'	29 <sup>h</sup> 15'	6 <sup>h</sup> 57'	21 <sup>h</sup> 24'	21 <sup>h</sup> 45'	12 <sup>h</sup> 0'	29 <sup>h</sup> 24'	S 17
S 18	23 48 23	25 <sup>h</sup> 26'27"	10 <sup>h</sup> 40'	20 <sup>h</sup> 15'	9 <sup>h</sup> 34'	9 <sup>h</sup> 52'	9 <sup>h</sup> 2'	13 <sup>h</sup> 57'	6 <sup>h</sup> 0'	29 <sup>h</sup> 14'	6 <sup>h</sup> 58'	21 <sup>h</sup> 16'	21 <sup>h</sup> 42'	12 <sup>h</sup> 7'	29 <sup>h</sup> 21'	S 18
M 19	23 52 20	26 <sup>h</sup> 24'42"	22 <sup>h</sup> 28'	20 <sup>h</sup> 37'	10 <sup>h</sup> 33'	10 <sup>h</sup> 31'	9 <sup>h</sup> 9'	14 <sup>h</sup> 3'	6 <sup>h</sup> 2'	29 <sup>h</sup> 14'	6 <sup>h</sup> 58'	21 <sup>h</sup> 11'	21 <sup>h</sup> 39'	12 <sup>h</sup> 14'	29 <sup>h</sup> 19'	M 19
T 20	23 56 16	27 <sup>h</sup> 22'59"	4 <sup>h</sup> 16'	20 <sup>h</sup> 54'	11 <sup>h</sup> 32'	11 <sup>h</sup> 9'	9 <sup>h</sup> 16'	14 <sup>h</sup> 9'	6 <sup>h</sup> 4'	29 <sup>h</sup> 13'	6 <sup>h</sup> 58'	21 <sup>h</sup> 8'	21 <sup>h</sup> 36'	12 <sup>h</sup> 20'	29 <sup>h</sup> 16'	T 20
W 21	0 0 13	28 <sup>h</sup> 21'18"	16 <sup>h</sup> 9'	21 <sup>h</sup> 6'	12 <sup>h</sup> 32'	11 <sup>h</sup> 48'	9 <sup>h</sup> 23'	14 <sup>h</sup> 16'	6 <sup>h</sup> 6'	29 <sup>h</sup> 12'	6 <sup>h</sup> 59'	21 <sup>h</sup> 7'	21 <sup>h</sup> 33'	12 <sup>h</sup> 27'	29 <sup>h</sup> 13'	W 21
T 22	0 4 10	29 <sup>h</sup> 19'38"	28 <sup>h</sup> 11'	21 <sup>h</sup> 11'	13 <sup>h</sup> 32'	12 <sup>h</sup> 27'	9 <sup>h</sup> 30'	14 <sup>h</sup> 22'	6 <sup>h</sup> 8'	29 <sup>h</sup> 12'	6 <sup>h</sup> 59'	21 <sup>h</sup> 7'	21 <sup>h</sup> 29'	12 <sup>h</sup> 34'	29 <sup>h</sup> 10'	T 22
F 23	0 8 6	0 <sup>h</sup> 18'00"	10 <sup>h</sup> 29'	21 <sup>h</sup> 11'	14 <sup>h</sup> 32'	13 <sup>h</sup> 6'	9 <sup>h</sup> 37'	14 <sup>h</sup> 28'	6 <sup>h</sup> 10'	29 <sup>h</sup> 11'	6 <sup>h</sup> 59'	21 <sup>h</sup> 7'	21 <sup>h</sup> 26'	12 <sup>h</sup> 40'	29 <sup>h</sup> 7'	F 23
S 24	0 12 3	1 <sup>h</sup> 16'23"	23 <sup>h</sup> 8'	21 <sup>h</sup> 4'	15 <sup>h</sup> 33'	13 <sup>h</sup> 44'	9 <sup>h</sup> 44'	14 <sup>h</sup> 34'	6 <sup>h</sup> 12'	29 <sup>h</sup> 11'	7 <sup>h</sup> 0'	21 <sup>h</sup> 5'	21 <sup>h</sup> 23'	12 <sup>h</sup> 47'	29 <sup>h</sup> 5'	S 24
S 25	0 15 59	2 <sup>h</sup> 14'47"	6 <sup>h</sup> 12'	20 <sup>h</sup> 51'	16 <sup>h</sup> 34'	14 <sup>h</sup> 23'	9 <sup>h</sup> 50'	14 <sup>h</sup> 41'	6 <sup>h</sup> 14'	29 <sup>h</sup> 10'	7 <sup>h</sup> 0'	21 <sup>h</sup> 2'	21 <sup>h</sup> 20'	12 <sup>h</sup> 54'	29 <sup>h</sup> 2'	S 25
M 26	0 19 56	3 <sup>h</sup> 13'13"	19 <sup>h</sup> 44'	20 <sup>h</sup> 31'	17 <sup>h</sup> 35'	15 <sup>h</sup> 2'	9 <sup>h</sup> 57'	14 <sup>h</sup> 47'	6 <sup>h</sup> 16'	29 <sup>h</sup> 10'	7 <sup>h</sup> 0'	20 <sup>h</sup> 55'	21 <sup>h</sup> 17'	13 <sup>h</sup> 0'	28 <sup>h</sup> 59'	M 26
T 27	0 23 52	4 <sup>h</sup> 11'41"	3 <sup>h</sup> 45'	20 <sup>h</sup> 3'	18 <sup>h</sup> 37'	15 <sup>h</sup> 41'	10 <sup>h</sup> 3'	14 <sup>h</sup> 53'	6 <sup>h</sup> 18'	29 <sup>h</sup> 9'	7 <sup>h</sup> 0'	20 <sup>h</sup> 47'	21 <sup>h</sup> 13'	13 <sup>h</sup> 7'	28 <sup>h</sup> 56'	T 27
W 28	0 27 49	5 <sup>h</sup> 10'11"	18 <sup>h</sup> 12'	19 <sup>h</sup> 29'	19 <sup>h</sup> 39'	16 <sup>h</sup> 20'	10 <sup>h</sup> 9'	14 <sup>h</sup> 58'	6 <sup>h</sup> 20'	29 <sup>h</sup> 9'	7 <sup>h</sup> 1'	20 <sup>h</sup> 36'	21 <sup>h</sup> 10'	13 <sup>h</sup> 14'	28 <sup>h</sup> 53'	W 28
T 29	0 31 45	6 <sup>h</sup> 8'42"	3 <sup>h</sup> 0'	18 <sup>h</sup> 49'	20 <sup>h</sup> 42'	16 <sup>h</sup> 59'	10 <sup>h</sup> 15'	15 <sup>h</sup> 4'	6 <sup>h</sup> 23'	29 <sup>h</sup> 8'	7 <sup>h</sup> 1'	20 <sup>h</sup> 25'	21 <sup>h</sup> 7'	13 <sup>h</sup> 20'	28 <sup>h</sup> 51'	T 29
F 30	0 35 42	7 <sup>h</sup> 7'15"	18 <sup>h</sup> 0'	18 <sup>h</sup> 2'	21 <sup>h</sup> 45'	17 <sup>h</sup> 38'	10 <sup>h</sup> 20'	15 <sup>h</sup> 10'	6 <sup>h</sup> 25'	29 <sup>h</sup> 8'	7 <sup>h</sup> 1'	20 <sup>h</sup> 15'	21 <sup>h</sup> 4'	13 <sup>h</sup> 27'	28 <sup>h</sup> 48'	F 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	8n10	6s51	5s 1	3s 2	1s 9	17n19	3s56	1n 9	0n49	22n47	0s25	17n30	0n23	21s 3	0n 7	19s39	0n33	16n16	6s55	23n11	23n 9	11s32	3n31	3n47					
F 2	7 48	0 53	4 50	3 40	1 18	17 16	3 50	0 53	0 49	22 46	0 25	17 28	0 23	21 3	0 7	19 39	0 33	16 16	6 55	23 11	23 9	11 35	3 30	3 47					
S 3	7 26	5n 8	4 20	4 17	1 28	17 13	3 45	0 38	0 48	22 46	0 25	17 26	0 23	21 3	0 7	19 39	0 33	16 16	6 55	23 10	23 9	11 37	3 29	3 47					
S 4	7 5	10 51	3 32	4 54	1 37	17 9	3 39	0 22	0 48	22 45	0 25	17 24	0 23	21 4	0 7	19 39	0 33	16 16	6 55	23 10	23 8	11 40	3 28	3 47					
M 5	6 43	15 55	2 32	5 29	1 47	17 5	3 33	0 7	0 47	22 45	0 25	17 22	0 23	21 4	0 7	19 40	0 33	16 16	6 55	23 10	23 8	11 43	3 27	3 47					
T 6	6 20	20 1	1 23	6 4	1 56	17 1	3 28	0s 9	0 47	22 44	0 25	17 20	0 23	21 4	0 7	19 40	0 33	16 16	6 56	23 10	23 8	11 45	3 26	3 47					
W 7	5 58	22 52	0 11	6 37	2 6	16 56	3 22	0 24	0 46	22 44	0 25	17 18	0 23	21 4	0 7	19 40	0 33	16 16	6 56	23 10	23 8	11 48	3 25	3 47					
T 8	5 36	24 18	1n 1	7 10	2 15	16 51	3 16	0 40	0 46	22 43	0 25	17 17	0 23	21 4	0 7	19 40	0 33	16 15	6 56	23 10	23 8	11 51	3 24	3 47					
F 9	5 13	24 17	2 9	7 41	2 24	16 45	3 10	0 56	0 45	22 43	0 25	17 15	0 23	21 5	0 7	19 41	0 33	16 15	6 56	23 10	23 7	11 53	3 23	3 47					
S 10	4 51	22 52	3 8	8 11	2 34	16 39	3 4	1 11	0 45	22 42	0 25	17 13	0 24	21 5	0 7	19 41	0 33	16 15	6 56	23 9	23 7	11 56	3 22	3 47					
S 11	4 28	20 15	3 56	8 40	2 43	16 33	2 58	1 27	0 44	22 42	0 25	17 11	0 24	21 5	0 7	19 41	0 33	16 15	6 56	23 9	23 7	11 59	3 20	3 47					
M12	4 6	16 40	4 32	9 7	2 52	16 26	2 53	1 42	0 44	22 41	0 25	17 9	0 24	21 6	0 7	19 41	0 33	16 15	6 56	23 8	23 7	12 1	3 19	3 47					
T 13	3 43	12 22	4 53	9 33	3 0	16 18	2 47	1 58	0 44	22 41	0 24	17 7	0 24	21 6	0 7	19 41	0 33	16 15	6 56	23 8	23 7	12 4	3 18	3 47					
W14	3 20	7 37	5 0	9 57	3 9	16 11	2 41	2 14	0 43	22 41	0 24	17 6	0 24	21 6	0 7	19 42	0 33	16 15	6 56	23 7	23 7	12 7	3 17	3 47					
T 15	2 57	2 37	4 52	10 20	3 17	16 2	2 35	2 29	0 43	22 40	0 24	17 4	0 24	21 6	0 7	19 42	0 33	16 15	6 56	23 6	23 6	12 9	3 16	3 47					
F 16	2 34	2s24	4 32	10 41	3 24	15 54	2 29	2 45	0 42	22 40	0 24	17 2	0 24	21 7	0 7	19 42	0 33	16 14	6 57	23 5	23 6	12 12	3 15	3 47					
S 17	2 11	7 17	3 59	10 59	3 32	15 45	2 23	3 0	0 42	22 39	0 24	17 0	0 24	21 7	0 7	19 42	0 33	16 14	6 57	23 5	23 6	12 15	3 14	3 46					
S 18	1 48	11 51	3 16	11 16	3 39	15 35	2 18	3 16	0 41	22 39	0 24	16 59	0 24	21 7	0 7	19 42	0 33	16 14	6 57	23 4	23 6	12 17	3 13	3 46					
M19	1 25	15 59	2 25	11 30	3 45	15 25	2 12	3 31	0 41	22 38	0 24	16 57	0 25	21 8	0 7	19 42	0 33	16 14	6 57	23 4	23 6	12 20	3 11	3 46					
T 20	1 2	19 29	1 28	11 41	3 50	15 15	2 6	3 47	0 40	22 38	0 24	16 55	0 25	21 8	0 7	19 43	0 33	16 14	6 57	23 4	23 5	12 23	3 10	3 46					
W21	0 39	22 12	0 26	11 50	3 55	15 4	2 0	4 2	0 40	22 37	0 24	16 53	0 25	21 8	0 7	19 43	0 33	16 14	6 57	23 4	23 5	12 25	3 9	3 46					
T 22	0 16	23 58	0s37	11 56	3 59	14 52	1 55	4 18	0 39	22 37	0 24	16 52	0 25	21 9	0 7	19 43	0 33	16 14	6 57	23 4	23 5	12 28	3 8	3 46					
F 23	0s 7	24 37	1 41	11 59	4 3	14 41	1 49	4 33	0 39	22 36	0 24	16 50	0 25	21 9	0 7	19 43	0 33	16 14	6 57	23 4	23 5	12 31	3 7	3 46					
S 24	0 30	24 1	1 41	11 58	4 5	14 28	1 43	4 49	0 38	22 36	0 24	16 48	0 25	21 9	0 7	19 43	0 32	16 13	6 57	23 3	23 5	12 33	3 6	3 46					
S 25	0 53	22 7	3 35	11 54	4 6	14 16	1 38	5 4	0 38	22 36	0 24	16 47	0 25	21 10	0 7	19 43	0 32	16 13	6 57	23 3	23 4	12 36	3 4	3 46					
M26	1 17	18 56	4 19	11 46	4 5	14 3	1 32	5 20	0 37	22 35	0 24	16 45	0 25	21 10	0 7	19 44	0 32	16 13	6 58	23 3	23 4	12 38	3 3	3 46					
T 27	1 40	14 35	4 48	11 34	4 3	13 49	1 27	5 35	0 37	22 35	0 24	16 43	0 25	21 11	0 7	19 44	0 32	16 13	6 58	23 2	23 4	12 41	3 2	3 46					
W28	2 3	9 16	5 1	11 18	4 0	13 35	1 21	5 51	0 36	22 34	0 24	16 42	0 26	21 11	0 7	19 44	0 32	16 13	6 58	23 1	23 4	12 44	3 1	3 46					
T 29	2 26	3 19	4 54	10 58	3 55	13 21	1 16	6 6	0 36	22 34	0 24	16 40	0 26	21 11	0 7	19 44	0 32	16 13	6 58	23 1	23 4	12 46	3 0	3 46					
F 30	2s49	2n55	4s27	10s33	3s48	13n 6	1s10	6s21	0n35	22n33	0s24	16n38	0n26	21s12	0n 7	19s44	0n32	16n13	6s58	23n 0	23n 3	12s49	2n58	3n45					

# ASTRODIENST EPHEMERIS for the year 2653

OCTOBER 2653

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 39 38	8♌ 5'50	3♏ 5	17°R 9	22♌48	18♌17	10♏26	15♌16	6♏27	29°R 8	7♏ 1	20°R 7	21♏ 1	13♏34	28°R45	S 1
S 2	0 43 35	9° 4'27	18° 3	16♌11	23°51	18°56	10°31	15°21	6°30	29♏ 7	7° 1	20♏ 1	20°58	13°40	28♏42	S 2
M 3	0 47 32	10° 3'06	2♏46	15° 9	24°55	19°35	10°36	15°27	6°32	29° 7	7° 1	19°58	20°54	13°47	28°40	M 3
T 4	0 51 28	11° 1'48	17°10	14° 5	25°59	20°14	10°41	15°33	6°34	29° 7	7° 1	19°D57	20°51	13°54	28°37	T 4
W 5	0 55 25	12° 0'31	1♏13	12°59	27° 3	20°53	10°46	15°38	6°37	29° 7	7° 1	19°57	20°48	14° 0	28°34	W 5
T 6	0 59 21	12°59'17	14°54	11°54	28° 8	21°33	10°51	15°43	6°39	29° 6	7° 1	19°R57	20°45	14° 7	28°32	T 6
F 7	1 3 18	13°58'06	28°16	10°50	29°13	22°12	10°55	15°49	6°42	29° 6	7°R 1	19°56	20°42	14°14	28°29	F 7
S 8	1 7 14	14°56'56	11♌20	9°50	0♏18	22°51	11° 0	15°54	6°45	29° 6	7° 1	19°53	20°39	14°20	28°26	S 8
S 9	1 11 11	15°55'49	24° 9	8°55	1°23	23°30	11° 4	15°59	6°47	29° 6	7° 1	19°48	20°35	14°27	28°24	S 9
M10	1 15 7	16°54'44	6♏45	8° 7	2°29	24°10	11° 8	16° 4	6°50	29° 6	7° 1	19°40	20°32	14°34	28°21	M10
T 11	1 19 4	17°53'40	19°10	7°27	3°35	24°49	11°11	16° 9	6°53	29°D 6	7° 1	19°30	20°29	14°40	28°18	T 11
W12	1 23 1	18°52'39	1♌25	6°56	4°41	25°29	11°15	16°14	6°55	29° 6	7° 1	19°18	20°26	14°47	28°16	W12
T 13	1 26 57	19°51'40	13°32	6°35	5°47	26° 8	11°18	16°19	6°58	29° 6	7° 1	19° 7	20°23	14°54	28°13	T 13
F 14	1 30 54	20°50'44	25°31	6°24	6°54	26°48	11°22	16°24	7° 1	29° 6	7° 1	18°56	20°19	15° 0	28°11	F 14
S 15	1 34 50	21°49'49	7♏24	6°D24	8° 1	27°27	11°25	16°28	7° 4	29° 6	7° 1	18°47	20°16	15° 7	28° 8	S 15
S 16	1 38 47	22°48'56	19°13	6°34	9° 8	28° 7	11°28	16°33	7° 7	29° 6	7° 1	18°40	20°13	15°14	28° 6	S 16
M17	1 42 43	23°48'05	1♌ 0	6°54	10°15	28°46	11°30	16°37	7°10	29° 7	7° 0	18°36	20°10	15°20	28° 3	M17
T 18	1 46 40	24°47'16	12°48	7°25	11°22	29°26	11°33	16°42	7°13	29° 7	7° 0	18°34	20° 7	15°27	28° 1	T 18
W19	1 50 36	25°46'28	24°41	8° 4	12°30	0♏ 6	11°35	16°46	7°16	29° 7	7° 0	18°D34	20° 4	15°34	27°59	W19
T 20	1 54 33	26°45'43	6♏42	8°52	13°38	0°45	11°37	16°51	7°19	29° 7	7° 0	18°35	20° 0	15°40	27°56	T 20
F 21	1 58 30	27°44'59	18°58	9°48	14°46	1°25	11°39	16°55	7°22	29° 8	6°59	18°36	19°57	15°47	27°54	F 21
S 22	2 2 26	28°44'17	1♌33	10°52	15°54	2° 5	11°41	16°59	7°25	29° 8	6°59	18°R37	19°54	15°54	27°52	S 22
S 23	2 6 23	29°43'37	14°32	12° 1	17° 2	2°45	11°42	17° 3	7°28	29° 8	6°59	18°35	19°51	16° 0	27°49	S 23
M24	2 10 19	0♏42'58	27°58	13°16	18°11	3°25	11°43	17° 7	7°31	29° 9	6°58	18°32	19°48	16° 7	27°47	M24
T 25	2 14 16	1°42'21	11♌54	14°36	19°19	4° 5	11°45	17°10	7°34	29° 9	6°58	18°27	19°45	16°14	27°45	T 25
W26	2 18 12	2°41'46	26°19	16° 0	20°28	4°45	11°45	17°14	7°38	29°10	6°57	18°21	19°41	16°20	27°43	W26
T 27	2 22 9	3°41'13	11♏ 9	17°28	21°37	5°25	11°46	17°18	7°41	29°10	6°57	18°14	19°38	16°27	27°41	T 27
F 28	2 26 5	4°40'41	26°17	18°59	22°46	6° 5	11°47	17°21	7°44	29°11	6°57	18° 7	19°35	16°34	27°38	F 28
S 29	2 30 2	5°40'11	11♌32	20°32	23°56	6°45	11°47	17°25	7°47	29°11	6°56	18° 2	19°32	16°40	27°36	S 29
S 30	2 33 59	6°39'44	26°46	22° 7	25° 5	7°25	11°R47	17°28	7°51	29°12	6°56	17°58	19°29	16°47	27°34	S 30
M31	2 37 55	7♏39'19	11♏47	23♌44	26♏15	8♏ 5	11♏47	17♌31	7♏54	29♏13	6♏55	17°D57	19♏25	16♏54	27♏32	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	3s12	9n 1	3s42	10s 5	3s39	12n51	1s 5	6s36	0n35	22n33	0s24	16n37	0n26	21s12	0n 7	19s44
S 2	3 35	14 34	2 41	9 33	3 28	12 35	1 0	6 52	0 34	22 33	0 24	16 35	0 26	21 13	0 7	19 44
M 3	3 58	19 10	1 30	8 57	3 16	12 19	0 54	7 7	0 34	22 32	0 24	16 34	0 26	21 13	0 7	19 44
T 4	4 21	22 30	0 15	8 19	3 1	12 3	0 49	7 22	0 33	22 32	0 24	16 32	0 26	21 13	0 7	19 44
W 5	4 44	24 21	1n 0	7 39	2 45	11 46	0 44	7 37	0 33	22 32	0 24	16 31	0 26	21 14	0 7	19 44
T 6	5 7	24 39	2 9	6 57	2 28	11 28	0 39	7 52	0 32	22 31	0 24	16 29	0 27	21 14	0 6	19 44
F 7	5 29	23 31	3 9	6 15	2 9	11 11	0 34	8 7	0 32	22 31	0 24	16 28	0 27	21 15	0 6	19 44
S 8	5 52	21 8	3 58	5 33	1 49	10 53	0 29	8 22	0 31	22 31	0 24	16 27	0 27	21 15	0 6	19 45
S 9	6 15	17 44	4 34	4 53	1 29	10 34	0 24	8 37	0 31	22 30	0 24	16 25	0 27	21 16	0 6	19 45
M10	6 37	13 35	4 56	4 16	1 9	10 15	0 19	8 52	0 30	22 30	0 23	16 24	0 27	21 16	0 6	19 45
T 11	7 0	8 56	5 3	3 41	0 48	9 56	0 14	9 7	0 30	22 30	0 23	16 22	0 27	21 17	0 6	19 45
W12	7 22	3 59	4 57	3 11	0 28	9 37	0 10	9 22	0 29	22 29	0 23	16 21	0 27	21 17	0 6	19 45
T 13	7 44	1s 4	4 37	2 45	0 9	9 17	0 5	9 37	0 29	22 29	0 23	16 20	0 28	21 18	0 6	19 45
F 14	8 7	6 2	4 5	2 24	0n 9	8 57	0 0	9 51	0 28	22 29	0 23	16 18	0 28	21 18	0 6	19 45
S 15	8 29	10 45	3 22	2 8	0 26	8 36	0n 4	10 6	0 28	22 29	0 23	16 17	0 28	21 18	0 6	19 45
S 16	8 51	15 3	2 31	1 58	0 42	8 15	0 9	10 21	0 27	22 29	0 23	16 16	0 28	21 19	0 6	19 45
M17	9 12	18 46	1 33	1 53	0 56	7 54	0 13	10 35	0 27	22 28	0 23	16 15	0 28	21 19	0 6	19 45
T 18	9 34	21 44	0 31	1 53	1 9	7 32	0 17	10 50	0 26	22 28	0 23	16 13	0 28	21 20	0 6	19 45
W19	9 56	23 48	0s33	1 58	1 20	7 11	0 21	11 4	0 26	22 28	0 23	16 12	0 28	21 20	0 6	19 45
T 20	10 17	24 47	1 36	2 8	1 30	6 48	0 25	11 18	0 25	22 28	0 23	16 11	0 28	21 21	0 6	19 45
F 21	10 38	24 36	2 37	2 22	1 38	6 26	0 29	11 33	0 24	22 28	0 23	16 10	0 29	21 22	0 6	19 45
S 22	10 59	23 10	3 31	2 40	1 45	6 3	0 33	11 47	0 24	22 28	0 23	16 9	0 29	21 22	0 6	19 45
S 23	11 20	20 30	4 16	3 2	1 51	5 41	0 37	12 1	0 23	22 28	0 23	16 8	0 29	21 23	0 6	19 44
M24	11 41	16 39	4 49	3 27	1 55	5 17	0 41	12 15	0 23	22 28	0 23	16 7	0 29	21 23	0 6	19 44
T 25	12 2	11 48	5 7	3 55	1 58	4 54	0 45	12 29	0 22	22 28	0 23	16 6	0 29	21 24	0 6	19 44
W26	12 22	6 8	5 6	4 25	2 0	4 30	0 48	12 43	0 22	22 28	0 23	16 5	0 29	21 24	0 6	19 44
T 27	12 42	0n 2	4 45	4 58	2 1	4 6	0 52	12 57	0 21	22 27	0 23	16 4	0 29	21 25	0 6	19 44
F 28	13 2	6 19	4 3	5 32	2 1	3 42	0 55	13 10	0 21	22 28	0 23	16 3	0 30	21 25	0 6	19 44
S 29	13 22	12 19	3 4	6 8	2 1	3 18	0 59	13 24	0 20	22 28	0 23	16 2	0 30	21 26	0 6	19 44
S 30	13 42	17 32	1 53	6 44	1 59	2 54	1 2	13 38	0 20	22 28	0 23	16 1	0 30	21 26	0 6	19 44
M31	14s 1	21n34	0s33	7s22	1n57	2n29	1n 5	13s51	0n19	22n28	0s23	16n 0	0n30	21s27	0n 6	19s44

Julian Day Number = 2690321.5, Delta T = 23m51s  
Ecliptic obliquity = 23°21'18, Nutation = - 0°00'18  
Ayanamsha: Fagan/Bradley = 33°53'07, Lahiri = 33°00'07

# ASTRODIENST EPHEMERIS for the year 2653

NOVEMBER 2653

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 41 52	8♈38'56	26♈28	25♈22	27♈25	8♈45	11°R47	17♈34	7♈57	29♈13	6°R55	17♈57	19♈22	17♈0	27°R31	T 1
W 2	2 45 48	9°38'35	10♈45	27° 1	28°35	9°25	11♈46	17°37	8° 1	29°14	6♈54	17°58	19°19	17° 7	27°R29	W 2
T 3	2 49 45	10°38'16	24°36	28°40	29°45	10° 6	11°46	17°40	8° 4	29°15	6°53	17°59	19°16	17°14	27°27	T 3
F 4	2 53 41	11°38'00	8♈ 1	0♈21	0♈55	10°46	11°45	17°43	8° 7	29°16	6°53	18°R 0	19°13	17°20	27°25	F 4
S 5	2 57 38	12°37'45	21° 4	2° 1	2° 5	11°26	11°44	17°46	8°11	29°16	6°52	18° 0	19°10	17°27	27°23	S 5
S 6	3 1 34	13°37'33	3♈48	3°42	3°16	12° 7	11°42	17°49	8°14	29°17	6°52	17°58	19° 6	17°34	27°22	S 6
M 7	3 5 31	14°37'23	16°15	5°22	4°27	12°47	11°41	17°51	8°18	29°18	6°51	17°55	19° 3	17°40	27°20	M 7
T 8	3 9 28	15°37'16	28°29	7° 3	5°37	13°28	11°39	17°54	8°21	29°19	6°50	17°50	19° 0	17°47	27°18	T 8
W 9	3 13 24	16°37'10	10♈34	8°44	6°48	14° 8	11°37	17°56	8°25	29°20	6°50	17°44	18°57	17°54	27°17	W 9
T 10	3 17 21	17°37'06	22°31	10°24	7°59	14°49	11°35	17°58	8°28	29°21	6°49	17°39	18°54	18° 0	27°15	T 10
F 11	3 21 17	18°37'05	4♈23	12° 4	9°10	15°30	11°33	18° 0	8°32	29°22	6°48	17°33	18°50	18° 7	27°14	F 11
S 12	3 25 14	19°37'05	16°12	13°44	10°22	16°10	11°30	18° 2	8°35	29°23	6°48	17°29	18°47	18°14	27°12	S 12
S 13	3 29 10	20°37'07	28° 1	15°23	11°33	16°51	11°28	18° 4	8°39	29°24	6°47	17°26	18°44	18°20	27°11	S 13
M14	3 33 7	21°37'11	9♈50	17° 2	12°45	17°32	11°25	18° 6	8°43	29°25	6°46	17°25	18°41	18°27	27°10	M14
T 15	3 37 3	22°37'17	21°42	18°41	13°56	18°12	11°22	18° 8	8°46	29°26	6°45	17°D24	18°38	18°34	27° 8	T 15
W16	3 41 0	23°37'25	3♈40	20°19	15° 8	18°53	11°18	18° 9	8°50	29°28	6°44	17°25	18°35	18°40	27° 7	W16
T 17	3 44 57	24°37'34	15°47	21°57	16°20	19°34	11°15	18°11	8°53	29°29	6°44	17°27	18°31	18°47	27° 6	T 17
F 18	3 48 53	25°37'45	28° 6	23°34	17°32	20°15	11°11	18°12	8°57	29°30	6°43	17°29	18°28	18°54	27° 5	F 18
S 19	3 52 50	26°37'57	10♈41	25°11	18°44	20°56	11° 7	18°13	9° 1	29°31	6°42	17°30	18°25	19° 0	27° 4	S 19
S 20	3 56 46	27°38'11	23°37	26°48	19°56	21°37	11° 3	18°14	9° 4	29°32	6°41	17°R31	18°22	19° 7	27° 3	S 20
M21	4 0 43	28°38'26	6♈55	28°25	21° 8	22°18	10°59	18°15	9° 8	29°34	6°40	17°30	18°19	19°14	27° 2	M21
T 22	4 4 39	29°38'42	20°40	0♈ 1	22°20	22°59	10°55	18°16	9°12	29°35	6°39	17°29	18°16	19°20	27° 1	T 22
W23	4 8 36	0♈39'00	4♈51	1°36	23°32	23°40	10°50	18°17	9°15	29°36	6°38	17°28	18°12	19°27	27° 0	W23
T 24	4 12 32	1°39'19	19°57	3°12	24°45	24°21	10°45	18°18	9°19	29°38	6°37	17°26	18° 9	19°34	26°59	T 24
F 25	4 16 29	2°39'40	4♈23	4°47	25°57	25° 2	10°40	18°18	9°23	29°39	6°36	17°24	18° 6	19°40	26°58	F 25
S 26	4 20 26	3°40'02	19°33	6°22	27°10	25°44	10°35	18°19	9°27	29°41	6°36	17°22	18° 3	19°47	26°58	S 26
S 27	4 24 22	4°40'26	4♈46	7°56	28°23	26°25	10°30	18°19	9°30	29°42	6°35	17°21	18° 0	19°54	26°57	S 27
M28	4 28 19	5°40'51	19°52	9°31	29°35	27° 6	10°25	18°19	9°34	29°44	6°34	17°D21	17°56	20° 0	26°56	M28
T 29	4 32 15	6°41'18	4♈44	11° 5	0♈48	27°48	10°19	18°19	9°38	29°45	6°33	17°21	17°53	20° 7	26°56	T 29
W30	4 36 12	7°41'47	19♈14	12♈39	2♈ 1	28♈29	10♈13	18°R19	9°41	29♈47	6♈32	17♈22	17♈50	20♈14	26♈55	W30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	14s20	24n 5	0n46	8s 0	1n54	2n 4	1n 8	14s 4	0n19	22n28	0s22	15n59	0n30	21s27	0n 6	19s44
W 2	14 39	24 56	2 1	8 39	1 51	1 39	1 11	14 18	0 18	22 28	0 22	15 59	0 30	21 28	0 6	19 44
T 3	14 58	24 11	3 6	9 18	1 47	1 14	1 14	14 31	0 18	22 28	0 22	15 58	0 30	21 28	0 6	19 43
F 4	15 16	22 3	3 59	9 57	1 42	0 49	1 17	14 44	0 17	22 28	0 22	15 57	0 31	21 29	0 6	19 43
S 5	15 34	18 49	4 38	10 36	1 38	0 23	1 20	14 57	0 16	22 28	0 22	15 57	0 31	21 30	0 6	19 43
S 6	15 52	14 47	5 3	11 15	1 32	0s 2	1 22	15 10	0 16	22 28	0 22	15 56	0 31	21 30	0 6	19 43
M 7	16 10	10 12	5 12	11 54	1 27	0 28	1 25	15 23	0 15	22 29	0 22	15 55	0 31	21 31	0 6	19 43
T 8	16 28	5 17	5 7	12 32	1 21	0 54	1 27	15 35	0 15	22 29	0 22	15 55	0 31	21 31	0 6	19 43
W 9	16 45	0 15	4 48	13 10	1 15	1 19	1 29	15 48	0 14	22 29	0 22	15 54	0 31	21 32	0 6	19 43
T 10	17 2	4s45	4 17	13 47	1 9	1 45	1 32	16 0	0 14	22 29	0 22	15 54	0 32	21 32	0 6	19 42
F 11	17 18	9 34	3 34	14 24	1 3	2 11	1 34	16 13	0 13	22 30	0 22	15 53	0 32	21 33	0 6	19 42
S 12	17 35	14 1	2 43	15 0	0 57	2 37	1 36	16 25	0 13	22 30	0 22	15 53	0 32	21 34	0 6	19 42
S 13	17 51	17 57	1 45	15 36	0 50	3 3	1 38	16 37	0 12	22 30	0 22	15 52	0 32	21 34	0 6	19 42
M14	18 6	21 10	0 42	16 10	0 43	3 29	1 39	16 49	0 11	22 30	0 22	15 52	0 32	21 35	0 6	19 42
T 15	18 22	23 29	0s24	16 44	0 37	3 55	1 41	17 1	0 11	22 31	0 22	15 51	0 32	21 35	0 6	19 41
W16	18 37	24 47	1 28	17 17	0 30	4 21	1 43	17 13	0 10	22 31	0 22	15 51	0 32	21 36	0 6	19 41
T 17	18 52	24 55	2 30	17 49	0 23	4 48	1 44	17 24	0 10	22 31	0 21	15 51	0 33	21 36	0 6	19 41
F 18	19 6	23 50	3 26	18 20	0 16	5 14	1 46	17 36	0 9	22 32	0 21	15 50	0 33	21 37	0 6	19 41
S 19	19 20	21 33	4 13	18 51	0 9	5 40	1 47	17 47	0 9	22 32	0 21	15 50	0 33	21 38	0 6	19 41
S 20	19 34	18 9	4 49	19 20	0 3	6 5	1 48	17 58	0 8	22 33	0 21	15 50	0 33	21 38	0 6	19 40
M21	19 47	13 45	5 11	19 48	0s 4	6 31	1 50	18 10	0 7	22 33	0 21	15 50	0 33	21 39	0 6	19 40
T 22	20 0	8 31	5 16	20 16	0 11	6 57	1 51	18 21	0 7	22 34	0 21	15 50	0 33	21 39	0 6	19 40
W23	20 13	2 42	5 2	20 42	0 18	7 23	1 52	18 31	0 6	22 34	0 21	15 50	0 34	21 40	0 6	19 40
T 24	20 25	3n26	4 28	21 7	0 24	7 48	1 52	18 42	0 6	22 34	0 21	15 50	0 34	21 40	0 6	19 39
F 25	20 37	9 32	3 36	21 31	0 31	8 14	1 53	18 53	0 5	22 35	0 21	15 50	0 34	21 41	0 6	19 39
S 26	20 49	15 11	2 28	21 55	0 37	8 39	1 54	19 3	0 5	22 35	0 21	15 50	0 34	21 41	0 6	19 39
S 27	21 0	19 53	1 9	22 17	0 44	9 5	1 54	19 13	0 4	22 36	0 21	15 50	0 34	21 42	0 6	19 38
M28	21 11	23 12	0n14	22 37	0 50	9 30	1 55	19 23	0 3	22 36	0 21	15 50	0 34	21 43	0 6	19 38
T 29	21 21	24 51	1 35	22 57	0 56	9 55	1 55	19 33	0 3	22 37	0 20	15 50	0 34	21 43	0 6	19 38
W30	21s31	24n45	2n48	23s16	1s 2	10s19	1n56	19s43	0n 2	22n37	0s20	15n50	0n35	21s44	0n 6	19s38

Julian Day Number = 2690352.5, Delta T = 23m51s  
 Ecliptic obliquity = 23°21'18, Nutation = - 0°00'18  
 Ayanamsha: Fagan/Bradley = 33°53'11, Lahiri = 33°00'11

## ASTRODIENST EPHEMERIS for the year 2653

DECEMBER 2653

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 40 8	8°42'17	3♂18	14♂12	3♂14	29♂10	10°R 8	18°R19	9♂45	29♂48	6°R31	17♂23	17♂47	20♂20	26°R55	T 1
F 2	4 44 5	9°42'49	16°54	15°46	4°27	29°52	10♂ 1	18♂19	9°49	29°50	6°R30	17°24	17°44	20°27	26°R55	F 2
S 3	4 48 2	10°43'29	0♂ 4	17°19	5°40	0♂33	9°55	18°19	9°53	29°51	6°28	17°24	17°41	20°34	26°54	S 3
S 4	4 51 58	11°43'59	12°51	18°52	6°54	1°15	9°49	18°18	9°56	29°53	6°27	17°R24	17°37	20°40	26°54	S 4
M 5	4 55 55	12°44'36	25°17	20°25	8° 7	1°57	9°43	18°18	10° 0	29°55	6°26	17°24	17°34	20°47	26°54	M 5
T 6	4 59 51	13°45'14	7♂28	21°58	9°20	2°38	9°36	18°17	10° 4	29°56	6°25	17°24	17°31	20°54	26°54	T 6
W 7	5 3 48	14°45'55	19°27	23°31	10°34	3°20	9°29	18°16	10° 7	29°58	6°24	17°23	17°28	21° 0	26°54	W 7
T 8	5 7 44	15°46'37	1♂20	25° 3	11°47	4° 2	9°22	18°15	10°11	29°59	6°23	17°23	17°25	21° 7	26°D54	T 8
F 9	5 11 41	16°47'20	13° 8	26°36	13° 1	4°44	9°15	18°14	10°15	0♂ 2	6°22	17°23	17°22	21°14	26°54	F 9
S 10	5 15 37	17°48'05	24°56	28° 8	14°14	5°25	9° 8	18°13	10°19	0° 3	6°21	17°D23	17°18	21°20	26°54	S 10
S 11	5 19 34	18°48'51	6♂46	29°40	15°28	6° 7	9° 1	18°12	10°22	0° 5	6°20	17°23	17°15	21°27	26°54	S 11
M12	5 23 30	19°49'39	18°41	1♂12	16°42	6°49	8°54	18°11	10°26	0° 7	6°19	17°R23	17°12	21°34	26°54	M12
T 13	5 27 27	20°50'27	0♂42	2°44	17°55	7°31	8°46	18° 9	10°30	0° 9	6°18	17°23	17° 9	21°40	26°55	T 13
W14	5 31 24	21°51'17	12°52	4°16	19° 9	8°13	8°39	18° 8	10°33	0°11	6°16	17°23	17° 6	21°47	26°55	W14
T 15	5 35 20	22°52'08	25°12	5°48	20°23	8°55	8°31	18° 6	10°37	0°13	6°15	17°22	17° 2	21°54	26°55	T 15
F 16	5 39 17	23°53'00	7♂43	7°19	21°37	9°37	8°24	18° 4	10°41	0°15	6°14	17°21	16°59	22° 0	26°56	F 16
S 17	5 43 13	24°53'53	20°28	8°50	22°51	10°19	8°16	18° 2	10°44	0°17	6°13	17°20	16°56	22° 7	26°56	S 17
S 18	5 47 10	25°54'46	3♂29	10°21	24° 5	11° 2	8° 8	18° 0	10°48	0°18	6°12	17°19	16°53	22°14	26°57	S 18
M19	5 51 6	26°55'40	16°47	11°51	25°19	11°44	8° 0	17°58	10°52	0°20	6°11	17°19	16°50	22°20	26°57	M19
T 20	5 55 3	27°56'35	0♂25	13°21	26°33	12°26	7°52	17°56	10°55	0°22	6° 9	17°D19	16°47	22°27	26°58	T 20
W21	5 59 0	28°57'30	14°22	14°51	27°47	13° 8	7°44	17°54	10°59	0°24	6° 8	17°19	16°43	22°34	26°59	W21
T 22	6 2 56	29°58'26	28°38	16°20	29° 1	13°51	7°36	17°51	11° 2	0°26	6° 7	17°20	16°40	22°40	27° 0	T 22
F 23	6 6 53	0♂59'23	13♂12	17°48	0♂15	14°33	7°28	17°49	11° 6	0°28	6° 6	17°21	16°37	22°47	27° 0	F 23
S 24	6 10 49	2° 0'20	27°59	19°15	1°29	15°16	7°20	17°46	11° 9	0°31	6° 5	17°22	16°34	22°54	27° 1	S 24
S 25	6 14 46	3° 1'18	12♂53	20°41	2°44	15°58	7°12	17°44	11°13	0°33	6° 4	17°R23	16°31	23° 0	27° 2	S 25
M26	6 18 42	4° 2'16	27°47	22° 6	3°58	16°41	7° 4	17°41	11°17	0°35	6° 2	17°22	16°28	23° 7	27° 3	M26
T 27	6 22 39	5° 3'15	12♂34	23°30	5°12	17°23	6°56	17°38	11°20	0°37	6° 1	17°21	16°24	23°13	27° 4	T 27
W28	6 26 35	6° 4'15	27° 4	24°52	6°26	18° 6	6°48	17°35	11°23	0°39	6° 0	17°19	16°21	23°20	27° 5	W28
T 29	6 30 32	7° 5'16	11♂14	26°12	7°41	18°48	6°40	17°32	11°27	0°41	5°59	17°17	16°18	23°27	27° 7	T 29
F 30	6 34 29	8° 6'17	24°58	27°29	8°55	19°31	6°31	17°29	11°30	0°43	5°58	17°13	16°15	23°33	27° 8	F 30
S 31	6 38 25	9♂ 7'19	8♂16	28♂44	10♂10	20♂14	6♂23	17♂25	11♂34	0♂45	5♂57	17♂11	16♂12	23♂40	27♂ 9	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	21s41	23n 3	3n48	23s33	1s 8	10s44	1n56	19s53	0n 2	22n38	0s20	15n50	0n35	21s44	0n 6	19s37
F 2	21 50	20 4	4 34	23 49	1 14	11 8	1 56	20 2	0 1	22 39	0 20	15 50	0 35	21 45	0 6	19 37
S 3	21 58	16 8	5 3	24 4	1 19	11 33	1 56	20 11	0 1	22 39	0 20	15 51	0 35	21 45	0 6	19 37
S 4	22 7	11 35	5 17	24 18	1 25	11 56	1 56	20 20	0s 0	22 40	0 20	15 51	0 35	21 46	0 6	19 36
M 5	22 15	6 41	5 15	24 31	1 30	12 20	1 56	20 29	0 1	22 40	0 20	15 51	0 35	21 47	0 6	19 36
T 6	22 22	1 37	4 59	24 42	1 35	12 44	1 55	20 38	0 1	22 41	0 20	15 52	0 36	21 47	0 6	19 36
W 7	22 29	3s26	4 29	24 52	1 40	13 7	1 55	20 47	0 2	22 41	0 20	15 52	0 36	21 48	0 6	19 35
T 8	22 36	8 18	3 49	25 0	1 45	13 30	1 55	20 55	0 2	22 42	0 20	15 52	0 36	21 48	0 6	19 35
F 9	22 42	12 52	2 59	25 8	1 49	13 52	1 54	21 3	0 3	22 43	0 19	15 53	0 36	21 49	0 6	19 35
S 10	22 48	16 58	2 2	25 14	1 53	14 15	1 54	21 11	0 4	22 43	0 19	15 53	0 36	21 49	0 6	19 34
S 11	22 53	20 24	0 59	25 18	1 57	14 37	1 53	21 19	0 4	22 44	0 19	15 54	0 36	21 50	0 6	19 34
M12	22 58	23 0	0s 7	25 22	2 1	14 58	1 52	21 27	0 5	22 44	0 19	15 54	0 37	21 50	0 6	19 33
T 13	23 2	24 35	1 13	25 24	2 4	15 20	1 51	21 35	0 5	22 45	0 19	15 55	0 37	21 51	0 6	19 33
W14	23 6	25 0	2 17	25 24	2 7	15 41	1 51	21 42	0 6	22 46	0 19	15 56	0 37	21 51	0 6	19 33
T 15	23 10	24 13	3 15	25 24	2 10	16 1	1 50	21 49	0 7	22 46	0 19	15 56	0 37	21 52	0 6	19 32
F 16	23 13	22 13	4 5	25 21	2 12	16 21	1 49	21 56	0 7	22 47	0 19	15 57	0 37	21 52	0 6	19 32
S 17	23 15	19 5	4 43	25 18	2 14	16 41	1 47	22 3	0 8	22 47	0 19	15 58	0 37	21 53	0 6	19 32
S 18	23 18	14 59	5 8	25 13	2 16	17 1	1 46	22 9	0 8	22 48	0 18	15 59	0 38	21 53	0 6	19 31
M19	23 19	10 4	5 17	25 7	2 17	17 19	1 45	22 16	0 9	22 49	0 18	15 59	0 38	21 54	0 6	19 31
T 20	23 20	4 34	5 9	24 59	2 18	17 38	1 44	22 22	0 10	22 49	0 18	16 0	0 38	21 55	0 6	19 30
W21	23 21	1n18	4 43	24 50	2 19	17 56	1 42	22 28	0 10	22 50	0 18	16 1	0 38	21 55	0 6	19 30
T 22	23 21	7 14	3 59	24 39	2 18	18 14	1 41	22 34	0 11	22 50	0 18	16 2	0 38	21 56	0 6	19 30
F 23	23 21	12 54	2 58	24 27	2 18	18 31	1 39	22 39	0 12	22 51	0 18	16 3	0 38	21 56	0 6	19 29
S 24	23 20	17 56	1 45	24 14	2 17	18 48	1 38	22 45	0 12	22 52	0 18	16 4	0 38	21 57	0 6	19 29
S 25	23 19	21 51	0 25	23 59	2 15	19 4	1 36	22 50	0 13	22 52	0 17	16 5	0 39	21 57	0 6	19 28
M26	23 18	24 18	0n57	23 44	2 12	19 19	1 34	22 55	0 13	22 53	0 17	16 6	0 39	21 58	0 6	19 28
T 27	23 16	25 0	2 15	23 27	2 9	19 35	1 32	22 59	0 14	22 53	0 17	16 7	0 39	21 58	0 6	19 27
W28	23 13	23 59	3 22	23 8	2 6	19 49	1 31	23 4	0 15	22 54	0 17	16 8	0 39	21 58	0 6	19 27
T 29	23 10	21 26	4 15	22 49	2 1	20 3	1 29	23 8	0 15	22 54	0 17	16 9	0 39	21 59	0 6	19 27
F 30	23 6	17 44	4 52	22 29	1 56	20 17	1 27	23 12	0 16	22 55	0 17	16 10	0 39	21 59	0 6	19 26
S 31	23s 3	13n15	5n12	22s 8	1s50	20s30	1n25	23s16	0s16	22n55	0s17	16n11	0n40	22s 0	0n 6	19s26

Julian Day Number = 2690382.5, Delta T = 23m52s  
Ecliptic obliquity = 23°21'17, Nutation = - 0°00'18  
Ayanamsha: Fagan/Bradley = 33°53'15, Lahiri = 33°00'15

## ASTRODIENST EPHEMERIS for the year 2654

JANUARY 2654

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 42 22	10° 8' 22"	21° 9'	29° 56'	11° 24'	20° 57'	6° 15'	17° 22'	11° 37'	0° 47'	5° 55'	17° 8'	16° 8'	23° 47'	27° 10'	S 1
M 2	6 46 18	11° 9' 26"	3° 40'	1° 3'	12° 39'	21° 39'	6° 7'	17° 19'	11° 41'	0° 50'	5° 54'	17° 11'	16° 5'	23° 53'	27° 12'	M 2
T 3	6 50 15	12° 10' 30"	15° 52'	2° 7'	13° 53'	22° 22'	5° 59'	17° 15'	11° 44'	0° 52'	5° 53'	17° 10'	16° 2'	24° 0'	27° 13'	T 3
W 4	6 54 11	13° 11' 36"	27° 52'	3° 5'	15° 8'	23° 5'	5° 51'	17° 12'	11° 47'	0° 54'	5° 52'	17° 8'	15° 59'	24° 7'	27° 15'	W 4
T 5	6 58 8	14° 12' 41"	9° 42'	3° 58'	16° 22'	23° 48'	5° 43'	17° 8'	11° 51'	0° 56'	5° 51'	17° 9'	15° 56'	24° 13'	27° 16'	T 5
F 6	7 2 4	15° 13' 48"	21° 30'	4° 44'	17° 37'	24° 31'	5° 35'	17° 4'	11° 54'	0° 58'	5° 49'	17° 11'	15° 53'	24° 20'	27° 18'	F 6
S 7	7 6 1	16° 14' 55"	3° 18'	5° 22'	18° 51'	25° 14'	5° 27'	17° 0'	11° 57'	1° 0'	5° 48'	17° 13'	15° 49'	24° 27'	27° 20'	S 7
S 8	7 9 58	17° 16' 02"	15° 12'	5° 53'	20° 6'	25° 57'	5° 19'	16° 57'	12° 0'	1° 3'	5° 47'	17° 14'	15° 46'	24° 33'	27° 21'	S 8
M 9	7 13 54	18° 17' 10"	27° 14'	6° 14'	21° 21'	26° 40'	5° 11'	16° 53'	12° 3'	1° 5'	5° 46'	17° 13'	15° 43'	24° 40'	27° 23'	M 9
T 10	7 17 51	19° 18' 19"	9° 26'	6° 24'	22° 35'	27° 24'	5° 4'	16° 49'	12° 7'	1° 7'	5° 45'	17° 11'	15° 40'	24° 47'	27° 25'	T 10
W 11	7 21 47	20° 19' 27"	21° 52'	6° 24'	23° 50'	28° 7'	4° 56'	16° 45'	12° 10'	1° 9'	5° 44'	17° 7'	15° 37'	24° 53'	27° 27'	W 11
T 12	7 25 44	21° 20' 36"	4° 30'	6° 12'	25° 5'	28° 50'	4° 49'	16° 40'	12° 13'	1° 12'	5° 43'	17° 2'	15° 34'	25° 0'	27° 29'	T 12
F 13	7 29 40	22° 21' 44"	17° 23'	5° 49'	26° 20'	29° 33'	4° 41'	16° 36'	12° 16'	1° 14'	5° 41'	16° 56'	15° 30'	25° 7'	27° 31'	F 13
S 14	7 33 37	23° 22' 53"	0° 28'	5° 14'	27° 34'	0° 17'	4° 34'	16° 32'	12° 19'	1° 16'	5° 40'	16° 49'	15° 27'	25° 13'	27° 33'	S 14
S 15	7 37 34	24° 24' 01"	13° 46'	4° 27'	28° 49'	1° 0'	4° 26'	16° 28'	12° 22'	1° 18'	5° 39'	16° 43'	15° 24'	25° 20'	27° 35'	S 15
M 16	7 41 30	25° 25' 09"	27° 17'	3° 30'	0° 4'	1° 43'	4° 19'	16° 23'	12° 25'	1° 21'	5° 38'	16° 39'	15° 21'	25° 27'	27° 37'	M 16
T 17	7 45 27	26° 26' 17"	10° 58'	2° 24'	1° 19'	2° 27'	4° 12'	16° 19'	12° 28'	1° 23'	5° 37'	16° 36'	15° 18'	25° 33'	27° 39'	T 17
W 18	7 49 23	27° 27' 24"	24° 51'	1° 10'	2° 34'	3° 10'	4° 5'	16° 14'	12° 31'	1° 25'	5° 36'	16° 34'	15° 14'	25° 40'	27° 41'	W 18
T 19	7 53 20	28° 28' 31"	8° 54'	29° 53'	3° 48'	3° 54'	3° 59'	16° 10'	12° 34'	1° 28'	5° 35'	16° 35'	15° 11'	25° 47'	27° 43'	T 19
F 20	7 57 16	29° 29' 38"	23° 8'	28° 32'	5° 3'	4° 37'	3° 52'	16° 5'	12° 37'	1° 30'	5° 34'	16° 36'	15° 8'	25° 53'	27° 46'	F 20
S 21	8 1 13	0° 30' 44"	7° 11'	27° 12'	6° 18'	5° 21'	3° 45'	16° 0'	12° 39'	1° 32'	5° 33'	16° 37'	15° 5'	26° 0'	27° 48'	S 21
S 22	8 5 9	1° 31' 49"	21° 56'	25° 55'	7° 33'	6° 5'	3° 39'	15° 56'	12° 42'	1° 34'	5° 32'	16° 37'	15° 2'	26° 7'	27° 50'	S 22
M 23	8 9 6	2° 32' 54"	6° 24'	24° 43'	8° 48'	6° 48'	3° 33'	15° 51'	12° 45'	1° 37'	5° 31'	16° 36'	14° 59'	26° 13'	27° 53'	M 23
T 24	8 13 3	3° 33' 59"	20° 48'	23° 38'	10° 3'	7° 32'	3° 26'	15° 46'	12° 48'	1° 39'	5° 30'	16° 32'	14° 55'	26° 20'	27° 55'	T 24
W 25	8 16 59	4° 35' 03"	5° 3'	22° 41'	11° 17'	8° 16'	3° 20'	15° 42'	12° 50'	1° 41'	5° 29'	16° 26'	14° 52'	26° 26'	27° 58'	W 25
T 26	8 20 56	5° 36' 07"	19° 3'	21° 53'	12° 32'	9° 0'	3° 15'	15° 37'	12° 53'	1° 43'	5° 28'	16° 18'	14° 49'	26° 33'	28° 0'	T 26
F 27	8 24 52	6° 37' 11"	2° 44'	21° 14'	13° 47'	9° 44'	3° 9'	15° 32'	12° 55'	1° 46'	5° 27'	16° 9'	14° 46'	26° 40'	28° 3'	F 27
S 28	8 28 49	7° 38' 14"	16° 2'	20° 45'	15° 2'	10° 27'	3° 3'	15° 27'	12° 58'	1° 48'	5° 26'	16° 0'	14° 43'	26° 46'	28° 5'	S 28
S 29	8 32 45	8° 39' 16"	28° 57'	20° 26'	16° 17'	11° 11'	2° 58'	15° 22'	13° 1'	1° 50'	5° 25'	15° 52'	14° 40'	26° 53'	28° 8'	S 29
M 30	8 36 42	9° 40' 19"	11° 31'	20° 15'	17° 32'	11° 55'	2° 53'	15° 17'	13° 3'	1° 52'	5° 24'	15° 46'	14° 36'	27° 0'	28° 11'	M 30
T 31	8 40 38	10° 41' 21"	23° 47'	20° 14'	18° 47'	12° 39'	2° 48'	15° 13'	13° 5'	1° 55'	5° 23'	15° 42'	14° 33'	27° 6'	28° 13'	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	22s58	8n19	5n15	21s46	1s43	20s42	1n23	23s20	0s17	22n56	0s16	16n12	0n40	22s 0	0n 6	19s25
M 2	22 53	3 11	5 2	21 23	1 34	20 54	1 21	23 23	0 18	22 57	0 16	16 13	0 40	22 1	0 6	19 25
T 3	22 48	1s58	4 37	21 0	1 25	21 5	1 18	23 27	0 18	22 57	0 16	16 15	0 40	22 1	0 6	19 24
W 4	22 42	6 57	3 59	20 37	1 15	21 16	1 16	23 29	0 19	22 58	0 16	16 16	0 40	22 2	0 6	19 24
T 5	22 36	11 38	3 12	20 14	1 4	21 26	1 14	23 32	0 20	22 58	0 16	16 17	0 40	22 2	0 6	19 23
F 6	22 29	15 52	2 17	19 51	0 52	21 35	1 12	23 35	0 20	22 59	0 16	16 18	0 40	22 3	0 6	19 23
S 7	22 22	19 30	1 16	19 29	0 38	21 44	1 9	23 37	0 21	22 59	0 16	16 20	0 41	22 3	0 6	19 23
S 8	22 15	22 21	0 11	19 7	0 24	21 52	1 7	23 39	0 22	22 59	0 15	16 21	0 41	22 4	0 6	19 22
M 9	22 7	24 14	0s55	18 47	0 8	22 0	1 5	23 41	0 22	23 0	0 15	16 22	0 41	22 4	0 6	19 22
T 10	21 58	25 0	1 59	18 28	0n 9	22 7	1 2	23 43	0 23	23 0	0 15	16 24	0 41	22 4	0 6	19 21
W 11	21 49	24 31	2 58	18 11	0 27	22 13	1 0	23 44	0 23	23 1	0 15	16 25	0 41	22 5	0 6	19 21
T 12	21 40	22 47	3 50	17 56	0 45	22 19	0 57	23 45	0 24	23 1	0 15	16 26	0 41	22 5	0 6	19 20
F 13	21 30	19 52	4 31	17 43	1 4	22 23	0 55	23 46	0 25	23 2	0 15	16 28	0 41	22 6	0 6	19 20
S 14	21 20	15 55	4 58	17 33	1 23	22 28	0 52	23 47	0 25	23 2	0 15	16 29	0 42	22 6	0 5	19 19
S 15	21 10	11 8	5 10	17 25	1 42	22 31	0 50	23 47	0 26	23 2	0 14	16 31	0 42	22 6	0 5	19 19
M 16	20 59	5 45	5 5	17 21	2 1	22 34	0 47	23 47	0 27	23 3	0 14	16 32	0 42	22 7	0 5	19 18
T 17	20 47	0 1	4 43	17 18	2 19	22 36	0 45	23 47	0 27	23 3	0 14	16 34	0 42	22 7	0 5	19 18
W 18	20 36	5n48	4 4	17 19	2 35	22 38	0 42	23 47	0 28	23 4	0 14	16 35	0 42	22 8	0 5	19 17
T 19	20 24	11 25	3 10	17 21	2 49	22 39	0 39	23 46	0 29	23 4	0 14	16 36	0 42	22 8	0 5	19 17
F 20	20 11	16 29	2 4	17 26	3 1	22 39	0 37	23 46	0 29	23 4	0 14	16 38	0 42	22 8	0 5	19 16
S 21	19 58	20 40	0 49	17 32	3 10	22 38	0 34	23 45	0 30	23 5	0 13	16 39	0 42	22 9	0 5	19 16
S 22	19 45	23 35	0n29	17 39	3 17	22 37	0 31	23 43	0 30	23 5	0 13	16 41	0 43	22 9	0 5	19 15
M 23	19 31	24 57	1 45	17 48	3 22	22 35	0 29	23 42	0 31	23 5	0 13	16 42	0 43	22 9	0 5	19 15
T 24	19 17	24 37	2 54	17 57	3 24	22 33	0 26	23 40	0 32	23 6	0 13	16 44	0 43	22 10	0 5	19 14
W 25	19 3	22 40	3 51	18 6	3 24	22 29	0 23	23 38	0 32	23 6	0 13	16 46	0 43	22 10	0 5	19 14
T 26	18 48	19 23	4 33	18 16	3 21	22 26	0 21	23 36	0 33	23 6	0 13	16 47	0 43	22 10	0 5	19 13
F 27	18 33	15 6	4 59	18 26	3 17	22 21	0 18	23 34	0 34	23 7	0 12	16 49	0 43	22 11	0 5	19 13
S 28	18 18	10 12	5 7	18 36	3 11	22 16	0 15	23 31	0 34	23 7	0 12	16 50	0 43	22 11	0 5	19 12
S 29	18 2	4 59	4 59	18 46	3 4	22 10	0 12	23 28	0 35	23 7	0 12	16 52	0 43	22 11	0 5	19 12
M 30	17 46	0s18	4 37	18 56	2 56	22 3	0 10	23 25	0 36	23 7	0 12	16 53	0 44	22 12	0 5	19 11
T 31	17s30	5s27	4n 2	19s 5	2n47	21s56	0n 7	23s21	0s36	23n 8	0s12	16n55	0n44	22s12	0n 5	19s11

Julian Day Number = 2690413.5, Delta T = 23m52s

Ecliptic obliquity = 23°21'17", Nutation = - 0°00'16"

Ayanamsha: Fagan/Bradley = 33°53'19", Lahiri = 33°00'19"

# ASTRODIENST EPHEMERIS for the year 2654

FEBRUARY 2654

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 44 35	11°42'23	5°48	20°30	20°32	13°23	2°R43	15°R 8	13°R 8	1°57	5°R22	15°R40	14°R30	27°R13	28°R16	W 1
T 2	8 48 32	12°43'24	17°39	20°34	21°17	14° 7	2°38	15°R 3	13°10	1°59	5°R21	15°D40	14°27	27°20	28°19	T 2
F 3	8 52 28	13°44'25	29°27	20°54	22°32	14°52	2°34	14°58	13°12	2° 1	5°20	15°R41	14°24	27°26	28°22	F 3
S 4	8 56 25	14°45'26	11°16	21°21	23°47	15°36	2°29	14°53	13°15	2° 4	5°19	15°R41	14°20	27°33	28°25	S 4
S 5	9 0 21	15°46'26	23°12	21°54	25° 2	16°20	2°25	14°48	13°17	2° 6	5°18	15°41	14°17	27°40	28°28	S 5
M 6	9 4 18	16°47'25	5°19	22°32	26°17	17° 4	2°21	14°43	13°19	2° 8	5°17	15°39	14°14	27°46	28°30	M 6
T 7	9 8 14	17°48'24	17°41	23°14	27°32	17°49	2°18	14°38	13°21	2°10	5°16	15°34	14°11	27°53	28°33	T 7
W 8	9 12 11	18°49'23	0°21	24° 1	28°47	18°33	2°14	14°33	13°23	2°13	5°16	15°27	14° 8	28° 0	28°36	W 8
T 9	9 16 7	19°50'20	13°18	24°52	0°22	19°17	2°11	14°28	13°25	2°15	5°15	15°17	14° 5	28° 6	28°40	T 9
F 10	9 20 4	20°51'17	26°34	25°46	1°17	20° 2	2° 7	14°23	13°27	2°17	5°14	15° 6	14° 1	28°13	28°43	F 10
S 11	9 24 1	21°52'12	10°15	26°44	2°32	20°46	2° 4	14°19	13°29	2°19	5°13	14°54	13°58	28°20	28°46	S 11
S 12	9 27 57	22°53'06	23°49	27°44	3°47	21°31	2° 2	14°14	13°31	2°21	5°13	14°43	13°55	28°26	28°49	S 12
M13	9 31 54	23°54'00	7°43	28°47	5° 2	22°15	1°59	14° 9	13°33	2°23	5°12	14°34	13°52	28°33	28°52	M13
T 14	9 35 50	24°54'52	21°43	29°53	6°17	23° 0	1°57	14° 4	13°35	2°26	5°11	14°27	13°49	28°40	28°55	T 14
W15	9 39 47	25°55'42	5°46	1°31	7°32	23°44	1°54	13°59	13°36	2°28	5°10	14°23	13°46	28°46	28°58	W15
T 16	9 43 43	26°56'31	19°51	2°10	8°47	24°29	1°52	13°55	13°38	2°30	5°10	14°21	13°42	28°53	29° 2	T 16
F 17	9 47 40	27°57'19	3°15	3°22	10° 2	25°13	1°50	13°50	13°40	2°32	5° 9	14°D21	13°39	28°59	29° 5	F 17
S 18	9 51 36	28°58'06	18° 1	4°36	11°16	25°58	1°49	13°45	13°41	2°34	5° 8	14°R21	13°36	29° 6	29° 8	S 18
S 19	9 55 33	29°58'51	2°4	5°51	12°31	26°43	1°47	13°40	13°43	2°36	5° 8	14°20	13°33	29°13	29°12	S 19
M20	9 59 30	0°59'34	16° 5	7° 7	13°46	27°27	1°46	13°36	13°44	2°38	5° 7	14°17	13°30	29°19	29°15	M20
T 21	10 3 26	2° 0'16	0°12	8°26	15° 1	28°12	1°45	13°31	13°46	2°40	5° 7	14°11	13°26	29°26	29°18	T 21
W22	10 7 23	3° 0'57	13°51	9°45	16°16	28°57	1°44	13°27	13°47	2°42	5° 6	14° 2	13°23	29°33	29°22	W22
T 23	10 11 19	4° 1'36	27°28	11° 6	17°31	29°42	1°44	13°22	13°48	2°44	5° 5	13°50	13°20	29°39	29°25	T 23
F 24	10 15 16	5° 2'13	10°52	12°28	18°46	0°22	1°43	13°18	13°50	2°46	5° 5	13°37	13°17	29°46	29°28	F 24
S 25	10 19 12	6° 2'50	23°59	13°51	20° 1	1°12	1°D43	13°14	13°51	2°48	5° 4	13°24	13°14	29°53	29°32	S 25
S 26	10 23 9	7° 3'25	6°48	15°16	21°16	1°57	1°43	13° 9	13°52	2°50	5° 4	13°11	13°11	29°59	29°35	S 26
M27	10 27 5	8° 3'58	19°18	16°41	22°31	2°42	1°43	13° 5	13°53	2°52	5° 3	13° 1	13° 7	0°16	29°39	M27
T 28	10 31 2	9°4'31	1°13	18°48	23°46	3°27	1°44	13°R 1	13°54	2°54	5° 3	12°R54	13°R 4	0°13	29°42	T 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	17s13	10s18	3n17	19s13	2n38	21s48	0n 4	23s18	0s37	23n 8	0s12	16n56	0n44	22s12	0n 5	19s10
T 2	16 56	14 43	2 25	19 21	2 28	21 39	0 2	23 14	0 37	23 8	0 12	16 58	0 44	22 13	0 5	19 10
F 3	16 39	18 34	1 26	19 28	2 18	21 30	0s 1	23 10	0 38	23 8	0 11	16 59	0 44	22 13	0 5	19 9
S 4	16 21	21 40	0 24	19 35	2 7	21 20	0 4	23 5	0 39	23 9	0 11	17 1	0 44	22 13	0 5	19 9
S 5	16 3	23 51	0s40	19 40	1 56	21 9	0 6	23 1	0 39	23 9	0 11	17 3	0 44	22 13	0 5	19 8
M 6	15 45	24 58	1 43	19 45	1 45	20 58	0 9	22 56	0 40	23 9	0 11	17 4	0 44	22 14	0 5	19 8
T 7	15 26	24 52	2 42	19 49	1 34	20 46	0 11	22 51	0 41	23 9	0 11	17 6	0 44	22 14	0 5	19 7
W 8	15 8	23 30	3 35	19 51	1 24	20 34	0 14	22 45	0 41	23 10	0 11	17 7	0 44	22 14	0 5	19 7
T 9	14 49	20 52	4 17	19 53	1 13	20 21	0 17	22 40	0 42	23 10	0 10	17 9	0 45	22 15	0 5	19 6
F 10	14 30	17 7	4 47	19 54	1 2	20 7	0 19	22 34	0 43	23 10	0 10	17 10	0 45	22 15	0 5	19 6
S 11	14 10	12 25	5 1	19 53	0 52	19 53	0 22	22 28	0 43	23 10	0 10	17 12	0 45	22 15	0 5	19 6
S 12	13 50	7 1	4 59	19 51	0 42	19 38	0 24	22 22	0 44	23 10	0 10	17 13	0 45	22 15	0 5	19 5
M13	13 30	1 13	4 38	19 49	0 32	19 22	0 26	22 15	0 44	23 11	0 10	17 15	0 45	22 15	0 5	19 5
T 14	13 10	4n42	4 1	19 45	0 22	19 6	0 29	22 9	0 45	23 11	0 10	17 16	0 45	22 16	0 5	19 4
W15	12 50	10 25	3 10	19 40	0 12	18 50	0 31	22 2	0 46	23 11	0 9	17 18	0 45	22 16	0 5	19 4
T 16	12 29	15 37	2 6	19 33	0 3	18 33	0 34	21 55	0 46	23 11	0 9	17 19	0 45	22 16	0 5	19 3
F 17	12 9	19 58	0 55	19 26	0s 6	18 15	0 36	21 47	0 47	23 11	0 9	17 20	0 45	22 16	0 5	19 3
S 18	11 48	23 8	0n19	19 17	0 15	17 57	0 38	21 40	0 48	23 12	0 9	17 22	0 45	22 17	0 5	19 2
S 19	11 26	24 53	1 32	19 7	0 23	17 38	0 40	21 32	0 48	23 12	0 9	17 23	0 45	22 17	0 5	19 2
M20	11 5	25 2	2 40	18 56	0 31	17 19	0 43	21 24	0 49	23 12	0 9	17 25	0 45	22 17	0 5	19 1
T 21	10 43	23 36	3 37	18 44	0 39	16 59	0 45	21 15	0 50	23 12	0 9	17 26	0 46	22 17	0 5	19 1
W22	10 22	20 46	4 20	18 30	0 47	16 39	0 47	21 7	0 50	23 12	0 8	17 27	0 46	22 17	0 5	19 0
T 23	10 0	16 49	4 48	18 15	0 54	16 18	0 49	20 58	0 51	23 12	0 8	17 29	0 46	22 17	0 5	19 0
F 24	9 38	12 5	5 0	17 59	1 2	15 57	0 51	20 49	0 51	23 13	0 8	17 30	0 46	22 18	0 5	18 59
S 25	9 16	6 54	4 55	17 42	1 8	15 36	0 53	20 40	0 52	23 13	0 8	17 31	0 46	22 18	0 5	18 59
S 26	8 53	1 32	4 36	17 24	1 15	15 14	0 55	20 31	0 53	23 13	0 8	17 33	0 46	22 18	0 5	18 59
M27	8 31	3s47	4 3	17 4	1 21	14 51	0 57	20 21	0 53	23 13	0 8	17 34	0 46	22 18	0 5	18 58
T 28	8s 8	8s51	3n20	16s43	1s27	14s28	0s59	20s11	0s54	23n13	0s 7	17n35	0n46	22s18	0n 5	18s58

Julian Day Number = 2690444.5, Delta T = 23m52s  
 Ecliptic obliquity = 23°21'18, Nutation = - 0°00'15  
 Ayanamsha: Fagan/Bradley = 33°53'24, Lahiri = 33°00'24

# ASTRODIENST EPHEMERIS for the year 2654

MARCH 2654

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	10 34 58	10° 5'02"	13° 33'	19° 35'	25° 35' 1	4° 12'	1° 44'	12° 57'	13° 55'	2° 56'	5° 3'	12° 49'	13° 11'	0° 19'	29° 46'	W 1
T 2	10 38 55	11° 5'32"	25° 25'	21° 4'	26° 16'	4° 57'	1° 45'	12° 53'	13° 56'	2° 58'	5° 2'	12° 47'	12° 58'	0° 26'	29° 49'	T 2
F 3	10 42 52	12° 6'00"	7° 13'	22° 34'	27° 31'	5° 42'	1° 46'	12° 49'	13° 57'	3° 0'	5° 2'	12° 47'	12° 55'	0° 33'	29° 53'	F 3
S 4	10 46 48	13° 6'28"	19° 2'	24° 4'	28° 46'	6° 27'	1° 47'	12° 45'	13° 58'	3° 2'	5° 1'	12° 46'	12° 52'	0° 39'	29° 57'	S 4
S 5	10 50 45	14° 6'54"	0° 35'	25° 36'	0° 1'	7° 12'	1° 49'	12° 41'	13° 59'	3° 4'	5° 1'	12° 46'	12° 48'	0° 46'	0° 0'	S 5
M 6	10 54 41	15° 7'19"	13° 7'	27° 9'	1° 16'	7° 57'	1° 50'	12° 37'	13° 59'	3° 5'	5° 1'	12° 43'	12° 45'	0° 52'	0° 4'	M 6
T 7	10 58 38	16° 7'43"	25° 33'	28° 43'	2° 31'	8° 42'	1° 52'	12° 34'	14° 0'	3° 7'	5° 1'	12° 39'	12° 42'	0° 59'	0° 7'	T 7
W 8	11 2 34	17° 8'05"	8° 20'	0° 17'	3° 46'	9° 28'	1° 54'	12° 30'	14° 1'	3° 9'	5° 0'	12° 31'	12° 39'	1° 6'	0° 11'	W 8
T 9	11 6 31	18° 8'25"	21° 30'	1° 53'	5° 0'	10° 13'	1° 56'	12° 26'	14° 1'	3° 11'	5° 0'	12° 21'	12° 36'	1° 12'	0° 15'	T 9
F 10	11 10 27	19° 8'44"	5° 12'	3° 30'	6° 15'	10° 58'	1° 59'	12° 23'	14° 2'	3° 12'	5° 0'	12° 9'	12° 32'	1° 19'	0° 18'	F 10
S 11	11 14 24	20° 9'01"	18° 56'	5° 8'	7° 30'	11° 44'	2° 1'	12° 20'	14° 2'	3° 14'	5° 0'	11° 56'	12° 29'	1° 26'	0° 22'	S 11
S 12	11 18 21	21° 9'17"	3° 7'	6° 46'	8° 45'	12° 29'	2° 4'	12° 16'	14° 3'	3° 16'	4° 59'	11° 44'	12° 26'	1° 32'	0° 26'	S 12
M13	11 22 17	22° 9'31"	17° 28'	8° 26'	10° 0'	13° 14'	2° 7'	12° 13'	14° 3'	3° 17'	4° 59'	11° 34'	12° 23'	1° 39'	0° 29'	M13
T 14	11 26 14	23° 9'43"	1° 54'	10° 7'	11° 15'	14° 0'	2° 10'	12° 10'	14° 3'	3° 19'	4° 59'	11° 26'	12° 20'	1° 46'	0° 33'	T 14
W15	11 30 10	24° 9'53"	16° 20'	11° 49'	12° 30'	14° 45'	2° 14'	12° 7'	14° 4'	3° 21'	4° 59'	11° 22'	12° 17'	1° 52'	0° 37'	W15
T 16	11 34 7	25° 10'01"	0° 11'	13° 32'	13° 45'	15° 31'	2° 17'	12° 4'	14° 4'	3° 22'	4° 59'	11° 20'	12° 13'	1° 59'	0° 40'	T 16
F 17	11 38 3	26° 10'07"	14° 52'	15° 16'	14° 59'	16° 16'	2° 21'	12° 1'	14° 4'	3° 24'	4° 59'	11° 19'	12° 10'	2° 6'	0° 44'	F 17
S 18	11 42 0	27° 10'11"	28° 56'	17° 1'	16° 14'	17° 2'	2° 25'	11° 58'	14° 4'	3° 25'	4° 59'	11° 19'	12° 7'	2° 12'	0° 48'	S 18
S 19	11 45 56	28° 10'13"	12° 49'	18° 47'	17° 29'	17° 47'	2° 29'	11° 56'	14° 4'	3° 27'	4° 59'	11° 19'	12° 4'	2° 19'	0° 51'	S 19
M20	11 49 53	29° 10'12"	26° 33'	20° 35'	18° 44'	18° 33'	2° 33'	11° 53'	14° 4'	3° 28'	4° 59'	11° 16'	12° 1'	2° 26'	0° 55'	M20
T 21	11 53 50	0° 10'10"	10° 6'	22° 23'	19° 59'	19° 18'	2° 37'	11° 51'	14° 4'	3° 30'	4° 59'	11° 10'	11° 57'	2° 32'	0° 59'	T 21
W22	11 57 46	1° 10'05"	23° 30'	24° 13'	21° 14'	20° 4'	2° 42'	11° 48'	14° 4'	3° 31'	4° 59'	11° 2'	11° 54'	2° 39'	1° 2'	W22
T 23	12 1 43	2° 9'58"	6° 14'	26° 3'	22° 28'	20° 49'	2° 47'	11° 46'	14° 4'	3° 33'	4° 59'	10° 52'	11° 51'	2° 45'	1° 6'	T 23
F 24	12 5 39	3° 9'49"	19° 44'	27° 55'	23° 43'	21° 35'	2° 52'	11° 44'	14° 3'	3° 34'	4° 59'	10° 40'	11° 48'	2° 52'	1° 10'	F 24
S 25	12 9 36	4° 9'38"	2° 31'	29° 48'	24° 58'	22° 21'	2° 57'	11° 42'	14° 3'	3° 35'	4° 59'	10° 28'	11° 45'	2° 59'	1° 13'	S 25
S 26	12 13 32	5° 9'25"	15° 5'	1° 42'	26° 12'	23° 6'	3° 2'	11° 40'	14° 3'	3° 37'	4° 59'	10° 17'	11° 42'	3° 5'	1° 17'	S 26
M27	12 17 29	6° 9'11"	27° 26'	3° 38'	27° 27'	23° 52'	3° 7'	11° 38'	14° 2'	3° 38'	4° 59'	10° 7'	11° 38'	3° 12'	1° 21'	M27
T 28	12 21 25	7° 8'54"	9° 13'	5° 34'	28° 42'	24° 38'	3° 13'	11° 36'	14° 2'	3° 39'	5° 0'	10° 0'	11° 35'	3° 19'	1° 24'	T 28
W29	12 25 22	8° 8'36"	21° 31'	7° 31'	29° 57'	25° 23'	3° 19'	11° 35'	14° 2'	3° 41'	5° 0'	9° 56'	11° 32'	3° 25'	1° 28'	W29
T 30	12 29 19	9° 8'16"	3° 22'	9° 30'	1° 11'	26° 9'	3° 25'	11° 33'	14° 1'	3° 42'	5° 0'	9° 54'	11° 29'	3° 32'	1° 32'	T 30
F 31	12 33 15	10° 7'54"	15° 9'	11° 29'	2° 26'	26° 55'	3° 31'	11° 32'	14° 0'	3° 43'	5° 0'	9° 54'	11° 26'	3° 39'	1° 36'	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	7s46	13s30	2n28	16s21	1s32	14s 5	1s 1	20s 1	0s54	23n13	0s 7	17n36	0n46	22s18	0n 5	18s57
T 2	7 23	17 35	1 31	15 58	1 37	13 42	1 2	19 51	0 55	23 13	0 7	17 38	0 46	22 18	0 5	18 57
F 3	7 0	20 57	0 29	15 33	1 42	13 18	1 4	19 41	0 56	23 14	0 7	17 39	0 46	22 18	0 5	18 56
S 4	6 37	23 27	0s33	15 8	1 47	12 53	1 6	19 30	0 56	23 14	0 7	17 40	0 46	22 19	0 5	18 56
S 5	6 14	24 56	1 35	14 41	1 51	12 29	1 7	19 19	0 57	23 14	0 7	17 41	0 46	22 19	0 5	18 56
M 6	5 51	25 15	2 33	14 13	1 55	12 4	1 9	19 8	0 58	23 14	0 7	17 42	0 46	22 19	0 5	18 55
T 7	5 27	24 20	3 26	13 44	1 58	11 38	1 10	18 57	0 58	23 14	0 6	17 43	0 46	22 19	0 5	18 55
W 8	5 4	22 8	4 9	13 13	2 1	11 12	1 12	18 46	0 59	23 14	0 6	17 44	0 46	22 19	0 5	18 54
T 9	4 40	18 43	4 41	12 42	2 4	10 46	1 13	18 34	0 59	23 14	0 6	17 45	0 47	22 19	0 5	18 54
F 10	4 17	14 15	4 58	12 9	2 6	10 20	1 14	18 23	1 0	23 14	0 6	17 46	0 47	22 19	0 5	18 53
S 11	3 53	8 56	4 58	11 35	2 8	9 54	1 15	18 11	1 0	23 14	0 6	17 47	0 47	22 19	0 5	18 53
S 12	3 30	3 3	4 40	11 0	2 10	9 27	1 17	17 59	1 1	23 15	0 6	17 48	0 47	22 19	0 5	18 53
M13	3 6	3n 4	4 4	10 24	2 11	9 0	1 18	17 46	1 2	23 15	0 6	17 49	0 47	22 19	0 5	18 52
T 14	2 42	9 5	3 12	9 47	2 11	8 32	1 19	17 34	1 2	23 15	0 5	17 50	0 47	22 19	0 5	18 52
W15	2 19	14 37	2 8	9 8	2 12	8 5	1 20	17 21	1 3	23 15	0 5	17 51	0 47	22 19	0 5	18 52
T 16	1 55	19 18	0 56	8 29	2 12	7 37	1 21	17 8	1 3	23 15	0 5	17 52	0 47	22 19	0 5	18 51
F 17	1 31	22 49	0n19	7 48	2 11	7 9	1 22	16 55	1 4	23 15	0 5	17 53	0 47	22 19	0 5	18 51
S 18	1 7	24 53	1 32	7 6	2 10	6 41	1 22	16 42	1 5	23 15	0 5	17 53	0 47	22 19	0 5	18 50
S 19	0 44	25 22	2 39	6 24	2 8	6 12	1 23	16 29	1 5	23 15	0 5	17 54	0 47	22 19	0 5	18 50
M20	0 20	24 18	3 36	5 40	2 6	5 44	1 24	16 15	1 6	23 15	0 5	17 55	0 47	22 19	0 5	18 50
T 21	0n 4	21 49	4 19	4 55	2 4	5 15	1 25	16 2	1 6	23 15	0 5	17 56	0 47	22 19	0 5	18 49
W22	0 28	18 10	4 48	4 9	2 1	4 46	1 25	15 48	1 7	23 15	0 4	17 56	0 47	22 19	0 5	18 49
T 23	0 52	13 41	5 1	3 22	1 58	4 17	1 26	15 34	1 7	23 15	0 4	17 57	0 47	22 19	0 5	18 49
F 24	1 15	8 38	4 58	2 34	1 54	3 48	1 26	15 20	1 8	23 15	0 4	17 58	0 47	22 19	0 5	18 48
S 25	1 39	3 18	4 40	1 45	1 49	3 19	1 26	15 6	1 8	23 15	0 4	17 58	0 47	22 19	0 5	18 48
S 26	2 3	2s 5	4 9	0 55	1 44	2 50	1 27	14 51	1 9	23 15	0 4	17 59	0 47	22 19	0 5	18 48
M27	2 26	7 19	3 26	0 4	1 39	2 20	1 27	14 37	1 9	23 15	0 4	17 59	0 47	22 19	0 5	18 48
T 28	2 50	12 11	2 35	0n47	1 33	1 51	1 27	14 22	1 10	23 15	0 4	18 0	0 47	22 19	0 5	18 47
W29	3 13	16 31	1 37	1 39	1 26	1 21	1 27	14 7	1 11	23 15	0 4	18 0	0 47	22 19	0 5	18 47
T 30	3 37	20 11	0 35	2 32	1 19	0 52	1 27	13 52	1 11	23 15	0 3	18 1	0 47	22 19	0 5	18 47
F 31	4n 0	23s 0	0s28	3n26	1s12	0s22	1s27	13s37	1s12	23n15	0s 3	18n 1	0n47	22s19	0n 5	18s46

Julian Day Number = 2690472.5, Delta T = 23m53s  
 Ecliptic obliquity = 23°21'19", Nutation = - 0°00'16"  
 Ayanamsha: Fagan/Bradley = 33°53'28", Lahiri = 33°00'27"



## ASTRODIENST EPHEMERIS for the year 2654

MAY 2654

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 35 28	10°40'33	29°22	27°44	10°54	20°38	7°48	11°42	13°R19	4°4	5°19	8°29	9°47	7°5	3°Y22	M 1
T 2	14 39 25	11°39'09	11°44	27°58	12°8	21°24	7°59	11°44	13°R17	4°4	5°19	8°R29	9°44	7°11	3°25	T 2
W 3	14 43 21	12°37'43	24°29	28°6	13°23	22°10	8°9	11°46	13°15	4°4	5°20	8°28	9°41	7°18	3°28	W 3
T 4	14 47 18	13°36'15	7°37	28°R 8	14°37	22°56	8°19	11°48	13°13	4°4	5°21	8°27	9°38	7°25	3°31	T 4
F 5	14 51 14	14°34'46	21°12	28°4	15°51	23°42	8°30	11°51	13°11	4°4	5°22	8°24	9°35	7°31	3°34	F 5
S 6	14 55 11	15°33'15	5°Y15	27°55	17°5	24°28	8°40	11°53	13°9	4°R 4	5°23	8°21	9°31	7°38	3°37	S 6
S 7	14 59 8	16°31'43	19°43	27°41	18°19	25°14	8°51	11°56	13°6	4°4	5°24	8°18	9°28	7°44	3°40	S 7
M 8	15 3 4	17°30'09	4°B33	27°22	19°33	26°0	9°2	11°58	13°4	4°4	5°25	8°15	9°25	7°51	3°43	M 8
T 9	15 7 1	18°28'33	19°36	26°58	20°47	26°46	9°13	12°1	13°2	4°4	5°26	8°14	9°22	7°58	3°46	T 9
W10	15 10 57	19°26'55	4°II43	26°31	22°2	27°32	9°24	12°4	13°0	4°4	5°27	8°D13	9°19	8°4	3°48	W10
T 11	15 14 54	20°25'16	19°47	26°1	23°16	28°18	9°35	12°7	12°58	4°4	5°28	8°13	9°15	8°11	3°51	T 11
F 12	15 18 50	21°23'35	4°B37	25°27	24°30	29°3	9°46	12°10	12°55	4°4	5°29	8°14	9°12	8°18	3°54	F 12
S 13	15 22 47	22°21'52	19°9	24°52	25°44	29°49	9°57	12°13	12°53	4°4	5°30	8°15	9°9	8°24	3°57	S 13
S 14	15 26 44	23°20'07	3°II19	24°15	26°58	0°Y35	10°8	12°16	12°51	4°3	5°32	8°16	9°6	8°31	3°59	S 14
M15	15 30 40	24°18'19	17°5	23°37	28°12	1°21	10°19	12°20	12°48	4°3	5°33	8°17	9°3	8°38	4°2	M15
T 16	15 34 37	25°16'30	0°II28	22°59	29°26	2°7	10°31	12°23	12°46	4°3	5°34	8°R17	9°0	8°44	4°5	T 16
W17	15 38 33	26°14'39	13°30	22°21	0°II40	2°52	10°42	12°27	12°44	4°2	5°35	8°16	8°56	8°51	4°7	W17
T 18	15 42 30	27°12'45	26°13	21°45	1°54	3°38	10°54	12°30	12°41	4°2	5°36	8°15	8°53	8°58	4°10	T 18
F 19	15 46 26	28°10'50	8°A40	21°11	3°8	4°24	11°6	12°34	12°39	4°2	5°37	8°14	8°50	9°4	4°12	F 19
S 20	15 50 23	29°8'53	20°54	20°39	4°22	5°10	11°17	12°38	12°37	4°1	5°38	8°13	8°47	9°11	4°15	S 20
S 21	15 54 19	0°II6'55	2°II59	20°10	5°36	5°55	11°29	12°42	12°34	4°1	5°40	8°12	8°44	9°17	4°17	S 21
M22	15 58 16	1°4'54	14°56	19°44	6°50	6°41	11°41	12°46	12°32	4°0	5°41	8°11	8°40	9°24	4°19	M22
T 23	16 2 12	2°2'52	26°47	19°22	8°3	7°27	11°53	12°50	12°29	4°0	5°42	8°10	8°37	9°31	4°22	T 23
W24	16 6 9	3°0'49	8°A36	19°3	9°17	8°12	12°5	12°54	12°27	3°59	5°43	8°D10	8°34	9°37	4°24	W24
T 25	16 10 6	3°58'44	20°23	18°49	10°31	8°58	12°17	12°58	12°24	3°59	5°44	8°10	8°31	9°44	4°26	T 25
F 26	16 14 2	4°56'38	2°B13	18°39	11°45	9°43	12°29	13°2	12°22	3°58	5°46	8°11	8°28	9°51	4°28	F 26
S 27	16 17 59	5°54'30	14°6	18°34	12°59	10°29	12°41	13°7	12°19	3°57	5°47	8°11	8°25	9°57	4°31	S 27
S 28	16 21 55	6°52'21	26°7	18°D33	14°13	11°14	12°53	13°11	12°17	3°57	5°48	8°11	8°21	10°4	4°33	S 28
M29	16 25 52	7°50'11	8°A18	18°37	15°27	12°0	13°6	13°16	12°14	3°56	5°49	8°R11	8°18	10°11	4°35	M29
T 30	16 29 48	8°47'59	20°43	18°46	16°40	12°45	13°18	13°20	12°12	3°55	5°51	8°11	8°15	10°17	4°37	T 30
W31	16 33 45	9°II45'47	3°B26	18°B59	17°II54	13°Y31	13°B30	13°B25	12°A9	3°A55	5°B52	8°D11	8°II12	10°A24	4°Y39	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	14n58	24s12	4s 5	22n20	2n49	14n 9	0s57	5s 0	1s25	23n 8	0n 0	17n59	0n47	22s14	0n 5	M 1
T 2	15 17	21 42	4 41	22 19	2 45	14 33	0 55	4 42	1 25	23 7	0 0	17 58	0 47	22 14	0 5	T 2
W 3	15 34	18 7	5 5	22 16	2 40	14 57	0 53	4 24	1 25	23 7	0 0	17 58	0 48	22 14	0 5	W 3
T 4	15 52	13 33	5 15	22 10	2 34	15 21	0 51	4 6	1 26	23 6	0 0	17 57	0 48	22 13	0 5	T 4
F 5	16 9	8 11	5 7	22 1	2 26	15 45	0 49	3 49	1 26	23 6	0 0	17 56	0 48	22 13	0 5	F 5
S 6	16 26	2 13	4 41	21 50	2 16	16 8	0 47	3 31	1 26	23 5	0 1	17 56	0 48	22 13	0 5	S 6
S 7	16 43	4n 2	3 57	21 37	2 6	16 30	0 45	3 13	1 27	23 4	0 1	17 55	0 48	22 13	0 5	S 7
M 8	17 0	10 14	2 55	21 21	1 54	16 52	0 43	2 55	1 27	23 4	0 1	17 54	0 48	22 12	0 5	M 8
T 9	17 16	15 57	1 41	21 3	1 41	17 14	0 41	2 37	1 27	23 3	0 1	17 53	0 48	22 12	0 5	T 9
W10	17 32	20 41	0 19	20 43	1 27	17 35	0 39	2 19	1 27	23 2	0 1	17 53	0 48	22 12	0 5	W10
T 11	17 47	24 1	1n 4	20 21	1 12	17 56	0 37	2 1	1 28	23 2	0 1	17 52	0 48	22 12	0 5	T 11
F 12	18 3	25 37	2 21	19 58	0 56	18 16	0 34	1 43	1 28	23 1	0 1	17 51	0 48	22 11	0 5	F 12
S 13	18 18	25 25	3 28	19 34	0 40	18 36	0 32	1 25	1 28	23 0	0 1	17 50	0 48	22 11	0 5	S 13
S 14	18 33	23 33	4 20	19 8	0 23	18 55	0 30	1 7	1 28	23 0	0 1	17 49	0 48	22 11	0 5	S 14
M15	18 47	20 21	4 56	18 42	0 5	19 14	0 28	0 49	1 28	22 59	0 2	17 48	0 48	22 11	0 5	M15
T 16	19 1	16 10	5 14	18 16	0s12	19 33	0 26	0 31	1 29	22 58	0 2	17 47	0 48	22 10	0 5	T 16
W17	19 15	11 19	5 16	17 49	0 30	19 50	0 23	0 13	1 29	22 57	0 2	17 46	0 48	22 10	0 5	W17
T 18	19 28	6 7	5 2	17 23	0 47	20 8	0 21	0n 5	1 29	22 56	0 2	17 45	0 48	22 10	0 5	T 18
F 19	19 41	0 46	4 33	16 58	1 4	20 24	0 19	0 23	1 29	22 56	0 2	17 44	0 48	22 9	0 5	F 19
S 20	19 54	4s31	3 53	16 33	1 21	20 40	0 16	0 41	1 29	22 55	0 2	17 43	0 48	22 9	0 5	S 20
S 21	20 6	9 35	3 3	16 10	1 37	20 56	0 14	0 58	1 29	22 54	0 2	17 42	0 48	22 9	0 5	S 21
M22	20 18	14 15	2 6	15 49	1 52	21 11	0 11	1 16	1 30	22 53	0 2	17 41	0 48	22 8	0 5	M22
T 23	20 30	18 21	1 3	15 29	2 6	21 25	0 9	1 34	1 30	22 52	0 2	17 40	0 48	22 8	0 5	T 23
W24	20 41	21 42	0s 2	15 11	2 20	21 39	0 7	1 52	1 30	22 51	0 2	17 39	0 48	22 8	0 5	W24
T 25	20 52	24 8	1 7	14 55	2 33	21 53	0 4	2 10	1 30	22 50	0 3	17 37	0 48	22 8	0 5	T 25
F 26	21 3	25 30	2 10	14 41	2 44	22 5	0 2	2 27	1 30	22 49	0 3	17 36	0 48	22 7	0 5	F 26
S 27	21 13	25 42	3 7	14 29	2 55	22 17	0n 1	2 45	1 30	22 48	0 3	17 35	0 48	22 7	0 5	S 27
S 28	21 23	24 43	3 56	14 20	3 4	22 28	0 3	3 3	1 30	22 47	0 3	17 34	0 48	22 7	0 5	S 28
M29	21 32	22 34	4 36	14 13	3 13	22 39	0 5	3 20	1 30	22 46	0 3	17 32	0 48	22 6	0 5	M29
T 30	21 41	19 19	5 3	14 8	3 20	22 49	0 8	3 38	1 30	22 45	0 3	17 31	0 48	22 6	0 5	T 30
W31	21n50	15s 8	5s17	14n 5	3s27	22n59	0n10	3n55	1s30	22n43	0n 3	17n30	0n48	22s 6	0n 5	W31

Julian Day Number = 2690533.5, Delta T = 23m53s

Ecliptic obliquity = 23°21'19", Nutation = - 0°00'17"

Ayanamsha: Fagan/Bradley = 33°53'36", Lahiri = 33°00'36"

## ASTRODIENST EPHEMERIS for the year 2654

JUNE 2654

00:00 UT

Day	Sid.t	☉	☾	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 37 42	10♂43'33	16♂30	19♂16	19♂18	14♂16	13♂43	13♂30	12♂R 7	3♂R54	5♂53	8♂11	8♂9	10♂31	4♂41	T 1
F 2	16 41 38	11°41'19	29°57	19°38	20°22	15° 1	13°55	13°35	12♂ 4	3♂53	5°55	8°11	8° 6	10°37	4°43	F 2
S 3	16 45 35	12°39'03	13♂51	20° 4	21°35	15°47	14° 8	13°40	12° 2	3°52	5°56	8°12	8° 2	10°44	4°44	S 3
S 4	16 49 31	13°36'46	28°10	20°35	22°49	16°32	14°21	13°45	11°59	3°51	5°57	8°12	7°59	10°51	4°46	S 4
M 5	16 53 28	14°34'28	12♂51	21° 9	24° 3	17°17	14°33	13°50	11°57	3°50	5°59	8°12	7°56	10°57	4°48	M 5
T 6	16 57 24	15°32'10	27°51	21°48	25°17	18° 2	14°46	13°55	11°54	3°49	6° 0	8°13	7°53	11° 4	4°50	T 6
W 7	17 1 121	16°29'50	13♂ 0	22°30	26°30	18°48	14°59	14° 0	11°52	3°48	6° 1	8°R13	7°50	11°10	4°51	W 7
T 8	17 5 17	17°27'29	28°11	23°16	27°44	19°33	15°12	14° 6	11°49	3°47	6° 3	8°13	7°46	11°17	4°53	T 8
F 9	17 9 14	18°25'07	13♂13	24° 5	28°58	20°18	15°24	14°11	11°47	3°46	6° 4	8°12	7°43	11°24	4°54	F 9
S 10	17 13 11	19°22'44	27°59	24°59	0♂12	21° 3	15°37	14°17	11°44	3°45	6° 5	8°11	7°40	11°30	4°56	S 10
S 11	17 17 7	20°20'19	12♂21	25°55	1°25	21°48	15°50	14°22	11°42	3°44	6° 7	8° 9	7°37	11°37	4°57	S 11
M12	17 21 4	21°17'53	26°18	26°55	2°39	22°33	16° 3	14°28	11°40	3°43	6° 8	8° 8	7°34	11°44	4°59	M12
T 13	17 25 0	22°15'26	9♂47	27°58	3°53	23°18	16°16	14°33	11°37	3°42	6°10	8° 7	7°31	11°50	5° 0	T 13
W14	17 28 57	23°12'57	22°51	29° 5	5° 6	24° 2	16°29	14°39	11°35	3°41	6°11	8°D 7	7°27	11°57	5° 1	W14
T 15	17 32 53	24°10'27	5♂32	0♂14	6°20	24°47	16°42	14°45	11°32	3°40	6°12	8° 7	7°24	12° 4	5° 3	T 15
F 16	17 36 50	25° 7'56	17°54	1°27	7°33	25°32	16°55	14°51	11°30	3°39	6°14	8° 8	7°21	12°10	5° 4	F 16
S 17	17 40 46	26° 5'23	0♂ 1	2°42	8°47	26°17	17° 8	14°57	11°27	3°38	6°15	8° 9	7°18	12°17	5° 5	S 17
S 18	17 44 43	27° 2'50	11°58	4° 1	10° 1	27° 1	17°22	15° 3	11°25	3°36	6°17	8°11	7°15	12°24	5° 6	S 18
M19	17 48 40	28° 0'15	23°49	5°23	11°14	27°46	17°35	15° 9	11°23	3°35	6°18	8°12	7°12	12°30	5° 7	M19
T 20	17 52 36	28°57'40	5♂36	6°47	12°28	28°31	17°48	15°15	11°20	3°34	6°19	8°R13	7° 8	12°37	5° 8	T 20
W21	17 56 33	29°55'03	17°24	8°15	13°41	29°15	18° 1	15°21	11°18	3°33	6°21	8°12	7° 5	12°43	5° 9	W21
T 22	18 0 29	0♂52'26	29°14	9°45	14°55	29°59	18°15	15°27	11°16	3°31	6°22	8°11	7° 2	12°50	5°10	T 22
F 23	18 4 26	1°49'48	11♂ 9	11°18	16° 8	0♂44	18°28	15°33	11°13	3°30	6°24	8° 8	6°59	12°57	5°11	F 23
S 24	18 8 22	2°47'09	23°11	12°54	17°22	1°28	18°41	15°40	11°11	3°29	6°25	8° 5	6°56	13° 3	5°12	S 24
S 25	18 12 19	3°44'30	5♂21	14°32	18°35	2°12	18°55	15°46	11° 9	3°27	6°27	8° 1	6°52	13°10	5°12	S 25
M26	18 16 15	4°41'50	17°43	16°14	19°49	2°57	19° 8	15°53	11° 7	3°26	6°28	7°57	6°49	13°17	5°13	M26
T 27	18 20 12	5°39'10	0♂16	17°58	21° 2	3°41	19°21	15°59	11° 4	3°25	6°29	7°53	6°46	13°23	5°14	T 27
W28	18 24 9	6°36'29	13° 4	19°45	22°15	4°25	19°35	16° 6	11° 2	3°23	6°31	7°50	6°43	13°30	5°14	W28
T 29	18 28 5	7°33'48	26° 9	21°35	23°29	5° 9	19°48	16°12	11° 0	3°22	6°32	7°48	6°40	13°37	5°15	T 29
F 30	18 32 2	8°31'07	9♂33	23♂27	24♂42	5♂53	20♂ 2	16♂19	10♂58	3♂21	6°34	7°D47	6♂37	13♂43	5♂15	F 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	21n59	10s 8	5s14	14n 5	3s32	23n 7	0n13	4n13	1s31	22n42	0n 3	17n28	0n48	22s 5	0n 5	18s43
F 2	22 6	4 32	4 55	14 6	3 36	23 15	0 15	4 30	1 31	22 41	0 3	17 27	0 48	22 5	0 5	18 44
S 3	22 14	1n28	4 18	14 10	3 40	23 23	0 17	4 48	1 31	22 40	0 3	17 26	0 48	22 5	0 5	18 44
S 4	22 21	7 35	3 25	14 16	3 42	23 29	0 20	5 5	1 31	22 39	0 3	17 24	0 48	22 4	0 5	18 44
M 5	22 28	13 28	2 16	14 23	3 44	23 35	0 22	5 22	1 31	22 37	0 4	17 23	0 48	22 4	0 5	18 44
T 6	22 34	18 41	0 57	14 32	3 44	23 41	0 25	5 39	1 31	22 36	0 4	17 21	0 48	22 4	0 5	18 44
W 7	22 40	22 43	0n27	14 43	3 44	23 45	0 27	5 56	1 31	22 35	0 4	17 20	0 48	22 3	0 5	18 45
T 8	22 46	25 9	1 49	14 55	3 43	23 49	0 29	6 13	1 31	22 33	0 4	17 18	0 48	22 3	0 5	18 45
F 9	22 51	25 44	3 2	15 9	3 41	23 53	0 32	6 30	1 31	22 32	0 4	17 17	0 48	22 3	0 5	18 45
S 10	22 56	24 27	4 2	15 24	3 38	23 55	0 34	6 47	1 30	22 31	0 4	17 15	0 48	22 2	0 4	18 45
S 11	23 0	21 36	4 45	15 41	3 35	23 57	0 36	7 4	1 30	22 29	0 4	17 14	0 48	22 2	0 4	18 46
M12	23 4	17 34	5 10	15 59	3 31	23 58	0 38	7 21	1 30	22 28	0 4	17 12	0 48	22 2	0 4	18 46
T 13	23 8	12 46	5 17	16 17	3 26	23 59	0 41	7 37	1 30	22 26	0 4	17 10	0 48	22 1	0 4	18 46
W14	23 11	7 31	5 6	16 37	3 21	23 58	0 43	7 54	1 30	22 25	0 4	17 9	0 48	22 1	0 4	18 46
T 15	23 14	2 7	4 41	16 57	3 15	23 57	0 45	8 10	1 30	22 23	0 4	17 7	0 48	22 1	0 4	18 47
F 16	23 16	3s14	4 4	17 18	3 8	23 56	0 47	8 27	1 30	22 22	0 5	17 5	0 48	22 1	0 4	18 47
S 17	23 18	8 23	3 16	17 40	3 1	23 53	0 49	8 43	1 30	22 20	0 5	17 4	0 48	22 0	0 4	18 47
S 18	23 19	13 9	2 20	18 2	2 53	23 50	0 52	8 59	1 30	22 19	0 5	17 2	0 48	22 0	0 4	18 47
M19	23 20	17 23	1 19	18 25	2 45	23 46	0 54	9 15	1 30	22 17	0 5	17 0	0 48	22 0	0 4	18 48
T 20	23 21	20 56	0 14	18 48	2 36	23 42	0 56	9 31	1 29	22 15	0 5	16 58	0 48	21 59	0 4	18 48
W21	23 21	23 36	0s11	19 11	2 27	23 37	0 58	9 47	1 29	22 14	0 5	16 57	0 48	21 59	0 4	18 48
T 22	23 21	25 15	1 53	19 34	2 18	23 31	1 0	10 2	1 29	22 12	0 5	16 55	0 48	21 59	0 4	18 49
F 23	23 21	25 44	2 52	19 57	2 8	23 24	1 2	10 18	1 29	22 10	0 5	16 53	0 48	21 58	0 4	18 49
S 24	23 20	25 2	3 43	20 19	1 57	23 17	1 3	10 33	1 29	22 9	0 5	16 51	0 48	21 58	0 4	18 49
S 25	23 18	23 8	4 24	20 42	1 47	23 9	1 5	10 49	1 28	22 7	0 5	16 49	0 48	21 58	0 4	18 50
M26	23 16	20 8	4 54	21 3	1 36	23 0	1 7	11 4	1 28	22 5	0 5	16 47	0 48	21 57	0 4	18 50
T 27	23 14	16 11	5 11	21 24	1 25	22 51	1 9	11 19	1 28	22 3	0 5	16 45	0 48	21 57	0 4	18 50
W28	23 11	11 26	5 12	21 44	1 14	22 41	1 11	11 34	1 28	22 1	0 6	16 44	0 48	21 57	0 4	18 51
T 29	23 8	6 5	4 58	22 3	1 2	22 30	1 12	11 49	1 27	22 0	0 6	16 42	0 48	21 57	0 4	18 51
F 30	23n 5	0s19	4s27	22n21	0s51	22n19	1n14	12n 4	1s27	21n58	0n 6	16n40	0n48	21s56	0n 4	18s51

Julian Day Number = 2690564.5, Delta T = 23m54s

Ecliptic obliquity = 23°21'19", Nutation = - 0°00'17"

Ayanamsha: Fagan/Bradley = 33°53'40", Lahiri = 33°00'40"

## ASTRODIENST EPHEMERIS for the year 2654

JULY 2654

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 35 58	9°28'25	23°17	25°12	25°56	6°37	20°15	16°25	10°R56	3°R19	6°35	7°14	6°11	13°50	5°16	S 1
S 2	18 39 55	10°25'43	7°23	27°19	27° 9	7°21	20°29	16°32	10°R54	3°R18	6°37	7°49	6°30	13°57	5°16	S 2
M 3	18 43 51	11°23'02	21°49	29°19	28°23	8° 4	20°42	16°39	10°52	3°16	6°38	7°51	6°27	14° 3	5°16	M 3
T 4	18 47 48	12°20'20	6°11	19°21	29°36	8°48	20°56	16°46	10°50	3°15	6°39	7°R51	6°24	14°10	5°17	T 4
W 5	18 51 45	13°17'38	21°30	3°24	0°14	9°32	21° 9	16°53	10°48	3°13	6°41	7°51	6°21	14°17	5°17	W 5
T 6	18 55 41	14°14'55	6°32	5°30	2° 3	10°15	21°23	17° 0	10°46	3°12	6°42	7°48	6°18	14°23	5°17	T 6
F 7	18 59 38	15°12'13	21°31	7°37	3°16	10°59	21°36	17° 7	10°44	3°10	6°44	7°45	6°14	14°30	5°17	F 7
S 8	19 3 34	16° 9'30	6°18	9°46	4°29	11°42	21°50	17°13	10°42	3° 9	6°45	7°39	6°11	14°36	5°R17	S 8
S 9	19 7 31	17° 6'46	20°46	11°55	5°43	12°26	22° 3	17°21	10°40	3° 7	6°47	7°33	6° 8	14°43	5°17	S 9
M10	19 11 27	18° 4'03	4°18	14° 5	6°56	13° 9	22°17	17°28	10°38	3° 6	6°48	7°28	6° 5	14°50	5°17	M10
T 11	19 15 24	19° 1'18	18°23	16°16	8° 9	13°52	22°30	17°35	10°36	3° 4	6°49	7°23	6° 2	14°56	5°17	T 11
W12	19 19 20	19°58'33	1°31	18°27	9°23	14°35	22°44	17°42	10°35	3° 2	6°51	7°19	5°58	15° 3	5°17	W12
T 13	19 23 17	20°55'48	14°14	20°38	10°36	15°18	22°58	17°49	10°33	3° 1	6°52	7°18	5°55	15°10	5°16	T 13
F 14	19 27 14	21°53'03	2°37	22°48	11°49	16° 1	23°11	17°56	10°31	2°59	6°54	7°D18	5°52	15°16	5°16	F 14
S 15	19 31 10	22°50'17	8°14	24°58	13° 2	16°44	23°25	18° 3	10°30	2°58	6°55	7°19	5°49	15°23	5°16	S 15
S 16	19 35 7	23°47'31	20°37	27° 7	14°15	17°27	23°38	18°11	10°28	2°56	6°56	7°20	5°46	15°30	5°15	S 16
M17	19 39 3	24°44'44	2°26	29°15	15°29	18° 9	23°52	18°18	10°26	2°54	6°58	7°R21	5°43	15°36	5°15	M17
T 18	19 43 0	25°41'58	14°13	1°12	16°42	18°52	24° 6	18°25	10°25	2°53	6°59	7°21	5°39	15°43	5°14	T 18
W19	19 46 56	26°39'11	26° 2	3°28	17°55	19°34	24°19	18°33	10°23	2°51	7° 0	7°19	5°36	15°50	5°14	W19
T 20	19 50 53	27°36'24	7°38	5°32	19° 8	20°17	24°33	18°40	10°22	2°50	7° 2	7°15	5°33	15°56	5°13	T 20
F 21	19 54 49	28°33'38	20° 1	7°34	20°21	20°59	24°46	18°47	10°21	2°48	7° 3	7° 9	5°30	16° 3	5°13	F 21
S 22	19 58 46	29°30'51	2°15	9°35	21°34	21°41	25° 0	18°55	10°19	2°46	7° 5	7° 1	5°27	16°10	5°12	S 22
S 23	20 2 43	0°12'28	14°40	11°34	22°47	22°24	25°13	19° 2	10°18	2°45	7° 6	6°52	5°24	16°16	5°11	S 23
M24	20 6 39	1°25'19	27°17	13°31	24° 0	23° 6	25°27	19°10	10°17	2°43	7° 7	6°42	5°20	16°23	5°10	M24
T 25	20 10 36	2°22'33	10°11	15°27	25°13	23°48	25°40	19°17	10°15	2°42	7° 9	6°33	5°17	16°29	5°10	T 25
W26	20 14 32	3°19'47	23° 8	17°20	26°26	24°29	25°54	19°25	10°14	2°40	7°10	6°25	5°14	16°36	5° 9	W26
T 27	20 18 29	4°17'03	6°12	19°12	27°39	25°11	26° 7	19°32	10°13	2°38	7°11	6°20	5°11	16°43	5° 8	T 27
F 28	20 22 25	5°14'18	19°51	21° 2	28°52	25°53	26°21	19°40	10°12	2°37	7°12	6°17	5° 8	16°49	5° 7	F 28
S 29	20 26 22	6°11'35	3°33	22°50	0°11	26°34	26°34	19°48	10°11	2°35	7°14	6°D16	5° 4	16°56	5° 6	S 29
S 30	20 30 18	7° 8'52	17°30	24°36	1°18	27°16	26°48	19°55	10°10	2°33	7°15	6°16	5° 1	17° 3	5° 4	S 30
M31	20 34 15	8° 6'10	1°14	26°12	2°11	27°57	27° 1	20°12	10°9	2°32	7°16	6°R17	4°11	17° 9	5°11	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	23n 1	5n36	3s40	22n38	0s39	22n 7	1n15	12n18	1s27	21n56	0n 6	16n38	0n48	21s56	0n 4	18s52
S 2	22 57	11 25	2 39	22 52	0 27	21 55	1 17	12 33	1 27	21 54	0 6	16 36	0 48	21 56	0 4	18 52
M 3	22 52	16 46	1 27	23 5	0 16	21 42	1 18	12 47	1 26	21 52	0 6	16 34	0 48	21 55	0 4	18 52
T 4	22 47	21 13	0 7	23 16	0 5	21 28	1 20	13 2	1 26	21 50	0 6	16 32	0 48	21 55	0 4	18 53
W 5	22 42	24 19	1n14	23 25	0n 6	21 13	1 21	13 16	1 26	21 48	0 6	16 30	0 48	21 55	0 4	18 53
T 6	22 36	25 42	2 30	23 32	0 17	20 58	1 22	13 30	1 25	21 46	0 6	16 28	0 49	21 55	0 4	18 53
F 7	22 30	25 11	3 36	23 36	0 28	20 43	1 24	13 43	1 25	21 44	0 6	16 25	0 49	21 54	0 4	18 54
S 8	22 23	22 55	4 26	23 38	0 38	20 27	1 25	13 57	1 25	21 42	0 6	16 23	0 49	21 54	0 4	18 54
S 9	22 16	19 13	4 57	23 37	0 47	20 10	1 26	14 11	1 24	21 40	0 7	16 21	0 49	21 54	0 4	18 54
M10	22 8	14 31	5 10	23 33	0 56	19 53	1 27	14 24	1 24	21 38	0 7	16 19	0 49	21 54	0 4	18 55
T 11	22 1	9 15	5 5	23 26	1 5	19 35	1 28	14 37	1 23	21 36	0 7	16 17	0 49	21 53	0 4	18 55
W12	21 53	3 44	4 43	23 17	1 12	19 16	1 29	14 50	1 23	21 34	0 7	16 15	0 49	21 53	0 4	18 55
T 13	21 44	1s46	4 8	23 5	1 20	18 57	1 30	15 3	1 23	21 31	0 7	16 13	0 49	21 53	0 4	18 56
F 14	21 35	7 4	3 23	22 51	1 26	18 38	1 31	15 16	1 22	21 29	0 7	16 11	0 49	21 53	0 4	18 56
S 15	21 26	12 0	2 29	22 34	1 31	18 18	1 31	15 28	1 22	21 27	0 7	16 8	0 49	21 53	0 4	18 56
S 16	21 16	16 24	1 29	22 14	1 36	17 58	1 32	15 41	1 21	21 25	0 7	16 6	0 49	21 52	0 4	18 57
M17	21 6	20 8	0 27	21 52	1 40	17 37	1 33	15 53	1 21	21 23	0 7	16 4	0 49	21 52	0 4	18 57
T 18	20 56	23 2	0s37	21 28	1 44	17 15	1 33	16 5	1 20	21 20	0 7	16 2	0 49	21 52	0 4	18 58
W19	20 45	24 57	1 39	21 2	1 46	16 54	1 34	16 17	1 20	21 18	0 8	16 0	0 49	21 52	0 4	18 58
T 20	20 34	25 44	2 37	20 34	1 48	16 31	1 34	16 29	1 19	21 16	0 8	15 57	0 49	21 51	0 4	18 58
F 21	20 23	25 19	3 29	20 4	1 49	16 9	1 34	16 40	1 19	21 13	0 8	15 55	0 49	21 51	0 4	18 59
S 22	20 11	23 40	4 12	19 33	1 49	15 45	1 35	16 52	1 18	21 11	0 8	15 53	0 49	21 51	0 4	18 59
S 23	19 59	20 53	4 43	19 3	1 49	15 22	1 35	17 3	1 18	21 9	0 8	15 51	0 49	21 51	0 4	18 59
M24	19 46	17 5	5 1	18 26	1 48	14 58	1 35	17 14	1 17	21 6	0 8	15 48	0 49	21 51	0 4	19 0
T 25	19 34	12 27	5 5	17 51	1 46	14 34	1 35	17 25	1 17	21 4	0 8	15 46	0 49	21 51	0 4	19 0
W26	19 21	7 12	4 53	17 14	1 44	14 9	1 35	17 36	1 16	21 2	0 8	15 44	0 49	21 50	0 4	19 1
T 27	19 7	1 32	4 25	16 37	1 41	13 44	1 35	17 46	1 15	20 59	0 8	15 41	0 50	21 50	0 4	19 1
F 28	18 54	4n18	3 42	15 59	1 38	13 18	1 35	17 57	1 15	20 57	0 8	15 39	0 50	21 50	0 4	19 1
S 29	18 40	10 3	2 46	15 20	1 34	12 52	1 34	18 7	1 14	20 54	0 8	15 37	0 50	21 50	0 4	19 2
S 30	18 25	15 25	1 39	14 41	1 29	12 26	1 34	18 17	1 14	20 52	0 9	15 35	0 50	21 50	0 4	19 2
M31	18n11	20n 2	0s24	14n 1	1n24	12n 0	1n34	18n27	1s13	20n49	0n 9	15n32	0n50	21s50	0n 4	19s 3

Julian Day Number = 2690594.5, Delta T = 23m54s

Ecliptic obliquity = 23°21'19, Nutation = - 0°00'16

Ayanamsha: Fagan/Bradley = 33°53'44, Lahiri = 33°00'44

# ASTRODIENST EPHEMERIS for the year 2654

AUGUST 2654

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 38 12	9♂ 3'28	16♂ 7	28♂ 3	3♂44	28♂38	27♂15	20♂10	10°R 8	2°R30	7♂17	6°R16	4♂55	17♂16	5°R 2	T 1
W 2	20 42 8	10° 0'48	0♂43	29°44	4°57	29°20	27°28	20°18	10♂ 7	2♂29	7°19	6♂14	4°52	17°23	5°Y 1	W 2
T 3	20 46 5	10°58'08	15°26	1♂23	6°10	0♂ 1	27°41	20°26	10° 6	2°27	7°20	6°10	4°49	17°29	5° 0	T 3
F 4	20 50 1	11°55'29	0♂ 7	3° 0	7°23	0°42	27°55	20°33	10° 6	2°25	7°21	6° 2	4°45	17°36	4°58	F 4
S 5	20 53 58	12°52'50	14°42	4°35	8°36	1°22	28° 8	20°41	10° 5	2°24	7°22	5°53	4°42	17°43	4°57	S 5
S 6	20 57 54	13°50'13	29° 1	6° 8	9°48	2° 3	28°21	20°49	10° 4	2°22	7°24	5°43	4°39	17°49	4°55	S 6
M 7	21 1 151	14°47'35	12♂59	7°40	11° 1	2°44	28°35	20°56	10° 4	2°21	7°25	5°33	4°36	17°56	4°54	M 7
T 8	21 5 47	15°44'58	26°33	9° 9	12°14	3°24	28°48	21° 4	10° 3	2°19	7°26	5°23	4°33	18° 3	4°52	T 8
W 9	21 9 44	16°42'22	9♂42	10°37	13°27	4° 4	29° 1	21°12	10° 3	2°17	7°27	5°16	4°30	18° 9	4°51	W 9
T 10	21 13 41	17°39'46	22°26	12° 3	14°40	4°45	29°14	21°20	10° 2	2°16	7°28	5°11	4°26	18°16	4°49	T 10
F 11	21 17 37	18°37'10	4♂49	13°27	15°52	5°25	29°27	21°27	10° 2	2°14	7°29	5° 9	4°23	18°23	4°47	F 11
S 12	21 21 34	19°34'35	16°56	14°49	17° 5	6° 5	29°41	21°35	10° 1	2°13	7°30	5°D 8	4°20	18°29	4°46	S 12
S 13	21 25 30	20°32'01	28°51	16° 9	18°18	6°44	29°54	21°43	10° 1	2°11	7°32	5°R 8	4°17	18°36	4°44	S 13
M14	21 29 27	21°29'27	10♂40	17°27	19°30	7°24	0♂ 7	21°50	10° 1	2°10	7°33	5° 8	4°14	18°42	4°42	M14
T 15	21 33 23	22°26'54	22°28	18°43	20°43	8° 4	0°20	21°58	10° 1	2° 8	7°34	5° 7	4°10	18°49	4°40	T 15
W16	21 37 20	23°24'22	4♂21	19°57	21°55	8°43	0°33	22° 6	10° 0	2° 7	7°35	5° 4	4° 7	18°56	4°38	W16
T 17	21 41 16	24°21'51	16°22	21° 9	23° 8	9°22	0°46	22°14	10° 0	2° 5	7°36	4°58	4° 4	19° 2	4°37	T 17
F 18	21 45 13	25°19'20	28°34	22°18	24°20	10° 1	0°59	22°21	10° 0	2° 4	7°37	4°50	4° 1	19° 9	4°35	F 18
S 19	21 49 10	26°16'50	11♂ 1	23°25	25°33	10°40	1°11	22°29	10°D 0	2° 2	7°38	4°39	3°58	19°16	4°33	S 19
S 20	21 53 6	27°14'21	23°43	24°30	26°45	11°19	1°24	22°37	10° 0	2° 1	7°39	4°27	3°55	19°22	4°31	S 20
M21	21 57 3	28°11'53	6♂39	25°32	27°58	11°58	1°37	22°44	10° 0	2° 0	7°40	4°14	3°51	19°29	4°28	M21
T 22	22 0 59	29° 9'26	19°49	26°32	29°10	12°36	1°50	22°52	10° 1	1°58	7°41	4° 2	3°48	19°36	4°26	T 22
W23	22 4 56	0♂ 7'00	3°Y12	27°28	0♂22	13°15	2° 3	23° 0	10° 1	1°57	7°42	3°52	3°45	19°42	4°24	W23
T 24	22 8 52	1° 4'36	16°45	28°22	1°35	13°53	2°15	23° 8	10° 1	1°55	7°43	3°44	3°42	19°49	4°22	T 24
F 25	22 12 49	2° 2'13	0♂28	29°13	2°47	14°31	2°28	23°15	10° 1	1°54	7°44	3°39	3°39	19°56	4°20	F 25
S 26	22 16 45	2°59'51	14°18	0♂ 0	3°59	15° 9	2°40	23°23	10° 2	1°53	7°45	3°37	3°36	20° 2	4°18	S 26
S 27	22 20 42	3°57'31	28°16	0°44	5°11	15°47	2°53	23°31	10° 2	1°51	7°45	3°36	3°32	20° 9	4°15	S 27
M28	22 24 39	4°55'12	12♂21	1°25	6°23	16°25	3° 5	23°38	10° 2	1°50	7°46	3°36	3°29	20°16	4°13	M28
T 29	22 28 35	5°52'56	26°33	2° 1	7°36	17° 2	3°18	23°46	10° 3	1°49	7°47	3°35	3°26	20°22	4°11	T 29
W30	22 32 32	6°50'40	10♂49	2°34	8°48	17°39	3°30	23°53	10° 4	1°47	7°48	3°32	3°23	20°29	4° 8	W30
T 31	22 36 28	7♂48'27	25♂ 8	3♂ 2	10♂ 0	18♂17	3♂42	24♂ 1	10♂ 4	1♂46	7♂49	3♂27	3♂20	20♂36	4°Y 6	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
T 1	17n56	23n30	0n52	13n21	1n19	11n33	1n33	18n37	1s12	20n47	0n 9	15n30	0n50	21s50	0n 4	19s 3
W 2	17 41	25 28	2 7	12 40	1 13	11 6	1 33	18 46	1 12	20 44	0 9	15 27	0 50	21 50	0 4	19 3
T 3	17 25	25 39	3 13	11 59	1 6	10 39	1 32	18 55	1 11	20 42	0 9	15 25	0 50	21 49	0 4	19 4
F 4	17 9	24 3	4 6	11 18	1 0	10 11	1 31	19 5	1 10	20 39	0 9	15 23	0 50	21 49	0 4	19 4
S 5	16 53	20 52	4 43	10 37	0 53	9 43	1 31	19 14	1 10	20 37	0 9	15 20	0 50	21 49	0 4	19 4
S 6	16 37	16 28	5 1	9 56	0 45	9 15	1 30	19 22	1 9	20 34	0 9	15 18	0 50	21 49	0 4	19 5
M 7	16 20	11 17	5 0	9 14	0 37	8 47	1 29	19 31	1 8	20 32	0 9	15 16	0 50	21 49	0 4	19 5
T 8	16 4	5 41	4 43	8 33	0 29	8 18	1 28	19 39	1 7	20 29	0 9	15 13	0 50	21 49	0 4	19 5
W 9	15 46	0 1	4 10	7 53	0 20	7 49	1 27	19 48	1 6	20 26	0 10	15 11	0 50	21 49	0 4	19 6
T 10	15 29	5s30	3 26	7 12	0 12	7 20	1 26	19 56	1 6	20 24	0 10	15 8	0 50	21 49	0 4	19 6
F 11	15 12	10 40	2 34	6 31	0 3	6 51	1 25	20 4	1 5	20 21	0 10	15 6	0 51	21 49	0 4	19 7
S 12	14 54	15 19	1 35	5 51	0s 7	6 22	1 23	20 11	1 4	20 18	0 10	15 4	0 51	21 49	0 4	19 7
S 13	14 36	19 17	0 33	5 12	0 16	5 52	1 22	20 19	1 4	20 16	0 10	15 1	0 51	21 49	0 4	19 7
M14	14 17	22 27	0s29	4 32	0 26	5 23	1 20	20 26	1 3	20 13	0 10	14 59	0 51	21 49	0 4	19 8
T 15	13 59	24 39	1 31	3 16	0 36	4 53	1 19	20 33	1 2	20 10	0 10	14 56	0 51	21 49	0 4	19 8
W16	13 40	25 45	2 28	3 54	0 46	4 23	1 17	20 40	1 1	20 8	0 10	14 54	0 51	21 49	0 4	19 8
T 17	13 21	25 40	3 20	2 38	0 56	3 53	1 16	20 47	1 0	20 5	0 10	14 51	0 51	21 49	0 4	19 9
F 18	13 2	24 20	4 3	2 1	1 7	3 23	1 14	20 54	0 59	20 2	0 10	14 49	0 51	21 49	0 4	19 9
S 19	12 43	21 49	4 36	1 25	1 17	2 52	1 12	21 0	0 59	20 0	0 11	14 47	0 51	21 49	0 4	19 9
S 20	12 23	18 13	4 55	0 50	1 28	2 22	1 10	21 6	0 58	19 57	0 11	14 44	0 51	21 49	0 4	19 10
M21	12 4	13 41	5 0	0 15	1 39	1 51	1 8	21 12	0 57	19 54	0 11	14 42	0 51	21 49	0 4	19 10
T 22	11 44	8 27	4 49	0s18	1 50	1 21	1 6	21 18	0 56	19 52	0 11	14 39	0 51	21 49	0 4	19 10
W23	11 24	2 45	4 22	0 50	2 0	0 50	1 4	21 24	0 55	19 49	0 11	14 37	0 52	21 49	0 4	19 11
T 24	11 3	3n10	3 41	1 22	2 11	0 20	1 2	21 30	0 54	19 46	0 11	14 34	0 52	21 49	0 4	19 11
F 25	10 43	9 0	2 46	1 52	2 22	0s11	1 0	21 35	0 53	19 43	0 11	14 32	0 52	21 49	0 4	19 11
S 26	10 22	14 29	1 40	2 20	2 33	0 42	0 58	21 40	0 52	19 41	0 11	14 30	0 52	21 49	0 4	19 12
S 27	10 1	19 15	0 28	2 48	2 43	1 12	0 56	21 45	0 51	19 38	0 11	14 27	0 52	21 49	0 4	19 12
M28	9 40	22 58	0n46	3 13	2 54	1 43	0 53	21 50	0 50	19 35	0 12	14 25	0 52	21 49	0 3	19 12
T 29	9 19	25 17	1 58	3 37	3 4	2 14	0 51	21 55	0 49	19 32	0 12	14 22	0 52	21 49	0 3	19 13
W30	8 58	25 57	3 3	3 59	3 14	2 44	0 48	21 59	0 48	19 30	0 12	14 20	0 52	21 49	0 3	19 13
T 31	8n37	24n55	3n57	4s20	3s24	3s15	0n46	22n 4	0s47	19n27	0n12	14n17	0n52	21s49	0n 3	19s13

Julian Day Number = 2690625.5, Delta T = 23m54s  
 Ecliptic obliquity = 23°21'19, Nutation = - 0°00'14  
 Ayanamsha: Fagan/Bradley = 33°53'49, Lahiri = 33°00'49

# ASTRODIENST EPHEMERIS for the year 2654

SEPTEMBER 2654

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 40 25	8 <sup>h</sup> 46'15	9 <sup>h</sup> 25	3 <sup>h</sup> 26	11 <sup>h</sup> 12	18 <sup>h</sup> 54	3 <sup>h</sup> 55	24 <sup>h</sup> 9	10 <sup>h</sup> 5	1 <sup>h</sup> R45	7 <sup>h</sup> 50	3 <sup>h</sup> R19	3 <sup>h</sup> 16	20 <sup>h</sup> 42	4 <sup>h</sup> R 4	F 1
S 2	22 44 21	9 <sup>h</sup> 44'04	23°36	3°46	12°24	19°30	4° 7	24°16	10° 6	1 <sup>h</sup> ≈44	7°50	3 <sup>h</sup> 11	3°13	20°49	4 <sup>h</sup> Y 1	S 2
S 3	22 48 18	10°41'54	7 <sup>h</sup> 35	4° 0	13°36	20° 7	4°19	24°24	10° 6	1°43	7°51	2°57	3°10	20°55	3°59	S 3
M 4	22 52 14	11°39'47	21°18	4° 9	14°48	20°43	4°31	24°31	10° 7	1°41	7°52	2°45	3° 7	21° 2	3°56	M 4
T 5	22 56 11	12°37'40	4 <sup>h</sup> 42	4°R13	16° 0	21°20	4°43	24°39	10° 8	1°40	7°53	2°34	3° 4	21° 9	3°54	T 5
W 6	23 0 8	13°35'35	17°43	4°11	17°12	21°56	4°55	24°46	10° 9	1°39	7°53	2°25	3° 1	21°15	3°51	W 6
T 7	23 4 4	14°33'31	0 <sup>h</sup> 24	4° 3	18°24	22°31	5° 7	24°54	10°10	1°38	7°54	2°19	2°57	21°22	3°48	T 7
F 8	23 8 1	15°31'28	12°45	3°49	19°35	23° 7	5°18	25° 1	10°11	1°37	7°55	2°15	2°54	21°29	3°46	F 8
S 9	23 11 57	16°29'27	24°52	3°29	20°47	23°43	5°30	25° 8	10°12	1°36	7°55	2°14	2°51	21°35	3°43	S 9
S 10	23 15 54	17°27'27	6 <sup>h</sup> 47	3° 3	21°59	24°18	5°42	25°16	10°13	1°35	7°56	2°D14	2°48	21°42	3°41	S 10
M11	23 19 50	18°25'28	18°36	2°31	23°11	24°53	5°53	25°23	10°14	1°34	7°56	2°R14	2°45	21°49	3°38	M11
T 12	23 23 47	19°23'31	0 <sup>h</sup> 25	1°53	24°22	25°28	6° 5	25°31	10°16	1°33	7°57	2°13	2°42	21°55	3°35	T 12
W13	23 27 43	20°21'35	12°20	1°10	25°34	26° 2	6°16	25°38	10°17	1°32	7°58	2°11	2°38	22° 2	3°33	W13
T 14	23 31 40	21°19'41	24°24	0°22	26°45	26°37	6°28	25°45	10°18	1°31	7°58	2° 7	2°35	22° 9	3°30	T 14
F 15	23 35 37	22°17'47	6 <sup>h</sup> 43	29 <sup>h</sup> 30	27°57	27°11	6°39	25°52	10°20	1°30	7°59	2° 0	2°32	22°15	3°27	F 15
S 16	23 39 33	23°15'56	19°19	28°34	29° 8	27°45	6°50	25°59	10°21	1°29	7°59	1°51	2°29	22°22	3°25	S 16
S 17	23 43 30	24°14'05	2 <sup>h</sup> 14	27°36	0 <sup>h</sup> 20	28°19	7° 1	26° 7	10°22	1°29	8° 0	1°40	2°26	22°29	3°22	S 17
M18	23 47 26	25°12'17	15°28	26°37	1°31	28°52	7°12	26°14	10°24	1°28	8° 0	1°29	2°22	22°35	3°19	M18
T 19	23 51 23	26°10'30	29° 0	25°38	2°42	29°25	7°23	26°21	10°26	1°27	8° 1	1°18	2°19	22°42	3°16	T 19
W20	23 55 19	27° 8'44	12 <sup>h</sup> Y47	24°40	3°54	29°58	7°34	26°28	10°27	1°26	8° 1	1° 9	2°16	22°49	3°14	W20
T 21	23 59 16	28° 7'01	26°45	23°45	5° 5	0 <sup>h</sup> 31	7°45	26°35	10°29	1°26	8° 1	1° 2	2°13	22°55	3°11	T 21
F 22	0 3 12	29° 5'19	10 <sup>h</sup> 35	22°54	6°16	1° 4	7°56	26°42	10°31	1°25	8° 2	0°58	2°10	23° 2	3° 8	F 22
S 23	0 7 9	0 <sup>h</sup> 23	3'39	25° 1	22° 8	7°27	1°36	26°49	10°32	1°24	8° 2	0°D57	2° 7	23° 8	3° 5	S 23
S 24	0 11 5	1° 2'02	9 <sup>h</sup> 12	21°29	8°38	2° 8	8°17	26°56	10°34	1°24	8° 2	0°57	2° 3	23°15	3° 3	S 24
M25	0 15 2	2° 0'27	23°22	20°57	9°49	2°40	8°27	27° 2	10°36	1°23	8° 3	0°57	2° 0	23°22	3° 0	M25
T 26	0 18 59	2°58'54	7 <sup>h</sup> 29	20°34	11° 0	3°12	8°38	27° 9	10°38	1°22	8° 3	0°R58	1°57	23°28	2°57	T 26
W27	0 22 55	3°57'23	21°34	20°19	12°11	3°43	8°48	27°16	10°40	1°22	8° 3	0°56	1°54	23°35	2°54	W27
T 28	0 26 52	4°55'54	5 <sup>h</sup> 24	20°D14	13°22	4°14	8°58	27°23	10°42	1°21	8° 4	0°53	1°51	23°42	2°52	T 28
F 29	0 30 48	5°54'27	19°27	20°18	14°33	4°45	9° 8	27°29	10°44	1°21	8° 4	0°47	1°47	23°48	2°49	F 29
S 30	0 34 45	6 <sup>h</sup> 53'02	3 <sup>h</sup> 12	20 <sup>h</sup> 32	15 <sup>h</sup> 44	5°515	9°18	27°36	10°46	1°20	8° 4	0°1139	1°1144	23°55	2°Y46	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	8n15	22n15	4n35	4s38	3s34	3s45	0n43	22n 8	0s46	19n24	0n12	14n15	0n52	21s50	0n 3	19s13
S 2	7 54	18 16	4 57	4 54	3 43	4 16	0 40	22 12	0 45	19 21	0 12	14 13	0 52	21 50	0 3	19 14
S 3	7 32	13 20	5 0	5 7	3 51	4 46	0 38	22 16	0 44	19 19	0 12	14 10	0 53	21 50	0 3	19 14
M 4	7 10	7 48	4 45	5 18	3 59	5 16	0 35	22 19	0 43	19 16	0 12	14 8	0 53	21 50	0 3	19 14
T 5	6 48	2 3	4 15	5 26	4 6	5 47	0 32	22 23	0 42	19 13	0 12	14 5	0 53	21 50	0 3	19 15
W 6	6 26	3s39	3 33	5 32	4 13	6 17	0 29	22 26	0 41	19 10	0 13	14 3	0 53	21 50	0 3	19 15
T 7	6 4	9 4	2 40	5 34	4 18	6 47	0 26	22 29	0 39	19 8	0 13	14 1	0 53	21 50	0 3	19 15
F 8	5 41	14 0	1 41	5 32	4 23	7 17	0 23	22 32	0 38	19 5	0 13	13 58	0 53	21 51	0 3	19 15
S 9	5 19	18 17	0 39	5 27	4 26	7 46	0 20	22 35	0 37	19 2	0 13	13 56	0 53	21 51	0 3	19 16
S 10	4 56	21 46	0s24	5 19	4 28	8 16	0 17	22 38	0 36	18 59	0 13	13 54	0 53	21 51	0 3	19 16
M11	4 34	24 18	1 26	5 7	4 29	8 46	0 14	22 41	0 35	18 57	0 13	13 51	0 53	21 51	0 3	19 16
T 12	4 11	25 45	2 24	4 51	4 28	9 15	0 11	22 43	0 34	18 54	0 13	13 49	0 54	21 51	0 3	19 16
W13	3 48	26 2	3 16	4 31	4 25	9 44	0 8	22 46	0 32	18 51	0 13	13 47	0 54	21 51	0 3	19 17
T 14	3 26	25 6	4 0	4 8	4 21	10 13	0 4	22 48	0 31	18 49	0 13	13 44	0 54	21 52	0 3	19 17
F 15	3 3	22 57	4 34	3 42	4 14	10 41	0 1	22 50	0 30	18 46	0 14	13 42	0 54	21 52	0 3	19 17
S 16	2 40	19 39	4 56	3 12	4 6	11 10	0s 2	22 52	0 29	18 43	0 14	13 40	0 54	21 52	0 3	19 17
S 17	2 17	15 21	5 3	2 39	3 56	11 38	0 6	22 53	0 27	18 41	0 14	13 37	0 54	21 52	0 3	19 17
M18	1 54	10 13	4 54	2 5	3 44	12 6	0 9	22 55	0 26	18 38	0 14	13 35	0 54	21 53	0 3	19 18
T 19	1 31	4 30	4 29	1 29	3 30	12 34	0 12	22 57	0 25	18 35	0 14	13 33	0 54	21 53	0 3	19 18
W20	1 8	1n32	3 47	0 52	3 14	13 1	0 16	22 58	0 23	18 33	0 14	13 30	0 55	21 53	0 3	19 18
T 21	0 45	7 37	2 52	0 15	2 57	13 28	0 19	22 59	0 22	18 30	0 14	13 28	0 55	21 53	0 3	19 18
F 22	0 22	13 22	1 45	0n22	2 39	13 55	0 23	23 1	0 21	18 27	0 14	13 26	0 55	21 54	0 3	19 18
S 23	0s 1	18 26	0 32	0 57	2 21	14 22	0 26	23 2	0 19	18 25	0 15	13 24	0 55	21 54	0 3	19 19
S 24	0 25	22 29	0n44	1 31	2 1	14 48	0 30	23 3	0 18	18 22	0 15	13 21	0 55	21 54	0 3	19 19
M25	0 48	25 8	1 57	2 1	1 41	15 14	0 33	23 3	0 16	18 20	0 15	13 19	0 55	21 54	0 3	19 19
T 26	1 11	26 11	3 3	2 29	1 21	15 40	0 37	23 4	0 15	18 17	0 15	13 17	0 55	21 55	0 3	19 19
W27	1 34	25 32	3 57	2 53	1 2	16 5	0 40	23 5	0 13	18 14	0 15	13 15	0 55	21 55	0 3	19 19
T 28	1 57	23 17	4 37	3 12	0 43	16 30	0 44	23 5	0 12	18 12	0 15	13 13	0 56	21 55	0 3	19 19
F 29	2 20	19 41	5 0	3 28	0 24	16 54	0 48	23 6	0 10	18 9	0 15	13 11	0 56	21 56	0 3	19 19
S 30	2s43	15n 3	5n 6	3n38	0s 6	17s18	0s51	23n 6	0s 9	18n 7	0n16	13n 8	0n56	21s56	0n 3	19s20

Julian Day Number = 2690656.5, Delta T = 23m55s  
 Ecliptic obliquity = 23°21'20, Nutation = - 0°00'14  
 Ayanamsha: Fagan/Bradley = 33°53'53, Lahiri = 33°00'53

## ASTRODIENST EPHEMERIS for the year 2654

OCTOBER 2654

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 38 41	7♂51'39	16♂45	20♂56	16♂55	5♂45	9♂28	27♂42	10♂48	1°R20	8♂4	0°R30	1♂41	24♂2	2°R43	S 1
M 2	0 42 38	8°50'19	0♂5	21°28	18°5	6°15	9°37	27°49	10°50	1♂20	8°4	0♂21	1°38	24°8	2°Y41	M 2
T 3	0 46 34	9°49'00	13°9	22°10	19°16	6°44	9°47	27°55	10°52	1°19	8°4	0°13	1°35	24°15	2°38	T 3
W 4	0 50 31	10°47'43	25°57	23°0	20°26	7°14	9°56	28°2	10°55	1°19	8°4	0°6	1°32	24°22	2°35	W 4
T 5	0 54 28	11°46'28	8♂28	23°58	21°37	7°42	10°6	28°8	10°57	1°19	8°5	0°2	1°28	24°28	2°32	T 5
F 6	0 58 24	12°45'15	20°43	25°3	22°47	8°11	10°15	28°14	10°59	1°18	8°5	29♂59	1°25	24°35	2°30	F 6
S 7	1 2 21	13°44'03	2♂46	26°14	23°58	8°39	10°24	28°21	11°2	1°18	8°5	29°D59	1°22	24°42	2°27	S 7
S 8	1 6 17	14°42'54	14°40	27°32	25°8	9°7	10°33	28°27	11°4	1°18	8°R5	29°59	1°19	24°48	2°24	S 8
M 9	1 10 14	15°41'46	26°29	28°55	26°18	9°34	10°42	28°33	11°6	1°18	8°5	0♂1	1°16	24°55	2°22	M 9
T 10	1 14 10	16°40'40	8♂18	0♂22	27°29	10°2	10°51	28°39	11°9	1°18	8°5	0°2	1°13	25°2	2°19	T 10
W 11	1 18 7	17°39'35	20°12	1°53	28°39	10°28	11°0	28°45	11°12	1°18	8°5	0°R3	1°9	25°8	2°16	W 11
T 12	1 22 3	18°38'33	2♂16	3°28	29°49	10°55	11°8	28°51	11°14	1°18	8°5	0°2	1°6	25°15	2°14	T 12
F 13	1 26 0	19°37'32	14°36	5°5	0♂59	11°21	11°17	28°57	11°17	1°D17	8°4	29♂59	1°3	25°22	2°11	F 13
S 14	1 29 57	20°36'32	27°15	6°45	2°9	11°46	11°25	29°2	11°19	1°18	8°4	29°54	1°0	25°28	2°8	S 14
S 15	1 33 53	21°35'35	10♂16	8°26	3°18	12°12	11°33	29°8	11°22	1°18	8°4	29°49	0°57	25°35	2°6	S 15
M 16	1 37 50	22°34'39	23°40	10°9	4°28	12°37	11°41	29°14	11°25	1°18	8°4	29°42	0°53	25°42	2°3	M 16
T 17	1 41 46	23°33'45	7♂27	11°53	5°38	13°1	11°49	29°19	11°27	1°18	8°4	29°37	0°50	25°48	2°1	T 17
W 18	1 45 43	24°32'53	21°34	13°38	6°47	13°25	11°57	29°25	11°30	1°18	8°4	29°32	0°47	25°55	1°58	W 18
T 19	1 49 39	25°32'03	5♂56	15°23	7°57	13°49	12°5	29°30	11°33	1°18	8°3	29°28	0°44	26°2	1°56	T 19
F 20	1 53 36	26°31'15	20°29	17°8	9°6	14°12	12°12	29°36	11°36	1°18	8°3	29°26	0°41	26°8	1°53	F 20
S 21	1 57 32	27°30'29	5♂4	18°54	10°15	14°35	12°20	29°41	11°39	1°18	8°3	29°D26	0°38	26°15	1°51	S 21
S 22	2 1 29	28°29'46	19°38	20°40	11°25	14°57	12°27	29°46	11°42	1°19	8°3	29°27	0°34	26°22	1°48	S 22
M 23	2 5 26	29°29'05	4♂5	22°25	12°34	15°19	12°34	29°51	11°45	1°19	8°2	29°29	0°31	26°28	1°44	M 23
T 24	2 9 22	0♂28'26	18°22	24°10	13°43	15°40	12°41	29°56	11°48	1°19	8°2	29°30	0°28	26°35	1°46	T 24
W 25	2 13 19	1°27'49	2♂26	25°55	14°52	16°1	12°48	0♂1	11°51	1°20	8°2	29°R30	0°25	26°42	1°41	W 25
T 26	2 17 15	2°27'15	16°17	27°39	16°0	16°22	12°54	0°6	11°54	1°20	8°1	29°30	0°22	26°48	1°39	T 26
F 27	2 21 12	3°26'43	29°55	29°23	17°9	16°42	13°1	0°11	11°57	1°21	8°1	29°28	0°19	26°55	1°37	F 27
S 28	2 25 8	4°26'13	13♂18	1♂6	18°18	17°1	13°7	0°16	12°0	1°21	8°0	29°25	0°15	27°1	1°35	S 28
S 29	2 29 5	5°25'45	26°28	2°49	19°26	17°20	13°14	0°21	12°3	1°22	8°0	29°21	0°12	27°8	1°33	S 29
M 30	2 33 1	6°25'20	9♂23	4°31	20°35	17°38	13°20	0°25	12°6	1°22	7°59	29°17	0°9	27°15	1°30	M 30
T 31	2 36 58	7♂24'56	22♂6	6♂13	21♂43	17♂56	13♂25	0♂30	12♂9	1♂23	7♂59	29♂14	0♂6	27♂21	1♂28	T 31

Day	☉	☽		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	3s 6	9n43	4n54	3n44	0n10	17s42	0s55	23n 7	0s 7	18n 4	0n16	13n 6	0n56	21s56	0n 3	19s20	0n29	16n27	6s41	20n11	20n26	25s11	4n 9	3n20			
M 2	3 30	4 2	4 26	3 46	0 26	18 6	0 58	23 7	0 6	18 2	0 16	13 4	0 56	21 56	0 3	19 20	0 29	16 27	6 41	20 9	20 25	25 12	4 8	3 20			
T 3	3 53	1s43	3 45	3 43	0 40	18 29	1 2	23 7	0 4	18 0	0 16	13 2	0 56	21 57	0 3	19 20	0 29	16 26	6 41	20 7	20 24	25 13	4 6	3 20			
W 4	4 15	7 18	2 53	3 35	0 53	18 51	1 6	23 7	0 3	17 57	0 16	13 0	0 56	21 57	0 3	19 20	0 29	16 26	6 41	20 6	20 24	25 14	4 5	3 20			
T 5	4 38	12 29	1 54	3 23	1 5	19 13	1 9	23 7	0 1	17 55	0 16	12 58	0 57	21 57	0 3	19 20	0 28	16 26	6 41	20 5	20 23	25 15	4 4	3 20			
F 6	5 1	17 4	0 50	3 7	1 15	19 35	1 13	23 7	0n 1	17 52	0 16	12 56	0 57	21 58	0 3	19 20	0 28	16 26	6 41	20 5	20 22	25 16	4 3	3 20			
S 7	5 24	20 53	0s15	2 47	1 24	19 56	1 16	23 7	0 2	17 50	0 16	12 54	0 57	21 58	0 3	19 20	0 28	16 26	6 41	20 5	20 22	25 17	4 2	3 20			
S 8	5 47	23 47	1 19	2 23	1 32	20 17	1 20	23 7	0 4	17 48	0 17	12 52	0 57	21 58	0 3	19 20	0 28	16 26	6 41	20 5	20 21	25 18	4 1	3 20			
M 9	6 9	25 37	2 19	1 57	1 39	20 37	1 24	23 6	0 6	17 45	0 17	12 50	0 57	21 59	0 3	19 20	0 28	16 26	6 42	20 5	20 20	25 20	3 59	3 20			
T 10	6 32	26 18	3 13	1 27	1 44	20 56	1 27	23 6	0 7	17 43	0 17	12 48	0 57	21 59	0 3	19 20	0 28	16 26	6 42	20 5	20 20	25 21	3 58	3 20			
W 11	6 54	25 47	3 59	0 55	1 48	21 16	1 31	23 6	0 9	17 41	0 17	12 46	0 57	22 0	0 3	19 20	0 28	16 26	6 42	20 5	20 19	25 22	3 57	3 19			
T 12	7 17	24 3	4 35	0 20	1 52	21 34	1 34	23 5	0 11	17 39	0 17	12 44	0 58	22 0	0 3	19 20	0 28	16 26	6 42	20 5	20 19	25 23	3 56	3 19			
F 13	7 39	21 10	5 0	0s16	1 54	21 52	1 38	23 5	0 13	17 37	0 17	12 42	0 58	22 0	0 3	19 21	0 28	16 25	6 42	20 5	20 18	25 24	3 55	3 19			
S 14	8 1	17 14	5 10	0 54	1 55	22 10	1 41	23 5	0 14	17 34	0 17	12 40	0 58	22 1	0 3	19 21	0 28	16 25	6 42	20 4	20 17	25 25	3 54	3 19			
S 15	8 23	12 24	5 6	1 34	1 55	22 27	1 44	23 4	0 16	17 32	0 18	12 39	0 58	22 1	0 3	19 21	0 28	16 25	6 42	20 2	20 17	25 26	3 52	3 19			
M 16	8 45	6 52	4 44	2 15	1 55	22 44	1 48	23 4	0 18	17 30	0 18	12 37	0 58	22 1	0 3	19 21	0 28	16 25	6 42	20 1	20 16	25 27	3 51	3 19			
T 17	9 7	0 49	4 6	2 56	1 54	23 0	1 51	23 3	0 20	17 28	0 18	12 35	0 58	22 2	0 3	19 21	0 28	16 25	6 42	20 0	20 15	25 28	3 50	3 19			
W 18	9 29	5n24	3 12	3 39	1 52	23 15	1 55	23 3	0 22	17 26	0 18	12 33	0 59	22 2	0 3	19 21	0 28	16 25	6 42	19 59	20 15	25 29	3 49	3 18			
T 19	9 50	11 29	2 5	4 21	1 49	23 30	1 58	23 2	0 24	17 24	0 18	12 31	0 59	22 3	0 3	19 21	0 28	16 25	6 43	19 58	20 14	25 30	3 48	3 18			
F 20	10 12	17 1	0 49	5 4	1 46	23 44	2 1	23 2	0 26	17 22	0 18	12 30	0 59	22 3	0 3	19 21	0 28	16 25	6 43	19 58	20 13	25 31	3 47	3 18			
S 21	10 33	21 35	0n31	5 48	1 43	23 57	2 4	23 1	0 28	17 20	0 19	12 28	0 59	22 3	0 3	19 21	0 28	16 25	6 43	19 58	20 13	25 32	3 46	3 18			
S 22	10 54	24 45	1 48	6 31	1 39	24 10	2 7	23 1	0 30	17 19	0 19	12 26	0 59	22 4	0 3	19 20	0 28	16 25	6 43	19 58	20 12	25 33	3 45	3 18			
M 23	11 15	26 16	2 59	7 14	1 34	24 23	2 10	23 0	0 32	17 17	0 19	12 25	0 59	22 4	0 3	19 20	0 28	16 25	6 43	19 58	20 11	25 34	3 44	3 18			
T 24	11 36	26 1	3 57	7 57	1 29	24 35	2 14	23 0	0 34	17 15	0 19	12 23	1 0	22 5	0 3	19 20	0 28	16 24	6 43	19 58	20 11	25 35	3 42	3 18			
W 25	11 57	24 5	4 40	8 40	1 24	24 46	2 17	23 0	0 36	17 13	0 19	12 21	1 0	22 5	0 3	19 20	0 28	16 24	6 43	19 58	20 10	25 36	3 41	3 17			
T 26	12 17	20 45	5 6	9 23	1 19	24 56	2 19	22 59	0 38	17 11	0 19	12 20	1 0	22 5	0 3	19 20	0 28	16 24	6 43	19 58	20 9	25 37	3 40	3 17			
F 27	12 37	16 22	5 14	10 5	1 13	25 6	2 22	22 59	0 40	17 10	0 20	12 18	1 0	22 6	0 3	19 20	0 28	16 24	6 43	19 58	20 9	25 38	3 39	3 17			
S 28	12 57	11 14	5 5	10 46	1 7	25 15	2 25	22 59	0 42	17 8	0 20	12 17	1 0	22 6	0 3	19 20	0 28	16 24	6 43	19 57	20 8	25 39	3 38	3 17			
S 29	13 17	5 41	4 40	11 27	1 1	25 24	2 28	22 59	0 45	17 6	0 20	12 15	1 0	22 7	0 3	19 20	0 28	16 24	6 43	19 56	20 7	25 40	3 37	3 17			
M 30	13 37	0s 1	4 1	12 7	0 55	25 31	2 31	22 58	0 47	17 5	0 20	12 14	1 1	22 7	0 3	19 20	0 28	16 24	6 44	19 56	20 7	25 41	3 36	3 17			
T 31	13s56	5s38	3n10	12s47	0n49	25s39	2s33	22n58	0n49	17n 3	0n20	12n13	1n 1	22s 8	0n 3	19s20	0n28	16n24	6s44	19n55	20n 6	25s41	3n35	3n16			

Julian Day Number = 2690686.5, Delta T = 23m55s  
Ecliptic obliquity = 23°21'20", Nutation = - 0°00'15  
Ayanamsha: Fagan/Bradley = 33°53'57, Lahiri = 33°00'57

# ASTRODIENST EPHEMERIS for the year 2654

NOVEMBER 2654

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 40 55	8♂24'35	4♂35	7♂54	22♂51	18♂13	13♂31	0♂34	12♂13	1♂23	7°R58	29°R11	0♂3	27♂28	1°R26	W 1
T 2	2 44 51	9°24'15	16°53	9°34	23°59	18°30	13°37	0°38	12°16	1°24	7♂58	29♂10	29♂59	27°35	1°Y24	T 2
F 3	2 48 48	10°23'58	28°59	11°14	25° 7	18°46	13°42	0°43	12°19	1°25	7°57	29°D 9	29°56	27°41	1°22	F 3
S 4	2 52 44	11°23'43	10♂57	12°53	26°15	19° 1	13°47	0°47	12°22	1°25	7°57	29°10	29°53	27°48	1°20	S 4
S 5	2 56 41	12°23'29	22°48	14°32	27°22	19°16	13°52	0°51	12°26	1°26	7°56	29°11	29°50	27°55	1°18	S 5
M 6	3 0 37	13°23'17	4♂36	16°10	28°30	19°30	13°57	0°55	12°29	1°27	7°56	29°12	29°47	28° 1	1°16	M 6
T 7	3 4 34	14°23'07	16°24	17°47	29°37	19°44	14° 2	0°59	12°33	1°28	7°55	29°14	29°44	28° 8	1°15	T 7
W 8	3 8 30	15°22'59	28°17	19°24	0♂45	19°57	14° 7	1° 3	12°36	1°28	7°54	29°15	29°40	28°15	1°13	W 8
T 9	3 12 27	16°22'52	10♂20	21° 1	1°52	20° 9	14°11	1° 6	12°39	1°29	7°54	29°15	29°37	28°21	1°11	T 9
F 10	3 16 24	17°22'47	22°36	22°37	2°59	20°21	14°15	1°10	12°43	1°30	7°53	29°R15	29°34	28°28	1° 9	F 10
S 11	3 20 20	18°22'43	5♂11	24°12	4° 5	20°32	14°19	1°13	12°46	1°31	7°52	29°15	29°31	28°35	1° 8	S 11
S 12	3 24 17	19°22'41	18° 9	25°47	5°12	20°42	14°23	1°17	12°50	1°32	7°52	29°14	29°28	28°41	1° 6	S 12
M13	3 28 13	20°22'40	1°Y32	27°22	6°18	20°52	14°27	1°20	12°53	1°33	7°51	29°13	29°25	28°48	1° 4	M13
T 14	3 32 10	21°22'41	15°21	28°56	7°24	21° 0	14°30	1°23	12°57	1°34	7°50	29°12	29°21	28°55	1° 3	T 14
W15	3 36 6	22°22'44	29°36	0♂30	8°30	21° 8	14°34	1°26	13° 0	1°35	7°49	29°11	29°18	29° 1	1° 2	W15
T 16	3 40 3	23°22'49	14♂13	2° 3	9°36	21°16	14°37	1°29	13° 4	1°36	7°49	29°10	29°15	29° 8	1° 0	T 16
F 17	3 43 59	24°22'55	29° 5	3°36	10°42	21°22	14°40	1°32	13° 7	1°37	7°48	29°D10	29°12	29°15	0°59	F 17
S 18	3 47 56	25°23'03	14♂11	5° 9	11°47	21°28	14°43	1°35	13°11	1°38	7°47	29°10	29° 9	29°21	0°57	S 18
S 19	3 51 53	26°23'13	29° 5	6°41	12°52	21°33	14°45	1°38	13°14	1°40	7°46	29°11	29° 5	29°28	0°56	S 19
M20	3 55 49	27°23'25	13♂56	8°13	13°57	21°38	14°47	1°41	13°18	1°41	7°45	29°11	29° 2	29°35	0°55	M20
T 21	3 59 46	28°23'39	28°32	9°44	15° 2	21°41	14°50	1°43	13°22	1°42	7°44	29°11	28°59	29°41	0°54	T 21
W22	4 3 42	29°23'55	12♂48	11°16	16° 7	21°44	14°52	1°46	13°25	1°43	7°44	29°R11	28°56	29°48	0°53	W22
T 23	4 7 39	0♂24'13	26°43	12°46	17°11	21°46	14°54	1°48	13°29	1°45	7°43	29°D11	28°53	29°55	0°52	T 23
F 24	4 11 35	1°24'32	10♂16	14°17	18°15	21°47	14°55	1°50	13°33	1°46	7°42	29°11	28°50	0♂3	0°51	F 24
S 25	4 15 32	2°24'54	23°29	15°47	19°18	21°R47	14°57	1°52	13°36	1°47	7°41	29°11	28°46	0° 8	0°50	S 25
S 26	4 19 28	3°25'17	6♂22	17°17	20°22	21°46	14°58	1°54	13°40	1°49	7°40	29°11	28°43	0°15	0°49	S 26
M27	4 23 25	4°25'43	19° 0	18°46	21°25	21°45	14°59	1°56	13°44	1°50	7°39	29°12	28°40	0°21	0°48	M27
T 28	4 27 22	5°26'10	1♂24	20°15	22°28	21°43	15° 0	1°58	13°47	1°52	7°38	29°13	28°37	0°28	0°47	T 28
W29	4 31 18	6°26'39	13°37	21°44	23°31	21°39	15° 0	1°59	13°51	1°53	7°37	29°13	28°34	0°35	0°46	W29
T 30	4 35 15	7♂27'09	25♂40	23♂12	24♂33	21♂35	15♂1	2♂1	13♂55	1♂54	7♂36	29°R13	28♂30	0♂41	0°Y45	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	14s16	10s56	2n11	13s26	0n42	25s45	2s36	22n58	0n51	17n 2	0n20	12n11	1n 1	22s 8	0n 3	19s20
T 2	14 35	15 45	1 7	14 4	0 35	25 51	2 38	22 58	0 54	17 0	0 20	12 10	1 1	22 8	0 3	19 20
F 3	14 53	19 51	0 1	14 41	0 29	25 56	2 40	22 58	0 56	16 59	0 21	12 8	1 1	22 9	0 3	19 20
S 4	15 12	23 5	1s 5	15 18	0 22	26 1	2 43	22 59	0 58	16 58	0 21	12 7	1 2	22 9	0 3	19 19
S 5	15 30	25 17	2 7	15 54	0 15	26 5	2 45	22 59	1 1	16 56	0 21	12 6	1 2	22 10	0 3	19 19
M 6	15 48	26 20	3 4	16 29	0 9	26 8	2 47	22 59	1 3	16 55	0 21	12 5	1 2	22 10	0 3	19 19
T 7	16 6	26 12	3 53	17 3	0 2	26 10	2 49	23 0	1 6	16 54	0 21	12 3	1 2	22 11	0 3	19 19
W 8	16 23	24 52	4 32	17 36	0s 5	26 12	2 51	23 0	1 8	16 53	0 22	12 2	1 2	22 11	0 3	19 19
T 9	16 41	22 24	5 0	18 8	0 12	26 13	2 53	23 1	1 11	16 52	0 22	12 1	1 3	22 12	0 3	19 19
F 10	16 58	18 53	5 15	18 40	0 19	26 14	2 55	23 2	1 13	16 51	0 22	12 0	1 3	22 12	0 3	19 18
S 11	17 14	14 28	5 15	19 10	0 25	26 14	2 56	23 3	1 16	16 50	0 22	11 59	1 3	22 12	0 3	19 18
S 12	17 31	9 16	5 0	19 39	0 32	26 13	2 58	23 4	1 19	16 49	0 22	11 58	1 3	22 13	0 3	19 18
M13	17 47	3 30	4 28	20 8	0 39	26 11	2 59	23 5	1 21	16 48	0 22	11 57	1 3	22 13	0 3	19 18
T 14	18 3	2n38	3 40	20 35	0 45	26 9	3 0	23 6	1 24	16 47	0 23	11 56	1 3	22 14	0 3	19 18
W15	18 18	8 51	2 37	21 1	0 52	26 6	3 2	23 8	1 27	16 46	0 23	11 55	1 4	22 14	0 3	19 17
T 16	18 33	14 44	1 22	21 27	0 58	26 3	3 3	23 9	1 29	16 45	0 23	11 54	1 4	22 15	0 3	19 17
F 17	18 48	19 52	0 0	21 51	1 4	25 59	3 4	23 11	1 32	16 45	0 23	11 53	1 4	22 15	0 3	19 17
S 18	19 3	23 46	1n22	22 14	1 10	25 54	3 4	23 13	1 35	16 44	0 23	11 52	1 4	22 16	0 3	19 17
S 19	19 17	26 0	2 39	22 36	1 16	25 48	3 5	23 15	1 38	16 44	0 23	11 52	1 4	22 16	0 3	19 17
M20	19 30	26 21	3 44	22 57	1 22	25 42	3 6	23 17	1 40	16 43	0 24	11 51	1 5	22 16	0 3	19 16
T 21	19 44	24 51	4 34	23 17	1 28	25 36	3 6	23 19	1 43	16 43	0 24	11 50	1 5	22 17	0 3	19 16
W22	19 57	21 47	5 5	23 35	1 33	25 28	3 6	23 21	1 46	16 42	0 24	11 50	1 5	22 17	0 3	19 16
T 23	20 10	17 32	5 17	23 53	1 39	25 20	3 7	23 24	1 49	16 42	0 24	11 49	1 5	22 18	0 2	19 16
F 24	20 22	12 30	5 12	24 9	1 44	25 12	3 7	23 27	1 52	16 42	0 24	11 48	1 6	22 18	0 2	19 15
S 25	20 34	7 1	4 50	24 24	1 49	25 3	3 6	23 30	1 55	16 41	0 25	11 48	1 6	22 19	0 2	19 15
S 26	20 46	1 22	4 13	24 38	1 53	24 53	3 6	23 33	1 58	16 41	0 25	11 47	1 6	22 19	0 2	19 15
M27	20 57	4s15	3 25	24 50	1 58	24 43	3 6	23 36	2 1	16 41	0 25	11 47	1 6	22 20	0 2	19 14
T 28	21 8	9 36	2 29	25 2	2 2	24 32	3 5	23 39	2 4	16 41	0 25	11 46	1 6	22 20	0 2	19 14
W29	21 19	14 30	1 26	25 12	2 6	24 21	3 4	23 43	2 7	16 41	0 25	11 46	1 7	22 21	0 2	19 14
T 30	21s29	18s47	0n20	25s20	2s10	24s 9	3s 4	23n46	2n10	16n41	0n26	11n46	1n 7	22s21	0n 2	19s14

Julian Day Number = 2690717.5, Delta T = 23m56s  
 Ecliptic obliquity = 23°21'20", Nutation = - 0°00'16"  
 Ayanamsha: Fagan/Bradley = 33°54'01", Lahiri = 33°01'01"

# ASTRODIENST EPHEMERIS for the year 2654

DECEMBER 2654

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4 39 11	8 <sup>h</sup> 27 <sup>m</sup> 41 <sup>s</sup>	7 <sup>h</sup> 37 <sup>m</sup>	24 <sup>h</sup> 40 <sup>m</sup>	25 <sup>h</sup> 35 <sup>m</sup>	21 <sup>h</sup> R30	15 <sup>h</sup> Ω 1	2 <sup>h</sup> 2 <sup>m</sup> 2	13 <sup>h</sup> 27 <sup>m</sup> 58 <sup>s</sup>	1 <sup>h</sup> 55 <sup>m</sup> 56 <sup>s</sup>	7 <sup>h</sup> R35	29 <sup>h</sup> R13	28 <sup>h</sup> 27 <sup>m</sup>	0 <sup>h</sup> 34 <sup>m</sup> 48 <sup>s</sup>	0 <sup>h</sup> R45	F 1
S 2	4 43 8	9 <sup>h</sup> 28 <sup>m</sup> 15 <sup>s</sup>	19 <sup>h</sup> 29 <sup>m</sup>	26 <sup>h</sup> 7 <sup>m</sup>	26 <sup>h</sup> 36 <sup>m</sup>	21 <sup>h</sup> Ω24	15 <sup>h</sup> R 1	2 <sup>h</sup> 4 <sup>m</sup>	14 <sup>h</sup> 2 <sup>m</sup>	1 <sup>h</sup> 58 <sup>m</sup>	7 <sup>h</sup> Ω34	29 <sup>h</sup> Ω13	28 <sup>h</sup> 24 <sup>m</sup>	0 <sup>h</sup> 55 <sup>m</sup>	0 <sup>h</sup> Y44	S 2
S 3	4 47 4	10 <sup>h</sup> 28 <sup>m</sup> 50 <sup>s</sup>	1 <sup>h</sup> 38 <sup>m</sup>	27 <sup>h</sup> 34 <sup>m</sup>	27 <sup>h</sup> 38 <sup>m</sup>	21 <sup>h</sup> 18 <sup>m</sup>	15 <sup>h</sup> 1 <sup>m</sup>	2 <sup>h</sup> 5 <sup>m</sup>	14 <sup>h</sup> 6 <sup>m</sup>	1 <sup>h</sup> 59 <sup>m</sup>	7 <sup>h</sup> 33 <sup>m</sup>	29 <sup>h</sup> 12 <sup>m</sup>	28 <sup>h</sup> 21 <sup>m</sup>	1 <sup>h</sup> 1 <sup>m</sup>	0 <sup>h</sup> 44 <sup>m</sup>	S 3
M 4	4 51 1	11 <sup>h</sup> 29 <sup>m</sup> 27 <sup>s</sup>	13 <sup>h</sup> 7 <sup>m</sup>	29 <sup>h</sup> 0 <sup>m</sup>	28 <sup>h</sup> 39 <sup>m</sup>	21 <sup>h</sup> 10 <sup>m</sup>	15 <sup>h</sup> 1 <sup>m</sup>	2 <sup>h</sup> 6 <sup>m</sup>	14 <sup>h</sup> 9 <sup>m</sup>	2 <sup>h</sup> 1 <sup>m</sup>	7 <sup>h</sup> 32 <sup>m</sup>	29 <sup>h</sup> 10 <sup>m</sup>	28 <sup>h</sup> 18 <sup>m</sup>	1 <sup>h</sup> 8 <sup>m</sup>	0 <sup>h</sup> 43 <sup>m</sup>	M 4
T 5	4 54 57	12 <sup>h</sup> 30 <sup>m</sup> 05 <sup>s</sup>	24 <sup>h</sup> 57 <sup>m</sup>	0 <sup>h</sup> 32 <sup>m</sup> 25 <sup>s</sup>	29 <sup>h</sup> 39 <sup>m</sup>	21 <sup>h</sup> 1 <sup>m</sup>	15 <sup>h</sup> 0 <sup>m</sup>	2 <sup>h</sup> 7 <sup>m</sup>	14 <sup>h</sup> 13 <sup>m</sup>	2 <sup>h</sup> 2 <sup>m</sup>	7 <sup>h</sup> 31 <sup>m</sup>	29 <sup>h</sup> 8 <sup>m</sup>	28 <sup>h</sup> 15 <sup>m</sup>	1 <sup>h</sup> 15 <sup>m</sup>	0 <sup>h</sup> 43 <sup>m</sup>	T 5
W 6	4 58 54	13 <sup>h</sup> 30 <sup>m</sup> 43 <sup>s</sup>	6 <sup>h</sup> 55 <sup>m</sup> 1 <sup>s</sup>	1 <sup>h</sup> 50 <sup>m</sup>	0 <sup>h</sup> 33 <sup>m</sup> 39 <sup>s</sup>	20 <sup>h</sup> 52 <sup>m</sup>	14 <sup>h</sup> 59 <sup>m</sup>	2 <sup>h</sup> 8 <sup>m</sup>	14 <sup>h</sup> 17 <sup>m</sup>	2 <sup>h</sup> 4 <sup>m</sup>	7 <sup>h</sup> 30 <sup>m</sup>	29 <sup>h</sup> 6 <sup>m</sup>	28 <sup>h</sup> 11 <sup>m</sup>	1 <sup>h</sup> 21 <sup>m</sup>	0 <sup>h</sup> 42 <sup>m</sup>	W 6
T 7	5 2 51	14 <sup>h</sup> 31 <sup>m</sup> 23 <sup>s</sup>	18 <sup>h</sup> 54 <sup>m</sup>	3 <sup>h</sup> 14 <sup>m</sup>	1 <sup>h</sup> 39 <sup>m</sup>	20 <sup>h</sup> 42 <sup>m</sup>	14 <sup>h</sup> 58 <sup>m</sup>	2 <sup>h</sup> 9 <sup>m</sup>	14 <sup>h</sup> 20 <sup>m</sup>	2 <sup>h</sup> 6 <sup>m</sup>	7 <sup>h</sup> 29 <sup>m</sup>	29 <sup>h</sup> 4 <sup>m</sup>	28 <sup>h</sup> 8 <sup>m</sup>	1 <sup>h</sup> 28 <sup>m</sup>	0 <sup>h</sup> 42 <sup>m</sup>	T 7
F 8	5 6 47	15 <sup>h</sup> 32 <sup>m</sup> 05 <sup>s</sup>	1 <sup>h</sup> 38 <sup>m</sup> 8 <sup>s</sup>	4 <sup>h</sup> 36 <sup>m</sup>	2 <sup>h</sup> 38 <sup>m</sup>	20 <sup>h</sup> 31 <sup>m</sup>	14 <sup>h</sup> 57 <sup>m</sup>	2 <sup>h</sup> 9 <sup>m</sup>	14 <sup>h</sup> 24 <sup>m</sup>	2 <sup>h</sup> 7 <sup>m</sup>	7 <sup>h</sup> 28 <sup>m</sup>	29 <sup>h</sup> 2 <sup>m</sup>	28 <sup>h</sup> 5 <sup>m</sup>	1 <sup>h</sup> 35 <sup>m</sup>	0 <sup>h</sup> 42 <sup>m</sup>	F 8
S 9	5 10 44	16 <sup>h</sup> 32 <sup>m</sup> 47 <sup>s</sup>	13 <sup>h</sup> 38 <sup>m</sup>	5 <sup>h</sup> 58 <sup>m</sup>	3 <sup>h</sup> 37 <sup>m</sup>	20 <sup>h</sup> 19 <sup>m</sup>	14 <sup>h</sup> 56 <sup>m</sup>	2 <sup>h</sup> 10 <sup>m</sup>	14 <sup>h</sup> 28 <sup>m</sup>	2 <sup>h</sup> 9 <sup>m</sup>	7 <sup>h</sup> 27 <sup>m</sup>	29 <sup>h</sup> D 2 <sup>m</sup>	28 <sup>h</sup> 2 <sup>m</sup>	1 <sup>h</sup> 41 <sup>m</sup>	0 <sup>h</sup> 42 <sup>m</sup>	S 9
S 10	5 14 40	17 <sup>h</sup> 33 <sup>m</sup> 30 <sup>s</sup>	26 <sup>h</sup> 28 <sup>m</sup>	7 <sup>h</sup> 18 <sup>m</sup>	4 <sup>h</sup> 35 <sup>m</sup>	20 <sup>h</sup> 6 <sup>m</sup>	14 <sup>h</sup> 54 <sup>m</sup>	2 <sup>h</sup> 10 <sup>m</sup>	14 <sup>h</sup> 32 <sup>m</sup>	2 <sup>h</sup> 11 <sup>m</sup>	7 <sup>h</sup> 25 <sup>m</sup>	29 <sup>h</sup> 2 <sup>m</sup>	27 <sup>h</sup> 59 <sup>m</sup>	1 <sup>h</sup> 48 <sup>m</sup>	0 <sup>h</sup> 42 <sup>m</sup>	S 10
M11	5 18 37	18 <sup>h</sup> 34 <sup>m</sup> 14 <sup>s</sup>	9 <sup>h</sup> Y42 <sup>m</sup>	8 <sup>h</sup> 36 <sup>m</sup>	5 <sup>h</sup> 33 <sup>m</sup>	19 <sup>h</sup> 53 <sup>m</sup>	14 <sup>h</sup> 53 <sup>m</sup>	2 <sup>h</sup> 11 <sup>m</sup>	14 <sup>h</sup> 35 <sup>m</sup>	2 <sup>h</sup> 12 <sup>m</sup>	7 <sup>h</sup> 24 <sup>m</sup>	29 <sup>h</sup> 3 <sup>m</sup>	27 <sup>h</sup> 56 <sup>m</sup>	1 <sup>h</sup> 55 <sup>m</sup>	0 <sup>h</sup> 41 <sup>m</sup>	M11
T 12	5 22 33	19 <sup>h</sup> 34 <sup>m</sup> 59 <sup>s</sup>	23 <sup>h</sup> 22 <sup>m</sup>	9 <sup>h</sup> 53 <sup>m</sup>	6 <sup>h</sup> 31 <sup>m</sup>	19 <sup>h</sup> 38 <sup>m</sup>	14 <sup>h</sup> 51 <sup>m</sup>	2 <sup>h</sup> 11 <sup>m</sup>	14 <sup>h</sup> 39 <sup>m</sup>	2 <sup>h</sup> 14 <sup>m</sup>	7 <sup>h</sup> 23 <sup>m</sup>	29 <sup>h</sup> 4 <sup>m</sup>	27 <sup>h</sup> 52 <sup>m</sup>	2 <sup>h</sup> 1 <sup>m</sup>	0 <sup>h</sup> D41	T 12
W13	5 26 30	20 <sup>h</sup> 35 <sup>m</sup> 44 <sup>s</sup>	7 <sup>h</sup> 30 <sup>m</sup>	11 <sup>h</sup> 8 <sup>m</sup>	7 <sup>h</sup> 27 <sup>m</sup>	19 <sup>h</sup> 23 <sup>m</sup>	14 <sup>h</sup> 49 <sup>m</sup>	2 <sup>h</sup> R11	14 <sup>h</sup> 43 <sup>m</sup>	2 <sup>h</sup> 16 <sup>m</sup>	7 <sup>h</sup> 22 <sup>m</sup>	29 <sup>h</sup> 6 <sup>m</sup>	27 <sup>h</sup> 49 <sup>m</sup>	2 <sup>h</sup> 8 <sup>m</sup>	0 <sup>h</sup> 41 <sup>m</sup>	W13
T 14	5 30 26	21 <sup>h</sup> 36 <sup>m</sup> 31 <sup>s</sup>	22 <sup>h</sup> 3 <sup>m</sup>	12 <sup>h</sup> 20 <sup>m</sup>	8 <sup>h</sup> 24 <sup>m</sup>	19 <sup>h</sup> 7 <sup>m</sup>	14 <sup>h</sup> 46 <sup>m</sup>	2 <sup>h</sup> 11 <sup>m</sup>	14 <sup>h</sup> 46 <sup>m</sup>	2 <sup>h</sup> 18 <sup>m</sup>	7 <sup>h</sup> 21 <sup>m</sup>	29 <sup>h</sup> R 7 <sup>m</sup>	27 <sup>h</sup> 46 <sup>m</sup>	2 <sup>h</sup> 15 <sup>m</sup>	0 <sup>h</sup> 42 <sup>m</sup>	T 14
F 15	5 34 23	22 <sup>h</sup> 37 <sup>m</sup> 19 <sup>s</sup>	6 <sup>h</sup> II59 <sup>m</sup>	13 <sup>h</sup> 29 <sup>m</sup>	9 <sup>h</sup> 19 <sup>m</sup>	18 <sup>h</sup> 51 <sup>m</sup>	14 <sup>h</sup> 44 <sup>m</sup>	2 <sup>h</sup> 11 <sup>m</sup>	14 <sup>h</sup> 50 <sup>m</sup>	2 <sup>h</sup> 20 <sup>m</sup>	7 <sup>h</sup> 20 <sup>m</sup>	29 <sup>h</sup> 6 <sup>m</sup>	27 <sup>h</sup> 43 <sup>m</sup>	2 <sup>h</sup> 21 <sup>m</sup>	0 <sup>h</sup> 42 <sup>m</sup>	F 15
S 16	5 38 20	23 <sup>h</sup> 38 <sup>m</sup> 08 <sup>s</sup>	22 <sup>h</sup> 10 <sup>m</sup>	14 <sup>h</sup> 36 <sup>m</sup>	10 <sup>h</sup> 15 <sup>m</sup>	18 <sup>h</sup> 33 <sup>m</sup>	14 <sup>h</sup> 41 <sup>m</sup>	2 <sup>h</sup> 11 <sup>m</sup>	14 <sup>h</sup> 54 <sup>m</sup>	2 <sup>h</sup> 22 <sup>m</sup>	7 <sup>h</sup> 19 <sup>m</sup>	29 <sup>h</sup> 5 <sup>m</sup>	27 <sup>h</sup> 40 <sup>m</sup>	2 <sup>h</sup> 28 <sup>m</sup>	0 <sup>h</sup> 42 <sup>m</sup>	S 16
S 17	5 42 16	24 <sup>h</sup> 38 <sup>m</sup> 58 <sup>s</sup>	7 <sup>h</sup> Ω26 <sup>m</sup>	15 <sup>h</sup> 39 <sup>m</sup>	11 <sup>h</sup> 9 <sup>m</sup>	18 <sup>h</sup> 15 <sup>m</sup>	14 <sup>h</sup> 38 <sup>m</sup>	2 <sup>h</sup> 10 <sup>m</sup>	14 <sup>h</sup> 58 <sup>m</sup>	2 <sup>h</sup> 23 <sup>m</sup>	7 <sup>h</sup> 18 <sup>m</sup>	29 <sup>h</sup> 3 <sup>m</sup>	27 <sup>h</sup> 37 <sup>m</sup>	2 <sup>h</sup> 35 <sup>m</sup>	0 <sup>h</sup> 42 <sup>m</sup>	S 17
M18	5 46 13	25 <sup>h</sup> 39 <sup>m</sup> 49 <sup>s</sup>	22 <sup>h</sup> 38 <sup>m</sup>	16 <sup>h</sup> 37 <sup>m</sup>	12 <sup>h</sup> 3 <sup>m</sup>	17 <sup>h</sup> 57 <sup>m</sup>	14 <sup>h</sup> 35 <sup>m</sup>	2 <sup>h</sup> 10 <sup>m</sup>	15 <sup>h</sup> 1 <sup>m</sup>	2 <sup>h</sup> 25 <sup>m</sup>	7 <sup>h</sup> 16 <sup>m</sup>	28 <sup>h</sup> 59 <sup>m</sup>	27 <sup>h</sup> 33 <sup>m</sup>	2 <sup>h</sup> 41 <sup>m</sup>	0 <sup>h</sup> 42 <sup>m</sup>	M18
T 19	5 50 9	26 <sup>h</sup> 40 <sup>m</sup> 42 <sup>s</sup>	7 <sup>h</sup> Ω35 <sup>m</sup>	17 <sup>h</sup> 31 <sup>m</sup>	12 <sup>h</sup> 56 <sup>m</sup>	17 <sup>h</sup> 37 <sup>m</sup>	14 <sup>h</sup> 32 <sup>m</sup>	2 <sup>h</sup> 9 <sup>m</sup>	15 <sup>h</sup> 5 <sup>m</sup>	2 <sup>h</sup> 27 <sup>m</sup>	7 <sup>h</sup> 15 <sup>m</sup>	28 <sup>h</sup> 55 <sup>m</sup>	27 <sup>h</sup> 30 <sup>m</sup>	2 <sup>h</sup> 48 <sup>m</sup>	0 <sup>h</sup> 43 <sup>m</sup>	T 19
W20	5 54 6	27 <sup>h</sup> 41 <sup>m</sup> 35 <sup>s</sup>	22 <sup>h</sup> 10 <sup>m</sup>	18 <sup>h</sup> 20 <sup>m</sup>	13 <sup>h</sup> 49 <sup>m</sup>	17 <sup>h</sup> 18 <sup>m</sup>	14 <sup>h</sup> 28 <sup>m</sup>	2 <sup>h</sup> 9 <sup>m</sup>	15 <sup>h</sup> 8 <sup>m</sup>	2 <sup>h</sup> 29 <sup>m</sup>	7 <sup>h</sup> 14 <sup>m</sup>	28 <sup>h</sup> 51 <sup>m</sup>	27 <sup>h</sup> 27 <sup>m</sup>	2 <sup>h</sup> 55 <sup>m</sup>	0 <sup>h</sup> 43 <sup>m</sup>	W20
T 21	5 58 2	28 <sup>h</sup> 42 <sup>m</sup> 30 <sup>s</sup>	6 <sup>h</sup> Y18 <sup>m</sup>	19 <sup>h</sup> 2 <sup>m</sup>	14 <sup>h</sup> 41 <sup>m</sup>	16 <sup>h</sup> 57 <sup>m</sup>	14 <sup>h</sup> 25 <sup>m</sup>	2 <sup>h</sup> 8 <sup>m</sup>	15 <sup>h</sup> 12 <sup>m</sup>	2 <sup>h</sup> 31 <sup>m</sup>	7 <sup>h</sup> 13 <sup>m</sup>	28 <sup>h</sup> 48 <sup>m</sup>	27 <sup>h</sup> 24 <sup>m</sup>	3 <sup>h</sup> 1 <sup>m</sup>	0 <sup>h</sup> 44 <sup>m</sup>	T 21
F 22	6 1 59	29 <sup>h</sup> 43 <sup>m</sup> 25 <sup>s</sup>	19 <sup>h</sup> 58 <sup>m</sup>	19 <sup>h</sup> 37 <sup>m</sup>	15 <sup>h</sup> 32 <sup>m</sup>	16 <sup>h</sup> 36 <sup>m</sup>	14 <sup>h</sup> 21 <sup>m</sup>	2 <sup>h</sup> 7 <sup>m</sup>	15 <sup>h</sup> 16 <sup>m</sup>	2 <sup>h</sup> 33 <sup>m</sup>	7 <sup>h</sup> 12 <sup>m</sup>	28 <sup>h</sup> 46 <sup>m</sup>	27 <sup>h</sup> 21 <sup>m</sup>	3 <sup>h</sup> 8 <sup>m</sup>	0 <sup>h</sup> 44 <sup>m</sup>	F 22
S 23	6 5 56	0 <sup>h</sup> 34 <sup>m</sup> 42 <sup>s</sup>	3 <sup>h</sup> Ω10 <sup>m</sup>	20 <sup>h</sup> 5 <sup>m</sup>	16 <sup>h</sup> 22 <sup>m</sup>	16 <sup>h</sup> 15 <sup>m</sup>	14 <sup>h</sup> 17 <sup>m</sup>	2 <sup>h</sup> 6 <sup>m</sup>	15 <sup>h</sup> 19 <sup>m</sup>	2 <sup>h</sup> 35 <sup>m</sup>	7 <sup>h</sup> 11 <sup>m</sup>	28 <sup>h</sup> D46 <sup>m</sup>	27 <sup>h</sup> 17 <sup>m</sup>	3 <sup>h</sup> 15 <sup>m</sup>	0 <sup>h</sup> 45 <sup>m</sup>	S 23
S 24	6 9 52	1 <sup>h</sup> 45 <sup>m</sup> 20 <sup>s</sup>	15 <sup>h</sup> 59 <sup>m</sup>	20 <sup>h</sup> 23 <sup>m</sup>	17 <sup>h</sup> 12 <sup>m</sup>	15 <sup>h</sup> 53 <sup>m</sup>	14 <sup>h</sup> 13 <sup>m</sup>	2 <sup>h</sup> 5 <sup>m</sup>	15 <sup>h</sup> 23 <sup>m</sup>	2 <sup>h</sup> 37 <sup>m</sup>	7 <sup>h</sup> 9 <sup>m</sup>	28 <sup>h</sup> 47 <sup>m</sup>	27 <sup>h</sup> 14 <sup>m</sup>	3 <sup>h</sup> 21 <sup>m</sup>	0 <sup>h</sup> 46 <sup>m</sup>	S 24
M25	6 13 49	2 <sup>h</sup> 46 <sup>m</sup> 19 <sup>s</sup>	28 <sup>h</sup> 28 <sup>m</sup>	20 <sup>h</sup> R33 <sup>m</sup>	18 <sup>h</sup> 0 <sup>m</sup>	15 <sup>h</sup> 31 <sup>m</sup>	14 <sup>h</sup> 8 <sup>m</sup>	2 <sup>h</sup> 4 <sup>m</sup>	15 <sup>h</sup> 27 <sup>m</sup>	2 <sup>h</sup> 39 <sup>m</sup>	7 <sup>h</sup> 8 <sup>m</sup>	28 <sup>h</sup> 48 <sup>m</sup>	27 <sup>h</sup> 11 <sup>m</sup>	3 <sup>h</sup> 28 <sup>m</sup>	0 <sup>h</sup> 46 <sup>m</sup>	M25
T 26	6 17 45	3 <sup>h</sup> 47 <sup>m</sup> 19 <sup>s</sup>	10 <sup>h</sup> Y42 <sup>m</sup>	20 <sup>h</sup> 31 <sup>m</sup>	18 <sup>h</sup> 48 <sup>m</sup>	15 <sup>h</sup> 8 <sup>m</sup>	14 <sup>h</sup> 4 <sup>m</sup>	2 <sup>h</sup> 2 <sup>m</sup>	15 <sup>h</sup> 30 <sup>m</sup>	2 <sup>h</sup> 41 <sup>m</sup>	7 <sup>h</sup> 7 <sup>m</sup>	28 <sup>h</sup> 50 <sup>m</sup>	27 <sup>h</sup> 8 <sup>m</sup>	3 <sup>h</sup> 35 <sup>m</sup>	0 <sup>h</sup> 47 <sup>m</sup>	T 26
W27	6 21 42	4 <sup>h</sup> 48 <sup>m</sup> 20 <sup>s</sup>	22 <sup>h</sup> 43 <sup>m</sup>	20 <sup>h</sup> 19 <sup>m</sup>	19 <sup>h</sup> 35 <sup>m</sup>	14 <sup>h</sup> 45 <sup>m</sup>	13 <sup>h</sup> 59 <sup>m</sup>	2 <sup>h</sup> 1 <sup>m</sup>	15 <sup>h</sup> 34 <sup>m</sup>	2 <sup>h</sup> 43 <sup>m</sup>	7 <sup>h</sup> 6 <sup>m</sup>	28 <sup>h</sup> 51 <sup>m</sup>	27 <sup>h</sup> 5 <sup>m</sup>	3 <sup>h</sup> 42 <sup>m</sup>	0 <sup>h</sup> 48 <sup>m</sup>	W27
T 28	6 25 38	5 <sup>h</sup> 49 <sup>m</sup> 22 <sup>s</sup>	4 <sup>h</sup> Y38 <sup>m</sup>	19 <sup>h</sup> 55 <sup>m</sup>	20 <sup>h</sup> 21 <sup>m</sup>	14 <sup>h</sup> 22 <sup>m</sup>	13 <sup>h</sup> 54 <sup>m</sup>	1 <sup>h</sup> 59 <sup>m</sup>	15 <sup>h</sup> 37 <sup>m</sup>	2 <sup>h</sup> 45 <sup>m</sup>	7 <sup>h</sup> 5 <sup>m</sup>	28 <sup>h</sup> R51 <sup>m</sup>	27 <sup>h</sup> 2 <sup>m</sup>	3 <sup>h</sup> 48 <sup>m</sup>	0 <sup>h</sup> 49 <sup>m</sup>	T 28
F 29	6 29 35	6 <sup>h</sup> 50 <sup>m</sup> 25 <sup>s</sup>	16 <sup>h</sup> 28 <sup>m</sup>	19 <sup>h</sup> 20 <sup>m</sup>	21 <sup>h</sup> 6 <sup>m</sup>	13 <sup>h</sup> 58 <sup>m</sup>	13 <sup>h</sup> 49 <sup>m</sup>	1 <sup>h</sup> 58 <sup>m</sup>	15 <sup>h</sup> 41 <sup>m</sup>	2 <sup>h</sup> 47 <sup>m</sup>	7 <sup>h</sup> 3 <sup>m</sup>	28 <sup>h</sup> 50 <sup>m</sup>	26 <sup>h</sup> 58 <sup>m</sup>	3 <sup>h</sup> 55 <sup>m</sup>	0 <sup>h</sup> 50 <sup>m</sup>	F 29
S 30	6 33 31	7 <sup>h</sup> 51 <sup>m</sup> 29 <sup>s</sup>	28 <sup>h</sup> 16 <sup>m</sup>	18 <sup>h</sup> 33 <sup>m</sup>	21 <sup>h</sup> 50 <sup>m</sup>	13 <sup>h</sup> 35 <sup>m</sup>	13 <sup>h</sup> 44 <sup>m</sup>	1 <sup>h</sup> 56 <sup>m</sup>	15 <sup>h</sup> 44 <sup>m</sup>	2 <sup>h</sup> 49 <sup>m</sup>	7 <sup>h</sup> 2 <sup>m</sup>	28 <sup>h</sup> 46 <sup>m</sup>	26 <sup>h</sup> 55 <sup>m</sup>	4 <sup>h</sup> 2 <sup>m</sup>	0 <sup>h</sup> 51 <sup>m</sup>	S 30
S 31	6 37 28	8 <sup>h</sup> 52 <sup>m</sup> 33 <sup>s</sup>	10 <sup>h</sup> 35 <sup>m</sup>	17 <sup>h</sup> 36 <sup>m</sup>	22 <sup>h</sup> 33 <sup>m</sup>	13 <sup>h</sup> Ω11 <sup>m</sup>	13 <sup>h</sup> Ω38 <sup>m</sup>	1 <sup>h</sup> Y54 <sup>m</sup>	15 <sup>h</sup> Y48 <sup>m</sup>	2 <sup>h</sup> 55 <sup>m</sup>	7 <sup>h</sup> Ω 1 <sup>m</sup>	28 <sup>h</sup> Ω40 <sup>m</sup>	26 <sup>h</sup> Ω52 <sup>m</sup>	4 <sup>h</sup> 38 <sup>m</sup>	0 <sup>h</sup> Y52 <sup>m</sup>	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	21s38	22s16	0s46	25s28	2s13	23s56	3s 2	23n50	2n13	16n41	0n26	11n45	1n 7	22s21	0n 2	19s13	0n27	16n24	6s45	19n55	19n45	26s 7	3n12	3n10			
S 2	21 48	24 46	1 50	25 34	2 16	23 43	3 1	23 54	2 16	16 41	0 26	11 45	1 7	22 22	0 2	19 13	0 27	16 24	6 45	19 55	19 44	26 7	3 11	3 9			
S 3	21 56	26 10	2 49	25 39	2 19	23 30	3 0	23 58	2 19	16 41	0 26	11 45	1 7	22 22	0 2	19 13	0 27	16 24	6 46	19 54	19 43	26 8	3 11	3 9			
M 4	22 5	26 22	3 40	25 42	2 21	23 16	2 58	24 2	2 22	16 42	0 26	11 45	1 8	22 23	0 2	19 12	0 27	16 24	6 46	19 54	19 43	26 9	3 11	3 9			
T 5	22 13	25 22	4 22	25 45	2 23	23 2	2 57	24 7	2 25	16 42	0 27	11 44	1 8	22 23	0 2	19 12	0 27	16 24	6 46	19 54	19 42	26 9	3 10	3 9			
W 6	22 21	23 13	4 53	25 45	2 25	22 47	2 55	24 11	2 28	16 43	0 27	11 44	1 8	22 24	0 2	19 12	0 27	16 24	6 46	19 53	19 41	26 10	3 10	3 9			
T 7	22 28	20 2	5 11	25 45	2 26	22 32	2 52	24 16	2 32	16 43	0 27	11 44	1 8	22 24	0 2	19 11	0 27	16 24	6 46	19 53	19 41	26 11	3 10	3 8			
F 8	22 34	15 57	5 16	25 43	2 27	22 16	2 50	24 21	2 35	16 43	0 27	11 44	1 8	22 25	0 2	19 11	0 27	16 24	6 46	19 52	19 40	26 11	3 9	3 8			
S 9	22 41	11 7	5 6	25 40	2 27	22 0	2 48	24 25	2 38	16 44	0 27	11 44	1 9	22 25	0 2	19 11	0 27	16 24	6 46	19 52	19 39	26 12	3 9	3 8			
S 10	22 47	5 42	4 41	25 35	2 26	21 43	2 45	24 30	2 41	16 45	0 28	11 44	1 9	22 25	0 2	19 10	0 27	16 24	6 46	19 52	19 38	26 13	3 9	3 8			
M11	22 52	0n 9	4 0	25 30	2 25	21 26	2 42	24 35	2 44	16 45	0 28	11 44	1 9	22 26	0 2	19 10	0 27	16 24	6 46	19 53	19 38	26 13	3 8	3 7			
T 12	22 57	6 11	3 5	25 23	2 24	21 9	2 39	24 40	2 47	16 46	0 28	11 44	1 9	22 26	0 2	19 9	0 27	16 24	6 46	19 53	19 37	26 14	3 8	3 7			
W13	23 1	12 8	1 56	25 14	2 21	20 51	2 36	24 45	2 50	16 47	0 28	11 45	1 10	22 27	0 2	19 9	0 27	16 24	6 46	19 53	19 36	26 15	3 8	3 7			
T 14	23 5	17 36	0 39	25 5	2 18	20 33	2 32	24 51	2 53	16 48	0 28	11 45	1 10	22 27	0 2	19 9	0 27	16 24	6 46	19 53	19 36	26 15	3 8	3 7			
F 15	23 9	22 7	0n43	24 54	2 14	20 15	2 29	24 56	2 55	16 49	0 28	11 45	1 10	22 28	0 2	19 8	0 27	16 24	6 46	19 53	19 35	26 16	3 8	3 6			
S 16	23 12	25 11	2 4	24 43	2 10	19 56	2 25	25 1	2 58	16 50	0 29	11 45	1 10	22 28	0 2	19 8	0 27	16 24	6 46	19 53	19 34	26 16	3 7	3 6			
S 17	23 15	26 24	3 15	24 30	2 4	19 37	2 20	25 6	3 1	16 51	0 29	11 46	1 10	22 28	0 2	19 7	0 27	16 24	6 46	19 52	19 33	26 17	3 7	3 6			
M18	23 17	25 37	4 13	24 16	1 58	19 18	2 16	25 12	3 4	16 52	0 29	11 46	1 11	22 29	0 2	19 7	0 27	16 24	6 46	19 52	19 33	26 18	3 7	3 6			
T 19	23 19	23 1	4 52	24 2	1 50	18 58	2 11	25 17	3 7	16 53	0 29	11 46	1 11	22 29	0 2	19 7	0 27	16 24	6 46	19 51	19 32	26 18	3 7	3 5			
W20	23 20	18 59	5 11	23 47	1 41	18 39	2 7	25 22	3 9	16 54	0 29	11 47	1 11	22 30	0 2	19 6	0 27	16 25	6 46	19 50	19 31	26 19	3 7	3 5			
T 21	23 21	13 59	5 11	23 31	1 32	18 19	2 2	25 27	3 12	16 55	0 30	11 47	1 11	22 30	0 2	19 6	0 27	16 25	6 45	19 49	19 31	26 19	3 7	3 5			
F 22	23 21	8 27	4 52	23 15	1 21	17 58	1 56	25 32	3 14	16 57	0 30	11 48	1 11	22 30	0 2	19 5	0 27	16 25	6 45	19 49	19 30	26 20	3 7	3 5			
S 23	23 21	2 42	4 19	22 59	1 8	17 38	1 51	25 38	3 17	16 58	0 30	11 48	1 12	22 31	0 2	19 5	0 27	16 25	6 45	19 49	19 29	26 20	3 7	3 4			
S 24	23 21	2s59	3 33	22 43	0 55	17 18	1 45	25 43	3 19	16 59	0 30	11 49	1 12	22 31	0 2	19 4	0 27	16 25	6 45	19 49	19 28	26 21	3 7	3 4			
M25	23 20	8 25	2 39	22 27	0 40	16 57	1 39	25 47	3 21	17 1	0 30	11 50	1 12	22 32	0 2	19 4	0 27	16 25	6 45	19 49	19 28	26 22	3 7	3 4			
T 26	23 18	13 26	1 38	22 11	0 24	16 36	1 32	25 52	3 24	17 2	0 31	11 50	1 12	22 32	0 2	19 4	0 27	16 25	6 45	19 50	19 27	26 22	3 7	3 4			
W27	23 16	17 51	0 33	21 56	0 6	16 15	1 26	25 57	3 26	17 4	0 31	11 51	1 12	22 32	0 2	19 3	0 27	16 25	6 45	19 50	19 26	26 23	3 7	3 3			
T 28	23 14	21 30	0s31	21 41	0n12	15 54	1 19	26 2	3 28	17 6	0 31	11 52	1 13	22 33	0 2	19 3	0 27	16 25	6 45	19 50	19 26	26 23	3 8	3 3			
F 29	23 11	24 14	1 34	21 27	0 31	15 33	1 12	26 6	3 30	17 7	0 31	11 52	1 13	22 33	0 2	19 2	0 27	16 25	6 45	19 50	19 25	26 24	3 8	3 3			
S 30	23 7	25 54	2 33	21 14	0 51	15 12	1 5	26 10	3 32	17 9	0 31	11 53	1 13	22 34	0 2	19 2	0 26	16 26	6 45	19 49	19 24	26 24	3 8	3 3			
S 31	23s 4	26s23	3s25	21s 2	1n11	14s51	0s57	26n15	3n33	17n11	0n32	11n54	1n13	22s34	0n 2	19s 1	0n26	16n26	6s45	19n48	19n23	26s25	3n 8	3n 7			

## ASTRODIENST EPHEMERIS for the year 2655

JANUARY 2655

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	6 41 25	9°53'38	21°56	16°R29	23°15	12°R48	13°R33	1°R52	15°51	2°54	7°R 0	28°R33	26°49	4°15	0°Y53	M 1
T 2	6 45 21	10°54'43	3°52	15°15	23°56	12°24	13°27	1°50	15°55	2°56	6°59	28°24	26°46	4°22	0°54	T 2
W 3	6 49 18	11°55'48	15°52	13°55	24°36	12° 0	13°21	1°48	15°58	2°58	6°58	28°16	26°43	4°28	0°55	W 3
T 4	6 53 14	12°56'54	28° 1	12°33	25°14	11°37	13°15	1°45	16° 2	3° 0	6°56	28° 8	26°39	4°35	0°56	T 4
F 5	6 57 11	13°58'00	10°19	11°10	25°51	11°13	13° 9	1°43	16° 5	3° 2	6°55	28° 1	26°36	4°42	0°58	F 5
S 6	7 1 7	14°59'06	22°50	9°51	26°27	10°50	13° 3	1°41	16° 8	3° 4	6°54	27°56	26°33	4°48	0°59	S 6
S 7	7 5 4	16° 0'12	5°37	8°37	27° 1	10°27	12°57	1°38	16°12	3° 7	6°53	27°54	26°30	4°55	1° 0	S 7
M 8	7 9 0	17° 1'18	18°42	7°30	27°34	10° 4	12°50	1°35	16°15	3° 9	6°52	27°D53	26°27	5° 2	1° 2	M 8
T 9	7 12 57	18° 2'25	2°10	6°32	28° 5	9°42	12°43	1°32	16°18	3°11	6°51	27°54	26°23	5° 8	1° 3	T 9
W10	7 16 54	19° 3'31	16° 3	5°44	28°35	9°20	12°37	1°30	16°22	3°13	6°49	27°55	26°20	5°15	1° 5	W10
T 11	7 20 50	20° 4'37	0°11	5° 6	29° 2	8°59	12°30	1°27	16°25	3°16	6°48	27°R55	26°17	5°22	1° 7	T 11
F 12	7 24 47	21° 5'43	15° 4	4°39	29°29	8°38	12°23	1°24	16°28	3°18	6°47	27°54	26°14	5°28	1° 8	F 12
S 13	7 28 43	22° 6'49	0°6	4°22	29°53	8°17	12°16	1°20	16°31	3°20	6°46	27°50	26°11	5°35	1°10	S 13
S 14	7 32 40	23° 7'55	15°20	4°D15	0°16	7°57	12° 8	1°17	16°35	3°22	6°45	27°44	26° 8	5°42	1°12	S 14
M15	7 36 36	24° 9'01	0°15	4°17	0°36	7°38	12° 1	1°14	16°38	3°24	6°44	27°36	26° 4	5°48	1°14	M15
T 16	7 40 33	25°10'07	15°42	4°28	0°55	7°19	11°54	1°11	16°41	3°27	6°43	27°27	26° 1	5°55	1°15	T 16
W17	7 44 30	26°11'13	0°19	4°46	1°12	7° 1	11°46	1° 7	16°44	3°29	6°41	27°18	25°58	6° 2	1°17	W17
T 18	7 48 26	27°12'18	14°50	5°12	1°26	6°43	11°39	1° 3	16°47	3°31	6°40	27°10	25°55	6° 8	1°19	T 18
F 19	7 52 23	28°13'25	28°40	5°44	1°39	6°26	11°31	1° 0	16°50	3°34	6°39	27° 3	25°52	6°15	1°21	F 19
S 20	7 56 19	29°14'31	12°1	6°22	1°49	6°10	11°23	0°56	16°53	3°36	6°38	27° 0	25°49	6°22	1°23	S 20
S 21	8 0 16	0°15'37	24°54	7° 5	1°57	5°55	11°16	0°52	16°56	3°38	6°37	26°58	25°45	6°28	1°26	S 21
M22	8 4 12	1°16'43	7°14	7°53	2° 2	5°40	11° 8	0°48	16°59	3°40	6°36	26°D58	25°42	6°35	1°28	M22
T 23	8 8 9	2°17'50	19°35	8°45	2° 6	5°26	11° 0	0°45	17° 2	3°43	6°35	26°59	25°39	6°42	1°30	T 23
W24	8 12 5	3°18'56	1°34	9°41	2°R 6	5°13	10°52	0°41	17° 5	3°45	6°34	26°R59	25°36	6°48	1°32	W24
T 25	8 16 2	4°20'02	13°24	10°40	2° 5	5° 0	10°44	0°36	17° 7	3°47	6°33	26°57	25°33	6°55	1°34	T 25
F 26	8 19 59	5°21'09	25°11	11°42	2° 1	4°49	10°36	0°32	17°10	3°49	6°32	26°53	25°29	7° 2	1°37	F 26
S 27	8 23 55	6°22'15	6°59	12°47	1°54	4°38	10°28	0°28	17°13	3°52	6°31	26°47	25°26	7° 8	1°39	S 27
S 28	8 27 52	7°23'20	18°50	13°55	1°45	4°28	10°20	0°24	17°16	3°54	6°30	26°37	25°23	7°15	1°41	S 28
M29	8 31 48	8°24'26	0°47	15° 4	1°33	4°19	10°12	0°20	17°18	3°56	6°29	26°25	25°20	7°22	1°44	M29
T 30	8 35 45	9°25'30	12°51	16°16	1°19	4°10	10° 4	0°15	17°21	3°59	6°28	26°11	25°17	7°29	1°46	T 30
W31	8 39 41	10°26'34	25°3	17°29	1°18	4°3	9°156	0°11	17°24	4°1	6°27	25°57	25°14	7°35	1°49	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	22s59	25s39	4s 8	20s51	1n30	14s29	0s49	26n19	3n35	17n12	0n32	11n55	1n13	22s34	0n 2	M 1
T 2	22 55	23 46	4 41	20 41	1 49	14 8	0 41	26 22	3 37	17 14	0 32	11 56	1 14	22 35	0 2	T 2
W 3	22 49	20 49	5 1	20 32	2 7	13 47	0 32	26 26	3 38	17 16	0 32	11 57	1 14	22 35	0 2	W 3
T 4	22 44	16 56	5 8	20 24	2 23	13 26	0 23	26 30	3 39	17 18	0 32	11 58	1 14	22 35	0 2	T 4
F 5	22 38	12 19	5 1	20 17	2 37	13 5	0 14	26 33	3 41	17 20	0 32	11 59	1 14	22 36	0 2	F 5
S 6	22 31	7 7	4 40	20 12	2 48	12 44	0 5	26 36	3 42	17 22	0 33	12 0	1 15	22 36	0 2	S 6
S 7	22 24	1 31	4 4	20 8	2 57	12 23	0n 5	26 39	3 43	17 24	0 33	12 1	1 15	22 37	0 2	S 7
M 8	22 17	4n18	3 15	20 5	3 4	12 2	0 15	26 42	3 44	17 26	0 33	12 2	1 15	22 37	0 2	M 8
T 9	22 9	10 5	2 14	20 4	3 8	11 42	0 25	26 44	3 45	17 28	0 33	12 4	1 15	22 37	0 2	T 9
W10	22 0	15 34	1 3	20 4	3 10	11 22	0 36	26 47	3 46	17 30	0 33	12 5	1 15	22 38	0 2	W10
T 11	21 52	20 22	0n13	20 6	3 10	11 2	0 47	26 49	3 46	17 32	0 34	12 6	1 15	22 38	0 2	T 11
F 12	21 42	24 2	1 31	20 9	3 8	10 42	0 58	26 51	3 47	17 34	0 34	12 7	1 16	22 38	0 2	F 12
S 13	21 33	26 5	2 44	20 13	3 4	10 23	1 10	26 53	3 47	17 36	0 34	12 9	1 16	22 39	0 2	S 13
S 14	21 23	26 13	3 46	20 18	2 59	10 4	1 22	26 54	3 48	17 38	0 34	12 10	1 16	22 39	0 2	S 14
M15	21 12	24 23	4 32	20 24	2 53	9 45	1 34	26 56	3 48	17 41	0 34	12 11	1 16	22 39	0 2	M15
T 16	21 2	20 49	4 58	20 31	2 46	9 27	1 47	26 57	3 48	17 43	0 34	12 13	1 16	22 40	0 2	T 16
W17	20 50	16 0	5 4	20 38	2 38	9 9	2 0	26 58	3 48	17 45	0 34	12 14	1 17	22 40	0 2	W17
T 18	20 39	10 25	4 51	20 45	2 30	8 51	2 13	26 59	3 48	17 47	0 35	12 15	1 17	22 40	0 2	T 18
F 19	20 27	4 30	4 20	20 53	2 21	8 35	2 26	27 0	3 48	17 50	0 35	12 17	1 17	22 40	0 2	F 19
S 20	20 14	1s25	3 36	21 0	2 12	8 18	2 40	27 0	3 48	17 52	0 35	12 18	1 17	22 41	0 2	S 20
S 21	20 1	7 5	2 43	21 7	2 3	8 2	2 53	27 1	3 48	17 54	0 35	12 20	1 17	22 41	0 2	S 21
M22	19 48	12 19	1 43	21 14	1 53	7 47	3 8	27 1	3 47	17 56	0 35	12 21	1 17	22 41	0 2	M22
T 23	19 35	16 56	0 39	21 21	1 44	7 33	3 22	27 1	3 47	17 59	0 35	12 23	1 18	22 42	0 2	T 23
W24	19 21	20 48	0s24	21 26	1 34	7 19	3 36	27 1	3 46	18 1	0 36	12 25	1 18	22 42	0 2	W24
T 25	19 7	23 45	1 26	21 32	1 24	7 6	3 51	27 1	3 46	18 3	0 36	12 26	1 18	22 42	0 2	T 25
F 26	18 52	25 40	2 24	21 36	1 15	6 54	4 6	27 1	3 45	18 6	0 36	12 28	1 18	22 42	0 2	F 26
S 27	18 37	26 26	3 16	21 40	1 5	6 42	4 20	27 1	3 45	18 8	0 36	12 29	1 18	22 43	0 2	S 27
S 28	18 22	25 59	3 59	21 43	0 56	6 31	4 35	27 1	3 44	18 10	0 36	12 31	1 18	22 43	0 2	S 28
M29	18 6	24 20	4 32	21 44	0 46	6 22	4 50	27 0	3 43	18 12	0 36	12 33	1 19	22 43	0 2	M29
T 30	17 50	21 34	4 53	21 45	0 37	6 13	5 5	27 0	3 42	18 15	0 36	12 34	1 19	22 44	0 2	T 30
W31	17s34	17s50	5s 0	21s45	0n28	6s 5	5n20	26n59	3n41	18n17	0n36	12n36	1n19	22s44	0n 2	W31

Julian Day Number = 2690778.5, Delta T = 23m56s

Ecliptic obliquity = 23°21'20, Nutation = - 0°00'14

Ayanamsha: Fagan/Bradley = 33°54'10, Lahiri = 33°01'10

# ASTRODIENST EPHEMERIS for the year 2655

FEBRUARY 2655

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 43 38	11°27'38	7°25	18°45	0°R44	3°R56	9°R48	0°R 6	17°26	4°3	6°R26	25°R44	25°10	7°42	1°Y52	T 1
F 2	8 47 34	12°28'40	19°55	20° 1	0°X22	3°E50	9°L40	0°R 2	17°29	4° 5	6°E25	25°R32	25° 7	7°49	1°54	F 2
S 3	8 51 31	13°29'42	2°Y37	21°19	29°59	3°45	9°32	29°L57	17°31	4° 8	6°24	25°23	25° 4	7°55	1°57	S 3
S 4	8 55 28	14°30'43	15°30	22°39	29°33	3°41	9°24	29°53	17°34	4°10	6°23	25°17	25° 1	8° 2	1°59	S 4
M 5	8 59 24	15°31'43	28°37	23°59	29° 5	3°37	9°16	29°48	17°36	4°12	6°22	25°15	24°58	8° 9	2° 2	M 5
T 6	9 3 21	16°32'42	12°1	25°21	28°35	3°35	9° 8	29°43	17°38	4°14	6°21	25°14	24°54	8°15	2° 5	T 6
W 7	9 7 17	17°33'40	25°43	26°44	28° 4	3°33	9° 0	29°39	17°41	4°17	6°20	25°14	24°51	8°22	2° 8	W 7
T 8	9 11 14	18°34'37	9°II46	28° 7	27°31	3°32	8°52	29°34	17°43	4°19	6°20	25°13	24°48	8°29	2°11	T 8
F 9	9 15 10	19°35'32	24° 8	29°32	26°57	3°D32	8°44	29°29	17°45	4°21	6°19	25°11	24°45	8°35	2°13	F 9
S 10	9 19 7	20°36'27	8°E49	0°58	26°22	3°32	8°36	29°24	17°47	4°23	6°18	25° 6	24°42	8°42	2°16	S 10
S 11	9 23 3	21°37'20	23°43	2°24	25°45	3°33	8°29	29°20	17°49	4°25	6°17	24°58	24°39	8°49	2°19	S 11
M12	9 27 0	22°38'12	8°L42	3°52	25° 9	3°35	8°21	29°15	17°52	4°28	6°16	24°48	24°35	8°55	2°22	M12
T 13	9 30 57	23°39'03	23°38	5°20	24°31	3°38	8°14	29°10	17°54	4°30	6°16	24°36	24°32	9° 2	2°25	T 13
W14	9 34 53	24°39'53	8°II21	6°49	23°54	3°41	8° 6	29° 5	17°56	4°32	6°15	24°24	24°29	9° 9	2°28	W14
T 15	9 38 50	25°40'42	22°42	8°19	23°17	3°45	7°59	29° 0	17°58	4°34	6°14	24°13	24°26	9°15	2°31	T 15
F 16	9 42 46	26°41'30	6°E38	9°50	22°40	3°50	7°51	28°55	17°59	4°36	6°13	24° 4	24°23	9°22	2°34	F 16
S 17	9 46 43	27°42'17	20° 4	11°21	22° 4	3°56	7°44	28°50	18° 1	4°38	6°13	23°58	24°20	9°29	2°38	S 17
S 18	9 50 39	28°43'03	3°III 3	12°53	21°29	4° 2	7°37	28°45	18° 3	4°41	6°12	23°55	24°16	9°35	2°41	S 18
M19	9 54 36	29°43'48	15°38	14°27	20°55	4° 9	7°30	28°41	18° 5	4°43	6°11	23°53	24°13	9°42	2°44	M19
T 20	9 58 32	0°X44'33	27°53	16° 0	20°23	4°16	7°23	28°36	18° 7	4°45	6°11	23°53	24°10	9°49	2°47	T 20
W21	10 2 29	1°45'16	9°X53	17°35	19°52	4°24	7°17	28°31	18° 8	4°47	6°10	23°53	24° 7	9°56	2°50	W21
T 22	10 6 26	2°45'58	21°45	19°11	19°23	4°33	7°10	28°26	18°10	4°49	6°10	23°52	24° 4	10° 2	2°53	T 22
F 23	10 10 22	3°46'40	3°E33	20°47	18°55	4°42	7° 3	28°21	18°11	4°51	6° 9	23°48	24° 0	10° 9	2°57	F 23
S 24	10 14 19	4°47'20	15°22	22°24	18°30	4°52	6°57	28°16	18°13	4°53	6° 9	23°42	23°57	10°16	3° 0	S 24
S 25	10 18 15	5°47'59	27°17	24° 2	18° 7	5° 2	6°51	28°11	18°14	4°55	6° 8	23°33	23°54	10°22	3° 3	S 25
M26	10 22 12	6°48'37	9°X20	25°41	17°46	5°14	6°45	28° 7	18°16	4°57	6° 7	23°21	23°51	10°29	3° 7	M26
T 27	10 26 8	7°49'13	21°34	27°21	17°28	5°25	6°39	28° 2	18°17	4°59	6° 7	23° 8	23°48	10°36	3°10	T 27
W28	10 30 5	8°X49'49	3°X59	29°51	17°12	5°E37	6°L33	27°L57	18°X18	5°51	6°E 6	22°X54	23°X45	10°E42	3°Y13	W28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	17s17	13s19	4s54	21s44	0n19	5s57	5n34	26n58	3n41	18n19	0n37	12n38	1n19	22s44	0n 2	18s45
F 2	17 0 8 11	4 34	21 42	0 10	5 51	5 49	26 58	3 40	18 22	0 37	12 39	1 19	22 44	0 2	18 45	0 26
S 3	16 43	2 38	4 0	21 39	0 2	5 46	6 3	26 57	3 39	18 24	0 37	12 41	1 19	22 44	0 2	18 44
S 4	16 25	3n 6	3 13	21 34	0s 6	5 42	6 16	26 56	3 38	18 26	0 37	12 43	1 19	22 45	0 2	18 44
M 5	16 7 8 50	2 16	21 28	0 15	5 39	6 30	26 55	3 37	18 28	0 37	12 45	1 20	22 45	0 2	18 43	0 26
T 6	15 49	14 17	1 9	21 22	0 22	5 37	6 43	26 54	3 35	18 30	0 37	12 46	1 20	22 45	0 2	18 43
W 7	15 31	19 10	0n 3	21 14	0 30	5 36	6 55	26 53	3 34	18 33	0 37	12 48	1 20	22 45	0 2	18 42
T 8	15 12	23 5	1 16	21 5	0 38	5 36	7 7	26 52	3 33	18 35	0 37	12 50	1 20	22 46	0 2	18 42
F 9	14 53	25 40	2 26	20 54	0 45	5 37	7 18	26 51	3 32	18 37	0 37	12 52	1 20	22 46	0 2	18 41
S 10	14 34	26 32	3 28	20 43	0 52	5 39	7 28	26 49	3 31	18 39	0 38	12 54	1 20	22 46	0 2	18 41
S 11	14 15	25 30	4 17	20 30	0 58	5 42	7 38	26 48	3 30	18 41	0 38	12 55	1 20	22 46	0 2	18 40
M12	13 55	22 39	4 48	20 16	1 5	5 45	7 46	26 47	3 28	18 43	0 38	12 57	1 20	22 46	0 2	18 39
T 13	13 35	18 19	5 0	20 1	1 11	5 50	7 54	26 46	3 27	18 45	0 38	12 59	1 21	22 47	0 2	18 39
W14	13 15	12 55	4 51	19 45	1 17	5 55	8 1	26 44	3 26	18 47	0 38	13 1	1 21	22 47	0 2	18 38
T 15	12 55	6 56	4 24	19 27	1 22	6 1	8 7	26 43	3 25	18 49	0 38	13 3	1 21	22 47	0 2	18 38
F 16	12 34	0 47	3 42	19 8	1 28	6 8	8 12	26 41	3 23	18 51	0 38	13 4	1 21	22 47	0 2	18 37
S 17	12 14	5s13	2 49	18 48	1 33	6 15	8 17	26 40	3 22	18 53	0 38	13 6	1 21	22 47	0 2	18 37
S 18	11 53	10 48	1 48	18 27	1 38	6 23	8 20	26 38	3 21	18 55	0 38	13 8	1 21	22 48	0 2	18 36
M19	11 32	15 46	0 44	18 4	1 42	6 32	8 22	26 37	3 20	18 57	0 38	13 10	1 21	22 48	0 2	18 36
T 20	11 10	19 58	0s21	17 40	1 46	6 40	8 23	26 35	3 18	18 59	0 38	13 12	1 21	22 48	0 2	18 35
W21	10 49	23 14	1 24	17 15	1 50	6 49	8 24	26 34	3 17	19 0	0 38	13 13	1 21	22 48	0 2	18 35
T 22	10 27	25 27	2 22	16 49	1 53	6 59	8 23	26 32	3 16	19 2	0 38	13 15	1 21	22 48	0 2	18 34
F 23	10 5	26 32	3 13	16 21	1 56	7 8	8 22	26 30	3 14	19 4	0 38	13 17	1 21	22 48	0 2	18 34
S 24	9 43	26 24	3 57	15 53	1 59	7 18	8 20	26 29	3 13	19 6	0 39	13 19	1 22	22 48	0 2	18 33
S 25	9 21	25 3	4 30	15 23	2 2	7 27	8 17	26 27	3 12	19 7	0 39	13 20	1 22	22 49	0 2	18 33
M26	8 59	22 32	4 52	14 51	2 4	7 37	8 13	26 25	3 10	19 9	0 39	13 22	1 22	22 49	0 2	18 33
T 27	8 36	19 0	5 0	14 19	2 5	7 46	8 9	26 24	3 9	19 10	0 39	13 24	1 22	22 49	0 2	18 32
W28	8s14	14s35	4s55	13s45	2s 7	7s56	8n 4	26n22	3n 8	19n12	0n39	13n25	1n22	22s49	0n 2	18s32

Julian Day Number = 2690809.5, Delta T = 23m57s  
 Ecliptic obliquity = 23°21'20, Nutation = - 0°00'13  
 Ayanamsha: Fagan/Bradley = 33°54'14, Lahiri = 33°01'14

## ASTRODIENST EPHEMERIS for the year 2655

MARCH 2655

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 34 1	9°50'22	16°37	0°43	16°R58	5°50	6°R27	27°R52	18°20	5°3	6°R 6	22°R41	23°41	10°349	3°Y17	T 1
F 2	10 37 58	10°50'54	29°26	2°25	16°47	6° 3	6°R22	27°R47	18°21	5° 5	6° 6	22°R30	23°38	10°56	3°20	F 2
S 3	10 41 54	11°51'25	12°26	4° 8	16°38	6°17	6°16	27°43	18°22	5° 7	6° 5	22°21	23°35	11° 2	3°24	S 3
S 4	10 45 51	12°51'54	25°38	5°53	16°32	6°31	6°11	27°38	18°23	5° 9	6° 5	22°15	23°32	11° 9	3°27	S 4
M 5	10 49 48	13°52'21	9° 0	7°38	16°28	6°46	6° 6	27°34	18°24	5°11	6° 4	22°12	23°29	11°16	3°31	M 5
T 6	10 53 44	14°52'46	22°33	9°24	16°D27	7° 1	6° 1	27°29	18°25	5°12	6° 4	22°D12	23°26	11°22	3°34	T 6
W 7	10 57 41	15°53'10	6°11	11°11	16°28	7°17	5°56	27°24	18°26	5°14	6° 4	22°12	23°22	11°29	3°38	W 7
T 8	11 1 37	16°53'31	20°14	12°59	16°31	7°33	5°52	27°20	18°27	5°16	6° 3	22°R12	23°19	11°36	3°41	T 8
F 9	11 5 34	17°53'51	4°24	14°48	16°37	7°50	5°47	27°16	18°28	5°18	6° 3	22°11	23°16	11°43	3°45	F 9
S 10	11 9 30	18°54'09	18°44	16°38	16°45	8° 7	5°43	27°11	18°29	5°20	6° 3	22° 8	23°13	11°49	3°48	S 10
S 11	11 13 27	19°54'25	3°13	18°29	16°55	8°24	5°39	27° 7	18°29	5°22	6° 3	22° 2	23°10	11°56	3°52	S 11
M12	11 17 24	20°54'39	17°45	20°21	17° 8	8°42	5°35	27° 3	18°30	5°23	6° 3	21°54	23° 6	12° 3	3°55	M12
T 13	11 21 20	21°54'50	2°16	22°14	17°22	9° 1	5°32	26°58	18°31	5°25	6° 2	21°44	23° 3	12° 9	3°59	T 13
W14	11 25 17	22°55'00	16°37	24° 8	17°39	9°19	5°28	26°54	18°31	5°27	6° 2	21°34	23° 0	12°16	4° 3	W14
T 15	11 29 13	23°55'08	0°42	26° 2	17°57	9°38	5°25	26°50	18°32	5°28	6° 2	21°25	22°57	12°23	4° 6	T 15
F 16	11 33 10	24°55'15	14°27	27°57	18°18	9°58	5°22	26°46	18°32	5°30	6° 2	21°18	22°54	12°29	4°10	F 16
S 17	11 37 6	25°55'19	27°50	29°53	18°40	10°18	5°19	26°42	18°33	5°32	6° 2	21°13	22°51	12°36	4°13	S 17
S 18	11 41 3	26°55'22	10°48	1°Y50	19° 4	10°38	5°16	26°38	18°33	5°33	6° 2	21°10	22°47	12°43	4°17	S 18
M19	11 44 59	27°55'24	23°25	3°47	19°30	10°58	5°13	26°34	18°33	5°35	6° 2	21°D10	22°44	12°49	4°21	M19
T 20	11 48 56	28°55'24	5°43	5°44	19°58	11°19	5°11	26°31	18°33	5°36	6° 2	21°11	22°41	12°56	4°24	T 20
W21	11 52 52	29°55'22	17°47	7°41	20°27	11°40	5° 9	26°27	18°34	5°38	6°D 2	21°12	22°38	13° 3	4°28	W21
T 22	11 56 49	0°Y55'19	29°41	9°38	20°57	12° 2	5° 7	26°23	18°34	5°39	6° 2	21°R13	22°35	13°10	4°31	T 22
F 23	12 0 46	1°55'14	11°31	11°34	21°30	12°24	5° 5	26°20	18°34	5°41	6° 2	21°12	22°32	13°16	4°35	F 23
S 24	12 4 42	2°55'07	23°23	13°30	22° 3	12°46	5° 4	26°17	18°R34	5°42	6° 2	21°10	22°28	13°23	4°39	S 24
S 25	12 8 39	3°54'59	5°20	15°25	22°38	13° 8	5° 2	26°13	18°34	5°44	6° 2	21° 5	22°25	13°30	4°42	S 25
M26	12 12 35	4°54'49	17°28	17°18	23°14	13°31	5° 1	26°10	18°34	5°45	6° 2	20°59	22°22	13°36	4°46	M26
T 27	12 16 32	5°54'38	29°48	19°10	23°52	13°54	5° 0	26° 7	18°34	5°46	6° 2	20°51	22°19	13°43	4°50	T 27
W28	12 20 28	6°54'24	12°42	20°59	24°31	14°18	4°59	26° 4	18°33	5°48	6° 2	20°43	22°16	13°50	4°53	W28
T 29	12 24 25	7°54'09	25°16	22°46	25°11	14°41	4°58	26° 1	18°33	5°49	6° 2	20°35	22°12	13°56	4°57	T 29
F 30	12 28 21	8°53'52	8°Y25	24°29	25°52	15° 5	4°58	25°58	18°33	5°50	6° 3	20°28	22° 9	14° 3	5° 1	F 30
S 31	12 32 18	9°Y53'33	21°Y48	26°Y 9	26°34	15°29	4°58	25°58	18°33	5°52	6° 3	20°23	22° 6	14°310	5°Y 4	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	7s51	9s30	4s35	13s10	2s 8	8s 5	7n58	26n20	3n 6	19n13	0n39	13n27	1n22	22s49	0n 2	T 1
F 2	7 28	3 55	4 1	12 34	2 8	8 14	7 52	26 18	3 5	19 15	0 39	13 29	1 22	22 49	0 2	F 2
S 3	7 5	1n55	3 14	11 57	2 8	8 23	7 46	26 16	3 4	19 16	0 39	13 31	1 22	22 49	0 2	S 3
S 4	6 42	7 46	2 16	11 18	2 8	8 31	7 39	26 14	3 2	19 17	0 39	13 32	1 22	22 49	0 2	S 4
M 5	6 19	13 21	1 10	10 39	2 7	8 39	7 31	26 12	3 1	19 19	0 39	13 34	1 22	22 50	0 2	M 5
T 6	5 56	18 22	0n 2	9 58	2 6	8 47	7 24	26 10	3 0	19 20	0 39	13 35	1 22	22 50	0 2	T 6
W 7	5 33	22 30	1 14	9 16	2 4	8 55	7 15	26 8	2 58	19 21	0 39	13 37	1 22	22 50	0 2	W 7
T 8	5 9	25 23	2 23	8 32	2 2	9 2	7 7	26 5	2 57	19 22	0 39	13 39	1 22	22 50	0 2	T 8
F 9	4 46	26 42	3 25	7 48	1 59	9 8	6 59	26 3	2 56	19 23	0 39	13 40	1 22	22 50	0 2	F 9
S 10	4 23	26 15	4 14	7 2	1 56	9 14	6 50	26 1	2 55	19 24	0 39	13 42	1 22	22 50	0 2	S 10
S 11	3 59	24 2	4 48	6 16	1 52	9 20	6 41	25 58	2 53	19 25	0 39	13 43	1 22	22 50	0 2	S 11
M12	3 35	20 16	5 3	5 28	1 48	9 25	6 31	25 56	2 52	19 26	0 39	13 45	1 22	22 50	0 2	M12
T 13	3 12	15 17	4 59	4 39	1 43	9 30	6 22	25 53	2 51	19 27	0 39	13 46	1 22	22 50	0 2	T 13
W14	2 48	9 30	4 36	3 50	1 38	9 34	6 13	25 51	2 50	19 28	0 39	13 48	1 22	22 50	0 2	W14
T 15	2 24	3 20	3 56	2 59	1 32	9 38	6 3	25 48	2 48	19 29	0 39	13 49	1 22	22 50	0 2	T 15
F 16	2 1	2s52	3 3	2 8	1 26	9 41	5 54	25 46	2 47	19 30	0 39	13 50	1 22	22 50	0 2	F 16
S 17	1 37	8 46	2 2	1 15	1 19	9 43	5 44	25 43	2 46	19 30	0 39	13 52	1 22	22 50	0 2	S 17
S 18	1 13	14 8	0 55	0 22	1 11	9 45	5 34	25 40	2 45	19 31	0 39	13 53	1 22	22 50	0 1	S 18
M19	0 49	18 45	0s12	0n32	1 3	9 47	5 24	25 37	2 43	19 32	0 39	13 54	1 22	22 50	0 1	M19
T 20	0 26	22 27	1 17	1 26	0 55	9 47	5 15	25 34	2 42	19 32	0 39	13 56	1 22	22 50	0 1	T 20
W21	0 2	25 5	2 18	2 20	0 46	9 48	5 5	25 31	2 41	19 33	0 39	13 57	1 22	22 50	0 1	W21
T 22	0n22	26 33	3 12	3 15	0 36	9 47	4 55	25 28	2 40	19 33	0 39	13 58	1 22	22 50	0 1	T 22
F 23	0 46	26 48	3 57	4 10	0 26	9 46	4 46	25 25	2 39	19 34	0 39	13 59	1 22	22 50	0 1	F 23
S 24	1 9	25 49	4 33	5 5	0 15	9 45	4 36	25 21	2 37	19 34	0 39	14 0	1 22	22 50	0 1	S 24
S 25	1 33	23 39	4 56	6 0	0 4	9 43	4 27	25 18	2 36	19 34	0 39	14 2	1 22	22 51	0 1	S 25
M26	1 57	20 25	5 7	6 54	0n 8	9 40	4 17	25 15	2 35	19 35	0 39	14 3	1 22	22 51	0 1	M26
T 27	2 20	16 15	5 4	7 47	0 20	9 37	4 8	25 11	2 34	19 35	0 39	14 4	1 22	22 51	0 1	T 27
W28	2 44	11 18	4 46	8 39	0 32	9 33	3 58	25 7	2 33	19 35	0 39	14 5	1 22	22 50	0 1	W28
T 29	3 7	5 45	4 14	9 30	0 44	9 29	3 49	25 4	2 32	19 35	0 39	14 6	1 22	22 50	0 1	T 29
F 30	3 31	0n 9	3 27	10 20	0 57	9 24	3 40	25 0	2 31	19 35	0 39	14 7	1 22	22 50	0 1	F 30
S 31	3n54	6n10	2s28	11n 8	1n 9	9s19	3n31	24n56	2n29	19n35	0n39	14n 8	1n22	22s50	0n 1	S 31

Julian Day Number = 2690837.5, Delta T = 23m57s

Ecliptic obliquity = 23°21'21", Nutation = - 0°00'13"

Ayanamsha: Fagan/Bradley = 33°54'18", Lahiri = 33°01'18"

# ASTRODIENST EPHEMERIS for the year 2655

APRIL 2655

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 36 15	10°Y53'11	5°R23	27°Y44	27°R17	15°S54	4°D58	25°R52	18°R32	5°S53	6°S 3	20°R20	22°R 3	14°S16	5°Y 8	S 1
M 2	12 40 11	11°52'48	19°10	29°15	28° 1	16°18	4°L58	25°L49	18°R32	5°54	6° 3	20°D19	22° 0	14°23	5°11	M 2
T 3	12 44 8	12°52'23	3°II 5	0°R41	28°46	16°43	4°58	25°47	18°31	5°55	6° 4	20°R20	21°57	14°30	5°15	T 3
W 4	12 48 4	13°51'55	17° 6	2° 2	29°32	17° 8	4°59	25°44	18°31	5°56	6° 4	20°21	21°53	14°37	5°19	W 4
T 5	12 52 1	14°51'26	1°S12	3°17	0°H18	17°34	5° 0	25°42	18°30	5°57	6° 4	20°23	21°50	14°43	5°22	T 5
F 6	12 55 57	15°50'54	15°21	4°26	1° 6	17°59	5° 0	25°40	18°29	5°58	6° 5	20°R23	21°47	14°50	5°26	F 6
S 7	12 59 54	16°50'19	29°32	5°28	1°54	18°25	5° 2	25°38	18°29	6° 0	6° 5	20°23	21°44	14°57	5°29	S 7
S 8	13 3 50	17°49'43	13°L43	6°24	2°44	18°51	5° 3	25°36	18°28	6° 1	6° 5	20°20	21°41	15° 3	5°33	S 8
M 9	13 7 47	18°49'04	27°50	7°13	3°33	19°18	5° 4	25°34	18°27	6° 2	6° 6	20°17	21°37	15°10	5°37	M 9
T 10	13 11 44	19°48'22	11°II52	7°55	4°24	19°44	5° 6	25°32	18°26	6° 2	6° 6	20°12	21°34	15°17	5°40	T 10
W 11	13 15 40	20°47'39	25°44	8°29	5°15	20°11	5° 8	25°30	18°25	6° 3	6° 7	20° 8	21°31	15°23	5°44	W 11
T 12	13 19 37	21°46'53	9°L23	8°57	6° 7	20°38	5°10	25°28	18°24	6° 4	6° 7	20° 3	21°28	15°30	5°47	T 12
F 13	13 23 33	22°46'05	22°47	9°17	7° 0	21° 5	5°12	25°27	18°23	6° 5	6° 8	20° 0	21°25	15°37	5°51	F 13
S 14	13 27 30	23°45'15	5°III53	9°29	7°53	21°32	5°15	25°25	18°22	6° 6	6° 8	19°58	21°22	15°43	5°54	S 14
S 15	13 31 26	24°44'24	18°42	9°R35	8°47	22° 0	5°17	25°24	18°21	6° 7	6° 9	19°D57	21°18	15°50	5°58	S 15
M 16	13 35 23	25°43'30	1°X13	9°34	9°41	22°27	5°20	25°23	18°20	6° 7	6° 9	19°58	21°15	15°57	6° 1	M 16
T 17	13 39 19	26°42'35	13°30	9°26	10°36	22°55	5°23	25°22	18°19	6° 8	6°10	19°59	21°12	16° 4	6° 5	T 17
W 18	13 43 16	27°41'38	25°34	9°11	11°32	23°23	5°26	25°21	18°18	6° 9	6°11	20° 1	21° 9	16°10	6° 8	W 18
T 19	13 47 13	28°40'39	7°S30	8°51	12°28	23°51	5°29	25°20	18°16	6°10	6°11	20° 2	21° 6	16°17	6°12	T 19
F 20	13 51 9	29°39'38	19°22	8°25	13°24	24°19	5°33	25°19	18°15	6°10	6°12	20° 3	21° 3	16°24	6°15	F 20
S 21	13 55 6	0°R38'36	1°R14	7°54	14°21	24°48	5°37	25°18	18°14	6°11	6°13	20°R 4	20°59	16°30	6°18	S 21
S 22	13 59 2	1°37'32	13°12	7°19	15°19	25°17	5°40	25°18	18°12	6°11	6°13	20° 3	20°56	16°37	6°22	S 22
M 23	14 2 59	2°36'26	25°21	6°41	16°17	25°45	5°44	25°17	18°11	6°12	6°14	20° 2	20°53	16°44	6°25	M 23
T 24	14 6 55	3°35'19	7°H44	6° 0	17°15	26°14	5°49	25°17	18° 9	6°12	6°15	20° 0	20°50	16°50	6°28	T 24
W 25	14 10 52	4°34'09	20°24	5°17	18°14	26°44	5°53	25°16	18° 8	6°13	6°15	19°58	20°47	16°57	6°32	W 25
T 26	14 14 48	5°32'58	3°Y24	4°33	19°13	27°13	5°58	25°16	18° 6	6°13	6°16	19°56	20°43	17° 4	6°35	T 26
F 27	14 18 45	6°31'45	16°46	3°48	20°12	27°42	6° 2	25°D16	18° 4	6°14	6°17	19°54	20°40	17°11	6°38	F 27
S 28	14 22 41	7°30'30	0°R27	3° 5	21°12	28°12	6° 7	25°16	18° 3	6°14	6°18	19°53	20°37	17°17	6°42	S 28
S 29	14 26 38	8°29'14	14°26	2°23	22°12	28°41	6°12	25°16	18° 1	6°14	6°19	19°D52	20°34	17°24	6°45	S 29
M 30	14 30 35	9°R27'55	28°R39	1°R43	23°H13	29°S11	6°L17	25°L17	17°X59	6°R15	6°S19	19°R52	20°R31	17°S31	6°Y48	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	4n18	12n 1	1s20	11n54	1n22	9s13	3n22	24n52	2n28	19n35	0n39	14n 9	1n22	22s50	0n 1	18s19
M 2	4 41	17 21	0 6	12 38	1 34	9 6	3 13	24 48	2 27	19 35	0 39	14 10	1 22	22 50	0 1	18 19
T 3	5 4	21 50	1n 9	13 20	1 46	8 59	3 4	24 44	2 26	19 35	0 39	14 10	1 22	22 50	0 1	18 18
W 4	5 27	25 4	2 21	13 59	1 57	8 52	2 55	24 40	2 25	19 35	0 39	14 11	1 22	22 50	0 1	18 18
T 5	5 50	26 45	3 24	14 35	2 8	8 43	2 47	24 35	2 24	19 35	0 39	14 12	1 22	22 50	0 1	18 18
F 6	6 13	26 42	4 16	15 8	2 19	8 35	2 38	24 31	2 23	19 35	0 39	14 13	1 22	22 50	0 1	18 18
S 7	6 36	24 56	4 52	15 38	2 29	8 26	2 30	24 26	2 22	19 34	0 39	14 13	1 22	22 50	0 1	18 17
S 8	6 58	21 36	5 10	16 5	2 38	8 16	2 21	24 21	2 21	19 34	0 39	14 14	1 22	22 50	0 1	18 17
M 9	7 21	17 1	5 9	16 29	2 46	8 6	2 13	24 17	2 20	19 34	0 39	14 15	1 22	22 50	0 1	18 17
T 10	7 43	11 33	4 50	16 50	2 53	7 55	2 5	24 12	2 19	19 33	0 39	14 15	1 22	22 50	0 1	18 17
W 11	8 5	5 35	4 14	17 7	2 59	7 44	1 57	24 7	2 18	19 33	0 39	14 16	1 22	22 50	0 1	18 16
T 12	8 28	0s35	3 24	17 20	3 4	7 32	1 49	24 2	2 17	19 32	0 39	14 16	1 22	22 50	0 1	18 16
F 13	8 50	6 36	2 24	17 30	3 8	7 20	1 41	23 57	2 16	19 32	0 39	14 17	1 22	22 50	0 1	18 16
S 14	9 11	12 14	1 16	17 36	3 10	7 8	1 34	23 51	2 15	19 31	0 39	14 17	1 22	22 50	0 1	18 16
S 15	9 33	17 13	0 7	17 39	3 11	6 55	1 26	23 46	2 14	19 30	0 39	14 18	1 22	22 50	0 1	18 16
M 16	9 55	21 20	1s 2	17 38	3 10	6 41	1 19	23 40	2 13	19 30	0 39	14 18	1 22	22 50	0 1	18 15
T 17	10 16	24 25	2 6	17 34	3 8	6 27	1 12	23 35	2 12	19 29	0 39	14 18	1 22	22 49	0 1	18 15
W 18	10 37	26 20	3 4	17 25	3 5	6 13	1 5	23 29	2 11	19 28	0 39	14 19	1 22	22 49	0 1	18 15
T 19	10 58	27 1	3 53	17 14	2 59	5 58	0 58	23 23	2 10	19 27	0 39	14 19	1 22	22 49	0 1	18 15
F 20	11 19	26 26	4 31	16 59	2 53	5 43	0 51	23 17	2 9	19 27	0 39	14 19	1 22	22 49	0 1	18 15
S 21	11 39	24 40	4 59	16 41	2 44	5 28	0 44	23 11	2 8	19 26	0 39	14 19	1 21	22 49	0 1	18 15
S 22	12 0	21 48	5 13	16 20	2 35	5 12	0 37	23 5	2 7	19 25	0 39	14 19	1 21	22 49	0 1	18 14
M 23	12 20	17 57	5 14	15 57	2 23	4 55	0 31	22 59	2 6	19 24	0 39	14 20	1 21	22 49	0 1	18 14
T 24	12 40	13 17	5 1	15 32	2 11	4 39	0 24	22 52	2 5	19 23	0 39	14 20	1 21	22 49	0 1	18 14
W 25	13 0	7 58	4 32	15 5	1 57	4 22	0 18	22 46	2 4	19 22	0 39	14 20	1 21	22 49	0 1	18 14
T 26	13 20	2 10	3 49	14 36	1 42	4 4	0 12	22 39	2 3	19 20	0 39	14 20	1 21	22 48	0 1	18 14
F 27	13 39	3n54	2 53	14 6	1 27	3 46	0 6	22 32	2 2	19 19	0 39	14 20	1 21	22 48	0 1	18 14
S 28	13 58	9 57	1 45	13 36	1 11	3 28	0 0	22 26	2 1	19 18	0 38	14 20	1 21	22 48	0 1	18 14
S 29	14 17	15 38	0 30	13 6	0 54	3 10	0s 5	22 19	2 0	19 17	0 38	14 19	1 21	22 48	0 1	18 14
M 30	14n36	20n35	0n48	12n37	0n37	2s51	0s11	22n12	1n59	19n15	0n38	14n19	1n21	22s48	0n 1	18s14

Julian Day Number = 2690868.5, Delta T = 23m57s  
 Ecliptic obliquity = 23°21'21", Nutation = - 0°00'14"  
 Ayanamsha: Fagan/Bradley = 33°54'22", Lahiri = 33°01'22"



# ASTRODIENST EPHEMERIS for the year 2655

JUNE 2655

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 36 44	10 <sup>11</sup> 29'56	6 <sup>02</sup> 39	16 <sup>08</sup> 20	27 <sup>07</sup> 37	16 <sup>08</sup> 4	10 <sup>08</sup> 17	26 <sup>08</sup> 21	16 <sup>08</sup> 49	6 <sup>08</sup> 7	6 <sup>08</sup> 55	19 <sup>08</sup> 45	18 <sup>08</sup> 49	21 <sup>08</sup> 5	8 <sup>08</sup> 13	F 1
S 2	16 40 41	11 <sup>02</sup> 7'42	21 <sup>0</sup> 7	17 <sup>04</sup> 3	28 <sup>04</sup> 4	16 <sup>03</sup> 7	10 <sup>02</sup> 26	26 <sup>02</sup> 24	16 <sup>02</sup> 47	6 <sup>02</sup> 7	6 <sup>02</sup> 56	19 <sup>02</sup> 43	18 <sup>02</sup> 46	21 <sup>02</sup> 12	8 <sup>02</sup> 15	S 2
S 3	16 44 38	12 <sup>02</sup> 5'27	5 <sup>00</sup> 16	19 <sup>0</sup> 9	29 <sup>05</sup> 1	17 <sup>01</sup> 11	10 <sup>03</sup> 36	26 <sup>02</sup> 38	16 <sup>04</sup> 44	6 <sup>0</sup> 6	6 <sup>0</sup> 57	19 <sup>04</sup> 2	18 <sup>04</sup> 3	21 <sup>04</sup> 19	8 <sup>04</sup> 17	S 3
M 4	16 48 34	13 <sup>02</sup> 3'10	19 <sup>0</sup> 5	20 <sup>03</sup> 7	0 <sup>08</sup> 59	17 <sup>04</sup> 4	10 <sup>04</sup> 46	26 <sup>03</sup> 2	16 <sup>04</sup> 2	6 <sup>0</sup> 5	6 <sup>0</sup> 59	19 <sup>04</sup> 2	18 <sup>04</sup> 0	21 <sup>04</sup> 25	8 <sup>04</sup> 19	M 4
T 5	16 52 31	14 <sup>02</sup> 0'51	2 <sup>02</sup> 34	22 <sup>0</sup> 7	2 <sup>0</sup> 7	18 <sup>01</sup> 7	10 <sup>05</sup> 6	26 <sup>03</sup> 6	16 <sup>03</sup> 9	6 <sup>0</sup> 4	7 <sup>0</sup> 0	19 <sup>04</sup> 3	18 <sup>03</sup> 6	21 <sup>03</sup> 32	8 <sup>03</sup> 21	T 5
W 6	16 56 27	15 <sup>01</sup> 8'31	15 <sup>04</sup> 4	23 <sup>04</sup> 0	3 <sup>01</sup> 4	18 <sup>05</sup> 1	11 <sup>0</sup> 5	26 <sup>04</sup> 0	16 <sup>03</sup> 7	6 <sup>0</sup> 3	7 <sup>0</sup> 1	19 <sup>04</sup> 5	18 <sup>03</sup> 3	21 <sup>03</sup> 39	8 <sup>03</sup> 23	W 6
T 7	17 0 24	16 <sup>01</sup> 6'09	28 <sup>03</sup> 7	25 <sup>01</sup> 5	4 <sup>02</sup> 2	19 <sup>02</sup> 4	11 <sup>01</sup> 5	26 <sup>04</sup> 4	16 <sup>03</sup> 4	6 <sup>0</sup> 2	7 <sup>0</sup> 3	19 <sup>04</sup> 6	18 <sup>03</sup> 0	21 <sup>04</sup> 5	8 <sup>03</sup> 25	T 7
F 8	17 4 20	17 <sup>01</sup> 3'46	11 <sup>00</sup> 16	26 <sup>05</sup> 3	5 <sup>03</sup> 0	19 <sup>05</sup> 8	11 <sup>02</sup> 5	26 <sup>04</sup> 8	16 <sup>03</sup> 2	6 <sup>0</sup> 1	7 <sup>0</sup> 4	19 <sup>04</sup> 7	18 <sup>02</sup> 7	21 <sup>05</sup> 2	8 <sup>02</sup> 27	F 8
S 9	17 8 17	18 <sup>01</sup> 1'22	23 <sup>04</sup> 2	28 <sup>03</sup> 3	6 <sup>03</sup> 8	20 <sup>03</sup> 2	11 <sup>03</sup> 6	26 <sup>05</sup> 2	16 <sup>02</sup> 9	6 <sup>0</sup> 1	7 <sup>0</sup> 5	19 <sup>04</sup> 8	18 <sup>02</sup> 4	21 <sup>05</sup> 9	8 <sup>02</sup> 28	S 9
S 10	17 12 13	19 <sup>0</sup> 8'57	5 <sup>02</sup> 59	0 <sup>08</sup> 15	7 <sup>04</sup> 6	21 <sup>0</sup> 5	11 <sup>04</sup> 6	26 <sup>05</sup> 6	16 <sup>02</sup> 7	6 <sup>0</sup> 0	7 <sup>0</sup> 7	19 <sup>04</sup> 6	18 <sup>02</sup> 1	22 <sup>0</sup> 6	8 <sup>03</sup> 30	S 10
M11	17 16 10	20 <sup>0</sup> 6'30	18 <sup>0</sup> 7	2 <sup>0</sup> 0	8 <sup>05</sup> 5	21 <sup>03</sup> 9	11 <sup>05</sup> 6	27 <sup>0</sup> 1	16 <sup>02</sup> 4	5 <sup>05</sup> 9	7 <sup>0</sup> 8	19 <sup>04</sup> 4	18 <sup>01</sup> 7	22 <sup>01</sup> 2	8 <sup>03</sup> 32	M11
T 12	17 20 7	21 <sup>0</sup> 4'02	0 <sup>08</sup> 8	3 <sup>04</sup> 7	10 <sup>0</sup> 3	22 <sup>01</sup> 3	12 <sup>0</sup> 7	27 <sup>0</sup> 5	16 <sup>02</sup> 2	5 <sup>05</sup> 8	7 <sup>01</sup> 0	19 <sup>04</sup> 0	18 <sup>01</sup> 4	22 <sup>01</sup> 9	8 <sup>03</sup> 33	T 12
W13	17 24 3	22 <sup>0</sup> 1'34	12 <sup>0</sup> 4	5 <sup>03</sup> 7	11 <sup>01</sup> 1	22 <sup>04</sup> 7	12 <sup>01</sup> 7	27 <sup>01</sup> 0	16 <sup>01</sup> 9	5 <sup>05</sup> 7	7 <sup>01</sup> 1	19 <sup>03</sup> 5	18 <sup>01</sup> 1	22 <sup>02</sup> 6	8 <sup>03</sup> 35	W13
T 14	17 28 0	22 <sup>05</sup> 9'04	23 <sup>05</sup> 7	7 <sup>02</sup> 8	12 <sup>02</sup> 0	23 <sup>02</sup> 1	12 <sup>02</sup> 8	27 <sup>01</sup> 5	16 <sup>01</sup> 7	5 <sup>05</sup> 6	7 <sup>01</sup> 2	19 <sup>02</sup> 9	18 <sup>0</sup> 8	22 <sup>03</sup> 2	8 <sup>03</sup> 36	T 14
F 15	17 31 56	23 <sup>05</sup> 6'34	5 <sup>02</sup> 49	9 <sup>02</sup> 2	13 <sup>02</sup> 9	23 <sup>05</sup> 5	12 <sup>03</sup> 8	27 <sup>01</sup> 9	16 <sup>01</sup> 4	5 <sup>05</sup> 4	7 <sup>01</sup> 4	19 <sup>02</sup> 3	18 <sup>0</sup> 5	22 <sup>03</sup> 9	8 <sup>03</sup> 38	F 15
S 16	17 35 53	24 <sup>05</sup> 4'02	17 <sup>04</sup> 2	11 <sup>01</sup> 9	14 <sup>03</sup> 7	24 <sup>02</sup> 9	12 <sup>04</sup> 9	27 <sup>02</sup> 4	16 <sup>01</sup> 2	5 <sup>05</sup> 3	7 <sup>01</sup> 5	19 <sup>01</sup> 7	18 <sup>0</sup> 1	22 <sup>04</sup> 6	8 <sup>03</sup> 39	S 16
S 17	17 39 49	25 <sup>05</sup> 1'30	29 <sup>04</sup> 0	13 <sup>01</sup> 7	15 <sup>04</sup> 6	25 <sup>0</sup> 3	13 <sup>0</sup> 0	27 <sup>02</sup> 9	16 <sup>0</sup> 9	5 <sup>05</sup> 2	7 <sup>01</sup> 7	19 <sup>01</sup> 3	17 <sup>05</sup> 8	22 <sup>05</sup> 3	8 <sup>04</sup> 0	S 17
M18	17 43 46	26 <sup>04</sup> 8'58	11 <sup>02</sup> 46	15 <sup>01</sup> 8	16 <sup>05</sup> 5	25 <sup>03</sup> 8	13 <sup>01</sup> 1	27 <sup>03</sup> 4	16 <sup>0</sup> 7	5 <sup>05</sup> 1	7 <sup>01</sup> 8	19 <sup>01</sup> 0	17 <sup>05</sup> 5	22 <sup>05</sup> 9	8 <sup>04</sup> 2	M18
T 19	17 47 42	27 <sup>04</sup> 6'24	24 <sup>0</sup> 5	17 <sup>02</sup> 0	18 <sup>0</sup> 4	26 <sup>01</sup> 2	13 <sup>02</sup> 2	27 <sup>03</sup> 9	16 <sup>0</sup> 4	5 <sup>05</sup> 0	7 <sup>01</sup> 9	19 <sup>01</sup> 0	17 <sup>05</sup> 2	23 <sup>0</sup> 6	8 <sup>04</sup> 3	T 19
W20	17 51 39	28 <sup>04</sup> 3'50	6 <sup>02</sup> 40	19 <sup>02</sup> 5	19 <sup>01</sup> 3	26 <sup>04</sup> 6	13 <sup>03</sup> 3	27 <sup>04</sup> 4	16 <sup>0</sup> 2	5 <sup>04</sup> 9	7 <sup>02</sup> 1	19 <sup>0</sup> 9	17 <sup>04</sup> 9	23 <sup>01</sup> 3	8 <sup>04</sup> 4	W20
T 21	17 55 36	29 <sup>04</sup> 1'16	19 <sup>03</sup> 6	21 <sup>03</sup> 1	20 <sup>02</sup> 2	27 <sup>02</sup> 1	13 <sup>04</sup> 4	27 <sup>04</sup> 9	16 <sup>0</sup> 0	5 <sup>04</sup> 7	7 <sup>02</sup> 2	19 <sup>01</sup> 0	17 <sup>04</sup> 6	23 <sup>01</sup> 9	8 <sup>04</sup> 5	T 21
F 22	17 59 32	0 <sup>08</sup> 38'40	2 <sup>08</sup> 57	23 <sup>03</sup> 8	21 <sup>03</sup> 1	27 <sup>05</sup> 5	13 <sup>05</sup> 5	27 <sup>05</sup> 4	15 <sup>05</sup> 7	5 <sup>04</sup> 6	7 <sup>02</sup> 4	19 <sup>01</sup> 2	17 <sup>04</sup> 2	23 <sup>02</sup> 6	8 <sup>04</sup> 6	F 22
S 23	18 3 29	1 <sup>03</sup> 6'05	16 <sup>04</sup> 5	25 <sup>04</sup> 8	22 <sup>04</sup> 1	28 <sup>03</sup> 0	14 <sup>0</sup> 7	28 <sup>0</sup> 0	15 <sup>05</sup> 5	5 <sup>04</sup> 5	7 <sup>02</sup> 5	19 <sup>01</sup> 3	17 <sup>03</sup> 9	23 <sup>03</sup> 3	8 <sup>04</sup> 7	S 23
S 24	18 7 25	2 <sup>03</sup> 3'29	1 <sup>08</sup> 0	27 <sup>05</sup> 8	23 <sup>05</sup> 0	29 <sup>0</sup> 4	14 <sup>01</sup> 8	28 <sup>0</sup> 5	15 <sup>05</sup> 3	5 <sup>04</sup> 4	7 <sup>02</sup> 7	19 <sup>01</sup> 2	17 <sup>03</sup> 6	23 <sup>03</sup> 9	8 <sup>04</sup> 8	S 24
M25	18 11 22	3 <sup>03</sup> 0'53	15 <sup>04</sup> 1	0 <sup>08</sup> 9	25 <sup>0</sup> 0	29 <sup>03</sup> 9	14 <sup>02</sup> 9	28 <sup>01</sup> 0	15 <sup>05</sup> 0	5 <sup>04</sup> 2	7 <sup>02</sup> 8	19 <sup>01</sup> 0	17 <sup>03</sup> 3	23 <sup>04</sup> 6	8 <sup>04</sup> 9	M25
T 26	18 15 18	4 <sup>02</sup> 8'16	0 <sup>08</sup> 41	2 <sup>02</sup> 0	26 <sup>0</sup> 9	0 <sup>08</sup> 14	14 <sup>04</sup> 1	28 <sup>01</sup> 6	15 <sup>04</sup> 8	5 <sup>04</sup> 1	7 <sup>02</sup> 9	19 <sup>0</sup> 5	17 <sup>03</sup> 0	23 <sup>05</sup> 3	8 <sup>05</sup> 0	T 26
W27	18 19 15	5 <sup>02</sup> 5'38	15 <sup>05</sup> 2	4 <sup>03</sup> 2	27 <sup>01</sup> 9	0 <sup>04</sup> 8	14 <sup>05</sup> 2	28 <sup>02</sup> 2	15 <sup>04</sup> 6	5 <sup>04</sup> 0	7 <sup>03</sup> 1	18 <sup>05</sup> 9	17 <sup>02</sup> 7	24 <sup>0</sup> 0	8 <sup>05</sup> 1	W27
T 28	18 23 12	6 <sup>02</sup> 3'00	1 <sup>08</sup> 4	6 <sup>04</sup> 4	28 <sup>02</sup> 8	1 <sup>02</sup> 3	15 <sup>0</sup> 4	28 <sup>02</sup> 7	15 <sup>04</sup> 3	5 <sup>03</sup> 8	7 <sup>03</sup> 2	18 <sup>05</sup> 3	17 <sup>02</sup> 3	24 <sup>0</sup> 6	8 <sup>05</sup> 2	T 28
F 29	18 27 8	7 <sup>02</sup> 0'21	16 <sup>0</sup> 7	8 <sup>05</sup> 6	29 <sup>03</sup> 8	1 <sup>05</sup> 8	15 <sup>01</sup> 6	28 <sup>03</sup> 3	15 <sup>04</sup> 1	5 <sup>03</sup> 7	7 <sup>03</sup> 4	18 <sup>04</sup> 6	17 <sup>02</sup> 0	24 <sup>01</sup> 3	8 <sup>05</sup> 2	F 29
S 30	18 31 5	8 <sup>02</sup> 17'41	0 <sup>08</sup> 51	11 <sup>05</sup> 8	0 <sup>08</sup> 48	2 <sup>08</sup> 33	15 <sup>02</sup> 7	28 <sup>03</sup> 9	15 <sup>02</sup> 39	5 <sup>02</sup> 36	7 <sup>03</sup> 5	18 <sup>04</sup> 0	17 <sup>01</sup> 7	24 <sup>02</sup> 0	8 <sup>05</sup> 3	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	21n57	23n29	5n 7	13n46	3s 1	8n41	2s 3	17n26	1n33	18n13	0n38	13n56	1n19	22s42	0n 1	18s15	0n26	16n50	6s21	17n37	17n22	26s13	5n51	2n50			
S 2	22 5	19 23	5 15	14 14	2 56	9 3	2 4	17 16	1 32	18 10	0 38	13 54	1 19	22 41	0 1	18 15	0 26	16 50	6 21	17 36	17 21	26 12	5 52	2 50			
S 3	22 12	14 15	5 3	14 42	2 51	9 25	2 6	17 5	1 31	18 8	0 38	13 53	1 19	22 41	0 1	18 16	0 26	16 50	6 21	17 36	17 20	26 11	5 53	2 50			
M 4	22 20	8 31	4 34	15 12	2 45	9 47	2 7	16 54	1 30	18 5	0 38	13 52	1 19	22 41	0 1	18 16	0 26	16 50	6 21	17 36	17 19	26 11	5 53	2 50			
T 5	22 26	2 31	3 51	15 41	2 38	10 10	2 8	16 43	1 30	18 2	0 38	13 50	1 19	22 41	0 1	18 16	0 26	16 50	6 21	17 36	17 18	26 10	5 54	2 50			
W 6	22 33	3s27	2 56	16 11	2 31	10 32	2 9	16 32	1 29	18 0	0 38	13 49	1 19	22 40	0 1	18 16	0 26	16 50	6 21	17 37	17 17	26 9	5 55	2 50			
T 7	22 39	9 10	1 54	16 41	2 23	10 53	2 10	16 21	1 28	17 57	0 38	13 48	1 19	22 40	0 1	18 16	0 26	16 50	6 21	17 37	17 16	26 9	5 56	2 50			
F 8	22 45	14 25	0 47	17 12	2 15	11 15	2 11	16 9	1 27	17 54	0 38	13 46	1 19	22 40	0 1	18 17	0 26	16 50	6 21	17 37	17 15	26 8	5 57	2 50			
S 9	22 50	18 59	0s21	17 42	2 7	11 37	2 11	15 58	1 27	17 51	0 38	13 45	1 18	22 40	0 1	18 17	0 26	16 50	6 21	17 37	17 15	26 7	5 57	2 50			
S 10	22 55	22 40	1 28	18 12	1 58	11 58	2 12	15 46	1 26	17 48	0 38	13 43	1 18	22 39	0 1	18 17	0 26	16 50	6 21	17 37	17 14	26 6	5 58	2 50			
M11	22 59	25 18	2 29	18 43	1 49	12 19	2 12	15 35	1 25	17 46	0 38	13 42	1 18	22 39	0 1	18 17	0 26	16 50	6 20	17 36	17 13	26 6	5 59	2 50			
T 12	23 3	26 44	3 23	19 13	1 39	12 40	2 13	15 23	1 24	17 43	0 38	13 40	1 18	22 39	0 1	18 18	0 26	16 50	6 20	17 35	17 12	26 5	6 0	2 50			
W13	23 7	26 55	4 7	19 42	1 29	13 1	2 13	15 11	1 24	17 40	0 38	13 38	1 18	22 39	0 1	18 18	0 26	16 50	6 20	17 34	17 11	26 4	6 0	2 51			
T 14	23 10	25 51	4 41	20 11	1 19	13 22	2 13	15 0	1 23	17 37	0 38	13 37	1 18	22 38	0 1	18 18	0 26	16 50	6 20	17 32	17 10	26 3	6 1	2 51			
F 15	23 13	23 38	5 2	20 39	1 9	13 42	2 13	14 48	1 22	17 34	0 38	13 35	1 18	22 38	0 1	18 18	0 26	16 50	6 20	17 31	17 9	26 3	6 2	2 51			
S 16	23 15	20 24	5 11	21 6	0 58	14 3	2 13	14 36	1 21	17 31	0 38	13 33	1 18	22 38	0 1	18 19	0 26	16 50	6 20	17 29	17 8	26 2	6 2	2 51			
S 17	23 17	16 19	5 6	21 32	0 47	14 23	2 13	14 24	1 21	17 28	0 38	13 32	1 18	22 38	0 1	18 19	0 26	16 50	6 20	17 28	17 8	26 1	6 3	2 51			
M18	23 19	11 33	4 47	21 57	0 36	14 42	2 13	14 11	1 20	17 25	0 38	13 30	1 18	22 37	0 1	18 19	0 26	16 50	6 20	17 27	17 7	26 0	6 3	2 51			
T 19	23 20	6 15	4 15	22 20	0 25	15 2	2 13	13 59	1 19	17 21	0 38	13 28	1 18	22 37	0 1	18 19	0 26	16 50	6 20	17 27	17 6	26 0	6 4	2 51			
W20	23 21	0 35	3 30	22 42	0 14	15 21	2 12	13 47	1 19	17 18	0 38	13 26	1 18	22 37	0 1	18 20	0 26	16 50	6 20	17 27	17 5	25 59	6 4	2 51			
T 21	23 21	5n16	2 34	23 2	0 3	15 40	2 12	13 34	1 18	17 15	0 38	13 25	1 18	22 37	0 1	18 20	0 26	16 50	6 20	17 27	17 4	25 58	6 5	2 51			
F 22	23 21	11 5	1 27	23 20	0n 8	15 58	2 11	13 22	1 17	17 12	0 38	13 23	1 18	22 37	0 1	18 20	0 26	16 50	6 20	17 28	17 3	25 57	6 5	2 51			
S 23	23 21	16 34	0 13	23 36	0 18	16 16	2 10	13 9	1 16	17 9	0 38	13 21	1 18	22 36	0 1	18 21	0 26	16 50	6 20	17 28	17 2	25 56	6 6	2 51			
S 24	23 20	21 19	1n 3	23 49	0 29	16 34	2 10	12 56	1 16	17 5	0 38	13 19	1 18	22 36	0 1	18 21	0 26	16 50	6 19	17 28	17 1	25 56	6 6	2 52			
M25	23 19	24 53	2 18	24 0	0 38	16 52	2 9	12 44	1 15	17 2	0 38	13 17	1 18	22 36	0 1	18 21	0 26	16 50	6 19	17 27	17 0	25 55	6 7	2 52			
T 26	23 17	26 46	3 25	24 8	0 48	17 9	2 8	12 31	1 14	16 59	0 38	13 15	1 18	22 36	0 1	18 22	0 26	16 50	6 19	17 26	17 0	25 54	6 7	2 52			
W27	23 15	26 41	4 18	24 14	0 57	17 26	2 7	12 18	1 14	16 55	0 38	13 13	1 18	22 35	0 1	18 22	0 26	16 50	6 19	17 24	16 59	25 53	6 8	2 52			
T 28	23 12	24 37	4 53	24 17	1 6	17 42	2 6	12 5	1 13	16 52	0 38	13 11	1 18	22 35	0 1	18 22	0 26	16 50	6 19	17 23	16 58	25 52	6 8	2 52			
F 29	23 9	20 50	5 7	24 17	1 13	17 59	2 4	11 52	1 12	16 49	0 38	13 9	1 18	22 35	0 0	18 23	0 26	16 50	6 19	17 21	16 57	25 51	6 8	2 52			
S 30	23n 6	15n49	5n 0	24n14	1n21	18n14	2s 3	11n39	1n12	16n45	0n38	13n 7	1n18	22s35	0n 0	18s23	0n26	16n50	6s19	17n19	16n56	25s50	6n 9	2n52			

## ASTRODIENST EPHEMERIS for the year 2655

JULY 2655

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 35 1	9°15'00	15°12'12	13°18'18	11°58'58	3°18'8	15°39'39	28°44'44	15°37'37	5°34'34	7°37'37	18°35'35	17°14'14	24°26'26	8°54'54	S 1
M 2	18 38 58	10°12'19	29°6'6	15°28'28	3°8'8	3°43'43	15°51'51	28°50'50	15°34'34	5°33'33	7°38'38	18°33'33	17°11'11	24°33'33	8°55'55	M 2
T 3	18 42 54	11°9'36	12°34'34	17°36'36	4°18'18	4°18'18	16°3'3	28°56'56	15°32'32	5°31'31	7°39'39	18°33'33	17°7'7	24°40'40	8°55'55	T 3
W 4	18 46 51	12°6'53	25°38'38	19°43'43	5°28'28	4°54'54	16°15'15	29°2'2	15°30'30	5°30'30	7°41'41	18°33'33	17°4'4	24°47'47	8°55'55	W 4
T 5	18 50 47	13°4'10	8°12'21	21°49'49	6°38'38	5°29'29	16°27'27	29°8'8	15°28'28	5°29'29	7°42'42	18°34'34	17°1'1	24°53'53	8°56'56	T 5
F 6	18 54 44	14°1'25	20°48'48	23°53'53	7°48'48	6°4'4	16°39'39	29°15'15	15°26'26	5°27'27	7°44'44	18°34'34	16°58'58	25°0'0	8°56'56	F 6
S 7	18 58 41	14°58'41	3°18'2	25°55'55	8°58'58	6°39'39	16°51'51	29°21'21	15°24'24	5°26'26	7°45'45	18°33'33	16°55'55	25°7'7	8°56'56	S 7
S 8	19 2 37	15°55'55	15°7'7	27°55'55	10°8'8	7°15'15	17°3'3	29°27'27	15°22'22	5°24'24	7°47'47	18°30'30	16°52'52	25°13'13	8°56'56	S 8
M 9	19 6 34	16°53'10	27°6'6	29°53'53	11°19'19	7°50'50	17°16'16	29°33'33	15°20'20	5°23'23	7°48'48	18°24'24	16°48'48	25°20'20	8°57'57	M 9
T 10	19 10 30	17°50'24	9°1'1	1°50'50	12°29'29	8°26'26	17°28'28	29°40'40	15°18'18	5°21'21	7°49'49	18°16'16	16°45'45	25°27'27	8°57'57	T 10
W 11	19 14 27	18°47'38	20°53'53	3°44'44	13°40'40	9°1'1	17°40'40	29°46'46	15°16'16	5°20'20	7°51'51	18°6'6	16°42'42	25°34'34	8°57'57	W 11
T 12	19 18 23	19°44'51	2°45'5	5°36'36	14°50'50	9°37'37	17°52'52	29°52'52	15°14'14	5°18'18	7°52'52	17°55'55	16°39'39	25°40'40	8°57'57	T 12
F 13	19 22 20	20°42'05	14°38'38	7°26'26	16°1'1	10°13'13	18°5'5	29°59'59	15°12'12	5°16'16	7°54'54	17°43'43	16°36'36	25°47'47	8°57'57	F 13
S 14	19 26 16	21°39'18	26°34'34	9°14'14	17°11'11	10°48'48	18°17'17	0°18'18	15°10'10	5°15'15	7°55'55	17°33'33	16°33'33	25°54'54	8°57'57	S 14
S 15	19 30 13	22°36'32	8°18'35	11°0'0	18°22'22	11°24'24	18°30'30	0°12'12	15°8'8	5°13'13	7°56'56	17°23'23	16°29'29	26°0'0	8°57'57	S 15
M 16	19 34 10	23°33'45	20°44'44	12°44'44	19°33'33	12°0'0	18°42'42	0°19'19	15°6'6	5°12'12	7°58'58	17°17'17	16°26'26	26°7'7	8°57'57	M 16
T 17	19 38 6	24°30'59	3°18'3	14°26'26	20°44'44	12°36'36	18°55'55	0°25'25	15°5'5	5°10'10	7°59'59	17°12'12	16°23'23	26°14'14	8°56'56	T 17
W 18	19 42 3	25°28'13	15°37'6	16°6'6	21°55'55	13°12'12	19°8'8	0°32'32	15°3'3	5°9'9	8°1'1	17°10'10	16°20'20	26°21'21	8°56'56	W 18
T 19	19 45 59	26°25'27	28°29'29	17°43'43	23°5'5	13°48'48	19°20'20	0°39'39	15°1'1	5°7'7	8°2'2	17°10'10	16°17'17	26°27'27	8°56'56	T 19
F 20	19 49 56	27°22'42	11°18'44	19°19'19	24°16'16	14°24'24	19°33'33	0°46'46	15°0'0	5°5'5	8°3'3	17°10'10	16°13'13	26°34'34	8°55'55	F 20
S 21	19 53 52	28°19'57	25°24'24	20°52'52	25°28'28	15°0'0	19°46'46	0°53'53	14°58'58	5°4'4	8°5'5	17°10'10	16°10'10	26°41'41	8°55'55	S 21
S 22	19 57 49	29°17'13	9°12'32	22°24'24	26°39'39	15°36'36	19°58'58	0°59'59	14°57'57	5°2'2	8°6'6	17°8'8	16°7'7	26°47'47	8°54'54	S 22
M 23	20 1 45	0°14'29	24°7'7	23°53'53	27°50'50	16°12'12	20°11'11	1°6'6	14°55'55	5°0'0	8°7'7	17°4'4	16°4'4	26°54'54	8°54'54	M 23
T 24	20 5 42	1°11'46	9°5'5	25°20'20	29°1'1	16°48'48	20°24'24	1°13'13	14°54'54	4°59'59	8°9'9	16°58'58	16°1'1	27°1'1	8°53'53	T 24
W 25	20 9 39	2°9'03	24°19'19	26°45'45	0°52'12	17°24'24	20°37'37	1°20'20	14°52'52	4°57'57	8°10'10	16°49'49	15°58'58	27°8'8	8°53'53	W 25
T 26	20 13 35	3°6'20	9°12'37	28°7'7	1°24'24	18°1'1	20°50'50	1°27'27	14°51'51	4°56'56	8°11'11	16°39'39	15°54'54	27°14'14	8°52'52	T 26
F 27	20 17 32	4°3'37	24°49'49	29°28'28	2°35'35	18°37'37	21°3'3	1°35'35	14°49'49	4°54'54	8°13'13	16°28'28	15°51'51	27°21'21	8°51'51	F 27
S 28	20 21 28	5°0'55	9°18'45	0°18'46	3°46'46	19°13'13	21°15'15	1°42'42	14°48'48	4°52'52	8°14'14	16°19'19	15°48'48	27°28'28	8°50'50	S 28
S 29	20 25 25	5°58'12	24°16'16	2°1'1	4°58'58	19°50'50	21°28'28	1°49'49	14°47'47	4°51'51	8°15'15	16°12'12	15°45'45	27°34'34	8°49'49	S 29
M 30	20 29 21	6°55'30	8°18'18	3°15'15	6°9'9	20°26'26	21°41'41	1°56'56	14°46'46	4°49'49	8°17'17	16°7'7	15°42'42	27°41'41	8°49'49	M 30
T 31	20 33 18	7°52'48	21°18'51	4°18'26	7°52'21	21°18'3	21°54'54	2°18'18	14°44'44	4°47'47	8°18'18	16°8'8	15°39'39	27°48'48	8°48'48	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	23n 2	10n 2	4n35	24n 8	1n27	18n29	2s 2	11n25	1n11	16n42	0n38	13n 5	1n18	22s34	0n 0	S 1
M 2	22 58	3 56	3 54	24 0	1 33	18 44	2 0	11 12	1 10	16 38	0 38	13 3	1 18	22 34	0 0	M 2
T 3	22 53	2s10	3 1	23 50	1 38	18 59	1 59	10 59	1 9	16 35	0 38	13 1	1 18	22 34	0 0	T 3
W 4	22 48	8 0	2 0	23 36	1 43	19 13	1 57	10 45	1 9	16 31	0 38	12 59	1 18	22 34	0 0	W 4
T 5	22 43	13 23	0 55	23 21	1 46	19 26	1 56	10 32	1 8	16 28	0 38	12 57	1 18	22 34	0 0	T 5
F 6	22 37	18 5	0s12	23 3	1 49	19 39	1 54	10 18	1 7	16 24	0 38	12 54	1 17	22 33	0 0	F 6
S 7	22 31	21 57	1 17	22 43	1 51	19 52	1 52	10 4	1 7	16 20	0 38	12 52	1 17	22 33	0 0	S 7
S 8	22 25	24 48	2 17	22 21	1 53	20 4	1 50	9 51	1 6	16 17	0 38	12 50	1 17	22 33	0 0	S 8
M 9	22 18	26 30	3 11	21 57	1 53	20 16	1 48	9 37	1 5	16 13	0 38	12 48	1 17	22 33	0 0	M 9
T 10	22 10	26 58	3 55	21 32	1 53	20 27	1 47	9 23	1 5	16 9	0 38	12 46	1 17	22 32	0 0	T 10
W 11	22 3	26 11	4 30	21 5	1 53	20 38	1 45	9 9	1 4	16 6	0 38	12 43	1 17	22 32	0 0	W 11
T 12	21 55	24 13	4 52	20 36	1 51	20 48	1 42	8 55	1 3	16 2	0 38	12 41	1 17	22 32	0 0	T 12
F 13	21 46	21 12	5 2	20 6	1 49	20 58	1 40	8 41	1 3	15 58	0 38	12 39	1 17	22 32	0 0	F 13
S 14	21 37	17 18	4 59	19 35	1 46	21 7	1 38	8 27	1 2	15 54	0 38	12 37	1 17	22 32	0 0	S 14
S 15	21 28	12 41	4 43	19 3	1 43	21 15	1 36	8 13	1 1	15 50	0 38	12 34	1 17	22 32	0 0	S 15
M 16	21 18	7 33	4 13	18 31	1 39	21 23	1 34	7 58	1 1	15 47	0 38	12 32	1 17	22 31	0 0	M 16
T 17	21 9	2 2	3 32	17 57	1 34	21 31	1 31	7 44	1 0	15 43	0 38	12 29	1 17	22 31	0 0	T 17
W 18	20 58	3n40	2 39	17 23	1 29	21 38	1 29	7 30	0 59	15 39	0 39	12 27	1 17	22 31	0 0	W 18
T 19	20 48	9 23	1 38	16 48	1 24	21 44	1 26	7 15	0 59	15 35	0 39	12 25	1 17	22 31	0 0	T 19
F 20	20 37	14 51	0 29	16 12	1 17	21 50	1 24	7 1	0 58	15 31	0 39	12 22	1 17	22 31	0 0	F 20
S 21	20 25	19 45	0n44	15 36	1 11	21 55	1 22	6 47	0 57	15 27	0 39	12 20	1 17	22 30	0 0	S 21
S 22	20 14	23 43	1 56	15 0	1 4	22 0	1 19	6 32	0 57	15 23	0 39	12 17	1 17	22 30	0 0	S 22
M 23	20 2	26 16	3 2	14 24	0 56	22 4	1 16	6 17	0 56	15 19	0 39	12 15	1 17	22 30	0 0	M 23
T 24	19 49	27 1	3 58	13 47	0 48	22 7	1 14	6 3	0 55	15 15	0 39	12 12	1 17	22 30	0 0	T 24
W 25	19 37	25 45	4 38	13 10	0 39	22 10	1 11	5 48	0 55	15 11	0 39	12 10	1 17	22 30	0 0	W 25
T 26	19 24	22 35	4 59	12 34	0 30	22 12	1 8	5 33	0 54	15 7	0 39	12 7	1 17	22 30	0 0	T 26
F 27	19 10	17 53	4 58	11 57	0 21	22 14	1 6	5 19	0 54	15 3	0 39	12 5	1 17	22 30	0 0	F 27
S 28	18 57	12 9	4 37	11 21	0 12	22 15	1 3	5 4	0 53	14 59	0 39	12 2	1 17	22 29	0 0	S 28
S 29	18 43	5 54	3 58	10 45	0 2	22 16	1 0	4 49	0 52	14 55	0 39	12 0	1 17	22 29	0 0	S 29
M 30	18 29	0s26	3 5	10 9	0s 9	22 15	0 58	4 34	0 52	14 51	0 39	11 57	1 17	22 29	0 0	M 30
T 31	18n14	6s34	2n 4	9n33	0s19	22n15	0s55	4n19	0n51	14n46	0n39	11n55	1n17	22s29	0n 0	T 31

Julian Day Number = 2690959.5, Delta T = 23m58s

Ecliptic obliquity = 23°21'21, Nutation = - 0°00'12

Ayanamsha: Fagan/Bradley = 33°54'35, Lahiri = 33°01'35



## ASTRODIENST EPHEMERIS for the year 2655

SEPTEMBER 2655

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 39 28	8♐32'45	20♌52	9°R20	15♌58	10♌58	28♌55	6♐ 4	14♌32	4°R 0	8♐52	13°R12	13♌57	1♌23	7°R53	S 1
S 2	22 43 24	9°30'32	2♌51	8♐28	17°11	11°36	29° 8	6°12	14°33	3♌58	8°53	13♌ 9	13°54	1°30	7°Y51	S 2
M 3	22 47 21	10°28'21	14°44	7°37	18°24	12°15	29°21	6°20	14°33	3°57	8°54	13° 4	13°50	1°36	7°49	M 3
T 4	22 51 17	11°26'11	26°35	6°49	19°37	12°53	29°34	6°27	14°34	3°56	8°54	12°56	13°47	1°43	7°46	T 4
W 5	22 55 14	12°24'01	8♌29	6° 5	20°51	13°31	29°47	6°35	14°35	3°55	8°55	12°47	13°44	1°50	7°44	W 5
T 6	22 59 10	13°21'54	20°26	5°25	22° 4	14° 9	0♐ 0	6°43	14°35	3°54	8°56	12°36	13°41	1°56	7°41	T 6
F 7	23 3 7	14°19'47	2♌31	4°51	23°17	14°48	0°13	6°50	14°36	3°53	8°57	12°25	13°38	2° 3	7°39	F 7
S 8	23 7 4	15°17'42	14°43	4°23	24°31	15°26	0°26	6°58	14°37	3°51	8°57	12°15	13°35	2°10	7°37	S 8
S 9	23 11 0	16°15'38	27° 4	4° 2	25°44	16° 5	0°39	7° 6	14°38	3°50	8°58	12° 6	13°31	2°17	7°34	S 9
M10	23 14 57	17°13'36	9♐35	3°48	26°58	16°43	0°52	7°13	14°38	3°49	8°59	12° 0	13°28	2°23	7°32	M10
T 11	23 18 53	18°11'36	22°15	3°D43	28°11	17°22	1° 5	7°21	14°39	3°48	8°59	11°55	13°25	2°30	7°29	T 11
W12	23 22 50	19° 9'37	5♌ 8	3°46	29°25	18° 1	1°18	7°28	14°40	3°47	9° 0	11°53	13°22	2°37	7°26	W12
T 13	23 26 46	20° 7'40	18°13	3°57	0♐39	18°39	1°30	7°36	14°41	3°46	9° 0	11°D53	13°19	2°44	7°24	T 13
F 14	23 30 43	21° 5'45	1♐33	4°17	1°52	19°18	1°43	7°43	14°42	3°45	9° 1	11°54	13°16	2°50	7°21	F 14
S 15	23 34 39	22° 3'52	15° 9	4°45	3° 6	19°57	1°56	7°51	14°44	3°44	9° 2	11°55	13°12	2°57	7°19	S 15
S 16	23 38 36	23° 2'01	29° 2	5°22	4°20	20°36	2° 9	7°58	14°45	3°43	9° 2	11°R55	13° 9	3° 4	7°16	S 16
M17	23 42 33	24° 0'12	13♐13	6° 6	5°34	21°14	2°21	8° 6	14°46	3°42	9° 3	11°54	13° 6	3°10	7°13	M17
T 18	23 46 29	24°58'25	27°40	6°59	6°48	21°53	2°34	8°13	14°47	3°41	9° 3	11°50	13° 3	3°17	7°11	T 18
W19	23 50 26	25°56'40	12♌20	7°59	8° 2	22°32	2°47	8°21	14°49	3°41	9° 4	11°45	13° 0	3°24	7° 8	W19
T 20	23 54 22	26°54'57	27° 6	9° 6	9°15	23°11	2°59	8°28	14°50	3°40	9° 4	11°38	12°56	3°31	7° 5	T 20
F 21	23 58 19	27°53'16	11♐52	10°19	10°29	23°51	3°12	8°36	14°51	3°39	9° 4	11°32	12°53	3°37	7° 3	F 21
S 22	0 2 15	28°51'36	26°29	11°39	11°43	24°30	3°24	8°43	14°53	3°38	9° 5	11°25	12°50	3°44	7° 0	S 22
S 23	0 6 12	29°49'58	10♌50	13° 3	12°58	25° 9	3°37	8°50	14°54	3°38	9° 5	11°20	12°47	3°51	6°57	S 23
M24	0 10 8	0♌48'22	24°50	14°33	14°12	25°48	3°49	8°58	14°56	3°37	9° 6	11°17	12°44	3°57	6°54	M24
T 25	0 14 5	1°46'48	8♐26	16° 7	15°26	26°27	4° 2	9° 5	14°58	3°36	9° 6	11°D16	12°41	4° 4	6°52	T 25
W26	0 18 2	2°45'15	21°37	17°45	16°40	27° 7	4°14	9°12	14°59	3°35	9° 6	11°17	12°37	4°11	6°49	W26
T 27	0 21 58	3°43'44	4♌25	19°26	17°54	27°46	4°26	9°20	15° 1	3°35	9° 7	11°18	12°34	4°18	6°46	T 27
F 28	0 25 55	4°42'15	16°52	21° 9	19° 8	28°26	4°39	9°27	15° 3	3°34	9° 7	11°19	12°31	4°24	6°43	F 28
S 29	0 29 51	5°40'47	29° 4	22°55	20°23	29° 5	4°51	9°34	15° 5	3°34	9° 7	11°21	12°28	4°31	6°41	S 29
S 30	0 33 48	6♌39'21	11♌ 4	24♐42	21♐37	29♌45	5♐ 3	9♐41	15♌ 6	3♌33	9♐ 7	11°R21	12♌25	4♌38	6°Y38	S 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	8n20	26s 9	3s 6	3n55	4s27	16n32	0n34	3s51	0n31	12n27	0n41	10n29	1n19	22s28	0s 0	18s47	0n25
S 2	7 59	27 12	3 52	4 23	4 17	16 12	0 36	4 7	0 30	12 23	0 41	10 26	1 19	22 28	0 0	18 47	0 25
M 3	7 37	26 59	4 28	4 53	4 5	15 52	0 38	4 22	0 30	12 18	0 41	10 23	1 19	22 28	0 0	18 47	0 25
T 4	7 15	25 32	4 51	5 23	3 52	15 32	0 41	4 38	0 29	12 14	0 41	10 20	1 19	22 28	0 0	18 48	0 25
W 5	6 53	22 57	5 3	5 53	3 37	15 11	0 43	4 53	0 28	12 9	0 42	10 18	1 19	22 28	0 0	18 48	0 25
T 6	6 31	19 22	5 1	6 22	3 21	14 49	0 45	5 8	0 28	12 5	0 42	10 15	1 19	22 28	0 0	18 48	0 25
F 7	6 9	14 59	4 45	6 50	3 4	14 27	0 48	5 24	0 27	12 0	0 42	10 12	1 19	22 28	0 0	18 48	0 25
S 8	5 47	9 57	4 17	7 17	2 47	14 5	0 50	5 39	0 27	11 56	0 42	10 9	1 20	22 29	0 0	18 49	0 25
S 9	5 24	4 28	3 36	7 42	2 28	13 42	0 52	5 54	0 26	11 52	0 42	10 7	1 20	22 29	0 0	18 49	0 25
M10	5 2	1n16	2 44	8 4	2 9	13 19	0 54	6 10	0 25	11 47	0 42	10 4	1 20	22 29	0 0	18 49	0 25
T 11	4 39	7 2	1 43	8 24	1 50	12 56	0 56	6 25	0 25	11 43	0 42	10 1	1 20	22 29	0 0	18 49	0 25
W12	4 17	12 37	0 36	8 40	1 32	12 32	0 58	6 40	0 24	11 38	0 42	9 58	1 20	22 29	0 0	18 50	0 25
T 13	3 54	17 44	0n34	8 54	1 13	12 8	1 0	6 55	0 23	11 34	0 42	9 56	1 20	22 29	0 0	18 50	0 25
F 14	3 31	22 6	1 44	9 3	0 55	11 44	1 1	7 11	0 23	11 29	0 42	9 53	1 20	22 29	0 0	18 50	0 25
S 15	3 8	25 20	2 49	9 10	0 37	11 19	1 3	7 26	0 22	11 25	0 43	9 50	1 20	22 29	0 0	18 50	0 25
S 16	2 45	27 7	3 46	9 12	0 20	10 54	1 5	7 41	0 22	11 20	0 43	9 48	1 20	22 30	0 0	18 51	0 25
M17	2 22	27 11	4 30	9 11	0 4	10 28	1 7	7 56	0 21	11 16	0 43	9 45	1 20	22 30	0 0	18 51	0 25
T 18	1 59	25 26	4 59	9 6	0n11	10 3	1 8	8 11	0 20	11 11	0 43	9 42	1 20	22 30	0 0	18 51	0 25
W19	1 36	21 58	5 8	8 56	0 25	9 37	1 10	8 26	0 20	11 7	0 43	9 39	1 21	22 30	0 0	18 51	0 25
T 20	1 13	17 5	4 57	8 44	0 39	9 10	1 11	8 41	0 19	11 3	0 43	9 37	1 21	22 30	0 0	18 52	0 25
F 21	0 50	11 11	4 26	8 27	0 51	8 44	1 13	8 56	0 19	10 58	0 43	9 34	1 21	22 30	0 0	18 52	0 25
S 22	0 27	4 44	3 38	8 7	1 2	8 17	1 14	9 11	0 18	10 54	0 43	9 31	1 21	22 31	0 0	18 52	0 25
S 23	0 4	1s52	2 37	7 44	1 11	7 50	1 15	9 26	0 17	10 49	0 43	9 29	1 21	22 31	0 0	18 52	0 25
M24	0s19	8 13	1 28	7 17	1 20	7 23	1 17	9 41	0 17	10 45	0 44	9 26	1 21	22 31	0 0	18 52	0 25
T 25	0 42	14 2	0 15	6 48	1 27	6 55	1 18	9 55	0 16	10 41	0 44	9 24	1 21	22 31	0 0	18 53	0 25
W26	1 5	19 0	0s56	6 16	1 34	6 28	1 19	10 10	0 16	10 36	0 44	9 21	1 21	22 31	0 0	18 53	0 25
T 27	1 29	22 57	2 3	5 41	1 39	6 0	1 20	10 25	0 15	10 32	0 44	9 18	1 22	22 31	0 0	18 53	0 25
F 28	1 52	25 43	3 2	5 5	1 43	5 32	1 21	10 39	0 14	10 28	0 44	9 16	1 22	22 32	0 0	18 53	0 25
S 29	2 15	27 12	3 51	4 26	1 46	5 3	1 22	10 54	0 14	10 23	0 44	9 13	1 22	22 32	0 0	18 53	0 25
S 30	2s38	27s22	4s29	3n46	1n49	4n35	1n23	11s 8	0n13	10n19	0n44	9n11	1n22	22s32	0s 0	18s53	0n25

Julian Day Number = 2691021.5, Delta T = 23m59s

Ecliptic obliquity = 23°21'22, Nutation = - 0°00'11

Ayanamsha: Fagan/Bradley = 33°54'43, Lahiri = 33°01'43

## ASTRODIENST EPHEMERIS for the year 2655

OCTOBER 2655

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 37 44	7♂37'57	22♂59	26♂31	22♂51	0♂24	5♂15	9♂48	15♂8	3°R33	9♂7	11°R19	12♂22	4♂45	6°R35	M 1
T 2	0 41 41	8°36'34	4♂51	28°20	24° 6	1° 4	5°27	9°55	15°10	3♂32	9° 8	11♂17	12°18	4°51	6°V32	T 2
W 3	0 45 37	9°35'12	16°46	0♂10	25°20	1°44	5°39	10° 2	15°12	3°32	9° 8	11°13	12°15	4°58	6°30	W 3
T 4	0 49 34	10°33'53	28°48	2° 1	26°34	2°24	5°51	10° 9	15°14	3°31	9° 8	11° 8	12°12	5° 5	6°27	T 4
F 5	0 53 31	11°32'35	10♂59	3°52	27°49	3° 3	6° 3	10°16	15°16	3°31	9° 8	11° 3	12° 9	5°11	6°24	F 5
S 6	0 57 27	12°31'18	23°21	5°42	29° 3	3°43	6°14	10°23	15°18	3°31	9° 8	10°58	12° 6	5°18	6°22	S 6
S 7	1 1 24	13°30'04	5°V56	7°33	0♂18	4°23	6°26	10°30	15°21	3°30	9° 8	10°54	12° 2	5°25	6°19	S 7
M 8	1 5 20	14°28'52	18°44	9°23	1°32	5° 3	6°38	10°37	15°23	3°30	9° 8	10°51	11°59	5°32	6°16	M 8
T 9	1 9 17	15°27'41	1♂45	11°12	2°47	5°43	6°49	10°44	15°25	3°30	9° 8	10°49	11°56	5°38	6°13	T 9
W10	1 13 13	16°26'33	14°59	13° 1	4° 1	6°23	7° 1	10°50	15°27	3°30	9°R 8	10°D49	11°53	5°45	6°11	W10
T 11	1 17 10	17°25'27	28°26	14°50	5°16	7° 3	7°12	10°57	15°30	3°29	9° 8	10°50	11°50	5°52	6° 8	T 11
F 12	1 21 6	18°24'23	12♂11	16°37	6°31	7°43	7°24	11° 4	15°32	3°29	9° 8	10°51	11°47	5°58	6° 5	F 12
S 13	1 25 3	19°23'21	25°52	18°24	7°45	8°24	7°35	11°10	15°34	3°29	9° 8	10°52	11°43	6° 5	6° 3	S 13
S 14	1 29 0	20°10'22	9♂51	20°10	9° 0	9° 4	7°46	11°17	15°37	3°29	9° 8	10°53	11°40	6°12	6° 0	S 14
M15	1 32 56	21°21'25	23°59	21°56	10°15	9°44	7°58	11°23	15°39	3°29	9° 8	10°R54	11°37	6°19	5°57	M15
T 16	1 36 53	22°20'30	8♂14	23°40	11°29	10°25	8° 9	11°30	15°42	3°D29	9° 8	10°53	11°34	6°25	5°55	T 16
W17	1 40 49	23°19'37	22°33	25°24	12°44	11° 5	8°20	11°36	15°44	3°29	9° 8	10°52	11°31	6°32	5°52	W17
T 18	1 44 46	24°18'47	6♂54	27° 7	13°59	11°46	8°31	11°43	15°47	3°29	9° 8	10°50	11°28	6°39	5°50	T 18
F 19	1 48 42	25°17'58	21°12	28°49	15°14	12°26	8°42	11°49	15°50	3°29	9° 7	10°48	11°24	6°46	5°47	F 19
S 20	1 52 39	26°17'12	5♂22	0♂31	16°29	13° 7	8°52	11°55	15°52	3°29	9° 7	10°46	11°21	6°52	5°45	S 20
S 21	1 56 35	27°16'28	19°20	2°11	17°44	13°47	9° 3	12° 1	15°55	3°30	9° 7	10°44	11°18	6°59	5°42	S 21
M22	2 0 32	28°15'47	3♂12	3°51	18°58	14°28	9°14	12° 7	15°58	3°30	9° 7	10°44	11°15	7° 6	5°40	M22
T 23	2 4 28	29°15'07	16°26	5°30	20°13	15° 9	9°24	12°14	16° 1	3°30	9° 6	10°D44	11°12	7°12	5°37	T 23
W24	2 8 25	0♂14'29	29°31	7° 9	21°28	15°50	9°35	12°20	16° 3	3°30	9° 6	10°44	11° 8	7°19	5°35	W24
T 25	2 12 22	1°13'53	12♂16	8°46	22°43	16°31	9°45	12°25	16° 6	3°30	9° 6	10°45	11° 5	7°26	5°32	T 25
F 26	2 16 18	2°13'19	24°43	10°23	23°58	17°12	9°55	12°31	16° 9	3°31	9° 5	10°46	11° 2	7°33	5°30	F 26
S 27	2 20 15	3°12'47	6♂56	12° 0	25°13	17°53	10° 6	12°37	16°12	3°31	9° 5	10°47	10°59	7°39	5°27	S 27
S 28	2 24 11	4°12'16	18°58	13°35	26°28	18°34	10°16	12°43	16°15	3°32	9° 5	10°47	10°56	7°46	5°25	S 28
M29	2 28 8	5°11'47	0♂53	15°10	27°43	19°15	10°26	12°49	16°18	3°32	9° 4	10°R47	10°53	7°53	5°23	M29
T 30	2 32 4	6°11'20	12°46	16°45	28°58	19°56	10°36	12°54	16°21	3°32	9° 4	10°47	10°49	7°59	5°21	T 30
W31	2 36 1	7♂10'54	24♂41	18♂18	0♂13	20♂37	10♂45	13♂0	16♂24	3♂33	9♂3	10♂47	10♂46	8♂6	5°V18	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	3s 1	26s16	4s56	3n 4	1n50	4n 6	1n24	11s23	0n12	10n15	0n44	9n 8	1n22	22s32	0s 0	18s54
T 2	3 24	24 0	5 10	2 21	1 51	3 38	1 24	11 37	0 12	10 10	0 45	9 5	1 22	22 33	0 0	18 54
W 3	3 47	20 41	5 10	1 37	1 50	3 9	1 25	11 51	0 11	10 6	0 45	9 3	1 22	22 33	0 0	18 54
T 4	4 10	16 30	4 57	0 53	1 50	2 40	1 26	12 6	0 11	10 2	0 45	9 0	1 22	22 33	0 0	18 54
F 5	4 33	11 36	4 31	0 7	1 48	2 11	1 26	12 20	0 10	9 58	0 45	8 58	1 23	22 33	0 0	18 54
S 6	4 56	6 10	3 51	0s38	1 46	1 42	1 27	12 34	0 9	9 53	0 45	8 55	1 23	22 33	0 0	18 54
S 7	5 19	0 24	3 0	1 24	1 43	1 13	1 27	12 48	0 9	9 49	0 45	8 53	1 23	22 34	0 1	18 54
M 8	5 41	5n29	1 58	2 11	1 40	0 44	1 27	13 2	0 8	9 45	0 45	8 51	1 23	22 34	0 1	18 54
T 9	6 4	11 16	0 50	2 57	1 36	0 14	1 27	13 16	0 8	9 41	0 46	8 48	1 23	22 34	0 1	18 54
W10	6 27	16 38	0n23	3 43	1 32	0s15	1 28	13 29	0 7	9 37	0 46	8 46	1 23	22 34	0 1	18 54
T 11	6 49	21 17	1 35	4 29	1 27	0 44	1 28	13 43	0 6	9 33	0 46	8 43	1 23	22 35	0 1	18 54
F 12	7 11	24 52	2 43	5 15	1 22	1 14	1 28	13 57	0 6	9 29	0 46	8 41	1 24	22 35	0 1	18 55
S 13	7 34	27 0	3 43	6 0	1 17	1 43	1 28	14 10	0 5	9 24	0 46	8 39	1 24	22 35	0 1	18 55
S 14	7 56	27 29	4 30	6 45	1 12	2 13	1 28	14 24	0 5	9 20	0 46	8 36	1 24	22 36	0 1	18 55
M15	8 18	26 11	5 2	7 29	1 6	2 42	1 28	14 37	0 4	9 16	0 46	8 34	1 24	22 36	0 1	18 55
T 16	8 40	23 12	5 15	8 14	1 0	3 11	1 27	14 50	0 3	9 12	0 47	8 32	1 24	22 36	0 1	18 55
W17	9 2	18 48	5 9	8 57	0 54	3 41	1 27	15 3	0 3	9 8	0 47	8 29	1 24	22 36	0 1	18 55
T 18	9 24	13 20	4 43	9 40	0 48	4 10	1 27	15 16	0 2	9 4	0 47	8 27	1 25	22 37	0 1	18 55
F 19	9 45	7 10	4 0	10 22	0 41	4 39	1 26	15 29	0 2	9 1	0 47	8 25	1 25	22 37	0 1	18 55
S 20	10 7	0 41	3 3	11 4	0 35	5 8	1 26	15 42	0 1	8 57	0 47	8 23	1 25	22 37	0 1	18 55
S 21	10 28	5s45	1 56	11 45	0 28	5 37	1 25	15 55	0 0	8 53	0 47	8 20	1 25	22 38	0 1	18 55
M22	10 49	11 49	0 42	12 25	0 21	6 6	1 25	16 8	0s 0	8 49	0 48	8 18	1 25	22 38	0 1	18 55
T 23	11 10	17 12	0s32	13 5	0 15	6 35	1 24	16 20	0 1	8 45	0 48	8 16	1 25	22 38	0 1	18 55
W24	11 31	21 38	1 42	13 44	0 8	7 3	1 23	16 32	0 1	8 41	0 48	8 14	1 26	22 38	0 1	18 55
T 25	11 52	24 55	2 46	14 22	0 1	7 32	1 23	16 45	0 2	8 38	0 48	8 12	1 26	22 39	0 1	18 55
F 26	12 12	26 55	3 40	14 59	0s 6	8 0	1 22	16 57	0 2	8 34	0 48	8 10	1 26	22 39	0 1	18 55
S 27	12 33	27 33	4 23	15 35	0 13	8 28	1 21	17 9	0 3	8 30	0 48	8 8	1 26	22 39	0 1	18 54
S 28	12 53	26 52	4 54	16 11	0 20	8 56	1 20	17 21	0 4	8 27	0 49	8 6	1 26	22 40	0 1	18 54
M29	13 13	24 58	5 12	16 45	0 27	9 24	1 19	17 33	0 4	8 23	0 49	8 4	1 26	22 40	0 1	18 54
T 30	13 32	21 59	5 17	17 19	0 34	9 52	1 18	17 44	0 5	8 19	0 49	8 2	1 27	22 40	0 1	18 54
W31	13s52	18s 4	5s 8	17s52	0s40	10s19	1n16	17s56	0s 5	8n16	0n49	8n 0	1n27	22s41	0s 1	18s54

Julian Day Number = 2691051.5, Delta T = 23m59s

Ecliptic obliquity = 23°21'22, Nutation = - 0°00'12

Ayanamsha: Fagan/Bradley = 33°54'47, Lahiri = 33°01'47

# ASTRODIENST EPHEMERIS for the year 2655

NOVEMBER 2655

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 39 57	8♂10'31	6♂44	19♂52	1♂28	21♂18	10♂55	13♂5	16♂27	3♂33	9°R 3	10°R47	10♂43	8♂13	5°R16	T 1
F 2	2 43 54	9°10'08	18°58	21°24	2°43	21°59	11° 5	13°11	16°30	3°34	9° 2	10♂47	10°40	8°20	5°Y14	F 2
S 3	2 47 51	10° 9'48	1°Y26	22°56	3°58	22°41	11°14	13°16	16°33	3°35	9° 2	10°46	10°37	8°26	5°12	S 3
S 4	2 51 47	11° 9'29	14°11	24°28	5°13	23°22	11°23	13°21	16°37	3°35	9° 1	10°D46	10°33	8°33	5°10	S 4
M 5	2 55 44	12° 9'13	27°14	25°58	6°29	24° 4	11°33	13°26	16°40	3°36	9° 1	10°47	10°30	8°40	5° 8	M 5
T 6	2 59 40	13° 8'58	10♂36	27°29	7°44	24°45	11°42	13°31	16°43	3°37	9° 0	10°R47	10°27	8°47	5° 6	T 6
W 7	3 3 37	14° 8'45	24°15	28°59	8°59	25°27	11°51	13°36	16°46	3°37	8°59	10°46	10°24	8°53	5° 4	W 7
T 8	3 7 33	15° 8'34	8♂10	0♂28	10°14	26° 8	12° 0	13°41	16°50	3°38	8°59	10°46	10°21	9° 0	5° 2	T 8
F 9	3 11 30	16° 8'25	22°15	1°56	11°29	26°50	12° 9	13°46	16°53	3°39	8°58	10°46	10°18	9° 7	5° 0	F 9
S 10	3 15 26	17° 8'18	6♂28	3°24	12°44	27°32	12°17	13°51	16°56	3°40	8°58	10°45	10°14	9°13	4°58	S 10
S 11	3 19 23	18° 8'14	20°45	4°52	13°59	28°14	12°26	13°56	16°59	3°41	8°57	10°44	10°11	9°20	4°56	S 11
M12	3 23 20	19° 8'11	5♂2	6°19	15°15	28°55	12°34	14° 0	17° 3	3°41	8°56	10°44	10° 8	9°27	4°54	M12
T 13	3 27 16	20° 8'11	19°16	7°45	16°30	29°37	12°43	14° 5	17° 6	3°42	8°55	10°D43	10° 5	9°34	4°53	T 13
W14	3 31 13	21° 8'12	3♂25	9°11	17°45	0♂19	12°51	14° 9	17°10	3°43	8°55	10°44	10° 2	9°40	4°51	W14
T 15	3 35 9	22° 8'16	17°26	10°36	19° 0	1° 1	12°59	14°14	17°13	3°44	8°54	10°44	9° 59	9°47	4°49	T 15
F 16	3 39 6	23° 8'22	1♂18	12° 0	20°16	1°43	13° 7	14°18	17°17	3°45	8°53	10°45	9°55	9°54	4°48	F 16
S 17	3 43 2	24° 8'30	14°59	13°23	21°31	2°25	13°15	14°22	17°20	3°46	8°52	10°46	9°52	10° 1	4°46	S 17
S 18	3 46 59	25° 8'40	28°29	14°46	22°46	3° 8	13°22	14°26	17°23	3°47	8°52	10°47	9°49	10° 7	4°45	S 18
M19	3 50 55	26° 8'52	11♂47	16° 7	24° 1	3°50	13°30	14°30	17°27	3°48	8°51	10°R48	9°46	10°14	4°43	M19
T 20	3 54 52	27° 9'05	24°51	17°28	25°17	4°32	13°37	14°34	17°30	3°50	8°50	10°47	9°43	10°21	4°42	T 20
W21	3 58 49	28° 9'21	7♂41	18°48	26°32	5°14	13°45	14°38	17°34	3°51	8°49	10°46	9°39	10°27	4°40	W21
T 22	4 2 45	29° 9'38	20°17	20° 6	27°47	5°57	13°52	14°42	17°38	3°52	8°48	10°43	9°36	10°34	4°39	T 22
F 23	4 6 42	0♂9'57	2♂39	21°23	29° 3	6°39	13°59	14°46	17°41	3°53	8°47	10°40	9°33	10°41	4°38	F 23
S 24	4 10 38	1°10'17	14°50	22°38	0♂18	7°22	14° 6	14°49	17°45	3°54	8°47	10°37	9°30	10°48	4°37	S 24
S 25	4 14 35	2°10'39	26°51	23°52	1°33	8° 4	14°12	14°53	17°48	3°56	8°46	10°34	9°27	10°54	4°35	S 25
M26	4 18 31	3°11'02	8♂45	25° 3	2°49	8°47	14°19	14°56	17°52	3°57	8°45	10°31	9°24	11° 1	4°34	M26
T 27	4 22 28	4°11'26	20°37	26°13	4° 4	9°29	14°25	14°59	17°55	3°58	8°44	10°29	9°20	11° 8	4°33	T 27
W28	4 26 25	5°11'52	2♂31	27°20	5°19	10°12	14°32	15° 2	17°59	4° 0	8°43	10°D28	9°17	11°14	4°32	W28
T 29	4 30 21	6°12'19	14°31	28°24	6°35	10°55	14°38	15° 6	18° 3	4° 1	8°42	10°28	9°14	11°21	4°31	T 29
F 30	4 34 18	7♂12'47	26♂42	29♂25	7♂50	11♂38	14♂44	15♂9	18♂6	4♂3	8♂41	10♂29	9♂11	11♂28	4♂30	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	14s11	13s25	4s45	18s24	0s47	10s46	1n15	18s 7	0s 6	8n12	0n49	7n58	1n27	22s41	0s 1	18s54
F 2	14 30	8 11	4 9	18 55	0 54	11 13	1 14	18 19	0 7	8 9	0 49	7 56	1 27	22 41	0 1	18 54
S 3	14 49	2 31	3 21	19 25	1 0	11 40	1 13	18 30	0 7	8 6	0 50	7 54	1 27	22 42	0 1	18 54
S 4	15 7	3n23	2 22	19 54	1 7	12 6	1 11	18 41	0 8	8 2	0 50	7 52	1 28	22 42	0 1	18 54
M 5	15 26	9 18	1 14	20 22	1 13	12 32	1 10	18 51	0 8	7 59	0 50	7 50	1 28	22 42	0 1	18 54
T 6	15 44	14 56	0 1	20 49	1 20	12 58	1 8	19 2	0 9	7 56	0 50	7 49	1 28	22 43	0 1	18 53
W 7	16 2	19 58	1n14	21 15	1 26	13 23	1 7	19 13	0 10	7 52	0 50	7 47	1 28	22 43	0 1	18 53
T 8	16 19	24 0	2 26	21 40	1 32	13 48	1 5	19 23	0 10	7 49	0 51	7 45	1 28	22 43	0 1	18 53
F 9	16 37	26 38	3 30	22 4	1 38	14 13	1 4	19 33	0 11	7 46	0 51	7 44	1 29	22 44	0 1	18 53
S 10	16 54	27 33	4 22	22 27	1 43	14 37	1 2	19 43	0 11	7 43	0 51	7 42	1 29	22 44	0 1	18 53
S 11	17 10	26 40	4 58	22 49	1 49	15 1	1 0	19 53	0 12	7 40	0 51	7 40	1 29	22 44	0 1	18 53
M12	17 27	24 2	5 15	23 10	1 54	15 25	0 59	20 3	0 13	7 37	0 51	7 39	1 29	22 45	0 1	18 52
T 13	17 43	19 57	5 13	23 29	1 59	15 48	0 57	20 13	0 13	7 34	0 52	7 37	1 29	22 45	0 1	18 52
W14	17 59	14 45	4 52	23 48	2 4	16 11	0 55	20 22	0 14	7 31	0 52	7 36	1 30	22 45	0 1	18 52
T 15	18 14	8 51	4 14	24 5	2 9	16 34	0 53	20 31	0 14	7 28	0 52	7 34	1 30	22 46	0 1	18 52
F 16	18 30	2 34	3 21	24 21	2 13	16 56	0 51	20 41	0 15	7 25	0 52	7 33	1 30	22 46	0 1	18 52
S 17	18 45	3s46	2 18	24 36	2 17	17 17	0 49	20 50	0 15	7 22	0 52	7 31	1 30	22 46	0 1	18 51
S 18	18 59	9 51	1 7	24 49	2 21	17 38	0 47	20 58	0 16	7 19	0 53	7 30	1 31	22 47	0 1	18 51
M19	19 13	15 24	0s 5	25 2	2 24	17 59	0 45	21 7	0 17	7 17	0 53	7 29	1 31	22 47	0 1	18 51
T 20	19 27	20 9	1 17	25 13	2 28	18 19	0 43	21 15	0 17	7 14	0 53	7 27	1 31	22 47	0 1	18 51
W21	19 41	23 52	2 23	25 23	2 30	18 39	0 41	21 23	0 18	7 11	0 53	7 26	1 31	22 48	0 1	18 50
T 22	19 54	26 20	3 21	25 32	2 33	18 58	0 39	21 31	0 18	7 9	0 53	7 25	1 31	22 48	0 1	18 50
F 23	20 7	27 28	4 8	25 39	2 35	19 17	0 37	21 39	0 19	7 6	0 54	7 24	1 32	22 48	0 1	18 50
S 24	20 19	27 13	4 43	25 45	2 36	19 35	0 34	21 47	0 19	7 4	0 54	7 22	1 32	22 49	0 1	18 50
S 25	20 31	25 42	5 5	25 50	2 37	19 53	0 32	21 54	0 20	7 2	0 54	7 21	1 32	22 49	0 1	18 49
M26	20 43	23 3	5 14	25 53	2 37	20 10	0 30	22 2	0 21	6 59	0 54	7 20	1 32	22 49	0 1	18 49
T 27	20 55	19 27	5 9	25 55	2 37	20 26	0 28	22 9	0 21	6 57	0 55	7 19	1 33	22 50	0 1	18 49
W28	21 6	15 4	4 51	25 56	2 36	20 42	0 25	22 16	0 22	6 55	0 55	7 18	1 33	22 50	0 1	18 49
T 29	21 16	10 5	4 20	25 56	2 35	20 57	0 23	22 22	0 22	6 53	0 55	7 17	1 33	22 50	0 1	18 48
F 30	21s26	4s38	3s38	25s54	2s33	21s12	0n21	22s29	0s23	6n51	0n55	7n16	1n33	22s51	0s 1	18s48

Julian Day Number = 2691082.5, Delta T = 24m00s  
Ecliptic obliquity = 23°21'22", Nutation = - 0°00'12"  
Ayanamsha: Fagan/Bradley = 33°54'52", Lahiri = 33°01'52"

## ASTRODIENST EPHEMERIS for the year 2655

DECEMBER 2655

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 38 14	8♂13'17	9♂10	0♂23	9♂5	12♂21	14♂49	15♂11	18♂10	4♂4	8♂R40	10♂31	9♂8	11♂35	4♂R30	S 1
S 2	4 42 11	9♂13'47	21°57	1°16	10°21	13°4	14°55	15°14	18°14	4°5	8♂39	10°33	9°5	11°41	4♂Y29	S 2
M 3	4 46 7	10°14'19	5♂7	2°5	11°36	13°46	15°1	15°17	18°17	4°7	8°38	10°R34	9°1	11°48	4°28	M 3
T 4	4 50 4	11°14'53	18°42	2°49	12°51	14°29	15°6	15°19	18°21	4°8	8°37	10°34	8°58	11°55	4°27	T 4
W 5	4 54 0	12°15'27	21♂41	3°27	14°7	15°13	15°11	15°22	18°25	4°10	8°36	10°32	8°55	12°2	4°27	W 5
T 6	4 57 57	13°16'03	17°0	3°58	15°22	15°56	15°16	15°24	18°28	4°12	8°35	10°29	8°52	12°8	4°26	T 6
F 7	5 1 54	14°16'41	1♂35	4°22	16°37	16°39	15°21	15°27	18°32	4°13	8°34	10°24	8°49	12°15	4°26	F 7
S 8	5 5 50	15°17'20	16°18	4°38	17°53	17°22	15°26	15°29	18°36	4°15	8°33	10°19	8°45	12°22	4°25	S 8
S 9	5 9 47	16°18'00	1♂3	4°R45	19°8	18°5	15°30	15°31	18°39	4°16	8°32	10°13	8°42	12°28	4°25	S 9
M10	5 13 43	17°18'42	15°41	4°42	20°24	18°49	15°34	15°33	18°43	4°18	8°30	10°9	8°39	12°35	4°24	M10
T 11	5 17 40	18°19'26	0♂7	4°29	21°39	19°32	15°39	15°35	18°47	4°20	8°29	10°6	8°36	12°42	4°24	T 11
W12	5 21 36	19°20'10	14°18	4°5	22°54	20°16	15°42	15°36	18°51	4°22	8°28	10°D 4	8°33	12°49	4°24	W12
T 13	5 25 33	20°20'57	28°11	3°30	24°10	20°59	15°46	15°38	18°54	4°23	8°27	10°4	8°30	12°55	4°23	T 13
F 14	5 29 29	21°21'44	11♂48	2°44	25°25	21°43	15°50	15°39	18°58	4°25	8°26	10°6	8°26	13°2	4°23	F 14
S 15	5 33 26	22°22'34	25°9	1°48	26°41	22°26	15°53	15°41	19°2	4°27	8°25	10°7	8°23	13°9	4°23	S 15
S 16	5 37 23	23°23'24	8♂16	0°42	27°56	23°10	15°57	15°42	19°5	4°29	8°24	10°R 8	8°20	13°16	4°D23	S 16
M17	5 41 19	24°24'16	21°10	29♂28	29°11	23°53	16°0	15°43	19°9	4°31	8°23	10°7	8°17	13°22	4°23	M17
T 18	5 45 16	25°25'09	3♂52	28°9	0♂27	24°37	16°3	15°44	19°13	4°32	8°21	10°5	8°14	13°29	4°23	T 18
W19	5 49 12	26°26'03	16°24	26°46	1°42	25°21	16°5	15°45	19°16	4°34	8°20	9°59	8°11	13°36	4°23	W19
T 20	5 53 9	27°26'59	28°46	25°23	2°58	26°5	16°8	15°46	19°20	4°36	8°19	9°52	8°7	13°42	4°24	T 20
F 21	5 57 5	28°27'55	11♂0	24°3	4°13	26°49	16°10	15°47	19°24	4°38	8°18	9°43	8°4	13°49	4°24	F 21
S 22	6 1 2	29°28'52	23°4	22°48	5°28	27°33	16°12	15°48	19°27	4°40	8°17	9°33	8°1	13°56	4°24	S 22
S 23	6 4 59	0♂29'50	5♂2	21°40	6°44	28°17	16°14	15°48	19°31	4°42	8°16	9°23	7°58	14°3	4°25	S 23
M24	6 8 55	1°30'49	16°55	20°41	7°59	29°1	16°16	15°48	19°35	4°44	8°14	9°14	7°55	14°9	4°25	M24
T 25	6 12 52	2°31'48	28°45	19°52	9°15	29°45	16°18	15°49	19°38	4°46	8°13	9°6	7°51	14°16	4°25	T 25
W26	6 16 48	3°32'47	10♂37	19°15	10°30	0♂29	16°19	15°49	19°42	4°48	8°12	9°1	7°48	14°23	4°26	W26
T 27	6 20 45	4°33'47	22°34	18°48	11°46	1°13	16°20	15°R49	19°46	4°50	8°11	8°58	7°45	14°29	4°27	T 27
F 28	6 24 41	5°34'48	4♂40	18°33	13°1	1°58	16°21	15°49	19°49	4°52	8°10	8°D57	7°42	14°36	4°27	F 28
S 29	6 28 38	6°35'49	17°2	18°D28	14°16	2°42	16°22	15°49	19°53	4°54	8°8	8°57	7°39	14°43	4°28	S 29
S 30	6 32 34	7°36'50	29°44	18°32	15°32	3°26	16°23	15°48	19°56	4°56	8°7	8°58	7°36	14°50	4°29	S 30
M31	6 36 31	8♂37'52	12♂51	18♂47	16♂47	4♂11	16♂23	15♂48	20♂0	4♂58	8♂6	8°R58	7♂32	14♂56	4♂Y29	M31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	21s36	1n 7	2s44	25s51	2s29	21s26	0n18	22s35	0s23	6n49	0n56	7n15	1n34	22s51	0s 1	18s48
S 2	21 45	6 58	1 40	25 46	2 25	21 39	0 16	22 41	0 24	6 47	0 56	7 14	1 34	22 51	0 1	18 47
M 3	21 54	12 43	0 30	25 41	2 20	21 52	0 14	22 47	0 25	6 45	0 56	7 14	1 34	22 52	0 1	18 47
T 4	22 3	18 2	0n44	25 34	2 14	22 4	0 11	22 52	0 25	6 43	0 56	7 13	1 34	22 52	0 1	18 47
W 5	22 11	22 33	1 58	25 26	2 7	22 16	0 9	22 58	0 26	6 41	0 56	7 12	1 35	22 52	0 1	18 46
T 6	22 19	25 48	3 6	25 17	1 59	22 27	0 7	23 3	0 26	6 40	0 57	7 11	1 35	22 53	0 1	18 46
F 7	22 26	27 23	4 3	25 7	1 50	22 37	0 4	23 8	0 27	6 38	0 57	7 11	1 35	22 53	0 1	18 46
S 8	22 33	27 4	4 44	24 55	1 39	22 47	0 2	23 13	0 27	6 36	0 57	7 10	1 35	22 53	0 1	18 45
S 9	22 39	24 50	5 7	24 43	1 26	22 55	0s 1	23 17	0 28	6 35	0 57	7 10	1 36	22 53	0 1	18 45
M10	22 45	21 0	5 9	24 29	1 13	23 4	0 3	23 22	0 28	6 33	0 58	7 9	1 36	22 54	0 1	18 44
T 11	22 51	15 57	4 52	24 14	0 58	23 11	0 5	23 26	0 29	6 32	0 58	7 9	1 36	22 54	0 1	18 44
W12	22 56	10 7	4 17	23 59	0 41	23 18	0 8	23 30	0 30	6 31	0 58	7 8	1 36	22 54	0 1	18 44
T 13	23 0	3 54	3 28	23 42	0 23	23 24	0 10	23 33	0 30	6 29	0 58	7 8	1 37	22 55	0 1	18 43
F 14	23 5	2s23	2 27	23 24	0 4	23 29	0 13	23 37	0 31	6 28	0 59	7 7	1 37	22 55	0 1	18 43
S 15	23 8	8 27	1 20	23 5	0n15	23 34	0 15	23 40	0 31	6 27	0 59	7 7	1 37	22 55	0 1	18 42
S 16	23 11	14 3	0 10	22 46	0 36	23 38	0 17	23 43	0 32	6 26	0 59	7 7	1 37	22 56	0 1	18 42
M17	23 14	18 56	0s59	22 26	0 56	23 41	0 20	23 45	0 32	6 25	0 59	7 7	1 38	22 56	0 1	18 42
T 18	23 17	22 53	2 5	22 5	1 16	23 43	0 22	23 48	0 33	6 24	1 0	7 6	1 38	22 56	0 1	18 41
W19	23 18	25 42	3 3	21 45	1 34	23 45	0 24	23 50	0 33	6 23	1 0	7 6	1 38	22 57	0 1	18 41
T 20	23 20	27 12	3 51	21 25	1 52	23 46	0 27	23 52	0 34	6 23	1 0	7 6	1 38	22 57	0 1	18 40
F 21	23 21	27 22	4 29	21 6	2 8	23 46	0 29	23 54	0 34	6 22	1 0	7 6	1 39	22 57	0 1	18 40
S 22	23 21	26 12	4 53	20 49	2 21	23 46	0 31	23 55	0 35	6 21	1 1	7 6	1 39	22 58	0 1	18 39
S 23	23 21	23 52	5 5	20 34	2 32	23 45	0 34	23 56	0 36	6 21	1 1	7 6	1 39	22 58	0 1	18 39
M24	23 21	20 31	5 3	20 21	2 41	23 43	0 36	23 57	0 36	6 20	1 1	7 6	1 39	22 58	0 1	18 39
T 25	23 20	16 22	4 48	20 11	2 48	23 40	0 38	23 58	0 37	6 20	1 2	7 6	1 40	22 58	0 1	18 38
W26	23 19	11 35	4 21	20 4	2 52	23 37	0 40	23 58	0 37	6 20	1 2	7 7	1 40	22 59	0 1	18 38
T 27	23 17	6 21	3 42	19 59	2 54	23 33	0 42	23 59	0 38	6 20	1 2	7 7	1 40	22 59	0 1	18 37
F 28	23 14	0 48	2 53	19 58	2 55	23 28	0 45	23 59	0 38	6 19	1 2	7 7	1 40	22 59	0 1	18 37
S 29	23 12	4n54	1 55	19 58	2 54	23 22	0 47	23 58	0 39	6 19	1 3	7 7	1 41	23 0	0 1	18 36
S 30	23 8	10 34	0 49	20 1	2 51	23 16	0 49	23 58	0 39	6 19	1 3	7 8	1 41	23 0	0 1	18 36
M31	23s 5	15n58	0n21	20s 6	2n47	23s 9	0s51	23s57	0s40	6n19	1n 3	7n 8	1n41	23s 0	0s 1	18s35

Julian Day Number = 2691112.5, Delta T = 24m00s

Ecliptic obliquity = 23°21'22, Nutation = - 0°00'12

Ayanamsha: Fagan/Bradley = 33°54'56, Lahiri = 33°01'56

# ASTRODIENST EPHEMERIS for the year 2656

JANUARY 2656

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 40 28	9°38'54	26°26	19°9	18°3	4°55	16°23	15°R48	20°3	5°0	8°R 5	8°R57	7°29	15°3	4°Y30	T 1
W 2	6 44 24	10°39'56	10°11	19°39	19°18	5°40	16°R23	15°R47	20° 7	5° 2	8°R 4	8°R53	7°26	15°10	4°31	W 2
T 3	6 48 21	11°40'59	25° 2	20°15	20°33	6°24	16°23	15°46	20°11	5° 4	8° 3	8°47	7°23	15°17	4°32	T 3
F 4	6 52 17	12°42'02	9°55	20°58	21°49	7° 9	16°23	15°45	20°14	5° 7	8° 1	8°38	7°20	15°23	4°33	F 4
S 5	6 56 14	13°43'06	25° 3	21°46	23° 4	7°53	16°22	15°44	20°18	5° 9	8° 0	8°28	7°17	15°30	4°34	S 5
S 6	7 0 10	14°44'10	10°13	22°39	24°19	8°38	16°22	15°43	20°21	5°11	7°59	8°18	7°13	15°37	4°35	S 6
M 7	7 4 7	15°45'14	25°17	23°36	25°35	9°23	16°21	15°42	20°24	5°13	7°58	8° 8	7°10	15°43	4°37	M 7
T 8	7 8 3	16°46'19	10°14	24°37	26°50	10° 8	16°20	15°41	20°28	5°15	7°57	8° 1	7° 7	15°50	4°38	T 8
W 9	7 12 0	17°47'25	24°29	25°41	28° 6	10°52	16°18	15°40	20°31	5°17	7°55	7°57	7° 4	15°57	4°39	W 9
T 10	7 15 57	18°48'31	8°30	26°48	29°21	11°37	16°17	15°38	20°35	5°20	7°54	7°54	7° 1	16° 4	4°41	T 10
F 11	7 19 53	19°49'37	22° 6	27°57	0°36	12°22	16°15	15°37	20°38	5°22	7°53	7°D54	6°57	16°10	4°42	F 11
S 12	7 23 50	20°50'44	5°19	29° 9	1°52	13° 7	16°13	15°35	20°41	5°24	7°52	7°R54	6°54	16°17	4°43	S 12
S 13	7 27 46	21°51'51	18°14	0°23	3° 7	13°52	16°11	15°33	20°45	5°26	7°51	7°54	6°51	16°24	4°45	S 13
M14	7 31 43	22°52'59	0°52	1°39	4°22	14°37	16° 9	15°31	20°48	5°28	7°50	7°52	6°48	16°31	4°46	M14
T 15	7 35 39	23°54'07	13°18	2°56	5°38	15°22	16° 6	15°29	20°51	5°31	7°48	7°47	6°45	16°37	4°48	T 15
W16	7 39 36	24°55'15	25°35	4°15	6°53	16° 7	16° 4	15°27	20°54	5°33	7°47	7°39	6°42	16°44	4°50	W16
T 17	7 43 32	25°56'24	7°34	5°34	8° 8	16°53	16° 1	15°25	20°58	5°35	7°46	7°28	6°38	16°51	4°51	T 17
F 18	7 47 29	26°57'32	19°47	6°56	9°24	17°38	15°58	15°23	21° 1	5°37	7°45	7°14	6°35	16°57	4°53	F 18
S 19	7 51 26	27°58'41	1°44	8°18	10°39	18°23	15°55	15°20	21° 4	5°40	7°44	7° 0	6°32	17° 4	4°55	S 19
S 20	7 55 22	28°59'49	13°39	9°41	11°54	19° 8	15°51	15°18	21° 7	5°42	7°43	6°44	6°29	17°11	4°57	S 20
M21	7 59 19	0°57	25°30	11° 5	13°10	19°54	15°47	15°15	21°10	5°44	7°42	6°30	6°26	17°18	4°59	M21
T 22	8 3 15	1° 2'04	7°21	12°30	14°25	20°39	15°44	15°12	21°13	5°46	7°41	6°18	6°23	17°24	5° 1	T 22
W23	8 7 12	2° 3'11	19°13	13°56	15°40	21°25	15°40	15°10	21°16	5°49	7°40	6° 9	6°19	17°31	5° 3	W23
T 24	8 11 8	3° 4'18	1°Y 9	15°22	16°56	22°10	15°36	15° 7	21°19	5°51	7°39	6° 3	6°16	17°38	5° 5	T 24
F 25	8 15 5	4° 5'24	13°14	16°50	18°11	22°56	15°31	15° 4	21°22	5°53	7°38	6° 0	6°13	17°44	5° 7	F 25
S 26	8 19 1	5° 6'29	25°32	18°17	19°26	23°41	15°27	15° 1	21°25	5°56	7°36	5°59	6°10	17°51	5° 9	S 26
S 27	8 22 58	6° 7'34	8°8	19°46	20°41	24°27	15°22	14°58	21°28	5°58	7°35	5°58	6° 7	17°58	5°11	S 27
M28	8 26 55	7° 8'38	21° 7	21°15	21°57	25°12	15°17	14°54	21°31	6° 0	7°34	5°58	6° 3	18° 5	5°13	M28
T 29	8 30 51	8° 9'42	4°I33	22°45	23°12	25°58	15°12	14°51	21°34	6° 2	7°33	5°56	6° 0	18°11	5°15	T 29
W30	8 34 48	9°10'44	18°30	24°15	24°27	26°44	15° 7	14°48	21°37	6° 5	7°32	5°52	5°57	18°18	5°18	W30
T 31	8 38 44	10°11'46	2°56	25°346	25°42	27°29	15°12	14°44	21°39	6° 7	7°31	5°45	5°54	18°25	5°Y20	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	23s 0	20n47	1n32	20s13	2n42	23s 1	0s53	23s56	0s40	6n20	1n 3	7n 8	1n41	23s 0	0s 1	18s35
W 2	22 56	24 35	2 40	20 21	2 36	22 53	0 55	23 55	0 41	6 20	1 4	7 9	1 42	23 1	0 1	18 34
T 3	22 51	26 55	3 39	20 30	2 30	22 43	0 57	23 53	0 41	6 20	1 4	7 9	1 42	23 1	0 1	18 34
F 4	22 45	27 24	4 26	20 40	2 23	22 34	0 59	23 52	0 42	6 21	1 4	7 10	1 42	23 1	0 1	18 33
S 5	22 39	25 52	4 54	20 51	2 15	22 23	1 0	23 50	0 42	6 21	1 4	7 11	1 42	23 1	0 1	18 33
S 6	22 33	22 28	5 2	21 2	2 8	22 12	1 2	23 47	0 43	6 22	1 5	7 11	1 43	23 2	0 1	18 32
M 7	22 26	17 35	4 49	21 13	1 59	22 0	1 4	23 45	0 43	6 22	1 5	7 12	1 43	23 2	0 1	18 32
T 8	22 18	11 44	4 17	21 24	1 51	21 48	1 6	23 42	0 44	6 23	1 5	7 13	1 43	23 2	0 1	18 31
W 9	22 11	5 23	3 29	21 35	1 43	21 34	1 7	23 39	0 44	6 24	1 6	7 13	1 43	23 2	0 1	18 31
T 10	22 2	1s 4	2 29	21 45	1 34	21 21	1 9	23 36	0 45	6 24	1 6	7 14	1 44	23 3	0 1	18 30
F 11	21 54	7 18	1 23	21 55	1 25	21 6	1 11	23 32	0 45	6 25	1 6	7 15	1 44	23 3	0 1	18 30
S 12	21 45	13 2	0 14	22 5	1 16	20 51	1 12	23 28	0 46	6 26	1 6	7 16	1 44	23 3	0 1	18 29
S 13	21 35	18 4	0s54	22 14	1 8	20 35	1 14	23 24	0 46	6 27	1 7	7 17	1 44	23 3	0 1	18 29
M14	21 25	22 11	1 58	22 22	0 59	20 19	1 15	23 20	0 47	6 28	1 7	7 18	1 44	23 4	0 1	18 28
T 15	21 15	25 13	2 55	22 29	0 50	20 2	1 17	23 15	0 47	6 30	1 7	7 19	1 45	23 4	0 1	18 28
W16	21 4	27 0	3 43	22 35	0 42	19 45	1 18	23 10	0 48	6 31	1 7	7 20	1 45	23 4	0 1	18 27
T 17	20 53	27 28	4 21	22 41	0 33	19 27	1 19	23 5	0 48	6 32	1 8	7 21	1 45	23 4	0 1	18 27
F 18	20 42	26 37	4 46	22 46	0 25	19 8	1 20	23 0	0 49	6 34	1 8	7 22	1 45	23 5	0 1	18 26
S 19	20 30	24 32	4 58	22 49	0 17	18 49	1 22	22 55	0 49	6 35	1 8	7 23	1 46	23 5	0 1	18 26
S 20	20 17	21 25	4 57	22 52	0 9	18 29	1 23	22 49	0 50	6 37	1 8	7 24	1 46	23 5	0 1	18 25
M21	20 5	17 25	4 43	22 53	0 1	18 9	1 24	22 43	0 50	6 38	1 9	7 25	1 46	23 5	0 1	18 24
T 22	19 52	12 46	4 17	22 53	0s 7	17 48	1 25	22 36	0 50	6 40	1 9	7 27	1 46	23 6	0 2	18 24
W23	19 38	7 38	3 40	22 52	0 15	17 27	1 26	22 30	0 51	6 42	1 9	7 28	1 47	23 6	0 2	18 23
T 24	19 24	2 11	2 53	22 50	0 22	17 5	1 27	22 23	0 51	6 44	1 9	7 29	1 47	23 6	0 2	18 23
F 25	19 10	3n25	1 57	22 47	0 29	16 43	1 27	22 16	0 52	6 45	1 10	7 31	1 47	23 6	0 2	18 22
S 26	18 55	8 59	0 55	22 43	0 36	16 20	1 28	22 9	0 52	6 47	1 10	7 32	1 47	23 6	0 2	18 22
S 27	18 41	14 21	0n11	22 37	0 43	15 57	1 29	22 1	0 53	6 49	1 10	7 33	1 47	23 7	0 2	18 21
M28	18 25	19 15	1 19	22 30	0 50	15 33	1 29	21 53	0 53	6 51	1 10	7 35	1 48	23 7	0 2	18 21
T 29	18 10	23 21	2 25	22 22	0 56	15 9	1 30	21 45	0 53	6 54	1 10	7 36	1 48	23 7	0 2	18 20
W30	17 54	26 15	3 24	22 13	1 2	14 45	1 30	21 37	0 54	6 56	1 11	7 38	1 48	23 7	0 2	18 20
T 31	17s38	27n32	4n13	22s 2	1s 8	14s20	1s31	21s29	0s54	6n58	1n11	7n39	1n48	23s 7	0s 2	18s19

Julian Day Number = 2691143.5, Delta T = 24m01s  
 Ecliptic obliquity = 23°21'21, Nutation = - 0°00'10  
 Ayanamsha: Fagan/Bradley = 33°55'00, Lahiri = 33°02'00

## ASTRODIENST EPHEMERIS for the year 2656

FEBRUARY 2656

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8 42 41	11°12'48"	17°50'	27°17'	26°57'	28°15'	14°R57	14°R41	21°42'	6°9	7°R30	5°R36	5°51'	18°31'	5°Y22	F 1
S 2	8 46 37	12°13'48"	3°30'	28°50'	28°12'	29°1	14°R51	14°R37	21°45'	6°12	7°R30	5°R25	5°48'	18°38'	5°Y25	S 2
S 3	8 50 34	13°14'48"	18°25'	0°22'	29°28'	29°47'	14°45'	14°33'	21°47'	6°14	7°29	5°13'	5°44'	18°45'	5°27	S 3
M 4	8 54 31	14°15'47"	3°14'45"	1°56'	0°43'	0°33'	14°39'	14°29'	21°50'	6°16	7°28	5°2	5°41'	18°52'	5°30	M 4
T 5	8 58 27	15°16'45"	18°50'	3°30'	1°58'	1°19'	14°33'	14°26'	21°53'	6°18	7°27	4°54'	5°38'	18°58'	5°32	T 5
W 6	9 2 24	16°17'43"	3°23'33"	5°4	3°13'	2°5	14°27'	14°22'	21°55'	6°21	7°26	4°48'	5°35'	19°5	5°35	W 6
T 7	9 6 20	17°18'40"	17°48'	6°39'	4°28'	2°51'	14°21'	14°18'	21°58'	6°23	7°25	4°45'	5°32'	19°12'	5°38	T 7
F 8	9 10 17	18°19'36"	1°13'34"	8°15'	5°43'	3°37'	14°15'	14°14'	22°0	6°25	7°24	4°D44	5°29'	19°19'	5°40	F 8
S 9	9 14 13	19°20'32"	14°53'	9°51'	6°58'	4°23'	14°8	14°9	22°3	6°27	7°23	4°R44	5°25'	19°25'	5°43	S 9
S 10	9 18 10	20°21'28"	27°47'	11°28'	8°13'	5°9	14°2	14°5	22°5	6°29	7°22	4°44	5°22'	19°32'	5°46	S 10
M11	9 22 6	21°22'23"	10°22'	13°6	9°28'	5°55'	13°55'	14°1	22°7	6°32	7°22	4°42	5°19'	19°39'	5°48	M11
T 12	9 26 3	22°23'17"	22°41'	14°45'	10°43'	6°41'	13°48'	13°57'	22°10'	6°34	7°21	4°38'	5°16'	19°45'	5°51	T 12
W13	9 30 0	23°24'11"	4°34'49"	16°24'	11°58'	7°27'	13°41'	13°52'	22°12'	6°36	7°20	4°32'	5°13'	19°52'	5°54	W13
T 14	9 33 56	24°25'03"	16°49'	18°4	13°13'	8°14'	13°34'	13°48'	22°14'	6°38	7°19	4°22'	5°9	19°59'	5°57	T 14
F 15	9 37 53	25°25'55"	28°45'	19°44'	14°28'	9°0	13°27'	13°44'	22°16'	6°41	7°18	4°10'	5°6	20°6	6°0	F 15
S 16	9 41 49	26°26'46"	10°37'	21°26'	15°43'	9°46'	13°20'	13°39'	22°18'	6°43	7°18	3°57'	5°3	20°12'	6°3	S 16
S 17	9 45 46	27°27'36"	22°29'	23°8	16°57'	10°32'	13°12'	13°35'	22°20'	6°45	7°17	3°43'	5°0	20°19'	6°6	S 17
M18	9 49 42	28°28'24"	4°21'	24°51'	18°12'	11°19'	13°5	13°30'	22°22'	6°47	7°16	3°30'	4°57'	20°26'	6°9	M18
T 19	9 53 39	29°29'12"	16°15'	26°34'	19°27'	12°5	12°57'	13°25'	22°24'	6°49	7°16	3°20'	4°54'	20°32'	6°12	T 19
W20	9 57 35	0°29'58"	28°12'	28°19'	20°42'	12°52'	12°50'	13°21'	22°26'	6°51	7°15	3°11'	4°50'	20°39'	6°15	W20
T 21	10 1 32	1°30'43"	10°14'	0°4	21°57'	13°38'	12°42'	13°16'	22°28'	6°53	7°14	3°6	4°47'	20°46'	6°18	T 21
F 22	10 5 28	2°31'26"	22°25'	1°50'	23°11'	14°25'	12°34'	13°11'	22°30'	6°56	7°14	3°3	4°44'	20°53'	6°21	F 22
S 23	10 9 25	3°32'08"	4°46'	3°37'	24°26'	15°11'	12°27'	13°7	22°32'	6°58	7°13	3°D 2	4°41'	20°59'	6°24	S 23
S 24	10 13 22	4°32'48"	17°23'	5°24'	25°41'	15°57'	12°19'	13°2	22°33'	7°0	7°12	3°3	4°38'	21°6	6°27	S 24
M25	10 17 18	5°33'27"	0°11'18"	7°13	26°55'	16°44'	12°11'	12°57'	22°35'	7°2	7°12	3°R 4	4°35'	21°13'	6°30	M25
T 26	10 21 15	6°34'04"	13°37'	9°2	28°10'	17°31'	12°3	12°52'	22°37'	7°4	7°11	3°4	4°31'	21°19'	6°34	T 26
W27	10 25 11	7°34'39"	27°22'	10°52'	29°25'	18°17'	11°56'	12°47'	22°38'	7°6	7°11	3°2	4°28'	21°26'	6°37	W27
T 28	10 29 8	8°35'13"	11°34'	12°42'	0°Y39	19°4	11°48'	12°43'	22°40'	7°8	7°10	2°58	4°25'	21°33'	6°40	T 28
F 29	10 33 4	9°35'45"	26°13'	14°33'	1°Y54	19°50'	11°40'	12°38'	22°41'	7°10	7°10	2°52	4°22'	21°40'	6°Y43	F 29

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	17s21	26n54	4n46	21s50	1s14	13s55	1s31	21s20	0s55	7n 0	1n11	7n41	1n48	23s 7	0s 2	18s18	0n22	16n45	6s24	13n20
S 2	17 4	24 16	5 0	21 37	1 19	13 29	1 31	21 11	0 55	7 3	1 11	7 42	1 49	23 8	0 2	18 18	0 22	16 45	6 24	13 17
S 3	16 47	19 53	4 52	21 23	1 25	13 3	1 32	21 2	0 56	7 5	1 12	7 44	1 49	23 8	0 2	18 17	0 22	16 45	6 24	13 13
M 4	16 30	14 12	4 24	21 7	1 30	12 37	1 32	20 52	0 56	7 7	1 12	7 46	1 49	23 8	0 2	18 17	0 22	16 46	6 24	13 9
T 5	16 12	7 44	3 37	20 50	1 34	12 10	1 32	20 43	0 56	7 10	1 12	7 47	1 49	23 8	0 2	18 16	0 22	16 46	6 24	13 7
W 6	15 54	1 0	2 37	20 32	1 39	11 43	1 32	20 33	0 57	7 13	1 12	7 49	1 49	23 8	0 2	18 16	0 22	16 46	6 24	13 5
T 7	15 36	5s36	1 28	20 12	1 43	11 16	1 32	20 23	0 57	7 15	1 12	7 51	1 50	23 8	0 2	18 15	0 22	16 46	6 23	13 4
F 8	15 17	11 43	0 17	19 51	1 47	10 48	1 32	20 13	0 58	7 18	1 13	7 52	1 50	23 9	0 2	18 15	0 22	16 46	6 23	13 3
S 9	14 58	17 6	0s53	19 29	1 50	10 21	1 32	20 2	0 58	7 20	1 13	7 54	1 50	23 9	0 2	18 14	0 22	16 47	6 23	13 3
S 10	14 39	21 32	1 59	19 6	1 53	9 52	1 31	19 51	0 58	7 23	1 13	7 56	1 50	23 9	0 2	18 13	0 22	16 47	6 23	13 3
M11	14 20	24 50	2 57	18 41	1 56	9 24	1 31	19 41	0 59	7 26	1 13	7 58	1 50	23 9	0 2	18 13	0 22	16 47	6 23	13 3
T 12	14 0	26 54	3 45	18 15	1 59	8 55	1 31	19 29	0 59	7 29	1 13	8 0	1 50	23 9	0 2	18 12	0 22	16 47	6 23	13 1
W13	13 40	27 38	4 22	17 47	2 1	8 26	1 30	19 18	0 59	7 32	1 13	8 1	1 51	23 9	0 2	18 12	0 22	16 47	6 22	12 59
T 14	13 20	27 3	4 47	17 19	2 3	7 57	1 30	19 6	1 0	7 34	1 14	8 3	1 51	23 10	0 2	18 11	0 22	16 47	6 22	12 56
F 15	13 0	25 14	5 0	16 49	2 4	7 28	1 29	18 55	1 0	7 37	1 14	8 5	1 51	23 10	0 2	18 11	0 22	16 48	6 22	12 52
S 16	12 39	22 18	4 59	16 17	2 5	6 58	1 28	18 43	1 0	7 40	1 14	8 7	1 51	23 10	0 2	18 10	0 22	16 48	6 22	12 47
S 17	12 19	18 28	4 46	15 45	2 6	6 29	1 28	18 31	1 1	7 43	1 14	8 9	1 51	23 10	0 2	18 10	0 22	16 48	6 22	12 43
M18	11 58	13 54	4 19	15 11	2 6	5 59	1 27	18 18	1 1	7 46	1 14	8 11	1 51	23 10	0 2	18 9	0 22	16 48	6 22	12 38
T 19	11 37	8 49	3 42	14 35	2 6	5 29	1 26	18 6	1 1	7 49	1 14	8 13	1 51	23 10	0 2	18 9	0 22	16 48	6 22	12 35
W20	11 15	3 23	2 54	13 59	2 6	4 59	1 25	17 53	1 2	7 52	1 15	8 14	1 52	23 10	0 2	18 8	0 22	16 49	6 21	12 32
T 21	10 54	2n13	1 59	13 21	2 5	4 28	1 24	17 40	1 2	7 55	1 15	8 16	1 52	23 10	0 2	18 8	0 22	16 49	6 21	12 30
F 22	10 32	7 49	0 56	12 42	2 3	3 58	1 23	17 27	1 2	7 58	1 15	8 18	1 52	23 11	0 2	18 7	0 22	16 49	6 21	12 29
S 23	10 11	13 13	0n 9	12 2	2 1	3 27	1 22	17 14	1 3	8 1	1 15	8 20	1 52	23 11	0 2	18 7	0 22	16 49	6 21	12 29
S 24	9 49	18 11	1 16	11 20	1 59	2 57	1 20	17 0	1 3	8 4	1 15	8 22	1 52	23 11	0 2	18 6	0 22	16 50	6 21	12 29
M25	9 26	22 26	2 21	10 37	1 56	2 26	1 19	16 46	1 3	8 7	1 15	8 24	1 52	23 11	0 2	18 6	0 22	16 50	6 21	12 29
T 26	9 4	25 39	3 20	9 54	1 52	1 55	1 18	16 33	1 4	8 11	1 15	8 26	1 52	23 11	0 2	18 5	0 22	16 50	6 20	12 29
W27	8 42	27 29	4 9	9 8	1 48	1 24	1 16	16 19	1 4	8 14	1 15	8 28	1 52	23 11	0 2	18 4	0 22	16 50	6 20	12 29
T 28	8 19	27 35	4 45	8 22	1 44	0 53	1 15	16 4	1 4	8 17	1 15	8 30	1 52	23 11	0 2	18 4	0 22	16 50	6 20	12 27
F 29	7s57	25n48	5n 4	7s35	1s39	0s22	1s13	15s50	1s 4	8n20	1n16	8n32	1n53	23s11	0s 2	18s 3	0n22	16n51	6s20	12n25

Julian Day Number = 2691174.5, Delta T = 24m01s

Ecliptic obliquity = 23°21'22", Nutation = - 0°00'08"

Ayanamsha: Fagan/Bradley = 33°55'04", Lahiri = 33°02'04"

# ASTRODIENST EPHEMERIS for the year 2656

MARCH 2656

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 37 1	10 <sup>h</sup> 36'15	11 <sup>h</sup> 13	16 <sup>h</sup> 24	3 <sup>h</sup> 7 8	20 <sup>h</sup> 37	11 <sup>h</sup> 32	12 <sup>h</sup> 33	22 <sup>h</sup> 43	7 <sup>h</sup> 12	7 <sup>h</sup> 9	2 <sup>h</sup> 44	4 <sup>h</sup> 19	21 <sup>h</sup> 46	6 <sup>h</sup> 47	S 1
S 2	10 40 58	11 <sup>h</sup> 36'44	26 <sup>h</sup> 26	18 <sup>h</sup> 16	4 <sup>h</sup> 23	21 <sup>h</sup> 24	11 <sup>h</sup> 24	12 <sup>h</sup> 28	22 <sup>h</sup> 44	7 <sup>h</sup> 14	7 <sup>h</sup> 9	2 <sup>h</sup> 36	4 <sup>h</sup> 15	21 <sup>h</sup> 53	6 <sup>h</sup> 50	S 2
M 3	10 44 54	12 <sup>h</sup> 37'11	11 <sup>h</sup> 42	20 <sup>h</sup> 8	5 <sup>h</sup> 37	22 <sup>h</sup> 10	11 <sup>h</sup> 16	12 <sup>h</sup> 23	22 <sup>h</sup> 46	7 <sup>h</sup> 16	7 <sup>h</sup> 9	2 <sup>h</sup> 28	4 <sup>h</sup> 12	22 <sup>h</sup> 0	6 <sup>h</sup> 53	M 3
T 4	10 48 51	13 <sup>h</sup> 37'36	26 <sup>h</sup> 50	22 <sup>h</sup> 1	6 <sup>h</sup> 51	22 <sup>h</sup> 57	11 <sup>h</sup> 8	12 <sup>h</sup> 18	22 <sup>h</sup> 47	7 <sup>h</sup> 18	7 <sup>h</sup> 8	2 <sup>h</sup> 22	4 <sup>h</sup> 9	22 <sup>h</sup> 6	6 <sup>h</sup> 57	T 4
W 5	10 52 47	14 <sup>h</sup> 38'00	11 <sup>h</sup> 40	23 <sup>h</sup> 53	8 <sup>h</sup> 6	23 <sup>h</sup> 44	11 <sup>h</sup> 0	12 <sup>h</sup> 14	22 <sup>h</sup> 48	7 <sup>h</sup> 20	7 <sup>h</sup> 8	2 <sup>h</sup> 18	4 <sup>h</sup> 6	22 <sup>h</sup> 13	7 <sup>h</sup> 0	W 5
T 6	10 56 44	15 <sup>h</sup> 38'22	26 <sup>h</sup> 5	25 <sup>h</sup> 45	9 <sup>h</sup> 20	24 <sup>h</sup> 30	10 <sup>h</sup> 52	12 <sup>h</sup> 9	22 <sup>h</sup> 49	7 <sup>h</sup> 21	7 <sup>h</sup> 7	2 <sup>h</sup> 16	4 <sup>h</sup> 3	22 <sup>h</sup> 20	7 <sup>h</sup> 4	T 6
F 7	11 0 40	16 <sup>h</sup> 38'43	10 <sup>h</sup> 13	27 <sup>h</sup> 36	10 <sup>h</sup> 34	25 <sup>h</sup> 17	10 <sup>h</sup> 45	12 <sup>h</sup> 4	22 <sup>h</sup> 50	7 <sup>h</sup> 23	7 <sup>h</sup> 7	2 <sup>h</sup> 16	4 <sup>h</sup> 0	22 <sup>h</sup> 27	7 <sup>h</sup> 7	F 7
S 8	11 4 37	17 <sup>h</sup> 39'03	23 <sup>h</sup> 32	29 <sup>h</sup> 27	11 <sup>h</sup> 48	26 <sup>h</sup> 4	10 <sup>h</sup> 37	11 <sup>h</sup> 59	22 <sup>h</sup> 51	7 <sup>h</sup> 25	7 <sup>h</sup> 7	2 <sup>h</sup> 18	3 <sup>h</sup> 56	22 <sup>h</sup> 33	7 <sup>h</sup> 10	S 8
S 9	11 8 33	18 <sup>h</sup> 39'21	6 <sup>h</sup> 34	1 <sup>h</sup> 16	13 <sup>h</sup> 3	26 <sup>h</sup> 51	10 <sup>h</sup> 29	11 <sup>h</sup> 54	22 <sup>h</sup> 52	7 <sup>h</sup> 27	7 <sup>h</sup> 7	2 <sup>h</sup> 19	3 <sup>h</sup> 53	22 <sup>h</sup> 40	7 <sup>h</sup> 14	S 9
M10	11 12 30	19 <sup>h</sup> 39'38	19 <sup>h</sup> 13	3 <sup>h</sup> 4	14 <sup>h</sup> 17	27 <sup>h</sup> 38	10 <sup>h</sup> 21	11 <sup>h</sup> 50	22 <sup>h</sup> 53	7 <sup>h</sup> 29	7 <sup>h</sup> 6	2 <sup>h</sup> 20	3 <sup>h</sup> 50	22 <sup>h</sup> 47	7 <sup>h</sup> 17	M10
T 11	11 16 26	20 <sup>h</sup> 39'53	1 <sup>h</sup> 34	4 <sup>h</sup> 50	15 <sup>h</sup> 31	28 <sup>h</sup> 24	10 <sup>h</sup> 14	11 <sup>h</sup> 45	22 <sup>h</sup> 54	7 <sup>h</sup> 31	7 <sup>h</sup> 6	2 <sup>h</sup> 19	3 <sup>h</sup> 47	22 <sup>h</sup> 53	7 <sup>h</sup> 21	T 11
W12	11 20 23	21 <sup>h</sup> 40'07	13 <sup>h</sup> 42	6 <sup>h</sup> 33	16 <sup>h</sup> 45	29 <sup>h</sup> 11	10 <sup>h</sup> 6	11 <sup>h</sup> 40	22 <sup>h</sup> 55	7 <sup>h</sup> 32	7 <sup>h</sup> 6	2 <sup>h</sup> 16	3 <sup>h</sup> 44	23 <sup>h</sup> 0	7 <sup>h</sup> 24	W12
T 13	11 24 20	22 <sup>h</sup> 40'20	25 <sup>h</sup> 39	8 <sup>h</sup> 14	17 <sup>h</sup> 59	29 <sup>h</sup> 58	9 <sup>h</sup> 58	11 <sup>h</sup> 35	22 <sup>h</sup> 56	7 <sup>h</sup> 34	7 <sup>h</sup> 6	2 <sup>h</sup> 12	3 <sup>h</sup> 41	23 <sup>h</sup> 7	7 <sup>h</sup> 28	T 13
F 14	11 28 16	23 <sup>h</sup> 40'31	7 <sup>h</sup> 32	9 <sup>h</sup> 51	19 <sup>h</sup> 13	0 <sup>h</sup> 45	9 <sup>h</sup> 51	11 <sup>h</sup> 31	22 <sup>h</sup> 57	7 <sup>h</sup> 36	7 <sup>h</sup> 5	2 <sup>h</sup> 6	3 <sup>h</sup> 37	23 <sup>h</sup> 14	7 <sup>h</sup> 31	F 14
S 15	11 32 13	24 <sup>h</sup> 40'40	19 <sup>h</sup> 23	11 <sup>h</sup> 25	20 <sup>h</sup> 27	1 <sup>h</sup> 32	9 <sup>h</sup> 43	11 <sup>h</sup> 26	22 <sup>h</sup> 57	7 <sup>h</sup> 38	7 <sup>h</sup> 5	1 <sup>h</sup> 59	3 <sup>h</sup> 34	23 <sup>h</sup> 20	7 <sup>h</sup> 35	S 15
S 16	11 36 9	25 <sup>h</sup> 40'48	1 <sup>h</sup> 14	12 <sup>h</sup> 53	21 <sup>h</sup> 41	2 <sup>h</sup> 19	9 <sup>h</sup> 36	11 <sup>h</sup> 21	22 <sup>h</sup> 58	7 <sup>h</sup> 39	7 <sup>h</sup> 5	1 <sup>h</sup> 52	3 <sup>h</sup> 31	23 <sup>h</sup> 27	7 <sup>h</sup> 38	S 16
M17	11 40 6	26 <sup>h</sup> 40'54	13 <sup>h</sup> 9	14 <sup>h</sup> 17	22 <sup>h</sup> 55	3 <sup>h</sup> 6	9 <sup>h</sup> 29	11 <sup>h</sup> 17	22 <sup>h</sup> 59	7 <sup>h</sup> 41	7 <sup>h</sup> 5	1 <sup>h</sup> 45	3 <sup>h</sup> 28	23 <sup>h</sup> 34	7 <sup>h</sup> 42	M17
T 18	11 44 2	27 <sup>h</sup> 40'58	25 <sup>h</sup> 8	15 <sup>h</sup> 35	24 <sup>h</sup> 9	3 <sup>h</sup> 53	9 <sup>h</sup> 21	11 <sup>h</sup> 12	22 <sup>h</sup> 59	7 <sup>h</sup> 43	7 <sup>h</sup> 5	1 <sup>h</sup> 40	3 <sup>h</sup> 25	23 <sup>h</sup> 40	7 <sup>h</sup> 45	T 18
W19	11 47 59	28 <sup>h</sup> 41'01	7 <sup>h</sup> 15	16 <sup>h</sup> 47	25 <sup>h</sup> 22	4 <sup>h</sup> 39	9 <sup>h</sup> 14	11 <sup>h</sup> 8	23 <sup>h</sup> 0	7 <sup>h</sup> 44	7 <sup>h</sup> 5	1 <sup>h</sup> 35	3 <sup>h</sup> 21	23 <sup>h</sup> 47	7 <sup>h</sup> 49	W19
T 20	11 51 55	29 <sup>h</sup> 41'01	19 <sup>h</sup> 29	17 <sup>h</sup> 52	26 <sup>h</sup> 36	5 <sup>h</sup> 26	9 <sup>h</sup> 7	11 <sup>h</sup> 3	23 <sup>h</sup> 0	7 <sup>h</sup> 46	7 <sup>h</sup> 5	1 <sup>h</sup> 33	3 <sup>h</sup> 18	23 <sup>h</sup> 54	7 <sup>h</sup> 53	T 20
F 21	11 55 52	0 <sup>h</sup> 41'00	1 <sup>h</sup> 52	18 <sup>h</sup> 50	27 <sup>h</sup> 50	6 <sup>h</sup> 13	9 <sup>h</sup> 0	10 <sup>h</sup> 59	23 <sup>h</sup> 1	7 <sup>h</sup> 47	7 <sup>h</sup> 5	1 <sup>h</sup> 33	3 <sup>h</sup> 15	24 <sup>h</sup> 1	7 <sup>h</sup> 56	F 21
S 22	11 59 49	1 <sup>h</sup> 40'56	14 <sup>h</sup> 27	19 <sup>h</sup> 40	29 <sup>h</sup> 3	7 <sup>h</sup> 0	8 <sup>h</sup> 54	10 <sup>h</sup> 54	23 <sup>h</sup> 1	7 <sup>h</sup> 49	7 <sup>h</sup> 5	1 <sup>h</sup> 33	3 <sup>h</sup> 12	24 <sup>h</sup> 7	8 <sup>h</sup> 0	S 22
S 23	12 3 45	2 <sup>h</sup> 40'51	27 <sup>h</sup> 14	20 <sup>h</sup> 23	0 <sup>h</sup> 17	7 <sup>h</sup> 47	8 <sup>h</sup> 47	10 <sup>h</sup> 50	23 <sup>h</sup> 1	7 <sup>h</sup> 50	7 <sup>h</sup> 5	1 <sup>h</sup> 34	3 <sup>h</sup> 9	24 <sup>h</sup> 14	8 <sup>h</sup> 3	S 23
M24	12 7 42	3 <sup>h</sup> 40'43	10 <sup>h</sup> 18	20 <sup>h</sup> 57	1 <sup>h</sup> 31	8 <sup>h</sup> 34	8 <sup>h</sup> 40	10 <sup>h</sup> 46	23 <sup>h</sup> 1	7 <sup>h</sup> 52	7 <sup>h</sup> 5	1 <sup>h</sup> 36	3 <sup>h</sup> 6	24 <sup>h</sup> 21	8 <sup>h</sup> 7	M24
T 25	12 11 38	4 <sup>h</sup> 40'34	23 <sup>h</sup> 39	21 <sup>h</sup> 23	2 <sup>h</sup> 44	9 <sup>h</sup> 21	8 <sup>h</sup> 34	10 <sup>h</sup> 41	23 <sup>h</sup> 2	7 <sup>h</sup> 53	7 <sup>h</sup> 5	1 <sup>h</sup> 37	3 <sup>h</sup> 2	24 <sup>h</sup> 27	8 <sup>h</sup> 10	T 25
W26	12 15 35	5 <sup>h</sup> 40'22	7 <sup>h</sup> 19	21 <sup>h</sup> 41	3 <sup>h</sup> 57	10 <sup>h</sup> 8	8 <sup>h</sup> 27	10 <sup>h</sup> 37	23 <sup>h</sup> 2	7 <sup>h</sup> 55	7 <sup>h</sup> 5	1 <sup>h</sup> 38	2 <sup>h</sup> 59	24 <sup>h</sup> 34	8 <sup>h</sup> 14	W26
T 27	12 19 31	6 <sup>h</sup> 40'08	21 <sup>h</sup> 20	21 <sup>h</sup> 49	5 <sup>h</sup> 11	10 <sup>h</sup> 55	8 <sup>h</sup> 21	10 <sup>h</sup> 33	23 <sup>h</sup> 2	7 <sup>h</sup> 56	7 <sup>h</sup> 5	1 <sup>h</sup> 37	2 <sup>h</sup> 56	24 <sup>h</sup> 41	8 <sup>h</sup> 18	T 27
F 28	12 23 28	7 <sup>h</sup> 39'51	5 <sup>h</sup> 41	21 <sup>h</sup> 50	6 <sup>h</sup> 24	11 <sup>h</sup> 42	8 <sup>h</sup> 15	10 <sup>h</sup> 29	23 <sup>h</sup> 2	7 <sup>h</sup> 58	7 <sup>h</sup> 5	1 <sup>h</sup> 35	2 <sup>h</sup> 53	24 <sup>h</sup> 48	8 <sup>h</sup> 21	F 28
S 29	12 27 24	8 <sup>h</sup> 39'33	20 <sup>h</sup> 19	21 <sup>h</sup> 42	7 <sup>h</sup> 37	12 <sup>h</sup> 29	8 <sup>h</sup> 9	10 <sup>h</sup> 25	23 <sup>h</sup> 2	7 <sup>h</sup> 59	7 <sup>h</sup> 6	1 <sup>h</sup> 33	2 <sup>h</sup> 50	24 <sup>h</sup> 54	8 <sup>h</sup> 25	S 29
S 30	12 31 21	9 <sup>h</sup> 39'12	5 <sup>h</sup> 19	21 <sup>h</sup> 27	8 <sup>h</sup> 51	13 <sup>h</sup> 16	8 <sup>h</sup> 3	10 <sup>h</sup> 21	23 <sup>h</sup> 2	8 <sup>h</sup> 0	7 <sup>h</sup> 6	1 <sup>h</sup> 29	2 <sup>h</sup> 46	25 <sup>h</sup> 1	8 <sup>h</sup> 28	S 30
M31	12 35 18	10 <sup>h</sup> 38'49	20 <sup>h</sup> 13	21 <sup>h</sup> 14	10 <sup>h</sup> 4	14 <sup>h</sup> 13	7 <sup>h</sup> 57	10 <sup>h</sup> 17	23 <sup>h</sup> 1	8 <sup>h</sup> 1	7 <sup>h</sup> 6	1 <sup>h</sup> 27	2 <sup>h</sup> 43	25 <sup>h</sup> 8	8 <sup>h</sup> 32	M31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	7s34	22n12	5n 3	6s46	1s33	0n 9	1s12	15s36	1 s 5	8n23	1n16	8n34	1n53	23s11	0s 2	18s 3	0n22	16n51	6s20	12n23	12n55	18s51	4n58	2n29	
S 2	7 11	17 3	4 40	5 57	1 27	0 40	1 10	15 21	1 5	8 26	1 16	8 36	1 53	23 11	0 2	18 2	0 22	16 51	6 19	12 20	12 54	18 48	4 59	2 29	
M 3	6 48	10 49	3 58	5 7	1 20	1 11	1 8	15 6	1 5	8 29	1 16	8 38	1 53	23 12	0 2	18 2	0 22	16 51	6 19	12 17	12 53	18 46	5 0	2 29	
T 4	6 25	4 0	2 59	4 16	1 12	1 42	1 7	14 51	1 5	8 32	1 16	8 40	1 53	23 12	0 2	18 2	0 22	16 51	6 19	12 15	12 52	18 43	5 1	2 28	
W 5	6 2	2s56	1 49	3 24	1 4	2 13	1 5	14 36	1 6	8 35	1 16	8 41	1 53	23 12	0 2	18 1	0 22	16 52	6 19	12 14	12 51	18 41	5 3	2 28	
T 6	5 39	9 31	0 33	2 32	0 55	2 43	1 3	14 21	1 6	8 38	1 16	8 43	1 53	23 12	0 2	18 1	0 22	16 52	6 19	12 13	12 49	18 38	5 4	2 28	
F 7	5 15	15 26	0s42	1 39	0 46	3 14	1 1	14 5	1 6	8 41	1 16	8 45	1 53	23 12	0 2	18 0	0 22	16 52	6 19	12 13	12 48	18 36	5 5	2 28	
S 8	4 52	20 24	1 52	0 46	0 36	3 45	0 59	13 50	1 6	8 44	1 16	8 47	1 53	23 12	0 2	18 0	0 22	16 52	6 18	12 14	12 47	18 33	5 6	2 28	
S 9	4 28	24 12	2 55	0n 7	0 25	4 16	0 57	13 34	1 7	8 47	1 16	8 49	1 53	23 12	0 2	17 59	0 22	16 52	6 18	12 14	12 46	18 31	5 8	2 28	
M10	4 5	26 41	3 46	1 0	0 14	4 46	0 55	13 18	1 7	8 50	1 16	8 51	1 53	23 12	0 2	17 59	0 22	16 53	6 18	12 14	12 45	18 28	5 9	2 28	
T 11	3 41	27 47	4 26	1 53	0 2	5 17	0 52	13 2	1 7	8 53	1 16	8 53	1 53	23 12	0 2	17 58	0 22	16 53	6 18	12 14	12 44	18 26	5 10	2 28	
W12	3 18	27 31	4 54	2 45	0n10	5 47	0 50	12 46	1 7	8 56	1 16	8 55	1 53	23 12	0 2	17 58	0 22	16 53	6 18	12 13	12 43	18 23	5 11	2 28	
T 13	2 54	25 58	5 8	3 36	0 22	6 18	0 48	12 30	1 7	8 59	1 16	8 56	1 53	23 12	0 2	17 57	0 22	16 53	6 17	12 12	12 42	18 21	5 13	2 28	
F 14	2 30	23 17	5 8	4 26	0 35	6 48	0 46	12 13	1 8	9 2	1 16	8 58	1 53	23 12	0 2	17 57	0 22	16 53	6 17	12 10	12 41	18 18	5 14	2 27	
S 15	2 6	19 38	4 56	5 15	0 49	7 18	0 43	11 57	1 8	9 4	1 16	9 0	1 53	23 12	0 2	17 56	0 22	16 54	6 17	12 7	12 40	18 16	5 15	2 27	
S 16	1 43	15 12	4 30	6 2	1 2	7 47	0 41	11 40	1 8	9 7	1 16	9 2	1 53	23 12	0 2	17 56	0 22	16 54	6 17	12 5	12 39	18 13	5 17	2 27	
M17	1 19	10 11	3 53	6 47	1 16	8 17	0 38	11 24	1 8	9 10	1 16	9 4	1 53	23 12	0 2	17 56	0 22	16 54	6 17	12 3	12 38	18 11	5 18	2 27	
T 18	0 55	4 46	3 5	7 29	1 29	8 47	0 36	11 7	1 8	9 13	1 16	9 5	1 53	23 12	0 2	17 55	0 22	16 54	6 16	12 1	12 37	18 8	5 19	2 27	
W19	0 31	0n54	2 9	8 9	1 43	9 16	0 33	10 50	1 8	9 15	1 16	9 7	1 53	23 12	0 2	17 55	0 22	16 54	6 16	11 59	12 35	18 6	5 21	2 27	
T 20	0 8	6 35	1 5	8 46	1 56	9 45	0 31	10 33	1 9	9 18	1 16	9 9	1 53	23 12	0 2	17 54	0 22	16 54	6 16	11 58	12 34	18 3	5 22	2 27	
F 21	0n16	12 7	0n 2	9 20	2 9	10 14	0 28	10 16	1 9	9 21	1 16	9 10	1 53	23 13	0 2	17 54	0 22	16 55	6 16	11 58	12 33	18 1	5 23	2 27	
S 22	0 40	17 14	1 10	9 51	2 21	10 42	0 25	9 59	1 9	9 23	1 16	9 12	1 53	23 13	0 2	17 54	0 22	16 55	6 16	11 58	12 32	17 58	5 25	2 27	
S 23	1 4	21 41	2 16	10 18	2 33	11 11	0 23	9 41	1 9	9 26	1 16	9 14	1 53	23 13	0 2	17 53	0 22	16 55	6 16	11 59	12 31	17 55	5 26	2 27	
M24	1 27	25 9	3 17	10 41	2 44	11 39	0 20	9 24	1 9	9 28	1 16	9 15	1 53	23 13	0 2	17 53	0 22	16 55	6 15	11 59	12 30	17 53	5 27	2 27	
T 25	1 51	27 20	4 8	11 0	2 54	12 7	0 17	9 6	1 9	9 30	1 16	9 17	1 53	23 13	0 2	17 52	0 22	16 55	6 15	12 0	12 29	17 50	5 29	2 27	
W26	2 15	27 55	4 46	11 15	3 3	12 34	0 14	8 49	1 9	9 33	1 16	9 19	1 53	23 13	0 2	17 52	0 22	16 56	6 15	12 0	12 28	17 48	5 30	2 26	
T 27	2 38	26 45	5 9	11 25	3 10	13 2	0 11	8 31	1 9	9 35	1 16	9 20	1 53	23 13	0 2	17 52	0 22	16 56	6 15	12 0	12 27	17 45	5 31	2 26	
F 28	3 2	23 51	5 13	11 31	3 17	13 28	0 8	8 13	1 10	9 37	1 16	9 22	1 53	23 13	0 2	17 51	0 22	16 56	6 15	11 59	12 26	17 43	5 33	2 26	
S 29	3 25	19 22	4 58	11 33	3 22	13 55	0 6	7 56	1 10	9 39	1 16	9 23	1 53	23 13	0 2	17 51	0 22	16 56	6 14	11 58	12 25	17 40	5 34	2 26	
S 30	3 49	13 39	4 22	11 30	3 25	14 21	0 3	7 38	1 10	9 42	1 16	9 24	1 53	23 13	0 2	17 51	0 22	16 56	6 14	11 57	12 24	17 37	5 35	2 26	
M31	4n12	7n 7	3n28	11n23	3n26	14n47	0n 0	7s20	1s10	9n44	1n16	9n26	1n53	23s13	0s 2	17s50	0n22	16n57	6s14	11n56	12n22	17s35	5n37	2n26	

# ASTRODIENST EPHEMERIS for the year 2656

APRIL 2656

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 39 14	11°38'23	4♌54	20°R34	11♌17	14♌50	7°R52	10°R14	23°R 1	8♌ 3	7♌ 6	1°R24	2♌40	25♌14	8♌36	T 1
W 2	12 43 11	12°37'56	19°34	19°Y58	12°30	15°37	7♌46	10°R10	23°R 1	8° 4	7° 7	1♌23	2°37	25°21	8°39	W 2
T 3	12 47 7	13°37'27	3♌56	19°17	13°43	16°24	7°41	10° 6	23° 1	8° 5	7° 7	1°D23	2°34	25°28	8°43	T 3
F 4	12 51 4	14°36'56	17°55	18°32	14°56	17°11	7°36	10° 3	23° 0	8° 6	7° 7	1°23	2°31	25°35	8°46	F 4
S 5	12 55 0	15°36'23	1♌29	17°44	16° 9	17°58	7°31	9°59	23° 0	8° 8	7° 7	1°24	2°27	25°41	8°50	S 5
S 6	12 58 57	16°35'49	14°39	16°53	17°21	18°45	7°26	9°56	22°59	8° 9	7° 8	1°26	2°24	25°48	8°54	S 6
M 7	13 2 53	17°35'12	27°25	16° 1	18°34	19°32	7°22	9°53	22°59	8°10	7° 8	1°27	2°21	25°55	8°57	M 7
T 8	13 6 50	18°34'34	9♌51	15° 9	19°47	20°19	7°17	9°49	22°58	8°11	7° 9	1°28	2°18	26° 1	9° 1	T 8
W 9	13 10 47	19°33'55	22° 2	14°19	20°59	21° 5	7°13	9°46	22°58	8°12	7° 9	1°R28	2°15	26° 8	9° 4	W 9
T 10	13 14 43	20°33'13	4♌ 1	13°30	22°12	21°52	7° 9	9°43	22°57	8°13	7° 9	1°27	2°12	26°15	9° 8	T 10
F 11	13 18 40	21°32'30	15°54	12°44	23°25	22°39	7° 5	9°40	22°56	8°14	7°10	1°27	2° 8	26°22	9°11	F 11
S 12	13 22 36	22°31'45	27°45	12° 1	24°37	23°26	7° 1	9°37	22°56	8°15	7°10	1°25	2° 5	26°28	9°15	S 12
S 13	13 26 33	23°30'58	9♌38	11°23	25°49	24°13	6°57	9°34	22°55	8°16	7°11	1°24	2° 2	26°35	9°18	S 13
M14	13 30 29	24°30'09	21°36	10°49	27° 2	25° 0	6°54	9°32	22°54	8°16	7°11	1°23	1°59	26°42	9°22	M14
T 15	13 34 26	25°29'18	3♌43	10°21	28°14	25°47	6°51	9°29	22°53	8°17	7°12	1°22	1°56	26°48	9°25	T 15
W16	13 38 22	26°28'26	15°59	9°57	29°26	26°34	6°47	9°26	22°52	8°18	7°13	1°22	1°52	26°55	9°29	W16
T 17	13 42 19	27°27'31	28°28	9°39	0♌38	27°21	6°45	9°24	22°51	8°19	7°13	1°D22	1°49	27° 2	9°32	T 17
F 18	13 46 15	28°26'35	11♌10	9°27	1°50	28° 8	6°42	9°22	22°50	8°20	7°14	1°22	1°46	27° 9	9°36	F 18
S 19	13 50 12	29°25'36	24° 5	9°20	3° 2	28°54	6°39	9°19	22°49	8°20	7°14	1°22	1°43	27°15	9°39	S 19
S 20	13 54 9	0♌24'36	7♌14	9°D18	4°14	29°41	6°37	9°17	22°48	8°21	7°15	1°22	1°40	27°22	9°43	S 20
M21	13 58 5	1°23'33	20°36	9°22	5°26	0♌28	6°35	9°15	22°46	8°22	7°16	1°R22	1°37	27°29	9°46	M21
T 22	14 2 2	2°22'29	4♌12	9°31	6°38	1°15	6°33	9°13	22°45	8°22	7°16	1°22	1°33	27°35	9°49	T 22
W23	14 5 58	3°21'21	18° 0	9°45	7°49	2° 2	6°31	9°11	22°44	8°23	7°17	1°22	1°30	27°42	9°53	W23
T 24	14 9 55	4°20'12	2♌ 0	10° 4	9° 1	2°48	6°29	9°10	22°43	8°23	7°18	1°D22	1°27	27°49	9°56	T 24
F 25	14 13 51	5°19'01	16°12	10°27	10°12	3°35	6°28	9° 8	22°41	8°24	7°19	1°22	1°24	27°56	9°59	F 25
S 26	14 17 48	6°17'47	0♌31	10°55	11°24	4°22	6°26	9° 6	22°40	8°24	7°19	1°22	1°21	28° 2	10° 3	S 26
S 27	14 21 45	7°16'30	14°56	11°27	12°35	5° 9	6°25	9° 5	22°38	8°25	7°20	1°23	1°18	28° 9	10° 6	S 27
M28	14 25 41	8°15'12	29°23	12° 4	13°47	5°55	6°25	9° 4	22°37	8°25	7°21	1°23	1°14	28°16	10° 9	M28
T 29	14 29 38	9°13'51	13♌46	12°44	14°58	6°42	6°24	9° 2	22°35	8°26	7°22	1°24	1°11	28°22	10°13	T 29
W30	14 33 34	10♌12'29	28♌ 2	13°Y28	16°II 9	7°Y29	6♌23	9♌ 1	22♌34	8♌26	7♌23	1°R24	1♌ 8	28♌29	10°Y16	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	4n35	0n13	2n21	11n11	3n26	15n13	0n 3	7s 2	1s10	9n46	1n16	9n27	1n53	23s13	0s 2	17s50
W 2	4 58	6s38	1 5	10 56	3 24	15 38	0 6	6 44	1 10	9 48	1 15	9 29	1 53	23 13	0 2	17 50
T 3	5 21	13 1	0s14	10 37	3 20	16 3	0 9	6 26	1 10	9 49	1 15	9 30	1 53	23 13	0 2	17 49
F 4	5 44	18 33	1 30	10 14	3 15	16 27	0 12	6 7	1 10	9 51	1 15	9 31	1 53	23 13	0 2	17 49
S 5	6 7	22 59	2 39	9 49	3 7	16 51	0 15	5 49	1 10	9 53	1 15	9 33	1 53	23 13	0 2	17 49
S 6	6 30	26 4	3 37	9 21	2 58	17 15	0 18	5 31	1 10	9 55	1 15	9 34	1 53	23 13	0 2	17 49
M 7	6 53	27 42	4 22	8 51	2 47	17 38	0 22	5 12	1 10	9 56	1 15	9 35	1 53	23 13	0 2	17 48
T 8	7 15	27 53	4 54	8 20	2 35	18 1	0 25	4 54	1 10	9 58	1 15	9 36	1 53	23 13	0 2	17 48
W 9	7 38	26 42	5 12	7 48	2 22	18 23	0 28	4 36	1 10	9 59	1 15	9 37	1 53	23 13	0 2	17 48
T 10	8 0	24 18	5 16	7 16	2 8	18 45	0 31	4 17	1 10	10 1	1 15	9 38	1 53	23 13	0 2	17 47
F 11	8 22	20 53	5 6	6 45	1 53	19 6	0 34	3 59	1 10	10 2	1 15	9 39	1 53	23 13	0 2	17 47
S 12	8 44	16 39	4 44	6 14	1 37	19 27	0 37	3 40	1 10	10 4	1 14	9 40	1 53	23 13	0 2	17 47
S 13	9 6	11 46	4 9	5 44	1 21	19 48	0 40	3 22	1 10	10 5	1 14	9 41	1 53	23 12	0 2	17 47
M14	9 28	6 26	3 23	5 16	1 5	20 8	0 43	3 3	1 10	10 6	1 14	9 42	1 52	23 12	0 2	17 47
T 15	9 49	0 47	2 27	4 50	0 49	20 27	0 46	2 44	1 10	10 7	1 14	9 43	1 52	23 12	0 2	17 46
W16	10 11	4n58	1 24	4 26	0 32	20 46	0 49	2 26	1 10	10 8	1 14	9 44	1 52	23 12	0 2	17 46
T 17	10 32	10 39	0 16	4 4	0 17	21 4	0 52	2 7	1 10	10 9	1 14	9 45	1 52	23 12	0 2	17 46
F 18	10 53	15 59	0n54	3 45	0 1	21 22	0 55	1 48	1 10	10 10	1 14	9 46	1 52	23 12	0 3	17 46
S 19	11 14	20 43	2 3	3 28	0s14	21 39	0 58	1 30	1 10	10 11	1 14	9 47	1 52	23 12	0 3	17 46
S 20	11 35	24 30	3 6	3 14	0 29	21 55	1 1	1 11	1 9	10 12	1 13	9 47	1 52	23 12	0 3	17 45
M21	11 55	27 1	4 0	3 3	0 43	22 11	1 4	0 53	1 9	10 12	1 13	9 48	1 52	23 12	0 3	17 45
T 22	12 15	27 59	4 42	2 54	0 56	22 27	1 7	0 34	1 9	10 13	1 13	9 49	1 52	23 12	0 3	17 45
W23	12 35	27 15	5 8	2 48	1 9	22 42	1 10	0 15	1 9	10 13	1 13	9 49	1 52	23 12	0 3	17 45
T 24	12 55	24 47	5 17	2 44	1 21	22 56	1 13	0n 3	1 9	10 14	1 13	9 50	1 51	23 12	0 3	17 45
F 25	13 15	20 48	5 6	2 43	1 32	23 9	1 16	0 22	1 9	10 14	1 13	9 50	1 51	23 12	0 3	17 45
S 26	13 34	15 34	4 37	2 44	1 43	23 22	1 19	0 41	1 9	10 15	1 13	9 51	1 51	23 12	0 3	17 44
S 27	13 54	9 27	3 50	2 47	1 53	23 35	1 22	0 59	1 9	10 15	1 12	9 51	1 51	23 12	0 3	17 44
M28	14 13	2 49	2 48	2 53	2 2	23 46	1 25	1 18	1 8	10 15	1 12	9 52	1 51	23 12	0 3	17 44
T 29	14 31	3s56	1 36	3 0	2 11	23 58	1 27	1 36	1 8	10 15	1 12	9 52	1 51	23 12	0 3	17 44
W30	14n50	10s27	0n19	3n10	2s18	24n 8	1n30	1n55	1s 8	10n15	1n12	9n52	1n51	23s12	0s 3	17s44

Julian Day Number = 2691234.5, Delta T = 24m02s  
 Ecliptic obliquity = 23°21'23, Nutation = - 0°00'10  
 Ayanamsha: Fagan/Bradley = 33°55'13, Lahiri = 33°02'13

# ASTRODIENST EPHEMERIS for the year 2656

MAY 2656

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 37 31	11°11'04"	12°11'04"	14°15'15"	17°11'20"	8°15'15"	6°R23	9°R 0	22°R32	8°26'26"	7°26'23"	1°R24	1°R 5	28°36'36"	10°19'19"	T 1
F 2	14 41 27	12° 9'38"	25°53'	15° 6'	18°31'	9° 2'	6°D23	8°11'59"	22°30'30"	8°27'	7°24'	1°R23	1° 2	28°42'	10°22'	F 2
S 3	14 45 24	13° 8'10"	9°21'	15°59'	19°41'	9°48'	6°11'23"	8°58'	22°29'	8°27'	7°25'	1°22'	0°58'	28°49'	10°25'	S 3
S 4	14 49 20	14° 6'40"	22°29'	16°56'	20°52'	10°35'	6°23'	8°58'	22°27'	8°27'	7°26'	1°20'	0°55'	28°56'	10°28'	S 4
M 5	14 53 17	15° 5'08"	5°31'16"	17°56'	22° 3'	11°21'	6°24'	8°57'	22°25'	8°27'	7°27'	1°19'	0°52'	29° 3'	10°32'	M 5
T 6	14 57 14	16° 3'35"	17°45'	18°59'	23°13'	12° 8'	6°24'	8°57'	22°23'	8°27'	7°28'	1°17'	0°49'	29° 9'	10°35'	T 6
W 7	15 1 10	17° 2'00"	29°58'	20° 5'	24°24'	12°54'	6°25'	8°56'	22°22'	8°28'	7°29'	1°15'	0°46'	29°16'	10°38'	W 7
T 8	15 5 7	18° 0'24"	12°22'00"	21°13'	25°34'	13°41'	6°26'	8°56'	22°20'	8°28'	7°30'	1°15'	0°43'	29°23'	10°41'	T 8
F 9	15 9 3	18°58'46"	23°54'	22°23'	26°44'	14°27'	6°27'	8°56'	22°18'	8°28'	7°31'	1°D15	0°39'	29°29'	10°44'	F 9
S 10	15 13 0	19°57'06"	5°11'46"	23°36'	27°55'	15°14'	6°28'	8°D56	22°16'	8°R28	7°32'	1°15'	0°36'	29°36'	10°47'	S 10
S 11	15 16 56	20°55'25"	17°40'	24°52'	29° 5'	16° 0'	6°30'	8°56'	22°14'	8°28'	7°33'	1°17'	0°33'	29°43'	10°50'	S 11
M12	15 20 53	21°53'43"	29°41'	26° 9'	0°25'15"	16°46'	6°32'	8°56'	22°12'	8°28'	7°34'	1°18'	0°30'	29°50'	10°53'	M12
T 13	15 24 49	22°51'59"	11°15'52"	27°29'	1°24'	17°33'	6°33'	8°56'	22°10'	8°28'	7°35'	1°20'	0°27'	29°56'	10°55'	T 13
W14	15 28 46	23°50'13"	24°18'58"	28°51'	2°34'	18°19'	6°35'	8°56'	22° 8'	8°27'	7°36'	1°21'	0°24'	0°11'30"	11° 1'	W14
T 15	15 32 43	24°48'26"	7° 0'	0°18'16"	3°44'	19° 5'	6°38'	8°57'	22° 6'	8°27'	7°37'	1°R21	0°20'	0°10'	11° 1'	T 15
F 16	15 36 39	25°46'37"	20° 0'	1°42'	4°53'	19°51'	6°40'	8°57'	22° 4'	8°27'	7°38'	1°20'	0°17'	0°16'	11° 4'	F 16
S 17	15 40 36	26°44'47"	3°11'18"	3°11'	6° 3'	20°37'	6°43'	8°58'	22° 1'	8°27'	7°40'	1°17'	0°14'	0°23'	11° 7'	S 17
S 18	15 44 32	27°42'55"	16°52'	4°41'	7°12'	21°24'	6°45'	8°59'	21°59'	8°27'	7°41'	1°14'	0°11'	0°30'	11° 9'	S 18
M19	15 48 29	28°41'01"	0°25'41"	6°14'	8°21'	22°10'	6°48'	9° 0'	21°57'	8°26'	7°42'	1°10'	0° 8'	0°36'	11°12'	M19
T 20	15 52 25	29°39'06"	14°41'	7°48'	9°30'	22°56'	6°51'	9° 1'	21°55'	8°26'	7°43'	1° 6'	0° 4'	0°43'	11°15'	T 20
W21	15 56 22	0°11'37'09"	28°48'	9°25'	10°39'	23°42'	6°55'	9° 2'	21°53'	8°26'	7°44'	1° 2'	0° 1'	0°50'	11°17'	W21
T 22	16 0 18	1°35'10"	13°13'00"	11° 4'	11°48'	24°28'	6°58'	9° 3'	21°50'	8°25'	7°45'	1° 0'	29°15'58"	0°57'	11°20'	T 22
F 23	16 4 15	2°33'09"	27°13'	12°44'	12°57'	25°14'	7° 2'	9° 4'	21°48'	8°25'	7°47'	0°D58	29°55'	1° 3'	11°22'	F 23
S 24	16 8 12	3°31'06"	11°11'25"	14°27'	14° 5'	25°59'	7° 6'	9° 6'	21°46'	8°25'	7°48'	0°59'	29°52'	1°10'	11°25'	S 24
S 25	16 12 8	4°29'01"	25°33'	16°12'	15°14'	26°45'	7°10'	9° 7'	21°43'	8°24'	7°49'	1° 0'	29°49'	1°17'	11°27'	S 25
M26	16 16 5	5°26'55"	9°25'37"	17°59'	16°22'	27°31'	7°14'	9° 9'	21°41'	8°24'	7°50'	1° 1'	29°45'	1°23'	11°30'	M26
T 27	16 20 1	6°24'46"	23°34'	19°47'	17°30'	28°17'	7°18'	9°11'	21°39'	8°23'	7°51'	1° 2'	29°42'	1°30'	11°32'	T 27
W28	16 23 58	7°22'37"	7°11'22"	21°38'	18°38'	29° 3'	7°22'	9°12'	21°36'	8°23'	7°53'	1°R 2	29°39'	1°37'	11°34'	W28
T 29	16 27 54	8°20'25"	21° 0'	23°31'	19°46'	29°48'	7°27'	9°14'	21°34'	8°22'	7°54'	1° 1'	29°36'	1°43'	11°37'	T 29
F 30	16 31 51	9°18'12"	4°11'26"	25°26'	20°54'	0°18'34"	7°32'	9°16'	21°32'	8°21'	7°55'	0°57'	29°33'	1°50'	11°39'	F 30
S 31	16 35 47	10°11'58"	17°11'38"	27°18'23"	22°25' 1"	1°18'20"	7°11'37"	9°11'18"	21°11'29"	8°21'21"	7°55'27"	0°52'29"	29°11'30"	1°11'57"	11°11'41"	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	15n 8	16s21	0s59	3n22	2s25	24n18	1n33	2n13	1s 8	10n15	1n12	9n53	1n51	23s11	0s 3	T 1
F 2	15 26	21 17	2 11	3 35	2 32	24 27	1 35	2 32	1 8	10 15	1 12	9 53	1 51	23 11	0 3	F 2
S 3	15 44	24 59	3 15	3 51	2 37	24 35	1 38	2 50	1 8	10 15	1 12	9 53	1 50	23 11	0 3	S 3
S 4	16 1	27 14	4 6	4 8	2 42	24 43	1 41	3 8	1 7	10 15	1 11	9 53	1 50	23 11	0 3	S 4
M 5	16 18	27 59	4 44	4 27	2 47	24 50	1 43	3 27	1 7	10 14	1 11	9 53	1 50	23 11	0 3	M 5
T 6	16 35	27 15	5 7	4 47	2 50	24 56	1 46	3 45	1 7	10 14	1 11	9 53	1 50	23 11	0 3	T 6
W 7	16 52	25 13	5 16	5 9	2 53	25 2	1 48	4 3	1 7	10 14	1 11	9 53	1 50	23 11	0 3	W 7
T 8	17 8	22 6	5 10	5 32	2 56	25 7	1 50	4 21	1 6	10 13	1 11	9 53	1 50	23 11	0 3	T 8
F 9	17 24	18 5	4 51	5 56	2 57	25 12	1 53	4 40	1 6	10 13	1 11	9 53	1 50	23 11	0 3	F 9
S 10	17 40	13 24	4 20	6 22	2 58	25 15	1 55	4 58	1 6	10 12	1 11	9 53	1 50	23 11	0 3	S 10
S 11	17 55	8 12	3 38	6 49	2 59	25 18	1 57	5 16	1 6	10 11	1 10	9 53	1 50	23 11	0 3	S 11
M12	18 11	2 40	2 46	7 17	2 59	25 20	1 59	5 34	1 5	10 10	1 10	9 53	1 49	23 10	0 3	M12
T 13	18 25	3n 4	1 45	7 46	2 58	25 22	2 1	5 52	1 5	10 10	1 10	9 53	1 49	23 10	0 3	T 13
W14	18 40	8 47	0 39	8 17	2 57	25 23	2 3	6 9	1 5	10 9	1 10	9 53	1 49	23 10	0 3	W14
T 15	18 54	14 17	0n31	8 48	2 55	25 23	2 5	6 27	1 5	10 8	1 10	9 52	1 49	23 10	0 3	T 15
F 16	19 8	19 18	1 41	9 20	2 52	25 23	2 7	6 45	1 4	10 7	1 10	9 52	1 49	23 10	0 3	F 16
S 17	19 22	23 28	2 46	9 52	2 49	25 22	2 9	7 2	1 4	10 6	1 9	9 52	1 49	23 10	0 3	S 17
S 18	19 35	26 26	3 44	10 26	2 46	25 20	2 10	7 20	1 4	10 4	1 9	9 51	1 49	23 10	0 3	S 18
M19	19 48	27 51	4 30	11 0	2 42	25 17	2 12	7 37	1 3	10 3	1 9	9 51	1 49	23 10	0 3	M19
T 20	20 0	27 31	5 0	11 35	2 37	25 14	2 13	7 55	1 3	10 2	1 9	9 50	1 48	23 9	0 3	T 20
W21	20 13	25 25	5 12	12 11	2 32	25 10	2 15	8 12	1 3	10 1	1 9	9 50	1 48	23 9	0 3	W21
T 22	20 24	21 44	5 6	12 47	2 26	25 6	2 16	8 29	1 2	9 59	1 9	9 49	1 48	23 9	0 3	T 22
F 23	20 36	16 47	4 41	13 23	2 20	25 1	2 17	8 46	1 2	9 58	1 9	9 49	1 48	23 9	0 3	F 23
S 24	20 47	10 56	3 58	14 0	2 13	24 55	2 19	9 3	1 2	9 56	1 8	9 48	1 48	23 9	0 3	S 24
S 25	20 58	4 32	3 2	14 37	2 6	24 48	2 20	9 20	1 1	9 55	1 8	9 47	1 48	23 9	0 3	S 25
M26	21 8	2s 3	1 54	15 14	1 58	24 41	2 21	9 36	1 1	9 53	1 8	9 47	1 48	23 9	0 3	M26
T 27	21 18	8 29	0 41	15 51	1 50	24 33	2 22	9 53	1 0	9 51	1 8	9 46	1 47	23 9	0 3	T 27
W28	21 28	14 28	0s34	16 28	1 42	24 25	2 22	10 10	1 0	9 49	1 8	9 45	1 47	23 8	0 3	W28
T 29	21 37	19 39	1 46	17 5	1 33	24 16	2 23	10 26	1 0	9 47	1 8	9 44	1 47	23 8	0 3	T 29
F 30	21 46	23 46	2 51	17 42	1 24	24 6	2 24	10 42	0 59	9 46	1 7	9 43	1 47	23 8	0 3	F 30
S 31	21n55	26s32	3s46	18n18	1s14	23n56	2n24	10n58	0s59	9n44	1n 7	9n42	1n47	23s 8	0s 3	S 31

Julian Day Number = 2691264.5, Delta T = 24m02s  
 Ecliptic obliquity = 23°21'23", Nutation = - 0°00'10"  
 Ayanamsha: Fagan/Bradley = 33°55'17", Lahiri = 33°02'17"

# ASTRODIENST EPHEMERIS for the year 2656

JUNE 2656

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 39 44	11°13'43	0°35	29°21	23°59	2°5	7°42	9°21	21°27	8°20	7°58	0°46	29°26	2°4	11°43	S 1
M 2	16 43 41	12°11'26	13°15	1°12	24°16	2°51	7°47	9°23	21°24	8°19	7°59	0°39	29°23	2°10	11°45	M 2
T 3	16 47 37	13° 9'09	25°41	3°25	25°23	3°36	7°52	9°25	21°22	8°19	8° 0	0°31	29°20	2°17	11°48	T 3
W 4	16 51 34	14° 6'50	7°33	5°29	26°30	4°21	7°58	9°28	21°19	8°18	8° 2	0°25	29°17	2°24	11°50	W 4
T 5	16 55 30	15° 4'30	19°54	7°35	27°36	5° 7	8° 3	9°30	21°17	8°17	8° 3	0°20	29°14	2°30	11°52	T 5
F 6	16 59 27	16° 2'09	1°48	9°42	28°43	5°52	8° 9	9°33	21°14	8°16	8° 4	0°17	29°10	2°37	11°54	F 6
S 7	17 3 23	16°59'47	13°40	11°51	29°49	6°37	8°15	9°36	21°12	8°15	8° 6	0°D16	29° 7	2°44	11°56	S 7
S 8	17 7 20	17°57'24	25°33	14° 1	0°55	7°23	8°21	9°39	21°10	8°15	8° 7	0°16	29° 4	2°50	11°57	S 8
M 9	17 11 16	18°55'00	7°34	16°11	2° 1	8° 8	8°27	9°42	21° 7	8°14	8° 9	0°17	29° 1	2°57	11°59	M 9
T 10	17 15 13	19°52'35	19°47	18°23	3° 7	8°53	8°34	9°45	21° 5	8°13	8°10	0°19	28°58	3° 4	12° 1	T 10
W 11	17 19 10	20°50'10	2°17	20°35	4°13	9°38	8°40	9°48	21° 2	8°12	8°11	0°R19	28°55	3°11	12° 3	W 11
T 12	17 23 6	21°47'43	15° 7	22°47	5°18	10°23	8°47	9°51	21° 0	8°11	8°13	0°18	28°51	3°17	12° 4	T 12
F 13	17 27 3	22°45'16	28°20	24°59	6°23	11° 8	8°54	9°55	20°57	8°10	8°14	0°15	28°48	3°24	12° 6	F 13
S 14	17 30 59	23°42'48	11°56	27°11	7°28	11°53	9° 1	9°58	20°55	8° 9	8°15	0° 9	28°45	3°31	12° 8	S 14
S 15	17 34 56	24°40'19	25°54	29°22	8°33	12°38	9° 8	10° 2	20°52	8° 8	8°17	0° 2	28°42	3°37	12° 9	S 15
M 16	17 38 52	25°37'50	10°10	1°33	9°38	13°23	9°15	10° 5	20°50	8° 7	8°18	29°54	28°39	3°44	12°11	M 16
T 17	17 42 49	26°35'19	24°37	3°42	10°42	14° 8	9°22	10° 9	20°47	8° 6	8°20	29°45	28°36	3°51	12°12	T 17
W 18	17 46 46	27°32'47	9°11	5°49	11°46	14°52	9°30	10°13	20°45	8° 5	8°21	29°37	28°32	3°57	12°14	W 18
T 19	17 50 42	28°30'14	23°43	7°56	12°50	15°37	9°37	10°17	20°42	8° 3	8°23	29°31	28°29	4° 4	12°15	T 19
F 20	17 54 39	29°27'40	8°8	10° 0	13°54	16°22	9°45	10°21	20°40	8° 2	8°24	29°27	28°26	4°11	12°16	F 20
S 21	17 58 35	0°25'05	22°24	12° 3	14°57	17° 6	9°53	10°25	20°37	8° 1	8°25	29°25	28°23	4°18	12°18	S 21
S 22	18 2 32	1°22'28	6°17	14° 3	16° 0	17°50	10° 1	10°29	20°35	8° 0	8°27	29°D25	28°20	4°24	12°19	S 22
M 23	18 6 28	2°19'51	20°18	16° 2	17° 3	18°35	10° 9	10°33	20°32	7°59	8°28	29°25	28°16	4°31	12°20	M 23
T 24	18 10 25	3°17'13	3°16	17°58	18° 5	19°19	10°17	10°38	20°30	7°57	8°30	29°R25	28°13	4°38	12°21	T 24
W 25	18 14 21	4°14'33	17°22	19°52	19° 8	20° 4	10°25	10°42	20°28	7°56	8°31	29°24	28°10	4°44	12°22	W 25
T 26	18 18 18	5°11'53	0°16	21°44	20° 9	20°48	10°34	10°46	20°25	7°55	8°33	29°20	28° 7	4°51	12°23	T 26
F 27	18 22 15	6° 9'12	13°40	23°34	21°11	21°32	10°42	10°51	20°23	7°54	8°34	29°14	28° 4	4°58	12°24	F 27
S 28	18 26 11	7° 6'31	26°32	25°21	22°12	22°16	10°51	10°56	20°21	7°52	8°35	29° 5	28° 1	5° 4	12°25	S 28
S 29	18 30 8	8° 3'49	9°12	27° 5	23°13	23° 0	11° 0	11° 0	20°18	7°51	8°37	28°54	27°57	5°11	12°26	S 29
M 30	18 34 4	9° 1'06	21°34	28°48	24°14	23°44	11°8	11°5	20°16	7°50	8°38	28°42	27°54	5°18	12°27	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	22n 3	27s49	4s27	18n53	1s 5	23n45	2n25	11n15	0s58	9n42	1n 7	9n41	1n47	23s 8	0s 3	17s46
M 2	22 11	27 35	4 55	19 28	0 55	23 34	2 25	11 30	0 58	9 40	1 7	9 40	1 47	23 8	0 3	17 46
T 3	22 18	25 58	5 8	20 2	0 44	23 22	2 25	11 46	0 58	9 37	1 7	9 39	1 47	23 8	0 3	17 46
W 4	22 25	23 10	5 6	20 35	0 34	23 9	2 25	12 2	0 57	9 35	1 7	9 38	1 46	23 7	0 3	17 46
T 5	22 31	19 24	4 51	21 7	0 23	22 56	2 25	12 18	0 57	9 33	1 7	9 37	1 46	23 7	0 3	17 46
F 6	22 38	14 54	4 24	21 37	0 12	22 43	2 25	12 33	0 56	9 31	1 6	9 36	1 46	23 7	0 3	17 46
S 7	22 43	9 52	3 45	22 6	0 2	22 29	2 25	12 48	0 56	9 28	1 6	9 35	1 46	23 7	0 3	17 47
S 8	22 49	4 28	2 56	22 33	0n 9	22 14	2 24	13 3	0 55	9 26	1 6	9 34	1 46	23 7	0 3	17 47
M 9	22 54	1n10	2 0	22 58	0 19	21 59	2 24	13 18	0 55	9 23	1 6	9 32	1 46	23 7	0 3	17 47
T 10	22 58	6 50	0 56	23 20	0 30	21 43	2 23	13 33	0 54	9 21	1 6	9 31	1 46	23 7	0 3	17 47
W 11	23 2	12 23	0n11	23 41	0 39	21 27	2 23	13 48	0 54	9 18	1 6	9 30	1 46	23 6	0 3	17 48
T 12	23 6	17 34	1 19	23 59	0 49	21 10	2 22	14 3	0 53	9 16	1 6	9 29	1 46	23 6	0 3	17 48
F 13	23 10	22 4	2 25	24 14	0 58	20 53	2 21	14 17	0 53	9 13	1 5	9 27	1 45	23 6	0 3	17 48
S 14	23 12	25 31	3 24	24 27	1 7	20 35	2 20	14 31	0 52	9 10	1 5	9 26	1 45	23 6	0 3	17 48
S 15	23 15	27 30	4 13	24 36	1 15	20 17	2 18	14 45	0 52	9 8	1 5	9 24	1 45	23 6	0 3	17 49
M 16	23 17	27 44	4 47	24 44	1 23	19 59	2 17	14 59	0 51	9 5	1 5	9 23	1 45	23 6	0 3	17 49
T 17	23 19	26 6	5 4	24 48	1 30	19 40	2 16	15 13	0 51	9 2	1 5	9 21	1 45	23 5	0 3	17 49
W 18	23 20	22 44	5 1	24 50	1 36	19 21	2 14	15 27	0 50	8 59	1 5	9 20	1 45	23 5	0 3	17 50
T 19	23 21	17 57	4 38	24 48	1 41	19 1	2 12	15 40	0 49	8 56	1 5	9 18	1 45	23 5	0 3	17 50
F 20	23 21	12 11	3 58	24 45	1 46	18 41	2 10	15 54	0 49	8 53	1 5	9 17	1 45	23 5	0 3	17 50
S 21	23 21	5 50	3 4	24 39	1 50	18 20	2 8	16 7	0 48	8 50	1 4	9 15	1 45	23 5	0 3	17 50
S 22	23 21	0s43	1 59	24 30	1 54	17 59	2 6	16 20	0 48	8 47	1 4	9 13	1 44	23 5	0 3	17 51
M 23	23 20	7 9	0 49	24 19	1 56	17 38	2 4	16 32	0 47	8 44	1 4	9 12	1 44	23 4	0 3	17 51
T 24	23 19	13 10	0s24	24 6	1 58	17 17	2 1	16 45	0 47	8 41	1 4	9 10	1 44	23 4	0 3	17 51
W 25	23 17	18 28	1 34	23 51	1 59	16 55	1 59	16 57	0 46	8 37	1 4	9 8	1 44	23 4	0 3	17 52
T 26	23 15	22 47	2 38	23 34	1 59	16 33	1 56	17 10	0 45	8 34	1 4	9 6	1 44	23 4	0 3	17 52
F 27	23 13	25 52	3 32	23 15	1 59	16 10	1 53	17 22	0 45	8 31	1 4	9 5	1 44	23 4	0 3	17 52
S 28	23 10	27 33	4 15	22 55	1 57	15 48	1 50	17 34	0 44	8 27	1 4	9 3	1 44	23 4	0 3	17 53
S 29	23 7	27 46	4 44	22 33	1 56	15 25	1 47	17 45	0 43	8 24	1 4	9 1	1 44	23 3	0 3	17 53
M 30	23n 3	26s32	4s59	22n10	1n53	15n 1	1n43	17n57	0s43	8n20	1n 3	8n59	1n44	23s 3	0s 3	17s53

Julian Day Number = 2691295.5, Delta T = 24m02s  
 Ecliptic obliquity = 23°21'22", Nutation = - 0°00'09"  
 Ayanamsha: Fagan/Bradley = 33°55'21", Lahiri = 33°02'21"

## ASTRODIENST EPHEMERIS for the year 2656

JULY 2656

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 38 1	9°58'23	3°57	0°28	25°14	24°28	11°17	11°10	20°R14	7°R48	8°540	28°R30	27°Y51	5°H25	12°Y27	T 1
W 2	18 41 57	10°55'39	16° 4	2° 5	26°14	25°12	11°26	11°15	20°R11	7°R47	8°41	28°Y19	27°48	5°31	12°28	W 2
T 3	18 45 54	11°52'56	28° 2	3°40	27°14	25°56	11°35	11°20	20° 9	7°45	8°43	28°10	27°45	5°38	12°29	T 3
F 4	18 49 50	12°50'11	9°H54	5°13	28°13	26°39	11°45	11°25	20° 7	7°44	8°44	28° 3	27°42	5°45	12°29	F 4
S 5	18 53 47	13°47'27	21°43	6°43	29°12	27°23	11°54	11°30	20° 5	7°43	8°45	27°59	27°38	5°51	12°30	S 5
S 6	18 57 44	14°44'43	3°Y35	8°11	0°10	28° 7	12° 4	11°35	20° 2	7°41	8°47	27°57	27°35	5°58	12°30	S 6
M 7	19 1 140	15°41'58	15°35	9°36	1° 8	28°50	12°13	11°41	20° 0	7°40	8°48	27°D56	27°32	6° 5	12°31	M 7
T 8	19 5 37	16°39'14	27°46	10°59	2° 6	29°34	12°23	11°46	19°58	7°38	8°50	27°R57	27°29	6°11	12°31	T 8
W 9	19 9 33	17°36'29	10°B16	12°19	3° 3	0°II17	12°32	11°51	19°56	7°37	8°51	27°56	27°26	6°18	12°32	W 9
T 10	19 13 30	18°33'45	23° 8	13°37	4° 0	1° 1	12°42	11°57	19°54	7°35	8°53	27°54	27°22	6°25	12°32	T 10
F 11	19 17 26	19°31'01	6°II26	14°51	4°56	1°44	12°52	12° 2	19°52	7°34	8°54	27°50	27°19	6°31	12°32	F 11
S 12	19 21 23	20°28'16	20°11	16° 4	5°51	2°27	13° 2	12° 8	19°50	7°32	8°55	27°43	27°16	6°38	12°32	S 12
S 13	19 25 19	21°25'32	4°524	17°13	6°47	3°10	13°12	12°14	19°48	7°31	8°57	27°34	27°13	6°45	12°33	S 13
M14	19 29 16	22°22'48	18°58	18°20	7°41	3°53	13°23	12°19	19°46	7°29	8°58	27°23	27°10	6°52	12°33	M14
T 15	19 33 13	23°20'04	3°L49	19°23	8°36	4°36	13°33	12°25	19°44	7°27	9° 0	27°12	27° 7	6°58	12°R33	T 15
W16	19 37 9	24°17'20	18°46	20°24	9°29	5°19	13°43	12°31	19°42	7°26	9° 1	27° 2	27° 3	7° 5	12°33	W16
T 17	19 41 6	25°14'35	3°II41	21°21	10°22	6° 2	13°54	12°37	19°40	7°24	9° 3	26°53	27° 0	7°12	12°33	T 17
F 18	19 45 2	26°11'51	18°25	22°16	11°15	6°45	14° 4	12°43	19°38	7°23	9° 4	26°48	26° 57	7°18	12°32	F 18
S 19	19 48 59	27° 9'06	2°A53	23° 7	12° 7	7°28	14°15	12°49	19°37	7°21	9° 5	26°45	26°54	7°25	12°32	S 19
S 20	19 52 55	28° 6'20	17° 2	23°54	12°58	8°10	14°25	12°55	19°35	7°20	9° 7	26°43	26°51	7°32	12°32	S 20
M21	19 56 52	29° 3'35	0°II51	24°38	13°49	8°53	14°36	13° 1	19°33	7°18	9° 8	26°43	26°48	7°38	12°32	M21
T 22	20 0 48	0°L 0'50	14°21	25°18	14°39	9°35	14°47	13° 7	19°31	7°16	9° 9	26°43	26°44	7°45	12°31	T 22
W23	20 4 45	0°58'04	27°35	25°55	15°28	10°18	14°58	13°14	19°30	7°15	9°11	26°41	26°41	7°52	12°31	W23
T 24	20 8 42	1°55'19	10°A33	26°27	16°16	11° 0	15° 9	13°20	19°28	7°13	9°12	26°37	26°38	7°58	12°30	T 24
F 25	20 12 38	2°52'34	23°18	26°55	17° 4	11°42	15°20	13°26	19°27	7°11	9°13	26°30	26°35	8° 5	12°30	F 25
S 26	20 16 35	3°49'48	5°B53	27°19	17°51	12°24	15°31	13°33	19°25	7°10	9°15	26°20	26°32	8°12	12°29	S 26
S 27	20 20 31	4°47'03	18°17	27°39	18°37	13° 6	15°42	13°39	19°23	7° 8	9°16	26° 8	26°28	8°19	12°29	S 27
M28	20 24 28	5°44'18	0°A32	27°54	19°22	13°48	15°53	13°46	19°22	7° 7	9°17	25°55	26°25	8°25	12°28	M28
T 29	20 28 24	6°41'34	12°38	28° 4	20° 6	14°30	16° 5	13°52	19°21	7° 5	9°19	25°42	26°22	8°32	12°27	T 29
W30	20 32 21	7°38'50	24°38	28° 9	20°49	15°12	16°16	13°59	19°19	7° 3	9°20	25°30	26°19	8°39	12°27	W30
T 31	20 36 18	8°L36'06	6°H31	28°R10	21°132	15°II54	16°1128	14°1126	19°A18	7°A 2	9°B21	25°Y20	26°Y16	8°H45	12°Y26	T 31

Day	☉	☽			♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat		decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	22n59	24s 3	5s 0	21n46	1n50	14n38	1n40	18n 8	0s42	8n17	1n 3	8n57	1n43	23s 3	0s 3	17s54	0n22	17n 3	6s 2	10n54	10n40	13s18	7n10	2n28		
W 2	22 54	20 32	4 47	21 20	1 46	14 14	1 36	18 20	0 42	8 13	1 3	8 55	1 43	23 3	0 3	17 54	0 22	17 3	6 2	10 50	10 39	13 15	7 11	2 28		
T 3	22 50	16 13	4 22	20 54	1 41	13 50	1 33	18 31	0 41	8 10	1 3	8 53	1 43	23 3	0 3	17 54	0 22	17 3	6 2	10 47	10 38	13 12	7 11	2 28		
F 4	22 44	11 19	3 46	20 27	1 36	13 26	1 29	18 41	0 40	8 6	1 3	8 51	1 43	23 3	0 3	17 55	0 22	17 3	6 2	10 45	10 37	13 9	7 11	2 28		
S 5	22 39	6 1	2 59	19 59	1 30	13 2	1 24	18 52	0 40	8 3	1 3	8 49	1 43	23 3	0 3	17 55	0 22	17 3	6 2	10 43	10 36	13 6	7 12	2 28		
S 6	22 33	0 30	2 5	19 30	1 23	12 38	1 20	19 2	0 39	7 59	1 3	8 47	1 43	23 2	0 3	17 56	0 22	17 3	6 2	10 42	10 35	13 3	7 12	2 28		
M 7	22 26	5n 7	1 5	19 0	1 16	12 13	1 16	19 13	0 38	7 55	1 3	8 45	1 43	23 2	0 3	17 56	0 22	17 3	6 2	10 42	10 34	13 0	7 12	2 28		
T 8	22 19	10 38	0 1	18 31	1 8	11 48	1 11	19 23	0 37	7 51	1 3	8 43	1 43	23 2	0 3	17 56	0 22	17 3	6 1	10 42	10 32	12 57	7 12	2 28		
W 9	22 12	15 52	1n 5	18 1	1 0	11 23	1 6	19 32	0 37	7 48	1 3	8 41	1 43	23 2	0 3	17 57	0 22	17 3	6 1	10 42	10 31	12 54	7 13	2 28		
T 10	22 5	20 34	2 9	17 30	0 52	10 58	1 2	19 42	0 36	7 44	1 2	8 38	1 43	23 2	0 3	17 57	0 22	17 3	6 1	10 41	10 30	12 51	7 13	2 28		
F 11	21 57	24 24	3 9	17 0	0 42	10 33	0 56	19 51	0 35	7 40	1 2	8 36	1 43	23 2	0 3	17 58	0 22	17 3	6 1	10 40	10 29	12 48	7 13	2 28		
S 12	21 48	26 58	3 59	16 29	0 32	10 8	0 51	20 1	0 35	7 36	1 2	8 34	1 43	23 1	0 3	17 58	0 22	17 3	6 1	10 38	10 28	12 45	7 13	2 29		
S 13	21 39	27 53	4 36	15 58	0 22	9 42	0 46	20 10	0 34	7 32	1 2	8 32	1 42	23 1	0 3	17 58	0 22	17 3	6 1	10 34	10 27	12 42	7 13	2 29		
M14	21 30	26 55	4 57	15 28	0 12	9 17	0 40	20 19	0 33	7 28	1 2	8 30	1 42	23 1	0 3	17 59	0 22	17 3	6 1	10 30	10 26	12 39	7 13	2 29		
T 15	21 21	24 4	4 58	14 58	0 0	8 51	0 34	20 27	0 33	7 24	1 2	8 27	1 42	23 1	0 3	17 59	0 22	17 3	6 1	10 26	10 24	12 36	7 13	2 29		
W16	21 11	19 34	4 39	14 28	0s11	8 25	0 29	20 36	0 32	7 20	1 2	8 25	1 42	23 1	0 3	18 0	0 22	17 3	6 1	10 23	10 23	12 33	7 13	2 29		
T 17	21 1	13 52	4 1	13 58	0 23	8 0	0 22	20 44	0 31	7 16	1 2	8 23	1 42	23 1	0 3	18 0	0 22	17 2	6 1	10 20	10 22	12 30	7 13	2 29		
F 18	20 50	7 27	3 7	13 29	0 35	7 34	0 16	20 52	0 30	7 12	1 2	8 20	1 42	23 1	0 3	18 0	0 22	17 2	6 1	10 18	10 21	12 27	7 13	2 29		
S 19	20 39	0 44	2 2	13 1	0 48	7 9	0 10	21 0	0 30	7 8	1 2	8 18	1 42	23 1	0 3	18 1	0 22	17 2	6 1	10 17	10 20	12 23	7 13	2 29		
S 20	20 28	5s53	0 51	12 33	1 1	6 43	0 3	21 7	0 29	7 4	1 2	8 16	1 42	23 0	0 3	18 1	0 22	17 2	6 1	10 16	10 19	12 20	7 13	2 29		
M21	20 17	12 4	0s22	12 6	1 14	6 17	0s 4	21 15	0 28	6 59	1 2	8 13	1 42	23 0	0 3	18 2	0 22	17 2	6 1	10 16	10 18	12 17	7 13	2 29		
T 22	20 5	17 33	1 32	11 40	1 28	5 52	0 11	21 22	0 27	6 55	1 1	8 11	1 42	23 0	0 3	18 2	0 22	17 2	6 1	10 16	10 16	12 14	7 13	2 29		
W23	19 52	22 4	2 35	11 14	1 42	5 26	0 18	21 29	0 26	6 51	1 1	8 8	1 42	23 0	0 4	18 2	0 22	17 2	6 1	10 15	10 15	12 11	7 13	2 29		
T 24	19 40	25 24	3 29	10 51	1 56	5 1	0 25	21 35	0 26	6 47	1 1	8 6	1 42	23 0	0 4	18 3	0 22	17 2	6 1	10 14	10 14	12 8	7 13	2 29		
F 25	19 27	27 23	4 12	10 28	2 10	4 35	0 33	21 42	0 25	6 42	1 1	8 3	1 42	23 0	0 4	18 3	0 22	17 2	6 1	10 11	10 13	12 5	7 13	2 29		
S 26	19 14	27 55	4 42	10 6	2 24	4 10	0 41	21 48	0 24	6 38	1 1	8 1	1 42	23 0	0 4	18 4	0 22	17 2	6 1	10 8	10 12	12 2	7 13	2 29		
S 27	19 0	27 1	4 57	9 47	2 38	3 45	0 49	21 54	0 23	6 33	1 1	7 58	1 42	23 0	0 4	18 4	0 22	17 2	6 1	10 4	10 11	11 59	7 13	2 30		
M28	18 46	24 50	4 59	9 28	2 52	3 20	0 57	22 0	0 23	6 29	1 1	7 56	1 42	22 59	0 4	18 5	0 22	17 1	6 1	9 59	10 10	11 56	7 12	2 30		
T 29	18 32	21 33	4 47	9 12	3 6	2 55	1 5	22 6	0 22	6 25	1 1	7 53	1 42	22 59	0 4	18 5	0 22	17 1	6 1	9 54	10 8	11 53	7 12	2 30		
W30	18 18	17 24	4 23	8 57	3 19	2 30	1 13	22 12	0 21	6 20	1 1	7 51	1 42	22 59	0 4	18 5	0 22	17 1	6 1	9 50	10 7	11 50	7 12	2 30		
T 31	18n 3	12s36	3s47	8n45	3s33	2n 5	1s22	22n17	0s20	6n16	1n 1	7n48	1n41	22s59	0s 4	18s 6	0n22	17n 1	6s 1	9n46	10n 6	11s47	7n12	2n30		

## ASTRODIENST EPHEMERIS for the year 2656

AUGUST 2656

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	20 40 14	9♎33'23	18♋21	28°R 5	22♎13	16♎36	16♎39	14♎12	19°R17	7°R 0	9♎23	25°R12	26°Y13	8♋52	12°R25	F 1
S 2	20 44 11	10°30'41	0°Y 9	27♎56	22°53	17°17	16°51	14°19	19♎15	6♎58	9°24	25°Y 7	26° 9	8°59	12°Y24	S 2
S 3	20 48 7	11°27'59	12° 1	27°42	23°33	17°59	17° 2	14°26	19°14	6°57	9°25	25° 4	26° 6	9° 5	12°23	S 3
M 4	20 52 4	12°25'18	23°59	27°23	24°11	18°40	17°14	14°33	19°13	6°55	9°26	25°D 4	26° 3	9°12	12°22	M 4
T 5	20 56 0	13°22'38	6♋ 9	26°59	24°48	19°22	17°26	14°39	19°12	6°54	9°28	25° 4	26° 0	9°19	12°21	T 5
W 6	20 59 57	14°19'59	18°37	26°31	25°24	20° 3	17°37	14°46	19°11	6°52	9°29	25°R 4	25°57	9°25	12°20	W 6
T 7	21 3 53	15°17'21	1♎26	25°59	25°58	20°44	17°49	14°53	19°10	6°50	9°30	25° 3	25°54	9°32	12°19	T 7
F 8	21 7 50	16°14'44	14°42	25°23	26°31	21°25	18° 1	15° 0	19° 9	6°49	9°31	25° 0	25°50	9°39	12°18	F 8
S 9	21 11 47	17°12'08	28°27	24°44	27° 3	22° 6	18°13	15° 7	19° 8	6°47	9°32	24°54	25°47	9°45	12°16	S 9
S 10	21 15 43	18° 9'33	12♎41	24° 2	27°34	22°47	18°25	15°14	19° 7	6°46	9°34	24°47	25°44	9°52	12°15	S 10
M11	21 19 40	19° 6'59	27°21	23°18	28° 3	23°28	18°37	15°21	19° 6	6°44	9°35	24°38	25°41	9°59	12°14	M11
T 12	21 23 36	20° 4'25	12♎22	22°33	28°31	24° 9	18°49	15°28	19° 5	6°42	9°36	24°28	25°38	10° 6	12°12	T 12
W13	21 27 33	21° 1'53	27°33	21°47	28°57	24°50	19° 1	15°36	19° 4	6°41	9°37	24°19	25°34	10°12	12°11	W13
T 14	21 31 29	21°59'21	12♎45	21° 2	29°21	25°30	19°13	15°43	19° 4	6°39	9°38	24°12	25°31	10°19	12°10	T 14
F 15	21 35 26	22°56'50	27°47	20°18	29°44	26°11	19°26	15°50	19° 3	6°38	9°39	24° 7	25°28	10°26	12° 8	F 15
S 16	21 39 22	23°54'20	12♎31	19°36	0♎ 5	26°51	19°38	15°57	19° 3	6°36	9°40	24° 5	25°25	10°32	12° 6	S 16
S 17	21 43 19	24°51'51	26°52	18°57	0°24	27°32	19°50	16° 4	19° 2	6°35	9°41	24°D 4	25°22	10°39	12° 5	S 17
M18	21 47 16	25°49'22	10♎49	18°21	0°41	28°12	20° 3	16°12	19° 1	6°33	9°43	24° 5	25°19	10°46	12° 3	M18
T 19	21 51 12	26°46'54	24°21	17°50	0°57	28°52	20°15	16°19	19° 1	6°32	9°44	24°R 5	25°15	10°52	12° 1	T 19
W20	21 55 9	27°44'27	7♋31	17°23	1°10	29°32	20°27	16°26	19° 1	6°30	9°45	24° 5	25°12	10°59	12° 0	W20
T 21	21 59 5	28°42'00	20°22	17° 3	1°22	0♎12	20°40	16°34	19° 0	6°29	9°46	24° 3	25° 9	11° 6	11°58	T 21
F 22	22 3 2	29°39'35	2♎58	16°48	1°31	0°52	20°52	16°41	19° 0	6°27	9°47	23°58	25° 6	11°12	11°56	F 22
S 23	22 6 58	0♎37'10	15°20	16°40	1°38	1°31	21° 5	16°48	19° 0	6°26	9°48	23°52	25° 3	11°19	11°54	S 23
S 24	22 10 55	1°34'46	27°32	16°D39	1°43	2°11	21°17	16°56	18°59	6°24	9°49	23°43	25° 0	11°26	11°52	S 24
M25	22 14 51	2°32'24	9♎36	16°44	1°46	2°51	21°30	17° 3	18°59	6°23	9°50	23°34	24°56	11°32	11°50	M25
T 26	22 18 48	3°30'02	21°34	16°57	1°R46	3°30	21°43	17°11	18°59	6°22	9°50	23°24	24°53	11°39	11°49	T 26
W27	22 22 45	4°27'41	3♋28	17°18	1°44	4° 9	21°55	17°18	18°D59	6°20	9°51	23°16	24°50	11°46	11°47	W27
T 28	22 26 41	5°25'22	15°18	17°45	1°40	4°49	22° 8	17°26	18°59	6°19	9°52	23° 8	24°47	11°52	11°44	T 28
F 29	22 30 38	6°23'04	27° 7	18°20	1°33	5°28	22°21	17°33	18°59	6°17	9°53	23° 3	24°44	11°59	11°42	F 29
S 30	22 34 34	7°20'47	8°Y57	19° 3	1°24	6° 7	22°33	17°41	18°59	6°16	9°54	23° 0	24°40	12° 6	11°40	S 30
S 31	22 38 31	8♎18'32	20°Y52	19♎52	1♎12	6♎46	22♎46	17♎48	19♎ 0	6♎15	9♎55	22°D59	24°Y37	12♋12	11°Y38	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	17n48	7s23	3s 1	8n34	3s45	1n41	1s31	22n22	0s19	6n11	1n 1	7n45	1n41	22s59	0s 4	18s 6	0n22	17n 1	6s 1	9n43	10n 5	11s44	7n11	2n30					
S 2	17 33	1 54	2 8	8 26	3 58	1 17	1 40	22 27	0 18	6 7	1 1	7 43	1 41	22 59	0 4	18 7	0 22	17 1	6 1	9 41	10 4	11 41	7 11	2 30					
S 3	17 17	3n41	1 9	8 20	4 9	0 53	1 49	22 31	0 18	6 2	1 1	7 40	1 41	22 59	0 4	18 7	0 22	17 1	6 1	9 40	10 3	11 38	7 11	2 30					
M 4	17 1	9 11	0 6	8 16	4 20	0 29	1 59	22 36	0 17	5 58	1 1	7 37	1 41	22 59	0 4	18 7	0 22	17 1	6 1	9 40	10 2	11 35	7 10	2 30					
T 5	16 45	14 27	0n59	8 15	4 30	0 6	2 8	22 40	0 16	5 53	1 1	7 35	1 41	22 59	0 4	18 8	0 22	17 1	6 1	9 40	10 0	11 31	7 10	2 30					
W 6	16 28	19 15	2 2	8 16	4 38	0s17	2 18	22 44	0 15	5 48	1 1	7 32	1 41	22 59	0 4	18 8	0 22	17 1	6 1	9 40	9 59	11 28	7 10	2 30					
T 7	16 12	23 19	3 1	8 20	4 46	0 40	2 28	22 48	0 14	5 44	1 1	7 29	1 41	22 59	0 4	18 9	0 22	17 0	6 1	9 40	9 58	11 25	7 9	2 30					
F 8	15 55	26 19	3 52	8 26	4 52	1 2	2 38	22 52	0 13	5 39	1 0	7 27	1 41	22 58	0 4	18 9	0 22	17 0	6 2	9 39	9 57	11 22	7 9	2 30					
S 9	15 38	27 53	4 32	8 34	4 56	1 24	2 48	22 55	0 12	5 34	1 0	7 24	1 41	22 58	0 4	18 10	0 22	17 0	6 2	9 37	9 56	11 19	7 8	2 30					
S 10	15 20	27 40	4 57	8 45	4 59	1 46	2 59	22 58	0 12	5 30	1 0	7 21	1 41	22 58	0 4	18 10	0 22	17 0	6 2	9 34	9 55	11 16	7 8	2 30					
M11	15 2	25 34	5 3	8 58	5 0	2 7	3 9	23 1	0 11	5 25	1 0	7 18	1 41	22 58	0 4	18 10	0 22	17 0	6 2	9 31	9 54	11 13	7 7	2 30					
T 12	14 44	21 39	4 49	9 13	5 0	2 28	3 20	23 4	0 10	5 20	1 0	7 16	1 41	22 58	0 4	18 11	0 22	17 0	6 2	9 27	9 52	11 10	7 7	2 30					
W13	14 26	16 15	4 14	9 30	4 57	2 49	3 31	23 7	0 9	5 15	1 0	7 13	1 41	22 58	0 4	18 11	0 22	17 0	6 2	9 24	9 51	11 7	7 6	2 30					
T 14	14 8	9 51	3 22	9 48	4 53	3 9	3 42	23 9	0 8	5 10	1 0	7 10	1 41	22 58	0 4	18 12	0 22	17 0	6 2	9 21	9 50	11 4	7 6	2 30					
F 15	13 49	2 57	2 16	10 7	4 47	3 28	3 54	23 11	0 7	5 6	1 0	7 7	1 41	22 58	0 4	18 12	0 22	17 0	6 2	9 19	9 49	11 0	7 5	2 30					
S 16	13 30	3s59	1 1	10 28	4 39	3 47	4 5	23 13	0 6	5 1	1 0	7 5	1 41	22 58	0 4	18 12	0 22	16 59	6 2	9 19	9 48	10 57	7 5	2 30					
S 17	13 11	10 33	0s15	10 49	4 30	4 5	4 16	23 15	0 5	4 56	1 0	7 2	1 41	22 58	0 4	18 13	0 22	16 59	6 2	9 18	9 47	10 54	7 4	2 31					
M18	12 52	16 25	1 28	11 10	4 19	4 23	4 28	23 16	0 4	4 51	1 0	6 59	1 41	22 58	0 4	18 13	0 22	16 59	6 2	9 19	9 45	10 51	7 4	2 31					
T 19	12 33	21 18	2 35	11 31	4 7	4 39	4 40	23 18	0 3	4 46	1 0	6 56	1 41	22 58	0 4	18 14	0 22	16 59	6 2	9 19	9 44	10 48	7 3	2 31					
W20	12 13	24 57	3 31	11 52	3 53	4 56	4 52	23 19	0 2	4 41	1 0	6 53	1 41	22 58	0 4	18 14	0 22	16 59	6 2	9 19	9 43	10 45	7 2	2 31					
T 21	11 53	27 15	4 15	12 12	3 38	5 11	5 4	23 20	0 1	4 36	1 0	6 50	1 41	22 58	0 4	18 14	0 22	16 59	6 2	9 18	9 42	10 42	7 2	2 31					
F 22	11 33	28 5	4 46	12 31	3 23	5 26	5 15	23 21	0 1	4 32	1 0	6 48	1 41	22 58	0 4	18 15	0 22	16 59	6 2	9 16	9 41	10 39	7 1	2 31					
S 23	11 13	27 29	5 3	12 49	3 6	5 39	5 27	23 21	0n 0	4 27	1 0	6 45	1 41	22 58	0 4	18 15	0 22	16 59	6 2	9 14	9 40	10 35	7 0	2 31					
S 24	10 53	25 34	5 5	13 6	2 49	5 52	5 39	23 22	0 1	4 22	1 0	6 42	1 41	22 58	0 4	18 15	0 22	16 58	6 2	9 11	9 39	10 32	7 0	2 31					
M25	10 32	22 30	4 54	13 21	2 32	6 4	5 51	23 22	0 2	4 17	1 0	6 39	1 41	22 58	0 4	18 16	0 22	16 58	6 2	9 7	9 37	10 29	6 59	2 31					
T 26	10 11	18 32	4 30	13 34	2 15	6 15	6 3	23 22	0 3	4 12	1 0	6 36	1 41	22 58	0 4	18 16	0 22	16 58	6 2	9 4	9 36	10 26	6 58	2 31					
W27	9 50	13 51	3 55	13 44	1 57	6 25	6 15	23 22	0 4	4 7	1 0	6 33	1 41	22 58	0 4	18 17	0 22	16 58	6 2	9 0	9 35	10 23	6 57	2 31					
T 28	9 29	8 41	3 9	13 53	1 39	6 34	6 26	23 21	0 5	4 2	1 0	6 30	1 41	22 58	0 4	18 17	0 22	16 58	6 2	8 58	9 34	10 20	6 56	2 31					
F 29	9 8	3 13	2 15	13 59	1 22	6 42	6 38	23 21	0 6	3 57	1 0	6 27	1 41	22 58	0 4	18 17	0 22	16 58	6 3	8 56	9 33	10 17	6 56	2 31					
S 30	8 47	2n23	1 15	14 2	1 5	6 49	6 49	23 20	0 7	3 52	1 0	6 24	1 41	22 58	0 4	18 18	0 22	16 58	6 3	8 55	9 32	10 13	6 55	2 31					
S 31	8n26	7n56	0s11	14n 3	0s48	6s54	7s 0	23n19	0n 8	3n47	1n 0	6n22	1n41	22s58	0s 4	18s18	0n22	16n58	6s 3	8n54	9n30	10s10	6n54	2n30					

## ASTRODIENST EPHEMERIS for the year 2656

SEPTEMBER 2656

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	22 42 27	9 <sup>h</sup> 16'18	2 <sup>h</sup> 53	20 <sup>h</sup> 48	0 <sup>h</sup> R59	7 <sup>h</sup> 25	22 <sup>h</sup> 59	17 <sup>h</sup> 56	19 <sup>h</sup> 0	6 <sup>h</sup> R13	9 <sup>h</sup> 56	22 <sup>h</sup> 59	24 <sup>h</sup> Y34	12 <sup>h</sup> X19	11 <sup>h</sup> R36	M 1
T 2	22 46 24	10 <sup>h</sup> 14'06	15° 6	21°51	0 <sup>h</sup> 42	8° 3	23°12	18° 3	19° 0	6 <sup>h</sup> 12	9°57	23° 0	24°31	12°26	11 <sup>h</sup> Y34	T 2
W 3	22 50 20	11°11'56	27°34	23° 1	0°24	8°42	23°24	18°11	19° 0	6°11	9°57	23° 2	24°28	12°33	11°31	W 3
T 4	22 54 17	12° 9'47	10 <sup>h</sup> 21	24°16	0° 3	9°20	23°37	18°19	19° 1	6°10	9°58	23°R 3	24°25	12°39	11°29	T 4
F 5	22 58 13	13° 7'40	23°32	25°37	29 <sup>h</sup> 40	9°59	23°50	18°26	19° 1	6° 8	9°59	23° 2	24°21	12°46	11°27	F 5
S 6	23 2 10	14° 5'35	7 <sup>h</sup> 11	27° 4	29°15	10°37	24° 3	18°34	19° 2	6° 7	10° 0	23° 0	24°18	12°53	11°25	S 6
S 7	23 6 7	15° 3'32	21°17	28°35	28°48	11°15	24°16	18°41	19° 2	6° 6	10° 0	22°56	24°15	12°59	11°22	S 7
M 8	23 10 3	16° 1'30	5 <sup>h</sup> 25	0 <sup>h</sup> 11	28°19	11°53	24°29	18°49	19° 3	6° 5	10° 1	22°52	24°12	13° 6	11°20	M 8
T 9	23 14 0	16°59'31	20°45	1°51	27°49	12°31	24°42	18°56	19° 3	6° 4	10° 2	22°46	24° 9	13°13	11°17	T 9
W10	23 17 56	17°57'32	5 <sup>h</sup> 55	3°34	27°17	13° 9	24°55	19° 4	19° 4	6° 3	10° 2	22°41	24° 5	13°19	11°15	W10
T 11	23 21 53	18°55'36	21° 9	5°21	26°44	13°47	25° 8	19°12	19° 5	6° 2	10° 3	22°37	24° 2	13°26	11°13	T 11
F 12	23 25 49	19°53'40	6 <sup>h</sup> 19	7°10	26° 9	14°24	25°21	19°19	19° 5	6° 0	10° 4	22°35	23°59	13°33	11°10	F 12
S 13	23 29 46	20°51'47	21°14	9° 1	25°33	15° 2	25°33	19°27	19° 6	5°59	10° 4	22°D34	23°56	13°39	11° 8	S 13
S 14	23 33 42	21°49'55	5 <sup>h</sup> 47	10°53	24°57	15°39	25°46	19°34	19° 7	5°58	10° 5	22°35	23°53	13°46	11° 5	S 14
M15	23 37 39	22°48'04	19°54	12°47	24°20	16°17	25°59	19°42	19° 8	5°57	10° 5	22°36	23°50	13°53	11° 2	M15
T 16	23 41 36	23°46'15	3 <sup>h</sup> 35	14°42	23°43	16°54	26°12	19°50	19° 9	5°56	10° 6	22°37	23°46	13°59	11° 0	T 16
W17	23 45 32	24°44'27	16°50	16°37	23° 6	17°31	26°25	19°57	19°10	5°55	10° 6	22°39	23°43	14° 6	10°57	W17
T 18	23 49 29	25°42'41	29°42	18°33	22°29	18° 7	26°38	20° 5	19°11	5°55	10° 7	22°R39	23°40	14°13	10°55	T 18
F 19	23 53 25	26°40'56	12 <sup>h</sup> 35	20°29	21°52	18°44	26°51	20°12	19°12	5°54	10° 7	22°38	23°37	14°19	10°52	F 19
S 20	23 57 22	27°39'13	24°32	22°24	21°17	19°21	27° 4	20°20	19°13	5°53	10° 8	22°36	23°34	14°26	10°49	S 20
S 21	0 1 18	28°37'31	6 <sup>h</sup> 38	24°19	20°42	19°57	27°17	20°28	19°15	5°52	10° 8	22°32	23°31	14°33	10°47	S 21
M22	0 5 15	29°35'50	18°35	26°14	20° 8	20°33	27°30	20°35	19°16	5°51	10° 9	22°29	23°27	14°39	10°44	M22
T 23	0 9 11	0 <sup>h</sup> 34'11	0 <sup>h</sup> 38	28° 8	19°35	21°10	27°43	20°43	19°17	5°50	10° 9	22°25	23°24	14°46	10°41	T 23
W24	0 13 8	1°32'34	12°18	0 <sup>h</sup> 1	19° 4	21°46	27°56	20°50	19°19	5°50	10° 9	22°22	23°21	14°53	10°39	W24
T 25	0 17 5	2°30'59	24° 8	1°53	18°35	22°22	28° 9	20°58	19°20	5°49	10°10	22°19	23°18	14°59	10°36	T 25
F 26	0 21 1	3°29'25	6 <sup>h</sup> Y 0	3°45	18° 7	22°57	28°22	21° 5	19°22	5°48	10°10	22°17	23°15	15° 6	10°33	F 26
S 27	0 24 58	4°27'53	17°57	5°35	17°41	23°33	28°35	21°13	19°23	5°48	10°10	22°D16	23°11	15°13	10°31	S 27
S 28	0 28 54	5°26'23	29°59	7°25	17°18	24° 8	28°48	21°20	19°25	5°47	10°11	22°16	23° 8	15°19	10°28	S 28
M29	0 32 51	6°24'55	12 <sup>h</sup> Y10	9°14	16°57	24°44	29° 1	21°28	19°26	5°46	10°11	22°17	23° 5	15°26	10°25	M29
T 30	0 36 47	7 <sup>h</sup> 23'30	24 <sup>h</sup> 32	11 <sup>h</sup> 1	16 <sup>h</sup> 38	25 <sup>h</sup> 19	29 <sup>h</sup> 14	21 <sup>h</sup> 35	19 <sup>h</sup> 28	5 <sup>h</sup> 46	10 <sup>h</sup> 11	22 <sup>h</sup> Y18	23 <sup>h</sup> Y 2	15 <sup>h</sup> X33	10 <sup>h</sup> Y22	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	8n 4	13n16	0n54	14n 0	0s32	6s59	7s11	23n18	0n 9	3n42	1n 0	6n19	1n41	22s58	0s 4	18s18
T 2	7 42	18 10	1 57	13 55	0 17	7 2	7 21	23 17	0 10	3 37	1 0	6 16	1 41	22 58	0 4	18 19
W 3	7 20	22 25	2 57	13 46	0 2	7 3	7 31	23 16	0 11	3 32	1 0	6 13	1 41	22 58	0 4	18 19
T 4	6 59	25 42	3 49	13 35	0n12	7 4	7 41	23 14	0 12	3 27	1 0	6 10	1 41	22 58	0 4	18 19
F 5	6 36	27 43	4 31	13 20	0 25	7 3	7 50	23 12	0 13	3 21	1 0	6 7	1 41	22 58	0 4	18 20
S 6	6 14	28 9	4 59	13 2	0 37	7 1	7 58	23 10	0 14	3 16	1 0	6 4	1 42	22 58	0 4	18 20
S 7	5 52	26 48	5 11	12 41	0 49	6 57	8 6	23 8	0 15	3 11	1 0	6 1	1 42	22 58	0 4	18 20
M 8	5 30	23 39	5 3	12 17	0 59	6 53	8 13	23 6	0 16	3 6	1 0	5 58	1 42	22 58	0 4	18 20
T 9	5 7	18 52	4 35	11 50	1 8	6 47	8 19	23 4	0 17	3 1	1 0	5 55	1 42	22 58	0 4	18 21
W10	4 45	12 50	3 47	11 21	1 16	6 39	8 25	23 1	0 19	2 56	1 0	5 52	1 42	22 58	0 4	18 21
T 11	4 22	6 0	2 43	10 49	1 24	6 30	8 30	22 58	0 20	2 51	1 0	5 49	1 42	22 58	0 4	18 21
F 12	3 59	1s 9	1 28	10 15	1 30	6 21	8 34	22 55	0 21	2 46	1 0	5 46	1 42	22 58	0 4	18 22
S 13	3 37	8 8	0 7	9 38	1 35	6 9	8 37	22 52	0 22	2 41	1 0	5 44	1 42	22 59	0 4	18 22
S 14	3 14	14 32	1s12	8 59	1 39	5 57	8 40	22 49	0 23	2 36	1 0	5 41	1 42	22 59	0 4	18 22
M15	2 51	19 58	2 24	8 19	1 43	5 44	8 41	22 46	0 24	2 30	1 0	5 38	1 42	22 59	0 4	18 22
T 16	2 28	24 10	3 26	7 37	1 45	5 30	8 41	22 42	0 25	2 25	1 0	5 35	1 42	22 59	0 4	18 23
W17	2 5	26 56	4 15	6 54	1 47	5 15	8 41	22 39	0 26	2 20	1 0	5 32	1 42	22 59	0 4	18 23
T 18	1 42	28 11	4 49	6 10	1 48	4 59	8 40	22 35	0 27	2 15	1 0	5 29	1 42	22 59	0 4	18 23
F 19	1 19	27 55	5 9	5 25	1 48	4 43	8 37	22 31	0 28	2 10	1 0	5 26	1 42	22 59	0 4	18 23
S 20	0 56	26 17	5 14	4 39	1 47	4 26	8 34	22 27	0 29	2 5	1 0	5 23	1 42	22 59	0 4	18 24
S 21	0 33	23 28	5 5	3 52	1 46	4 8	8 30	22 23	0 31	2 0	1 0	5 20	1 42	22 59	0 4	18 24
M22	0 10	19 40	4 42	3 5	1 44	3 51	8 25	22 19	0 32	1 55	1 0	5 17	1 43	22 59	0 4	18 24
T 23	0s14	15 8	4 8	2 17	1 41	3 33	8 19	22 14	0 33	1 50	1 0	5 15	1 43	22 59	0 4	18 24
W24	0 37	10 3	3 23	1 30	1 38	3 15	8 12	22 10	0 34	1 44	1 0	5 12	1 43	23 0	0 4	18 25
T 25	1 0	4 36	2 29	0 42	1 35	2 56	8 5	22 5	0 35	1 39	1 0	5 9	1 43	23 0	0 4	18 25
F 26	1 23	1n 1	1 29	0s 6	1 31	2 38	7 57	22 0	0 36	1 34	1 0	5 6	1 43	23 0	0 4	18 25
S 27	1 46	6 39	0 24	0 53	1 26	2 21	7 48	21 56	0 38	1 29	1 1	5 3	1 43	23 0	0 4	18 25
S 28	2 9	12 5	0n43	1 41	1 22	2 3	7 39	21 51	0 39	1 24	1 1	5 0	1 43	23 0	0 4	18 25
M29	2 32	17 9	1 48	2 28	1 17	1 46	7 29	21 46	0 40	1 19	1 1	4 57	1 43	23 0	0 4	18 25
T 30	2s55	21n34	2n49	3s15	1n11	1s29	7s19	21n40	0n41	1n14	1n 1	4n55	1n43	23s 0	0s 4	18s26

Julian Day Number = 2691387.5, Delta T = 24m03s

Ecliptic obliquity = 23°21'23", Nutation = - 0°00'07"

Ayanamsha: Fagan/Bradley = 33°55'34", Lahiri = 33°02'34"

# ASTRODIENST EPHEMERIS for the year 2656

OCTOBER 2656

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	0 40 44	8♂22'06	7♂ 7	12♂48	16°R21	25♂54	29♂27	21♂42	19♂30	5°R45	10♂11	22°Y20	22°Y59	15♂39	10°R20	W 1
T 2	0 44 40	9°20'44	19°59	14°33	16♂ 7	26°29	29°40	21°50	19°31	5♂45	10°12	22°21	22°56	15°46	10°Y17	T 2
F 3	0 48 37	10°19'25	3♂10	16°18	15°55	27° 4	29°53	21°57	19°33	5°44	10°12	22°21	22°52	15°53	10°14	F 3
S 4	0 52 34	11°18'08	16°42	18° 2	15°46	27°38	0♂ 5	22° 4	19°35	5°44	10°12	22°R21	22°49	15°59	10°12	S 4
S 5	0 56 30	12°16'53	0♂38	19°44	15°39	28°13	0°18	22°12	19°37	5°43	10°12	22°21	22°46	16° 6	10° 9	S 5
M 6	1 0 27	13°15'41	14°56	21°26	15°34	28°47	0°31	22°19	19°39	5°43	10°12	22°20	22°43	16°13	10° 6	M 6
T 7	1 4 23	14°14'30	29°34	23° 7	15°D32	29°21	0°44	22°26	19°41	5°43	10°12	22°19	22°40	16°19	10° 3	T 7
W 8	1 8 20	15°13'22	14♂27	24°47	15°33	29°55	0°57	22°34	19°43	5°42	10°12	22°18	22°37	16°26	10° 1	W 8
T 9	1 12 16	16°12'16	29°28	26°26	15°35	0♂29	1°10	22°41	19°45	5°42	10°12	22°18	22°33	16°33	9°58	T 9
F 10	1 16 13	17°11'11	14♂30	28° 4	15°40	1° 2	1°22	22°48	19°47	5°42	10°R12	22°17	22°30	16°40	9°55	F 10
S 11	1 20 9	18°10'09	29°22	29°41	15°48	1°36	1°35	22°55	19°49	5°42	10°12	22°D17	22°27	16°46	9°53	S 11
S 12	1 24 6	19° 9'09	13♂58	1♂18	15°57	2° 9	1°48	23° 2	19°52	5°41	10°12	22°18	22°24	16°53	9°50	S 12
M13	1 28 3	20° 8'11	28°12	2°53	16° 9	2°42	2° 0	23° 9	19°54	5°41	10°12	22°18	22°21	17° 0	9°47	M13
T 14	1 31 59	21° 7'14	12♂ 0	4°28	16°22	3°15	2°13	23°16	19°56	5°41	10°12	22°18	22°17	17° 6	9°44	T 14
W15	1 35 56	22° 6'20	25°23	6° 2	16°38	3°48	2°26	23°23	19°58	5°41	10°12	22°R18	22°14	17°13	9°42	W15
T 16	1 39 52	23° 5'27	8♂20	7°35	16°56	4°20	2°38	23°30	20° 1	5°41	10°12	22°18	22°11	17°20	9°39	T 16
F 17	1 43 49	24° 4'36	20°56	9° 7	17°16	4°52	2°51	23°37	20° 3	5°D41	10°12	22°D18	22° 8	17°26	9°37	F 17
S 18	1 47 45	25° 3'46	3♂13	10°38	17°37	5°24	3° 3	23°44	20° 6	5°41	10°12	22°18	22° 5	17°33	9°34	S 18
S 19	1 51 42	26° 2'59	15°17	12° 9	18° 0	5°56	3°16	23°51	20° 8	5°41	10°11	22°18	22° 2	17°40	9°31	S 19
M20	1 55 38	27° 2'13	27°12	13°39	18°25	6°28	3°28	23°58	20°11	5°41	10°11	22°19	21°58	17°46	9°29	M20
T 21	1 59 35	28° 1'28	9♂ 3	15° 8	18°52	7° 0	3°41	24° 5	20°13	5°41	10°11	22°19	21°55	17°53	9°26	T 21
W22	2 3 32	29° 0'46	20°52	16°37	19°21	7°31	3°53	24°11	20°16	5°41	10°11	22°20	21°52	18° 0	9°24	W22
T 23	2 7 28	0♂ 0'05	2°Y44	18° 4	19°51	8° 2	4° 5	24°18	20°19	5°41	10°10	22°20	21°49	18° 6	9°21	T 23
F 24	2 11 25	0°59'26	14°42	19°31	20°22	8°33	4°17	24°25	20°21	5°42	10°10	22°21	21°46	18°13	9°19	F 24
S 25	2 15 21	1°58'49	26°47	20°57	20°55	9° 3	4°30	24°31	20°24	5°42	10°10	22°R21	21°42	18°20	9°16	S 25
S 26	2 19 18	2°58'14	9♂ 3	22°22	21°29	9°34	4°42	24°38	20°27	5°42	10° 9	22°21	21°39	18°26	9°14	S 26
M27	2 23 14	3°57'42	21°29	23°47	22° 5	10° 4	4°54	24°44	20°29	5°42	10° 9	22°19	21°36	18°33	9°11	M27
T 28	2 27 11	4°57'11	4♂ 8	25°10	22°42	10°34	5° 6	24°51	20°32	5°43	10° 9	22°18	21°33	18°40	9° 9	T 28
W29	2 31 7	5°56'43	17° 0	26°32	23°21	11° 4	5°18	24°57	20°35	5°43	10° 8	22°16	21°30	18°46	9° 7	W29
T 30	2 35 4	6°56'16	0♂ 6	27°54	24° 0	11°33	5°30	25° 3	20°38	5°44	10° 8	22°14	21°27	18°53	9° 4	T 30
F 31	2 39 1	7♂55'52	13♂27	29♂15	24♂41	12♂ 2	5♂42	25♂10	20♂41	5♂44	10♂ 7	22°Y12	21°Y23	19♂ 0	9°Y 2	F 31

Day	☉	☽		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	3s18	25n 6	3n44	4s 2	1n 6	1s13	7s 8	21n35	0n42	1n 9	1n 1	4n52	1n43	23s 1	0s 4	18s26	0n21	16n54	6s 5	8n40	8n54	8s31	6n23	2n30			
T 2	3 41	27 26	4 28	4 48	1 0	0 57	6 57	21 30	0 44	1 4	1 1	4 49	1 43	23 1	0 4	18 26	0 21	16 54	6 5	8 40	8 53	8 28	6 21	2 30			
F 3	4 4	28 18	4 59	5 34	0 54	0 43	6 46	21 24	0 45	0 59	1 1	4 46	1 44	23 1	0 4	18 26	0 21	16 54	6 5	8 40	8 52	8 25	6 20	2 30			
S 4	4 27	27 32	5 15	6 19	0 48	0 28	6 34	21 19	0 46	0 54	1 1	4 43	1 44	23 1	0 4	18 26	0 21	16 54	6 5	8 40	8 51	8 21	6 19	2 30			
S 5	4 50	25 3	5 14	7 4	0 41	0 15	6 23	21 13	0 47	0 49	1 1	4 41	1 44	23 1	0 4	18 26	0 21	16 53	6 6	8 40	8 50	8 18	6 18	2 30			
M 6	5 13	20 58	4 53	7 48	0 35	0 2	6 11	21 7	0 48	0 44	1 1	4 38	1 44	23 1	0 4	18 26	0 21	16 53	6 6	8 40	8 48	8 15	6 17	2 30			
T 7	5 36	15 32	4 13	8 31	0 28	0n10	5 59	21 2	0 50	0 39	1 1	4 35	1 44	23 1	0 4	18 26	0 21	16 53	6 6	8 40	8 47	8 12	6 16	2 30			
W 8	5 58	9 6	3 15	9 14	0 21	0 21	5 46	20 56	0 51	0 34	1 1	4 32	1 44	23 2	0 4	18 27	0 21	16 53	6 6	8 39	8 46	8 8	6 15	2 29			
T 9	6 21	2 6	2 3	9 57	0 14	0 31	5 34	20 50	0 52	0 29	1 1	4 30	1 44	23 2	0 4	18 27	0 21	16 53	6 6	8 39	8 45	8 5	6 13	2 29			
F 10	6 44	5s 2	0 43	10 38	0 7	0 41	5 22	20 44	0 54	0 24	1 1	4 27	1 44	23 2	0 4	18 27	0 21	16 53	6 6	8 39	8 44	8 2	6 12	2 29			
S 11	7 6	11 49	0s39	11 19	0 0	0 49	5 10	20 38	0 55	0 19	1 1	4 24	1 44	23 2	0 4	18 27	0 21	16 53	6 6	8 39	8 42	7 59	6 11	2 29			
S 12	7 28	17 51	1 58	12 0	0s 7	0 57	4 57	20 31	0 56	0 14	1 1	4 21	1 45	23 2	0 4	18 27	0 21	16 53	6 6	8 39	8 41	7 55	6 10	2 29			
M13	7 51	22 43	3 7	12 39	0 14	1 4	4 45	20 25	0 57	0 9	1 2	4 19	1 45	23 2	0 4	18 27	0 21	16 53	6 6	8 39	8 40	7 52	6 9	2 29			
T 14	8 13	26 9	4 2	13 18	0 21	1 10	4 33	20 19	0 59	0 4	1 2	4 16	1 45	23 3	0 4	18 27	0 21	16 53	6 6	8 39	8 39	7 49	6 8	2 29			
W15	8 35	28 0	4 43	13 56	0 28	1 15	4 21	20 13	1 0	0s 1	1 2	4 13	1 45	23 3	0 4	18 27	0 21	16 53	6 6	8 39	8 38	7 46	6 7	2 29			
T 16	8 57	28 13	5 8	14 33	0 36	1 19	4 9	20 6	1 1	0 6	1 2	4 11	1 45	23 3	0 4	18 27	0 21	16 52	6 7	8 39	8 37	7 42	6 5	2 29			
F 17	9 18	26 58	5 17	15 10	0 43	1 22	3 57	20 0	1 3	0 11	1 2	4 8	1 45	23 3	0 4	18 27	0 21	16 52	6 7	8 39	8 35	7 39	6 4	2 29			
S 18	9 40	24 25	5 12	15 45	0 50	1 25	3 46	19 53	1 4	0 16	1 2	4 6	1 45	23 3	0 4	18 27	0 21	16 52	6 7	8 39	8 34	7 36	6 3	2 28			
S 19	10 2	20 51	4 52	16 20	0 57	1 26	3 34	19 47	1 6	0 21	1 2	4 3	1 46	23 4	0 4	18 27	0 21	16 52	6 7	8 39	8 33	7 32	6 2	2 28			
M20	10 23	16 29	4 21	16 54	1 4	1 27	3 23	19 40	1 7	0 25	1 2	4 1	1 46	23 4	0 4	18 27	0 21	16 52	6 7	8 39	8 32	7 29	6 1	2 28			
T 21	10 44	11 31	3 38	17 27	1 11	1 27	3 11	19 34	1 8	0 30	1 2	3 58	1 46	23 4	0 4	18 27	0 21	16 52	6 7	8 40	8 31	7 26	6 0	2 28			
W22	11 5	6 9	2 46	17 59	1 17	1 26	3 0	19 27	1 10	0 35	1 2	3 55	1 46	23 4	0 4	18 27	0 21	16 52	6 7	8 40	8 29	7 23	5 59	2 28			
T 23	11 26	0 33	1 47	18 30	1 24	1 25	2 49	19 20	1 11	0 40	1 2	3 53	1 46	23 4	0 4	18 27	0 20	16 52	6 7	8 40	8 28	7 19	5 58	2 28			
F 24	11 47	5n 7	0 42	19 0	1 31	1 23	2 38	19 14	1 13	0 45	1 2	3 51	1 46	23 5	0 4	18 27	0 20	16 52	6 7	8 40	8 27	7 16	5 57	2 28			
S 25	12 7	10 41	0n25	19 30	1 37	1 19	2 28	19 7	1 14	0 49	1 3	3 48	1 47	23 5	0 4	18 27	0 20	16 52	6 7	8 40	8 26	7 13	5 55	2 28			
S 26	12 28	15 54	1 31	19 58	1 43	1 16	2 17	19 0	1 15	0 54	1 3	3 46	1 47	23 5	0 4	18 27	0 20	16 52	6 7	8 40	8 25	7 9	5 54	2 28			
M27	12 48	20 34	2 35	20 25	1 50	1 11	2 7	18 54	1 17	0 59	1 3	3 43	1 47	23 5	0 4	18 27	0 20	16 52	6 7	8 40	8 24	7 6	5 53	2 27			
T 28	13 8	24 22	3 31	20 52	1 56	1 6	1 57	18 47	1 18	1 3	1 3	3 41	1 47	23 5	0 4	18 27	0 20	16 52	6 8	8 39	8 22	7 3	5 52	2 27			
W29	13 27	27 1	4 18	21 17	2 1	1 0	1 47	18 40	1 20	1 8	1 3	3 38	1 47	23 6	0 4	18 27	0 20	16 52	6 8	8 38	8 21	7 0	5 51	2 27			
T 30	13 47	28 14	4 53	21 41	2 7	0 53	1 38	18 34	1 21	1 13	1 3	3 36	1 47	23 6	0 4	18 27	0 20	16 52	6 8	8 38	8 20	6 50	5 50	2 27			
F 31	14s 6	27n51	5n12	22s 4	2s12	0n45	1s28	18n27	1n23	1s17	1n 3	3n34	1n48	23s 6	0s 4	18s27	0n20	16n52	6s 8	8n37	8n19	6s53	5n49	2n27			

# ASTRODIENST EPHEMERIS for the year 2656

NOVEMBER 2656

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 42 57	8♍55'30	27♎2	0♈34	25♏23	12♏31	5♏54	25♏16	20♏44	5♏45	10°R 7	22°R11	21°Y20	19°X 6	9°R 0	S 1
S 2	2 46 54	9°55'11	10♏52	1°52	26° 6	13° 0	6° 6	25°22	20°47	5°45	10° 6	22°D11	21°17	19°13	8°Y57	S 2
M 3	2 50 50	10°54'53	24°58	3° 9	26°50	13°29	6°17	25°28	20°50	5°46	10° 6	22°Y11	21°14	19°20	8°55	M 3
T 4	2 54 47	11°54'38	9♏16	4°25	27°35	13°57	6°29	25°34	20°53	5°46	10° 5	22°12	21°11	19°26	8°53	T 4
W 5	2 58 43	12°54'25	23°46	5°39	28°21	14°25	6°41	25°40	20°56	5°47	10° 5	22°14	21° 8	19°33	8°51	W 5
T 6	3 2 40	13°54'14	8♏22	6°52	29° 8	14°53	6°52	25°46	20°59	5°47	10° 4	22°15	21° 4	19°40	8°49	T 6
F 7	3 6 36	14°54'06	23° 1	8° 3	29°56	15°20	7° 4	25°52	21° 2	5°48	10° 4	22°R15	21° 1	19°46	8°47	F 7
S 8	3 10 33	15°53'59	7♍36	9°12	0♏44	15°47	7°15	25°58	21° 5	5°49	10° 3	22°15	20°58	19°53	8°45	S 8
S 9	3 14 30	16°53'54	22° 1	10°19	1°34	16°14	7°27	26° 4	21° 9	5°50	10° 2	22°13	20°55	20° 0	8°43	S 9
M10	3 18 26	17°53'52	6♏9	11°23	2°24	16°40	7°38	26° 9	21°12	5°50	10° 2	22°10	20°52	20° 6	8°41	M10
T 11	3 22 23	18°53'51	19°57	12°25	3°16	17° 7	7°49	26°15	21°15	5°51	10° 1	22° 6	20°48	20°13	8°39	T 11
W12	3 26 19	19°53'52	3♎21	13°24	4° 7	17°32	8° 0	26°20	21°18	5°52	10° 0	22° 1	20°45	20°20	8°37	W12
T 13	3 30 16	20°53'54	16°23	14°20	5° 0	17°58	8°12	26°26	21°22	5°53	10° 0	21°57	20°42	20°26	8°35	T 13
F 14	3 34 12	21°53'58	29° 2	15°12	5°53	18°23	8°23	26°31	21°25	5°54	9°59	21°54	20°39	20°33	8°33	F 14
S 15	3 38 9	22°54'04	11♏22	16° 0	6°47	18°48	8°34	26°37	21°28	5°55	9°58	21°52	20°36	20°40	8°31	S 15
S 16	3 42 5	23°54'11	23°27	16°44	7°42	19°13	8°44	26°42	21°32	5°56	9°57	21°D51	20°33	20°46	8°30	S 16
M17	3 46 2	24°54'19	5♏21	17°23	8°37	19°37	8°55	26°47	21°35	5°57	9°57	21°51	20°29	20°53	8°28	M17
T 18	3 49 59	25°54'29	17°11	17°55	9°33	20° 1	9° 6	26°52	21°38	5°58	9°56	21°53	20°26	21° 0	8°26	T 18
W19	3 53 55	26°54'41	29° 1	18°22	10°29	20°24	9°17	26°57	21°42	5°59	9°55	21°55	20°23	21° 6	8°25	W19
T 20	3 57 52	27°54'54	10°Y55	18°42	11°26	20°47	9°27	27° 2	21°45	6° 0	9°54	21°56	20°20	21°13	8°23	T 20
F 21	4 1 48	28°55'08	22°57	18°54	12°24	21°10	9°38	27° 7	21°49	6° 1	9°53	21°R57	20°17	21°20	8°22	F 21
S 22	4 5 45	29°55'24	5♎12	18°R58	13°22	21°33	9°48	27°12	21°52	6° 2	9°52	21°56	20°14	21°26	8°20	S 22
S 23	4 9 41	0♈55'42	17°42	18°53	14°20	21°55	9°58	27°16	21°56	6° 3	9°52	21°53	20°10	21°33	8°19	S 23
M24	4 13 38	1°56'01	0♏27	18°38	15°19	22°16	10° 8	27°21	21°59	6° 4	9°51	21°48	20° 7	21°40	8°17	M24
T 25	4 17 34	2°56'22	13°28	18°13	16°19	22°38	10°19	27°26	22° 3	6° 6	9°50	21°42	20° 4	21°46	8°16	T 25
W26	4 21 31	3°56'45	26°44	17°38	17°19	22°58	10°29	27°30	22° 6	6° 7	9°49	21°35	20° 1	21°53	8°15	W26
T 27	4 25 28	4°57'09	10♎14	16°53	18°19	23°19	10°38	27°34	22°10	6° 8	9°48	21°27	19°58	22° 0	8°14	T 27
F 28	4 29 24	5°57'36	23°55	15°58	19°20	23°39	10°48	27°39	22°13	6°10	9°47	21°20	19°54	22° 6	8°13	F 28
S 29	4 33 21	6°58'03	7♏45	14°54	20°22	23°58	10°58	27°43	22°17	6°11	9°46	21°15	19°51	22°13	8°11	S 29
S 30	4 37 17	7♏58'33	21♏43	13♏42	21♏23	24♏17	11♏8	27♏47	22♏20	6♏12	9°545	21°Y12	19°Y48	22°X20	8°Y10	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14s25	25n49	5n15	22s26	2s18	0n37	1s19	18n20	1n24	1s22	1n 3	3n31	1n48	23s 6	0s 4	S 1
S 2	14 44	22 14	4 59	22 47	2 22	0 29	1 10	18 14	1 26	1 26	1 3	3 29	1 48	23 6	0 4	S 2
M 3	15 3	17 20	4 26	23 7	2 27	0 19	1 1	18 7	1 28	1 31	1 4	3 27	1 48	23 7	0 4	M 3
T 4	15 21	11 24	3 35	23 26	2 31	0 10	0 52	18 0	1 29	1 35	1 4	3 25	1 48	23 7	0 4	T 4
W 5	15 40	4 47	2 31	23 43	2 35	0s 1	0 44	17 54	1 31	1 40	1 4	3 23	1 48	23 7	0 4	W 5
T 6	15 57	2s 9	1 16	24 0	2 39	0 12	0 35	17 47	1 32	1 44	1 4	3 20	1 49	23 7	0 4	T 6
F 7	16 15	8 59	0s 4	24 15	2 42	0 23	0 27	17 41	1 34	1 49	1 4	3 18	1 49	23 7	0 4	F 7
S 8	16 32	15 19	1 24	24 28	2 45	0 35	0 19	17 34	1 35	1 53	1 4	3 16	1 49	23 8	0 4	S 8
S 9	16 50	20 44	2 36	24 41	2 47	0 48	0 12	17 28	1 37	1 58	1 4	3 14	1 49	23 8	0 4	S 9
M10	17 6	24 50	3 38	24 52	2 49	1 1	0 4	17 21	1 39	2 2	1 4	3 12	1 49	23 8	0 4	M10
T 11	17 23	27 23	4 26	25 1	2 50	1 15	0n 3	17 15	1 40	2 6	1 5	3 10	1 50	23 8	0 4	T 11
W12	17 39	28 16	4 57	25 9	2 51	1 29	0 10	17 9	1 42	2 10	1 5	3 8	1 50	23 9	0 4	W12
T 13	17 55	27 31	5 12	25 16	2 51	1 43	0 17	17 2	1 44	2 15	1 5	3 6	1 50	23 9	0 4	T 13
F 14	18 11	25 21	5 11	25 22	2 50	1 58	0 24	16 56	1 46	2 19	1 5	3 4	1 50	23 9	0 4	F 14
S 15	18 26	22 2	4 55	25 25	2 49	2 13	0 30	16 50	1 47	2 23	1 5	3 2	1 50	23 9	0 4	S 15
S 16	18 41	17 51	4 27	25 27	2 46	2 29	0 37	16 44	1 49	2 27	1 5	3 0	1 51	23 9	0 4	S 16
M17	18 56	13 2	3 48	25 28	2 43	2 45	0 43	16 38	1 51	2 31	1 5	2 58	1 51	23 10	0 4	M17
T 18	19 10	7 47	2 59	25 27	2 39	3 1	0 49	16 32	1 53	2 35	1 6	2 56	1 51	23 10	0 4	T 18
W19	19 24	2 16	2 2	25 24	2 33	3 18	0 55	16 27	1 54	2 39	1 6	2 55	1 51	23 10	0 4	W19
T 20	19 38	3n23	1 0	25 19	2 27	3 35	1 1	16 21	1 56	2 43	1 6	2 53	1 52	23 10	0 4	T 20
F 21	19 51	8 59	0n 6	25 12	2 19	3 52	1 6	16 15	1 58	2 47	1 6	2 51	1 52	23 11	0 4	F 21
S 22	20 4	14 20	1 12	25 3	2 9	4 10	1 11	16 10	2 0	2 51	1 6	2 50	1 52	23 11	0 4	S 22
S 23	20 16	19 13	2 15	24 52	1 59	4 28	1 16	16 5	2 2	2 55	1 6	2 48	1 52	23 11	0 4	S 23
M24	20 29	23 20	3 14	24 38	1 46	4 46	1 21	15 59	2 4	2 59	1 7	2 46	1 52	23 11	0 4	M24
T 25	20 40	26 21	4 3	24 22	1 32	5 4	1 26	15 54	2 6	3 3	1 7	2 45	1 53	23 11	0 4	T 25
W26	20 52	27 59	4 40	24 3	1 17	5 23	1 31	15 49	2 8	3 6	1 7	2 43	1 53	23 12	0 4	W26
T 27	21 3	27 59	5 3	23 42	1 0	5 42	1 35	15 44	2 10	3 10	1 7	2 42	1 53	23 12	0 4	T 27
F 28	21 14	26 18	5 8	23 18	0 42	6 1	1 39	15 40	2 12	3 14	1 7	2 40	1 53	23 12	0 4	F 28
S 29	21 24	23 2	4 56	22 52	0 22	6 20	1 43	15 35	2 13	3 17	1 7	2 39	1 54	23 12	0 4	S 29
S 30	21s34	18n25	4n26	22s24	0s 2	6s39	1n47	15n31	2n16	3s21	1n 8	2n37	1n54	23s13	0s 4	S 30

Julian Day Number = 2691448.5, Delta T = 24m04s  
Ecliptic obliquity = 23°21'23, Nutation = - 0°00'07  
Ayanamsha: Fagan/Bradley = 33°55'42, Lahiri = 33°02'42

# ASTRODIENST EPHEMERIS for the year 2656

DECEMBER 2656

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	4 41 14	8°59'04	5°45'	12°R24	22°25'	24°36'	11°17'	27°51'	22°24'	6°14'	9°R44	21°D10	19°Y45	22°K26	8°R 9	M 1
T 2	4 45 10	9°59'37	19°52'	11°3'	23°28'	24°54'	11°27'	27°55'	22°28'	6°15'	9°S43	21°Y11	19°42'	22°33'	8°Y 8	T 2
W 3	4 49 7	11° 0'12	4°2'	9°42'	24°31'	25°12'	11°36'	27°59'	22°31'	6°17'	9°42'	21°12'	19°39'	22°39'	8° 7	W 3
T 4	4 53 3	12° 0'49	18°14'	8°22'	25°34'	25°29'	11°45'	28° 3'	22°35'	6°18'	9°41'	21°R13	19°35'	22°46'	8° 7	T 4
F 5	4 57 0	13° 1'27	2°25'	7° 7'	26°38'	25°46'	11°54'	28° 6'	22°39'	6°20'	9°40'	21°12'	19°32'	22°53'	8° 6	F 5
S 6	5 0 57	14° 2'07	16°33'	5°58'	27°42'	26° 2'	12° 3'	28°10'	22°42'	6°21'	9°39'	21° 9'	19°29'	22°59'	8° 5	S 6
S 7	5 4 53	15° 2'49	0°34'	4°59'	28°46'	26°18'	12°12'	28°13'	22°46'	6°23'	9°38'	21° 4'	19°26'	23° 6'	8° 4	S 7
M 8	5 8 50	16° 3'31	14°24'	4°10'	29°50'	26°33'	12°21'	28°17'	22°50'	6°24'	9°37'	20°57'	19°23'	23°13'	8° 4	M 8
T 9	5 12 46	17° 4'16	27°58'	3°32'	0°M55	26°47'	12°29'	28°20'	22°53'	6°26'	9°36'	20°47'	19°20'	23°19'	8° 3	T 9
W10	5 16 43	18° 5'01	11°15'	3° 5'	2° 0'	27° 1'	12°38'	28°23'	22°57'	6°28'	9°35'	20°36'	19°16'	23°26'	8° 3	W10
T 11	5 20 39	19° 5'48	24°13'	2°51'	3° 6'	27°15'	12°46'	28°26'	23° 1'	6°29'	9°34'	20°26'	19°13'	23°33'	8° 2	T 11
F 12	5 24 36	20° 6'35	6°51'	2°D47	4°11'	27°28'	12°55'	28°29'	23° 4'	6°31'	9°32'	20°17'	19°10'	23°39'	8° 2	F 12
S 13	5 28 33	21° 7'24	19°11'	2°54'	5°17'	27°40'	13° 3'	28°32'	23° 8'	6°33'	9°31'	20°10'	19° 7'	23°46'	8° 1	S 13
S 14	5 32 29	22° 8'13	1°16'	3°10'	6°23'	27°51'	13°11'	28°35'	23°12'	6°34'	9°30'	20° 5'	19° 4'	23°53'	8° 1	S 14
M15	5 36 26	23° 9'03	13°11'	3°36'	7°30'	28° 3'	13°19'	28°38'	23°15'	6°36'	9°29'	20° 2'	19° 0'	23°59'	8° 1	M15
T 16	5 40 22	24° 9'54	25° 0'	4° 9'	8°36'	28°13'	13°26'	28°40'	23°19'	6°38'	9°28'	20°D 2	18°57'	24° 6'	8° 1	T 16
W17	5 44 19	25°10'46	6°Y49	4°50'	9°43'	28°23'	13°34'	28°43'	23°23'	6°40'	9°27'	20° 2'	18°54'	24°13'	8° 0	W17
T 18	5 48 15	26°11'38	18°43'	5°37'	10°50'	28°32'	13°41'	28°45'	23°26'	6°42'	9°26'	20°R 3	18°51'	24°19'	8° 0	T 18
F 19	5 52 12	27°12'31	0°B48	6°29'	11°58'	28°40'	13°49'	28°47'	23°30'	6°43'	9°24'	20° 2'	18°48'	24°26'	8°D 0	F 19
S 20	5 56 8	28°13'25	13° 8'	7°27'	13° 5'	28°48'	13°56'	28°50'	23°34'	6°45'	9°23'	20° 0'	18°45'	24°33'	8° 0	S 20
S 21	6 0 5	29°14'20	25°46'	8°29'	14°13'	28°55'	14° 3'	28°52'	23°37'	6°47'	9°22'	19°54'	18°41'	24°39'	8° 0	S 21
M22	6 4 2	0°S15'15	8°II46	9°34'	15°21'	29° 2'	14°10'	28°54'	23°41'	6°49'	9°21'	19°47'	18°38'	24°46'	8° 1	M22
T 23	6 7 58	1°16'12	22° 7'	10°43'	16°29'	29° 8'	14°17'	28°56'	23°45'	6°51'	9°20'	19°36'	18°35'	24°53'	8° 1	T 23
W24	6 11 55	2°17'09	5°E48	11°55'	17°37'	29°13'	14°23'	28°57'	23°48'	6°53'	9°19'	19°25'	18°32'	24°59'	8° 1	W24
T 25	6 15 51	3°18'07	19°46'	13° 9'	18°46'	29°17'	14°30'	28°59'	23°52'	6°55'	9°17'	19°12'	18°29'	25° 6'	8° 1	T 25
F 26	6 19 48	4°19'05	3°L55	14°25'	19°55'	29°21'	14°36'	29° 0'	23°56'	6°57'	9°16'	19° 1'	18°26'	25°13'	8° 2	F 26
S 27	6 23 44	5°20'05	18°11'	15°43'	21° 3'	29°24'	14°42'	29° 2'	23°59'	6°59'	9°15'	18°52'	18°22'	25°19'	8° 2	S 27
S 28	6 27 41	6°21'05	2°M28	17° 3'	22°13'	29°26'	14°49'	29° 3'	24° 3'	7° 1'	9°14'	18°45'	18°19'	25°26'	8° 3	S 28
M29	6 31 37	7°22'06	16°43'	18°24'	23°22'	29°27'	14°54'	29° 4'	24° 7'	7° 3'	9°13'	18°42'	18°16'	25°33'	8° 3	M29
T 30	6 35 34	8°23'08	0°A53	19°47'	24°31'	29°R28	15° 0'	29° 6'	24°10'	7° 5'	9°11'	18°40'	18°13'	25°39'	8° 4	T 30
W31	6 39 31	9°24'11	14°A56	21°10'	25°M41	29°L27	15° 6'	29°M 7	24°14'	7° 7'	9°S10	18°Y40	18°Y10	25°K46	8°Y 4	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	21s43	12n47	3n40	21s54	0n18	6s59	1n51	15n26	2n18	3s25	1n 8	2n36	1n54	23s13	0s 4	18s20
T 2	21 52	6 28	2 41	21 23	0 39	7 18	1 55	15 22	2 20	3 28	1 8	2 34	1 54	23 13	0 4	18 20
W 3	22 1	0s12	1 31	20 52	0 59	7 38	1 58	15 18	2 22	3 32	1 8	2 33	1 55	23 13	0 4	18 19
T 4	22 9	6 53	0 16	20 21	1 17	7 58	2 1	15 14	2 24	3 35	1 8	2 32	1 55	23 13	0 4	18 19
F 5	22 17	13 13	1s 0	19 52	1 35	8 18	2 4	15 11	2 26	3 38	1 9	2 31	1 55	23 14	0 4	18 19
S 6	22 24	18 50	2 12	19 25	1 50	8 38	2 7	15 7	2 28	3 42	1 9	2 30	1 55	23 14	0 4	18 18
S 7	22 31	23 22	3 15	19 2	2 4	8 58	2 10	15 4	2 30	3 45	1 9	2 28	1 56	23 14	0 4	18 18
M 8	22 38	26 31	4 6	18 42	2 15	9 18	2 13	15 1	2 32	3 48	1 9	2 27	1 56	23 14	0 4	18 18
T 9	22 44	28 2	4 41	18 26	2 24	9 38	2 15	14 58	2 34	3 51	1 9	2 26	1 56	23 14	0 4	18 17
W10	22 49	27 52	5 1	18 14	2 31	9 58	2 18	14 55	2 37	3 54	1 10	2 25	1 56	23 15	0 4	18 17
T 11	22 55	26 11	5 4	18 7	2 36	10 19	2 20	14 52	2 39	3 57	1 10	2 24	1 57	23 15	0 5	18 16
F 12	22 59	23 12	4 52	18 3	2 39	10 39	2 22	14 50	2 41	4 0	1 10	2 23	1 57	23 15	0 5	18 16
S 13	23 4	19 14	4 27	18 3	2 40	10 59	2 24	14 48	2 43	4 3	1 10	2 22	1 57	23 15	0 5	18 16
S 14	23 7	14 34	3 50	18 6	2 40	11 19	2 25	14 46	2 46	4 6	1 10	2 21	1 57	23 15	0 5	18 15
M15	23 11	9 25	3 4	18 12	2 38	11 39	2 27	14 44	2 48	4 9	1 11	2 21	1 58	23 16	0 5	18 15
T 16	23 14	3 58	2 10	18 21	2 36	11 59	2 28	14 43	2 50	4 12	1 11	2 20	1 58	23 16	0 5	18 14
W17	23 16	1n37	1 10	18 32	2 32	12 18	2 30	14 42	2 53	4 15	1 11	2 19	1 58	23 16	0 5	18 14
T 18	23 18	7 12	0 7	18 45	2 28	12 38	2 31	14 41	2 55	4 17	1 11	2 18	1 58	23 16	0 5	18 13
F 19	23 20	12 36	0n57	18 59	2 22	12 58	2 32	14 40	2 57	4 20	1 11	2 18	1 59	23 16	0 5	18 13
S 20	23 21	17 37	2 0	19 14	2 17	13 17	2 33	14 40	3 0	4 23	1 12	2 17	1 59	23 17	0 5	18 13
S 21	23 21	22 1	2 58	19 30	2 10	13 36	2 34	14 39	3 2	4 25	1 12	2 17	1 59	23 17	0 5	18 12
M22	23 21	25 27	3 48	19 46	2 4	13 55	2 34	14 39	3 5	4 28	1 12	2 16	2 0	23 17	0 5	18 12
T 23	23 21	27 35	4 28	20 3	1 56	14 14	2 35	14 40	3 7	4 30	1 12	2 16	2 0	23 17	0 5	18 11
W24	23 20	28 6	4 53	20 20	1 49	14 33	2 35	14 40	3 10	4 32	1 13	2 15	2 0	23 17	0 5	18 11
T 25	23 19	26 52	5 1	20 37	1 42	14 51	2 35	14 41	3 12	4 35	1 13	2 15	2 0	23 18	0 5	18 10
F 26	23 17	23 55	4 51	20 54	1 34	15 10	2 35	14 42	3 14	4 37	1 13	2 14	2 1	23 18	0 5	18 10
S 27	23 15	19 30	4 23	21 10	1 26	15 28	2 35	14 43	3 17	4 39	1 13	2 14	2 1	23 18	0 5	18 9
S 28	23 12	13 57	3 39	21 26	1 18	15 45	2 35	14 45	3 19	4 41	1 13	2 14	2 1	23 18	0 5	18 9
M29	23 9	7 41	2 40	21 41	1 10	16 3	2 35	14 47	3 22	4 43	1 14	2 14	2 1	23 18	0 5	18 8
T 30	23 6	1 4	1 33	21 56	1 2	16 20	2 35	14 49	3 24	4 45	1 14	2 13	2 2	23 18	0 5	18 8
W31	23s 1	5s34	0n20	22s10	0n54	16s37	2n34	14n51	3n27	4s47	1n14	2n13	2n 2	23s19	0s 5	18s 7

Julian Day Number = 2691478.5, Delta T = 24m04s  
 Ecliptic obliquity = 23°21'23, Nutation = - 0°00'07  
 Ayanamsha: Fagan/Bradley = 33°55'46, Lahiri = 33°02'46

## ASTRODIENST EPHEMERIS for the year 2657

JANUARY 2657

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 43 27	10°25'15	28°53	22°35	26°50	29°R26	15°11	29°7	24°17	7°9	9°R 9	18°R40	18°Y 6	25°X53	8°Y 5	T 1
F 2	6 47 24	11°26'20	12°M42	24° 0	28° 0	29°R25	15°16	29° 8	24°21	7°11	9°8	18°Y38	18° 3	25°59	8° 6	F 2
S 3	6 51 20	12°27'26	26°24	25°27	29°10	29°22	15°22	29° 9	24°25	7°13	9° 7	18°34	18° 0	26° 6	8° 7	S 3
S 4	6 55 17	13°28'32	9°X58	26°54	0°X20	29°18	15°27	29° 9	24°28	7°15	9° 5	18°27	17°57	26°13	8° 7	S 4
M 5	6 59 13	14°29'39	23°23	28°21	1°31	29°14	15°31	29°10	24°32	7°17	9° 4	18°16	17°54	26°19	8° 8	M 5
T 6	7 3 10	15°30'46	6°Z36	29°49	2°41	29° 9	15°36	29°10	24°35	7°20	9° 3	18° 4	17°51	26°26	8° 9	T 6
W 7	7 7 6	16°31'53	19°35	1°Z18	3°51	29° 3	15°40	29°10	24°39	7°22	9° 2	17°50	17°47	26°33	8°10	W 7
T 8	7 11 3	17°33'01	2°X20	2°47	5° 2	28°56	15°45	29°R11	24°42	7°24	9° 1	17°36	17°44	26°39	8°11	T 8
F 9	7 15 0	18°34'09	14°50	4°16	6°13	28°49	15°49	29°10	24°46	7°26	9° 0	17°23	17°41	26°46	8°13	F 9
S 10	7 18 56	19°35'17	27° 5	5°46	7°23	28°40	15°53	29°10	24°49	7°28	8°58	17°12	17°38	26°53	8°14	S 10
S 11	7 22 53	20°36'25	9°X 8	7°17	8°34	28°31	15°56	29°10	24°52	7°30	8°57	17° 4	17°35	26°59	8°15	S 11
M12	7 26 49	21°37'33	21° 1	8°47	9°45	28°21	16° 0	29°10	24°56	7°33	8°56	16°59	17°32	27° 6	8°16	M12
T 13	7 30 46	22°38'41	2°Y49	10°19	10°57	28°10	16° 3	29° 9	24°59	7°35	8°55	16°57	17°28	27°12	8°18	T 13
W14	7 34 42	23°39'48	14°36	11°50	12° 8	27°58	16° 7	29° 9	25° 3	7°37	8°54	16°D57	17°25	27°19	8°19	W14
T 15	7 38 39	24°40'56	26°28	13°22	13°19	27°46	16°10	29° 8	25° 6	7°39	8°53	16°R57	17°22	27°26	8°20	T 15
F 16	7 42 35	25°42'03	8°Z31	14°54	14°30	27°32	16°13	29° 7	25° 9	7°42	8°51	16°56	17°19	27°32	8°22	F 16
S 17	7 46 32	26°43'09	20°51	16°27	15°42	27°18	16°15	29° 6	25°13	7°44	8°50	16°54	17°16	27°39	8°23	S 17
S 18	7 50 29	27°44'16	3°I31	18° 0	16°53	27° 3	16°18	29° 5	25°16	7°46	8°49	16°49	17°12	27°46	8°25	S 18
M19	7 54 25	28°45'22	16°35	19°34	18° 5	26°48	16°20	29° 4	25°19	7°48	8°48	16°42	17° 9	27°52	8°27	M19
T 20	7 58 22	29°46'28	0°6	21° 8	19°17	26°32	16°22	29° 3	25°22	7°51	8°47	16°32	17° 6	27°59	8°28	T 20
W21	8 2 18	0°47'33	14° 3	22°42	20°29	26°15	16°24	29° 2	25°25	7°53	8°46	16°21	17° 3	28° 6	8°30	W21
T 22	8 6 15	1°48'38	28°22	24°17	21°41	25°57	16°26	29° 0	25°29	7°55	8°45	16° 9	17° 0	28°12	8°32	T 22
F 23	8 10 11	2°49'43	12°Z57	25°52	22°53	25°39	16°28	28°59	25°32	7°57	8°44	15°57	16°57	28°19	8°34	F 23
S 24	8 14 8	3°50'48	27°40	27°28	24° 5	25°20	16°29	28°57	25°35	8° 0	8°43	15°48	16°53	28°26	8°36	S 24
S 25	8 18 5	4°51'52	12°M25	29° 4	25°17	25° 0	16°30	28°55	25°38	8° 2	8°42	15°41	16°50	28°32	8°38	S 25
M26	8 22 1	5°52'56	27° 3	0°X40	26°29	24°40	16°31	28°54	25°41	8° 4	8°40	15°38	16°47	28°39	8°40	M26
T 27	8 25 58	6°53'59	11°Z29	2°18	27°41	24°19	16°32	28°52	25°44	8° 6	8°39	15°D36	16°44	28°46	8°42	T 27
W28	8 29 54	7°55'03	25°42	3°55	28°53	23°58	16°33	28°50	25°47	8° 9	8°38	15°37	16°41	28°52	8°44	W28
T 29	8 33 51	8°56'06	9°M38	5°33	0°Z 6	23°36	16°33	28°47	25°50	8°11	8°37	15°R37	16°38	28°59	8°46	T 29
F 30	8 37 47	9°57'10	23°20	7°12	1°18	23°14	16°33	28°45	25°53	8°13	8°36	15°36	16°34	29° 6	8°48	F 30
S 31	8 41 44	10°58'13	6°X47	8°X52	2°Z31	22°Z52	16°R33	28°M43	25°X56	8°X16	8°Z35	15°Y33	16°Y31	29°X12	8°Y50	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	22s57	11s53	0s54	22s23	0n46	16s53	2n34	14n54	3n29	4s49	1n14	2n13	2n 2	23s19	0s 5	T 1
F 2	22 52	17 33	2 3	22 35	0 38	17 10	2 33	14 57	3 32	4 51	1 15	2 13	2 3	23 19	0 5	F 2
S 3	22 47	22 17	3 5	22 46	0 30	17 26	2 32	15 0	3 34	4 53	1 15	2 13	2 3	23 19	0 5	S 3
S 4	22 41	25 45	3 56	22 57	0 23	17 41	2 31	15 4	3 37	4 54	1 15	2 13	2 3	23 19	0 5	S 4
M 5	22 34	27 44	4 32	23 6	0 15	17 56	2 30	15 7	3 39	4 56	1 15	2 13	2 3	23 19	0 5	M 5
T 6	22 27	28 5	4 54	23 14	0 7	18 11	2 29	15 11	3 42	4 57	1 16	2 13	2 4	23 20	0 5	T 6
W 7	22 20	26 52	5 0	23 21	0s 0	18 26	2 28	15 16	3 44	4 59	1 16	2 13	2 4	23 20	0 5	W 7
T 8	22 13	24 17	4 50	23 27	0 8	18 40	2 27	15 21	3 47	5 0	1 16	2 14	2 4	23 20	0 5	T 8
F 9	22 4 20	34 4	2 27	23 32	0 15	18 53	2 25	15 25	3 49	5 2	1 16	2 14	2 5	23 20	0 5	F 9
S 10	21 56	16 3	3 51	23 36	0 22	19 6	2 24	15 31	3 51	5 3	1 17	2 14	2 5	23 20	0 5	S 10
S 11	21 47	10 59	3 6	23 38	0 29	19 19	2 22	15 36	3 54	5 4	1 17	2 15	2 5	23 20	0 5	S 11
M12	21 38	5 35	2 13	23 39	0 36	19 31	2 20	15 42	3 56	5 5	1 17	2 15	2 5	23 20	0 5	M12
T 13	21 28	0 1	1 14	23 39	0 42	19 43	2 19	15 48	3 58	5 6	1 17	2 15	2 6	23 21	0 5	T 13
W14	21 17	5n33	0 12	23 38	0 49	19 54	2 17	15 54	4 1	5 7	1 18	2 16	2 6	23 21	0 5	W14
T 15	21 7	10 58	0n50	23 36	0 55	20 5	2 15	16 0	4 3	5 8	1 18	2 16	2 6	23 21	0 5	T 15
F 16	20 56	16 4	1 52	23 32	1 1	20 15	2 13	16 7	4 5	5 9	1 18	2 17	2 6	23 21	0 5	F 16
S 17	20 44	20 37	2 49	23 27	1 7	20 25	2 11	16 14	4 7	5 10	1 18	2 18	2 7	23 21	0 5	S 17
S 18	20 33	24 23	3 40	23 21	1 12	20 35	2 9	16 21	4 9	5 10	1 19	2 18	2 7	23 21	0 5	S 18
M19	20 20	27 1	4 21	23 13	1 18	20 43	2 7	16 28	4 11	5 11	1 19	2 19	2 7	23 21	0 5	M19
T 20	20 8	28 11	4 49	23 4	1 23	20 52	2 4	16 36	4 13	5 12	1 19	2 20	2 8	23 21	0 5	T 20
W21	19 55	27 36	5 1	22 54	1 28	20 59	2 2	16 43	4 15	5 12	1 20	2 20	2 8	23 22	0 5	W21
T 22	19 41	25 13	4 55	22 42	1 32	21 6	2 0	16 51	4 17	5 13	1 20	2 21	2 8	23 22	0 5	T 22
F 23	19 28	21 10	4 29	22 29	1 37	21 13	1 57	16 59	4 19	5 13	1 20	2 22	2 8	23 22	0 5	F 23
S 24	19 13	15 46	3 45	22 15	1 41	21 19	1 54	17 7	4 20	5 13	1 20	2 23	2 9	23 22	0 5	S 24
S 25	18 59	9 27	2 46	21 59	1 45	21 25	1 52	17 15	4 22	5 13	1 21	2 24	2 9	23 22	0 5	S 25
M26	18 44	2 39	1 37	21 42	1 48	21 29	1 49	17 24	4 24	5 14	1 21	2 25	2 9	23 22	0 5	M26
T 27	18 29	4s12	0 22	21 24	1 52	21 34	1 47	17 32	4 25	5 14	1 21	2 26	2 9	23 22	0 5	T 27
W28	18 14	10 44	0s53	21 4	1 55	21 37	1 44	17 40	4 26	5 14	1 21	2 27	2 10	23 22	0 5	W28
T 29	17 58	16 37	2 4	20 43	1 57	21 40	1 41	17 49	4 28	5 14	1 22	2 28	2 10	23 22	0 5	T 29
F 30	17 42	21 33	3 7	20 20	2 0	21 43	1 38	17 57	4 29	5 13	1 22	2 29	2 10	23 23	0 5	F 30
S 31	17s25	25s16	3s57	19s56	2s 2	21s45	1n35	18n 6	4n30	5s13	1n22	2n30	2n10	23s23	0s 5	S 31

Julian Day Number = 2691509.5, Delta T = 24m05s

Ecliptic obliquity = 23°21'22, Nutation = - 0°00'05

Ayanamsha: Fagan/Bradley = 33°55'51, Lahiri = 33°02'51

# ASTRODIENST EPHEMERIS for the year 2657

FEBRUARY 2657

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 45 40	11°59'16	20°2'2	10°31	3°43	22°R29	16°R33	28°R40	25°259	8°18	8°R34	15°R28	16°V28	29°H19	8°V52	S 1
M 2	8 49 37	13° 0'18	3°3 4	12°12	4°56	22°Ω 6	16°Δ33	28°Π38	26° 1	8°20	8°Ω33	15°V19	16°25	29°26	8°55	M 2
T 3	8 53 34	14° 1'20	15°54	13°53	6° 9	21°42	16°32	28°35	26° 4	8°22	8°33	15° 9	16°22	29°32	8°57	T 3
W 4	8 57 30	15° 2'21	28°33	15°35	7°21	21°19	16°32	28°33	26° 7	8°25	8°32	14°57	16°18	29°39	8°59	W 4
T 5	9 1 27	16° 3'22	11°0 0	17°17	8°34	20°55	16°31	28°30	26°10	8°27	8°31	14°46	16°15	29°45	9° 2	T 5
F 6	9 5 23	17° 4'22	23°17	19° 0	9°47	20°31	16°30	28°27	26°12	8°29	8°30	14°35	16°12	29°52	9° 4	F 6
S 7	9 9 20	18° 5'20	5°H23	20°43	11° 0	20° 7	16°28	28°24	26°15	8°31	8°29	14°26	16° 9	29°59	9° 7	S 7
S 8	9 13 16	19° 6'18	17°20	22°28	12°13	19°43	16°27	28°21	26°17	8°34	8°28	14°20	16° 6	0°V 5	9° 9	S 8
M 9	9 17 13	20° 7'15	29°10	24°12	13°26	19°19	16°25	28°18	26°20	8°36	8°27	14°16	16° 3	0°12	9°12	M 9
T 10	9 21 9	21° 8'11	10°V56	25°57	14°39	18°55	16°23	28°14	26°22	8°38	8°26	14°D15	15°59	0°19	9°14	T 10
W 11	9 25 6	22° 9'06	22°43	27°43	15°52	18°31	16°21	28°11	26°25	8°40	8°25	14°15	15°56	0°25	9°17	W 11
T 12	9 29 3	23° 9'59	4°B34	29°29	17° 5	18° 7	16°19	28° 8	26°27	8°43	8°25	14°16	15°53	0°32	9°20	T 12
F 13	9 32 59	24°10'51	16°35	1°H16	18°18	17°43	16°17	28° 4	26°30	8°45	8°24	14°17	15°50	0°39	9°22	F 13
S 14	9 36 56	25°11'42	28°51	3° 2	19°31	17°20	16°14	28° 0	26°32	8°47	8°23	14°R17	15°47	0°45	9°25	S 14
S 15	9 40 52	26°12'32	11°II27	4°49	20°44	16°57	16°11	27°57	26°34	8°49	8°22	14°16	15°44	0°52	9°28	S 15
M 16	9 44 49	27°13'20	24°28	6°37	21°57	16°35	16° 8	27°53	26°37	8°51	8°22	14°13	15°40	0°59	9°31	M 16
T 17	9 48 45	28°14'07	7°Ω56	8°24	23°11	16°12	16° 5	27°49	26°39	8°54	8°21	14° 7	15°37	1° 5	9°33	T 17
W 18	9 52 42	29°14'53	21°54	10°10	24°24	15°51	16° 2	27°45	26°41	8°56	8°20	14° 1	15°34	1°12	9°36	W 18
T 19	9 56 38	0°H15'37	6°Ω19	11°57	25°37	15°29	15°58	27°42	26°43	8°58	8°19	13°54	15°31	1°19	9°39	T 19
F 20	10 0 35	1°16'20	21° 5	13°42	26°50	15° 8	15°55	27°38	26°45	9° 0	8°19	13°47	15°28	1°25	9°42	F 20
S 21	10 4 32	2°17'01	6°Π 6	15°27	28° 4	14°48	15°51	27°34	26°47	9° 2	8°18	13°41	15°24	1°32	9°45	S 21
S 22	10 8 28	3°17'41	21°13	17°11	29°17	14°28	15°47	27°29	26°49	9° 4	8°17	13°37	15°21	1°39	9°48	S 22
M 23	10 12 25	4°18'20	6°Δ15	18°52	0°Ω30	14° 9	15°43	27°25	26°51	9° 6	8°17	13°35	15°18	1°45	9°51	M 23
T 24	10 16 21	5°18'57	21° 5	20°32	1°44	13°50	15°38	27°21	26°53	9° 9	8°16	13°D35	15°15	1°52	9°54	T 24
W 25	10 20 18	6°19'34	5°Π36	22° 9	2°57	13°32	15°34	27°17	26°55	9°11	8°16	13°36	15°12	1°58	9°57	W 25
T 26	10 24 14	7°20'09	19°46	23°43	4°11	13°15	15°29	27°12	26°57	9°13	8°15	13°38	15° 9	2° 5	10° 0	T 26
F 27	10 28 11	8°20'44	3°H34	25°13	5°24	12°58	15°24	27° 8	26°59	9°15	8°15	13°R39	15° 5	2°12	10° 4	F 27
S 28	10 32 7	9°H21'17	17°H 1	26°H39	6°Ω38	12°Ω43	15°Δ19	27°Π 4	27°H 0	9°Δ17	8°Ω14	13°V39	15°V 2	2°V18	10°V 7	S 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	17s 8	27s33	4s35	19s31	2s 3	21s46	1n32	18n14	4n31	5s13	1n22	2n31	2n11	23s23	0s 5	17s50
M 2	16 51	28 16	4 57	19 4	2 4	21 47	1 29	18 23	4 32	5 13	1 23	2 33	2 11	23 23	0 5	17 49
T 3	16 34	27 26	5 3	18 36	2 5	21 47	1 26	18 31	4 32	5 12	1 23	2 34	2 11	23 23	0 5	17 48
W 4	16 16	25 12	4 55	18 7	2 6	21 46	1 23	18 39	4 33	5 12	1 23	2 35	2 11	23 23	0 5	17 48
T 5	15 58	21 47	4 33	17 36	2 6	21 45	1 20	18 48	4 34	5 11	1 23	2 37	2 12	23 23	0 5	17 47
F 6	15 40	17 27	3 58	17 4	2 6	21 43	1 17	18 56	4 34	5 10	1 24	2 38	2 12	23 23	0 5	17 47
S 7	15 21	12 30	3 13	16 30	2 5	21 40	1 14	19 4	4 34	5 10	1 24	2 39	2 12	23 23	0 5	17 46
S 8	15 3	7 8	2 19	15 56	2 4	21 37	1 11	19 12	4 34	5 9	1 24	2 41	2 12	23 23	0 5	17 46
M 9	14 44	1 33	1 20	15 19	2 2	21 33	1 8	19 19	4 35	5 8	1 24	2 42	2 12	23 24	0 5	17 45
T 10	14 24	4n 3	0 18	14 42	2 0	21 29	1 5	19 27	4 35	5 7	1 25	2 44	2 13	23 24	0 5	17 44
W 11	14 5	9 31	0n46	14 3	1 57	21 24	1 1	19 34	4 34	5 6	1 25	2 45	2 13	23 24	0 5	17 44
T 12	13 45	14 41	1 47	13 23	1 54	21 18	0 58	19 42	4 34	5 5	1 25	2 47	2 13	23 24	0 5	17 43
F 13	13 25	19 23	2 46	12 42	1 50	21 12	0 55	19 48	4 34	5 4	1 25	2 48	2 13	23 24	0 5	17 43
S 14	13 5	23 22	3 37	11 59	1 45	21 5	0 52	19 55	4 33	5 3	1 26	2 50	2 13	23 24	0 5	17 42
S 15	12 44	26 22	4 20	11 16	1 40	20 58	0 48	20 2	4 33	5 1	1 26	2 52	2 14	23 24	0 5	17 42
M 16	12 24	28 5	4 51	10 31	1 35	20 50	0 45	20 8	4 32	5 0	1 26	2 53	2 14	23 24	0 5	17 41
T 17	12 3	28 14	5 7	9 46	1 28	20 41	0 42	20 14	4 31	4 59	1 26	2 55	2 14	23 24	0 5	17 40
W 18	11 42	26 37	5 6	8 59	1 21	20 32	0 39	20 20	4 30	4 57	1 27	2 57	2 14	23 24	0 5	17 40
T 19	11 21	23 14	4 46	8 12	1 14	20 22	0 36	20 25	4 29	4 55	1 27	2 58	2 14	23 24	0 5	17 39
F 20	10 59	18 18	4 6	7 23	1 5	20 11	0 32	20 31	4 28	4 54	1 27	3 0	2 15	23 24	0 5	17 39
S 21	10 38	12 10	3 9	6 35	0 56	20 0	0 29	20 35	4 27	4 52	1 27	3 2	2 15	23 24	0 5	17 38
S 22	10 16	5 17	1 59	5 46	0 47	19 49	0 26	20 40	4 26	4 50	1 28	3 4	2 15	23 24	0 5	17 38
M 23	9 54	1s52	0 40	4 57	0 36	19 36	0 23	20 45	4 24	4 49	1 28	3 5	2 15	23 25	0 5	17 37
T 24	9 32	8 50	0s41	4 7	0 25	19 23	0 19	20 49	4 23	4 47	1 28	3 7	2 15	23 25	0 5	17 37
W 25	9 10	15 11	1 57	3 18	0 13	19 10	0 16	20 53	4 22	4 45	1 28	3 9	2 15	23 25	0 5	17 36
T 26	8 47	20 35	3 5	2 30	0 1	18 56	0 13	20 56	4 20	4 43	1 28	3 11	2 16	23 25	0 5	17 35
F 27	8 25	24 43	3 59	1 42	0n12	18 42	0 10	20 59	4 18	4 41	1 29	3 13	2 16	23 25	0 5	17 35
S 28	8s 2	27s22	4s39	0s56	0n26	18s27	0n 7	21n 2	4n17	4s39	1n29	3n15	2n16	23s25	0s 5	17s34

Julian Day Number = 2691540.5, Delta T = 24m05s  
Ecliptic obliquity = 23°21'23, Nutation = - 0°00'03  
Ayanamsha: Fagan/Bradley = 33°55'55, Lahiri = 33°02'55

## ASTRODIENST EPHEMERIS for the year 2657

MARCH 2657

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 36 4	10°11'49	0°37' 7	28°11' 0	7°55' 1	12°R27	15°R14	26°R59	27°12' 2	9°19' 19	8°R14	13°R37	14°V59	2°V25	10°V10	S 1
M 2	10 40 1	11°22'20	12°57' 2	29°16' 5	9° 5	12°R13	15°R 9	26°R55	27° 4	9°21' 8	8°R13	13°V34	14°56	2°32	10°13	M 2
T 3	10 43 57	12°22'50	25°32' 0	0°V25	10°18	11°59	15° 3	26°50	27° 5	9°23' 8	8°13	13°29	14°53	2°38	10°16	T 3
W 4	10 47 54	13°23'18	7°55' 4	1°27	11°32	11°46	14°58	26°46	27° 7	9°25' 8	8°12	13°24	14°50	2°45	10°20	W 4
T 5	10 51 50	14°23'45	20° 6	2°22	12°46	11°34	14°52	26°41	27° 8	9°27' 8	8°12	13°19	14°46	2°52	10°23	T 5
F 6	10 55 47	15°24'10	2°11' 9	3° 8	13°59	11°22	14°46	26°36	27°10	9°29' 8	8°12	13°14	14°43	2°58	10°26	F 6
S 7	10 59 43	16°24'34	14° 5	3°46	15°13	11°12	14°40	26°32	27°11	9°31' 8	8°11	13°10	14°40	3° 5	10°29	S 7
S 8	11 3 40	17°24'56	25°56	4°15	16°27	11° 2	14°34	26°27	27°12	9°33' 8	8°11	13° 7	14°37	3°12	10°33	S 8
M 9	11 7 36	18°25'16	7°V43	4°34	17°40	10°53	14°28	26°22	27°13	9°34' 8	8°11	13°D 6	14°34	3°18	10°36	M 9
T 10	11 11 33	19°25'34	19°30	4°R43	18°54	10°44	14°21	26°18	27°15	9°36' 8	8°10	13° 6	14°30	3°25	10°40	T 10
W 11	11 15 30	20°25'51	1°18	4°43	20° 8	10°37	14°15	26°13	27°16	9°38' 8	8°10	13° 7	14°27	3°32	10°43	W 11
T 12	11 19 26	21°26'06	13°12	4°33	21°21	10°30	14° 8	26° 8	27°17	9°40' 8	8°10	13° 8	14°24	3°38	10°46	T 12
F 13	11 23 23	22°26'19	25°14	4°14	22°35	10°24	14° 2	26° 3	27°18	9°42' 8	8° 9	13°10	14°21	3°45	10°50	F 13
S 14	11 27 19	23°26'30	7°II30	3°47	23°49	10°19	13°55	25°58	27°19	9°44' 8	8° 9	13°11	14°18	3°51	10°53	S 14
S 15	11 31 16	24°26'39	20° 3	3°11	25° 3	10°15	13°48	25°54	27°20	9°45' 8	8° 9	13°R12	14°15	3°58	10°57	S 15
M 16	11 35 12	25°26'46	2°58	2°28	26°16	10°11	13°41	25°49	27°21	9°47' 8	8° 9	13°12	14°11	4° 5	11° 0	M 16
T 17	11 39 9	26°26'51	16°19	1°39	27°30	10° 9	13°34	25°44	27°22	9°49' 8	8° 9	13°11	14° 8	4°11	11° 4	T 17
W 18	11 43 5	27°26'54	0°12	0°46	28°44	10° 7	13°27	25°39	27°22	9°50' 8	8° 9	13°10	14° 5	4°18	11° 7	W 18
T 19	11 47 2	28°26'55	14°22	29°11	29°58	10° 5	13°19	25°34	27°23	9°52' 8	8° 9	13° 8	14° 2	4°25	11°11	T 19
F 20	11 50 59	29°26'53	29° 3	28°50	1°12	10°D 5	13°12	25°30	27°24	9°54' 8	8° 9	13° 6	13°59	4°31	11°14	F 20
S 21	11 54 55	0°V26'50	14°11	3	27°50	2°25	13° 5	25°25	27°25	9°55' 8	8° 9	13° 4	13°56	4°38	11°18	S 21
S 22	11 58 52	1°26'44	29°15	26°51	3°39	10° 6	12°57	25°20	27°25	9°57' 8	8°D 9	13° 4	13°52	4°45	11°21	S 22
M 23	12 2 48	2°26'37	14°12	25°54	4°53	10° 8	12°50	25°15	27°26	9°59' 8	8° 9	13°D 3	13°49	4°51	11°25	M 23
T 24	12 6 45	3°26'27	29°36	25° 0	6° 7	10°10	12°42	25°11	27°26	10° 0	8° 9	13° 4	13°46	4°58	11°28	T 24
W 25	12 10 41	4°26'16	14°11	24° 9	7°21	10°13	12°35	25° 6	27°27	10° 2	8° 9	13° 4	13°43	5° 5	11°32	W 25
T 26	12 14 38	5°26'04	28°53	23°24	8°34	10°17	12°27	25° 1	27°27	10° 3	8° 9	13° 5	13°40	5°11	11°35	T 26
F 27	12 18 34	6°25'49	12°15	22°44	9°48	10°22	12°19	24°57	27°27	10° 5	8° 9	13° 6	13°36	5°18	11°39	F 27
S 28	12 22 31	7°25'34	26°30	22°10	11° 2	10°27	12°12	24°52	27°27	10° 6	8° 9	13° 6	13°33	5°25	11°42	S 28
S 29	12 26 27	8°25'16	9°34	21°41	12°16	10°32	12° 4	24°47	27°28	10° 7	8° 9	13°R 6	13°30	5°31	11°46	S 29
M 30	12 30 24	9°24'57	22°28	21°19	13°30	10°39	11°56	24°43	27°28	10° 9	8° 9	13° 6	13°27	5°38	11°49	M 30
T 31	12 34 21	10°V24'36	4°57	21°11	14°44	10°46	11°48	24°38	27°28	10°10	8°9	13°V 6	13°V24	5°V44	11°V53	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	7s39	28s25	5s 4	0s11	0n40	18s11	0n 4	21n 5	4n15	4s37	1n29	3n17	2n16	23s25	0s 5	S 1
M 2	7 17	27 55	5 12	0n32	0 54	17 55	0 0	21 7	4 13	4 34	1 29	3 18	2 16	23 25	0 5	M 2
T 3	6 54	25 58	5 6	1 13	1 9	17 38	0s 3	21 10	4 11	4 32	1 29	3 20	2 16	23 25	0 5	T 3
W 4	6 30	22 49	4 45	1 51	1 24	17 21	0 6	21 11	4 9	4 30	1 30	3 22	2 16	23 25	0 5	W 4
T 5	6 7	18 42	4 11	2 27	1 38	17 4	0 9	21 13	4 7	4 27	1 30	3 24	2 17	23 25	0 5	T 5
F 6	5 44	13 53	3 26	2 59	1 53	16 46	0 12	21 14	4 5	4 25	1 30	3 26	2 17	23 25	0 6	F 6
S 7	5 21	8 36	2 33	3 27	2 8	16 27	0 15	21 15	4 3	4 22	1 30	3 28	2 17	23 25	0 6	S 7
S 8	4 57	3 2	1 33	3 51	2 22	16 8	0 18	21 16	4 1	4 20	1 30	3 30	2 17	23 25	0 6	S 8
M 9	4 34	2n36	0 30	4 11	2 35	15 48	0 20	21 17	3 59	4 17	1 31	3 32	2 17	23 25	0 6	M 9
T 10	4 10	8 9	0n35	4 27	2 48	15 28	0 23	21 17	3 57	4 15	1 31	3 34	2 17	23 25	0 6	T 10
W 11	3 47	13 26	1 39	4 37	3 0	15 8	0 26	21 17	3 55	4 12	1 31	3 36	2 17	23 25	0 6	W 11
T 12	3 23	18 16	2 39	4 43	3 10	14 47	0 29	21 17	3 53	4 9	1 31	3 38	2 17	23 25	0 6	T 12
F 13	2 59	22 26	3 32	4 44	3 19	14 26	0 32	21 16	3 51	4 7	1 31	3 40	2 17	23 25	0 6	F 13
S 14	2 36	25 43	4 17	4 39	3 26	14 4	0 34	21 15	3 48	4 4	1 31	3 42	2 17	23 25	0 6	S 14
S 15	2 12	27 49	4 51	4 30	3 32	13 42	0 37	21 15	3 46	4 1	1 31	3 44	2 17	23 25	0 6	S 15
M 16	1 48	28 31	5 11	4 17	3 35	13 20	0 39	21 13	3 44	3 58	1 31	3 46	2 18	23 25	0 6	M 16
T 17	1 24	27 36	5 16	3 59	3 37	12 57	0 42	21 12	3 42	3 56	1 32	3 48	2 18	23 25	0 6	T 17
W 18	1 1	24 59	5 3	3 37	3 36	12 34	0 44	21 10	3 40	3 53	1 32	3 50	2 18	23 26	0 6	W 18
T 19	0 37	20 47	4 31	3 12	3 34	12 11	0 47	21 9	3 37	3 50	1 32	3 52	2 18	23 26	0 6	T 19
F 20	0 13	15 13	3 41	2 44	3 29	11 47	0 49	21 7	3 35	3 47	1 32	3 54	2 18	23 26	0 6	F 20
S 21	0n11	8 37	2 34	2 14	3 23	11 23	0 52	21 4	3 33	3 44	1 32	3 56	2 18	23 26	0 6	S 21
S 22	0 34	1 27	1 16	1 43	3 14	10 58	0 54	21 2	3 31	3 41	1 32	3 57	2 18	23 26	0 6	S 22
M 23	0 58	5s49	0s 8	1 12	3 4	10 34	0 56	20 59	3 28	3 38	1 32	3 59	2 18	23 26	0 6	M 23
T 24	1 22	12 42	1 31	0 40	2 53	10 8	0 58	20 56	3 26	3 35	1 32	4 1	2 18	23 26	0 6	T 24
W 25	1 45	18 45	2 46	0 8	2 40	9 43	1 0	20 53	3 24	3 32	1 32	4 3	2 18	23 26	0 6	W 25
T 26	2 9	23 33	3 48	0s22	2 27	9 18	1 2	20 50	3 22	3 29	1 32	4 5	2 18	23 26	0 6	T 26
F 27	2 33	26 49	4 35	0 51	2 12	8 52	1 4	20 47	3 19	3 26	1 32	4 7	2 18	23 26	0 6	F 27
S 28	2 56	28 23	5 5	1 18	1 58	8 26	1 6	20 43	3 17	3 23	1 32	4 9	2 18	23 26	0 6	S 28
S 29	3 20	28 17	5 17	1 43	1 43	7 59	1 8	20 40	3 15	3 20	1 33	4 10	2 18	23 26	0 6	S 29
M 30	3 43	26 39	5 14	2 5	1 27	7 33	1 10	20 36	3 13	3 17	1 33	4 12	2 18	23 26	0 6	M 30
T 31	4n 6	23s44	4s55	2s26	1n12	7s 6	1s12	20n32	3n11	3s14	1n33	4n14	2n18	23s26	0s 6	T 31

Julian Day Number = 2691568.5, Delta T = 24m05s

Ecliptic obliquity = 23°21'23, Nutation = - 0°00'03

Ayanamsha: Fagan/Bradley = 33°55'59, Lahiri = 33°02'59

## ASTRODIENST EPHEMERIS for the year 2657

APRIL 2657

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 38 17	11°Y24'13	17°A10	20°R54	15°H57	10°Ω54	11°R41	24°R34	27°R28	10°A12	8°S10	13°R 5	13°Y21	5°Y51	11°Y57	W 1
T 2	12 42 14	12°23'49	29°13	20°D50	17°11	11° 2	11°A33	24°H29	27°A28	10°13	8°10	13°Y 5	13°17	5°58	12° 0	T 2
F 3	12 46 10	13°23'22	11°H 7	20°H53	18°25	11°11	11°25	24°25	27°28	10°14	8°10	13°D 5	13°14	6° 4	12° 4	F 3
S 4	12 50 7	14°22'54	22°56	21° 1	19°39	11°20	11°17	24°21	27°28	10°15	8°10	13° 5	13°11	6°11	12° 7	S 4
S 5	12 54 3	15°22'24	4°Y43	21°14	20°53	11°30	11° 9	24°16	27°28	10°17	8°11	13° 5	13° 8	6°18	12°11	S 5
M 6	12 58 0	16°21'52	16°30	21°33	22° 7	11°41	11° 2	24°12	27°27	10°18	8°11	13°R 6	13° 5	6°24	12°14	M 6
T 7	13 1 56	17°21'18	28°20	21°56	23°21	11°52	10°54	24° 8	27°27	10°19	8°11	13° 5	13° 1	6°31	12°18	T 7
W 8	13 5 53	18°20'42	10°B14	22°25	24°35	12° 4	10°46	24° 4	27°27	10°20	8°12	13° 5	12°58	6°38	12°22	W 8
T 9	13 9 50	19°20'04	22°16	22°57	25°48	12°16	10°39	23°59	27°26	10°21	8°12	13° 4	12°55	6°44	12°25	T 9
F 10	13 13 46	20°19'23	4°H26	23°34	27° 2	12°29	10°31	23°55	27°26	10°22	8°12	13° 3	12°52	6°51	12°29	F 10
S 11	13 17 43	21°18'41	16°49	24°15	28°16	12°42	10°24	23°51	27°25	10°23	8°13	13° 2	12°49	6°58	12°32	S 11
S 12	13 21 39	22°17'56	29°26	24°59	29°30	12°56	10°16	23°47	27°25	10°24	8°13	13° 1	12°46	7° 4	12°36	S 12
M13	13 25 36	23°17'09	12°S20	25°47	0°Y44	13°10	10° 9	23°44	27°24	10°25	8°14	13° 1	12°42	7°11	12°39	M13
T 14	13 29 32	24°16'20	25°36	26°38	1°58	13°25	10° 1	23°40	27°24	10°26	8°14	13°D 0	12°39	7°17	12°43	T 14
W15	13 33 29	25°15'29	9°Ω13	27°33	3°11	13°40	9°54	23°36	27°23	10°27	8°15	13° 1	12°36	7°24	12°46	W15
T 16	13 37 25	26°14'35	23°15	28°30	4°25	13°56	9°47	23°32	27°22	10°28	8°15	13° 2	12°33	7°31	12°50	T 16
F 17	13 41 22	27°13'38	7°H39	29°30	5°39	14°12	9°40	23°29	27°22	10°29	8°16	13° 3	12°30	7°37	12°53	F 17
S 18	13 45 19	28°12'40	22°24	0°Y33	6°53	14°28	9°33	23°25	27°21	10°30	8°17	13° 4	12°27	7°44	12°57	S 18
S 19	13 49 15	29°11'39	7°A24	1°38	8° 7	14°45	9°26	23°22	27°20	10°30	8°17	13°R 4	12°23	7°51	13° 0	S 19
M20	13 53 12	0°B10'36	22°32	2°46	9°21	15° 3	9°19	23°19	27°19	10°31	8°18	13° 4	12°20	7°57	13° 4	M20
T 21	13 57 8	1° 9'31	7°H38	3°56	10°34	15°20	9°12	23°15	27°18	10°32	8°18	13° 3	12°17	8° 4	13° 7	T 21
W22	14 1 5	2° 8'25	22°33	5° 9	11°48	15°38	9° 5	23°12	27°17	10°33	8°19	13° 1	12°14	8°11	13°10	W22
T 23	14 5 1	3° 7'16	7°A11	6°23	13° 2	15°57	8°59	23° 9	27°16	10°33	8°20	12°59	12°11	8°17	13°14	T 23
F 24	14 8 58	4° 6'06	21°23	7°40	14°16	16°16	8°52	23° 6	27°15	10°34	8°20	12°56	12° 7	8°24	13°17	F 24
S 25	14 12 54	5° 4'54	5°B 9	8°59	15°30	16°35	8°46	23° 3	27°14	10°35	8°21	12°53	12° 4	8°31	13°21	S 25
S 26	14 16 51	6° 3'40	18°27	10°20	16°44	16°55	8°40	23° 0	27°12	10°35	8°22	12°51	12° 1	8°37	13°24	S 26
M27	14 20 48	7° 2'25	1°A19	11°43	17°57	17°15	8°33	22°57	27°11	10°36	8°23	12°50	11°58	8°44	13°27	M27
T 28	14 24 44	8° 1'08	13°49	13° 7	19°11	17°35	8°27	22°55	27°10	10°36	8°24	12°D50	11°55	8°51	13°31	T 28
W29	14 28 41	8°59'49	26° 1	14°34	20°25	17°56	8°22	22°52	27° 9	10°37	8°24	12°51	11°52	8°57	13°34	W29
T 30	14 32 37	9°B58'28	8°H 0	16°Y 2	21°Y39	18°Ω17	8°A16	22°H50	27°A 7	10°A37	8°S25	12°Y53	11°Y48	9°Y 4	13°Y37	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	4n30	19s49	4s23	2s43	0n57	6s39	1s13	20n28	3n 9	3s11	1n33	4n16	2n18	23s26	0s 6	17s20
T 2	4 53	15 9	3 41	2 59	0 42	6 12	1 15	20 23	3 6	3 8	1 33	4 18	2 18	23 26	0 6	17 20
F 3	5 16	9 58	2 49	3 11	0 27	5 44	1 17	20 19	3 4	3 5	1 33	4 19	2 18	23 26	0 6	17 19
S 4	5 39	4 29	1 50	3 21	0 13	5 17	1 18	20 14	3 2	3 2	1 33	4 21	2 18	23 26	0 6	17 19
S 5	6 2	1n 9	0 46	3 28	0s 1	4 49	1 19	20 9	3 0	2 59	1 33	4 23	2 18	23 26	0 6	17 19
M 6	6 25	6 45	0n19	3 33	0 14	4 21	1 21	20 4	2 58	2 56	1 33	4 24	2 18	23 26	0 6	17 18
T 7	6 47	12 9	1 24	3 36	0 27	3 53	1 22	19 59	2 56	2 53	1 33	4 26	2 18	23 26	0 6	17 18
W 8	7 10	17 8	2 25	3 36	0 39	3 25	1 23	19 54	2 54	2 50	1 33	4 28	2 18	23 26	0 6	17 18
T 9	7 33	21 30	3 21	3 34	0 51	2 57	1 24	19 49	2 52	2 47	1 33	4 29	2 18	23 26	0 6	17 17
F 10	7 55	25 1	4 8	3 30	1 2	2 29	1 25	19 43	2 50	2 44	1 33	4 31	2 18	23 26	0 6	17 17
S 11	8 17	27 26	4 45	3 23	1 12	2 1	1 26	19 38	2 48	2 41	1 32	4 32	2 17	23 26	0 6	17 17
S 12	8 39	28 30	5 8	3 15	1 22	1 32	1 27	19 32	2 46	2 38	1 32	4 34	2 17	23 26	0 6	17 17
M13	9 1	28 3	5 17	3 4	1 32	1 4	1 28	19 26	2 44	2 35	1 32	4 35	2 17	23 26	0 6	17 16
T 14	9 23	26 1	5 10	2 52	1 40	0 35	1 29	19 20	2 42	2 32	1 32	4 37	2 17	23 26	0 6	17 16
W15	9 44	22 28	4 45	2 38	1 49	0 7	1 30	19 13	2 40	2 30	1 32	4 38	2 17	23 26	0 6	17 16
T 16	10 6	17 32	4 2	2 22	1 56	0n22	1 30	19 7	2 38	2 27	1 32	4 39	2 17	23 26	0 6	17 16
F 17	10 27	11 31	3 4	2 5	2 3	0 51	1 31	19 1	2 36	2 24	1 32	4 41	2 17	23 26	0 6	17 15
S 18	10 48	4 43	1 52	1 46	2 10	1 19	1 31	18 54	2 35	2 21	1 32	4 42	2 17	23 26	0 6	17 15
S 19	11 9	2s27	0 31	1 25	2 15	1 48	1 32	18 47	2 33	2 19	1 32	4 43	2 17	23 26	0 6	17 15
M20	11 30	9 33	0s52	1 3	2 21	2 17	1 32	18 40	2 31	2 16	1 32	4 44	2 17	23 26	0 6	17 15
T 21	11 50	16 5	2 12	0 40	2 25	2 45	1 33	18 33	2 29	2 14	1 32	4 46	2 17	23 26	0 6	17 14
W22	12 11	21 35	3 21	0 15	2 29	3 14	1 33	18 26	2 27	2 11	1 32	4 47	2 16	23 26	0 6	17 14
T 23	12 31	25 38	4 16	0n11	2 33	3 42	1 33	18 19	2 26	2 9	1 31	4 48	2 16	23 26	0 6	17 14
F 24	12 51	27 58	4 53	0 39	2 36	4 10	1 33	18 12	2 24	2 6	1 31	4 49	2 16	23 26	0 6	17 14
S 25	13 10	28 28	5 12	1 7	2 39	4 39	1 33	18 4	2 22	2 4	1 31	4 50	2 16	23 26	0 6	17 14
S 26	13 30	27 16	5 14	1 37	2 40	5 7	1 33	17 57	2 20	2 2	1 31	4 51	2 16	23 26	0 6	17 14
M27	13 49	24 39	4 59	2 42	2 42	5 35	1 33	17 49	2 19	1 59	1 31	4 52	2 16	23 26	0 6	17 13
T 28	14 8	20 56	4 31	2 40	2 43	6 3	1 33	17 41	2 17	1 57	1 31	4 53	2 16	23 26	0 6	17 13
W29	14 27	16 25	3 50	3 13	2 43	6 31	1 32	17 33	2 15	1 55	1 31	4 54	2 16	23 26	0 6	17 13
T 30	14n45	11s20	3s 1	3n47	2s43	6n59	1s32	17n25	2n14	1s53	1n31	4n55	2n15	23s26	0s 6	17s13

Julian Day Number = 2691599.5, Delta T = 24m06s

Ecliptic obliquity = 23°21'24", Nutation = - 0°00'04"

Ayanamsha: Fagan/Bradley = 33°56'03", Lahiri = 33°03'03"



## ASTRODIENST EPHEMERIS for the year 2657

JUNE 2657

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 38 47	10°11'59"54	3°38'40	17°11'32	0°11'58	1°11'51	6°R36	22°11'22	26°R 5	10°R34	9°00	11°R31	10°V 7	12°V36	15°V 8	M 1
T 2	16 42 44	11°57'40	15°43	19°40	2°12	2°19	6°A36	22°23	26°A 2	10°A33	9° 1	11°V26	10° 4	12°43	15°10	T 2
W 3	16 46 40	12°55'24	27°59	21°48	3°25	2°49	6°D36	22°24	26° 0	10°32	9° 3	11°19	10° 0	12°50	15°12	W 3
T 4	16 50 37	13°53'07	10°11'27	23°54	4°39	3°18	6°36	22°25	25°58	10°32	9° 4	11°10	9°57	12°56	15°15	T 4
F 5	16 54 33	14°50'50	23°10	25°58	5°53	3°47	6°37	22°26	25°55	10°31	9° 5	10°59	9°54	13° 3	15°17	F 5
S 6	16 58 30	15°48'31	6°07	28° 0	7° 6	4°17	6°37	22°28	25°53	10°30	9° 7	10°48	9°51	13°10	15°19	S 6
S 7	17 2 26	16°46'10	19°17	0°08	8°20	4°46	6°38	22°29	25°50	10°30	9° 8	10°37	9°48	13°16	15°21	S 7
M 8	17 6 23	17°43'48	2°04	1°58	9°34	5°16	6°39	22°30	25°48	10°29	9° 9	10°29	9°45	13°23	15°23	M 8
T 9	17 10 20	18°41'25	16°13	3°53	10°47	5°46	6°40	22°32	25°45	10°28	9°11	10°22	9°41	13°30	15°25	T 9
W10	17 14 16	19°39'01	29°56	5°46	12° 1	6°17	6°41	22°34	25°43	10°27	9°12	10°19	9°38	13°36	15°27	W10
T 11	17 18 13	20°36'35	13°11'27	7°37	13°15	6°47	6°42	22°35	25°41	10°26	9°13	10°17	9°35	13°43	15°29	T 11
F 12	17 22 9	21°34'07	27°52	9°24	14°28	7°17	6°44	22°37	25°38	10°25	9°15	10°D17	9°32	13°50	15°31	F 12
S 13	17 26 6	22°31'38	12°12	11° 9	15°42	7°48	6°46	22°39	25°36	10°24	9°16	10°R17	9°29	13°56	15°32	S 13
S 14	17 30 2	23°29'08	26°22	12°51	16°56	8°19	6°48	22°41	25°33	10°23	9°17	10°16	9°25	14° 3	15°34	S 14
M15	17 33 59	24°26'37	10°11'46	14°31	18° 9	8°50	6°50	22°44	25°31	10°22	9°19	10°14	9°22	14° 9	15°36	M15
T 16	17 37 55	25°24'05	25°11	16° 7	19°23	9°21	6°52	22°46	25°28	10°21	9°20	10° 8	9°19	14°16	15°38	T 16
W17	17 41 52	26°21'31	9°11'33	17°41	20°37	9°52	6°55	22°48	25°26	10°20	9°22	10° 0	9°16	14°23	15°39	W17
T 18	17 45 49	27°18'57	23°46	19°12	21°50	10°23	6°57	22°51	25°23	10°19	9°23	9°50	9°13	14°29	15°41	T 18
F 19	17 49 45	28°16'21	7°34	20°40	23° 4	10°54	7° 0	22°53	25°21	10°18	9°25	9°38	9°10	14°36	15°42	F 19
S 20	17 53 42	29°13'45	21°22	22° 5	24°17	11°26	7° 3	22°56	25°18	10°17	9°26	9°27	9° 6	14°43	15°44	S 20
S 21	17 57 38	0°08'11'09	4°11'38	23°27	25°31	11°58	7° 6	22°59	25°16	10°16	9°27	9°17	9° 3	14°49	15°45	S 21
M22	18 1 35	1° 8'31	17°32	24°47	26°45	12°29	7° 9	23° 2	25°13	10°15	9°29	9° 8	9° 0	14°56	15°47	M22
T 23	18 5 31	2° 5'53	0°11'35	26° 3	27°58	13° 1	7°13	23° 4	25°11	10°14	9°30	9° 3	8°57	15° 3	15°48	T 23
W24	18 9 28	3° 3'14	12°19	27°16	29°12	13°33	7°16	23° 7	25° 8	10°12	9°32	8°59	8°54	15° 9	15°49	W24
T 25	18 13 24	4° 0'35	24°19	28°26	0°08'26	14° 5	7°20	23°11	25° 6	10°11	9°33	8°58	8°51	15°16	15°51	T 25
F 26	18 17 21	4°57'56	6°11'11	29°33	1°40	14°38	7°24	23°14	25° 4	10°10	9°35	8°58	8°47	15°23	15°52	F 26
S 27	18 21 18	5°55'16	17°59	0°03'37	2°53	15°10	7°28	23°17	25° 1	10° 9	9°36	8°58	8°44	15°29	15°53	S 27
S 28	18 25 14	6°52'36	29°50	1°37	4° 7	15°43	7°33	23°21	24°59	10° 8	9°37	8°57	8°41	15°36	15°54	S 28
M29	18 29 11	7°49'55	11°11'47	2°34	5°21	16°15	7°37	23°24	24°56	10° 6	9°39	8°54	8°38	15°43	15°55	M29
T 30	18 33 7	8°04'15	23°11'56	3°02'27	6°03'34	16°11'48	7°42	23°11'28	24°51'54	10°11'55	9°40	8°48	8°35	15°49	15°56	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	22n 1	14n30	1n56	23n55	1n 9	19n27	0s51	12n10	1n29	1s20	1n24	5n 1	2n10	23s25	0s 7	17s14	0n18
T 2	22 9	19 14	2 52	24 15	1 18	19 44	0 49	11 58	1 27	1 20	1 24	5 0	2 10	23 25	0 7	17 14	0 18
W 3	22 16	23 14	3 42	24 32	1 26	20 0	0 47	11 47	1 26	1 20	1 23	5 0	2 10	23 25	0 7	17 14	0 18
T 4	22 23	26 15	4 21	24 46	1 33	20 16	0 45	11 35	1 25	1 20	1 23	4 59	2 10	23 24	0 7	17 15	0 18
F 5	22 30	27 59	4 49	24 57	1 40	20 31	0 42	11 23	1 24	1 21	1 23	4 58	2 9	23 24	0 7	17 15	0 18
S 6	22 36	28 15	5 2	25 6	1 46	20 46	0 40	11 11	1 23	1 21	1 23	4 58	2 9	23 24	0 7	17 15	0 18
S 7	22 42	26 55	5 0	25 13	1 51	21 0	0 38	11 0	1 21	1 22	1 23	4 57	2 9	23 24	0 7	17 15	0 18
M 8	22 48	24 3	4 41	25 16	1 56	21 13	0 36	10 48	1 20	1 22	1 22	4 56	2 9	23 24	0 7	17 15	0 18
T 9	22 53	19 50	4 6	25 17	1 59	21 26	0 34	10 35	1 19	1 23	1 22	4 55	2 9	23 24	0 7	17 16	0 18
W10	22 57	14 32	3 17	25 16	2 2	21 38	0 31	10 23	1 18	1 23	1 22	4 55	2 9	23 24	0 7	17 16	0 18
T 11	23 2	8 26	2 16	25 13	2 5	21 50	0 29	10 11	1 17	1 24	1 22	4 54	2 8	23 24	0 7	17 16	0 18
F 12	23 5	1 51	1 6	25 7	2 6	22 1	0 27	9 59	1 16	1 25	1 21	4 53	2 8	23 24	0 7	17 16	0 18
S 13	23 9	4s53	0s 9	25 0	2 7	22 11	0 24	9 46	1 15	1 26	1 21	4 52	2 8	23 24	0 7	17 17	0 18
S 14	23 12	11 27	1 24	24 50	2 7	22 21	0 22	9 34	1 14	1 27	1 21	4 51	2 8	23 24	0 7	17 17	0 18
M15	23 14	17 26	2 34	24 39	2 6	22 30	0 20	9 21	1 13	1 28	1 21	4 50	2 8	23 24	0 7	17 17	0 18
T 16	23 17	22 27	3 34	24 26	2 4	22 39	0 17	9 9	1 11	1 29	1 20	4 49	2 7	23 24	0 7	17 17	0 18
W17	23 18	26 6	4 20	24 12	2 1	22 47	0 15	8 56	1 10	1 30	1 20	4 48	2 7	23 24	0 7	17 18	0 18
T 18	23 20	28 2	4 50	23 56	1 58	22 54	0 13	8 43	1 9	1 32	1 20	4 47	2 7	23 23	0 7	17 18	0 18
F 19	23 21	28 8	5 1	23 39	1 54	23 0	0 10	8 30	1 8	1 33	1 20	4 45	2 7	23 23	0 7	17 18	0 18
S 20	23 21	26 31	4 55	23 21	1 49	23 6	0 8	8 17	1 7	1 34	1 19	4 44	2 7	23 23	0 7	17 19	0 18
S 21	23 21	23 27	4 33	23 2	1 44	23 11	0 5	8 4	1 6	1 36	1 19	4 43	2 7	23 23	0 7	17 19	0 18
M22	23 21	19 17	3 57	22 42	1 38	23 16	0 3	7 51	1 5	1 37	1 19	4 42	2 6	23 23	0 7	17 19	0 18
T 23	23 20	14 23	3 10	22 21	1 31	23 20	0 1	7 38	1 4	1 39	1 19	4 40	2 6	23 23	0 7	17 19	0 18
W24	23 19	9 1	2 16	21 59	1 23	23 23	0n 2	7 25	1 3	1 40	1 19	4 39	2 6	23 23	0 7	17 20	0 18
T 25	23 18	3 25	1 17	21 37	1 15	23 25	0 4	7 12	1 2	1 42	1 18	4 38	2 6	23 23	0 7	17 20	0 18
F 26	23 16	2n13	0 15	21 15	1 6	23 27	0 6	6 58	1 1	1 44	1 18	4 36	2 6	23 23	0 7	17 20	0 18
S 27	23 13	7 46	0n48	20 52	0 56	23 28	0 9	6 45	1 0	1 46	1 18	4 35	2 6	23 23	0 7	17 21	0 18
S 28	23 11	13 4	1 48	20 29	0 46	23 29	0 11	6 31	0 59	1 48	1 18	4 33	2 5	23 23	0 7	17 21	0 18
M29	23 8	17 55	2 44	20 5	0 35	23 29	0 14	6 18	0 58	1 50	1 17	4 32	2 5	23 23	0 7	17 21	0 18
T 30	23n 4	22n 9	3n34	19n42	0n24	23n28	0n16	6n 4	0n57	1s52	1n17	4n30	2n 5	23s23	0s 7	17s22	0n18

Julian Day Number = 2691660.5, Delta T = 24m07s

Ecliptic obliquity = 23°21'23", Nutation = - 0°00'04"

Ayanamsha: Fagan/Bradley = 33°56'12", Lahiri = 33°03'11"



## ASTRODIENST EPHEMERIS for the year 2657

AUGUST 2657

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 39 17	9♂19°30	24♂ 0	29°R43	15♂56	5♂ 8	11♂22	26♂ 3	23°R50	9°R16	10♂25	5°R36	6°Y53	19°Y22	16°R 1	S 1
S 2	20 43 14	10°16'49	7♂54	29♂22	17° 9	5°43	11°31	26° 9	23°49	9♂15	10°26	5°Y28	6°50	19°29	16°Y 0	S 2
M 3	20 47 10	11°14'09	22° 3	29° 6	18°23	6°19	11°40	26°15	23°47	9°13	10°28	5°20	6°47	19°35	15°59	M 3
T 4	20 51 7	12°11'30	6♂24	28°55	19°37	6°55	11°49	26°21	23°46	9°11	10°29	5°15	6°43	19°42	15°59	T 4
W 5	20 55 3	13° 8'51	20°50	28°D50	20°51	7°32	11°58	26°27	23°44	9°10	10°30	5°12	6°40	19°48	15°58	W 5
T 6	20 59 0	14° 6'13	5♂16	28°50	22° 5	8° 8	12° 8	26°33	23°43	9° 8	10°31	5°D11	6°37	19°55	15°57	T 6
F 7	21 2 56	15° 3'34	19°39	28°56	23°19	8°44	12°17	26°40	23°42	9° 6	10°33	5°12	6°34	20° 2	15°56	F 7
S 8	21 6 53	16° 0'57	3♂55	29° 9	24°33	9°20	12°27	26°46	23°41	9° 5	10°34	5°13	6°31	20° 8	15°55	S 8
S 9	21 10 50	16°58'19	18° 2	29°27	25°47	9°57	12°36	26°52	23°40	9° 3	10°35	5°R13	6°28	20°15	15°54	S 9
M10	21 14 46	17°55'43	1♂59	29°52	27° 1	10°33	12°46	26°59	23°38	9° 2	10°36	5°12	6°24	20°22	15°53	M10
T 11	21 18 43	18°53'06	15°45	0♂23	28°15	11°10	12°56	27° 5	23°37	9° 0	10°37	5° 9	6°21	20°28	15°51	T 11
W12	21 22 39	19°50'31	29°21	1° 0	29°29	11°46	13° 6	27°11	23°36	8°58	10°39	5° 5	6°18	20°35	15°50	W12
T 13	21 26 36	20°47'56	12♂44	1°43	0♂43	12°23	13°16	27°18	23°35	8°57	10°40	4°59	6°15	20°42	15°49	T 13
F 14	21 30 32	21°45'21	25°55	2°32	1°56	13° 0	13°26	27°25	23°34	8°55	10°41	4°51	6°12	20°48	15°48	F 14
S 15	21 34 29	22°42'48	8♂52	3°28	3°10	13°37	13°36	27°31	23°34	8°54	10°42	4°44	6° 9	20°55	15°46	S 15
S 16	21 38 25	23°40'15	21°35	4°29	4°24	14°14	13°46	27°38	23°33	8°52	10°43	4°38	6° 5	21° 2	15°45	S 16
M17	21 42 22	24°37'43	4♂ 4	5°36	5°38	14°51	13°56	27°45	23°32	8°51	10°44	4°32	6° 2	21° 8	15°44	M17
T 18	21 46 19	25°35'12	16°19	6°49	6°52	15°28	14° 7	27°51	23°31	8°49	10°45	4°29	5°59	21°15	15°42	T 18
W19	21 50 15	26°32'42	28°24	8° 7	8° 6	16° 5	14°17	27°58	23°31	8°47	10°46	4°27	5°56	21°22	15°41	W19
T 20	21 54 12	27°30'13	10°Y19	9°30	9°20	16°42	14°28	28° 5	23°30	8°46	10°47	4°D27	5°53	21°28	15°39	T 20
F 21	21 58 8	28°27'45	22° 8	10°58	10°34	17°20	14°38	28°12	23°29	8°44	10°48	4°29	5°49	21°35	15°37	F 21
S 22	22 2 5	29°25'19	3♂56	12°31	11°48	17°57	14°49	28°19	23°29	8°43	10°50	4°30	5°46	21°41	15°36	S 22
S 23	22 6 1	0♂22°54	15°47	14° 9	13° 2	18°35	15° 0	28°26	23°28	8°41	10°51	4°32	5°43	21°48	15°34	S 23
M24	22 9 58	1°20'31	27°46	15°50	14°16	19°12	15°11	28°32	23°28	8°40	10°52	4°R33	5°40	21°55	15°32	M24
T 25	22 13 54	2°18'09	9♂57	17°35	15°30	19°50	15°22	28°39	23°27	8°39	10°52	4°32	5°37	22° 1	15°31	T 25
W26	22 17 51	3°15'49	22°26	19°23	16°44	20°27	15°33	28°47	23°27	8°37	10°53	4°31	5°34	22° 8	15°29	W26
T 27	22 21 48	4°13'30	5♂16	21°14	17°58	21° 5	15°44	28°54	23°27	8°36	10°54	4°28	5°30	22°15	15°27	T 27
F 28	22 25 44	5°11'12	18°31	23° 8	19°11	21°43	15°55	29° 1	23°27	8°34	10°55	4°24	5°27	22°21	15°25	F 28
S 29	22 29 41	6° 8'57	2♂11	25° 3	20°25	22°21	16° 6	29° 8	23°26	8°33	10°56	4°20	5°24	22°28	15°23	S 29
S 30	22 33 37	7° 6'42	16°16	27° 1	21°39	22°59	16°17	29°15	23°26	8°31	10°57	4°16	5°21	22°35	15°21	S 30
M31	22 37 34	8♂ 4'29	0♂41	28♂59	22♂53	23♂37	16♂29	29♂22	23♂26	8♂30	10♂58	4°Y13	5°Y18	22°Y41	15°Y19	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17n52	25n59	4n50	15n33	4s42	17n13	1n16	1s36	0n28	3s24	1n11	3n25	2n 1	23s20	0s 7	17s35	0n18	17n14	5s44	2n13	2n43	8n35	8n12	2n 5			
S 2	17 36	22 23	4 18	15 45	4 33	16 52	1 17	1 51	0 28	3 27	1 11	3 22	2 1	23 20	0 7	17 35	0 18	17 14	5 44	2 10	2 42	8 38	8 12	2 5			
M 3	17 21	17 25	3 30	15 58	4 23	16 30	1 18	2 6	0 27	3 31	1 10	3 20	2 1	23 20	0 7	17 36	0 18	17 14	5 44	2 7	2 41	8 42	8 11	2 5			
T 4	17 5	11 26	2 28	16 11	4 12	16 8	1 19	2 20	0 26	3 35	1 10	3 17	2 1	23 20	0 7	17 36	0 18	17 14	5 44	2 5	2 40	8 45	8 11	2 5			
W 5	16 49	4 48	1 16	16 24	4 0	15 46	1 20	2 35	0 25	3 39	1 10	3 15	2 0	23 20	0 7	17 37	0 18	17 14	5 44	2 4	2 38	8 48	8 11	2 5			
T 6	16 32	2s 6	0s 0	16 37	3 47	15 23	1 21	2 50	0 24	3 42	1 10	3 12	2 0	23 20	0 7	17 37	0 18	17 14	5 44	2 3	2 37	8 52	8 10	2 5			
F 7	16 16	8 51	1 17	16 49	3 34	14 59	1 22	3 5	0 24	3 46	1 10	3 10	2 0	23 20	0 7	17 38	0 18	17 14	5 44	2 3	2 36	8 55	8 10	2 5			
S 8	15 59	15 6	2 29	17 1	3 19	14 36	1 23	3 20	0 23	3 50	1 10	3 7	2 0	23 20	0 7	17 38	0 18	17 14	5 44	2 4	2 35	8 58	8 10	2 5			
S 9	15 42	20 30	3 30	17 11	3 4	14 11	1 23	3 35	0 22	3 54	1 9	3 5	2 0	23 20	0 7	17 39	0 18	17 13	5 44	2 4	2 33	9 2	8 9	2 5			
M10	15 24	24 42	4 18	17 22	2 49	13 47	1 24	3 50	0 21	3 58	1 9	3 2	2 0	23 20	0 7	17 39	0 18	17 13	5 44	2 4	2 32	9 5	8 9	2 5			
T 11	15 7	27 25	4 51	17 30	2 33	13 22	1 25	4 5	0 20	4 2	1 9	2 59	2 0	23 20	0 7	17 39	0 18	17 13	5 44	2 3	2 31	9 8	8 9	2 5			
W12	14 49	28 28	5 7	17 38	2 17	12 57	1 25	4 20	0 20	4 6	1 9	2 57	2 0	23 19	0 7	17 40	0 18	17 13	5 44	2 1	2 30	9 11	8 8	2 5			
T 13	14 31	27 49	5 6	17 44	2 1	12 31	1 26	4 35	0 19	4 10	1 9	2 54	2 0	23 19	0 7	17 40	0 18	17 13	5 44	1 58	2 28	9 15	8 8	2 5			
F 14	14 12	25 36	4 48	17 49	1 45	12 5	1 26	4 50	0 18	4 14	1 9	2 51	2 0	23 19	0 7	17 41	0 18	17 13	5 44	1 55	2 27	9 18	8 7	2 5			
S 15	13 54	22 6	4 16	17 52	1 29	11 39	1 26	5 5	0 17	4 18	1 9	2 49	2 0	23 19	0 7	17 41	0 18	17 13	5 44	1 53	2 26	9 21	8 7	2 5			
S 16	13 35	17 36	3 32	17 53	1 13	11 12	1 27	5 20	0 17	4 22	1 8	2 46	2 0	23 19	0 7	17 42	0 18	17 13	5 44	1 50	2 25	9 25	8 6	2 5			
M17	13 16	12 26	2 38	17 52	0 58	10 46	1 27	5 35	0 16	4 26	1 8	2 43	1 59	23 19	0 7	17 42	0 18	17 12	5 44	1 48	2 23	9 28	8 6	2 5			
T 18	12 57	6 52	1 37	17 49	0 43	10 18	1 27	5 50	0 15	4 30	1 8	2 41	1 59	23 19	0 7	17 42	0 18	17 12	5 44	1 47	2 22	9 31	8 5	2 5			
W19	12 37	1 9	0 33	17 43	0 28	9 51	1 27	6 5	0 14	4 34	1 8	2 38	1 59	23 19	0 7	17 43	0 18	17 12	5 44	1 46	2 21	9 34	8 4	2 5			
T 20	12 18	4n34	0n32	17 35	0 14	9 23	1 27	6 20	0 14	4 38	1 8	2 35	1 59	23 19	0 7	17 43	0 18	17 12	5 44	1 46	2 20	9 38	8 4	2 5			
F 21	11 58	10 4	1 35	17 25	0 0	8 55	1 27	6 35	0 13	4 43	1 8	2 32	1 59	23 19	0 7	17 44	0 18	17 12	5 44	1 46	2 18	9 41	8 3	2 5			
S 22	11 38	15 12	2 34	17 12	0n13	8 27	1 27	6 50	0 12	4 47	1 8	2 30	1 59	23 19	0 7	17 44	0 18	17 12	5 44	1 47	2 17	9 44	8 3	2 5			
S 23	11 18	19 48	3 27	16 56	0 25	7 59	1 27	7 5	0 11	4 51	1 7	2 27	1 59	23 19	0 7	17 44	0 18	17 12	5 44	1 48	2 16	9 48	8 2	2 5			
M24	10 58	23 40	4 11	16 37	0 37	7 30	1 27	7 20	0 11	4 55	1 7	2 24	1 59	23 19	0 7	17 45	0 18	17 12	5 44	1 48	2 15	9 51	8 1	2 5			
T 25	10 37	26 34	4 45	16 16	0 47	7 2	1 26	7 35	0 10	5 0	1 7	2 21	1 59	23 19	0 7	17 45	0 18	17 11	5 44	1 48	2 13	9 54	8 1	2 5			
W26	10 16	28 14	5 6	15 51	0 57	6 33	1 26	7 49	0 9	5 4	1 7	2 18	1 59	23 19	0 7	17 46	0 18	17 11	5 44	1 47	2 12	9 57	8 0	2 5			
T 27	9 56	28 28	5 13	15 25	1 6	6 3	1 25	8 4	0 8	5 8	1 7	2 16	1 59	23 19	0 7	17 46	0 18	17 11	5 44	1 46	2 11	10 1	7 59	2 5			
F 28	9 35	27 6	5 4	14 55	1 14	5 34	1 25	8 19	0 8	5 13	1 7	2 13	1 59	23 19	0 7	17 46	0 18	17 11	5 45	1 45	2 10	10 4	7 59	2 5			
S 29	9 13	24 6	4 37	14 24	1 21	5 4	1 24	8 34	0 7	5 17	1 7	2 10	1 59	23 19	0 7	17 47	0 18	17 11	5 45	1 43	2 8	10 7	7 58	2 5			
S 30	8 52	19 37	3 53	13 50	1 27	4 35	1 24	8 49	0 6	5 22	1 7	2 7	1 59	23 19	0 7	17 47	0 18	17 11	5 45	1 41	2 7	10 10	7 57	2 5			
M31	8n31	13n54	2n54	13n14	1n32	4n 5	1n23	9s 3	0n 5	5s26	1n 6	2n 4	1n59	23s19	0s 7	17s47	0n18	17n11	5s45	1n40	2n 6	10n14	7n56	2n 5			

# ASTRODIENST EPHEMERIS for the year 2657

SEPTEMBER 2657

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 41 30	9 <sup>h</sup> 2'17	15 <sup>h</sup> 22	0 <sup>h</sup> 59	24 <sup>h</sup> 7	24 <sup>h</sup> 15	16 <sup>h</sup> 40	29 <sup>h</sup> 29	23 <sup>h</sup> 26	8 <sup>h</sup> 29	10 <sup>h</sup> 59	4 <sup>h</sup> 11	5 <sup>h</sup> 15	22 <sup>h</sup> 48	15 <sup>h</sup> 17	T 1
W 2	22 45 27	10° 0'07	0 <sup>h</sup> 12	2° 58	25° 21	24° 53	16° 52	29° 37	23° 26	8 <sup>h</sup> 27	11° 0	4° 10	5° 11	22° 55	15° 15	W 2
T 3	22 49 23	10° 57'57	15° 2	4° 59	26° 35	25° 32	17° 3	29° 44	23° 26	8° 26	11° 1	4° 10	5° 8	23° 1	15° 13	T 3
F 4	22 53 20	11° 55'49	29° 47	6° 59	27° 49	26° 10	17° 15	29° 51	23° 26	8° 25	11° 1	4° 11	5° 5	23° 8	15° 11	F 4
S 5	22 57 17	12° 53'43	14 <sup>h</sup> 20	8° 59	29° 3	26° 49	17° 26	29° 58	23° 26	8° 23	11° 2	4° 12	5° 2	23° 15	15° 9	S 5
S 6	23 1 13	13° 51'37	28° 37	10° 58	0 <sup>h</sup> 17	27° 27	17° 38	0 <sup>h</sup> 6	23° 27	8° 22	11° 3	4° 13	4° 59	23° 21	15° 6	S 6
M 7	23 5 10	14° 49'33	12 <sup>h</sup> 36	12° 57	1° 31	28° 6	17° 50	0° 13	23° 27	8° 21	11° 4	4° 14	4° 55	23° 28	15° 4	M 7
T 8	23 9 6	15° 47'30	26° 18	14° 55	2° 45	28° 44	18° 2	0° 20	23° 27	8° 20	11° 4	4° 14	4° 52	23° 35	15° 2	T 8
W 9	23 13 3	16° 45'28	9 <sup>h</sup> 41	16° 53	3° 59	29° 23	18° 13	0° 28	23° 28	8° 19	11° 5	4° 13	4° 49	23° 41	15° 0	W 9
T 10	23 16 59	17° 43'28	22° 47	18° 49	5° 13	0 <sup>h</sup> 2	18° 25	0° 35	23° 28	8° 17	11° 6	4° 11	4° 46	23° 48	14° 57	T 10
F 11	23 20 56	18° 41'28	5 <sup>h</sup> 38	20° 44	6° 27	0° 41	18° 37	0° 43	23° 28	8° 16	11° 6	4° 9	4° 43	23° 55	14° 55	F 11
S 12	23 24 52	19° 39'30	18° 15	22° 38	7° 41	1° 20	18° 49	0° 50	23° 29	8° 15	11° 7	4° 6	4° 40	24° 1	14° 53	S 12
S 13	23 28 49	20° 37'34	0 <sup>h</sup> 39	24° 31	8° 54	1° 59	19° 1	0° 58	23° 30	8° 14	11° 8	4° 5	4° 36	24° 8	14° 50	S 13
M14	23 32 46	21° 35'39	12° 53	26° 23	10° 8	2° 38	19° 14	1° 5	23° 30	8° 13	11° 8	4° 3	4° 33	24° 14	14° 48	M14
T 15	23 36 42	22° 33'46	24° 57	28° 14	11° 22	3° 17	19° 26	1° 12	23° 31	8° 12	11° 9	4° 2	4° 30	24° 21	14° 45	T 15
W16	23 40 39	23° 31'54	6 <sup>h</sup> 53	0 <sup>h</sup> 3	12° 36	3° 56	19° 38	1° 20	23° 32	8° 11	11° 9	4° 2	4° 27	24° 28	14° 43	W16
T 17	23 44 35	24° 30'04	18° 44	1° 52	13° 50	4° 35	19° 50	1° 27	23° 32	8° 10	11° 10	4° 3	4° 24	24° 34	14° 40	T 17
F 18	23 48 32	25° 28'16	0 <sup>h</sup> 32	3° 39	15° 4	5° 15	20° 2	1° 35	23° 33	8° 9	11° 11	4° 3	4° 20	24° 41	14° 38	F 18
S 19	23 52 28	26° 26'30	12° 21	5° 25	16° 18	5° 54	20° 15	1° 42	23° 34	8° 8	11° 11	4° 4	4° 17	24° 48	14° 35	S 19
S 20	23 56 25	27° 24'45	24° 12	7° 10	17° 32	6° 34	20° 27	1° 50	23° 35	8° 7	11° 12	4° 5	4° 14	24° 54	14° 33	S 20
M21	0 0 21	28° 23'03	6 <sup>h</sup> 11	8° 53	18° 45	7° 13	20° 40	1° 57	23° 36	8° 6	11° 12	4° 5	4° 11	25° 1	14° 30	M21
T 22	0 4 18	29° 21'23	18° 21	10° 36	19° 59	7° 53	20° 52	2° 5	23° 37	8° 5	11° 12	4° 6	4° 8	25° 8	14° 27	T 22
W23	0 8 15	0 <sup>h</sup> 19'45	0 <sup>h</sup> 47	12° 17	21° 13	8° 33	21° 4	2° 13	23° 38	8° 4	11° 13	4° 6	4° 5	25° 14	14° 25	W23
T 24	0 12 11	1° 18'09	13° 34	13° 57	22° 27	9° 12	21° 17	2° 20	23° 39	8° 4	11° 13	4° 6	4° 1	25° 21	14° 22	T 24
F 25	0 16 8	2° 16'35	26° 44	15° 36	23° 41	9° 52	21° 30	2° 28	23° 40	8° 3	11° 14	4° 6	3° 58	25° 28	14° 20	F 25
S 26	0 20 4	3° 15'03	10 <sup>h</sup> 20	17° 15	24° 55	10° 32	21° 42	2° 35	23° 42	8° 2	11° 14	4° 6	3° 55	25° 34	14° 17	S 26
S 27	0 24 1	4° 13'33	24° 22	18° 52	26° 8	11° 12	21° 55	2° 43	23° 43	8° 1	11° 14	4° 6	3° 52	25° 41	14° 14	S 27
M28	0 27 57	5° 12'05	8 <sup>h</sup> 50	20° 28	27° 22	11° 52	22° 7	2° 50	23° 44	8° 1	11° 15	4° 6	3° 49	25° 48	14° 12	M28
T 29	0 31 54	6° 10'39	23° 39	22° 3	28° 36	12° 32	22° 20	2° 58	23° 46	8° 0	11° 15	4° 6	3° 46	25° 54	14° 9	T 29
W30	0 35 50	7 <sup>h</sup> 9'16	8 <sup>h</sup> 43	23 <sup>h</sup> 37	29 <sup>h</sup> 50	13 <sup>h</sup> 13	22 <sup>h</sup> 33	3 <sup>h</sup> 5	23 <sup>h</sup> 47	7 <sup>h</sup> 59	11 <sup>h</sup> 15	4° 6	3° 42	26° 1	14° 6	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	8n 9	7n18	1n42	12n36	1n37	3n35	1n22	9s18	0n 5	5s30	1n 6	2n 1	1n59	23s19	0s 7	17s48
W 2	7 48	0 15	0 22	11 56	1 40	3 5	1 21	9 33	0 4	5 35	1 6	1 58	1 59	23 19	0 7	17 48
T 3	7 26	6s49	1s 0	11 15	1 43	2 35	1 20	9 47	0 3	5 39	1 6	1 55	1 59	23 19	0 7	17 49
F 4	7 4	13 29	2 17	10 32	1 45	2 5	1 19	10 2	0 3	5 44	1 6	1 53	1 59	23 19	0 7	17 49
S 5	6 42	19 19	3 24	9 48	1 46	1 35	1 18	10 16	0 2	5 48	1 6	1 50	1 59	23 19	0 7	17 49
S 6	6 20	23 57	4 17	9 4	1 46	1 4	1 17	10 31	0 1	5 53	1 6	1 47	1 59	23 19	0 7	17 50
M 7	5 57	27 5	4 54	8 18	1 45	0 34	1 16	10 45	0 1	5 58	1 6	1 44	1 59	23 19	0 7	17 50
T 8	5 35	28 31	5 13	7 31	1 44	0 3	1 15	11 0	0s 0	6 2	1 6	1 41	1 59	23 19	0 7	17 50
W 9	5 13	28 14	5 14	6 44	1 43	0s27	1 14	11 14	0 1	6 7	1 6	1 38	1 59	23 19	0 7	17 51
T 10	4 50	26 21	4 59	5 57	1 40	0 57	1 12	11 28	0 2	6 11	1 5	1 35	1 59	23 19	0 7	17 51
F 11	4 28	23 9	4 30	5 9	1 38	1 28	1 11	11 42	0 2	6 16	1 5	1 32	1 59	23 19	0 7	17 51
S 12	4 5	18 54	3 47	4 21	1 34	1 58	1 9	11 57	0 3	6 21	1 5	1 29	1 59	23 19	0 7	17 52
S 13	3 42	13 55	2 55	3 33	1 30	2 29	1 8	12 11	0 4	6 25	1 5	1 26	1 59	23 19	0 7	17 52
M14	3 19	8 28	1 55	2 45	1 26	2 59	1 6	12 25	0 4	6 30	1 5	1 23	1 59	23 19	0 7	17 52
T 15	2 56	2 46	0 50	1 57	1 22	3 29	1 5	12 39	0 5	6 34	1 5	1 20	1 59	23 19	0 7	17 52
W16	2 34	2n58	0n16	1 9	1 17	4 0	1 3	12 53	0 6	6 39	1 5	1 17	1 59	23 19	0 7	17 53
T 17	2 11	8 34	1 21	0 21	1 12	4 30	1 1	13 6	0 6	6 44	1 5	1 14	1 59	23 19	0 7	17 53
F 18	1 48	13 50	2 22	0s26	1 6	5 0	0 59	13 20	0 7	6 48	1 5	1 11	1 59	23 19	0 7	17 53
S 19	1 25	18 37	3 17	1 13	1 0	5 30	0 57	13 34	0 8	6 53	1 5	1 8	1 59	23 20	0 7	17 53
S 20	1 2	22 42	4 4	2 0	0 54	6 0	0 56	13 47	0 8	6 58	1 5	1 5	1 59	23 20	0 7	17 54
M21	0 38	25 52	4 41	2 47	0 48	6 30	0 54	14 1	0 9	7 3	1 5	1 3	1 59	23 20	0 7	17 54
T 22	0 15	27 55	5 6	3 33	0 41	7 0	0 52	14 14	0 10	7 7	1 4	1 0	1 59	23 20	0 7	17 54
W23	0s 8	28 38	5 17	4 18	0 35	7 29	0 49	14 28	0 10	7 12	1 4	0 57	1 59	23 20	0 7	17 54
T 24	0 31	27 52	5 13	5 4	0 28	7 58	0 47	14 41	0 11	7 17	1 4	0 54	1 59	23 20	0 7	17 55
F 25	0 54	25 32	4 53	5 48	0 21	8 28	0 45	14 54	0 12	7 21	1 4	0 51	1 59	23 20	0 7	17 55
S 26	1 17	21 42	4 16	6 32	0 14	8 57	0 43	15 8	0 12	7 26	1 4	0 48	1 59	23 20	0 7	17 55
S 27	1 40	16 33	3 23	7 16	0 6	9 26	0 41	15 21	0 13	7 31	1 4	0 45	1 59	23 20	0 7	17 55
M28	2 4	10 20	2 16	7 59	0s 1	9 54	0 38	15 33	0 13	7 36	1 4	0 42	1 59	23 20	0 7	17 56
T 29	2 27	3 24	0 58	8 41	0 8	10 23	0 36	15 46	0 14	7 40	1 4	0 39	1 59	23 20	0 7	17 56
W30	2s50	3s50	0s26	9s23	0s16	10s51	0n34	15s59	0s15	7s45	1n 4	0n36	1n59	23s20	0s 7	17s56

Julian Day Number = 2691752.5, Delta T = 24m08s  
 Ecliptic obliquity = 23°21'24", Nutation = - 0°00'01"  
 Ayanamsha: Fagan/Bradley = 33°56'24", Lahiri = 33°03'24"

## ASTRODIENST EPHEMERIS for the year 2657

OCTOBER 2657

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 39 47	8♂ 754	23♂51	25♂10	1♂ 4	13♂53	22♂46	3♂13	23♂49	7♂59	11♂15	4♂ 6	3♂39	26♂ 8	14♂ 3	T 1
F 2	0 43 43	9° 6'33	8♂56	26°42	2°17	14°33	22°58	3°20	23°50	7♂58	11°16	4♂ 5	3°36	26°14	14♂ 1	F 2
S 3	0 47 40	10° 5'15	23°49	28°13	3°31	15°14	23°11	3°28	23°52	7°57	11°16	4° 5	3°33	26°21	13°58	S 3
S 4	0 51 37	11° 3'59	8♂23	29°42	4°45	15°54	23°24	3°35	23°53	7°57	11°16	4° 4	3°30	26°28	13°55	S 4
M 5	0 55 33	12° 2'44	22°34	1♂11	5°59	16°35	23°37	3°43	23°55	7°56	11°16	4° 3	3°26	26°34	13°53	M 5
T 6	0 59 30	13° 1'31	6♂19	2°39	7°12	17°15	23°49	3°50	23°57	7°56	11°16	4° 3	3°23	26°41	13°50	T 6
W 7	1 3 26	14° 0'19	19°40	4° 6	8°26	17°56	24° 2	3°58	23°59	7°56	11°16	4°D 3	3°20	26°48	13°47	W 7
T 8	1 7 23	14°59'09	2♂39	5°32	9°40	18°37	24°15	4° 5	24° 0	7°55	11°17	4° 3	3°17	26°54	13°44	T 8
F 9	1 11 19	15°58'01	15°19	6°57	10°54	19°18	24°28	4°13	24° 2	7°55	11°17	4° 4	3°14	27° 1	13°42	F 9
S 10	1 15 16	16°56'54	27°42	8°21	12° 7	19°59	24°41	4°20	24° 4	7°54	11°17	4° 5	3°11	27° 8	13°39	S 10
S 11	1 19 13	17°55'49	9♂53	9°44	13°21	20°39	24°54	4°27	24° 6	7°54	11°R17	4° 6	3° 7	27°14	13°36	S 11
M12	1 23 9	18°54'46	21°54	11° 5	14°35	21°20	25° 7	4°35	24° 8	7°54	11°17	4° 7	3° 4	27°21	13°34	M12
T 13	1 27 6	19°53'45	3♂48	12°26	15°48	22° 2	25°20	4°42	24°10	7°54	11°17	4°R 8	3° 1	27°27	13°31	T 13
W14	1 31 2	20°52'46	15°39	13°45	17° 2	22°43	25°33	4°49	24°12	7°53	11°17	4° 7	2°58	27°34	13°28	W14
T 15	1 34 59	21°51'48	27°27	15° 3	18°16	23°24	25°46	4°57	24°14	7°53	11°16	4° 6	2°55	27°41	13°26	T 15
F 16	1 38 55	22°50'53	9♂16	16°20	19°29	24° 5	25°59	5° 4	24°16	7°53	11°16	4° 4	2°52	27°47	13°23	F 16
S 17	1 42 52	23°50'00	21° 7	17°35	20°43	24°47	26°12	5°11	24°19	7°53	11°16	4° 1	2°48	27°54	13°20	S 17
S 18	1 46 48	24°49'09	3♂ 3	18°49	21°57	25°28	26°25	5°19	24°21	7°53	11°16	3°58	2°45	28° 1	13°18	S 18
M19	1 50 45	25°48'20	15° 6	20° 1	23°10	26°10	26°38	5°26	24°23	7°53	11°16	3°54	2°42	28° 7	13°15	M19
T 20	1 54 41	26°47'34	27° 19	21°11	24°24	26°51	26°51	5°33	24°26	7°D53	11°16	3°51	2°39	28°14	13°12	T 20
W21	1 58 38	27°46'50	9♂46	22°20	25°37	27°33	27° 4	5°40	24°28	7°53	11°16	3°49	2°36	28°21	13°10	W21
T 22	2 2 35	28°46'08	22°29	23°27	26°51	28°14	27°17	5°47	24°30	7°53	11°15	3°48	2°32	28°27	13° 7	T 22
F 23	2 6 31	29°45'28	5♂32	24°31	28° 4	28°56	27°29	5°55	24°33	7°53	11°15	3°D48	2°29	28°34	13° 4	F 23
S 24	2 10 28	0♂44'50	18°58	25°33	29°18	29°38	27°42	6° 2	24°35	7°53	11°15	3°48	2°26	28°41	13° 2	S 24
S 25	2 14 24	1°44'15	2♂50	26°33	0♂31	0♂20	27°55	6° 9	24°38	7°53	11°15	3°50	2°23	28°47	12°59	S 25
M26	2 18 21	2°43'42	17° 7	27°30	1°45	1° 2	28° 8	6°16	24°40	7°54	11°14	3°51	2°20	28°54	12°57	M26
T 27	2 22 17	3°43'12	1♂49	28°24	2°59	1°44	28°21	6°23	24°43	7°54	11°14	3°R52	2°17	29° 1	12°54	T 27
W28	2 26 14	4°42'43	16°49	29°14	4°12	2°26	28°34	6°30	24°46	7°54	11°13	3°52	2°13	29° 7	12°52	W28
T 29	2 30 10	5°42'17	2♂ 1	0♂ 1	5°26	3° 8	28°47	6°37	24°48	7°54	11°13	3°49	2°10	29°14	12°49	T 29
F 30	2 34 7	6°41'52	17°16	0°43	6°39	3°50	29° 0	6°44	24°51	7°55	11°13	3°46	2° 7	29°21	12°47	F 30
S 31	2 38 4	7♂41'30	2♂22	1♂21	7♂52	4♂33	29♂13	6♂50	24♂54	7♂55	11♂12	3♂41	2♂ 4	29♂27	12♂44	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
T 1	3s13	10s54	1s48	10s 4	0s23	11s19	0n31	16s12	0s15	7s50	1n 4	0n33	1n59	23s20	0s 7	17s56
F 2	3 36	17 18	3 2	10 44	0 31	11 47	0 29	16 24	0 16	7 55	1 4	0 30	1 59	23 20	0 7	17 56
S 3	3 59	22 35	4 3	11 24	0 38	12 14	0 26	16 37	0 17	7 59	1 4	0 27	1 59	23 20	0 7	17 56
S 4	4 22	26 20	4 46	12 3	0 46	12 41	0 24	16 49	0 17	8 4	1 4	0 24	1 59	23 20	0 8	17 57
M 5	4 45	28 19	5 11	12 41	0 53	13 8	0 21	17 1	0 18	8 9	1 4	0 21	1 59	23 21	0 8	17 57
T 6	5 8	28 29	5 17	13 18	1 1	13 35	0 18	17 13	0 19	8 14	1 4	0 19	2 0	23 21	0 8	17 57
W 7	5 30	26 58	5 6	13 55	1 8	14 1	0 16	17 25	0 19	8 18	1 4	0 16	2 0	23 21	0 8	17 57
T 8	5 53	24 1	4 39	14 31	1 16	14 27	0 13	17 37	0 20	8 23	1 4	0 13	2 0	23 21	0 8	17 57
F 9	6 16	19 59	3 59	15 6	1 23	14 53	0 11	17 49	0 20	8 28	1 4	0 10	2 0	23 21	0 8	17 57
S 10	6 38	15 11	3 8	15 40	1 30	15 18	0 8	18 1	0 21	8 33	1 4	0 7	2 0	23 21	0 8	17 57
S 11	7 1	9 51	2 10	16 13	1 37	15 43	0 5	18 12	0 22	8 37	1 4	0 4	2 0	23 21	0 8	17 57
M12	7 23	4 14	1 7	16 45	1 44	16 7	0 2	18 23	0 22	8 42	1 4	0 1	2 0	23 21	0 8	17 58
T 13	7 45	1n29	0 2	17 17	1 51	16 31	0s 0	18 35	0 23	8 47	1 4	0s 1	2 0	23 21	0 8	17 58
W14	8 7	7 7	1n 3	17 47	1 58	16 55	0 3	18 46	0 23	8 51	1 3	0 4	2 0	23 21	0 8	17 58
T 15	8 29	12 29	2 5	18 17	2 5	17 18	0 6	18 57	0 24	8 56	1 3	0 7	2 0	23 21	0 8	17 58
F 16	8 51	17 25	3 2	18 45	2 11	17 41	0 9	19 7	0 24	9 1	1 3	0 10	2 0	23 22	0 8	17 58
S 17	9 13	21 41	3 51	19 13	2 17	18 3	0 12	19 18	0 25	9 6	1 3	0 13	2 0	23 22	0 8	17 58
S 18	9 35	25 7	4 30	19 39	2 23	18 25	0 15	19 29	0 26	9 10	1 3	0 15	2 1	23 22	0 8	17 58
M19	9 56	27 28	4 58	20 5	2 29	18 47	0 17	19 39	0 26	9 15	1 3	0 18	2 1	23 22	0 8	17 58
T 20	10 18	28 32	5 12	20 29	2 35	19 8	0 20	19 49	0 27	9 20	1 3	0 21	2 1	23 22	0 8	17 58
W21	10 39	28 12	5 13	20 52	2 40	19 28	0 23	19 59	0 27	9 24	1 3	0 24	2 1	23 22	0 8	17 58
T 22	11 0	26 23	4 58	21 14	2 45	19 48	0 26	20 9	0 28	9 29	1 3	0 26	2 1	23 22	0 8	17 58
F 23	11 21	23 9	4 28	21 34	2 49	20 8	0 29	20 19	0 29	9 34	1 3	0 29	2 1	23 22	0 8	17 58
S 24	11 42	18 36	3 42	21 54	2 54	20 27	0 32	20 29	0 29	9 38	1 3	0 32	2 1	23 22	0 8	17 58
S 25	12 2	12 57	2 42	22 11	2 57	20 45	0 35	20 38	0 30	9 43	1 3	0 34	2 1	23 22	0 8	17 58
M26	12 23	6 28	1 31	22 28	3 1	21 3	0 37	20 47	0 30	9 47	1 3	0 37	2 2	23 23	0 8	17 58
T 27	12 43	0s33	0 11	22 43	3 3	21 20	0 40	20 56	0 31	9 52	1 3	0 40	2 2	23 23	0 8	17 58
W28	13 3	7 40	1s10	22 56	3 6	21 37	0 43	21 5	0 31	9 57	1 3	0 42	2 2	23 23	0 8	17 58
T 29	13 23	14 27	2 28	23 8	3 7	21 53	0 46	21 14	0 32	10 1	1 3	0 45	2 2	23 23	0 8	17 58
F 30	13 42	20 22	3 35	23 18	3 8	22 9	0 49	21 23	0 32	10 6	1 3	0 48	2 2	23 23	0 8	17 58
S 31	14s 2	24s55	4s27	23s26	3s 8	22s24	0s52	21s31	0s33	10s10	1n 3	0s50	2n 2	23s23	0s 8	17s58

Julian Day Number = 2691782.5, Delta T = 24m08s

Ecliptic obliquity = 23°21'24", Nutation = - 0°00'02"

Ayanamsha: Fagan/Bradley = 33°56'28", Lahiri = 33°03'28"

## ASTRODIENST EPHEMERIS for the year 2657

NOVEMBER 2657

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 42 0	8♍41°09	17♌10	1♊54	9♏6	5♌15	29♎26	6♏57	24♌57	7♎55	11°R12	3°R36	2°Y 1	29°Y34	12°R42	S 1
M 2	2 45 57	9°40'51	1♌34	2°22	10°19	5°58	29°39	7°4	24°59	7°56	11°11	3°Y31	1°57	29°41	12°Y40	M 2
T 3	2 49 53	10°40'34	15°29	2°43	11°33	6°40	29°52	7°11	25°2	7°56	11°11	3°27	1°54	29°47	12°37	T 3
W 4	2 53 50	11°40'18	28°56	2°58	12°46	7°23	0♍5	7°17	25°5	7°57	11°10	3°24	1°51	29°54	12°35	W 4
T 5	2 57 46	12°40'05	11♎56	3°R 6	14°0	8°5	0°18	7°24	25°8	7°57	11°10	3°D24	1°48	0♏1	12°33	T 5
F 6	3 1 43	13°39'52	24°33	3°6	15°13	8°48	0°30	7°31	25°11	7°58	11°9	3°24	1°45	0°7	12°31	F 6
S 7	3 5 39	14°39'42	6♏51	2°57	16°26	9°31	0°43	7°37	25°14	7°58	11°9	3°26	1°42	0°14	12°28	S 7
S 8	3 9 36	15°39'33	18°54	2°40	17°40	10°13	0°56	7°44	25°17	7°59	11°8	3°27	1°38	0°21	12°26	S 8
M 9	3 13 33	16°39'26	0°Y49	2°13	18°53	10°56	1°9	7°50	25°20	8°0	11°8	3°R28	1°35	0°27	12°24	M 9
T 10	3 17 29	17°39'20	12°38	1°37	20°6	11°39	1°22	7°56	25°23	8°0	11°7	3°28	1°32	0°34	12°22	T 10
W 11	3 21 26	18°39'16	24°25	0°52	21°20	12°22	1°34	8°3	25°26	8°1	11°6	3°25	1°29	0°41	12°20	W 11
T 12	3 25 22	19°39'14	6♏14	29♍58	22°33	13°5	1°47	8°9	25°29	8°2	11°6	3°21	1°26	0°47	12°18	T 12
F 13	3 29 19	20°39'14	18°7	28°56	23°46	13°48	2°0	8°15	25°32	8°3	11°5	3°14	1°23	0°54	12°16	F 13
S 14	3 33 15	21°39'16	0♍5	27°46	24°59	14°32	2°12	8°22	25°36	8°4	11°4	3°5	1°19	1°1	12°14	S 14
S 15	3 37 12	22°39'19	12°10	26°32	26°12	15°15	2°25	8°28	25°39	8°4	11°3	2°56	1°16	1°7	12°12	S 15
M 16	3 41 8	23°39'25	24°23	25°14	27°26	15°58	2°37	8°34	25°42	8°5	11°3	2°46	1°13	1°14	12°10	M 16
T 17	3 45 5	24°39'32	6♏46	23°55	28°39	16°42	2°50	8°40	25°45	8°6	11°2	2°37	1°10	1°21	12°8	T 17
W 18	3 49 2	25°39'42	19°20	22°37	29°52	17°25	3°2	8°46	25°49	8°7	11°1	2°29	1°7	1°27	12°7	W 18
T 19	3 52 58	26°39'53	2♏7	21°24	1♌5	18°9	3°15	8°52	25°52	8°8	11°0	2°24	1°3	1°34	12°5	T 19
F 20	3 56 55	27°40'06	15°9	20°17	2°18	18°52	3°27	8°57	25°55	8°9	11°0	2°21	1°0	1°41	12°3	F 20
S 21	4 0 51	28°40'21	28°29	19°18	3°31	19°36	3°40	9°3	25°59	8°10	10°59	2°D20	0°57	1°47	12°1	S 21
S 22	4 4 48	29°40'39	12♍9	18°29	4°44	20°19	3°52	9°9	26°2	8°11	10°58	2°21	0°54	1°54	12°0	S 22
M 23	4 8 44	0♌40'58	26°11	17°51	5°57	21°3	4°4	9°15	26°5	8°12	10°57	2°R21	0°51	2°1	11°58	M 23
T 24	4 12 41	1°41'19	10♎35	17°25	7°10	21°47	4°17	9°20	26°9	8°14	10°56	2°21	0°48	2°7	11°57	T 24
W 25	4 16 37	2°41'42	25°18	17°11	8°23	22°31	4°29	9°26	26°12	8°15	10°55	2°19	0°44	2°14	11°55	W 25
T 26	4 20 34	3°42'07	10♍16	17°D 8	9°36	23°15	4°41	9°31	26°16	8°16	10°54	2°15	0°41	2°21	11°54	T 26
F 27	4 24 31	4°42'34	25°22	17°16	10°49	23°59	4°53	9°36	26°19	8°17	10°53	2°7	0°38	2°27	11°52	F 27
S 28	4 28 27	5°43'02	10♌24	17°34	12°2	24°43	5°5	9°42	26°23	8°18	10°53	1°58	0°35	2°34	11°51	S 28
S 29	4 32 24	6°43'32	25°15	18°1	13°14	25°27	5°17	9°47	26°26	8°20	10°52	1°48	0°32	2°41	11°50	S 29
M 30	4 36 20	7°44'03	9♌44	18♍38	14♌27	26♌11	5♍29	9♎52	26♌30	8♎21	10°51	1°Y37	0°Y29	2♌47	11°Y48	M 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	14s21	27s42	4s59	23s32	3s 7	22s38	0s54	21s39	0s33	10s15	1n 3	0s53	2n 2	23s23	0s 8	17s58
M 2	14 40	28 32	5 11	23 36	3 6	22 52	0 57	21 47	0 34	10 19	1 3	0 55	2 2	23 23	0 8	17 57
T 3	14 59	27 30	5 5	23 37	3 3	23 5	1 0	21 55	0 35	10 24	1 3	0 58	2 3	23 23	0 8	17 57
W 4	15 17	24 53	4 41	23 37	2 59	23 17	1 3	22 3	0 35	10 28	1 3	1 0	2 3	23 24	0 8	17 57
T 5	15 35	21 3	4 4	23 33	2 54	23 29	1 5	22 10	0 36	10 33	1 3	1 3	2 3	23 24	0 8	17 57
F 6	15 53	16 22	3 16	23 27	2 48	23 40	1 8	22 17	0 36	10 37	1 3	1 5	2 3	23 24	0 8	17 57
S 7	16 11	11 8	2 20	23 18	2 40	23 50	1 11	22 24	0 37	10 42	1 4	1 7	2 3	23 24	0 8	17 57
S 8	16 28	5 35	1 18	23 5	2 31	24 0	1 13	22 31	0 37	10 46	1 4	1 10	2 3	23 24	0 8	17 57
M 9	16 45	0n 6	0 14	22 49	2 20	24 9	1 16	22 38	0 38	10 50	1 4	1 12	2 4	23 24	0 8	17 57
T 10	17 2	5 44	0n50	22 29	2 7	24 17	1 18	22 44	0 38	10 55	1 4	1 15	2 4	23 24	0 8	17 56
W 11	17 19	11 9	1 51	22 6	1 53	24 25	1 21	22 50	0 39	10 59	1 4	1 17	2 4	23 24	0 8	17 56
T 12	17 35	16 12	2 48	21 39	1 37	24 32	1 23	22 56	0 39	11 3	1 4	1 19	2 4	23 24	0 8	17 56
F 13	17 51	20 39	3 37	21 8	1 19	24 38	1 26	23 2	0 40	11 8	1 4	1 22	2 4	23 25	0 8	17 56
S 14	18 7	24 17	4 17	20 35	1 0	24 44	1 28	23 8	0 40	11 12	1 4	1 24	2 4	23 25	0 8	17 56
S 15	18 22	26 54	4 47	19 58	0 41	24 48	1 30	23 13	0 41	11 16	1 4	1 26	2 5	23 25	0 8	17 55
M 16	18 37	28 17	5 3	19 20	0 20	24 52	1 33	23 18	0 41	11 20	1 4	1 28	2 5	23 25	0 8	17 55
T 17	18 52	28 16	5 5	18 41	0n 0	24 56	1 35	23 23	0 42	11 25	1 4	1 30	2 5	23 25	0 8	17 55
W 18	19 6	26 48	4 53	18 2	0 21	24 58	1 37	23 28	0 42	11 29	1 4	1 33	2 5	23 25	0 8	17 55
T 19	19 21	23 57	4 26	17 24	0 41	25 0	1 39	23 32	0 43	11 33	1 4	1 35	2 5	23 25	0 8	17 55
F 20	19 34	19 49	3 45	16 48	0 59	25 1	1 41	23 36	0 43	11 37	1 4	1 37	2 6	23 25	0 8	17 54
S 21	19 48	14 38	2 51	16 16	1 16	25 2	1 43	23 40	0 43	11 41	1 4	1 39	2 6	23 25	0 8	17 54
S 22	20 1	8 37	1 46	15 48	1 32	25 2	1 45	23 44	0 44	11 45	1 4	1 41	2 6	23 26	0 8	17 54
M 23	20 13	2 1	0 33	15 25	1 45	25 0	1 47	23 48	0 44	11 50	1 4	1 43	2 6	23 26	0 8	17 54
T 24	20 26	4s51	0s44	15 6	1 57	24 59	1 49	23 51	0 45	11 54	1 4	1 45	2 6	23 26	0 8	17 53
W 25	20 38	11 37	1 59	14 53	2 6	24 56	1 51	23 54	0 45	11 58	1 4	1 47	2 7	23 26	0 8	17 53
T 26	20 49	17 49	3 8	14 45	2 14	24 53	1 53	23 57	0 46	12 2	1 4	1 49	2 7	23 26	0 8	17 53
F 27	21 0	22 59	4 4	14 42	2 19	24 49	1 54	23 59	0 46	12 6	1 4	1 51	2 7	23 26	0 8	17 52
S 28	21 11	26 35	4 42	14 43	2 23	24 44	1 56	24 2	0 47	12 10	1 4	1 53	2 7	23 26	0 8	17 52
S 29	21 21	28 17	5 1	14 49	2 26	24 39	1 57	24 4	0 47	12 13	1 5	1 55	2 7	23 26	0 8	17 52
M 30	21s31	27s59	5s 0	14s57	2n27	24s32	1s59	24s 6	0s48	12s17	1n 5	1s56	2n 8	23s26	0s 8	17s51

Julian Day Number = 2691813.5, Delta T = 24m08s

Ecliptic obliquity = 23°21'23", Nutation = - 0°00'02"

Ayanamsha: Fagan/Bradley = 33°56'33", Lahiri = 33°03'33"

## ASTRODIENST EPHEMERIS for the year 2657

DECEMBER 2657

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 40 17	8°44'36"	23°47'	19°22'	15°34'	26°55'	5°41'	9°57'	26°33'	8°22'	10°50'	1°28'	0°25'	2°54'	11°47'	T 1
W 2	4 44 13	9°45'10"	7°21'	20°12'	16°53'	27°40'	5°53'	10° 2'	26°37'	8°24'	10°54'	1°22'	0°22'	3° 1'	11°46'	W 2
T 3	4 48 10	10°45'45"	20°27'	21° 9'	18° 5'	28°24'	6° 5'	10° 7'	26°40'	8°25'	10°48'	1°17'	0°19'	3° 7'	11°45'	T 3
F 4	4 52 7	11°46'21"	3° 6'	22°11'	19°18'	29° 9'	6°16'	10°12'	26°44'	8°27'	10°47'	1°16'	0°16'	3°14'	11°44'	F 4
S 5	4 56 3	12°46'59"	15°25'	23°17'	20°31'	29°53'	6°28'	10°17'	26°47'	8°28'	10°46'	1°D15'	0°13'	3°21'	11°43'	S 5
S 6	5 0 0	13°47'37"	27°28'	24°27'	21°43'	0°38'	6°40'	10°21'	26°51'	8°29'	10°45'	1°R16'	0° 9'	3°27'	11°42'	S 6
M 7	5 3 56	14°48'16"	9°21'	25°41'	22°56'	1°22'	6°51'	10°26'	26°55'	8°31'	10°43'	1°15'	0° 6'	3°34'	11°41'	M 7
T 8	5 7 53	15°48'57"	21° 9'	26°57'	24° 8'	2° 7'	7° 3'	10°30'	26°58'	8°32'	10°42'	1°14'	0° 3'	3°41'	11°40'	T 8
W 9	5 11 49	16°49'39"	2°56'	28°16'	25°21'	2°51'	7°14'	10°35'	27° 2'	8°34'	10°41'	1° 9'	29°59'	3°47'	11°39'	W 9
T 10	5 15 46	17°50'21"	14°48'	29°37'	26°33'	3°36'	7°25'	10°39'	27° 6'	8°36'	10°40'	1° 2'	29°57'	3°54'	11°39'	T 10
F 11	5 19 42	18°51'05"	26°46'	1° 0'	27°45'	4°21'	7°37'	10°44'	27° 9'	8°37'	10°39'	0°52'	29°54'	4° 1'	11°38'	F 11
S 12	5 23 39	19°51'50"	8°53'	2°24'	28°57'	5° 6'	7°48'	10°48'	27°13'	8°39'	10°38'	0°40'	29°50'	4° 7'	11°37'	S 12
S 13	5 27 36	20°52'36"	21°11'	3°50'	0°10'	5°51'	7°59'	10°52'	27°16'	8°41'	10°37'	0°26'	29°47'	4°14'	11°37'	S 13
M14	5 31 32	21°53'24"	3°40'	5°17'	1°22'	6°36'	8°10'	10°56'	27°20'	8°42'	10°36'	0°12'	29°44'	4°21'	11°36'	M14
T 15	5 35 29	22°54'12"	16°19'	6°44'	2°34'	7°21'	8°21'	11° 0'	27°24'	8°44'	10°35'	29°58'	29°41'	4°27'	11°36'	T 15
W16	5 39 25	23°55'02"	29° 9'	8°13'	3°46'	8° 6'	8°32'	11° 4'	27°27'	8°46'	10°34'	29°47'	29°38'	4°34'	11°35'	W16
T 17	5 43 22	24°55'53"	12°10'	9°42'	4°58'	8°51'	8°43'	11° 7'	27°31'	8°47'	10°32'	29°39'	29°35'	4°41'	11°35'	T 17
F 18	5 47 18	25°56'45"	25°23'	11°11'	6°10'	9°36'	8°54'	11°11'	27°35'	8°49'	10°31'	29°33'	29°31'	4°47'	11°35'	F 18
S 19	5 51 15	26°57'38"	8°47'	12°41'	7°22'	10°21'	9° 4'	11°15'	27°38'	8°51'	10°30'	29°31'	29°28'	4°54'	11°35'	S 19
S 20	5 55 11	27°58'32"	22°25'	14°12'	8°33'	11° 6'	9°15'	11°18'	27°42'	8°53'	10°29'	29°30'	29°25'	5° 1'	11°34'	S 20
M21	5 59 8	28°59'28"	6°18'	15°43'	9°45'	11°52'	9°25'	11°21'	27°46'	8°55'	10°28'	29°30'	29°22'	5° 7'	11°34'	M21
T 22	6 3 5	0°25'	20°25'	17°14'	10°57'	12°37'	9°36'	11°25'	27°49'	8°56'	10°27'	29°29'	29°19'	5°14'	11°34'	T 22
W23	6 7 1	1° 1'23"	4°18'	18°45'	12° 8'	13°23'	9°46'	11°28'	27°53'	8°58'	10°25'	29°26'	29°15'	5°21'	11°34'	W23
T 24	6 10 58	2° 2'22"	19°22'	20°17'	13°20'	14° 8'	9°56'	11°31'	27°57'	9° 0'	10°24'	29°21'	29°12'	5°27'	11°34'	T 24
F 25	6 14 54	3° 3'23"	4° 4'	21°49'	14°31'	14°54'	10° 6'	11°34'	28° 1'	9° 2'	10°23'	29°12'	29° 9'	5°34'	11°34'	F 25
S 26	6 18 51	4° 4'24"	18°46'	23°21'	15°42'	15°39'	10°16'	11°37'	28° 4'	9° 4'	10°22'	29° 1'	29° 6'	5°41'	11°34'	S 26
S 27	6 22 47	5° 5'26"	3°21'	24°53'	16°54'	16°25'	10°26'	11°40'	28° 8'	9° 6'	10°21'	28°49'	29° 3'	5°47'	11°35'	S 27
M28	6 26 44	6° 6'29"	17°40'	26°26'	18° 5'	17°11'	10°36'	11°42'	28°11'	9° 8'	10°20'	28°37'	29° 0'	5°54'	11°35'	M28
T 29	6 30 41	7° 7'32"	1°39'	27°58'	19°16'	17°56'	10°46'	11°45'	28°15'	9°10'	10°18'	28°25'	28° 5'	6° 1'	11°35'	T 29
W30	6 34 37	8° 8'36"	15°12'	29°31'	20°27'	18°42'	10°55'	11°47'	28°19'	9°12'	10°17'	28°17'	28°53'	6° 7'	11°36'	W30
T 31	6 38 34	9° 9'40"	28°20'	1° 4'	21°38'	19°28'	11°15'	11°50'	28°22'	9°14'	10°16'	28°11'	28°50'	6°14'	11°36'	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	21s41	25s53	4s41	15s10	2n26	24s26	2s 0	24s 7	0s48	12s21	1n 5	1s58	2n 8	23s26	0s 8	T 1
W 2	21 50	22 20	4 6	15 24	2 25	24 18	2 1	24 8	0 48	12 25	1 5	2 0	2 8	23 27	0 8	W 2
T 3	21 59	17 46	3 19	15 41	2 23	24 10	2 2	24 10	0 49	12 29	1 5	2 2	2 8	23 27	0 8	T 3
F 4	22 7	12 34	2 24	16 0	2 19	24 1	2 4	24 10	0 49	12 33	1 5	2 3	2 9	23 27	0 8	F 4
S 5	22 15	7 0	1 23	16 21	2 15	23 51	2 5	24 11	0 50	12 36	1 5	2 5	2 9	23 27	0 8	S 5
S 6	22 23	1 19	0 20	16 42	2 11	23 41	2 6	24 11	0 50	12 40	1 5	2 6	2 9	23 27	0 8	S 6
M 7	22 30	4n21	0n43	17 5	2 6	23 30	2 6	24 11	0 50	12 44	1 5	2 8	2 9	23 27	0 8	M 7
T 8	22 36	9 49	1 44	17 28	2 0	23 18	2 7	24 11	0 51	12 47	1 5	2 10	2 9	23 27	0 8	T 8
W 9	22 42	14 57	2 40	17 51	1 54	23 6	2 8	24 11	0 51	12 51	1 5	2 11	2 10	23 27	0 8	W 9
T 10	22 48	19 33	3 29	18 15	1 48	22 52	2 9	24 10	0 52	12 55	1 5	2 13	2 10	23 27	0 8	T 10
F 11	22 53	23 24	4 9	18 38	1 41	22 39	2 9	24 9	0 52	12 58	1 5	2 14	2 10	23 27	0 8	F 11
S 12	22 58	26 18	4 39	19 2	1 34	22 25	2 9	24 8	0 52	13 2	1 6	2 15	2 10	23 27	0 8	S 12
S 13	23 3	27 59	4 56	19 25	1 27	22 10	2 10	24 6	0 53	13 5	1 6	2 17	2 11	23 28	0 8	S 13
M14	23 7	28 17	4 59	19 48	1 20	21 54	2 10	24 5	0 53	13 9	1 6	2 18	2 11	23 28	0 8	M14
T 15	23 10	27 8	4 48	20 10	1 13	21 38	2 10	24 3	0 53	13 12	1 6	2 19	2 11	23 28	0 8	T 15
W16	23 13	24 32	4 22	20 31	1 5	21 21	2 10	24 0	0 54	13 15	1 6	2 21	2 11	23 28	0 8	W16
T 17	23 16	20 38	3 42	20 52	0 58	21 4	2 10	23 58	0 54	13 19	1 6	2 22	2 12	23 28	0 8	T 17
F 18	23 18	15 41	2 50	21 13	0 50	20 46	2 10	23 55	0 54	13 22	1 6	2 23	2 12	23 28	0 8	F 18
S 19	23 19	9 54	1 47	21 32	0 43	20 28	2 10	23 52	0 55	13 25	1 6	2 24	2 12	23 28	0 8	S 19
S 20	23 20	3 34	0 37	21 50	0 36	20 9	2 9	23 49	0 55	13 29	1 6	2 25	2 12	23 28	0 8	S 20
M21	23 21	3s 2	0s36	22 8	0 28	19 49	2 9	23 45	0 55	13 32	1 7	2 26	2 13	23 28	0 8	M21
T 22	23 21	9 37	1 48	22 24	0 21	19 29	2 8	23 41	0 56	13 35	1 7	2 27	2 13	23 28	0 8	T 22
W23	23 21	15 49	2 55	22 40	0 13	19 8	2 8	23 37	0 56	13 38	1 7	2 28	2 13	23 28	0 8	W23
T 24	23 20	21 13	3 51	22 54	0 6	18 47	2 7	23 33	0 56	13 41	1 7	2 29	2 14	23 28	0 8	T 24
F 25	23 19	25 20	4 32	23 7	0s 1	18 26	2 6	23 28	0 57	13 44	1 7	2 30	2 14	23 28	0 8	F 25
S 26	23 18	27 47	4 55	23 20	0 8	18 4	2 5	23 23	0 57	13 47	1 7	2 31	2 14	23 29	0 8	S 26
S 27	23 16	28 18	4 59	23 31	0 15	17 41	2 4	23 18	0 57	13 50	1 7	2 32	2 14	23 29	0 8	S 27
M28	23 13	26 53	4 44	23 40	0 22	17 18	2 3	23 13	0 58	13 53	1 7	2 33	2 15	23 29	0 8	M28
T 29	23 10	23 49	4 12	23 49	0 29	16 55	2 2	23 7	0 58	13 56	1 8	2 33	2 15	23 29	0 8	T 29
W30	23 6	19 30	3 26	23 57	0 35	16 31	2 0	23 1	0 58	13 59	1 8	2 34	2 15	23 29	0 8	W30
T 31	23s 2	14s22	2s31	24s 3	0s42	16s 7	1s59	22s55	0s59	14s 2	1n 8	2s35	2n15	23s29	0s 8	T 31

Julian Day Number = 2691843.5, Delta T = 24m09s

Ecliptic obliquity = 23°21'22", Nutation = - 0°00'01"

Ayanamsha: Fagan/Bradley = 33°56'37", Lahiri = 33°03'37"

## ASTRODIENST EPHEMERIS for the year 2658

JANUARY 2658

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	6 42 30	10°31'45"	11°11'3"	2°37'	22°49'	20°14'	11°14'	11°52'	28°26'	9°16'	10°R15	28°R 7	28°47'	6°21'	11°36'	F 1
S 2	6 46 27	11°11'49"	23°25'	4°11'	23°59'	21° 0'	11°24'	11°54'	28°30'	9°18'	10°D14	28°D 6	28°44'	6°27'	11°37'	S 2
S 3	6 50 23	12°12'54"	5°30'	5°44'	25°10'	21°46'	11°33'	11°56'	28°33'	9°20'	10°12'	28°H 6	28°41'	6°34'	11°38'	S 3
M 4	6 54 20	13°13'59"	17°25'	7°18'	26°20'	22°32'	11°42'	11°58'	28°37'	9°22'	10°11'	28°R 6	28°37'	6°41'	11°38'	M 4
T 5	6 58 16	14°15'04"	29°14'	8°52'	27°31'	23°18'	11°51'	12° 0'	28°40'	9°24'	10°10'	28° 5	28°34'	6°47'	11°39'	T 5
W 6	7 2 13	15°16'10"	11°3'	10°26'	28°41'	24° 4'	12° 0'	12° 2'	28°44'	9°26'	10° 9'	28° 2	28°31'	6°54'	11°40'	W 6
T 7	7 6 10	16°17'15"	22°57'	12° 1'	29°51'	24°50'	12° 9'	12° 3'	28°48'	9°29'	10° 8'	27°56'	28°28'	7° 1'	11°40'	T 7
F 8	7 10 6	17°18'21"	4°15'	13°35'	1°11'	25°36'	12°17'	12° 5'	28°51'	9°31'	10° 6'	27°48'	28°25'	7° 7'	11°41'	F 8
S 9	7 14 3	18°19'26"	17°14'	15°10'	2°11'	26°22'	12°26'	12° 6'	28°55'	9°33'	10° 5'	27°37'	28°22'	7°14'	11°42'	S 9
S 10	7 17 59	19°20'32"	29°44'	16°46'	3°20'	27° 8'	12°34'	12° 8'	28°58'	9°35'	10° 4'	27°25'	28°18'	7°21'	11°43'	S 10
M11	7 21 56	20°21'38"	12°28'	18°21'	4°30'	27°55'	12°42'	12° 9'	29° 2'	9°37'	10° 3'	27°12'	28°15'	7°28'	11°44'	M11
T 12	7 25 52	21°22'44"	25°27'	19°57'	5°39'	28°41'	12°50'	12°10'	29° 5'	9°39'	10° 2'	27° 0'	28°12'	7°34'	11°45'	T 12
W13	7 29 49	22°23'50"	8°29'	21°33'	6°48'	29°27'	12°58'	12°11'	29° 9'	9°42'	10° 0'	26°50'	28° 9'	7°41'	11°46'	W13
T 14	7 33 45	23°24'56"	22° 4'	23°10'	7°57'	0°14'	13° 6'	12°12'	29°12'	9°44'	9°59'	26°43'	28° 6'	7°48'	11°48'	T 14
F 15	7 37 42	24°26'02"	5°38'	24°47'	9° 6'	1° 0'	13°14'	12°12'	29°15'	9°46'	9°58'	26°38'	28° 2'	7°54'	11°49'	F 15
S 16	7 41 39	25°27'08"	19°20'	26°24'	10°15'	1°47'	13°22'	12°13'	29°19'	9°48'	9°57'	26°36'	27°59'	8° 1'	11°50'	S 16
S 17	7 45 35	26°28'15"	3°10'	28° 2'	11°24'	2°33'	13°29'	12°14'	29°22'	9°50'	9°56'	26°D36	27°56'	8° 8'	11°51'	S 17
M18	7 49 32	27°29'22"	17° 7'	29°40'	12°32'	3°20'	13°37'	12°14'	29°26'	9°53'	9°55'	26°37'	27°53'	8°14'	11°53'	M18
T 19	7 53 28	28°30'28"	1°11'	1°19'	13°40'	4° 6'	13°44'	12°14'	29°29'	9°55'	9°54'	26°R37	27°50'	8°21'	11°54'	T 19
W20	7 57 25	29°31'36"	2°58'	14°48'	4°53'	13°51'	12°15'	29°32'	9°57'	9°52'	26°36'	27°47'	8°28'	11°56'	W20	
T 21	8 1 21	0°32'43"	29°34'	4°37'	15°56'	5°39'	13°58'	12°15'	29°35'	9°59'	9°51'	26°33'	27°43'	8°34'	11°57'	T 21
F 22	8 5 18	1°33'50"	13°49'	6°17'	17° 4'	6°26'	14° 5'	12°R15	29°39'	10° 2'	9°50'	26°27'	27°40'	8°41'	11°59'	F 22
S 23	8 9 14	2°34'58"	28° 3'	7°57'	18°11'	7°13'	14°11'	12°15'	29°42'	10° 4'	9°49'	26°19'	27°37'	8°48'	12° 0'	S 23
S 24	8 13 11	3°36'05"	12°31'	9°37'	19°19'	8° 0'	14°18'	12°14'	29°45'	10° 6'	9°48'	26°10'	27°34'	8°54'	12° 2'	S 24
M25	8 17 8	4°37'12"	26° 5'	11°18'	20°26'	8°46'	14°24'	12°14'	29°48'	10° 8'	9°47'	26° 1'	27°31'	9° 1'	12° 4'	M25
T 26	8 21 4	5°38'19"	9°45'	12°59'	21°33'	9°33'	14°30'	12°14'	29°52'	10°11'	9°46'	25°52'	27°28'	9° 8'	12° 6'	T 26
W27	8 25 1	6°39'25"	23° 5'	14°41'	22°39'	10°20'	14°36'	12°13'	29°55'	10°13'	9°45'	25°46'	27°24'	9°14'	12° 8'	W27
T 28	8 28 57	7°40'31"	6°16'	16°22'	23°46'	11° 7'	14°42'	12°13'	29°58'	10°15'	9°44'	25°42'	27°21'	9°21'	12° 9'	T 28
F 29	8 32 54	8°41'36"	18°46'	18° 4'	24°52'	11°54'	14°48'	12°12'	0° 1'	10°18'	9°43'	25°39'	27°18'	9°28'	12°11'	F 29
S 30	8 36 50	9°42'40"	1°17'	19°46'	25°58'	12°41'	14°54'	12°11'	0° 4'	10°20'	9°42'	25°D39	27°15'	9°34'	12°13'	S 30
S 31	8 40 47	10°43'43"	13°14'	21°28'	27°11'	13°28'	14°59'	12°10'	0° 7'	10°22'	9°41'	25°H41	27°12'	9°41'	12°15'	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	22s58	8s46	1s29	24s 8	0s48	15s43	1s57	22s48	0s59	14s 4	1n 8	2s35	2n16	23s29	0s 8	17s38
S 2	22 53	2 59	0 25	24 11	0 54	15 18	1 55	22 42	0 59	14 7	1 8	2 36	2 16	23 29	0 8	17 37
S 3	22 48	2n47	0n39	24 14	1 0	14 52	1 53	22 35	0 59	14 10	1 8	2 37	2 16	23 29	0 8	17 37
M 4	22 42	8 22	1 41	24 15	1 6	14 27	1 51	22 28	1 0	14 12	1 8	2 37	2 17	23 29	0 8	17 36
T 5	22 36	13 37	2 37	24 15	1 11	14 0	1 49	22 20	1 0	14 15	1 8	2 38	2 17	23 29	0 8	17 35
W 6	22 29	18 22	3 27	24 13	1 17	13 34	1 47	22 13	1 0	14 18	1 9	2 38	2 17	23 29	0 8	17 35
T 7	22 22	22 27	4 8	24 10	1 22	13 7	1 45	22 5	1 0	14 20	1 9	2 38	2 17	23 29	0 8	17 34
F 8	22 14	25 37	4 39	24 6	1 27	12 40	1 42	21 56	1 1	14 23	1 9	2 39	2 18	23 29	0 8	17 34
S 9	22 6	27 40	4 57	24 1	1 31	12 13	1 40	21 48	1 1	14 25	1 9	2 39	2 18	23 29	0 8	17 33
S 10	21 58	28 23	5 2	23 54	1 36	11 46	1 37	21 39	1 1	14 27	1 9	2 39	2 18	23 29	0 8	17 33
M 11	21 49	27 37	4 51	23 45	1 40	11 18	1 34	21 30	1 1	14 30	1 9	2 39	2 19	23 29	0 8	17 32
T 12	21 40	25 20	4 26	23 36	1 44	10 50	1 32	21 21	1 1	14 32	1 10	2 40	2 19	23 29	0 8	17 32
W 13	21 30	21 40	3 46	23 25	1 48	10 21	1 29	21 12	1 2	14 34	1 10	2 40	2 19	23 29	0 8	17 31
T 14	21 20	16 50	2 53	23 12	1 51	9 53	1 25	21 2	1 2	14 36	1 10	2 40	2 19	23 29	0 8	17 30
F 15	21 9	11 7	1 49	22 58	1 54	9 24	1 22	20 52	1 2	14 39	1 10	2 40	2 20	23 29	0 8	17 30
S 16	20 59	4 48	0 39	22 43	1 57	8 55	1 19	20 42	1 2	14 41	1 10	2 40	2 20	23 29	0 8	17 29
S 17	20 47	1s48	0s35	22 26	2 0	8 26	1 15	20 32	1 2	14 43	1 10	2 40	2 20	23 30	0 8	17 29
M 18	20 35	8 22	1 47	22 8	2 2	7 56	1 12	20 22	1 3	14 45	1 10	2 40	2 21	23 30	0 8	17 28
T 19	20 23	14 34	2 54	21 49	2 4	7 27	1 8	20 11	1 3	14 47	1 11	2 40	2 21	23 30	0 8	17 28
W 20	20 11	20 3	3 50	21 28	2 5	6 57	1 4	20 0	1 3	14 49	1 11	2 39	2 21	23 30	0 8	17 27
T 21	19 58	24 25	4 33	21 5	2 6	6 28	1 1	19 49	1 3	14 51	1 11	2 39	2 21	23 30	0 8	17 26
F 22	19 45	27 19	4 58	20 41	2 7	5 58	0 57	19 37	1 3	14 53	1 11	2 39	2 22	23 30	0 8	17 26
S 23	19 31	28 26	5 5	20 16	2 7	5 28	0 52	19 26	1 3	14 54	1 11	2 39	2 22	23 30	0 8	17 25
S 24	19 17	27 41	4 54	19 49	2 7	4 57	0 48	19 14	1 3	14 56	1 12	2 38	2 22	23 30	0 8	17 25
M 25	19 2	25 12	4 25	19 21	2 7	4 27	0 44	19 2	1 4	14 58	1 12	2 38	2 23	23 30	0 8	17 24
T 26	18 48	21 18	3 41	18 52	2 5	3 57	0 39	18 49	1 4	14 59	1 12	2 37	2 23	23 30	0 8	17 23
W 27	18 33	16 23	2 46	18 21	2 4	3 26	0 35	18 37	1 4	15 1	1 12	2 37	2 23	23 30	0 8	17 23
T 28	18 17	10 51	1 44	17 49	2 2	2 56	0 30	18 24	1 4	15 3	1 12	2 36	2 23	23 30	0 8	17 22
F 29	18 1	5 0	0 37	17 15	1 59	2 25	0 25	18 11	1 4	15 4	1 12	2 36	2 24	23 30	0 8	17 22
S 30	17 45	0n54	0n30	16 40	1 56	1 55	0 20	17 58	1 4	15 5	1 13	2 35	2 24	23 30	0 8	17 21
S 31	17s29	6n39	1n34	16s 4	1s52	1s24	0s15	17s45	1s 4	15s 7	1n13	2s35	2n24	23s30	0s 8	17s20

Julian Day Number = 2691874.5, Delta T = 24m09s

Ecliptic obliquity = 23°21'22", Nutation = 0°00'01"

Ayanamsha: Fagan/Bradley = 33°56'41", Lahiri = 33°03'41"

## ASTRODIENST EPHEMERIS for the year 2658

FEBRUARY 2658

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	8 44 44	11°44'46"	25°11'	23°10'	28°9'	14°15'	15°4'	12°R 9	0°310	10°24	9°R40	25°42'	27°8'	9°48'	12°17'	M 1
T 2	8 48 40	12°45'47"	7°8'	24°52'	29°14'	15°2'	15°9'	12°R 8	0°13	10°27	9°R39	25°43'	27°5'	9°54'	12°19'	T 2
W 3	8 52 37	13°46'48"	18°51'	26°33'	0°19	15°49'	15°14'	12°6'	0°16	10°29	9°R38	25°R43'	27°2'	10°1'	12°22'	W 3
T 4	8 56 33	14°47'48"	0°II46	28°13'	1°23	16°36'	15°19'	12°5'	0°19	10°31	9°37	25°42'	26°59'	10°8'	12°24'	T 4
F 5	9 0 30	15°48'47"	12°50'	29°53'	2°27	17°23'	15°24'	12°3'	0°22	10°33	9°36	25°38'	26°56'	10°15'	12°26'	F 5
S 6	9 4 26	16°49'45"	25°8'	1°31	3°31	18°10'	15°28'	12°2'	0°24	10°36	9°35	25°33'	26°53'	10°21'	12°28'	S 6
S 7	9 8 23	17°50'42"	7°544	3°8'	4°35	18°57'	15°32'	12°0'	0°27	10°38	9°34	25°27'	26°49'	10°28'	12°31'	S 7
M 8	9 12 19	18°51'38"	20°38'	4°43'	5°38	19°44'	15°36'	11°58'	0°30	10°40	9°33	25°20'	26°46'	10°35'	12°33'	M 8
T 9	9 16 16	19°52'32"	3°52	6°16'	6°41	20°31'	15°40'	11°56'	0°33	10°43	9°32	25°14'	26°43'	10°41'	12°35'	T 9
W10	9 20 13	20°53'26"	17°24'	7°46'	7°43	21°18'	15°44'	11°54'	0°35	10°45	9°31	25°9'	26°40'	10°48'	12°38'	W10
T 11	9 24 9	21°54'19"	1°13	9°13	8°45	22°5'	15°48'	11°52'	0°38	10°47	9°31	25°5'	26°37'	10°55'	12°40'	T 11
F 12	9 28 6	22°55'11"	15°14'	10°35'	9°47	22°53'	15°51'	11°50'	0°41	10°49	9°30	25°3'	26°33'	11°1'	12°43'	F 12
S 13	9 32 2	23°56'02"	29°25'	11°53'	10°48	23°40'	15°54'	11°48'	0°43	10°52	9°29	25°D 3	26°30'	11°8'	12°45'	S 13
S 14	9 35 59	24°56'52"	13°40	13°6'	11°49	24°27'	15°57'	11°45'	0°46	10°54	9°28	25°D 4	26°27'	11°15'	12°48'	S 14
M15	9 39 55	25°57'41"	27°56'	14°13'	12°50'	25°14'	16°0'	11°43'	0°48	10°56	9°27	25°5'	26°24'	11°21'	12°51'	M15
T 16	9 43 52	26°58'29"	12°11	15°12'	13°50'	26°2'	16°3'	11°40'	0°51	10°58	9°27	25°7'	26°21'	11°28'	12°53'	T 16
W17	9 47 48	27°59'17"	26°22'	16°4'	14°49	26°49'	16°6'	11°38'	0°53	11°0	9°26	25°R 7	26°18'	11°35'	12°56'	W17
T 18	9 51 45	29°0'04"	10°27	16°48'	15°48	27°36'	16°8'	11°35'	0°55	11°3	9°25	25°7'	26°14'	11°41'	12°59'	T 18
F 19	9 55 42	0°5'05"	24°25'	17°22'	16°47	28°23'	16°10'	11°32'	0°58	11°5	9°24	25°5'	26°11'	11°48'	13°1'	F 19
S 20	9 59 38	1°1'35"	8°314	17°47'	17°45	29°11'	16°12'	11°29'	1°0	11°7	9°24	25°2'	26°8'	11°55'	13°4'	S 20
S 21	10 3 35	2°2'19"	21°53'	18°2'	18°43	29°58'	16°14'	11°26'	1°2	11°9	9°23	24°59'	26°5'	12°1'	13°7'	S 21
M22	10 7 31	3°3'02"	5°19	18°R 6	19°40	0°45	16°15'	11°23'	1°4	11°11	9°22	24°55'	26°2'	12°8'	13°10'	M22
T 23	10 11 28	4°3'44"	18°33'	17°59'	20°36	1°33	16°17'	11°20'	1°7	11°13	9°22	24°52'	25°59'	12°15'	13°13'	T 23
W24	10 15 24	5°4'24"	1°32	17°42'	21°32	2°20	16°18'	11°16'	1°9	11°16	9°21	24°50'	25°55'	12°22'	13°16'	W24
T 25	10 19 21	6°5'03"	14°16'	17°14'	22°28	3°8	16°19'	11°13'	1°11	11°18	9°20	24°49'	25°52'	12°28'	13°19'	T 25
F 26	10 23 17	7°5'41"	26°45'	16°37'	23°22	3°55	16°20'	11°9'	1°13	11°20	9°20	24°D48	25°49'	12°35'	13°22'	F 26
S 27	10 27 14	8°6'17"	9°1	15°51'	24°17	4°42	16°21'	11°6'	1°15	11°22	9°19	24°49'	25°46'	12°42'	13°25'	S 27
S 28	10 31 11	9°6'51"	21°19'	14°58	25°10	5°30	16°12'	11°2	1°17	11°24	9°19	24°50	25°43'	12°48	13°28	S 28

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	17s12	12n 5	2n33	15s27	1s48	0s54	0s10	17s32	1s 4	15s 8	1n13	2s34	2n25	23s30	0s 8	17s20	0n15
T 2	16 55	17 2	3 25	14 48	1 43	0 23	0 5	17 18	1 4	15 10	1 13	2 33	2 25	23 30	0 8	17 19	0 15
W 3	16 38	21 21	4 9	14 9	1 37	0n 7	0n 0	17 4	1 4	15 11	1 13	2 32	2 25	23 30	0 8	17 19	0 15
T 4	16 20	24 50	4 42	13 28	1 31	0 38	0 6	16 50	1 5	15 12	1 14	2 32	2 25	23 30	0 8	17 18	0 15
F 5	16 2	27 16	5 3	12 47	1 24	1 9	0 11	16 36	1 5	15 13	1 14	2 31	2 26	23 30	0 8	17 17	0 15
S 6	15 44	28 26	5 10	12 5	1 16	1 39	0 17	16 22	1 5	15 14	1 14	2 30	2 26	23 30	0 9	17 17	0 15
S 7	15 26	28 11	5 3	11 22	1 7	2 9	0 22	16 7	1 5	15 15	1 14	2 29	2 26	23 30	0 9	17 16	0 15
M 8	15 7	26 24	4 41	10 39	0 58	2 40	0 28	15 52	1 5	15 16	1 14	2 28	2 26	23 30	0 9	17 16	0 15
T 9	14 48	23 9	4 3	9 55	0 48	3 10	0 34	15 37	1 5	15 17	1 14	2 27	2 27	23 30	0 9	17 15	0 15
W10	14 29	18 36	3 11	9 12	0 37	3 40	0 40	15 22	1 5	15 18	1 15	2 26	2 27	23 30	0 9	17 14	0 15
T 11	14 9	12 59	2 7	8 29	0 25	4 10	0 46	15 7	1 5	15 19	1 15	2 25	2 27	23 30	0 9	17 14	0 15
F 12	13 50	6 37	0 53	7 46	0 13	4 40	0 52	14 52	1 5	15 20	1 15	2 24	2 27	23 30	0 9	17 13	0 15
S 13	13 30	0s 8	0s24	7 4	0n 1	5 10	0 59	14 36	1 5	15 20	1 15	2 23	2 28	23 30	0 9	17 13	0 15
S 14	13 10	6 55	1 40	6 23	0 15	5 39	1 5	14 21	1 5	15 21	1 15	2 22	2 28	23 30	0 9	17 12	0 15
M15	12 49	13 21	2 50	5 44	0 29	6 9	1 11	14 5	1 5	15 22	1 16	2 20	2 28	23 30	0 9	17 11	0 15
T 16	12 29	19 5	3 50	5 7	0 45	6 38	1 18	13 49	1 5	15 22	1 16	2 19	2 28	23 30	0 9	17 11	0 15
W17	12 8	23 44	4 35	4 33	1 0	7 7	1 25	13 33	1 5	15 23	1 16	2 18	2 29	23 30	0 9	17 10	0 15
T 18	11 47	26 57	5 4	4 1	1 16	7 36	1 31	13 17	1 5	15 23	1 16	2 17	2 29	23 30	0 9	17 10	0 15
F 19	11 26	28 28	5 14	3 33	1 33	8 5	1 38	13 0	1 5	15 24	1 16	2 15	2 29	23 30	0 9	17 9	0 15
S 20	11 4	28 11	5 6	3 8	1 49	8 33	1 45	12 44	1 5	15 24	1 17	2 14	2 29	23 30	0 9	17 8	0 15
S 21	10 43	26 12	4 40	2 48	2 5	9 2	1 52	12 27	1 5	15 24	1 17	2 13	2 30	23 30	0 9	17 8	0 15
M22	10 21	22 45	4 0	2 32	2 21	9 30	1 59	12 10	1 5	15 25	1 17	2 11	2 30	23 30	0 9	17 7	0 15
T 23	9 59	18 10	3 7	2 20	2 36	9 58	2 6	11 54	1 5	15 25	1 17	2 10	2 30	23 30	0 9	17 7	0 15
W24	9 37	12 50	2 5	2 14	2 50	10 25	2 13	11 37	1 4	15 25	1 17	2 8	2 30	23 30	0 9	17 6	0 15
T 25	9 15	7 4	0 58	2 13	3 3	10 53	2 20	11 19	1 4	15 25	1 18	2 7	2 30	23 30	0 9	17 6	0 15
F 26	8 53	1 7	0n11	2 17	3 14	11 20	2 27	11 2	1 4	15 25	1 18	2 5	2 31	23 30	0 9	17 5	0 15
S 27	8 30	4n45	1 18	2 26	3 24	11 47	2 35	10 45	1 4	15 25	1 18	2 4	2 31	23 30	0 9	17 4	0 15
S 28	8s 8	10n22	2n20	2s39	3n32	12n13	2n42	10s27	1s 4	15s25	1n18	2s 2	2n31	23s30	0s 9	17s 4	0n15

Julian Day Number = 2691905.5, Delta T = 24m09s

Ecliptic obliquity = 23°21'23", Nutation = 0°00'02"

Ayanamsha: Fagan/Bradley = 33°56'45", Lahiri = 33°03'45"

## ASTRODIENST EPHEMERIS for the year 2658

MARCH 2658

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	10 35 7	10°11'24	3°18'1	13°R59	26°V 3	6°H17	16°M21	10°R59	1°Z18	11°A26	9°R18	24°H51	25°H39	12°S55	13°V31	M 1
T 2	10 39 4	11° 7'55	14°52	12°H55	26°55	7° 4	16°R21	10°A55	1°20	11°28	9°S18	24°53	25°36	13° 2	13°34	T 2
W 3	10 43 0	12° 8'25	26°42	11°49	27°46	7°52	16°21	10°51	1°22	11°30	9°17	24°54	25°33	13° 8	13°37	W 3
T 4	10 46 57	13° 8'53	8°II36	10°42	28°37	8°39	16°21	10°47	1°24	11°32	9°17	24°R54	25°30	13°15	13°40	T 4
F 5	10 50 53	14° 9'19	20°39	9°36	29°26	9°27	16°21	10°43	1°25	11°34	9°16	24°54	25°27	13°22	13°43	F 5
S 6	10 54 50	15° 9'43	2°S36	8°32	0°H15	10°14	16°20	10°39	1°27	11°36	9°16	24°54	25°24	13°28	13°46	S 6
S 7	10 58 46	16°10'05	15°30	7°32	1° 3	11° 1	16°19	10°35	1°29	11°38	9°16	24°53	25°20	13°35	13°50	S 7
M 8	11 2 43	17°10'25	28°25	6°36	1°50	11°49	16°18	10°31	1°30	11°40	9°15	24°52	25°17	13°42	13°53	M 8
T 9	11 6 40	18°10'44	11°Ω44	5°46	2°37	12°36	16°17	10°27	1°32	11°42	9°15	24°51	25°14	13°48	13°56	T 9
W10	11 10 36	19°11'00	25°26	5° 3	3°22	13°24	16°15	10°23	1°33	11°44	9°15	24°50	25°11	13°55	13°59	W10
T 11	11 14 33	20°11'15	9°Π31	4°27	4° 6	14°11	16°14	10°19	1°35	11°46	9°14	24°50	25° 8	14° 2	14° 3	T 11
F 12	11 18 29	21°11'28	23°55	3°57	4°49	14°58	16°12	10°14	1°36	11°48	9°14	24°D50	25° 5	14° 9	14° 6	F 12
S 13	11 22 26	22°11'39	8°A32	3°35	5°31	15°46	16°10	10°10	1°37	11°49	9°14	24°50	25° 1	14°15	14° 9	S 13
S 14	11 26 22	23°11'48	3°216	3°20	6°12	16°33	16° 8	10° 6	1°38	11°51	9°14	24°50	24°58	14°22	14°13	S 14
M15	11 30 19	24°11'56	8°M 0	3°11	6°51	17°20	16° 6	10° 1	1°40	11°53	9°13	24°50	24°55	14°29	14°16	M15
T 16	11 34 15	25°12'02	22°38	3°D10	7°30	18° 8	16° 3	9°57	1°41	11°55	9°13	24°R50	24°52	14°35	14°19	T 16
W17	11 38 12	26°12'07	7°X 4	3°14	8° 7	18°55	16° 0	9°52	1°42	11°57	9°13	24°50	24°49	14°42	14°23	W17
T 18	11 42 8	27°12'11	21° 15	3°25	8°43	19°42	15°58	9°48	1°43	11°58	9°13	24°D50	24°45	14°49	14°26	T 18
F 19	11 46 5	28°12'13	5°Z 9	3°41	9°17	20°30	15°55	9°43	1°44	12° 0	9°13	24°50	24°42	14°55	14°30	F 19
S 20	11 50 2	29°12'13	18°46	4° 3	9°51	21°17	15°51	9°38	1°45	12° 2	9°13	24°50	24°39	15° 2	14°33	S 20
S 21	11 53 58	0°V12'12	2°A 6	4°30	10°22	22° 4	15°48	9°34	1°46	12° 4	9°13	24°50	24°36	15° 9	14°37	S 21
M22	11 57 55	1°12'09	15°10	5° 1	10°52	22°52	15°44	9°29	1°46	12° 5	9°12	24°51	24°33	15°15	14°40	M22
T 23	12 1 51	2°12'05	28° 0	5°37	11°21	23°39	15°41	9°24	1°47	12° 7	9°12	24°52	24°30	15°22	14°44	T 23
W24	12 5 48	3°11'58	10°H37	6°17	11°48	24°26	15°37	9°20	1°48	12° 8	9°D12	24°52	24°26	15°29	14°47	W24
T 25	12 9 44	4°11'50	23° 2	7° 1	12°13	25°14	15°33	9°15	1°49	12°10	9°12	24°R53	24°23	15°35	14°51	T 25
F 26	12 13 41	5°11'40	5°V16	7°49	12°36	26° 1	15°28	9°10	1°49	12°12	9°13	24°52	24°20	15°42	14°54	F 26
S 27	12 17 37	6°11'28	17°22	8°40	12°58	26°48	15°24	9° 6	1°50	12°13	9°13	24°52	24°17	15°49	14°58	S 27
S 28	12 21 34	7°11'14	29°21	9°34	13°17	27°35	15°19	9° 1	1°50	12°15	9°13	24°50	24°14	15°56	15° 1	S 28
M29	12 25 31	8°10'58	11°B14	10°31	13°35	28°23	15°15	8°56	1°51	12°16	9°13	24°48	24°11	16° 2	15° 5	M29
T 30	12 29 27	9°10'40	23° 4	11°30	13°51	29°10	15°10	8°51	1°51	12°18	9°13	24°46	24° 7	16° 9	15° 8	T 30
W31	12 33 24	10°V10'20	4°II55	12°H33	14°H 4	29°H57	15°M 5	8°A47	1°Z51	12°A19	9°S13	24°H44	24°H 4	16°B16	15°V12	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
M 1	7s45	15n33	3n16	2s56	3n37	12n39	2n50	10s10	1s 4	15s25	1n18	2s 1	2n31	23s30	0s 9	17s 3
T 2	7 22	20 6	4 3	3 17	3 40	13 5	2 57	9 52	1 4	15 25	1 19	1 59	2 31	23 30	0 9	17 3
W 3	6 59	23 53	4 39	3 42	3 41	13 31	3 5	9 35	1 4	15 25	1 19	1 57	2 32	23 30	0 9	17 2
T 4	6 36	26 40	5 4	4 8	3 40	13 56	3 12	9 17	1 4	15 24	1 19	1 56	2 32	23 30	0 9	17 2
F 5	6 13	28 17	5 16	4 36	3 36	14 21	3 20	8 59	1 3	15 24	1 19	1 54	2 32	23 30	0 9	17 1
S 6	5 50	28 33	5 14	5 5	3 31	14 46	3 27	8 41	1 3	15 24	1 19	1 52	2 32	23 30	0 9	17 1
S 7	5 26	27 22	4 57	5 34	3 23	15 10	3 35	8 23	1 3	15 23	1 20	1 50	2 32	23 30	0 9	17 0
M 8	5 3	24 43	4 24	6 3	3 14	15 33	3 43	8 5	1 3	15 23	1 20	1 49	2 32	23 30	0 9	16 59
T 9	4 40	20 41	3 37	6 31	3 4	15 57	3 51	7 47	1 3	15 22	1 20	1 47	2 33	23 30	0 9	16 59
W10	4 16	15 27	2 36	6 57	2 52	16 20	3 58	7 28	1 3	15 22	1 20	1 45	2 33	23 30	0 9	16 58
T 11	3 52	9 16	1 24	7 22	2 39	16 42	4 6	7 10	1 3	15 21	1 20	1 43	2 33	23 30	0 9	16 58
F 12	3 29	2 29	0 5	7 45	2 26	17 4	4 14	6 52	1 2	15 20	1 21	1 42	2 33	23 30	0 9	16 57
S 13	3 5	4s32	1s15	8 6	2 12	17 26	4 22	6 33	1 2	15 20	1 21	1 40	2 33	23 30	0 9	16 57
S 14	2 42	11 21	2 31	8 24	1 58	17 47	4 30	6 15	1 2	15 19	1 21	1 38	2 33	23 30	0 9	16 56
M15	2 18	17 33	3 37	8 41	1 44	18 7	4 38	5 56	1 2	15 18	1 21	1 36	2 33	23 30	0 9	16 56
T 16	1 54	22 42	4 29	8 54	1 30	18 27	4 45	5 37	1 2	15 17	1 21	1 34	2 34	23 30	0 9	16 55
W17	1 30	26 23	5 2	9 6	1 16	18 47	4 53	5 19	1 1	15 16	1 21	1 32	2 34	23 30	0 9	16 55
T 18	1 7	28 20	5 17	9 15	1 2	19 6	5 1	5 0	1 1	15 15	1 22	1 30	2 34	23 30	0 9	16 54
F 19	0 43	28 27	5 12	9 22	0 49	19 25	5 9	4 41	1 1	15 14	1 22	1 29	2 34	23 30	0 9	16 54
S 20	0 19	26 50	4 50	9 26	0 35	19 42	5 16	4 22	1 1	15 13	1 22	1 27	2 34	23 30	0 9	16 53
S 21	0n 5	23 44	4 13	9 29	0 22	20 0	5 24	4 4	1 0	15 12	1 22	1 25	2 34	23 30	0 9	16 53
M22	0 29	19 28	3 23	9 29	0 10	20 17	5 31	3 45	1 0	15 11	1 22	1 23	2 34	23 30	0 9	16 53
T 23	0 52	14 22	2 24	9 27	0s 2	20 33	5 39	3 26	1 0	15 10	1 22	1 21	2 34	23 30	0 9	16 52
W24	1 16	8 46	1 18	9 23	0 14	20 48	5 46	3 7	1 0	15 8	1 23	1 19	2 34	23 30	0 9	16 52
T 25	1 40	2 55	0 10	9 18	0 25	21 3	5 53	2 48	0 59	15 7	1 23	1 17	2 34	23 30	0 9	16 51
F 26	2 3	2n58	0n57	9 10	0 36	21 17	6 0	2 29	0 59	15 6	1 23	1 15	2 34	23 30	0 9	16 51
S 27	2 27	8 40	2 1	9 0	0 46	21 30	6 7	2 10	0 59	15 4	1 23	1 13	2 34	23 30	0 9	16 50
S 28	2 51	14 0	2 59	8 49	0 56	21 43	6 14	1 51	0 58	15 3	1 23	1 12	2 35	23 30	0 9	16 50
M29	3 14	18 47	3 49	8 37	1 5	21 55	6 21	1 32	0 58	15 1	1 23	1 10	2 35	23 30	0 9	16 50
T 30	3 38	22 49	4 29	8 22	1 14	22 5	6 27	1 13	0 58	15 0	1 23	1 8	2 35	23 30	0 9	16 49
W31	4n 1	25n55	4n57	8s 6	1s23	22n16	6n33	0s54	0s58	14s58	1n24	1s 6	2n35	23s30	0s 9	16s49

Julian Day Number = 2691933.5, Delta T = 24m10s

Ecliptic obliquity = 23°21'23", Nutation = 0°00'02"

Ayanamsha: Fagan/Bradley = 33°56'49", Lahiri = 33°03'49"

# ASTRODIENST EPHEMERIS for the year 2658

APRIL 2658

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 37 20	11° 9' 58"	16° 49'	13° 38'	14° 16'	0° 44'	14° 59'	8° 42'	1° 52'	12° 20'	9° 13'	24° 42'	24° 1'	16° 22'	15° 15'	T 1
F 2	12 41 17	12° 9' 33"	28° 50'	14° 45'	14° 25'	1° 31'	14° 54'	8° 37'	1° 52'	12° 22'	9° 13'	24° 40'	23° 58'	16° 29'	15° 19'	F 2
S 3	12 45 13	13° 9' 07"	11° 54'	15° 54'	14° 32'	2° 18'	14° 49'	8° 32'	1° 52'	12° 23'	9° 14'	24° 40'	23° 55'	16° 36'	15° 22'	S 3
S 4	12 49 10	14° 8' 38"	23° 33'	17° 6'	14° 36'	3° 5'	14° 43'	8° 28'	1° 52'	12° 24'	9° 14'	24° 40'	23° 51'	16° 42'	15° 26'	S 4
M 5	12 53 6	15° 8' 06"	6° 23'	18° 20'	14° 39'	3° 52'	14° 37'	8° 23'	1° 52'	12° 26'	9° 14'	24° 41'	23° 48'	16° 49'	15° 29'	M 5
T 6	12 57 3	16° 7' 33"	19° 37'	19° 35'	14° 39'	4° 39'	14° 31'	8° 18'	1° 52'	12° 27'	9° 15'	24° 43'	23° 45'	16° 56'	15° 33'	T 6
W 7	13 1 0	17° 6' 57"	3° 18'	20° 53'	14° 36'	5° 26'	14° 25'	8° 14'	1° 52'	12° 28'	9° 15'	24° 44'	23° 42'	17° 3'	15° 36'	W 7
T 8	13 4 56	18° 6' 19"	17° 25'	22° 12'	14° 31'	6° 13'	14° 19'	8° 9'	1° 52'	12° 29'	9° 15'	24° 45'	23° 39'	17° 9'	15° 40'	T 8
F 9	13 8 53	19° 5' 38"	1° 58'	23° 33'	14° 23'	7° 0'	14° 13'	8° 4'	1° 52'	12° 31'	9° 16'	24° 45'	23° 36'	17° 16'	15° 44'	F 9
S 10	13 12 49	20° 4' 56"	16° 50'	24° 56'	14° 13'	7° 47'	14° 7'	8° 0'	1° 52'	12° 32'	9° 16'	24° 44'	23° 32'	17° 23'	15° 47'	S 10
S 11	13 16 46	21° 4' 12"	1° 55'	26° 21'	14° 0'	8° 34'	14° 0'	7° 55'	1° 52'	12° 33'	9° 16'	24° 41'	23° 29'	17° 29'	15° 51'	S 11
M 12	13 20 42	22° 3' 25"	17° 4'	27° 47'	13° 45'	9° 21'	13° 54'	7° 51'	1° 51'	12° 34'	9° 17'	24° 38'	23° 26'	17° 36'	15° 54'	M 12
T 13	13 24 39	23° 2' 37"	2° 5'	29° 14'	13° 28'	10° 8'	13° 47'	7° 46'	1° 51'	12° 35'	9° 17'	24° 34'	23° 23'	17° 43'	15° 58'	T 13
W 14	13 28 35	24° 1' 47"	16° 53'	0° 44'	13° 8'	10° 55'	13° 40'	7° 42'	1° 51'	12° 36'	9° 18'	24° 30'	23° 20'	17° 49'	16° 1'	W 14
T 15	13 32 32	25° 0' 56"	1° 20'	2° 14'	12° 46'	11° 42'	13° 33'	7° 37'	1° 50'	12° 37'	9° 18'	24° 27'	23° 16'	17° 56'	16° 5'	T 15
F 16	13 36 29	26° 0' 02"	15° 22'	3° 47'	12° 22'	12° 28'	13° 26'	7° 33'	1° 50'	12° 38'	9° 19'	24° 25'	23° 13'	18° 3'	16° 8'	F 16
S 17	13 40 25	26° 59' 07"	28° 59'	5° 21'	11° 55'	13° 15'	13° 19'	7° 29'	1° 49'	12° 39'	9° 19'	24° 25'	23° 10'	18° 9'	16° 12'	S 17
S 18	13 44 22	27° 58' 11"	12° 52'	6° 56'	11° 27'	14° 2'	13° 12'	7° 24'	1° 49'	12° 40'	9° 20'	24° 25'	23° 7'	18° 16'	16° 15'	S 18
M 19	13 48 18	28° 57' 12"	25° 5'	8° 33'	10° 56'	14° 49'	13° 5'	7° 20'	1° 48'	12° 41'	9° 20'	24° 27'	23° 4'	18° 23'	16° 19'	M 19
T 20	13 52 15	29° 56' 12"	7° 40'	10° 12'	10° 24'	15° 35'	12° 58'	7° 16'	1° 47'	12° 41'	9° 21'	24° 29'	23° 1'	18° 30'	16° 22'	T 20
W 21	13 56 11	0° 55' 10"	20° 1'	11° 52'	9° 51'	16° 22'	12° 51'	7° 12'	1° 47'	12° 42'	9° 22'	24° 30'	22° 57'	18° 36'	16° 26'	W 21
T 22	14 0 8	1° 54' 06"	2° 11'	13° 33'	9° 16'	17° 8'	12° 43'	7° 8'	1° 46'	12° 43'	9° 22'	24° 29'	22° 54'	18° 43'	16° 29'	T 22
F 23	14 4 4	2° 53' 00"	14° 13'	15° 16'	8° 41'	17° 55'	12° 36'	7° 4'	1° 45'	12° 44'	9° 23'	24° 27'	22° 51'	18° 50'	16° 32'	F 23
S 24	14 8 1	3° 51' 52"	26° 9'	17° 1'	8° 4'	18° 41'	12° 28'	7° 0'	1° 44'	12° 45'	9° 24'	24° 24'	22° 48'	18° 56'	16° 36'	S 24
S 25	14 11 58	4° 50' 43"	8° 2'	18° 47'	7° 27'	19° 28'	12° 21'	6° 56'	1° 43'	12° 45'	9° 24'	24° 18'	22° 45'	19° 3'	16° 39'	S 25
M 26	14 15 54	5° 49' 31"	19° 53'	20° 35'	6° 49'	20° 14'	12° 13'	6° 52'	1° 42'	12° 46'	9° 25'	24° 10'	22° 42'	19° 10'	16° 43'	M 26
T 27	14 19 51	6° 48' 18"	1° 44'	22° 24'	6° 12'	21° 1'	12° 6'	6° 48'	1° 41'	12° 46'	9° 26'	24° 2'	22° 38'	19° 16'	16° 46'	T 27
W 28	14 23 47	7° 47' 02"	13° 36'	24° 15'	5° 34'	21° 47'	11° 58'	6° 44'	1° 40'	12° 47'	9° 26'	23° 54'	22° 35'	19° 23'	16° 49'	W 28
T 29	14 27 44	8° 45' 45"	25° 33'	26° 7'	4° 57'	22° 34'	11° 50'	6° 41'	1° 39'	12° 48'	9° 27'	23° 46'	22° 32'	19° 30'	16° 53'	T 29
F 30	14 31 40	9° 44' 25"	28° 36'	28° 1'	4° 20'	23° 20'	11° 43'	6° 37'	1° 38'	12° 48'	9° 28'	23° 40'	22° 29'	19° 37'	16° 56'	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	4n24	27n53	5n13	7s48	1s30	22n25	6n39	0s35	0s57	14s57	1n24	1s 4	2n35	23s30	0s 9	16s48
F 2	4 47	28 36	5 15	7 29	1 38	22 33	6 45	0 16	0 57	14 55	1 24	1 2	2 35	23 30	0 9	16 48
S 3	5 11	27 56	5 3	7 9	1 45	22 40	6 51	0n 3	0 57	14 53	1 24	1 0	2 35	23 30	0 9	16 48
S 4	5 34	25 51	4 37	6 47	1 51	22 46	6 56	0 22	0 56	14 52	1 24	0 58	2 35	23 30	0 9	16 47
M 5	5 56	22 25	3 56	6 24	1 57	22 52	7 0	0 41	0 56	14 50	1 24	0 57	2 35	23 30	0 9	16 47
T 6	6 19	17 45	3 2	5 59	2 3	22 56	7 5	1 0	0 56	14 48	1 24	0 55	2 35	23 30	0 9	16 47
W 7	6 42	12 3	1 55	5 33	2 8	22 59	7 9	1 19	0 55	14 46	1 24	0 53	2 35	23 30	0 10	16 46
T 8	7 5	5 34	0 40	5 6	2 12	23 0	7 12	1 37	0 55	14 44	1 24	0 51	2 35	23 30	0 10	16 46
F 9	7 27	1s23	0s40	4 38	2 16	23 1	7 15	1 56	0 54	14 42	1 24	0 49	2 35	23 30	0 10	16 46
S 10	7 49	8 25	1 58	4 9	2 20	23 0	7 18	2 15	0 54	14 40	1 25	0 47	2 35	23 30	0 10	16 45
S 11	8 12	15 4	3 10	3 38	2 23	22 58	7 20	2 34	0 54	14 38	1 25	0 46	2 35	23 30	0 10	16 45
M 12	8 34	20 51	4 9	3 6	2 25	22 55	7 21	2 53	0 53	14 36	1 25	0 44	2 35	23 30	0 10	16 45
T 13	8 56	25 14	4 49	2 33	2 27	22 50	7 22	3 11	0 53	14 34	1 25	0 42	2 35	23 30	0 10	16 44
W 14	9 17	27 51	5 10	1 59	2 29	22 44	7 22	3 30	0 52	14 32	1 25	0 41	2 35	23 30	0 10	16 44
T 15	9 39	28 32	5 11	1 24	2 30	22 36	7 21	3 49	0 52	14 30	1 25	0 39	2 34	23 30	0 10	16 44
F 16	10 1	27 19	4 52	0 48	2 30	22 27	7 19	4 7	0 52	14 28	1 25	0 37	2 34	23 30	0 10	16 43
S 17	10 22	24 30	4 18	0 11	2 31	22 17	7 17	4 26	0 51	14 26	1 25	0 36	2 34	23 30	0 10	16 43
S 18	10 43	20 27	3 31	0n27	2 30	22 5	7 14	4 44	0 51	14 24	1 25	0 34	2 34	23 30	0 10	16 43
M 19	11 4	15 32	2 34	1 5	2 29	21 52	7 11	5 2	0 50	14 22	1 25	0 32	2 34	23 30	0 10	16 43
T 20	11 25	10 4	1 31	1 45	2 28	21 38	7 6	5 21	0 50	14 19	1 25	0 31	2 34	23 30	0 10	16 43
W 21	11 45	4 19	0 24	2 26	2 26	21 22	7 1	5 39	0 49	14 17	1 25	0 29	2 34	23 30	0 10	16 42
T 22	12 6	1n30	0n42	3 7	2 24	21 5	6 55	5 57	0 49	14 15	1 25	0 28	2 34	23 30	0 10	16 42
F 23	12 26	7 12	1 45	3 50	2 21	20 46	6 48	6 15	0 49	14 13	1 25	0 26	2 34	23 30	0 10	16 42
S 24	12 46	12 36	2 43	4 33	2 17	20 27	6 40	6 33	0 48	14 10	1 25	0 25	2 34	23 31	0 10	16 42
S 25	13 6	17 31	3 34	5 16	2 14	20 7	6 31	6 51	0 48	14 8	1 25	0 23	2 34	23 31	0 10	16 41
M 26	13 25	21 45	4 15	6 1	2 9	19 45	6 22	7 9	0 47	14 6	1 25	0 22	2 34	23 31	0 10	16 41
T 27	13 44	25 5	4 45	6 46	2 4	19 23	6 12	7 27	0 47	14 4	1 25	0 20	2 33	23 31	0 10	16 41
W 28	14 3	27 22	5 3	7 31	1 59	19 0	6 1	7 45	0 46	14 1	1 25	0 19	2 33	23 31	0 10	16 41
T 29	14 22	28 25	5 8	8 18	1 53	18 37	5 50	8 2	0 46	13 59	1 25	0 18	2 33	23 31	0 10	16 41
F 30	14n41	28n 7	4n59	9n 4	1s47	18n13	5n38	8n20	0s45	13s57	1n25	0s16	2n33	23s31	0s10	16s41

Julian Day Number = 2691964.5, Delta T = 24m10s  
 Ecliptic obliquity = 23°21'23", Nutation = 0°00'01  
 Ayanamsha: Fagan/Bradley = 33°56'54", Lahiri = 33°03'53

## ASTRODIENST EPHEMERIS for the year 2658

MAY 2658

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 35 37	10 <sup>8</sup> 43'03	19 <sup>5</sup> 49	29 <sup>7</sup> 57	3 <sup>0</sup> R44	24 <sup>7</sup> 6	11 <sup>0</sup> R35	6 <sup>0</sup> R34	1 <sup>0</sup> R37	12 <sup>2</sup> 49	9 <sup>5</sup> 29	23 <sup>0</sup> R36	22 <sup>2</sup> 26	19 <sup>8</sup> 43	16 <sup>7</sup> 59	S 1
S 2	14 39 33	11 <sup>0</sup> 41'39	2 <sup>0</sup> 16	1 <sup>8</sup> 54	3 <sup>8</sup> 10	24 <sup>5</sup> 2	11 <sup>0</sup> 27	6 <sup>0</sup> 30	1 <sup>0</sup> 35	12 <sup>2</sup> 49	9 <sup>0</sup> 30	23 <sup>0</sup> 34	22 <sup>2</sup> 22	19 <sup>5</sup> 50	17 <sup>0</sup> 3	S 2
M 3	14 43 30	12 <sup>0</sup> 40'13	15 <sup>0</sup> 1	3 <sup>0</sup> 53	2 <sup>0</sup> 36	25 <sup>0</sup> 39	11 <sup>0</sup> 20	6 <sup>0</sup> 27	1 <sup>0</sup> 34	12 <sup>2</sup> 49	9 <sup>0</sup> 31	23 <sup>0</sup> D33	22 <sup>0</sup> 19	19 <sup>5</sup> 57	17 <sup>0</sup> 6	M 3
T 4	14 47 27	13 <sup>0</sup> 38'45	28 <sup>0</sup> 7	5 <sup>0</sup> 53	2 <sup>0</sup> 4	26 <sup>0</sup> 25	11 <sup>0</sup> 12	6 <sup>0</sup> 24	1 <sup>0</sup> 33	12 <sup>2</sup> 50	9 <sup>0</sup> 31	23 <sup>0</sup> 34	22 <sup>0</sup> 16	20 <sup>0</sup> 3	17 <sup>0</sup> 9	T 4
W 5	14 51 23	14 <sup>0</sup> 37'14	11 <sup>0</sup> 39	7 <sup>0</sup> 54	1 <sup>0</sup> 34	27 <sup>0</sup> 11	11 <sup>0</sup> 4	6 <sup>0</sup> 20	1 <sup>0</sup> 31	12 <sup>2</sup> 50	9 <sup>0</sup> 32	23 <sup>0</sup> 35	22 <sup>0</sup> 13	20 <sup>0</sup> 10	17 <sup>0</sup> 13	W 5
T 6	14 55 20	15 <sup>0</sup> 35'42	25 <sup>0</sup> 39	9 <sup>0</sup> 57	1 <sup>0</sup> 5	27 <sup>0</sup> 57	10 <sup>0</sup> 57	6 <sup>0</sup> 17	1 <sup>0</sup> 30	12 <sup>2</sup> 50	9 <sup>0</sup> 33	23 <sup>0</sup> R35	22 <sup>0</sup> 10	20 <sup>0</sup> 17	17 <sup>0</sup> 16	T 6
F 7	14 59 16	16 <sup>0</sup> 34'07	10 <sup>0</sup> 6	12 <sup>0</sup> 2	0 <sup>0</sup> 39	28 <sup>0</sup> 43	10 <sup>0</sup> 49	6 <sup>0</sup> 14	1 <sup>0</sup> 28	12 <sup>2</sup> 51	9 <sup>0</sup> 34	23 <sup>0</sup> 34	22 <sup>0</sup> 7	20 <sup>0</sup> 23	17 <sup>0</sup> 19	F 7
S 8	15 3 13	17 <sup>0</sup> 32'30	24 <sup>0</sup> 57	14 <sup>0</sup> 7	0 <sup>0</sup> 14	29 <sup>0</sup> 29	10 <sup>0</sup> 41	6 <sup>0</sup> 11	1 <sup>0</sup> 27	12 <sup>2</sup> 51	9 <sup>0</sup> 35	23 <sup>0</sup> 31	22 <sup>0</sup> 3	20 <sup>0</sup> 30	17 <sup>0</sup> 22	S 8
S 9	15 7 9	18 <sup>0</sup> 30'52	10 <sup>0</sup> 11	16 <sup>0</sup> 14	29 <sup>0</sup> 52	0 <sup>0</sup> 15	10 <sup>0</sup> 34	6 <sup>0</sup> 8	1 <sup>0</sup> 25	12 <sup>2</sup> 51	9 <sup>0</sup> 36	23 <sup>0</sup> 26	22 <sup>0</sup> 0	20 <sup>0</sup> 37	17 <sup>0</sup> 25	S 9
M10	15 11 6	19 <sup>0</sup> 29'11	25 <sup>0</sup> 26	18 <sup>0</sup> 22	29 <sup>0</sup> 32	1 <sup>0</sup> 1	10 <sup>0</sup> 26	6 <sup>0</sup> 6	1 <sup>0</sup> 24	12 <sup>2</sup> 51	9 <sup>0</sup> 37	23 <sup>0</sup> 18	21 <sup>0</sup> 57	20 <sup>0</sup> 44	17 <sup>0</sup> 28	M10
T 11	15 15 2	20 <sup>0</sup> 27'29	10 <sup>0</sup> 43	20 <sup>0</sup> 31	29 <sup>0</sup> 14	1 <sup>0</sup> 46	10 <sup>0</sup> 19	6 <sup>0</sup> 3	1 <sup>0</sup> 22	12 <sup>2</sup> 52	9 <sup>0</sup> 38	23 <sup>0</sup> 10	21 <sup>0</sup> 54	20 <sup>0</sup> 50	17 <sup>0</sup> 31	T 11
W12	15 18 59	21 <sup>0</sup> 25'45	25 <sup>0</sup> 46	22 <sup>0</sup> 40	28 <sup>0</sup> 59	2 <sup>0</sup> 32	10 <sup>0</sup> 11	6 <sup>0</sup> 0	1 <sup>0</sup> 20	12 <sup>2</sup> 52	9 <sup>0</sup> 39	23 <sup>0</sup> 1	21 <sup>0</sup> 51	20 <sup>0</sup> 57	17 <sup>0</sup> 35	W12
T 13	15 22 56	22 <sup>0</sup> 24'00	10 <sup>0</sup> 37	24 <sup>0</sup> 49	28 <sup>0</sup> 46	3 <sup>0</sup> 18	10 <sup>0</sup> 4	5 <sup>0</sup> 58	1 <sup>0</sup> 19	12 <sup>2</sup> 52	9 <sup>0</sup> 40	22 <sup>0</sup> 54	21 <sup>0</sup> 48	21 <sup>0</sup> 4	17 <sup>0</sup> 38	T 13
F 14	15 26 52	23 <sup>0</sup> 22'14	24 <sup>0</sup> 42	26 <sup>0</sup> 59	28 <sup>0</sup> 36	4 <sup>0</sup> 4	9 <sup>0</sup> 57	5 <sup>0</sup> 55	1 <sup>0</sup> 17	12 <sup>2</sup> 52	9 <sup>0</sup> 41	22 <sup>0</sup> 48	21 <sup>0</sup> 44	21 <sup>0</sup> 10	17 <sup>0</sup> 41	F 14
S 15	15 30 49	24 <sup>0</sup> 20'25	8 <sup>0</sup> 26	29 <sup>0</sup> 9	28 <sup>0</sup> 28	4 <sup>0</sup> 49	9 <sup>0</sup> 50	5 <sup>0</sup> 53	1 <sup>0</sup> 15	12 <sup>2</sup> R52	9 <sup>0</sup> 42	22 <sup>0</sup> 45	21 <sup>0</sup> 41	21 <sup>0</sup> 17	17 <sup>0</sup> 44	S 15
S 16	15 34 45	25 <sup>0</sup> 18'36	21 <sup>0</sup> 42	1 <sup>0</sup> 18	28 <sup>0</sup> 23	5 <sup>0</sup> 35	9 <sup>0</sup> 42	5 <sup>0</sup> 51	1 <sup>0</sup> 13	12 <sup>2</sup> 52	9 <sup>0</sup> 43	22 <sup>0</sup> D44	21 <sup>0</sup> 38	21 <sup>0</sup> 24	17 <sup>0</sup> 47	S 16
M17	15 38 42	26 <sup>0</sup> 16'44	4 <sup>0</sup> 33	3 <sup>0</sup> 27	28 <sup>0</sup> 19	6 <sup>0</sup> 21	9 <sup>0</sup> 35	5 <sup>0</sup> 48	1 <sup>0</sup> 12	12 <sup>2</sup> 52	9 <sup>0</sup> 44	22 <sup>0</sup> 44	21 <sup>0</sup> 35	21 <sup>0</sup> 31	17 <sup>0</sup> 50	M17
T 18	15 42 38	27 <sup>0</sup> 14'52	17 <sup>0</sup> 4	5 <sup>0</sup> 34	28 <sup>0</sup> D19	7 <sup>0</sup> 6	9 <sup>0</sup> 28	5 <sup>0</sup> 46	1 <sup>0</sup> 10	12 <sup>2</sup> 52	9 <sup>0</sup> 46	22 <sup>0</sup> R45	21 <sup>0</sup> 32	21 <sup>0</sup> 37	17 <sup>0</sup> 52	T 18
W19	15 46 35	28 <sup>0</sup> 12'58	29 <sup>0</sup> 18	7 <sup>0</sup> 40	28 <sup>0</sup> 21	7 <sup>0</sup> 52	9 <sup>0</sup> 21	5 <sup>0</sup> 44	1 <sup>0</sup> 8	12 <sup>2</sup> 52	9 <sup>0</sup> 47	22 <sup>0</sup> 45	21 <sup>0</sup> 28	21 <sup>0</sup> 44	17 <sup>0</sup> 55	W19
T 20	15 50 31	29 <sup>0</sup> 11'03	11 <sup>0</sup> 20	9 <sup>0</sup> 45	28 <sup>0</sup> 25	8 <sup>0</sup> 37	9 <sup>0</sup> 14	5 <sup>0</sup> 43	1 <sup>0</sup> 6	12 <sup>2</sup> 51	9 <sup>0</sup> 48	22 <sup>0</sup> 43	21 <sup>0</sup> 25	21 <sup>0</sup> 51	17 <sup>0</sup> 58	T 20
F 21	15 54 28	0 <sup>0</sup> 11'06	23 <sup>0</sup> 15	11 <sup>0</sup> 48	28 <sup>0</sup> 31	9 <sup>0</sup> 22	9 <sup>0</sup> 7	5 <sup>0</sup> 41	1 <sup>0</sup> 4	12 <sup>2</sup> 51	9 <sup>0</sup> 49	22 <sup>0</sup> 39	21 <sup>0</sup> 22	21 <sup>0</sup> 57	18 <sup>0</sup> 1	F 21
S 22	15 58 25	1 <sup>0</sup> 7'08	5 <sup>0</sup> 6	13 <sup>0</sup> 49	28 <sup>0</sup> 39	10 <sup>0</sup> 8	9 <sup>0</sup> 1	5 <sup>0</sup> 39	1 <sup>0</sup> 2	12 <sup>2</sup> 51	9 <sup>0</sup> 50	22 <sup>0</sup> 32	21 <sup>0</sup> 19	22 <sup>0</sup> 4	18 <sup>0</sup> 4	S 22
S 23	16 2 21	2 <sup>0</sup> 5'08	16 <sup>0</sup> 55	15 <sup>0</sup> 47	28 <sup>0</sup> 50	10 <sup>0</sup> 53	8 <sup>0</sup> 54	5 <sup>0</sup> 37	1 <sup>0</sup> 0	12 <sup>2</sup> 51	9 <sup>0</sup> 51	22 <sup>0</sup> 23	21 <sup>0</sup> 16	22 <sup>0</sup> 11	18 <sup>0</sup> 7	S 23
M24	16 6 18	3 <sup>0</sup> 3'07	28 <sup>0</sup> 46	17 <sup>0</sup> 43	29 <sup>0</sup> 3	11 <sup>0</sup> 38	8 <sup>0</sup> 48	5 <sup>0</sup> 36	0 <sup>0</sup> 58	12 <sup>2</sup> 51	9 <sup>0</sup> 52	22 <sup>0</sup> 11	21 <sup>0</sup> 13	22 <sup>0</sup> 17	18 <sup>0</sup> 9	M24
T 25	16 10 14	4 <sup>0</sup> 1'05	10 <sup>0</sup> 46	19 <sup>0</sup> 36	29 <sup>0</sup> 17	12 <sup>0</sup> 24	8 <sup>0</sup> 41	5 <sup>0</sup> 35	0 <sup>0</sup> 56	12 <sup>2</sup> 50	9 <sup>0</sup> 54	21 <sup>0</sup> 58	21 <sup>0</sup> 9	22 <sup>0</sup> 24	18 <sup>0</sup> 12	T 25
W26	16 14 11	4 <sup>0</sup> 59'01	22 <sup>0</sup> 37	21 <sup>0</sup> 27	29 <sup>0</sup> 34	13 <sup>0</sup> 9	8 <sup>0</sup> 35	5 <sup>0</sup> 33	0 <sup>0</sup> 54	12 <sup>2</sup> 50	9 <sup>0</sup> 55	21 <sup>0</sup> 45	21 <sup>0</sup> 6	22 <sup>0</sup> 31	18 <sup>0</sup> 15	W26
T 27	16 18 7	5 <sup>0</sup> 56'56	4 <sup>0</sup> 40	23 <sup>0</sup> 14	29 <sup>0</sup> 53	13 <sup>0</sup> 54	8 <sup>0</sup> 29	5 <sup>0</sup> 32	0 <sup>0</sup> 51	12 <sup>2</sup> 50	9 <sup>0</sup> 56	21 <sup>0</sup> 33	21 <sup>0</sup> 3	22 <sup>0</sup> 38	18 <sup>0</sup> 17	T 27
F 28	16 22 4	6 <sup>0</sup> 54'49	16 <sup>0</sup> 50	24 <sup>0</sup> 59	0 <sup>0</sup> 13	14 <sup>0</sup> 39	8 <sup>0</sup> 23	5 <sup>0</sup> 31	0 <sup>0</sup> 49	12 <sup>2</sup> 49	9 <sup>0</sup> 57	21 <sup>0</sup> 22	21 <sup>0</sup> 0	22 <sup>0</sup> 44	18 <sup>0</sup> 20	F 28
S 29	16 26 0	7 <sup>0</sup> 52'40	29 <sup>0</sup> 9	26 <sup>0</sup> 40	0 <sup>0</sup> 35	15 <sup>0</sup> 24	8 <sup>0</sup> 17	5 <sup>0</sup> 30	0 <sup>0</sup> 47	12 <sup>2</sup> 49	9 <sup>0</sup> 59	21 <sup>0</sup> 14	20 <sup>0</sup> 57	22 <sup>0</sup> 51	18 <sup>0</sup> 22	S 29
S 30	16 29 57	8 <sup>0</sup> 50'30	11 <sup>0</sup> 40	28 <sup>0</sup> 18	0 <sup>0</sup> 59	16 <sup>0</sup> 9	8 <sup>0</sup> 11	5 <sup>0</sup> 29	0 <sup>0</sup> 45	12 <sup>2</sup> 48	10 <sup>0</sup> 0	21 <sup>0</sup> 9	20 <sup>0</sup> 54	22 <sup>0</sup> 58	18 <sup>0</sup> 25	S 30
M31	16 33 54	9 <sup>0</sup> 48'18	24 <sup>0</sup> 25	29 <sup>0</sup> 53	1 <sup>0</sup> 25	16 <sup>0</sup> 54	8 <sup>0</sup> 11	5 <sup>0</sup> 28	0 <sup>0</sup> 43	12 <sup>2</sup> 48	10 <sup>0</sup> 1	21 <sup>0</sup> 6	20 <sup>0</sup> 50	23 <sup>0</sup> 8	18 <sup>0</sup> 27	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
-----	---	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--

# ASTRODIENST EPHEMERIS for the year 2658

JUNE 2658

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 37 50	10II46'04	7II28	1825	1852	17839	8°R 0	5°R28	0°R40	12°R47	102 2	21°D 6	2047	23811	18Y30	T 1
W 2	16 41 47	11°43'49	20°54	2°53	2°20	18°23	7II55	527	038	1247	10° 4	21°R 6	20°44	23°18	18°32	W 2
T 3	16 45 43	12°41'32	4243	4°18	2°50	19° 8	7°49	5°27	0°36	12°46	10° 5	21° 5	20°41	23°24	18°35	T 3
F 4	16 49 40	13°39'14	18°58	5°39	3°22	19°53	7°44	5°26	0°34	12°46	10° 6	21° 3	20°38	23°31	18°37	F 4
S 5	16 53 36	14°36'54	3II37	6°57	3°55	20°37	7°39	5°26	0°31	12°45	10° 8	20°59	20°34	23°38	18°39	S 5
S 6	16 57 33	15°34'33	18°36	8°11	4°29	21°22	7°34	5°26	0°29	12°44	10° 9	20°52	20°31	23°45	18°42	S 6
M 7	17 1 29	16°32'10	3248	9°22	5° 5	22° 7	7°30	5°D26	0°26	12°44	10°10	20°42	20°28	23°51	18°44	M 7
T 8	17 5 26	17°29'46	19° 2	10°28	5°41	22°51	7°25	5°26	0°24	12°43	10°12	20°32	20°25	23°58	18°46	T 8
W 9	17 9 23	18°27'21	43 7	11°32	6°19	23°35	7°21	5°26	0°22	12°42	10°13	20°21	20°22	24° 5	18°48	W 9
T 10	17 13 19	19°24'56	18°53	12°31	6°58	24°20	7°17	5°26	0°19	12°41	10°14	20°11	20°19	24°11	18°50	T 10
F 11	17 17 16	20°22'29	3214	13°27	7°39	25° 4	7°13	5°26	0°17	12°41	10°16	20° 4	20°15	24°18	18°52	F 11
S 12	17 21 12	21°20'01	17° 5	14°18	8°20	25°48	7° 9	5°27	0°15	12°40	10°17	19°58	20°12	24°25	18°54	S 12
S 13	17 25 9	22°17'32	027	15° 6	9° 2	26°32	7° 5	5°27	0°12	12°39	10°18	19°56	20° 9	24°32	18°56	S 13
M14	17 29 5	23°15'03	13°22	15°50	9°45	27°17	7° 2	5°28	0°10	12°38	10°20	19°55	20° 6	24°38	18°58	M14
T 15	17 33 2	24°12'32	25°54	16°29	10°29	28° 1	6°58	5°29	0° 7	12°37	10°21	19°55	20° 3	24°45	19° 0	T 15
W16	17 36 59	25°10'01	8Y 8	17° 4	11°14	28°45	6°55	5°30	0° 5	12°36	10°23	19°55	20° 0	24°52	19° 2	W16
T 17	17 40 55	26° 7'30	20° 9	17°35	12° 0	29°29	6°52	5°31	0° 2	12°35	10°24	19°53	19°56	24°58	19° 4	T 17
F 18	17 44 52	27° 4'58	28 2	18° 2	12°47	0II13	6°49	5°32	29259	12°34	10°25	19°49	19°53	25° 5	19° 5	F 18
S 19	17 48 48	28° 2'25	13°52	18°23	13°34	0°57	6°46	5°33	29°57	12°33	10°27	19°42	19°50	25°12	19° 7	S 19
S 20	17 52 45	28°59'51	25°42	18°41	14°22	1°40	6°44	5°34	29°55	12°32	10°28	19°32	19°47	25°19	19° 9	S 20
M21	17 56 41	29°57'17	7II35	18°54	15°11	2°24	6°42	5°35	29°52	12°31	10°30	19°21	19°44	25°25	19°10	M21
T 22	18 0 38	0254'42	19°34	19° 2	16° 1	3° 8	6°39	5°37	29°50	12°30	10°31	19° 8	19°40	25°32	19°12	T 22
W23	18 4 34	1°52'07	1239	19°R 6	16°51	3°51	6°37	5°38	29°47	12°29	10°33	18°54	19°37	25°39	19°13	W23
T 24	18 8 31	2°49'31	13°52	19° 5	17°42	4°35	6°36	5°40	29°45	12°28	10°34	18°42	19°34	25°45	19°15	T 24
F 25	18 12 28	3°46'54	26°14	19° 0	18°34	5°19	6°34	5°42	29°43	12°26	10°35	18°31	19°31	25°52	19°16	F 25
S 26	18 16 24	4°44'16	8246	18°50	19°26	6° 2	6°33	5°44	29°40	12°25	10°37	18°23	19°28	25°59	19°18	S 26
S 27	18 20 21	5°41'37	21°28	18°37	20°19	6°45	6°31	5°46	29°38	12°24	10°38	18°18	19°25	26° 6	19°19	S 27
M28	18 24 17	6°38'58	4II23	18°19	21°12	7°29	6°30	5°48	29°35	12°23	10°40	18°15	19°21	26°12	19°20	M28
T 29	18 28 14	7°36'18	17°33	17°58	22° 6	8°12	6°29	5°50	29°33	12°22	10°41	18°D14	19°18	26°19	19°22	T 29
W30	18 32 10	8233'37	0259	17233	238 1	8II55	6II29	5252	29230	12220	10243	18214	19215	26226	19223	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	21n59	9n50	1n11	25n37	2n17	11n 8	1s 1	16n36	0s27	12s51	1n21	0n 6	2n27	23s32	0s10	16s41
W 2	22 7	3 37	0 1	25 35	2 16	11 10	1 9	16 49	0 26	12 49	1 21	0 6	2 27	23 32	0 10	16 41
T 3	22 14	2s58	1s11	25 32	2 14	11 13	1 17	17 2	0 26	12 48	1 21	0 6	2 27	23 32	0 10	16 41
F 4	22 22	9 35	2 22	25 26	2 12	11 16	1 24	17 15	0 25	12 46	1 20	0 6	2 27	23 32	0 10	16 41
S 5	22 28	15 53	3 24	25 19	2 9	11 21	1 31	17 27	0 25	12 45	1 20	0 6	2 27	23 32	0 10	16 42
S 6	22 35	21 23	4 14	25 11	2 5	11 26	1 38	17 39	0 24	12 44	1 20	0 6	2 26	23 32	0 10	16 42
M 7	22 41	25 32	4 47	25 1	2 0	11 31	1 45	17 51	0 23	12 42	1 20	0 5	2 26	23 32	0 10	16 42
T 8	22 46	27 53	5 0	24 50	1 54	11 37	1 51	18 3	0 23	12 41	1 20	0 5	2 26	23 32	0 11	16 42
W 9	22 51	28 9	4 52	24 38	1 47	11 44	1 57	18 15	0 22	12 40	1 19	0 5	2 26	23 32	0 11	16 42
T 10	22 56	26 23	4 24	24 26	1 40	11 51	2 3	18 27	0 21	12 39	1 19	0 5	2 25	23 32	0 11	16 43
F 11	23 0	22 56	3 40	24 12	1 32	11 59	2 8	18 38	0 21	12 38	1 19	0 4	2 25	23 32	0 11	16 43
S 12	23 4	18 16	2 44	23 57	1 22	12 7	2 14	18 49	0 20	12 37	1 19	0 4	2 25	23 32	0 11	16 43
S 13	23 8	12 51	1 41	23 42	1 12	12 16	2 19	19 0	0 19	12 36	1 18	0 3	2 25	23 32	0 11	16 43
M14	23 11	7 3	0 35	23 27	1 2	12 25	2 23	19 11	0 19	12 35	1 18	0 3	2 25	23 32	0 11	16 44
T 15	23 14	1 8	0n32	23 10	0 50	12 35	2 28	19 21	0 18	12 34	1 18	0 2	2 24	23 32	0 11	16 44
W16	23 16	4n40	1 35	22 54	0 38	12 44	2 32	19 32	0 17	12 33	1 18	0 2	2 24	23 32	0 11	16 44
T 17	23 18	10 12	2 33	22 37	0 25	12 55	2 36	19 42	0 17	12 32	1 17	0 1	2 24	23 32	0 11	16 44
F 18	23 19	15 19	3 23	22 20	0 11	13 5	2 39	19 52	0 16	12 32	1 17	0 1	2 24	23 32	0 11	16 45
S 19	23 20	19 50	4 4	22 3	0s 3	13 16	2 43	20 2	0 15	12 31	1 17	0 0	2 23	23 32	0 11	16 45
S 20	23 21	23 34	4 35	21 46	0 18	13 27	2 46	20 11	0 15	12 30	1 17	0s 1	2 23	23 32	0 11	16 45
M21	23 21	26 20	4 54	21 29	0 33	13 38	2 49	20 21	0 14	12 30	1 16	0 1	2 23	23 32	0 11	16 46
T 22	23 21	27 56	5 0	21 12	0 49	13 50	2 52	20 30	0 13	12 29	1 16	0 2	2 23	23 32	0 11	16 46
W23	23 21	28 14	4 53	20 55	1 6	14 1	2 55	20 39	0 13	12 29	1 16	0 3	2 23	23 32	0 11	16 46
T 24	23 20	27 9	4 32	20 39	1 22	14 13	2 57	20 47	0 12	12 29	1 16	0 4	2 22	23 32	0 11	16 47
F 25	23 18	24 44	3 58	20 23	1 39	14 25	2 59	20 56	0 11	12 28	1 15	0 5	2 22	23 32	0 11	16 47
S 26	23 16	21 6	3 13	20 7	1 56	14 37	3 1	21 4	0 10	12 28	1 15	0 6	2 22	23 32	0 11	16 47
S 27	23 14	16 27	2 17	19 52	2 13	14 49	3 3	21 12	0 10	12 28	1 15	0 7	2 22	23 32	0 11	16 48
M28	23 11	11 0	1 13	19 38	2 30	15 2	3 5	21 20	0 9	12 28	1 15	0 8	2 22	23 32	0 11	16 48
T 29	23 8	4 58	0 4	19 25	2 46	15 14	3 6	21 28	0 8	12 28	1 14	0 9	2 21	23 32	0 11	16 48
W30	23n 5	1s25	1s 7	19n12	3s 2	15n26	3s 7	21n35	0s 8	12s28	1n14	0s10	2n21	23s32	0s11	16s49

Julian Day Number = 2692025.5, Delta T = 24m11s  
Ecliptic obliquity = 23°21'22, Nutation = 0°00'02  
Ayanamsha: Fagan/Bradley = 33°57'02, Lahiri = 33°04'02

## ASTRODIENST EPHEMERIS for the year 2658

JULY 2658

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 36 7	9 <sup>53</sup> 30'55	14 <sup>44</sup> 44	17°R 5	23 <sup>55</sup> 55	9 <sup>38</sup> 38	6°R28	5 <sup>55</sup> 55	29°R28	12°R19	10 <sup>44</sup> 44	18°R14	19 <sup>12</sup> 12	26 <sup>53</sup> 53	19 <sup>24</sup> 24	T 1
F 2	18 40 3	10°28'12	28°48	16 <sup>35</sup> 35	24°51	10°21	6 <sup>28</sup> 28	5°57	29 <sup>26</sup> 26	12 <sup>18</sup> 18	10°46	18 <sup>13</sup> 13	19° 9	26°39	19°25	F 2
S 3	18 44 0	11°25'28	13 <sup>13</sup> 13	16° 3	25°47	11° 4	6°27	6° 0	29°23	12°16	10°47	18°10	19° 6	26°46	19°26	S 3
S 4	18 47 57	12°22'44	27°53	15°29	26°43	11°47	6°D27	6° 2	29°21	12°15	10°49	18° 4	19° 2	26°53	19°27	S 4
M 5	18 51 53	13°20'00	12 <sup>45</sup> 45	14°54	27°40	12°30	6°28	6° 5	29°18	12°14	10°50	17°56	18°59	26°59	19°28	M 5
T 6	18 55 50	14°17'15	27°41	14°19	28°37	13°13	6°28	6° 8	29°16	12°12	10°51	17°47	18°56	27° 6	19°29	T 6
W 7	18 59 46	15°14'29	12 <sup>32</sup> 32	13°44	29°35	13°56	6°28	6°11	29°14	12°11	10°53	17°38	18°53	27°13	19°30	W 7
T 8	19 3 43	16°11'43	27° 8	13°10	0 <sup>33</sup> 33	14°39	6°29	6°14	29°11	12°10	10°54	17°29	18°50	27°19	19°30	T 8
F 9	19 7 39	17° 8'57	11 <sup>24</sup> 24	12°37	1°31	15°21	6°30	6°17	29° 9	12° 8	10°56	17°23	18°46	27°26	19°31	F 9
S 10	19 11 36	18° 6'11	25°14	12° 6	2°30	16° 4	6°31	6°20	29° 7	12° 7	10°57	17°19	18°43	27°33	19°32	S 10
S 11	19 15 33	19° 3'25	8 <sup>38</sup> 38	11°38	3°29	16°47	6°32	6°23	29° 4	12° 5	10°59	17°17	18°40	27°40	19°33	S 11
M12	19 19 29	20° 0'38	21°36	11°13	4°28	17°29	6°34	6°27	29° 2	12° 4	11° 0	17°D16	18°37	27°46	19°33	M12
T 13	19 23 26	20°57'52	4 <sup>11</sup> 11	10°51	5°28	18°11	6°35	6°30	29° 0	12° 2	11° 2	17°17	18°34	27°53	19°34	T 13
W14	19 27 22	21°55'06	16°27	10°33	6°28	18°54	6°37	6°34	28°58	12° 1	11° 3	17°R18	18°31	28° 0	19°34	W14
T 15	19 31 19	22°52'20	28°31	10°20	7°29	19°36	6°39	6°37	28°56	11°59	11° 4	17°18	18°27	28° 6	19°35	T 15
F 16	19 35 15	23°49'34	10 <sup>25</sup> 25	10°10	8°30	20°18	6°41	6°41	28°53	11°58	11° 6	17°16	18°24	28°13	19°35	F 16
S 17	19 39 12	24°46'49	22°17	10°D 6	9°31	21° 1	6°43	6°45	28°51	11°56	11° 7	17°13	18°21	28°20	19°35	S 17
S 18	19 43 8	25°44'04	4 <sup>11</sup> 11	10° 6	10°32	21°43	6°46	6°48	28°49	11°55	11° 9	17° 7	18°18	28°27	19°36	S 18
M19	19 47 5	26°41'19	16° 6	10°12	11°34	22°25	6°49	6°52	28°47	11°53	11°10	17° 0	18°15	28°33	19°36	M19
T 20	19 51 2	27°38'35	28°10	10°23	12°36	23° 7	6°51	6°56	28°45	11°52	11°11	16°51	18°12	28°40	19°36	T 20
W21	19 54 58	28°35'50	10 <sup>24</sup> 24	10°38	13°38	23°49	6°54	7° 1	28°43	11°50	11°13	16°42	18° 8	28°47	19°36	W21
T 22	19 58 55	29°33'06	22°50	10°59	14°41	24°31	6°57	7° 5	28°41	11°49	11°14	16°34	18° 5	28°53	19°36	T 22
F 23	20 2 51	0 <sup>30</sup> 30'22	5 <sup>27</sup> 27	11°26	15°44	25°12	7° 1	7° 9	28°39	11°47	11°16	16°27	18° 2	29° 0	19°R36	F 23
S 24	20 6 48	1°27'39	18°16	11°57	16°47	25°54	7° 4	7°13	28°37	11°45	11°17	16°21	17°59	29° 7	19°36	S 24
S 25	20 10 44	2°24'55	1 <sup>18</sup> 18	12°34	17°50	26°36	7° 8	7°18	28°35	11°44	11°18	16°18	17°56	29°14	19°36	S 25
M26	20 14 41	3°22'12	14°31	13°16	18°53	27°17	7°12	7°22	28°33	11°42	11°20	16°D17	17°52	29°20	19°36	M26
T 27	20 18 37	4°19'28	27°56	14° 3	19°57	27°59	7°16	7°27	28°31	11°41	11°21	16°18	17°49	29°27	19°36	T 27
W28	20 22 34	5°16'45	11 <sup>43</sup> 43	14°56	21° 1	28°41	7°20	7°32	28°30	11°39	11°22	16°19	17°46	29°34	19°35	W28
T 29	20 26 31	6°14'02	25°25	15°53	22° 5	29°22	7°24	7°36	28°28	11°37	11°24	16°20	17°43	29°40	19°35	T 29
F 30	20 30 27	7°11'18	9 <sup>27</sup> 27	16°55	23° 9	0 <sup>3</sup> 3	7°29	7°41	28°26	11°36	11°25	16°R21	17°40	29°47	19°35	F 30
S 31	20 34 24	8 <sup>36</sup> 36	23 <sup>42</sup> 42	18 <sup>3</sup> 3	24 <sup>14</sup> 14	0 <sup>45</sup> 45	7 <sup>33</sup> 33	7 <sup>46</sup> 46	28 <sup>24</sup> 24	11 <sup>34</sup> 34	11 <sup>26</sup> 26	16 <sup>30</sup> 30	17 <sup>37</sup> 37	29 <sup>54</sup> 54	19 <sup>34</sup> 34	S 31

Day	☉	☽		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈	♉		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
T 1	23n 1	7s52	2s16	19n 0	3s17	15n39	3s 9	21n42	0s 7	12s28	1n14	0s11	2n21	23s32	0s11	16s49	0n14	17n30	5s26	4s38	4s16	23n56	9n 5	1n39
F 2	22 57	14 6	3 18	18 50	3 32	15 51	3 9	21 49	0 6	12 28	1 14	0 12	2 21	23 32	0 11	16 49	0 14	17 30	5 26	4 39	4 17	23 58	9 6	1 39
S 3	22 52	19 42	4 9	18 40	3 45	16 3	3 10	21 56	0 5	12 28	1 13	0 13	2 20	23 32	0 11	16 50	0 14	17 30	5 26	4 40	4 18	24 0	9 6	1 39
S 4	22 47	24 14	4 45	18 31	3 58	16 16	3 11	22 3	0 5	12 28	1 13	0 15	2 20	23 32	0 11	16 50	0 14	17 30	5 26	4 42	4 19	24 2	9 7	1 39
M 5	22 41	27 14	5 2	18 23	4 10	16 28	3 11	22 9	0 4	12 29	1 13	0 16	2 20	23 32	0 11	16 51	0 14	17 30	5 26	4 45	4 21	24 4	9 7	1 39
T 6	22 36	28 19	4 59	18 17	4 20	16 40	3 12	22 15	0 3	12 29	1 13	0 17	2 20	23 32	0 11	16 51	0 14	17 30	5 26	4 49	4 22	24 5	9 7	1 39
W 7	22 29	27 20	4 35	18 12	4 29	16 52	3 12	22 21	0 3	12 30	1 12	0 18	2 20	23 32	0 11	16 51	0 14	17 30	5 26	4 52	4 23	24 7	9 8	1 39
T 8	22 23	24 29	3 54	18 8	4 36	17 4	3 12	22 27	0 2	12 30	1 12	0 20	2 19	23 32	0 11	16 52	0 14	17 30	5 26	4 56	4 24	24 9	9 8	1 39
F 9	22 16	20 10	2 59	18 5	4 42	17 16	3 11	22 32	0 1	12 31	1 12	0 21	2 19	23 32	0 11	16 52	0 14	17 30	5 26	4 58	4 26	24 11	9 8	1 39
S 10	22 8	14 52	1 55	18 4	4 46	17 28	3 11	22 37	0 0	12 31	1 12	0 23	2 19	23 32	0 11	16 52	0 14	17 29	5 26	5 0	4 27	24 13	9 9	1 39
S 11	22 0	9 1	0 46	18 3	4 49	17 39	3 11	22 42	0n 0	12 32	1 11	0 24	2 19	23 32	0 11	16 53	0 14	17 29	5 26	5 1	4 28	24 15	9 9	1 39
M12	21 52	2 58	0n23	18 4	4 50	17 51	3 10	22 47	0 1	12 33	1 11	0 26	2 19	23 32	0 11	16 53	0 14	17 29	5 26	5 1	4 29	24 17	9 9	1 39
T 13	21 44	3n 1	1 29	18 6	4 50	18 2	3 9	22 52	0 2	12 33	1 11	0 27	2 18	23 32	0 11	16 54	0 14	17 29	5 26	5 0	4 31	24 19	9 9	1 39
W14	21 35	8 45	2 30	18 9	4 48	18 13	3 9	22 56	0 3	12 34	1 10	0 29	2 18	23 32	0 11	16 54	0 14	17 29	5 26	5 0	4 32	24 20	9 10	1 39
T 15	21 25	14 4	3 22	18 14	4 45	18 24	3 8	23 0	0 3	12 35	1 10	0 30	2 18	23 32	0 11	16 55	0 14	17 29	5 26	5 0	4 33	24 22	9 10	1 39
F 16	21 16	18 47	4 6	18 19	4 40	18 34	3 7	23 4	0 4	12 36	1 10	0 32	2 18	23 32	0 11	16 55	0 14	17 29	5 26	5 1	4 34	24 24	9 10	1 39
S 17	21 6	22 45	4 38	18 25	4 34	18 45	3 5	23 8	0 5	12 37	1 10	0 34	2 18	23 32	0 11	16 55	0 14	17 29	5 26	5 2	4 35	24 26	9 10	1 39
S 18	20 55	25 47	4 59	18 32	4 27	18 55	3 4	23 11	0 5	12 38	1 9	0 35	2 17	23 32	0 11	16 56	0 14	17 29	5 26	5 4	4 37	24 28	9 10	1 39
M19	20 45	27 42	5 6	18 40	4 19	19 5	3 3	23 15	0 6	12 39	1 9	0 37	2 17	23 32	0 11	16 56	0 14	17 29	5 26	5 7	4 38	24 30	9 10	1 39
T 20	20 34	28 21	5 0	18 48	4 10	19 14	3 1	23 18	0 7	12 40	1 9	0 39	2 17	23 32	0 11	16 57	0 14	17 29	5 26	5 11	4 39	24 31	9 10	1 39
W21	20 22	27 37	4 41	18 57	4 0	19 23	2 59	23 20	0 8	12 41	1 9	0 41	2 17	23 32	0 11	16 57	0 14	17 29	5 26	5 14	4 40	24 33	9 10	1 39
T 22	20 10	25 30	4 8	19 6	3 49	19 32	2 58	23 23	0 8	12 43	1 8	0 42	2 17	23 32	0 11	16 58	0 14	17 28	5 26	5 17	4 42	24 35	9 10	1 39
F 23	19 58	22 6	3 22	19 15	3 38	19 41	2 56	23 25	0 9	12 44	1 8	0 44	2 16	23 32	0 11	16 58	0 14	17 28	5 26	5 20	4 43	24 37	9 10	1 39
S 24	19 46	17 36	2 25	19 25	3 25	19 49	2 54	23 27	0 10	12 45	1 8	0 46	2 16	23 32	0 11	16 59	0 14	17 28	5 26	5 22	4 44	24 38	9 10	1 39
S 25	19 33	12 14	1 20	19 34	3 13	19 57	2 52	23 29	0 11	12 47	1 8	0 48	2 16	23 32	0 11	16 59	0 14	17 28	5 26	5 23	4 45	24 40	9 10	1 39
M26	19 20	6 13	0 10	19 43	2 59	20 4	2 50	23 31	0 11	12 48	1 7	0 50	2 16	23 32	0 11	16 59	0 14	17 28	5 26	5 24	4 47	24 42	9 10	1 39
T 27	19 7	0s 9	1s 3	19 52	2 46	20 11	2 48	23 33	0 12	12 50	1 7	0 52	2 16	23 32	0 11	17 0	0 14	17 28	5 26	5 23	4 48	24 44	9 10	1 39
W28	18 53	6 36	2 13	20 0	2 32	20 18	2 45	23 34	0 13	12 51	1 7	0 54	2 16	23 32	0 11	17 0	0 14	17 28	5 26	5 23	4 49	24 46	9 10	1 39
T29	18 39	12 50	3 16	20 8	2 18	20 25	2 43	23 35	0 14	12 53	1 7	0 56	2 15	23 32	0 11	17 1	0 14	17 28	5 26	5 22	4 50	24 47	9 10	1 39
F 30	18 25	18 31	4 9	20 15	2 4	20 30	2 41	23 36	0 14	12 55	1 6	0 58	2 15	23 32	0 11	17 1	0 14	17 28	5 26	5 22	4 52	24 49	9 10	1 39
S 31	18n10	23s15	4s47	20n21	1s49	20n36	2s38	23n36	0n15	12s56	1n 6	1s 0	2n15	23s32	0s11	17s 2	0n14	17n27	5s26	5s23	4s53	24n51	9n10	1n39

## ASTRODIENST EPHEMERIS for the year 2658

AUGUST 2658

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 38 20	9♌ 5'53	8♋ 5	19♏15	25♐19	1♈26	7♍38	7♌51	28°R23	11°R32	11♊28	16°R17	17♋33	0♐1	19°R34	S 1
M 2	20 42 17	10° 3'10	22°34	20°31	26°24	2° 7	7°43	7°56	28°21	11°31	11°29	16°13	17°30	0° 7	19°V33	M 2
T 3	20 46 13	11° 0'28	7♋ 34	21°53	27°29	2°48	7°48	8° 1	28°19	11°29	11°30	16° 8	17°27	0°14	19°33	T 3
W 4	20 50 10	11°57'47	21°30	23°19	28°34	3°29	7°53	8° 6	28°18	11°28	11°32	16° 3	17°24	0°21	19°32	W 4
T 5	20 54 6	12°55'05	5♌44	24°49	29°40	4°10	7°59	8°12	28°16	11°26	11°33	15°58	17°21	0°27	19°31	T 5
F 6	20 58 3	13°52'24	19°42	26°24	0♈45	4°51	8° 4	8°17	28°15	11°24	11°34	15°55	17°18	0°34	19°31	F 6
S 7	21 2 0	14°49'44	3♋20	28° 2	1°51	5°32	8°10	8°22	28°13	11°23	11°35	15°53	17°14	0°41	19°30	S 7
S 8	21 5 56	15°47'05	16°37	29°45	2°57	6°13	8°15	8°28	28°12	11°21	11°37	15°D52	17°11	0°48	19°29	S 8
M 9	21 9 53	16°44'26	29°32	1♌30	4° 3	6°53	8°21	8°33	28°11	11°19	11°38	15°53	17° 8	0°54	19°28	M 9
T 10	21 13 49	17°41'48	12♍ 7	3°20	5°10	7°34	8°28	8°39	28° 9	11°18	11°39	15°54	17° 5	1° 1	19°27	T 10
W 11	21 17 46	18°39'12	24°25	5°12	6°16	8°14	8°34	8°44	28° 8	11°16	11°40	15°56	17° 2	1° 8	19°26	W 11
T 12	21 21 42	19°36'36	6♋30	7° 7	7°23	8°55	8°40	8°50	28° 7	11°15	11°42	15°57	16°58	1°14	19°25	T 12
F 13	21 25 39	20°34'01	18°27	9° 4	8°30	9°35	8°47	8°56	28° 6	11°13	11°43	15°R58	16°55	1°21	19°24	F 13
S 14	21 29 35	21°31'28	0♐20	11° 4	9°37	10°16	8°53	9° 1	28° 4	11°11	11°44	15°58	16°52	1°28	19°23	S 14
S 15	21 33 32	22°28'56	12°14	13° 5	10°44	10°56	9° 0	9° 7	28° 3	11°10	11°45	15°56	16°49	1°35	19°22	S 15
M 16	21 37 29	23°26'25	24°13	15° 7	11°52	11°36	9° 7	9°13	28° 2	11° 8	11°46	15°54	16°46	1°41	19°21	M 16
T 17	21 41 25	24°23'55	6♏22	17°10	12°59	12°16	9°14	9°19	28° 1	11° 7	11°47	15°51	16°43	1°48	19°20	T 17
W 18	21 45 22	25°21'26	18°43	19°14	14° 7	12°57	9°21	9°25	28° 0	11° 5	11°48	15°48	16°39	1°55	19°18	W 18
T 19	21 49 18	26°18'59	1♌19	21°18	15°14	13°37	9°29	9°31	27°59	11° 4	11°50	15°45	16°36	2° 1	19°17	T 19
F 20	21 53 15	27°16'32	14°11	23°22	16°22	14°17	9°36	9°37	27°59	11° 2	11°51	15°42	16°33	2° 8	19°16	F 20
S 21	21 57 11	28°14'07	27°19	25°26	17°30	14°57	9°44	9°44	27°58	11° 0	11°52	15°41	16°30	2°15	19°14	S 21
S 22	22 1 8	29°11'43	10♐43	27°30	18°39	15°36	9°51	9°50	27°57	10°59	11°53	15°D40	16°27	2°22	19°13	S 22
M 23	22 5 4	0♐ 9'19	24°21	29°33	19°47	16°16	9°59	9°56	27°56	10°57	11°54	15°40	16°24	2°28	19°11	M 23
T 24	22 9 1	1° 6'57	8♌11	1♐35	20°55	16°56	10° 7	10° 2	27°55	10°56	11°55	15°41	16°20	2°35	19°10	T 24
W 25	22 12 58	2° 4'36	22°10	3°36	22° 4	17°35	10°15	10° 9	27°55	10°54	11°56	15°42	16°17	2°42	19° 8	W 25
T 26	22 16 54	3° 2'15	6♍17	5°36	23°13	18°15	10°23	10°15	27°54	10°53	11°57	15°43	16°14	2°49	19° 6	T 26
F 27	22 20 51	3°59'56	20°29	7°35	24°21	18°54	10°32	10°22	27°54	10°51	11°58	15°44	16°11	2°55	19° 5	F 27
S 28	22 24 47	4°57'37	4♌42	9°32	25°30	19°34	10°40	10°28	27°53	10°50	11°59	15°R44	16° 8	3° 2	19° 3	S 28
S 29	22 28 44	5°55'20	18°56	11°28	26°39	20°13	10°49	10°35	27°53	10°49	12° 0	15°44	16° 4	3° 9	19° 1	S 29
M 30	22 32 40	6°53'04	3♋ 7	13°23	27°49	20°52	10°57	10°41	27°52	10°47	12° 1	15°43	16° 1	3°15	18°59	M 30
T 31	22 36 37	7♐50'48	17♋13	15♐17	28♏58	21♏32	11♍ 6	10♌48	27°52	10°46	12♏ 1	15°42	15°58	3♐22	18°V58	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	17n55	26s38	5s 7	20n25	1s35	20n41	2s35	23n37	0n16	12s58	1n 6	1s 2	2n15	23s32	0s11	17s 2
M 2	17 40	28 17	5 9	20 28	1 20	20 46	2 33	23 37	0 17	13 0	1 6	1 4	2 15	23 32	0 11	17 3
T 3	17 24	28 0	4 50	20 30	1 6	20 50	2 30	23 37	0 17	13 2	1 5	1 7	2 15	23 32	0 11	17 3
W 4	17 9	25 49	4 14	20 30	0 52	20 54	2 27	23 37	0 18	13 4	1 5	1 9	2 14	23 32	0 11	17 4
T 5	16 53	22 2	3 21	20 28	0 38	20 57	2 24	23 36	0 19	13 6	1 5	1 11	2 14	23 32	0 11	17 4
F 6	16 36	17 2	2 18	20 24	0 24	21 0	2 21	23 36	0 20	13 8	1 5	1 13	2 14	23 32	0 11	17 4
S 7	16 20	11 18	1 8	20 18	0 11	21 2	2 18	23 35	0 20	13 10	1 4	1 15	2 14	23 32	0 11	17 5
S 8	16 3	5 12	0n 4	20 9	0n 1	21 4	2 15	23 34	0 21	13 12	1 4	1 18	2 14	23 32	0 11	17 5
M 9	15 46	0n57	1 14	19 59	0 14	21 6	2 12	23 33	0 22	13 14	1 4	1 20	2 14	23 32	0 11	17 6
T 10	15 29	6 54	2 19	19 45	0 25	21 6	2 9	23 31	0 23	13 16	1 4	1 22	2 13	23 32	0 11	17 6
W 11	15 11	12 28	3 16	19 29	0 36	21 7	2 6	23 30	0 24	13 18	1 4	1 25	2 13	23 32	0 11	17 7
T 12	14 53	17 28	4 3	19 10	0 46	21 7	2 3	23 28	0 24	13 21	1 3	1 27	2 13	23 32	0 11	17 7
F 13	14 35	21 43	4 39	18 49	0 56	21 6	1 59	23 26	0 25	13 23	1 3	1 29	2 13	23 32	0 11	17 8
S 14	14 17	25 5	5 2	18 25	1 4	21 5	1 56	23 23	0 26	13 25	1 3	1 32	2 13	23 31	0 11	17 8
S 15	13 58	27 21	5 13	17 59	1 12	21 3	1 53	23 21	0 27	13 27	1 3	1 34	2 13	23 31	0 11	17 9
M 16	13 40	28 24	5 11	17 30	1 19	21 1	1 49	23 18	0 27	13 30	1 2	1 36	2 13	23 31	0 11	17 9
T 17	13 21	28 6	4 54	16 59	1 25	20 58	1 46	23 16	0 28	13 32	1 2	1 39	2 13	23 31	0 11	17 9
W 18	13 1	26 25	4 24	16 26	1 31	20 55	1 42	23 13	0 29	13 35	1 2	1 41	2 12	23 31	0 11	17 10
T 19	12 42	23 23	3 40	15 51	1 35	20 51	1 39	23 9	0 30	13 37	1 2	1 44	2 12	23 31	0 11	17 10
F 20	12 23	19 9	2 45	15 14	1 39	20 47	1 35	23 6	0 30	13 40	1 2	1 46	2 12	23 31	0 11	17 11
S 21	12 3	13 55	1 40	14 35	1 42	20 42	1 32	23 2	0 31	13 42	1 1	1 49	2 12	23 31	0 11	17 11
S 22	11 43	7 57	0 27	13 55	1 44	20 37	1 28	22 59	0 32	13 45	1 1	1 51	2 12	23 31	0 11	17 12
M 23	11 23	1 31	0s48	13 14	1 45	20 31	1 25	22 55	0 33	13 48	1 1	1 54	2 12	23 31	0 11	17 12
T 24	11 2	5s 5	2 1	12 31	1 45	20 24	1 21	22 51	0 34	13 50	1 1	1 57	2 12	23 31	0 11	17 12
W 25	10 42	11 31	3 8	11 47	1 45	20 17	1 17	22 46	0 34	13 53	1 0	1 59	2 12	23 31	0 11	17 13
T 26	10 21	17 25	4 4	11 3	1 44	20 9	1 14	22 42	0 35	13 56	1 0	2 2	2 11	23 31	0 11	17 13
F 27	10 1	22 24	4 46	10 17	1 43	20 1	1 10	22 37	0 36	13 59	1 0	2 4	2 11	23 31	0 11	17 14
S 28	9 40	26 5	5 10	9 31	1 41	19 53	1 6	22 32	0 37	14 1	1 0	2 7	2 11	23 31	0 11	17 14
S 29	9 18	28 8	5 16	8 45	1 38	19 43	1 3	22 28	0 38	14 4	1 0	2 10	2 11	23 31	0 11	17 14
M 30	8 57	28 21	5 2	7 58	1 35	19 34	0 59	22 22	0 38	14 7	0 59	2 12	2 11	23 31	0 11	17 15
T 31	8n36	26s43	4s30	7n11	1n31	19n23	0s55	22n17	0n39	14s10	0n59	2s15	2n11	23s31	0s11	17s15

Julian Day Number = 2692086.5, Delta T = 24m12s

Ecliptic obliquity = 23°21'22, Nutation = 0°00'05

Ayanamsha: Fagan/Bradley = 33°57'10, Lahiri = 33°04'10



## ASTRODIENST EPHEMERIS for the year 2658

OCTOBER 2658

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	0 38 50	7♂54'00	7♂52	3♂11	5♂37	11♂8	16♂25	14♂29	28♂7	10♂R12	12♂20	15♂40	14♂20	6♂50	17♂R45	F 1
S 2	0 42 47	8°52'36	20°47	4°21	6°49	11°45	16°36	14°36	28°8	10♂R12	12°20	15°R40	14°16	6°57	17°V42	S 2
S 3	0 46 43	9°51'15	3°V30	5°30	8°1	12°22	16°48	14°44	28°10	10°11	12°20	15°39	14°13	7°4	17°40	S 3
M 4	0 50 40	10°49'56	16°0	6°37	9°14	12°58	17°0	14°51	28°11	10°11	12°21	15°36	14°10	7°11	17°37	M 4
T 5	0 54 36	11°48'38	28°20	7°42	10°26	13°34	17°11	14°59	28°12	10°10	12°21	15°33	14°7	7°17	17°34	T 5
W 6	0 58 33	12°47'23	10♂30	8°44	11°39	14°11	17°23	15°6	28°14	10°9	12°21	15°28	14°4	7°24	17°31	W 6
T 7	1 2 29	13°46'09	22°31	9°44	12°52	14°47	17°35	15°13	28°15	10°9	12°21	15°24	14°1	7°31	17°29	T 7
F 8	1 6 26	14°44'58	4♂27	10°42	14°4	15°23	17°47	15°21	28°17	10°8	12°21	15°19	13°57	7°38	17°26	F 8
S 9	1 10 22	15°43'49	16°19	11°36	15°17	15°59	17°59	15°28	28°19	10°8	12°21	15°15	13°54	7°44	17°23	S 9
S 10	1 14 19	16°42'42	28°11	12°28	16°30	16°35	18°11	15°36	28°20	10°8	12°21	15°12	13°51	7°51	17°21	S 10
M 11	1 18 16	17°41'38	10♂8	13°16	17°43	17°11	18°23	15°43	28°22	10°7	12°21	15°10	13°48	7°58	17°18	M 11
T 12	1 22 12	18°40'36	22°14	14°1	18°56	17°46	18°35	15°51	28°24	10°7	12°21	15°D10	13°45	8°4	17°15	T 12
W 13	1 26 9	19°39'36	4♂34	14°42	20°9	18°22	18°47	15°58	28°26	10°7	12°R21	15°11	13°41	8°11	17°12	W 13
T 14	1 30 5	20°38'38	17°13	15°18	21°23	18°57	19°0	16°6	28°28	10°6	12°21	15°12	13°38	8°18	17°10	T 14
F 15	1 34 2	21°37'42	0♂14	15°50	22°36	19°33	19°12	16°13	28°29	10°6	12°21	15°14	13°35	8°25	17°7	F 15
S 16	1 37 58	22°36'49	13°41	16°17	23°49	20°8	19°24	16°21	28°31	10°6	12°21	15°R14	13°32	8°31	17°4	S 16
S 17	1 41 55	23°35'58	27°34	16°39	25°3	20°43	19°37	16°28	28°33	10°6	12°21	15°14	13°29	8°38	17°2	S 17
M 18	1 45 51	24°35'08	11♂52	16°55	26°16	21°18	19°49	16°35	28°35	10°5	12°21	15°11	13°26	8°45	16°59	M 18
T 19	1 49 48	25°34'21	26°31	17°4	27°29	21°53	20°2	16°43	28°38	10°5	12°21	15°7	13°22	8°51	16°56	T 19
W 20	1 53 45	26°33'36	11♂25	17°R6	28°43	22°28	20°14	16°50	28°40	10°5	12°21	15°1	13°19	8°58	16°54	W 20
T 21	1 57 41	27°32'54	26°24	17°1	29°57	23°3	20°27	16°58	28°42	10°5	12°21	14°55	13°16	9°5	16°51	T 21
F 22	2 1 38	28°32'13	11♂20	16°48	1♂10	23°37	20°39	17°5	28°44	10°D5	12°20	14°48	13°13	9°12	16°48	F 22
S 23	2 5 34	29°31'33	26°4	16°28	2°24	24°12	20°52	17°12	28°46	10°5	12°20	14°43	13°10	9°18	16°46	S 23
S 24	2 9 31	0♂30'56	10♂30	15°58	3°38	24°46	21°5	17°20	28°49	10°5	12°20	14°39	13°7	9°25	16°43	S 24
M 25	2 13 27	1°30'20	24°36	15°21	4°52	25°21	21°17	17°27	28°51	10°5	12°20	14°38	13°3	9°32	16°40	M 25
T 26	2 17 24	2°29'46	8♂19	14°35	6°5	25°55	21°30	17°34	28°53	10°5	12°19	14°D38	13°0	9°39	16°38	T 26
W 27	2 21 20	3°29'13	21°42	13°42	7°19	26°29	21°43	17°42	28°56	10°5	12°19	14°39	12°57	9°45	16°35	W 27
T 28	2 25 17	4°28'43	4♂47	12°41	8°33	27°3	21°56	17°49	28°58	10°6	12°19	14°40	12°54	9°52	16°33	T 28
F 29	2 29 14	5°28'13	17°36	11°34	9°47	27°37	22°8	17°56	29°1	10°6	12°18	14°R40	12°51	9°59	16°30	F 29
S 30	2 33 10	6°27'46	0♂12	10°23	11°1	28°10	22°21	18°3	29°3	10°6	12°18	14°39	12°47	10°5	16°28	S 30
S 31	2 37 7	7♂27'20	12♂37	9♂9	12♂15	28♂44	22♂34	18♂10	29♂6	10♂6	12♂18	14♂35	12♂44	10♂12	16♂25	S 31

Day	☉	☽		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	3s 7	9s15	0s43	14s33	2s 9	10n 8	0n46	18n24	1n 4	15s49	0n54	3s42	2n10	23s32	0s11	17s25	0n13	17n20	5s29	5s38	6s 9	26n24	8n28	1n39	
S 2	3 30	3 13	0n28	15 4	2 16	9 44	0 49	18 15	1 5	15 53	0 54	3 45	2 10	23 32	0 11	17 25	0 13	17 20	5 29	5 38	6 10	26 26	8 27	1 39	
S 3	3 53	2n52	1 36	15 34	2 23	9 20	0 51	18 5	1 6	15 56	0 54	3 47	2 10	23 32	0 11	17 25	0 13	17 20	5 29	5 38	6 11	26 27	8 26	1 39	
M 4	4 16	8 43	2 39	16 3	2 31	8 55	0 54	17 56	1 7	16 0	0 54	3 50	2 10	23 32	0 11	17 25	0 13	17 20	5 29	5 39	6 13	26 28	8 24	1 38	
T 5	4 39	14 9	3 33	16 31	2 37	8 30	0 56	17 46	1 8	16 3	0 54	3 53	2 10	23 32	0 11	17 25	0 13	17 20	5 29	5 41	6 14	26 29	8 23	1 38	
W 6	5 2	18 58	4 16	16 57	2 44	8 5	0 59	17 37	1 9	16 6	0 54	3 56	2 10	23 32	0 11	17 26	0 13	17 20	5 29	5 42	6 15	26 31	8 22	1 38	
T 7	5 25	22 58	4 48	17 22	2 50	7 39	1 1	17 27	1 9	16 10	0 53	3 59	2 10	23 32	0 11	17 26	0 13	17 19	5 29	5 44	6 16	26 32	8 21	1 38	
F 8	5 48	25 58	5 6	17 46	2 56	7 13	1 3	17 17	1 10	16 13	0 53	4 2	2 10	23 32	0 11	17 26	0 13	17 19	5 29	5 46	6 17	26 33	8 20	1 38	
S 9	6 10	27 50	5 12	18 9	3 2	6 47	1 5	17 7	1 11	16 17	0 53	4 5	2 10	23 32	0 11	17 26	0 13	17 19	5 29	5 48	6 19	26 34	8 19	1 38	
S 10	6 33	28 25	5 4	18 30	3 7	6 21	1 7	16 57	1 12	16 20	0 53	4 7	2 10	23 32	0 11	17 26	0 13	17 19	5 29	5 49	6 20	26 35	8 18	1 38	
M11	6 55	27 40	4 43	18 49	3 12	5 54	1 10	16 47	1 13	16 24	0 53	4 10	2 10	23 32	0 11	17 26	0 13	17 19	5 29	5 50	6 21	26 37	8 17	1 38	
T 12	7 18	25 38	4 9	19 7	3 16	5 28	1 11	16 37	1 14	16 27	0 53	4 13	2 10	23 32	0 11	17 26	0 13	17 19	5 29	5 50	6 22	26 38	8 16	1 38	
W13	7 40	22 21	3 23	19 23	3 20	5 1	1 13	16 27	1 15	16 30	0 53	4 16	2 10	23 32	0 11	17 27	0 13	17 19	5 29	5 49	6 24	26 39	8 15	1 38	
T 14	8 2	17 57	2 27	19 37	3 23	4 34	1 15	16 17	1 15	16 34	0 53	4 19	2 10	23 32	0 11	17 27	0 13	17 19	5 30	5 49	6 25	26 40	8 13	1 38	
F 15	8 24	12 37	1 21	19 48	3 26	4 6	1 17	16 7	1 16	16 37	0 52	4 21	2 10	23 32	0 11	17 27	0 13	17 19	5 30	5 48	6 26	26 41	8 12	1 38	
S 16	8 46	6 32	0 9	19 58	3 28	3 39	1 19	15 57	1 17	16 41	0 52	4 24	2 10	23 32	0 11	17 27	0 13	17 19	5 30	5 48	6 27	26 43	8 11	1 38	
S 17	9 8	0s 3	1s 6	20 5	3 29	3 11	1 20	15 46	1 18	16 44	0 52	4 27	2 10	23 32	0 11	17 27	0 13	17 19	5 30	5 48	6 28	26 44	8 10	1 38	
M18	9 30	6 49	2 19	20 10	3 29	2 44	1 22	15 36	1 19	16 48	0 52	4 30	2 10	23 32	0 11	17 27	0 13	17 19	5 30	5 49	6 30	26 45	8 9	1 37	
T 19	9 51	13 23	3 25	20 11	3 28	2 16	1 23	15 25	1 20	16 51	0 52	4 33	2 10	23 32	0 11	17 27	0 13	17 19	5 30	5 51	6 31	26 46	8 8	1 37	
W20	10 13	19 17	4 17	20 10	3 25	1 48	1 25	15 15	1 21	16 55	0 52	4 35	2 10	23 32	0 11	17 27	0 13	17 18	5 30	5 53	6 32	26 47	8 7	1 37	
T 21	10 34	24 1	4 53	20 5	3 22	1 20	1 26	15 4	1 22	16 58	0 52	4 38	2 10	23 32	0 11	17 27	0 13	17 18	5 30	5 55	6 33	26 48	8 6	1 37	
F 22	10 55	27 8	5 8	19 57	3 17	0 52	1 27	14 54	1 23	17 1	0 52	4 41	2 10	23 32	0 11	17 27	0 13	17 18	5 30	5 58	6 34	26 49	8 5	1 37	
S 23	11 16	28 20	5 2	19 45	3 11	0 24	1 28	14 43	1 23	17 5	0 52	4 44	2 10	23 32	0 11	17 27	0 13	17 18	5 30	6 0	6 36	26 51	8 3	1 37	
S 24	11 37	27 33	4 38	19 28	3 3	0s 4	1 29	14 33	1 24	17 8	0 52	4 46	2 10	23 32	0 11	17 27	0 13	17 18	5 30	6 1	6 37	26 52	8 2	1 37	
M25	11 57	25 1	3 57	19 8	2 53	0 32	1 30	14 22	1 25	17 12	0 51	4 49	2 10	23 32	0 11	17 27	0 13	17 18	5 30	6 2	6 38	26 53	8 1	1 37	
T 26	12 18	21 4	3 3	18 44	2 41	1 1	1 31	14 11	1 26	17 15	0 51	4 52	2 11	23 32	0 11	17 27	0 13	17 18	5 30	6 2	6 39	26 54	8 0	1 37	
W27	12 38	16 7	2 0	18 15	2 28	1 29	1 32	14 1	1 27	17 18	0 51	4 54	2 11	23 32	0 11	17 27	0 13	17 18	5 30	6 2	6 41	26 55	7 59	1 37	
T 28	12 58	10 33	0 53	17 42	2 13	1 57	1 33	13 50	1 28	17 22	0 51	4 57	2 11	23 32	0 11	17 27	0 13	17 18	5 31	6 1	6 42	26 56	7 58	1 37	
F 29	13 18	4 38	0n16	17 6	1 56	2 26	1 34	13 39	1 29	17 25	0 51	5 0	2 11	23 32	0 11	17 27	0 13	17 18	5 31	6 1	6 43	26 57	7 57	1 36	
S 30	13 38	1n20	1 22	16 26	1 38	2 54	1 34	13 29	1 30	17 28	0 51	5 2	2 11	23 32	0 11	17 27	0 13	17 18	5 31	6 2	6 44	26 58	7 56	1 36	
S 31	13s57	7n11	2n24	15s44	1s19	3s22	1n35	13n18	1n31	17s32	0n51	5s 5	2n11	23s32	0s11	17s27	0n13	17n18	5s31	6s 3	6s45	26n59	7n55	1n36	

## ASTRODIENST EPHEMERIS for the year 2658

NOVEMBER 2658

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	2 41 3	8♂26°57	24♀53	7°R54	13♂30	29♂17	22♂47	18♂18	29♂8	10♂7	12°R17	14°R29	12♂41	10♂19	16°R23	M 1
T 2	2 45 0	9°26'35	7♂1	6♂41	14°44	29°50	23°0	18°25	29°11	10°7	12♂17	14♂20	12°38	10°26	16♀20	T 2
W 3	2 48 56	10°26'15	19°4	5°31	15°58	0♂24	23°13	18°32	29°14	10°7	12°16	14°10	12°35	10°32	16°18	W 3
T 4	2 52 53	11°25'58	1♂0	4°27	17°12	0°57	23°26	18°39	29°16	10°8	12°16	13°59	12°32	10°39	16°15	T 4
F 5	2 56 49	12°25'42	12°54	3°31	18°27	1°29	23°39	18°46	29°19	10°8	12°15	13°48	12°28	10°46	16°13	F 5
S 6	3 0 46	13°25'28	24°45	2°44	19°41	2°2	23°52	18°53	29°22	10°9	12°15	13°37	12°25	10°53	16°11	S 6
S 7	3 4 43	14°25'17	6♂37	2°8	20°55	2°35	24°5	19°0	29°25	10°9	12°14	13°29	12°22	10°59	16°8	S 7
M 8	3 8 39	15°25'07	18°33	1°43	22°10	3°7	24°18	19°7	29°28	10°10	12°14	13°23	12°19	11°6	16°6	M 8
T 9	3 12 36	16°25'00	0♂36	1°29	23°24	3°40	24°31	19°14	29°31	10°10	12°13	13°19	12°16	11°13	16°4	T 9
W10	3 16 32	17°24'55	12°52	1°D27	24°39	4°12	24°44	19°21	29°33	10°11	12°12	13°D18	12°13	11°19	16°2	W10
T 11	3 20 29	18°24'52	25°25	1°35	25°53	4°44	24°57	19°28	29°36	10°12	12°12	13°18	12°9	11°26	15°59	T 11
F 12	3 24 25	19°24'51	8♂20	1°55	27°8	5°16	25°11	19°35	29°39	10°12	12°11	13°R18	12°6	11°33	15°57	F 12
S 13	3 28 22	20°24'52	21°41	2°24	28°23	5°47	25°24	19°41	29°42	10°13	12°10	13°18	12°3	11°40	15°55	S 13
S 14	3 32 18	21°24'56	5♂31	3°2	29°37	6°19	25°37	19°48	29°45	10°14	12°10	13°16	12°0	11°46	15°53	S 14
M15	3 36 15	22°25'01	19°51	3°48	0♂52	6°50	25°50	19°55	29°48	10°15	12°9	13°12	11°57	11°53	15°51	M15
T 16	3 40 12	23°25'09	4♂37	4°42	2°7	7°22	26°3	20°1	29°52	10°15	12°8	13°4	11°53	12°0	15°49	T 16
W17	3 44 8	24°25'18	19°44	5°42	3°21	7°53	26°16	20°8	29°55	10°16	12°8	12°55	11°50	12°6	15°47	W17
T 18	3 48 5	25°25'29	5♂1	6°48	4°36	8°24	26°30	20°15	29°58	10°17	12°7	12°44	11°47	12°13	15°45	T 18
F 19	3 52 1	26°25'42	20°18	7°58	5°51	8°54	26°43	20°21	0♂1	10°18	12°6	12°33	11°44	12°20	15°43	F 19
S 20	3 55 58	27°25'57	5♂22	9°13	7°6	9°25	26°56	20°28	0°4	10°19	12°5	12°24	11°41	12°27	15°41	S 20
S 21	3 59 54	28°26'13	20°6	10°31	8°21	9°55	27°9	20°34	0°8	10°20	12°5	12°17	11°38	12°33	15°39	S 21
M22	4 3 51	29°26'31	4♂24	11°52	9°36	10°25	27°22	20°40	0°11	10°21	12°4	12°12	11°34	12°40	15°38	M22
T 23	4 7 47	0♂26'49	18°14	13°16	10°51	10°55	27°36	20°47	0°14	10°22	12°3	12°10	11°31	12°47	15°36	T 23
W24	4 11 44	1°27'10	1♂37	14°42	12°6	11°25	27°49	20°53	0°17	10°23	12°2	12°D10	11°28	12°54	15°34	W24
T 25	4 15 41	2°27'31	14°37	16°10	13°21	11°55	28°2	20°59	0°21	10°24	12°1	12°R10	11°25	13°0	15°32	T 25
F 26	4 19 37	3°27'54	27°17	17°39	14°36	12°24	28°15	21°6	0°24	10°25	12°0	12°9	11°22	13°7	15°31	F 26
S 27	4 23 34	4°28'18	9♀42	19°9	15°51	12°53	28°28	21°12	0°27	10°26	11°59	12°6	11°19	13°14	15°29	S 27
S 28	4 27 30	5°28'43	21°55	20°40	17°6	13°22	28°41	21°18	0°31	10°28	11°58	12°1	11°15	13°20	15°28	S 28
M29	4 31 27	6°29'10	4♂0	22°12	18°21	13°51	28°55	21°24	0°34	10°29	11°57	11°53	11°12	13°27	15°26	M29
T 30	4 35 23	7♂29'39	15♂59	23♂45	19♂36	14♂20	29♂8	21♂30	0♂38	10♂30	11♂57	11♂41	11♂9	13♂34	15♀25	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	14s16	12n40	3n18	15s 1	0s59	3s50	1n35	13n 7	1n32	17s35	0n51	5s 8	2n11	23s32	0s11	17s27
T 2	14 35	17 38	4 2	14 18	0 38	4 19	1 36	12 56	1 33	17 38	0 51	5 10	2 11	23 32	0 11	17 27
W 3	14 54	21 50	4 35	13 35	0 17	4 47	1 36	12 45	1 34	17 42	0 51	5 13	2 11	23 32	0 11	17 27
T 4	15 13	25 7	4 56	12 55	0n 3	5 15	1 36	12 35	1 35	17 45	0 51	5 15	2 11	23 32	0 11	17 27
F 5	15 31	27 17	5 3	12 18	0 22	5 43	1 37	12 24	1 36	17 48	0 50	5 18	2 11	23 32	0 11	17 26
S 6	15 49	28 13	4 58	11 45	0 41	6 11	1 37	12 13	1 37	17 52	0 50	5 21	2 12	23 32	0 11	17 26
S 7	16 7	27 51	4 39	11 16	0 58	6 39	1 37	12 2	1 38	17 55	0 50	5 23	2 12	23 32	0 11	17 26
M 8	16 24	26 11	4 9	10 53	1 13	7 6	1 37	11 51	1 39	17 58	0 50	5 26	2 12	23 32	0 11	17 26
T 9	16 41	23 19	3 27	10 35	1 27	7 34	1 37	11 41	1 40	18 1	0 50	5 28	2 12	23 32	0 11	17 26
W10	16 58	19 22	2 35	10 24	1 39	8 1	1 36	11 30	1 40	18 5	0 50	5 31	2 12	23 32	0 11	17 26
T 11	17 15	14 29	1 34	10 17	1 49	8 29	1 36	11 19	1 41	18 8	0 50	5 33	2 12	23 32	0 11	17 26
F 12	17 31	8 50	0 26	10 16	1 57	8 56	1 36	11 8	1 42	18 11	0 50	5 35	2 12	23 32	0 11	17 25
S 13	17 47	2 36	0s44	10 20	2 3	9 22	1 35	10 58	1 43	18 14	0 50	5 38	2 12	23 32	0 11	17 25
S 14	18 3	3s57	1 55	10 28	2 8	9 49	1 35	10 47	1 44	18 17	0 50	5 40	2 12	23 32	0 11	17 25
M15	18 19	10 32	3 1	10 40	2 12	10 16	1 34	10 36	1 46	18 21	0 50	5 43	2 13	23 32	0 11	17 25
T 16	18 34	16 44	3 57	10 56	2 14	10 42	1 34	10 26	1 47	18 24	0 50	5 45	2 13	23 32	0 11	17 25
W17	18 49	22 3	4 37	11 15	2 15	11 8	1 33	10 15	1 48	18 27	0 50	5 47	2 13	23 32	0 11	17 25
T 18	19 3	25 57	4 58	11 37	2 15	11 34	1 32	10 4	1 49	18 30	0 50	5 50	2 13	23 32	0 11	17 24
F 19	19 17	27 58	4 58	12 0	2 14	11 59	1 31	9 54	1 50	18 33	0 50	5 52	2 13	23 32	0 11	17 24
S 20	19 31	27 52	4 38	12 26	2 12	12 24	1 31	9 43	1 51	18 36	0 50	5 54	2 13	23 32	0 11	17 24
S 21	19 45	25 47	3 59	12 53	2 9	12 49	1 30	9 33	1 52	18 39	0 49	5 57	2 13	23 32	0 11	17 24
M22	19 58	22 6	3 6	13 21	2 6	13 14	1 29	9 22	1 53	18 42	0 49	5 59	2 14	23 32	0 11	17 23
T 23	20 10	17 16	2 3	13 50	2 2	13 38	1 27	9 12	1 54	18 45	0 49	6 1	2 14	23 32	0 11	17 23
W24	20 23	11 44	0 56	14 20	1 57	14 2	1 26	9 2	1 55	18 48	0 49	6 3	2 14	23 32	0 11	17 23
T 25	20 35	5 50	0n13	14 50	1 52	14 26	1 25	8 51	1 56	18 51	0 49	6 5	2 14	23 32	0 11	17 23
F 26	20 46	0n 8	1 19	15 20	1 47	14 49	1 24	8 41	1 57	18 54	0 49	6 8	2 14	23 32	0 11	17 22
S 27	20 58	5 58	2 20	15 50	1 41	15 12	1 23	8 31	1 58	18 57	0 49	6 10	2 14	23 32	0 11	17 22
S 28	21 9	11 30	3 13	16 20	1 35	15 35	1 21	8 21	1 59	19 0	0 49	6 12	2 15	23 32	0 11	17 22
M29	21 19	16 31	3 57	16 50	1 28	15 57	1 20	8 11	2 0	19 3	0 49	6 14	2 15	23 32	0 11	17 21
T 30	21s29	20n52	4n30	17s19	1n22	16s19	1n18	8n 1	2n 2	19s 6	0n49	6s16	2n15	23s32	0s11	17s21

Julian Day Number = 2692178.5, Delta T = 24m13s

Ecliptic obliquity = 23°21'22", Nutation = 0°00'03"

Ayanamsha: Fagan/Bradley = 33°57'23", Lahiri = 33°04'23"







## ASTRODIENST EPHEMERIS for the year 2659

MARCH 2659

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 34 10	9°52'46	7°33' 3	16°26' 6	13°54' 54	28°R26	15°27' 6	24°R27	5°32' 32	13°33' 33	10°R23	6°R22	6°H20	23°II46	16°V50	T 1
W 2	10 38 7	10°53'15	20° 8	16°44	15° 9	28°R6	15°12	24°R24	5°34	13°35	10°R23	6°H22	6°17	23°52	16°53	W 2
T 3	10 42 3	11°53'43	3°27' 8	17° 8	16°24	27°45	15°17	24°21	5°36	13°37	10°22	6°22	6°14	23°59	16°56	T 3
F 4	10 46 0	12°54'09	17° 1	17°36	17°39	27°25	15°23	24°18	5°38	13°39	10°22	6°21	6°10	24° 6	16°59	F 4
S 5	10 49 56	13°54'34	0°M46	18°10	18°54	27° 3	15°28	24°16	5°40	13°41	10°21	6°20	6° 7	24°12	17° 2	S 5
S 6	10 53 53	14°54'58	14°42	18°48	20° 9	26°41	15°33	24°13	5°42	13°43	10°21	6°19	6° 4	24°19	17° 6	S 6
M 7	10 57 49	15°55'21	28°45	19°31	21°24	26°19	15°38	24° 9	5°44	13°45	10°20	6°18	6° 1	24°26	17° 9	M 7
T 8	11 1 146	16°55'42	12°53' 53	20°17	22°39	25°57	15°42	24° 6	5°45	13°47	10°20	6°D18	5°58	24°33	17°12	T 8
W 9	11 5 43	17°56'02	27° 5	21° 7	23°54	25°34	15°47	24° 3	5°47	13°49	10°20	6°18	5°54	24°39	17°15	W 9
T 10	11 9 39	18°56'20	11°31' 18	22° 0	25° 9	25°11	15°51	24° 0	5°49	13°51	10°19	6°19	5°51	24°46	17°18	T 10
F 11	11 13 36	19°56'38	25°30	22°56	26°24	24°48	15°55	23°56	5°50	13°53	10°19	6°20	5°48	24°53	17°21	F 11
S 12	11 17 32	20°56'53	9°38	23°55	27°39	24°24	15°59	23°53	5°52	13°55	10°19	6°21	5°45	24°59	17°25	S 12
S 13	11 21 29	21°57'07	23°39	24°57	28°54	24° 0	16° 3	23°49	5°54	13°57	10°18	6°22	5°42	25° 6	17°28	S 13
M14	11 25 25	22°57'20	7°H30	26° 1	0°V9	23°37	16° 7	23°46	5°55	13°59	10°18	6°R22	5°39	25°13	17°31	M14
T 15	11 29 22	23°57'31	21° 8	27° 8	1°24	23°13	16°10	23°42	5°56	14° 1	10°18	6°21	5°35	25°20	17°34	T 15
W16	11 33 18	24°57'40	4°V32	28°16	2°39	22°49	16°14	23°38	5°58	14° 3	10°18	6°20	5°32	25°26	17°38	W16
T 17	11 37 15	25°57'47	17°38	29°27	3°54	22°25	16°17	23°34	5°59	14° 5	10°18	6°17	5°29	25°33	17°41	T 17
F 18	11 41 12	26°57'52	0°H27	0°H40	5° 9	22° 2	16°20	23°30	6° 0	14° 6	10°17	6°14	5°26	25°40	17°44	F 18
S 19	11 45 8	27°57'55	12°59	1°54	6°24	21°38	16°22	23°27	6° 2	14° 8	10°17	6°11	5°23	25°46	17°48	S 19
S 20	11 49 5	28°57'57	25°16	3°10	7°39	21°15	16°25	23°23	6° 3	14°10	10°17	6° 7	5°20	25°53	17°51	S 20
M21	11 53 1	29°57'56	7°II21	4°28	8°53	20°52	16°27	23°18	6° 4	14°12	10°17	6° 5	5°16	26° 0	17°54	M21
T 22	11 56 58	0°V57'53	19°17	5°48	10° 8	20°29	16°30	23°14	6° 5	14°13	10°17	6° 3	5°13	26° 7	17°58	T 22
W23	12 0 54	1°57'48	1°59	7° 9	11°23	20° 6	16°32	23°10	6° 6	14°15	10°17	6°D 2	5°10	26°13	18° 1	W23
T 24	12 4 51	2°57'41	13° 2	8°32	12°38	19°44	16°33	23° 6	6° 7	14°17	10°17	6° 3	5° 7	26°20	18° 5	T 24
F 25	12 8 47	3°57'32	25° 1	9°56	13°52	19°22	16°35	23° 2	6° 8	14°18	10°D17	6° 4	5° 4	26°27	18° 8	F 25
S 26	12 12 44	4°57'20	7°Q 9	11°21	15° 7	19° 1	16°37	22°57	6° 9	14°20	10°17	6° 6	5° 0	26°33	18°12	S 26
S 27	12 16 41	5°57'07	19°33	12°48	16°22	18°40	16°38	22°53	6° 9	14°22	10°17	6° 7	4°57	26°40	18°15	S 27
M28	12 20 37	6°56'51	2°M14	14°17	17°36	18°20	16°39	22°49	6°10	14°23	10°17	6°R 8	4°54	26°47	18°19	M28
T 29	12 24 34	7°56'33	15°16	15°46	18°51	18° 0	16°40	22°44	6°11	14°25	10°17	6° 8	4°51	26°54	18°22	T 29
W30	12 28 30	8°56'13	28°40	17°17	20° 6	17°40	16°41	22°40	6°11	14°26	10°17	6° 6	4°48	27° 0	18°25	W30
T 31	12 32 27	9°V55'51	12°H24	18°H50	21°V20	17°M22	16°H41	22°H35	6°H21	14°H28	10°H17	6°H 3	4°H45	27°II 7	18°V29	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	7s50	8n50	0s 4	14s12	1n44	7s39	1s27	4n20	4n 3	21s40	0n51	7s 0	2n38	23s27	0s12	16s31
W 2	7 28	2 44	1 16	14 19	1 31	7 10	1 27	4 29	4 3	21 41	0 52	6 58	2 38	23 27	0 12	16 31
T 3	7 5	3s35	2 25	14 24	1 19	6 41	1 27	4 37	4 3	21 42	0 52	6 57	2 38	23 27	0 12	16 30
F 4	6 42	9 51	3 27	14 27	1 6	6 12	1 27	4 45	4 4	21 42	0 52	6 56	2 39	23 26	0 12	16 30
S 5	6 18	15 44	4 18	14 29	0 54	5 42	1 27	4 54	4 4	21 43	0 52	6 55	2 39	23 26	0 12	16 29
S 6	5 55	20 52	4 54	14 28	0 42	5 13	1 27	5 2	4 4	21 43	0 52	6 53	2 39	23 26	0 12	16 28
M 7	5 32	24 54	5 14	14 26	0 30	4 43	1 26	5 11	4 4	21 43	0 52	6 52	2 39	23 26	0 12	16 28
T 8	5 9	27 28	5 14	14 23	0 19	4 14	1 26	5 20	4 3	21 44	0 52	6 51	2 39	23 26	0 12	16 27
W 9	4 45	28 15	4 56	14 18	0 7	3 44	1 26	5 28	4 3	21 44	0 52	6 49	2 40	23 26	0 12	16 27
T 10	4 22	27 11	4 19	14 11	0s 3	3 14	1 25	5 37	4 3	21 45	0 52	6 48	2 40	23 26	0 12	16 26
F 11	3 58	24 22	3 27	14 2	0 14	2 43	1 25	5 46	4 2	21 45	0 52	6 46	2 40	23 26	0 12	16 26
S 12	3 35	20 4	2 22	13 52	0 24	2 13	1 24	5 55	4 2	21 45	0 52	6 45	2 40	23 26	0 12	16 25
S 13	3 11	14 41	1 10	13 41	0 33	1 43	1 24	6 4	4 1	21 46	0 52	6 44	2 40	23 26	0 12	16 25
M14	2 47	8 38	0n 6	13 28	0 42	1 13	1 23	6 12	4 0	21 46	0 53	6 42	2 41	23 26	0 12	16 24
T 15	2 23	2 16	1 21	13 14	0 51	0 42	1 23	6 21	3 59	21 46	0 53	6 41	2 41	23 26	0 12	16 23
W16	2 0	4n 5	2 29	12 58	1 0	0 12	1 22	6 29	3 58	21 46	0 53	6 39	2 41	23 26	0 12	16 23
T 17	1 36	10 6	3 28	12 41	1 8	0n18	1 21	6 38	3 57	21 47	0 53	6 38	2 41	23 26	0 13	16 22
F 18	1 12	15 34	4 15	12 23	1 15	0 49	1 20	6 46	3 56	21 47	0 53	6 36	2 41	23 26	0 13	16 22
S 19	0 48	20 16	4 49	12 3	1 23	1 19	1 19	6 54	3 55	21 47	0 53	6 34	2 41	23 26	0 13	16 21
S 20	0 25	24 0	5 9	11 42	1 29	1 50	1 18	7 2	3 53	21 47	0 53	6 33	2 42	23 26	0 13	16 21
M21	0 1	26 37	5 14	11 19	1 36	2 20	1 17	7 10	3 52	21 47	0 53	6 31	2 42	23 26	0 13	16 20
T 22	0n23	28 0	5 6	10 56	1 42	2 50	1 16	7 17	3 50	21 48	0 53	6 29	2 42	23 26	0 13	16 20
W23	0 47	28 6	4 45	10 31	1 47	3 21	1 15	7 25	3 49	21 48	0 53	6 28	2 42	23 26	0 13	16 19
T 24	1 10	26 53	4 11	10 5	1 53	3 51	1 13	7 32	3 47	21 48	0 53	6 26	2 42	23 26	0 13	16 19
F 25	1 34	24 26	3 27	9 38	1 57	4 21	1 12	7 39	3 45	21 48	0 53	6 25	2 42	23 26	0 13	16 18
S 26	1 58	20 52	2 32	9 9	2 2	4 51	1 11	7 45	3 43	21 48	0 53	6 23	2 42	23 26	0 13	16 18
S 27	2 21	16 19	1 30	8 40	2 6	5 21	1 9	7 52	3 41	21 48	0 54	6 21	2 42	23 26	0 13	16 18
M28	2 45	10 58	0 21	8 9	2 9	5 51	1 8	7 58	3 39	21 48	0 54	6 19	2 43	23 25	0 13	16 17
T 29	3 8	5 1	0s50	7 37	2 12	6 20	1 6	8 4	3 37	21 48	0 54	6 18	2 43	23 25	0 13	16 17
W30	3 32	1s18	2 0	7 4	2 15	6 50	1 5	8 10	3 35	21 48	0 54	6 16	2 43	23 25	0 13	16 16
T 31	3n55	7s43	3s 5	6s30	2s17	7n19	1s 3	8n15	3n33	21s48	0n54	6s14	2n43	23s25	0s13	16s16

Julian Day Number = 2692298.5, Delta T = 24m14s

Ecliptic obliquity = 23°21'22", Nutation = 0°00'08"

Ayanamsha: Fagan/Bradley = 33°57'40", Lahiri = 33°04'40"

# ASTRODIENST EPHEMERIS for the year 2659

APRIL 2659

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 36 23	10°Y55'27	26°A25	20°K23	22°Y35	17°R 4	16°A42	22°R31	6°B13	14°A29	10°B17	5°R58	4°K41	27°H14	18°Y32	F 1
S 2	12 40 20	11°55'01	10°M40	21°58	23°49	16°M46	16°R42	22°A26	6°13	14°31	10°18	5°K52	4°38	27°20	18°36	S 2
S 3	12 44 16	12°54'33	25° 3	23°35	25° 4	16°29	16°42	22°22	6°13	14°32	10°18	5°47	4°35	27°27	18°39	S 3
M 4	12 48 13	13°54'04	9°A29	25°12	26°18	16°13	16°42	22°17	6°14	14°33	10°18	5°42	4°32	27°34	18°43	M 4
T 5	12 52 10	14°53'33	23°51	26°51	27°33	15°58	16°41	22°13	6°14	14°35	10°18	5°38	4°29	27°41	18°47	T 5
W 6	12 56 6	15°53'00	8°B 8	28°31	28°47	15°43	16°41	22° 8	6°14	14°36	10°18	5°37	4°26	27°47	18°50	W 6
T 7	13 0 3	16°52'26	22°15	0°Y13	0°B 1	15°29	16°40	22° 3	6°15	14°37	10°19	5°D36	4°22	27°54	18°54	T 7
F 8	13 3 59	17°51'50	6°A12	1°56	1°16	15°15	16°39	21°59	6°15	14°39	10°19	5°37	4°19	28° 1	18°57	F 8
S 9	13 7 56	18°51'12	19°59	3°40	2°30	15° 3	16°38	21°54	6°15	14°40	10°19	5°39	4°16	28° 7	19° 1	S 9
S 10	13 11 52	19°50'32	3°K34	5°26	3°44	14°51	16°36	21°49	6°15	14°41	10°20	5°R40	4°13	28°14	19° 4	S 10
M11	13 15 49	20°49'51	16°59	7°12	4°59	14°40	16°35	21°45	6°R15	14°42	10°20	5°39	4°10	28°21	19° 8	M11
T 12	13 19 45	21°49'08	0°Y12	9° 1	6°13	14°30	16°33	21°40	6°15	14°44	10°21	5°36	4° 6	28°28	19°11	T 12
W13	13 23 42	22°48'22	13°13	10°51	7°27	14°20	16°31	21°35	6°15	14°45	10°21	5°31	4° 3	28°34	19°15	W13
T 14	13 27 38	23°47'35	26° 3	12°42	8°41	14°12	16°29	21°30	6°15	14°46	10°21	5°24	4° 0	28°41	19°18	T 14
F 15	13 31 35	24°46'46	8°B40	14°34	9°56	14° 4	16°27	21°26	6°15	14°47	10°22	5°16	3°57	28°48	19°22	F 15
S 16	13 35 32	25°45'55	21° 4	16°28	11°10	13°57	16°25	21°21	6°14	14°48	10°22	5° 6	3°54	28°54	19°25	S 16
S 17	13 39 28	26°45'02	3°H16	18°23	12°24	13°50	16°22	21°16	6°14	14°49	10°23	4°57	3°51	29° 1	19°29	S 17
M18	13 43 25	27°44'06	15°19	20°20	13°38	13°45	16°19	21°12	6°14	14°50	10°23	4°48	3°47	29° 8	19°32	M18
T 19	13 47 21	28°43'09	27°14	22°18	14°52	13°40	16°16	21° 7	6°13	14°51	10°24	4°41	3°44	29°14	19°36	T 19
W20	13 51 18	29°42'09	9°B 5	24°18	16° 6	13°36	16°13	21° 3	6°13	14°52	10°25	4°37	3°41	29°21	19°39	W20
T 21	13 55 14	0°B41'07	20°56	26°18	17°20	13°33	16°10	20°58	6°12	14°53	10°25	4°34	3°38	29°28	19°43	T 21
F 22	13 59 11	1°40'03	2°B53	28°20	18°34	13°31	16° 6	20°53	6°12	14°53	10°26	4°D34	3°35	29°35	19°46	F 22
S 23	14 3 7	2°38'56	14°59	0°B24	19°48	13°29	16° 3	20°49	6°11	14°54	10°26	4°34	3°31	29°41	19°50	S 23
S 24	14 7 4	3°37'47	27°21	2°28	21° 2	13°28	15°59	20°44	6°10	14°55	10°27	4°35	3°28	29°48	19°53	S 24
M25	14 11 1	4°36'36	10°M4	4°33	22°16	13°D28	15°55	20°40	6°10	14°56	10°28	4°R35	3°25	29°55	19°57	M25
T 26	14 14 57	5°35'23	23°11	6°39	23°30	13°28	15°51	20°35	6° 9	14°57	10°28	4°34	3°22	0°B 1	20° 0	T 26
W27	14 18 54	6°34'07	6°A43	8°45	24°43	13°30	15°46	20°31	6° 8	14°57	10°29	4°30	3°19	0° 8	20° 4	W27
T 28	14 22 50	7°32'50	20°43	10°52	25°57	13°32	15°42	20°27	6° 7	14°58	10°30	4°23	3°16	0°15	20° 7	T 28
F 29	14 26 47	8°31'30	5°M 5	12°59	27°11	13°35	15°37	20°22	6° 6	14°59	10°31	4°15	3°12	0°22	20°10	F 29
S 30	14 30 43	9°B30'09	19°M46	15°B 7	28°B25	13°M38	15°A32	20°A18	6°B 5	14°A59	10°B31	4°K 5	3°K 9	0°B28	20°Y14	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	4n19	13s53	4s 0	5s55	2s19	7n48	1s 1	8n20	3n31	21s48	0n54	6s12	2n43	23s25	0s13	16s15
S 2	4 42	19 25	4 41	5 19	2 20	8 17	1 0	8 25	3 29	21 48	0 54	6 11	2 43	23 25	0 13	16 15
S 3	5 5	23 53	5 5	4 42	2 21	8 46	0 58	8 29	3 26	21 48	0 54	6 9	2 43	23 25	0 13	16 15
M 4	5 28	26 54	5 10	4 4	2 21	9 15	0 56	8 33	3 24	21 48	0 54	6 7	2 43	23 25	0 13	16 14
T 5	5 51	28 7	4 55	3 25	2 21	9 43	0 54	8 37	3 22	21 48	0 54	6 5	2 43	23 25	0 13	16 14
W 6	6 14	27 28	4 22	2 44	2 21	10 11	0 52	8 41	3 19	21 47	0 54	6 4	2 43	23 25	0 13	16 13
T 7	6 36	25 2	3 33	2 3	2 20	10 39	0 50	8 44	3 17	21 47	0 54	6 2	2 43	23 25	0 13	16 13
F 8	6 59	21 7	2 33	1 21	2 18	11 7	0 48	8 47	3 14	21 47	0 54	6 0	2 43	23 26	0 13	16 13
S 9	7 22	16 6	1 24	0 38	2 16	11 35	0 46	8 49	3 12	21 47	0 55	5 58	2 43	23 26	0 13	16 12
S 10	7 44	10 20	0 11	0n 6	2 14	12 2	0 44	8 51	3 9	21 47	0 55	5 57	2 43	23 26	0 13	16 12
M11	8 6	4 11	1n 1	0 51	2 11	12 29	0 42	8 53	3 7	21 47	0 55	5 55	2 43	23 26	0 13	16 12
T 12	8 28	2n 3	2 9	1 36	2 8	12 55	0 40	8 55	3 4	21 46	0 55	5 53	2 43	23 26	0 13	16 11
W13	8 50	8 6	3 8	2 23	2 4	13 21	0 38	8 56	3 2	21 46	0 55	5 51	2 43	23 26	0 13	16 11
T 14	9 12	13 43	3 57	3 10	1 59	13 47	0 35	8 57	2 59	21 46	0 55	5 50	2 43	23 26	0 13	16 11
F 15	9 34	18 40	4 34	3 58	1 54	14 13	0 33	8 58	2 56	21 46	0 55	5 48	2 43	23 26	0 13	16 10
S 16	9 55	22 44	4 57	4 46	1 49	14 38	0 31	8 58	2 54	21 45	0 55	5 46	2 43	23 26	0 13	16 10
S 17	10 17	25 44	5 6	5 36	1 43	15 3	0 28	8 58	2 51	21 45	0 55	5 44	2 43	23 26	0 13	16 10
M18	10 38	27 32	5 1	6 26	1 37	15 28	0 26	8 58	2 49	21 45	0 55	5 43	2 43	23 26	0 13	16 9
T 19	10 59	28 2	4 43	7 16	1 30	15 52	0 24	8 57	2 46	21 44	0 55	5 41	2 43	23 26	0 13	16 9
W20	11 20	27 15	4 13	8 7	1 22	16 16	0 21	8 57	2 44	21 44	0 55	5 39	2 43	23 26	0 13	16 9
T 21	11 40	25 13	3 32	8 58	1 15	16 39	0 19	8 55	2 41	21 43	0 55	5 38	2 43	23 26	0 13	16 9
F 22	12 1	22 4	2 41	9 49	1 6	17 2	0 16	8 54	2 38	21 43	0 55	5 36	2 43	23 26	0 13	16 8
S 23	12 21	17 55	1 43	10 40	0 58	17 24	0 14	8 52	2 36	21 43	0 55	5 34	2 43	23 26	0 13	16 8
S 24	12 41	12 57	0 39	11 32	0 48	17 46	0 11	8 50	2 33	21 42	0 55	5 33	2 43	23 26	0 13	16 8
M25	13 1	7 19	0s29	12 23	0 39	18 8	0 9	8 48	2 31	21 42	0 55	5 31	2 43	23 26	0 13	16 8
T 26	13 20	1 12	1 38	13 14	0 29	18 29	0 6	8 45	2 28	21 41	0 55	5 30	2 43	23 26	0 13	16 8
W27	13 40	5s 9	2 43	14 4	0 19	18 50	0 4	8 43	2 26	21 41	0 55	5 28	2 43	23 26	0 13	16 7
T 28	13 59	11 27	3 40	14 54	0 8	19 10	0 1	8 40	2 23	21 40	0 55	5 26	2 43	23 26	0 13	16 7
F 29	14 18	17 20	4 25	15 43	0n 2	19 29	0n 2	8 36	2 21	21 40	0 55	5 25	2 43	23 26	0 13	16 7
S 30	14n36	22s19	4s53	16n31	0n13	19n48	0n 4	8n33	2n18	21s39	0n55	5s23	2n43	23s26	0s13	16s 7

Julian Day Number = 2692329.5, Delta T = 24m14s  
 Ecliptic obliquity = 23°21'22", Nutation = 0°00'07"  
 Ayanamsha: Fagan/Bradley = 33°57'44", Lahiri = 33°04'44"

## ASTRODIENST EPHEMERIS for the year 2659

MAY 2659

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 34 40	10♈28'46"	4♌36	17♋13	29♋38	13♎42	15°R27	20°R14	6°R 4	15° 0	10♉32	3°R55	3♊ 6	0♉35	20♊17	S 1
M 2	14 38 36	11°27'21"	19°28	19°20	0♈52	13°47	15°♌22	20♈10	6♉ 3	15° 0	10°33	3♊46	3° 3	0°42	20°20	M 2
T 3	14 42 33	12°25'54"	4♌13	21°25	2° 5	13°52	15°17	20° 5	6° 2	15° 1	10°34	3°39	3° 0	0°48	20°24	T 3
W 4	14 46 30	13°24'26"	18°44	23°29	3°19	13°58	15°12	20° 1	6° 1	15° 1	10°35	3°35	2°57	0°55	20°27	W 4
T 5	14 50 26	14°22'57"	2♌59	25°31	4°33	14° 5	15° 6	19°57	6° 0	15° 2	10°36	3°32	2°53	1° 2	20°30	T 5
F 6	14 54 23	15°21'25"	16°55	27°32	5°46	14°13	15° 1	19°53	5°59	15° 2	10°36	3°D32	2°50	1° 9	20°34	F 6
S 7	14 58 19	16°19'52"	0♈32	29°30	7° 0	14°21	14°55	19°49	5°58	15° 2	10°37	3°R32	2°47	1°15	20°37	S 7
S 8	15 2 16	17°18'18"	13°53	1♈26	8°13	14°29	14°49	19°45	5°56	15° 3	10°38	3°32	2°44	1°22	20°40	S 8
M 9	15 6 12	18°16'42"	26°59	3°19	9°26	14°38	14°43	19°42	5°55	15° 3	10°39	3°30	2°41	1°29	20°43	M 9
T 10	15 10 9	19°15'04"	9♊52	5° 9	10°40	14°48	14°37	19°38	5°54	15° 3	10°40	3°25	2°37	1°35	20°47	T 10
W 11	15 14 5	20°13'25"	22°33	6°56	11°53	14°59	14°30	19°34	5°52	15° 4	10°41	3°18	2°34	1°42	20°50	W 11
T 12	15 18 2	21°11'44"	5♋ 5	8°39	13° 7	15° 9	14°24	19°30	5°51	15° 4	10°42	3° 8	2°31	1°49	20°53	T 12
F 13	15 21 59	22°10'01"	17°26	10°19	14°20	15°21	14°18	19°27	5°49	15° 4	10°43	2°55	2°28	1°55	20°56	F 13
S 14	15 25 55	23° 8'17"	29°39	11°55	15°33	15°33	14°11	19°23	5°48	15° 4	10°44	2°42	2°25	2° 2	20°59	S 14
S 15	15 29 52	24° 6'32"	11♈44	13°28	16°46	15°46	14° 4	19°20	5°46	15° 4	10°45	2°28	2°22	2° 9	21° 2	S 15
M 16	15 33 48	25° 4'44"	23°41	14°56	18° 0	15°59	13°58	19°17	5°44	15° 4	10°46	2°15	2°18	2°16	21° 5	M 16
T 17	15 37 45	26° 2'55"	5♋33	16°21	19°13	16°13	13°51	19°13	5°43	15° 4	10°47	2° 5	2°15	2°22	21° 8	T 17
W 18	15 41 41	27° 1'03"	17°22	17°41	20°26	16°27	13°44	19°10	5°41	15°R 4	10°48	1°57	2°12	2°29	21°11	W 18
T 19	15 45 38	27°59'10"	29°12	18°58	21°39	16°41	13°37	19° 7	5°39	15° 4	10°50	1°52	2° 9	2°36	21°14	T 19
F 20	15 49 35	28°57'15"	11♋ 7	20°10	22°52	16°57	13°30	19° 4	5°37	15° 4	10°51	1°49	2° 6	2°42	21°17	F 20
S 21	15 53 31	29°55'18"	23°12	21°17	24° 5	17°12	13°22	19° 1	5°36	15° 4	10°52	1°49	2° 3	2°49	21°20	S 21
S 22	15 57 28	0♈53'20"	5♎31	22°21	25°18	17°28	13°15	18°58	5°34	15° 4	10°53	1°49	1°59	2°56	21°23	S 22
M 23	16 1 24	1°51'19"	18°11	23°20	26°31	17°45	13° 8	18°55	5°32	15° 4	10°54	1°48	1°56	3° 2	21°26	M 23
T 24	16 5 21	2°49'17"	1♈15	24°14	27°44	18° 2	13° 0	18°53	5°30	15° 4	10°55	1°46	1°53	3° 9	21°29	T 24
W 25	16 9 17	3°47'12"	14°47	25° 4	28°57	18°19	12°53	18°50	5°28	15° 3	10°57	1°42	1°50	3°16	21°32	W 25
T 26	16 13 14	4°45'07"	28°50	25°49	0♉10	18°37	12°46	18°47	5°26	15° 3	10°58	1°35	1°47	3°23	21°34	T 26
F 27	16 17 10	5°42'59"	13♎20	26°30	1°22	18°55	12°38	18°45	5°24	15° 3	10°59	1°26	1°43	3°29	21°37	F 27
S 28	16 21 7	6°40'50"	28°13	27° 6	2°35	19°14	12°31	18°43	5°22	15° 3	11° 0	1°15	1°40	3°36	21°40	S 28
S 29	16 25 4	7°38'40"	13♌21	27°37	3°48	19°33	12°23	18°40	5°20	15° 2	11° 1	1° 4	1°37	3°43	21°43	S 29
M 30	16 29 0	8°36'28"	28°33	28° 3	5° 0	19°53	12°15	18°38	5°18	15° 2	11° 3	0°54	1°34	3°49	21°45	M 30
T 31	16 32 57	9♈34'15"	13♉38	28♈24	6♉13	20♎13	12°♌ 8	18♈36	5♉16	15° 1	11° 4	0°46	1°31	3°56	21°48	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	14n55	25s56	5 s 3	17n18	0n24	20n 7	0n 7	8n29	2n16	21s39	0n55	5s22	2n43	23s26	0s13	16s 7
M 2	15 13	27 47	4 51	18 3	0 35	20 25	0 9	8 25	2 14	21 38	0 56	5 20	2 43	23 27	0 13	16 7
T 3	15 31	27 38	4 21	18 47	0 45	20 42	0 12	8 21	2 11	21 38	0 56	5 19	2 43	23 27	0 13	16 6
W 4	15 49	25 35	3 34	19 29	0 56	20 59	0 15	8 16	2 9	21 37	0 56	5 17	2 42	23 27	0 13	16 6
T 5	16 6	21 56	2 35	20 9	1 6	21 15	0 17	8 11	2 7	21 36	0 56	5 16	2 42	23 27	0 14	16 6
F 6	16 23	17 6	1 27	20 47	1 16	21 31	0 20	8 6	2 4	21 36	0 56	5 15	2 42	23 27	0 14	16 6
S 7	16 40	11 30	0 16	21 22	1 26	21 46	0 23	8 1	2 2	21 35	0 56	5 13	2 42	23 27	0 14	16 6
S 8	16 56	5 29	0n55	21 56	1 35	22 1	0 25	7 56	2 0	21 35	0 56	5 12	2 42	23 27	0 14	16 6
M 9	17 13	0n39	2 1	22 26	1 44	22 15	0 28	7 50	1 57	21 34	0 56	5 11	2 42	23 27	0 14	16 6
T 10	17 29	6 39	3 0	22 55	1 52	22 28	0 30	7 44	1 55	21 33	0 56	5 9	2 42	23 27	0 14	16 6
W 11	17 44	12 17	3 48	23 21	1 59	22 41	0 33	7 38	1 53	21 32	0 56	5 8	2 42	23 27	0 14	16 6
T 12	18 0	17 20	4 25	23 44	2 6	22 53	0 36	7 32	1 51	21 32	0 55	5 7	2 41	23 27	0 14	16 6
F 13	18 15	21 36	4 49	24 5	2 12	23 4	0 38	7 26	1 49	21 31	0 55	5 6	2 41	23 27	0 14	16 5
S 14	18 30	24 53	4 59	24 24	2 17	23 15	0 41	7 19	1 47	21 30	0 55	5 4	2 41	23 27	0 14	16 5
S 15	18 44	27 0	4 56	24 40	2 21	23 25	0 43	7 12	1 44	21 30	0 55	5 3	2 41	23 28	0 14	16 5
M 16	18 58	27 52	4 40	24 54	2 24	23 34	0 46	7 5	1 42	21 29	0 55	5 2	2 41	23 28	0 14	16 5
T 17	19 12	27 25	4 11	25 6	2 27	23 43	0 48	6 58	1 40	21 28	0 55	5 1	2 41	23 28	0 14	16 5
W 18	19 25	25 44	3 32	25 15	2 28	23 51	0 51	6 50	1 38	21 27	0 55	5 0	2 40	23 28	0 14	16 5
T 19	19 39	22 54	2 43	25 22	2 29	23 59	0 53	6 43	1 36	21 26	0 55	4 59	2 40	23 28	0 14	16 5
F 20	19 51	19 6	1 47	25 28	2 29	24 5	0 56	6 35	1 34	21 26	0 55	4 58	2 40	23 28	0 14	16 5
S 21	20 4	14 27	0 45	25 31	2 27	24 11	0 58	6 27	1 32	21 25	0 55	4 57	2 40	23 28	0 14	16 5
S 22	20 16	9 9	0s20	25 33	2 25	24 17	1 0	6 19	1 30	21 24	0 55	4 56	2 40	23 28	0 14	16 6
M 23	20 28	3 21	1 25	25 33	2 22	24 21	1 3	6 11	1 28	21 23	0 55	4 55	2 40	23 28	0 14	16 6
T 24	20 39	2s46	2 29	25 31	2 18	24 25	1 5	6 3	1 26	21 22	0 55	4 55	2 39	23 28	0 14	16 6
W 25	20 50	8 59	3 26	25 28	2 12	24 28	1 7	5 54	1 25	21 21	0 55	4 54	2 39	23 28	0 14	16 6
T 26	21 1	14 58	4 13	25 24	2 6	24 31	1 9	5 45	1 23	21 21	0 55	4 53	2 39	23 29	0 14	16 6
F 27	21 11	20 19	4 46	25 17	1 59	24 33	1 12	5 37	1 21	21 20	0 55	4 52	2 39	23 29	0 14	16 6
S 28	21 21	24 34	5 0	25 10	1 51	24 34	1 14	5 28	1 19	21 19	0 55	4 52	2 39	23 29	0 14	16 6
S 29	21 31	27 11	4 54	25 1	1 41	24 34	1 16	5 18	1 17	21 18	0 55	4 51	2 38	23 29	0 14	16 6
M 30	21 40	27 47	4 27	24 52	1 31	24 34	1 18	5 9	1 16	21 17	0 55	4 50	2 38	23 29	0 14	16 6
T 31	21n48	26s20	3s41	24n41	1n20	24n32	1n20	5n 0	1n14	21s16	0n54	4s50	2n38	23s29	0s14	16s 6

Julian Day Number = 2692359.5, Delta T = 24m15s

Ecliptic obliquity = 23°21'21", Nutation = 0°00'06"

Ayanamsha: Fagan/Bradley = 33°57'48", Lahiri = 33°04'48"

# ASTRODIENST EPHEMERIS for the year 2659

JUNE 2659

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	16 36 53	10♏32'01	28♏28	28♏41	7♏26	20♏33	12°R 0	18°R34	5°R14	15°R 1	11♏ 5	0°R41	1♏28	4♏ 3	21♏50	W 1
T 2	16 40 50	11°29'45	12♏57	28°53	8°38	20°53	11♏53	18♏32	5♏12	15♏ 1	11° 6	0°R38	1°24	4°10	21°53	T 2
F 3	16 44 46	12°27'29	27° 1	29° 0	9°51	21°14	11°45	18°30	5° 9	15° 0	11° 8	0°D37	1°21	4°16	21°55	F 3
S 4	16 48 43	13°25'11	10♏42	29°R 2	11° 3	21°36	11°37	18°29	5° 7	14°59	11° 9	0°R37	1°18	4°23	21°58	S 4
S 5	16 52 39	14°22'53	23°59	28°59	12°16	21°57	11°30	18°27	5° 5	14°59	11°10	0°37	1°15	4°30	22° 0	S 5
M 6	16 56 36	15°20'33	6♏57	28°52	13°28	22°19	11°22	18°25	5° 3	14°58	11°12	0°35	1°12	4°36	22° 3	M 6
T 7	17 0 33	16°18'13	19°39	28°41	14°40	22°42	11°14	18°24	5° 0	14°58	11°13	0°31	1° 9	4°43	22° 5	T 7
W 8	17 4 29	17°15'51	2♏ 8	28°26	15°53	23° 5	11° 7	18°23	4°58	14°57	11°14	0°25	1° 5	4°50	22° 7	W 8
T 9	17 8 26	18°13'29	14°25	28° 6	17° 5	23°28	10°59	18°21	4°56	14°56	11°16	0°15	1° 2	4°56	22°10	T 9
F 10	17 12 22	19°11'06	26°34	27°44	18°17	23°51	10°52	18°20	4°53	14°56	11°17	0° 4	0°59	5° 3	22°12	F 10
S 11	17 16 19	20° 8'42	8♏37	27°18	19°29	24°15	10°44	18°19	4°51	14°55	11°18	29♏51	0°56	5°10	22°14	S 11
S 12	17 20 15	21° 6'16	20°33	26°50	20°41	24°38	10°37	18°18	4°49	14°54	11°20	29°39	0°53	5°17	22°16	S 12
M13	17 24 12	22° 3'50	2♏26	26°20	21°54	25° 3	10°29	18°17	4°46	14°53	11°21	29°27	0°49	5°23	22°18	M13
T 14	17 28 8	23° 1'23	14°16	25°48	23° 6	25°27	10°22	18°17	4°44	14°53	11°23	29°17	0°46	5°30	22°21	T 14
W15	17 32 5	23°58'54	26° 5	25°15	24°18	25°52	10°15	18°16	4°42	14°52	11°24	29°10	0°43	5°37	22°23	W15
T 16	17 36 2	24°56'25	7♏56	24°41	25°30	26°17	10° 8	18°16	4°39	14°51	11°25	29° 5	0°40	5°43	22°25	T 16
F 17	17 39 58	25°53'54	19°52	24° 8	26°41	26°43	10° 0	18°15	4°37	14°50	11°27	29° 3	0°37	5°50	22°27	F 17
S 18	17 43 55	26°51'22	1♏58	23°35	27°53	27° 8	9°53	18°15	4°34	14°49	11°28	29°D 3	0°34	5°57	22°28	S 18
S 19	17 47 51	27°48'49	14°17	23° 4	29° 5	27°34	9°46	18°15	4°32	14°48	11°30	29° 3	0°30	6° 3	22°30	S 19
M20	17 51 48	28°46'15	26°54	22°34	0♏17	28° 1	9°39	18°14	4°30	14°47	11°31	29°R 4	0°27	6°10	22°32	M20
T 21	17 55 44	29°43'40	9♏55	22° 6	1°29	28°27	9°33	18°D14	4°27	14°46	11°32	29° 3	0°24	6°17	22°34	T 21
W22	17 59 41	0♏41'03	23°22	21°42	2°40	28°54	9°26	18°14	4°25	14°45	11°34	29° 1	0°21	6°23	22°36	W22
T 23	18 3 37	1°38'26	7♏19	21°20	3°52	29°21	9°19	18°15	4°22	14°44	11°35	28°57	0°18	6°30	22°37	T 23
F 24	18 7 34	2°35'48	21°44	21° 2	5° 3	29°48	9°13	18°15	4°20	14°43	11°37	28°51	0°15	6°37	22°39	F 24
S 25	18 11 31	3°33'09	6♏35	20°47	6°15	0♏15	9° 6	18°15	4°17	14°42	11°38	28°43	0°11	6°44	22°41	S 25
S 26	18 15 27	4°30'29	21°44	20°37	7°26	0°43	9° 0	18°16	4°15	14°41	11°40	28°35	0° 8	6°50	22°42	S 26
M27	18 19 24	5°27'48	7♏ 1	20°31	8°37	1°11	8°54	18°16	4°12	14°40	11°41	28°27	0° 5	6°57	22°44	M27
T 28	18 23 20	6°25'07	22°16	20°D29	9°49	1°39	8°48	18°17	4°10	14°38	11°43	28°22	0° 2	7° 4	22°45	T 28
W29	18 27 17	7°22'25	7♏19	20°32	11° 0	2° 7	8°42	18°18	4° 7	14°37	11°44	28°18	29♏55	7°10	22°47	W29
T 30	18 31 13	8♏19'43	22♏ 0	20♏39	12♏11	2♏36	8♏36	18♏19	4♏ 5	14♏36	11♏45	28°D16	29♏55	7♏17	22♏48	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	21n57	23s 2	2s41	24n29	1n 8	24n31	1n22	4n50	1n12	21s15	0n54	4s49	2n38	23s29	0s14	16s 6
T 2	22 5	18 20	1 32	24 16	0 55	24 28	1 24	4 41	1 10	21 14	0 54	4 49	2 38	23 29	0 14	16 7
F 3	22 13	12 46	0 19	24 2	0 41	24 25	1 26	4 31	1 9	21 13	0 54	4 48	2 37	23 29	0 14	16 7
S 4	22 20	6 43	0n53	23 47	0 26	24 21	1 28	4 21	1 7	21 12	0 54	4 48	2 37	23 29	0 14	16 7
S 5	22 27	0 32	2 0	23 32	0 11	24 16	1 29	4 11	1 5	21 11	0 54	4 47	2 37	23 30	0 14	16 7
M 6	22 33	5n30	3 0	23 16	0s 5	24 11	1 31	4 1	1 4	21 11	0 54	4 47	2 37	23 30	0 14	16 7
T 7	22 39	11 11	3 49	22 59	0 22	24 5	1 33	3 50	1 2	21 10	0 54	4 47	2 36	23 30	0 14	16 7
W 8	22 45	16 20	4 26	22 42	0 39	23 59	1 34	3 40	1 0	21 9	0 54	4 46	2 36	23 30	0 14	16 8
T 9	22 50	20 43	4 50	22 24	0 57	23 51	1 36	3 29	0 59	21 8	0 53	4 46	2 36	23 30	0 14	16 8
F 10	22 55	24 12	5 1	22 6	1 14	23 43	1 37	3 19	0 57	21 7	0 53	4 46	2 36	23 30	0 14	16 8
S 11	22 59	26 34	4 58	21 48	1 32	23 34	1 39	3 8	0 56	21 6	0 53	4 46	2 35	23 30	0 14	16 8
S 12	23 4	27 42	4 42	21 30	1 49	23 25	1 40	2 57	0 54	21 5	0 53	4 45	2 35	23 30	0 14	16 8
M13	23 7	27 34	4 14	21 12	2 6	23 15	1 41	2 46	0 53	21 4	0 53	4 45	2 35	23 30	0 14	16 9
T 14	23 10	26 9	3 35	20 54	2 23	23 4	1 43	2 35	0 51	21 3	0 53	4 45	2 35	23 30	0 14	16 9
W15	23 13	23 35	2 46	20 37	2 39	22 53	1 44	2 24	0 50	21 2	0 53	4 45	2 34	23 31	0 14	16 9
T 16	23 16	20 0	1 50	20 21	2 55	22 41	1 45	2 13	0 48	21 1	0 53	4 45	2 34	23 31	0 14	16 9
F 17	23 18	15 34	0 49	20 5	3 9	22 28	1 46	2 1	0 47	21 1	0 52	4 45	2 34	23 31	0 14	16 10
S 18	23 19	10 30	0s16	19 50	3 23	22 15	1 47	1 50	0 45	21 0	0 52	4 46	2 34	23 31	0 14	16 10
S 19	23 20	4 55	1 21	19 36	3 35	22 1	1 48	1 38	0 44	20 59	0 52	4 46	2 34	23 31	0 14	16 10
M20	23 21	0s58	2 23	19 23	3 46	21 47	1 48	1 26	0 43	20 58	0 52	4 46	2 33	23 31	0 14	16 11
T 21	23 21	6 59	3 21	19 12	3 56	21 32	1 49	1 15	0 41	20 57	0 52	4 46	2 33	23 31	0 14	16 11
W22	23 21	12 54	4 9	19 2	4 5	21 16	1 50	1 3	0 40	20 56	0 52	4 46	2 33	23 31	0 14	16 11
T 23	23 21	18 23	4 44	18 53	4 12	21 0	1 50	0 51	0 39	20 55	0 51	4 47	2 33	23 31	0 14	16 12
F 24	23 20	23 1	5 3	18 46	4 18	20 44	1 51	0 39	0 37	20 55	0 51	4 47	2 32	23 31	0 14	16 12
S 25	23 18	26 18	5 3	18 41	4 22	20 26	1 51	0 27	0 36	20 54	0 51	4 47	2 32	23 31	0 14	16 12
S 26	23 17	27 47	4 41	18 37	4 25	20 9	1 51	0 15	0 35	20 53	0 51	4 48	2 32	23 32	0 14	16 12
M27	23 15	27 10	4 0	18 34	4 27	19 50	1 52	0 2	0 33	20 52	0 51	4 48	2 32	23 32	0 14	16 13
T 28	23 12	24 30	3 1	18 34	4 28	19 31	1 52	0s10	0 32	20 52	0 50	4 49	2 31	23 32	0 14	16 13
W29	23 9	20 9	1 50	18 35	4 27	19 12	1 52	0 22	0 31	20 51	0 50	4 49	2 31	23 32	0 14	16 14
T 30	23n 6	14s39	0s34	18n37	4s25	18n52	1n52	0s35	0n29	20s50	0n50	4s50	2n31	23s32	0s14	16s14

Julian Day Number = 2692390.5, Delta T = 24m15s  
 Ecliptic obliquity = 23°21'21", Nutation = 0°00'08  
 Ayanamsha: Fagan/Bradley = 33°57'52", Lahiri = 33°04'52

## ASTRODIENST EPHEMERIS for the year 2659

JULY 2659

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18 35 10	9°17'00	6°17	20°11'51	13°12'22	3°5	8°R30	18°20	4°R 3	14°R35	11°47	28°16	29°52	7°24	22°49	F 1
S 2	18 39 7	10°14'17	20° 6	21° 8	14°33	3°34	8°25	18°21	4°0	14°33	11°48	28°17	29°49	7°30	22°51	S 2
S 3	18 43 3	11°11'34	3°29	21°29	15°44	4° 3	8°19	18°22	3°58	14°32	11°50	28°18	29°46	7°37	22°52	S 3
M 4	18 47 0	12° 8'51	16°28	21°56	16°55	4°32	8°14	18°23	3°55	14°31	11°51	28°R18	29°43	7°44	22°53	M 4
T 5	18 50 56	13° 6'08	29° 7	22°26	18° 6	5° 2	8° 9	18°25	3°53	14°30	11°53	28°17	29°40	7°51	22°54	T 5
W 6	18 54 53	14° 3'24	11°30	23° 1	19°17	5°32	8° 4	18°26	3°50	14°28	11°54	28°14	29°36	7°57	22°55	W 6
T 7	18 58 49	15° 0'41	23°41	23°41	20°28	6° 2	7°59	18°28	3°48	14°27	11°56	28° 9	29°33	8° 4	22°56	T 7
F 8	19 2 46	15°57'57	5°142	24°25	21°38	6°32	7°54	18°29	3°46	14°26	11°57	28° 2	29°30	8°11	22°57	F 8
S 9	19 6 42	16°55'14	17°38	25°13	22°49	7° 2	7°50	18°31	3°43	14°24	11°59	27°55	29°27	8°17	22°58	S 9
S 10	19 10 39	17°52'30	29°29	26° 6	23°59	7°33	7°45	18°33	3°41	14°23	12° 0	27°47	29°24	8°24	22°59	S 10
M11	19 14 36	18°49'46	11°19	27° 3	25°10	8° 3	7°41	18°35	3°39	14°21	12° 1	27°40	29°21	8°31	23° 0	M11
T 12	19 18 32	19°47'02	23°10	28° 4	26°20	8°34	7°37	18°37	3°36	14°20	12° 3	27°35	29°17	8°37	23° 1	T 12
W13	19 22 29	20°44'18	5°12	29°10	27°31	9° 6	7°33	18°39	3°34	14°18	12° 4	27°31	29°14	8°44	23° 1	W13
T 14	19 26 25	21°41'33	16°59	0°19	28°41	9°37	7°29	18°41	3°32	14°17	12° 6	27°28	29°11	8°51	23° 2	T 14
F 15	19 30 22	22°38'49	29° 2	1°32	29°51	10° 8	7°25	18°44	3°29	14°16	12° 7	27°D28	29° 8	8°57	23° 3	F 15
S 16	19 34 18	23°36'04	11°14	2°50	1°14	10°40	7°22	18°46	3°27	14°14	12° 9	27°29	29° 5	9° 4	23° 3	S 16
S 17	19 38 15	24°33'19	23°39	4°11	2°11	11°12	7°19	18°49	3°25	14°13	12°10	27°30	29° 1	9°11	23° 4	S 17
M18	19 42 11	25°30'33	6°20	5°36	3°21	11°44	7°16	18°51	3°23	14°11	12°12	27°32	28°58	9°18	23° 4	M18
T 19	19 46 8	26°27'48	19°21	7° 5	4°31	12°16	7°13	18°54	3°20	14°10	12°13	27°33	28°55	9°24	23° 5	T 19
W20	19 50 5	27°25'02	2°145	8°38	5°41	12°48	7°10	18°57	3°18	14° 8	12°14	27°R33	28°52	9°31	23° 5	W20
T 21	19 54 1	28°22'16	16°33	10°14	6°50	13°21	7° 7	19° 0	3°16	14° 6	12°16	27°32	28°49	9°38	23° 5	T 21
F 22	19 57 58	29°19'30	0°147	11°54	8° 0	13°53	7° 5	19° 3	3°14	14° 5	12°17	27°29	28°46	9°44	23° 6	F 22
S 23	20 1 54	0°16'44	15°24	13°37	9° 9	14°26	7° 3	19° 6	3°12	14° 3	12°19	27°26	28°42	9°51	23° 6	S 23
S 24	20 5 51	1°13'58	0°30	15°24	10°19	14°59	7° 1	19° 9	3°10	14° 2	12°20	27°23	28°39	9°58	23° 6	S 24
M25	20 9 47	2°11'12	15°27	17°14	11°28	15°32	6°59	19°12	3° 8	14° 0	12°21	27°19	28°36	10° 4	23° 6	M25
T 26	20 13 44	3° 8'26	0°36	19° 6	12°37	16° 5	6°57	19°16	3° 6	13°59	12°23	27°17	28°33	10°11	23° 6	T 26
W27	20 17 40	4° 5'40	15°38	21° 2	13°47	16°39	6°56	19°19	3° 4	13°57	12°24	27°15	28°30	10°18	23°R 6	W27
T 28	20 21 37	5° 2'55	0°123	23° 0	14°55	17°12	6°54	19°23	3° 2	13°55	12°26	27°D15	28°27	10°24	23° 6	T 28
F 29	20 25 34	6° 0'10	14°46	25° 0	16° 4	17°46	6°53	19°26	3° 0	13°54	12°27	27°16	28°23	10°31	23° 6	F 29
S 30	20 29 30	6°57'25	28°43	27° 2	17°13	18°20	6°52	19°30	2°58	13°52	12°28	27°17	28°20	10°38	23° 6	S 30
S 31	20 33 27	7°15'42	12°13	29°6	18°12	18°54	6°51	19°34	2°56	13°51	12°30	27°18	28°17	10°45	23°13	S 31

Day	☉	☾			♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	23n 2	8s31	0n43	18n41	4s22	18n32	1n52	0s47	0n28	20s49	0n50	4s50	2n31	23s32	0s14	16s14	0n10	17n43	5s 8	12s 2	11s29	27n14	10n 0	1n14					
S 2	22 58	2 9	1 55	18 46	4 18	18 11	1 52	1 0	0 27	20 49	0 50	4 51	2 30	23 32	0 14	16 15	0 10	17 43	5 8	12 2	11 30	27 13	10 0	1 14					
S 3	22 53	4n 6	2 58	18 52	4 13	17 50	1 51	1 13	0 26	20 48	0 50	4 52	2 30	23 32	0 14	16 15	0 10	17 43	5 8	12 1	11 31	27 12	10 1	1 14					
M 4	22 48	10 0	3 50	19 0	4 7	17 28	1 51	1 25	0 25	20 47	0 49	4 52	2 30	23 32	0 14	16 15	0 10	17 43	5 8	12 1	11 32	27 11	10 1	1 14					
T 5	22 43	15 20	4 30	19 8	4 0	17 6	1 50	1 38	0 23	20 47	0 49	4 53	2 29	23 32	0 14	16 16	0 10	17 43	5 8	12 2	11 33	27 10	10 1	1 14					
W 6	22 37	19 55	4 56	19 18	3 53	16 44	1 50	1 51	0 22	20 46	0 49	4 54	2 29	23 32	0 14	16 16	0 10	17 43	5 8	12 3	11 34	27 9	10 2	1 14					
T 7	22 31	23 36	5 8	19 28	3 44	16 21	1 49	2 4	0 21	20 46	0 49	4 55	2 29	23 32	0 14	16 17	0 10	17 43	5 8	12 5	11 35	27 8	10 2	1 14					
F 8	22 24	26 12	5 6	19 39	3 35	15 57	1 48	2 17	0 20	20 45	0 49	4 56	2 29	23 33	0 14	16 17	0 10	17 43	5 8	12 7	11 36	27 7	10 3	1 14					
S 9	22 17	27 37	4 51	19 51	3 26	15 34	1 48	2 30	0 19	20 45	0 48	4 57	2 29	23 33	0 14	16 17	0 10	17 42	5 8	12 9	11 38	27 6	10 3	1 14					
S 10	22 10	27 45	4 23	20 3	3 15	15 9	1 47	2 43	0 18	20 44	0 48	4 57	2 28	23 33	0 14	16 18	0 10	17 42	5 8	12 12	11 39	27 5	10 3	1 14					
M11	22 2	26 36	3 44	20 15	3 5	14 45	1 46	2 56	0 16	20 44	0 48	4 58	2 28	23 33	0 14	16 18	0 10	17 42	5 8	12 14	11 40	27 4	10 4	1 14					
T 12	21 54	24 16	2 56	20 27	2 53	14 20	1 45	3 9	0 15	20 43	0 48	4 59	2 28	23 33	0 14	16 19	0 10	17 42	5 8	12 16	11 41	27 3	10 4	1 14					
W13	21 46	20 52	1 59	20 39	2 42	13 55	1 43	3 22	0 14	20 43	0 47	5 0	2 28	23 33	0 14	16 19	0 10	17 42	5 8	12 18	11 42	27 2	10 4	1 14					
T 14	21 37	16 36	0 57	20 52	2 30	13 29	1 42	3 36	0 13	20 42	0 47	5 2	2 27	23 33	0 14	16 19	0 10	17 42	5 8	12 18	11 43	27 1	10 4	1 14					
F 15	21 28	11 38	0s 9	21 3	2 17	13 3	1 41	3 49	0 12	20 42	0 47	5 3	2 27	23 33	0 14	16 20	0 10	17 42	5 8	12 19	11 44	27 0	10 5	1 14					
S 16	21 18	6 11	1 15	21 15	2 5	12 37	1 39	4 2	0 11	20 42	0 47	5 4	2 27	23 33	0 14	16 20	0 10	17 42	5 8	12 18	11 45	26 59	10 5	1 14					
S 17	21 8	0 24	2 18	21 26	1 52	12 11	1 38	4 16	0 10	20 41	0 47	5 5	2 27	23 33	0 14	16 21	0 10	17 42	5 8	12 18	11 46	26 58	10 5	1 14					
M18	20 58	5s31	3 17	21 35	1 39	11 44	1 36	4 29	0 9	20 41	0 46	5 6	2 26	23 33	0 14	16 21	0 10	17 42	5 8	12 17	11 47	26 57	10 5	1 14					
T 19	20 47	11 21	4 7	21 44	1 26	11 17	1 34	4 43	0 8	20 41	0 46	5 7	2 26	23 33	0 14	16 22	0 10	17 42	5 8	12 17	11 49	26 56	10 5	1 14					
W20	20 36	16 50	4 45	21 52	1 13	10 50	1 32	4 56	0 7	20 40	0 46	5 9	2 26	23 33	0 14	16 22	0 10	17 41	5 7	12 17	11 50	26 55	10 5	1 14					
T 21	20 25	21 38	5 8	21 58	1 0	10 22	1 31	5 10	0 6	20 40	0 46	5 10	2 26	23 33	0 14	16 23	0 10	17 41	5 7	12 17	11 51	26 54	10 6	1 14					
F 22	20 13	25 21	5 13	22 3	0 47	9 55	1 28	5 23	0 5	20 40	0 46	5 11	2 25	23 33	0 14	16 23	0 10	17 41	5 7	12 18	11 52	26 53	10 6	1 14					
S 23	20 1	27 30	4 58	22 6	0 34	9 27	1 26	5 37	0 4	20 40	0 45	5 13	2 25	23 34	0 14	16 23	0 10	17 41	5 7	12 19	11 53	26 52	10 6	1 14					
S 24	19 49	27 45	4 23	22 7	0 22	8 58	1 24	5 51	0 3	20 40	0 45	5 14	2 25	23 34	0 14	16 24	0 10	17 41	5 7	12 20	11 54	26 51	10 6	1 14					
M25	19 36	25 56	3 30	22 6	0 9	8 30	1 22	6 4	0 2	20 40	0 45	5 16	2 25	23 34	0 14	16 24	0 10	17 41	5 7	12 22	11 55	26 49	10 6	1 14					
T 26	19 23	22 15	2 21	22 3	0n 3	8 1	1 19	6 18	0 1	20 40	0 45	5 17	2 24	23 34	0 14	16 25	0 10	17 41	5 7	12 22	11 56	26 48	10 6	1 14					
W27	19 10	17 6	1 4	21 57	0 14	7 33	1 17	6 31	0s 0	20 40	0 44	5 19	2 24	23 34	0 14	16 25	0 10	17 41	5 7	12 23	11 57	26 47	10 6	1 14					
T 28	18 56	11 2	0n17	21 49	0 25	7 4	1 14	6 45	0 1	20 40	0 44	5 20	2 24	23 34	0 14	16 26	0 10	17 41	5 7	12 23	11 58	26 46	10 6	1 14					
F 29	18 42	4 31	1 35	21 39	0 36	6 35	1 12	6 59	0 2	20 40	0 44	5 22	2 24	23 34	0 14	16 26	0 10	17 40	5 7	12 23	12 0	26 45	10 6	1 14					
S 30	18 28	2n 1	2 45	21 26	0 46	6 5	1 9	7 13	0 3	20 40	0 44	5 23	2 24	23 34	0 14	16 27	0 10	17 40	5 7	12 22	12 1	26 44	10 6	1 14					
S 31	18n14	8n14	3n43	21n10	0n55	5n36	1n 6	7s26	0s 4	20s40	0n44	5s25	2n23	23s34	0s15	16s27	0n10	17n40	5s 7	12s22	12s 2	26n43	10n 6	1n14					

## ASTRODIENST EPHEMERIS for the year 2659

AUGUST 2659

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	20 37 23	8♂51'59	25♂18	1♂12	19♂30	19♂28	6°R51	19♂38	2°R54	13°R49	12♂31	27♂19	28♂14	10♂51	23°R 5	M 1
T 2	20 41 20	9°49'17	8♂0	3°18	20°39	20° 2	6♂50	19°42	2♂52	13♂47	12°32	27°R20	28°11	10°58	23°Y 5	T 2
W 3	20 45 16	10°46'35	20°24	5°25	21°47	20°36	6°50	19°46	2°51	13°46	12°34	27°20	28° 7	11° 5	23° 5	W 3
T 4	20 49 13	11°43'55	2♂33	7°32	22°56	21°11	6°D50	19°50	2°49	13°44	12°35	27°19	28° 4	11°11	23° 4	T 4
F 5	20 53 9	12°41'15	14°32	9°40	24° 4	21°45	6°50	19°54	2°47	13°42	12°36	27°17	28° 1	11°18	23° 4	F 5
S 6	20 57 6	13°38'36	26°25	11°47	25°12	22°20	6°50	19°58	2°45	13°41	12°37	27°15	27°58	11°25	23° 3	S 6
S 7	21 1 3	14°35'58	8♂14	13°54	26°20	22°55	6°51	20° 2	2°44	13°39	12°39	27°13	27°55	11°31	23° 3	S 7
M 8	21 4 59	15°33'21	20° 5	16° 0	27°27	23°30	6°52	20° 7	2°42	13°38	12°40	27°11	27°52	11°38	23° 2	M 8
T 9	21 8 56	16°30'45	1♂58	18° 5	28°35	24° 5	6°52	20°11	2°41	13°36	12°41	27°10	27°48	11°45	23° 1	T 9
W10	21 12 52	17°28'09	13°57	20°10	29°43	24°40	6°53	20°16	2°39	13°34	12°42	27° 9	27°45	11°51	23° 1	W10
T 11	21 16 49	18°25'34	26° 3	22°13	0♂50	25°16	6°55	20°21	2°38	13°33	12°44	27°D 9	27°42	11°58	23° 0	T 11
F 12	21 20 45	19°23'00	8♂19	24°15	1°57	25°51	6°56	20°25	2°36	13°31	12°45	27° 9	27°39	12° 5	22°59	F 12
S 13	21 24 42	20°20'26	20°45	26°16	3° 5	26°27	6°58	20°30	2°35	13°29	12°46	27°10	27°36	12°11	22°58	S 13
S 14	21 28 38	21°17'53	3♂24	28°15	4°12	27° 3	6°59	20°35	2°34	13°28	12°47	27°10	27°33	12°18	22°57	S 14
M15	21 32 35	22°15'21	16°17	0♂13	5°18	27°39	7° 1	20°40	2°32	13°26	12°48	27°11	27°29	12°25	22°56	M15
T 16	21 36 32	23°12'50	29°27	2° 9	6°25	28°15	7° 3	20°45	2°31	13°25	12°50	27°11	27°26	12°31	22°55	T 16
W17	21 40 28	24°10'19	12♂54	4° 4	7°32	28°51	7° 6	20°50	2°30	13°23	12°51	27°11	27°23	12°38	22°54	W17
T 18	21 44 25	25° 7'49	26°39	5°57	8°38	29°27	7° 8	20°55	2°29	13°21	12°52	27°R11	27°20	12°45	22°53	T 18
F 19	21 48 21	26° 5'20	10♂43	7°49	9°44	0♂14	7°11	21° 0	2°27	13°20	12°53	27°11	27°17	12°52	22°52	F 19
S 20	21 52 18	27° 2'51	25° 4	9°39	10°50	0°40	7°14	21° 6	2°26	13°18	12°54	27°D11	27°13	12°58	22°51	S 20
S 21	21 56 14	28° 0'24	9♂40	11°27	11°56	1°17	7°17	21°11	2°25	13°17	12°55	27°11	27°10	13° 5	22°49	S 21
M22	22 0 11	28°57'57	24°25	13°14	13° 2	1°54	7°20	21°16	2°24	13°15	12°56	27°12	27° 7	13°12	22°48	M22
T 23	22 4 8	29°55'31	9♂14	15° 0	14° 8	2°30	7°23	21°22	2°23	13°14	12°57	27°12	27° 4	13°18	22°47	T 23
W24	22 8 4	0♂53'05	23°59	16°44	15°13	3° 7	7°27	21°27	2°22	13°12	12°58	27°R12	27° 1	13°25	22°45	W24
T 25	22 12 1	1°50'41	8♂35	18°26	16°18	3°44	7°30	21°33	2°22	13°11	12°59	27°12	26°58	13°32	22°44	T 25
F 26	22 15 57	2°48'18	22°53	20° 7	17°23	4°22	7°34	21°38	2°21	13° 9	13° 0	27°11	26°54	13°38	22°42	F 26
S 27	22 19 54	3°45'57	6♂50	21°47	18°28	4°59	7°38	21°44	2°20	13° 8	13° 1	27°11	26°51	13°45	22°41	S 27
S 28	22 23 50	4°43'36	20°23	23°25	19°32	5°36	7°42	21°50	2°19	13° 6	13° 2	27°10	26°48	13°52	22°39	S 28
M29	22 27 47	5°41'18	3♂32	25° 1	20°37	6°14	7°47	21°56	2°19	13° 5	13° 3	27° 9	26°45	13°58	22°38	M29
T 30	22 31 43	6°39'01	16°18	26°37	21°41	6°51	7°51	22° 2	2°18	13° 3	13° 4	27° 8	26°42	14° 5	22°36	T 30
W31	22 35 40	7♂36'45	28♂45	28♂10	22♂45	7♂29	7♂56	22♂ 7	2♂17	13♂ 2	13♂ 5	27♂ 8	26♂39	14♂12	22♂34	W31

Day	☉	☾	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	17n59	13n54	4n28	20n51	1n 3	5n 6	1n 3	7s40	0s 5	20s40	0n43	5s27	2n23	23s34	0s15	16s28	0n10	17n40	5s 7	12s22	12s 3	26n42	10n 6	1n14	
T 2	17 44	18 49	4 58	20 30	1 11	4 37	1 0	7 54	0 6	20 40	0 43	5 28	2 23	23 34	0 15	16 28	0 10	17 40	5 7	12 21	12 4	26 40	10 5	1 14	
W 3	17 28	22 49	5 13	20 7	1 18	4 7	0 57	8 8	0 7	20 40	0 43	5 30	2 23	23 34	0 15	16 29	0 10	17 40	5 7	12 21	12 5	26 39	10 5	1 14	
T 4	17 13	25 44	5 14	19 41	1 24	3 37	0 54	8 21	0 8	20 40	0 43	5 32	2 22	23 34	0 15	16 29	0 10	17 40	5 7	12 22	12 6	26 38	10 5	1 14	
F 5	16 57	27 27	5 2	19 13	1 30	3 7	0 50	8 35	0 9	20 41	0 42	5 33	2 22	23 34	0 15	16 30	0 10	17 40	5 7	12 22	12 7	26 37	10 5	1 14	
S 6	16 40	27 54	4 36	18 42	1 35	2 37	0 47	8 49	0 10	20 41	0 42	5 35	2 22	23 34	0 15	16 30	0 10	17 39	5 7	12 23	12 8	26 36	10 5	1 14	
S 7	16 24	27 4	3 59	18 10	1 38	2 7	0 43	9 3	0 10	20 41	0 42	5 37	2 22	23 34	0 15	16 31	0 10	17 39	5 7	12 24	12 9	26 34	10 5	1 14	
M 8	16 7 25	1 3 11	17 36	1 41	1 37	0 40	9 16	0 11	20 42	0 42	5 39	2 22	23 34	0 15	16 31	0 10	17 39	5 7	12 24	12 11	26 33	10 4	1 14		
T 9	15 50	21 51	2 15	17 0	1 44	1 7	0 36	9 30	0 12	20 42	0 42	5 41	2 21	23 34	0 15	16 31	0 10	17 39	5 7	12 25	12 12	26 32	10 4	1 14	
W10	15 33	17 44	1 13	16 22	1 45	0 37	0 32	9 44	0 13	20 42	0 41	5 43	2 21	23 34	0 15	16 32	0 10	17 39	5 7	12 25	12 13	26 31	10 4	1 14	
T 11	15 15	12 53	0 6	15 43	1 46	0 6	0 29	9 57	0 14	20 43	0 41	5 45	2 21	23 34	0 15	16 32	0 10	17 39	5 7	12 25	12 14	26 30	10 3	1 14	
F 12	14 57	7 28	1s 2	15 3	1 46	0s24	0 25	10 11	0 15	20 43	0 41	5 46	2 21	23 34	0 15	16 33	0 10	17 39	5 7	12 25	12 15	26 28	10 3	1 14	
S 13	14 39	1 42	2 7	14 22	1 45	0 54	0 21	10 25	0 16	20 44	0 41	5 48	2 21	23 34	0 15	16 33	0 10	17 39	5 7	12 25	12 16	26 27	10 3	1 14	
S 14	14 21	4s13	3 8	13 40	1 44	1 24	0 17	10 38	0 16	20 44	0 40	5 50	2 20	23 34	0 15	16 34	0 10	17 38	5 8	12 25	12 17	26 26	10 2	1 14	
M15	14 3 10	5 4	0 12	57	1 42	1 55	0 13	10 52	0 17	20 45	0 40	5 52	2 20	23 34	0 15	16 34	0 10	17 38	5 8	12 24	12 18	26 25	10 2	1 14	
T 16	13 44	15 37	4 41	12 13	1 40	2 25	0 8	11 6	0 18	20 45	0 40	5 54	2 20	23 34	0 15	16 35	0 10	17 38	5 8	12 24	12 19	26 23	10 2	1 14	
W17	13 25	20 32	5 7	11 29	1 37	2 55	0 4	11 19	0 19	20 46	0 40	5 57	2 20	23 34	0 15	16 35	0 10	17 38	5 8	12 24	12 20	26 22	10 1	1 14	
T 18	13 6 24	29 5	17 10	44	1 33	3 25	0s 0	11 33	0 20	20 47	0 40	5 59	2 20	23 34	0 15	16 36	0 10	17 38	5 8	12 24	12 21	26 21	10 1	1 14	
F 19	12 47	27 4	5 9	9 59	1 29	3 55	0 5	11 46	0 20	20 47	0 39	6 1	2 20	23 34	0 15	16 36	0 10	17 38	5 8	12 24	12 22	26 20	10 0	1 14	
S 20	12 27	27 56	4 41	9 14	1 25	4 25	0 9	12 0	0 21	20 48	0 39	6 3	2 19	23 35	0 15	16 37	0 10	17 38	5 8	12 24	12 24	26 18	10 0	1 14	
S 21	12 7 26	54	3 54	8 28	1 20	4 55	0 14	12 13	0 22	20 49	0 39	6 5	2 19	23 35	0 15	16 37	0 10	17 38	5 8	12 24	12 25	26 17	10 0	1 14	
M22	11 48	23 59	2 52	7 43	1 15	5 25	0 18	12 27	0 23	20 49	0 39	6 7	2 19	23 35	0 15	16 38	0 10	17 37	5 8	12 24	12 26	26 16	9 59	1 14	
T 23	11 28	19 28	1 38	6 57	1 9	5 55	0 23	12 40	0 24	20 50	0 38	6 9	2 19	23 35	0 15	16 38	0 10	17 37	5 8	12 24	12 27	26 14	9 59	1 14	
W24	11 7 13	45	0 18	6 11	1 3	6 24	0 28	12 54	0 24	20 51	0 38	6 12	2 19	23 35	0 15	16 38	0 10	17 37	5 8	12 24	12 28	26 13	9 58	1 14	
T 25	10 47	7 21	1n 3	5 26	0 57	6 54	0 33	13 7	0 25	20 52	0 38	6 14	2 19	23 35	0 14	16 39	0 10	17 37	5 8	12 24	12 29	26 12	9 57	1 14	
F 26	10 26	0 42	2 18	4 40	0 50	7 23	0 38	13 20	0 26	20 52	0 38	6 16	2 18	23 35	0 14	16 39	0 10	17 37	5 8	12 24	12 30	26 10	9 57	1 14	
S 27	10 6	5n48	3 23	3 55	0 43	7 52	0 43	13 33	0 27	20 53	0 38	6 18	2 18	23 35	0 14	16 40	0 10	17 37	5 8	12 24	12 31	26 9	9 56	1 14	
S 28	9 45	11 51	4 14	3 9	0 36	8 21	0 48	13 46	0 27	20 54	0 37	6 20	2 18	23 35	0 14	16 40	0 10	17 37	5 8	12 25	12 32	26 8	9 56	1 14	
M29	9 24	17 12	4 50	2 25	0 29	8 50	0 53	14 0	0 28	20 55	0 37	6 23	2 18	23 35	0 14	16 41	0 10	17 36	5 8	12 25	12 33	26 6	9 55	1 14	
T 30	9 2 21	37	5 11	1 40	0 21	9 19	0 58	14 13	0 28	20 56	0 37	6 25	2 18	23 35	0 14	16 41	0 10	17 36	5 8	12 25	12 34	26 5	9 54	1 14	
W31	8n41	24n57	5n17	0n56	0n13	9s48	1s 3	14s26	0s30	20s57	0n37	6s27	2n18	23s35	0s14	16s41	0n10	17n36	5s 8	12s26	12s35	26n 4	9n54	1n14	

## ASTRODIENST EPHEMERIS for the year 2659

SEPTEMBER 2659

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 39 36	8 <sup>h</sup> 34'31"	10 <sup>h</sup> 11'55"	29 <sup>h</sup> 42'42"	23 <sup>h</sup> 42'49"	8 <sup>h</sup> 11' 7"	8 <sup>h</sup> 11' 1"	22 <sup>h</sup> 42'13"	2 <sup>h</sup> 17'17"	13 <sup>h</sup> 13' 0"	13 <sup>h</sup> 13' 6"	27 <sup>h</sup> 07' 7"	26 <sup>h</sup> 33'35"	14 <sup>h</sup> 28'18"	22 <sup>h</sup> 13'33"	T 1
F 2	22 43 33	9 <sup>h</sup> 32'19"	22 <sup>h</sup> 54' 4"	1 <sup>h</sup> 41'13"	24 <sup>h</sup> 52' 8"	8 <sup>h</sup> 45' 8"	8 <sup>h</sup> 6' 6"	22 <sup>h</sup> 19' 2"	2 <sup>h</sup> 16'16"	12 <sup>h</sup> 55'59"	13 <sup>h</sup> 7' 8"	27 <sup>h</sup> 33' 8"	26 <sup>h</sup> 32' 8"	14 <sup>h</sup> 25' 8"	22 <sup>h</sup> 13'31"	F 2
S 3	22 47 30	10 <sup>h</sup> 30'08"	4 <sup>h</sup> 54'47"	2 <sup>h</sup> 42' 2"	25 <sup>h</sup> 56' 9"	9 <sup>h</sup> 23' 8"	8 <sup>h</sup> 11' 1"	22 <sup>h</sup> 26' 2"	2 <sup>h</sup> 16' 2"	12 <sup>h</sup> 57' 1"	13 <sup>h</sup> 8' 8"	27 <sup>h</sup> 9' 9"	26 <sup>h</sup> 29' 9"	14 <sup>h</sup> 32' 9"	22 <sup>h</sup> 29' 9"	S 3
S 4	22 51 26	11 <sup>h</sup> 27'59"	16 <sup>h</sup> 36' 4"	4 <sup>h</sup> 10' 5"	26 <sup>h</sup> 59' 10"	10 <sup>h</sup> 1' 8"	8 <sup>h</sup> 16' 2"	22 <sup>h</sup> 32' 2"	2 <sup>h</sup> 16' 2"	12 <sup>h</sup> 56' 1"	13 <sup>h</sup> 9' 9"	27 <sup>h</sup> 10' 9"	26 <sup>h</sup> 26' 9"	14 <sup>h</sup> 38' 9"	22 <sup>h</sup> 27' 9"	S 4
M 5	22 55 23	12 <sup>h</sup> 25'52"	28 <sup>h</sup> 28' 5"	5 <sup>h</sup> 37' 2"	28 <sup>h</sup> 1' 10"	10 <sup>h</sup> 39' 8"	8 <sup>h</sup> 21' 2"	22 <sup>h</sup> 38' 2"	2 <sup>h</sup> 15' 2"	12 <sup>h</sup> 55' 1"	13 <sup>h</sup> 10' 10"	27 <sup>h</sup> 11' 10"	26 <sup>h</sup> 23' 10"	14 <sup>h</sup> 45' 10"	22 <sup>h</sup> 25' 10"	M 5
T 6	22 59 19	13 <sup>h</sup> 23'46"	10 <sup>h</sup> 22'26"	7 <sup>h</sup> 2' 29"	29 <sup>h</sup> 4' 11"	11 <sup>h</sup> 18' 8"	8 <sup>h</sup> 27' 2"	22 <sup>h</sup> 44' 2"	2 <sup>h</sup> 15' 2"	12 <sup>h</sup> 53' 1"	13 <sup>h</sup> 11' 11"	27 <sup>h</sup> 12' 11"	26 <sup>h</sup> 19' 11"	14 <sup>h</sup> 52' 11"	22 <sup>h</sup> 23' 11"	T 6
W 7	23 3 16	14 <sup>h</sup> 21'42"	22 <sup>h</sup> 33' 8"	8 <sup>h</sup> 25' 0"	0 <sup>h</sup> 11' 6"	11 <sup>h</sup> 56' 8"	8 <sup>h</sup> 33' 2"	22 <sup>h</sup> 50' 2"	2 <sup>h</sup> 15' 2"	12 <sup>h</sup> 52' 1"	13 <sup>h</sup> 11' 11"	27 <sup>h</sup> 13' 11"	26 <sup>h</sup> 16' 11"	14 <sup>h</sup> 58' 11"	22 <sup>h</sup> 21' 11"	W 7
T 8	23 7 12	15 <sup>h</sup> 19'39"	4 <sup>h</sup> 47'51"	9 <sup>h</sup> 47' 1"	1 <sup>h</sup> 8' 12"	12 <sup>h</sup> 35' 8"	8 <sup>h</sup> 39' 2"	22 <sup>h</sup> 57' 2"	2 <sup>h</sup> 15' 2"	12 <sup>h</sup> 51' 1"	13 <sup>h</sup> 12' 12"	27 <sup>h</sup> 13' 12"	26 <sup>h</sup> 13' 12"	15 <sup>h</sup> 5' 12"	22 <sup>h</sup> 19' 12"	T 8
F 9	23 11 9	16 <sup>h</sup> 17'38"	17 <sup>h</sup> 23' 11"	11 <sup>h</sup> 7' 2"	2 <sup>h</sup> 10' 13"	13 <sup>h</sup> 13' 8"	8 <sup>h</sup> 45' 3"	23 <sup>h</sup> 3' 2"	2 <sup>h</sup> 14' 2"	12 <sup>h</sup> 49' 13"	13 <sup>h</sup> 13' 13"	27 <sup>h</sup> 12' 13"	26 <sup>h</sup> 10' 13"	15 <sup>h</sup> 12' 13"	22 <sup>h</sup> 17' 13"	F 9
S 10	23 15 5	17 <sup>h</sup> 15'38"	0 <sup>h</sup> 41' 8"	12 <sup>h</sup> 26' 3"	3 <sup>h</sup> 11' 13"	13 <sup>h</sup> 52' 8"	8 <sup>h</sup> 51' 2"	23 <sup>h</sup> 10' 2"	2 <sup>h</sup> 14' 2"	12 <sup>h</sup> 48' 13"	13 <sup>h</sup> 14' 14"	27 <sup>h</sup> 10' 14"	26 <sup>h</sup> 7' 14"	15 <sup>h</sup> 19' 14"	22 <sup>h</sup> 15' 14"	S 10
S 11	23 19 2	18 <sup>h</sup> 13'40"	13 <sup>h</sup> 8' 13"	13 <sup>h</sup> 42' 4"	4 <sup>h</sup> 13' 14"	14 <sup>h</sup> 31' 9"	8 <sup>h</sup> 57' 2"	23 <sup>h</sup> 16' 2"	2 <sup>h</sup> 14' 2"	12 <sup>h</sup> 47' 13"	13 <sup>h</sup> 14' 14"	27 <sup>h</sup> 7' 14"	26 <sup>h</sup> 4' 14"	15 <sup>h</sup> 25' 14"	22 <sup>h</sup> 13' 14"	S 11
M12	23 22 59	19 <sup>h</sup> 11'43"	26 <sup>h</sup> 23' 14"	14 <sup>h</sup> 58' 5"	5 <sup>h</sup> 13' 15"	15 <sup>h</sup> 10' 9"	9 <sup>h</sup> 4' 23"	23 <sup>h</sup> 23' 2"	2 <sup>h</sup> 14' 2"	12 <sup>h</sup> 46' 13"	13 <sup>h</sup> 15' 15"	27 <sup>h</sup> 4' 15"	26 <sup>h</sup> 0' 15"	15 <sup>h</sup> 32' 15"	22 <sup>h</sup> 11' 15"	M12
T 13	23 26 55	20 <sup>h</sup> 9'48"	9 <sup>h</sup> 11'50"	16 <sup>h</sup> 11' 6"	6 <sup>h</sup> 14' 15"	15 <sup>h</sup> 49' 9"	9 <sup>h</sup> 10' 23"	23 <sup>h</sup> 29' 2"	2 <sup>h</sup> 14' 2"	12 <sup>h</sup> 44' 13"	13 <sup>h</sup> 16' 16"	27 <sup>h</sup> 1' 16"	25 <sup>h</sup> 57' 16"	15 <sup>h</sup> 39' 16"	22 <sup>h</sup> 9' 16"	T 13
W14	23 30 52	21 <sup>h</sup> 7'54"	23 <sup>h</sup> 30' 17"	17 <sup>h</sup> 23' 7"	7 <sup>h</sup> 14' 16"	16 <sup>h</sup> 28' 9"	9 <sup>h</sup> 17' 23"	23 <sup>h</sup> 36' 2"	2 <sup>h</sup> 15' 2"	12 <sup>h</sup> 43' 13"	13 <sup>h</sup> 16' 16"	26 <sup>h</sup> 58' 16"	25 <sup>h</sup> 54' 16"	15 <sup>h</sup> 45' 16"	22 <sup>h</sup> 7' 16"	W14
T 15	23 34 48	22 <sup>h</sup> 6'02"	7 <sup>h</sup> 22'22"	18 <sup>h</sup> 32' 8"	8 <sup>h</sup> 14' 17"	17 <sup>h</sup> 7' 9"	9 <sup>h</sup> 24' 23"	23 <sup>h</sup> 42' 2"	2 <sup>h</sup> 15' 2"	12 <sup>h</sup> 42' 13"	13 <sup>h</sup> 17' 17"	26 <sup>h</sup> 56' 17"	25 <sup>h</sup> 51' 17"	15 <sup>h</sup> 52' 17"	22 <sup>h</sup> 4' 17"	T 15
F 16	23 38 45	23 <sup>h</sup> 4'11"	21 <sup>h</sup> 24' 19"	19 <sup>h</sup> 40' 9"	9 <sup>h</sup> 14' 17"	17 <sup>h</sup> 47' 9"	9 <sup>h</sup> 31' 23"	23 <sup>h</sup> 49' 2"	2 <sup>h</sup> 15' 2"	12 <sup>h</sup> 41' 13"	13 <sup>h</sup> 18' 18"	26 <sup>h</sup> 55' 18"	25 <sup>h</sup> 48' 18"	15 <sup>h</sup> 59' 18"	22 <sup>h</sup> 2' 18"	F 16
S 17	23 42 41	24 <sup>h</sup> 2'21"	5 <sup>h</sup> 33'34"	20 <sup>h</sup> 45' 10"	10 <sup>h</sup> 13' 18"	18 <sup>h</sup> 26' 9"	9 <sup>h</sup> 38' 23"	23 <sup>h</sup> 56' 2"	2 <sup>h</sup> 15' 2"	12 <sup>h</sup> 40' 13"	13 <sup>h</sup> 18' 18"	26 <sup>h</sup> 56' 18"	25 <sup>h</sup> 45' 18"	16 <sup>h</sup> 5' 18"	22 <sup>h</sup> 0' 18"	S 17
S 18	23 46 38	25 <sup>h</sup> 0'33"	19 <sup>h</sup> 51' 21"	21 <sup>h</sup> 48' 11"	11 <sup>h</sup> 12' 19"	19 <sup>h</sup> 6' 9"	9 <sup>h</sup> 46' 24"	2 <sup>h</sup> 2' 21"	2 <sup>h</sup> 16' 2"	12 <sup>h</sup> 39' 13"	13 <sup>h</sup> 19' 19"	26 <sup>h</sup> 57' 19"	25 <sup>h</sup> 41' 19"	16 <sup>h</sup> 12' 19"	21 <sup>h</sup> 58' 19"	S 18
M19	23 50 34	25 <sup>h</sup> 58'46"	4 <sup>h</sup> 33'12"	22 <sup>h</sup> 49' 12"	10 <sup>h</sup> 10' 19"	19 <sup>h</sup> 45' 9"	9 <sup>h</sup> 53' 24"	2 <sup>h</sup> 9' 21"	2 <sup>h</sup> 16' 2"	12 <sup>h</sup> 38' 13"	13 <sup>h</sup> 19' 19"	26 <sup>h</sup> 58' 19"	25 <sup>h</sup> 38' 19"	16 <sup>h</sup> 19' 19"	21 <sup>h</sup> 55' 19"	M19
T 20	23 54 31	26 <sup>h</sup> 57'01"	18 <sup>h</sup> 35' 23"	23 <sup>h</sup> 47' 13"	12 <sup>h</sup> 8' 20"	20 <sup>h</sup> 25' 10"	10 <sup>h</sup> 1' 24"	24 <sup>h</sup> 16' 2"	2 <sup>h</sup> 16' 2"	12 <sup>h</sup> 37' 13"	13 <sup>h</sup> 20' 20"	27 <sup>h</sup> 0' 20"	25 <sup>h</sup> 35' 20"	16 <sup>h</sup> 25' 20"	21 <sup>h</sup> 53' 20"	T 20
W21	23 58 28	27 <sup>h</sup> 55'17"	2 <sup>h</sup> 35'56"	24 <sup>h</sup> 43' 14"	6 <sup>h</sup> 21"	21 <sup>h</sup> 5' 10"	10 <sup>h</sup> 8' 24"	24 <sup>h</sup> 23' 2"	2 <sup>h</sup> 17' 2"	12 <sup>h</sup> 36' 13"	13 <sup>h</sup> 21' 21"	27 <sup>h</sup> 10' 21"	25 <sup>h</sup> 32' 21"	16 <sup>h</sup> 32' 21"	21 <sup>h</sup> 50' 21"	W21
T 22	0 2 24	28 <sup>h</sup> 53'35"	17 <sup>h</sup> 9' 25"	25 <sup>h</sup> 35' 15"	3 <sup>h</sup> 21"	21 <sup>h</sup> 45' 10"	10 <sup>h</sup> 16' 24"	24 <sup>h</sup> 30' 2"	2 <sup>h</sup> 17' 2"	12 <sup>h</sup> 34' 13"	13 <sup>h</sup> 21' 21"	26 <sup>h</sup> 58' 21"	25 <sup>h</sup> 29' 21"	16 <sup>h</sup> 39' 21"	21 <sup>h</sup> 48' 21"	T 22
F 23	0 6 21	29 <sup>h</sup> 51'54"	1 <sup>h</sup> 17'10"	26 <sup>h</sup> 25' 15"	5 <sup>h</sup> 59' 22"	22 <sup>h</sup> 25' 10"	10 <sup>h</sup> 24' 24"	24 <sup>h</sup> 37' 2"	2 <sup>h</sup> 18' 2"	12 <sup>h</sup> 34' 13"	13 <sup>h</sup> 21' 21"	26 <sup>h</sup> 55' 21"	25 <sup>h</sup> 25' 21"	16 <sup>h</sup> 45' 21"	21 <sup>h</sup> 45' 21"	F 23
S 24	0 10 17	0 <sup>h</sup> 50'15"	14 <sup>h</sup> 56' 27"	27 <sup>h</sup> 11' 16"	6 <sup>h</sup> 56' 23"	5 <sup>h</sup> 23"	10 <sup>h</sup> 32' 24"	24 <sup>h</sup> 44' 2"	2 <sup>h</sup> 19' 2"	12 <sup>h</sup> 33' 13"	13 <sup>h</sup> 22' 22"	26 <sup>h</sup> 51' 22"	25 <sup>h</sup> 22' 22"	16 <sup>h</sup> 52' 22"	21 <sup>h</sup> 43' 22"	S 24
S 25	0 14 14	1 <sup>h</sup> 48'38"	28 <sup>h</sup> 23' 27"	27 <sup>h</sup> 53' 17"	5 <sup>h</sup> 51' 23"	4 <sup>h</sup> 51' 23"	10 <sup>h</sup> 41' 24"	24 <sup>h</sup> 51' 2"	2 <sup>h</sup> 19' 2"	12 <sup>h</sup> 32' 13"	13 <sup>h</sup> 22' 22"	26 <sup>h</sup> 45' 22"	25 <sup>h</sup> 19' 22"	16 <sup>h</sup> 59' 22"	21 <sup>h</sup> 41' 22"	S 25
M26	0 18 10	2 <sup>h</sup> 47'03"	11 <sup>h</sup> 33'30"	28 <sup>h</sup> 32' 18"	4 <sup>h</sup> 47' 24"	4 <sup>h</sup> 25' 10"	10 <sup>h</sup> 49' 24"	24 <sup>h</sup> 58' 2"	2 <sup>h</sup> 20' 2"	12 <sup>h</sup> 31' 13"	13 <sup>h</sup> 23' 23"	26 <sup>h</sup> 39' 23"	25 <sup>h</sup> 16' 23"	17 <sup>h</sup> 5' 23"	21 <sup>h</sup> 38' 23"	M26
T 27	0 22 7	3 <sup>h</sup> 45'30"	24 <sup>h</sup> 16' 29"	29 <sup>h</sup> 7' 19"	4 <sup>h</sup> 41' 25"	6 <sup>h</sup> 10"	10 <sup>h</sup> 58' 25"	2 <sup>h</sup> 21' 2"	2 <sup>h</sup> 21' 2"	12 <sup>h</sup> 30' 13"	13 <sup>h</sup> 23' 23"	26 <sup>h</sup> 34' 23"	25 <sup>h</sup> 13' 23"	17 <sup>h</sup> 12' 23"	21 <sup>h</sup> 35' 23"	T 27
W28	0 26 3	4 <sup>h</sup> 44'00"	6 <sup>h</sup> 11'43"	29 <sup>h</sup> 37' 20"	3 <sup>h</sup> 36' 25"	4 <sup>h</sup> 46' 11"	11 <sup>h</sup> 6' 25"	2 <sup>h</sup> 22' 2"	2 <sup>h</sup> 22' 2"	12 <sup>h</sup> 29' 13"	13 <sup>h</sup> 24' 24"	26 <sup>h</sup> 29' 24"	25 <sup>h</sup> 10' 24"	17 <sup>h</sup> 19' 24"	21 <sup>h</sup> 33' 24"	W28
T 29	0 30 0	5 <sup>h</sup> 42'31"	18 <sup>h</sup> 54' 0 <sup>h</sup> 11'23"	21 <sup>h</sup> 29' 26"	7 <sup>h</sup> 17' 27"	11 <sup>h</sup> 15' 25"	11 <sup>h</sup> 15' 25"	2 <sup>h</sup> 23' 2"	2 <sup>h</sup> 23' 2"	12 <sup>h</sup> 28' 13"	13 <sup>h</sup> 24' 24"	26 <sup>h</sup> 26' 24"	25 <sup>h</sup> 6' 24"	17 <sup>h</sup> 25' 24"	21 <sup>h</sup> 30' 24"	T 29
F 30	0 33 57	6 <sup>h</sup> 41'04"	0 <sup>h</sup> 55'44"	0 <sup>h</sup> 11'23"	22 <sup>h</sup> 11'23"	27 <sup>h</sup> 11' 7"	11 <sup>h</sup> 15'24"	25 <sup>h</sup> 11'26"	2 <sup>h</sup> 24'24"	12 <sup>h</sup> 27'27"	13 <sup>h</sup> 24'24"	26 <sup>h</sup> 24'24"	25 <sup>h</sup> 3'24"	17 <sup>h</sup> 32'24"	21 <sup>h</sup> 28'24"	F 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	8n20	27n 5	5n 8	0n12	0n 5	10s16	1 s 8	14s38	0s30	20s58	0n37	6s30	2n17	23s35	0s14	16s42	0n10	17n36	5 s 8	12s26	12s37	26n 2	9n53	1n14					
F 2	7 58	27 55	4 45	0s32	0s 3	10 44	1 14	14 51	0 31	20 59	0 36	6 32	2 17	23 35	0 14	16 42	0 10	17 36	5 8	12 25	12 38	26 1	9 52	1 14					
S 3	7 36	27 27	4 11	1 15	0 11	11 12	1 19	15 4	0 32	21 0	0 36	6 35	2 17	23 35	0 14	16 43	0 10	17 36	5 8	12 25	12 39	25 59	9 52	1 14					
S 4	7 14	25 44	3 26	1 57	0 20	11 40	1 24	15 17	0 32	21 1	0 36	6 37	2 17	23 35	0 14	16 43	0 10	17 36	5 8	12 25	12 40	25 58	9 51	1 14					
M 5	6 52	22 53	2 32	2 39	0 28	12 8	1 30	15 29	0 33	21 2	0 36	6 39	2 17	23 35	0 14	16 44	0 10	17 36	5 8	12 24	12 41	25 57	9 50	1 14					
T 6	6 30	19 2	1 31	3 21	0 37	12 35	1 35	15 42	0 34	21 3	0 36	6 42	2 17	23 35	0 14	16 44	0 10	17 35	5 8	12 24	12 42	25 55	9 50	1 14					
W 7	6 8	14 21	0 26	4 2	0 46	13 2	1 41	15 54	0 34	21 4	0 35	6 44	2 17	23 35	0 14	16 44	0 10	17 35	5 8	12 24	12 43	25 54	9 49	1 14					
T 8	5 46	9 3	0s42	4 42	0 55	13 29	1 46	16 7	0 35	21 5	0 35	6 47	2 16	23 35	0 14	16 45	0 10	17 35	5 8	12 24	12 44	25 52	9 48	1 14					
F 9	5 23	3 18	1 49	5 21	1 3	13 56	1 52	16 19	0 36	21 6	0 35	6 49	2 16	23 35	0 14	16 45	0 10	17 35	5 9	12 24	12 45	25 51	9 47	1 14					
S 10	5 1	2s41	2 52	6 0	1 12	14 22	1 57	16 31	0 36	21 8	0 35	6 52	2 16	23 35	0 14	16 45	0 10	17 35	5 9	12 25	12 46	25 50	9 46	1 14					
S 11	4 38	8 39	3 47	6 38	1 21	14 49	2 3	16 44	0 37	21 9	0 35	6 54	2 16	23 35	0 14	16 46	0 10	17 35	5 9	12 26	12 47	25 48	9 46	1 14					
M12	4 16	14 21	4 30	7 16	1 30	15 14	2 9	16 56	0 38	21 10	0 34	6 56	2 16	23 35	0 14	16 46	0 10	17 35	5 9	12 27	12 48	25 47	9 45	1 13					
T 13	3 53	19 27	5 0	7 52	1 39	15 40	2 14	17 8	0 38	21 11	0 34	6 59	2 16	23 35	0 14	16 47	0 10	17 35	5 9	12 28	12 49	25 45	9 44	1 13					
W14	3 30	23 38	5 13	8 28	1 48	16 5	2 20	17 19	0 39	21 12	0 34	7 2	2 16	23 35	0 14	16 47	0 10	17 34	5 9	12 29	12 50	25 44	9 43	1 13					
T 15	3 7	26 32	5 9	9 2	1 57	16 30	2 26	17 31	0 40	21 13	0 34	7 4	2 16	23 35	0 14	16 47	0 9	17 34	5 9	12 29	12 52	25 42	9 42	1 13					
F 16	2 44	27 50	4 46	9 36	2 5	16 55	2 32	17 43	0 40	21 15	0 34	7 7	2 16	23 35	0 14	16 48	0 9	17 34	5 9	12 30	12 53	25 41	9 41	1 13					
S 17	2 22	27 20	4 6	10 9	2 14	17 19	2 37	17 54	0 41	21 16	0 34	7 9	2 15	23 35	0 14	16 48	0 9	17 34	5 9	12 30	12 54	25 39	9 40	1 13					
S 18	1 59	25 1	3 10	10 40	2 23	17 43	2 43	18 6	0 41	21 17	0 33	7 12	2 15	23 35	0 14	16 48	0 9	17 34	5 9	12 29	12 55	25 38	9 40	1 13					
M19	1 36	21 7	2 2	11 11	2 31	18 7	2 49	18 17	0 42	21 18	0 33	7 14	2 15	23 35	0 14	16 49	0 9	17 34	5 9	12 29	12 56	25 36	9 39	1 13					
T 20	1 13	15 56	0 46	11 40	2 39	18 30	2 55	18 28	0 43	21 20	0 33	7 17	2 15	23 35	0 14	16 49	0 9	17 34	5 9	12 28	12 57	25 35	9 38	1 13					
W21	0 49	9 53	0n32	12 8	2 47	18 53	3 0	18 40	0 43	21 21	0 33	7 19	2 15	23 35	0 14	16 49	0 9	17 34	5 9	12 28	12 58	25 33	9 37	1 13					
T 22	0 26	3 24	1 48	12 35	2 55	19 15	3 6	18 51	0 44	21 22	0 33	7 22	2 15	23 35	0 14	16 49	0 9	17 34	5 9	12 29	12 59	25 32	9 36	1 13					
F 23	0 3	3n 9	2 56	13 0	3 3	19 38	3 12	19 1	0 44	21 24	0 32	7 25	2 15	23 35	0 14	16 50	0 9	17 33	5 9	12 30	13 0	25 30	9 35	1 13					
S 24	0s20	9 26	3 52	13 23	3 10	19 59	3 18	19 12	0 45	21 25	0 32	7 27	2 15	23 35	0 14	16 50	0 9	17 33	5 9	12 31	13 1	25 29	9 34	1 13					
S 25	0 43	15 7	4 34	13 45	3 17	20 21	3 23	19 23	0 45	21 26	0 32	7 30	2 15	23 35	0 14	16 50	0 9	17 33	5 9	12 33	13 2	25 27	9 33	1 13					
M26	1 6	19 59	5 0	14 5	3 23	20 42	3 29	19 33	0 46	21 28	0 32	7 32	2 15	23 35	0 14	16 51	0 9	17 33	5 10	12 35	13 3	25 26	9 32	1 13					
T 27	1 29	23 47	5 10	14 23	3 29	21 2	3 35	19 44	0 47	21 29	0 32	7 35	2 15	23 34	0 14	16 51	0 9	17 33	5 10	12 37	13 4	25 24	9 31	1 13					
W28	1 52	26 23	5 6	14 39	3 35	21 23	3 40	19 54	0 47	21 30	0 32	7 38	2 15	23 34	0 14	16 51	0 9	17 33	5 10	12 39	13 5	25 23	9 30	1 13					
T 29	2 16	27 40	4 47	14 52	3 40	21 42	3 46	20 4	0 48	21 32	0 31	7 40	2 14	23 34	0 14	16 51	0 9	17 33	5 10	12 40	13 6	25 21	9 29	1 13					
F 30	2s39	27n38	4n16	15s 3	3s44	22s 2	3s51	20s14	0s48	21s33	0n31	7s43	2n14	23s34	0s14	16s52	0n 9	17n33	5s10	12s40	13s 8	25n19	9n28	1n13					

## ASTRODIENST EPHEMERIS for the year 2659

OCTOBER 2659

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 37 53	7♏39'40	12♏46	0♏38	23♏15	27♏48	11♏33	25♏33	2♏25	12°R27	13♏25	26°D24	25♏0	17♏39	21°R25	S 1
S 2	0 41 50	8°38'18	24°36	0°47	24° 7	28°29	11°42	25°40	2°26	12°26	13°25	26°25	24°57	17°45	21°Y23	S 2
M 3	0 45 46	9°36'58	6♏29	0°R49	24°58	29°10	11°51	25°47	2°27	12°25	13°25	26°27	24°54	17°52	21°20	M 3
T 4	0 49 43	10°35'40	18°29	0°46	25°49	29°51	12° 0	25°55	2°28	12°25	13°25	26°28	24°50	17°59	21°17	T 4
W 5	0 53 39	11°34'24	0♏42	0°35	26°39	0♏32	12°10	26° 2	2°29	12°24	13°26	26°R28	24°47	18° 5	21°15	W 5
T 6	0 57 36	12°33'10	13°10	0°17	27°28	1°13	12°19	26° 9	2°30	12°23	13°26	26°27	24°44	18°12	21°12	T 6
F 7	1 1 32	13°31'58	25°57	29♏52	28°17	1°54	12°29	26°16	2°32	12°23	13°26	26°23	24°41	18°19	21° 9	F 7
S 8	1 5 29	14°30'48	9♏ 2	29°20	29° 5	2°36	12°38	26°24	2°33	12°22	13°26	26°18	24°38	18°25	21° 6	S 8
S 9	1 9 25	15°29'41	22°26	28°40	29°52	3°17	12°48	26°31	2°34	12°22	13°26	26°10	24°35	18°32	21° 4	S 9
M10	1 13 22	16°28'35	6♏ 7	27°53	0♏38	3°59	12°58	26°38	2°36	12°21	13°26	26° 2	24°31	18°39	21° 1	M10
T 11	1 17 19	17°27'31	20° 1	26°59	1°23	4°40	13° 8	26°45	2°37	12°21	13°26	25°53	24°28	18°45	20°58	T 11
W12	1 21 15	18°26'29	4♏ 4	26° 0	2° 7	5°22	13°18	26°53	2°39	12°20	13°26	25°46	24°25	18°52	20°56	W12
T 13	1 25 12	19°25'29	18°13	24°56	2°51	6° 4	13°29	27° 0	2°41	12°20	13°26	25°40	24°22	18°59	20°53	T 13
F 14	1 29 8	20°24'31	2♏23	23°49	3°33	6°46	13°39	27° 8	2°42	12°19	13°R26	25°36	24°19	19° 5	20°50	F 14
S 15	1 33 5	21°23'34	16°33	22°40	4°15	7°28	13°49	27°15	2°44	12°19	13°26	25°D35	24°16	19°12	20°48	S 15
S 16	1 37 1	22°22'39	0♏41	21°31	4°55	8°10	14° 0	27°22	2°46	12°19	13°26	25°35	24°12	19°19	20°45	S 16
M17	1 40 58	23°21'46	14°45	20°23	5°35	8°52	14°10	27°30	2°47	12°19	13°26	25°36	24° 9	19°25	20°42	M17
T 18	1 44 55	24°20'54	28°45	19°20	6°13	9°34	14°21	27°37	2°49	12°18	13°26	25°R36	24° 6	19°32	20°39	T 18
W19	1 48 51	25°20'04	12♏39	18°21	6°50	10°16	14°32	27°44	2°51	12°18	13°26	25°35	24° 3	19°39	20°37	W19
T 20	1 52 48	26°19'16	26°26	17°30	7°25	10°59	14°43	27°52	2°53	12°18	13°26	25°31	24° 0	19°45	20°34	T 20
F 21	1 56 44	27°18'29	10♏ 3	16°47	8° 0	11°41	14°54	27°59	2°55	12°18	13°26	25°25	23°56	19°52	20°31	F 21
S 22	2 0 41	28°17'45	23°29	16°14	8°33	12°24	15° 5	28° 6	2°57	12°18	13°26	25°16	23°53	19°59	20°29	S 22
S 23	2 4 37	29°17'02	6♏40	15°52	9° 5	13° 6	15°16	28°14	2°59	12°18	13°26	25° 5	23°50	20° 5	20°26	S 23
M24	2 8 34	0♏16'22	19°36	15°40	9°35	13°49	15°27	28°21	3° 1	12°18	13°25	24°54	23°47	20°12	20°23	M24
T 25	2 12 30	1°15'44	2♏15	15°D39	10° 3	14°32	15°38	28°29	3° 3	12°D18	13°25	24°42	23°44	20°19	20°21	T 25
W26	2 16 27	2°15'08	14°39	15°49	10°30	15°14	15°50	28°36	3° 5	12°18	13°25	24°32	23°41	20°25	20°18	W26
T 27	2 20 23	3°14'34	26°48	16°10	10°56	15°57	16° 1	28°43	3° 8	12°18	13°25	24°24	23°37	20°32	20°15	T 27
F 28	2 24 20	4°14'03	8♏46	16°40	11°20	16°40	16°13	28°51	3°10	12°18	13°24	24°19	23°34	20°39	20°13	F 28
S 29	2 28 17	5°13'33	20°37	17°20	11°42	17°23	16°24	28°58	3°12	12°18	13°24	24°15	23°31	20°45	20°10	S 29
S 30	2 32 13	6°13'06	2♏25	18° 8	12° 2	18° 6	16°36	29° 5	3°15	12°18	13°24	24°D14	23°28	20°52	20° 8	S 30
M31	2 36 10	7♏12'41	14♏17	19♏ 4	12♏20	18♏50	16♏48	29♏13	3♏17	12°18	13°23	24°14	23°25	20°59	20°Y 5	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	3s 2	26n19	3n35	15s12	3s47	22s21	3s57	20s23	0s49	21s35	0n31	7s45	2n14	23s34	0s14	16s52	0n 9	17n33	5s10	12s40	13s 9	25n18	9n27	1n13			
S 2	3 25	23 49	2 44	15 17	3 50	22 39	4 3	20 33	0 49	21 36	0 31	7 48	2 14	23 34	0 14	16 52	0 9	17 32	5 10	12 40	13 10	25 16	9 26	1 13			
M 3	3 48	20 18	1 46	15 20	3 51	22 57	4 8	20 43	0 50	21 37	0 31	7 51	2 14	23 34	0 14	16 52	0 9	17 32	5 10	12 39	13 11	25 15	9 25	1 13			
T 4	4 11	15 55	0 43	15 19	3 52	23 15	4 13	20 52	0 50	21 39	0 31	7 53	2 14	23 34	0 14	16 52	0 9	17 32	5 10	12 39	13 12	25 13	9 24	1 12			
W 5	4 34	10 50	0s23	15 15	3 51	23 32	4 19	21 1	0 51	21 40	0 30	7 56	2 14	23 34	0 14	16 53	0 9	17 32	5 10	12 39	13 13	25 11	9 23	1 12			
T 6	4 57	5 13	1 29	15 6	3 49	23 49	4 24	21 10	0 51	21 41	0 30	7 59	2 14	23 34	0 14	16 53	0 9	17 32	5 10	12 39	13 14	25 10	9 22	1 12			
F 7	5 19	0s43	2 32	14 54	3 45	24 5	4 29	21 19	0 52	21 43	0 30	8 1	2 14	23 34	0 14	16 53	0 9	17 32	5 10	12 41	13 15	25 8	9 21	1 12			
S 8	5 42	6 46	3 29	14 38	3 40	24 21	4 34	21 28	0 52	21 44	0 30	8 4	2 14	23 34	0 14	16 53	0 9	17 32	5 10	12 43	13 16	25 7	9 19	1 12			
S 9	6 5	12 39	4 15	14 17	3 33	24 36	4 39	21 36	0 53	21 46	0 30	8 7	2 14	23 34	0 14	16 53	0 9	17 32	5 10	12 45	13 17	25 5	9 18	1 12			
M10	6 27	18 2	4 48	13 52	3 25	24 51	4 44	21 44	0 53	21 47	0 30	8 9	2 14	23 34	0 14	16 53	0 9	17 32	5 10	12 48	13 18	25 3	9 17	1 12			
T 11	6 50	22 34	5 5	13 23	3 14	25 5	4 49	21 53	0 54	21 48	0 30	8 12	2 14	23 34	0 14	16 54	0 9	17 32	5 11	12 51	13 19	25 2	9 16	1 12			
W12	7 12	25 51	5 3	12 50	3 2	25 19	4 54	22 1	0 54	21 50	0 29	8 15	2 14	23 34	0 14	16 54	0 9	17 32	5 11	12 53	13 20	25 0	9 15	1 12			
T 13	7 35	27 32	4 43	12 13	2 47	25 32	4 59	22 8	0 55	21 51	0 29	8 17	2 14	23 34	0 14	16 54	0 9	17 32	5 11	12 55	13 21	24 58	9 14	1 12			
F 14	7 57	27 26	4 6	11 34	2 32	25 45	5 3	22 16	0 55	21 53	0 29	8 20	2 14	23 34	0 14	16 54	0 9	17 32	5 11	12 56	13 22	24 57	9 13	1 12			
S 15	8 19	25 32	3 13	10 52	2 14	25 57	5 8	22 23	0 55	21 54	0 29	8 22	2 14	23 34	0 14	16 54	0 9	17 31	5 11	12 57	13 23	24 55	9 12	1 12			
S 16	8 41	22 2	2 9	10 8	1 55	26 9	5 12	22 31	0 56	21 55	0 29	8 25	2 14	23 34	0 14	16 54	0 9	17 31	5 11	12 57	13 24	24 53	9 11	1 12			
M17	9 3	17 16	0 58	9 25	1 36	26 20	5 16	22 38	0 56	21 57	0 29	8 28	2 14	23 34	0 14	16 54	0 9	17 31	5 11	12 57	13 25	24 52	9 10	1 12			
T 18	9 24	11 36	0n17	8 42	1 15	26 31	5 20	22 45	0 57	21 58	0 29	8 30	2 14	23 34	0 14	16 54	0 9	17 31	5 11	12 57	13 27	24 50	9 9	1 12			
W19	9 46	5 24	1 30	8 1	0 55	26 42	5 24	22 51	0 57	22 0	0 28	8 33	2 14	23 34	0 14	16 54	0 9	17 31	5 11	12 57	13 28	24 48	9 8	1 11			
T 20	10 7	0n59	2 37	7 22	0 34	26 51	5 28	22 58	0 58	22 1	0 28	8 36	2 14	23 34	0 14	16 54	0 9	17 31	5 11	12 58	13 29	24 47	9 6	1 11			
F 21	10 29	7 15	3 34	6 48	0 14	27 0	5 31	23 4	0 58	22 2	0 28	8 38	2 14	23 34	0 14	16 55	0 9	17 31	5 11	13 0	13 30	24 45	9 5	1 11			
S 22	10 50	13 5	4 18	6 17	0n 5	27 9	5 34	23 10	0 58	22 4	0 28	8 41	2 14	23 34	0 14	16 55	0 9	17 31	5 11	13 3	13 31	24 43	9 4	1 11			
S 23	11 11	18 13	4 47	5 52	0 23	27 17	5 37	23 16	0 59	22 5	0 28	8 43	2 14	23 34	0 14	16 55	0 9	17 31	5 11	13 7	13 32	24 41	9 3	1 11			
M24	11 32	22 24	5 1	5 32	0 40	27 25	5 40	23 21	0 59	22 6	0 28	8 46	2 14	23 34	0 14	16 55	0 9	17 31	5 11	13 11	13 33	24 40	9 2	1 11			
T 25	11 52	25 26	5 0	5 17	0 55	27 32	5 43	23 27	1 0	22 8	0 28	8 49	2 14	23 34	0 14	16 55	0 9	17 31	5 11	13 15	13 34	24 38	9 1	1 11			
W26	12 13	27 11	4 44	5 8	1 9	27 38	5 45	23 32	1 0	22 9	0 27	8 51	2 14	23 33	0 14	16 55	0 9	17 31	5 12	13 18	13 35	24 36	9 0	1 11			
T 27	12 33	27 35	4 16	5 5	1 21	27 44	5 47	23 37	1 0	22 10	0 27	8 54	2 14	23 33	0 14	16 55	0 9	17 31	5 12	13 21	13 36	24 34	8 59	1 11			
F 28	12 53	26 41	3 37	5 7	1 32	27 49	5 49	23 42	1 1	22 12	0 27	8 56	2 14	23 33	0 14	16 55	0 9	17 31	5 12	13 22	13 37	24 33	8 58	1 11			
S 29	13 13	24 34	2 49	5 14	1 41	27 54	5 51	23 46	1 1	22 13	0 27	8 59	2 14	23 33	0 14	16 55	0 9	17 31	5 12	13 23	13 38	24 31	8 57	1 11			
S 30	13 33	21 23	1 53	5 25	1 48	27 58	5 52	23 51	1 1	22 14	0 27	9 1	2 14	23 33	0 14	16 55	0 9	17 31	5 12	13 24	13 39	24 29	8 56	1 11			
M31	13s52	17n20	0n53	5s40	1n54	28s 1	5s53	23s55	1s 2	22s16	0n27	9s 4	2n14	23s33	0s14	16s55	0n 9	17n31	5s12	13s24	13s40	24n27	8n55	1n13			

# ASTRODIENST EPHEMERIS for the year 2659

NOVEMBER 2659

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 40 6	8♈12°18'	26♊17°	20♋7°	12♌37°	19♍33°	16♎59°	29♏20°	3♐19°	12♑18°	13♒23°	24♓15°	23♈22°	21♉5°	20♊2°	T 1
W 2	2 44 3	9♈11°58'	8♈31°	21°15'	12°51'	20°16'	17°11'	29°27'	3°22'	12°19'	13♒22°	24♓14°	23°18'	21°12'	20♊0°	W 2
T 3	2 47 59	10°11'39"	21° 4'	22°29'	13° 4'	21° 0'	17°23'	29°35'	3°24'	12°19'	13°22'	24°11'	23°15'	21°19'	19°57'	T 3
F 4	2 51 56	11°11'23"	3♋59°	23°48'	13°14'	21°43'	17°35'	29°42'	3°27'	12°19'	13°22'	24° 6'	23°12'	21°25'	19°55'	F 4
S 5	2 55 52	12°11'09"	17°18'	25°11'	13°22'	22°27'	17°47'	29°49'	3°29'	12°20'	13°21'	23°57'	23° 9'	21°32'	19°52'	S 5
S 6	2 59 49	13°10'57"	1♈ 1°	26°36'	13°28'	23°11'	17°59'	29°57'	3°32'	12°20'	13°21'	23°47'	23° 6'	21°39'	19°50'	S 6
M 7	3 3 46	14°10'47"	15° 6'	28° 5'	13°31'	23°54'	18°12'	0♈ 4'	3°35'	12°20'	13°20'	23°35'	23° 2'	21°45'	19°48'	M 7
T 8	3 7 42	15°10'39"	29°27'	29°36'	13°R33'	24°38'	18°24'	0°11'	3°37'	12°21'	13°19'	23°23'	22°59'	21°52'	19°45'	T 8
W 9	3 11 39	16°10'33"	13♌58°	1♈ 8°	13°32'	25°22'	18°36'	0°18'	3°40'	12°21'	13°19'	23°12'	22°56'	21°59'	19°43'	W 9
T 10	3 15 35	17°10'29"	28°32'	2°42'	13°28'	26° 6'	18°49'	0°25'	3°43'	12°22'	13°18'	23° 3'	22°53'	22° 5'	19°40'	T 10
F 11	3 19 32	18°10'26"	13♌ 3°	4°17'	13°22'	26°50'	19° 1'	0°33'	3°46'	12°23'	13°18'	22°57'	22°50'	22°12'	19°38'	F 11
S 12	3 23 28	19°10'25"	27°26'	5°54'	13°14'	27°34'	19°13'	0°40'	3°48'	12°23'	13°17'	22°54'	22°47'	22°19'	19°36'	S 12
S 13	3 27 25	20°10'26"	11♈37°	7°31'	13° 3'	28°18'	19°26'	0°47'	3°51'	12°24'	13°16'	22°53'	22°43'	22°25'	19°34'	S 13
M14	3 31 22	21°10'28"	25°36'	9° 8'	12°50'	29° 2'	19°39'	0°54'	3°54'	12°24'	13°16'	22°53'	22°40'	22°32'	19°31'	M14
T 15	3 35 18	22°10'31"	9♈23°	10°46'	12°34'	29°47'	19°51'	1° 1'	3°57'	12°25'	13°15'	22°52'	22°37'	22°39'	19°29'	T 15
W16	3 39 15	23°10'36"	22°59'	12°24'	12°16'	0♌31°	20° 4'	1° 8'	4° 0'	12°26'	13°14'	22°50'	22°34'	22°45'	19°27'	W16
T 17	3 43 11	24°10'43"	6♈23°	14° 2'	11°56'	1°15'	20°17'	1°15'	4° 3'	12°27'	13°14'	22°45'	22°31'	22°52'	19°25'	T 17
F 18	3 47 8	25°10'51"	19°36'	15°40'	11°33'	2° 0'	20°29'	1°22'	4° 6'	12°27'	13°13'	22°38'	22°28'	22°59'	19°23'	F 18
S 19	3 51 4	26°11'00"	2♈39°	17°18'	11° 9'	2°45'	20°42'	1°29'	4° 9'	12°28'	13°12'	22°27'	22°24'	23° 5'	19°21'	S 19
S 20	3 55 1	27°11'12"	15°30'	18°56'	10°42'	3°29'	20°55'	1°36'	4°12'	12°29'	13°11'	22°14'	22°21'	23°12'	19°19'	S 20
M21	3 58 57	28°11'25"	28° 9'	20°33'	10°13'	4°14'	21° 8'	1°43'	4°15'	12°30'	13°11'	22° 0'	22°18'	23°19'	19°17'	M21
T 22	4 2 54	29°11'40"	10♈36°	22°11'	9°43'	4°59'	21°21'	1°50'	4°18'	12°31'	13°10'	21°46'	22°15'	23°25'	19°15'	T 22
W23	4 6 51	0♌11°56'	22°50'	23°48'	9°11'	5°43'	21°34'	1°57'	4°22'	12°32'	13° 9'	21°34'	22°12'	23°32'	19°13'	W23
T 24	4 10 47	1°12'15"	4♌54°	25°25'	8°38'	6°28'	21°47'	2° 3'	4°25'	12°33'	13° 8'	21°24'	22° 8'	23°39'	19°11'	T 24
F 25	4 14 44	2°12'35"	16°49'	27° 2'	8° 4'	7°13'	22° 0'	2°10'	4°28'	12°34'	13° 7'	21°16'	22° 5'	23°45'	19° 9'	F 25
S 26	4 18 40	3°12'57"	28°38'	28°39'	7°28'	7°58'	22°13'	2°17'	4°31'	12°35'	13° 6'	21°12'	22° 2'	23°52'	19° 7'	S 26
S 27	4 22 37	4°13'20"	10♈24°	0♌15°	6°53'	8°43'	22°26'	2°23'	4°34'	12°36'	13° 6'	21° 9'	21°59'	23°59'	19° 6'	S 27
M28	4 26 33	5°13'46"	22°14'	1°51'	6°16'	9°28'	22°39'	2°30'	4°38'	12°37'	13° 5'	21°D 9'	21°56'	24° 5'	19° 4'	M28
T 29	4 30 30	6°14'13"	4♈12°	3°27'	5°40'	10°13'	22°53'	2°37'	4°41'	12°38'	13° 4'	21°R 9'	21°53'	24°12'	19° 2'	T 29
W30	4 34 26	7♈14°42'	16♈23°	5♈ 3°	5♈ 3°	10♌59°	23♈ 6°	2♈43°	4♈44°	12♈39°	13♈ 3°	21♈ 9°	21♈49°	24♈19°	19♈ 1°	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	14s12	12n32	0s11	6s 0	1n59	28s 4	5s53	23s59	1s 2	22s17	0n27	9s 6	2n14	23s33	0s14	T 1
W 2	14 31	7 11	1 15	6 22	2 2	28 6	5 54	24 2	1 2	22 18	0 26	9 9	2 14	23 33	0 14	W 2
T 3	14 49	1 26	2 17	6 48	2 5	28 8	5 53	24 6	1 3	22 19	0 26	9 12	2 14	23 33	0 14	T 3
F 4	15 8	4s33	3 14	7 15	2 6	28 8	5 53	24 9	1 3	22 21	0 26	9 14	2 14	23 33	0 14	F 4
S 5	15 26	10 30	4 2	7 45	2 6	28 8	5 52	24 12	1 3	22 22	0 26	9 16	2 14	23 33	0 14	S 5
S 6	15 44	16 7	4 37	8 17	2 5	28 8	5 50	24 14	1 4	22 23	0 26	9 19	2 14	23 33	0 14	S 6
M 7	16 2	21 2	4 57	8 50	2 3	28 6	5 48	24 17	1 4	22 24	0 26	9 21	2 14	23 33	0 14	M 7
T 8	16 20	24 49	4 59	9 24	2 1	28 4	5 46	24 19	1 4	22 25	0 26	9 24	2 14	23 33	0 14	T 8
W 9	16 37	27 3	4 41	9 59	1 58	28 1	5 43	24 21	1 4	22 27	0 26	9 26	2 14	23 33	0 14	W 9
T 10	16 54	27 26	4 5	10 34	1 54	27 57	5 39	24 23	1 5	22 28	0 26	9 29	2 14	23 33	0 14	T 10
F 11	17 11	25 56	3 14	11 10	1 50	27 52	5 35	24 24	1 5	22 29	0 25	9 31	2 15	23 32	0 14	F 11
S 12	17 27	22 44	2 10	11 46	1 46	27 46	5 30	24 25	1 5	22 30	0 25	9 34	2 15	23 32	0 14	S 12
S 13	17 44	18 11	0 59	12 23	1 41	27 39	5 25	24 26	1 6	22 31	0 25	9 36	2 15	23 32	0 14	S 13
M14	17 59	12 43	0n14	12 59	1 36	27 32	5 19	24 27	1 6	22 32	0 25	9 38	2 15	23 32	0 14	M14
T 15	18 15	6 41	1 26	13 35	1 30	27 23	5 12	24 27	1 6	22 33	0 25	9 41	2 15	23 32	0 14	T 15
W16	18 30	0 27	2 32	14 10	1 24	27 14	5 5	24 28	1 6	22 34	0 25	9 43	2 15	23 32	0 14	W16
T 17	18 45	5n43	3 28	14 45	1 18	27 3	4 57	24 27	1 7	22 35	0 25	9 45	2 15	23 32	0 14	T 17
F 18	19 0	11 32	4 12	15 20	1 12	26 51	4 49	24 27	1 7	22 36	0 25	9 48	2 15	23 32	0 14	F 18
S 19	19 14	16 46	4 42	15 54	1 5	26 39	4 39	24 27	1 7	22 37	0 24	9 50	2 15	23 32	0 14	S 19
S 20	19 28	21 10	4 58	16 27	0 59	26 25	4 29	24 26	1 7	22 38	0 24	9 52	2 15	23 32	0 14	S 20
M21	19 41	24 31	4 58	16 59	0 52	26 10	4 19	24 25	1 7	22 39	0 24	9 55	2 15	23 32	0 14	M21
T 22	19 54	26 39	4 44	17 31	0 45	25 55	4 8	24 23	1 8	22 40	0 24	9 57	2 16	23 31	0 14	T 22
W23	20 7	27 26	4 17	18 2	0 39	25 38	3 56	24 22	1 8	22 41	0 24	9 59	2 16	23 31	0 14	W23
T 24	20 20	26 55	3 39	18 32	0 32	25 21	3 43	24 20	1 8	22 42	0 24	10 1	2 16	23 31	0 14	T 24
F 25	20 32	25 8	2 51	19 2	0 25	25 2	3 30	24 18	1 8	22 43	0 24	10 3	2 16	23 31	0 14	F 25
S 26	20 44	22 16	1 56	19 30	0 18	24 43	3 17	24 15	1 8	22 44	0 24	10 6	2 16	23 31	0 14	S 26
S 27	20 55	18 29	0 57	19 57	0 11	24 23	3 3	24 13	1 8	22 45	0 24	10 8	2 16	23 31	0 14	S 27
M28	21 6	13 58	0s 6	20 24	0 4	24 3	2 49	24 10	1 9	22 46	0 24	10 10	2 16	23 31	0 14	M28
T 29	21 16	8 52	1 9	20 49	0s 3	23 42	2 34	24 6	1 9	22 46	0 23	10 12	2 16	23 31	0 14	T 29
W30	21s27	3n21	2s10	21s13	0s 9	23s21	2s19	24s 3	1s 9	22s47	0n23	10s14	2n16	23s31	0s14	W30

Julian Day Number = 2692543.5, Delta T = 24m17s  
 Ecliptic obliquity = 23°21'20", Nutation = 0°00'09"  
 Ayanamsha: Fagan/Bradley = 33°58'13", Lahiri = 33°05'13"

## ASTRODIENST EPHEMERIS for the year 2659

DECEMBER 2659

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 38 23	8°15'13	28°54	6°38	4°R27	11°344	23°19	2°50	4°38	12°41	13°R 2	21°R 7	21°46	24°25	18°R59	T 1
F 2	4 42 20	9°15'46	11°48	8°13	3°52	12°29	23°32	2°56	4°51	12°42	13°1	21°3	21°43	24°32	18°Y58	F 2
S 3	4 46 16	10°16'20	25°10	9°48	3°17	13°15	23°46	3° 3	4°54	12°43	13° 0	20°56	21°40	24°39	18°56	S 3
S 4	4 50 13	11°16'56	9°0	11°23	2°43	14° 0	23°59	3° 9	4°58	12°44	12°59	20°47	21°37	24°45	18°55	S 4
M 5	4 54 9	12°17'34	23°17	12°58	2°11	14°46	24°12	3°15	5° 1	12°46	12°58	20°36	21°33	24°52	18°53	M 5
T 6	4 58 6	13°18'14	7°56	14°32	1°40	15°31	24°26	3°21	5° 5	12°47	12°57	20°25	21°30	24°59	18°52	T 6
W 7	5 2 2	14°18'54	22°50	16° 6	1°11	16°17	24°39	3°28	5° 8	12°48	12°56	20°15	21°27	25° 5	18°51	W 7
T 8	5 5 59	15°19'37	7°349	17°40	0°43	17° 3	24°53	3°34	5°12	12°50	12°55	20° 7	21°24	25°12	18°50	T 8
F 9	5 9 55	16°20'20	22°45	19°14	0°18	17°48	25° 6	3°40	5°15	12°51	12°54	20° 2	21°21	25°19	18°48	F 9
S 10	5 13 52	17°21'04	7°29	20°48	29°54	18°34	25°19	3°46	5°19	12°53	12°53	19°59	21°18	25°25	18°47	S 10
S 11	5 17 49	18°21'49	21°57	22°22	29°33	19°20	25°33	3°52	5°22	12°54	12°52	19°D58	21°14	25°32	18°46	S 11
M12	5 21 45	19°22'35	6°5	23°56	29°14	20° 6	25°46	3°58	5°26	12°56	12°51	19°59	21°11	25°39	18°45	M12
T 13	5 25 42	20°23'22	19°53	25°30	28°57	20°52	26° 0	4° 4	5°29	12°57	12°50	19°R59	21° 8	25°45	18°44	T 13
W14	5 29 38	21°24'10	3°Y23	27° 4	28°43	21°38	26°13	4°10	5°33	12°59	12°48	19°59	21° 5	25°52	18°43	W14
T 15	5 33 35	22°24'59	16°35	28°37	28°31	22°24	26°27	4°15	5°36	13° 0	12°47	19°56	21° 2	25°59	18°42	T 15
F 16	5 37 31	23°25'48	29°32	0°311	28°22	23°10	26°40	4°21	5°40	13° 2	12°46	19°50	20°59	26° 5	18°42	F 16
S 17	5 41 28	24°26'39	12°816	1°44	28°15	23°56	26°54	4°27	5°43	13° 4	12°45	19°43	20°55	26°12	18°41	S 17
S 18	5 45 24	25°27'30	24°48	3°18	28°11	24°42	27° 8	4°32	5°47	13° 5	12°44	19°33	20°52	26°19	18°40	S 18
M19	5 49 21	26°28'22	7°II10	4°52	28°D 9	25°28	27°21	4°38	5°51	13° 7	12°43	19°23	20°49	26°25	18°40	M19
T 20	5 53 18	27°29'15	19°22	6°25	28° 9	26°15	27°35	4°43	5°54	13° 9	12°42	19°12	20°46	26°32	18°39	T 20
W21	5 57 14	28°30'09	1°26	7°59	28°12	27° 1	27°48	4°48	5°58	13°11	12°40	19° 3	20°43	26°39	18°38	W21
T 22	6 1 11	29°31'04	13°23	9°32	28°18	27°47	28° 2	4°54	6° 2	13°12	12°39	18°55	20°40	26°45	18°38	T 22
F 23	6 5 4	0°32'00	25°14	11° 6	28°26	28°34	28°15	4°59	6° 5	13°14	12°38	18°50	20°36	26°52	18°37	F 23
S 24	6 9 4	1°32'57	7°91	12°39	28°36	29°20	28°29	5° 4	6° 9	13°16	12°37	18°47	20°33	26°59	18°37	S 24
S 25	6 13 0	2°33'55	18°48	14°13	28°48	0°7	28°42	5° 9	6°12	13°18	12°36	18°D46	20°30	27° 5	18°37	S 25
M26	6 16 57	3°34'54	0°838	15°46	29° 2	0°53	28°56	5°14	6°16	13°20	12°35	18°47	20°27	27°12	18°36	M26
T 27	6 20 54	4°35'53	12°35	17°19	29°19	1°40	29° 9	5°19	6°20	13°21	12°33	18°48	20°24	27°19	18°36	T 27
W28	6 24 50	5°36'54	24°44	18°52	29°37	2°26	29°23	5°24	6°23	13°23	12°32	18°50	20°20	27°25	18°36	W28
T 29	6 28 47	6°37'55	7°11	20°25	29°58	3°13	29°37	5°29	6°27	13°25	12°31	18°R50	20°17	27°32	18°36	T 29
F 30	6 32 43	7°38'58	20° 0	21°57	0°20	4° 0	29°50	5°33	6°31	13°27	12°30	18°49	20°14	27°39	18°36	F 30
S 31	6 36 40	8°34'01	3°15	23°29	0°44	4°46	0°34	5°138	6°34	13°29	12°29	18°47	20°11	27°45	18°D36	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	21s36	2s25	3s 6	21s36	0s16	22s59	2s 4	23s59	1s 9	22s48	0n23	10s16	2n17	23s30	0s14	T 1
F 2	21 46	8 16	3 55	21 59	0 23	22 37	1 48	23 55	1 9	22 49	0 23	10 18	2 17	23 30	0 14	F 2
S 3	21 55	13 56	4 33	22 20	0 29	22 15	1 33	23 51	1 9	22 50	0 23	10 20	2 17	23 30	0 14	S 3
S 4	22 3	19 7	4 56	22 40	0 36	21 54	1 17	23 46	1 9	22 50	0 23	10 22	2 17	23 30	0 14	S 4
M 5	22 11	23 24	5 2	22 58	0 42	21 32	1 2	23 42	1 10	22 51	0 23	10 24	2 17	23 30	0 14	M 5
T 6	22 19	26 18	4 49	23 16	0 48	21 11	0 46	23 37	1 10	22 52	0 23	10 26	2 17	23 30	0 14	T 6
W 7	22 26	27 25	4 16	23 32	0 55	20 50	0 31	23 31	1 10	22 52	0 23	10 28	2 17	23 30	0 14	W 7
T 8	22 33	26 32	3 25	23 48	1 1	20 29	0 16	23 26	1 10	22 53	0 23	10 30	2 18	23 30	0 14	T 8
F 9	22 39	23 44	2 20	24 1	1 6	20 9	0 1	23 20	1 10	22 53	0 22	10 32	2 18	23 29	0 14	F 9
S 10	22 45	19 24	1 6	24 14	1 12	19 50	0n14	23 14	1 10	22 54	0 22	10 34	2 18	23 29	0 14	S 10
S 11	22 51	13 59	0n11	24 26	1 18	19 32	0 28	23 7	1 10	22 55	0 22	10 36	2 18	23 29	0 14	S 11
M12	22 56	7 56	1 25	24 36	1 23	19 14	0 42	23 1	1 10	22 55	0 22	10 38	2 18	23 29	0 14	M12
T 13	23 1	1 39	2 33	24 45	1 28	18 57	0 55	22 54	1 10	22 56	0 22	10 39	2 18	23 29	0 14	T 13
W14	23 5	4n34	3 31	24 52	1 33	18 42	1 8	22 47	1 10	22 56	0 22	10 41	2 18	23 29	0 14	W14
T 15	23 8	10 26	4 16	24 59	1 38	18 27	1 21	22 39	1 10	22 57	0 22	10 43	2 19	23 29	0 14	T 15
F 16	23 12	15 44	4 47	25 4	1 42	18 13	1 33	22 32	1 10	22 57	0 22	10 45	2 19	23 28	0 14	F 16
S 17	23 14	20 16	5 3	25 7	1 47	18 0	1 45	22 24	1 10	22 57	0 22	10 46	2 19	23 28	0 14	S 17
S 18	23 17	23 49	5 4	25 10	1 51	17 48	1 56	22 16	1 10	22 58	0 22	10 48	2 19	23 28	0 14	S 18
M19	23 18	26 13	4 51	25 11	1 55	17 37	2 7	22 7	1 10	22 58	0 22	10 50	2 19	23 28	0 14	M19
T 20	23 20	27 40	4 25	25 10	1 58	17 27	2 17	21 59	1 10	22 58	0 22	10 51	2 20	23 28	0 14	T 20
W21	23 21	27 8	3 47	25 8	2 1	17 18	2 27	21 50	1 10	22 59	0 21	10 53	2 20	23 28	0 14	W21
T 22	23 21	25 39	2 59	25 5	2 4	17 11	2 36	21 41	1 10	22 59	0 21	10 55	2 20	23 28	0 14	T 22
F 23	23 21	23 3	2 4	25 0	2 7	17 4	2 45	21 31	1 10	22 59	0 21	10 56	2 20	23 27	0 14	F 23
S 24	23 21	19 28	1 3	24 54	2 9	16 58	2 53	21 22	1 10	23 0	0 21	10 58	2 20	23 27	0 14	S 24
S 25	23 20	15 8	0s 0	24 46	2 11	16 53	3 1	21 12	1 10	23 0	0 21	10 59	2 21	23 27	0 14	S 25
M26	23 18	10 13	1 4	24 38	2 13	16 48	3 8	21 2	1 10	23 0	0 21	11 1	2 21	23 27	0 14	M26
T 27	23 17	4 53	2 6	24 27	2 14	16 45	3 15	20 52	1 10	23 0	0 21	11 2	2 21	23 27	0 14	T 27
W28	23 14	0s43	3 3	24 15	2 15	16 43	3 22	20 41	1 10	23 0	0 21	11 3	2 21	23 27	0 14	W28
T 29	23 11	6 24	3 53	24 2	2 15	16 41	3 28	20 30	1 10	23 0	0 21	11 5	2 21	23 26	0 15	T 29
F 30	23 8	12 0	4 33	23 47	2 15	16 40	3 34	20 19	1 10	23 1	0 21	11 6	2 22	23 26	0 15	F 30
S 31	23s 4	17s15	5s 0	23s31	2s14	16s40	3n39	20s 8	1s10	23s 1	0n21	11s 7	2n22	23s26	0s15	S 31

Julian Day Number = 2692573.5, Delta T = 24m17s

Ecliptic obliquity = 23°21'20", Nutation = 0°00'09"

Ayanamsha: Fagan/Bradley = 33°58'18", Lahiri = 33°05'18"

## ASTRODIENST EPHEMERIS for the year 2660

JANUARY 2660

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 40 36	9°34'05	16°15'59	25°31	1°11	5°33	0°17	5°14	6°38	13°31	12°27	18°42	20°08	27°52	18°36	S 1
M 2	6 44 33	10°42'10	1°12	26°31	1°38	6°20	0°30	5°47	6°42	13°33	12°26	18°37	20°05	27°58	18°36	M 2
T 3	6 48 29	11°43'16	15°52	28°01	2°08	7°07	0°44	5°51	6°45	13°35	12°25	18°31	20°01	28°05	18°36	T 3
W 4	6 52 26	12°44'23	0°32	29°31	2°39	7°54	0°57	5°56	6°49	13°37	12°24	18°25	19°58	28°12	18°36	W 4
T 5	6 56 23	13°45'30	16°04	0°58	3°11	8°40	1°11	6°00	6°53	13°39	12°23	18°21	19°55	28°18	18°37	T 5
F 6	7 00 19	14°46'37	1°17	2°25	3°45	9°27	1°24	6°04	6°56	13°41	12°21	18°18	19°52	28°25	18°37	F 6
S 7	7 04 16	15°47'45	16°22	3°50	4°21	10°14	1°38	6°08	7°00	13°43	12°20	18°17	19°49	28°32	18°37	S 7
S 8	7 08 12	16°48'52	1°10	5°12	4°58	11°01	1°51	6°12	7°03	13°45	12°19	18°18	19°46	28°38	18°38	S 8
M 9	7 12 09	17°50'00	15°35	6°33	5°36	11°48	2°04	6°16	7°07	13°47	12°18	18°19	19°42	28°45	18°38	M 9
T 10	7 16 05	18°51'07	29°36	7°50	6°15	12°35	2°18	6°20	7°11	13°49	12°17	18°21	19°39	28°52	18°39	T 10
W 11	7 20 02	19°52'15	13°13	9°04	6°55	13°22	2°31	6°23	7°14	13°51	12°15	18°22	19°36	28°58	18°40	W 11
T 12	7 23 58	20°53'22	26°25	10°14	7°37	14°10	2°44	6°27	7°18	13°54	12°14	18°22	19°33	29°05	18°40	T 12
F 13	7 27 55	21°54'29	9°17	11°20	8°20	14°57	2°57	6°30	7°21	13°56	12°13	18°20	19°30	29°12	18°41	F 13
S 14	7 31 52	22°55'36	21°52	12°20	9°04	15°44	3°11	6°34	7°25	13°58	12°12	18°18	19°26	29°18	18°42	S 14
S 15	7 35 48	23°56'43	4°12	13°14	9°49	16°31	3°24	6°37	7°28	14°00	12°11	18°14	19°23	29°25	18°43	S 15
M 16	7 39 45	24°57'50	16°21	14°01	10°35	17°18	3°37	6°40	7°32	14°02	12°09	18°10	19°20	29°32	18°43	M 16
T 17	7 43 41	25°58'56	28°22	14°40	11°21	18°05	3°50	6°44	7°35	14°04	12°08	18°06	19°17	29°38	18°44	T 17
W 18	7 47 38	27°00'03	10°27	15°10	12°09	18°53	4°03	6°47	7°39	14°07	12°07	18°03	19°14	29°45	18°45	W 18
T 19	7 51 34	28°01'09	22°07	15°31	12°58	19°40	4°16	6°49	7°42	14°09	12°06	18°00	19°11	29°52	18°46	T 19
F 20	7 55 31	29°02'15	3°25	15°46	13°47	20°27	4°29	6°52	7°46	14°11	12°05	17°58	19°07	29°58	18°47	F 20
S 21	7 59 27	0°03'21	15°44	15°40	14°38	21°14	4°42	6°55	7°49	14°13	12°04	17°58	19°04	0°05	18°49	S 21
S 22	8 03 24	1°04'26	27°34	15°28	15°29	22°02	4°55	6°58	7°53	14°15	12°02	17°58	19°01	0°12	18°50	S 22
M 23	8 07 21	2°05'32	9°12	15°03	16°20	22°49	5°08	7°00	7°56	14°18	12°01	17°59	18°58	0°18	18°51	M 23
T 24	8 11 17	3°06'37	21°32	14°27	17°13	23°36	5°21	7°03	8°00	14°20	12°00	18°00	18°55	0°25	18°52	T 24
W 25	8 15 14	4°07'42	3°25	13°40	18°06	24°24	5°33	7°05	8°03	14°22	11°59	18°02	18°52	0°32	18°54	W 25
T 26	8 19 10	5°08'47	16°13	12°43	19°00	25°11	5°46	7°07	8°06	14°24	11°58	18°03	18°48	0°38	18°55	T 26
F 27	8 23 07	6°09'52	28°59	11°38	19°55	25°58	5°59	7°09	8°10	14°27	11°57	18°03	18°45	0°45	18°57	F 27
S 28	8 27 03	7°10'57	12°17	10°25	20°50	26°46	6°11	7°12	8°13	14°29	11°56	18°03	18°42	0°51	18°58	S 28
S 29	8 31 00	8°12'01	25°41	9°09	21°46	27°33	6°24	7°13	8°16	14°31	11°55	18°03	18°39	0°58	19°00	S 29
M 30	8 34 56	9°13'06	9°14	7°51	22°42	28°20	6°36	7°15	8°20	14°33	11°54	18°02	18°36	1°05	19°01	M 30
T 31	8 38 53	10°14'10	24°17	6°33	23°39	29°08	6°49	7°17	8°23	14°36	11°53	18°01	18°32	1°11	19°03	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	23s 0	21s 49	5s 11	23s 14	2s 13	16s 40	3n 44	19s 57	1s 10	23s 1	0n 21	11s 9	2n 22	23s 26	0s 15	16s 35	0n 8
M 2	22 56	25 17	5 4	22 55	2 11	16 41	3 48	19 45	1 10	23 1	0 20	11 10	2 22	23 26	0 15	16 34	0 8
T 3	22 50	27 11	4 37	22 35	2 9	16 43	3 52	19 33	1 10	23 1	0 20	11 11	2 22	23 26	0 15	16 34	0 8
W 4	22 45	27 11	3 50	22 14	2 6	16 45	3 56	19 21	1 9	23 1	0 20	11 12	2 23	23 25	0 15	16 33	0 8
T 5	22 39	25 9	2 47	21 51	2 2	16 48	4 0	19 9	1 9	23 1	0 20	11 14	2 23	23 25	0 15	16 33	0 8
F 6	22 32	21 18	1 32	21 28	1 58	16 51	4 3	18 56	1 9	23 1	0 20	11 15	2 23	23 25	0 15	16 32	0 8
S 7	22 25	16 3	0 11	21 3	1 53	16 55	4 6	18 43	1 9	23 1	0 20	11 16	2 23	23 25	0 15	16 32	0 8
S 8	22 18	9 56	1n 10	20 38	1 47	16 59	4 8	18 31	1 9	23 1	0 20	11 17	2 24	23 25	0 15	16 31	0 8
M 9	22 10	3 27	2 24	20 11	1 40	17 3	4 10	18 17	1 9	23 0	0 20	11 18	2 24	23 24	0 15	16 30	0 8
T 10	22 2	3n 1	3 28	19 44	1 32	17 8	4 12	18 4	1 9	23 0	0 20	11 19	2 24	23 24	0 15	16 30	0 8
W 11	21 53	9 9	4 17	19 16	1 24	17 13	4 14	17 51	1 9	23 0	0 20	11 20	2 24	23 24	0 15	16 29	0 8
T 12	21 44	14 41	4 52	18 48	1 14	17 19	4 15	17 37	1 8	23 0	0 20	11 21	2 24	23 24	0 15	16 29	0 8
F 13	21 35	19 26	5 10	18 20	1 4	17 24	4 16	17 23	1 8	23 0	0 20	11 22	2 25	23 24	0 15	16 28	0 8
S 14	21 25	23 13	5 14	17 53	0 52	17 30	4 17	17 9	1 8	22 59	0 20	11 23	2 25	23 24	0 15	16 27	0 8
S 15	21 15	25 51	5 2	17 25	0 39	17 36	4 17	16 55	1 8	22 59	0 20	11 23	2 25	23 23	0 15	16 27	0 8
M 16	21 4	27 15	4 37	16 59	0 26	17 42	4 18	16 40	1 8	22 59	0 19	11 24	2 25	23 23	0 15	16 26	0 8
T 17	20 53	27 21	4 0	16 33	0 11	17 48	4 18	16 26	1 7	22 59	0 19	11 25	2 26	23 23	0 15	16 26	0 8
W 18	20 41	26 10	3 13	16 9	0n 5	17 55	4 18	16 11	1 7	22 58	0 19	11 26	2 26	23 23	0 15	16 25	0 8
T 19	20 29	23 49	2 18	15 47	0 22	18 1	4 17	15 56	1 7	22 58	0 19	11 27	2 26	23 23	0 15	16 24	0 8
F 20	20 17	20 27	1 17	15 27	0 39	18 7	4 17	15 41	1 7	22 58	0 19	11 27	2 26	23 22	0 15	16 24	0 8
S 21	20 4	16 16	0 12	15 10	0 57	18 14	4 16	15 25	1 7	22 57	0 19	11 28	2 27	23 22	0 15	16 23	0 8
S 22	19 51	11 27	0s 53	14 56	1 16	18 20	4 15	15 10	1 6	22 57	0 19	11 28	2 27	23 22	0 15	16 22	0 8
M 23	19 37	6 11	1 56	14 45	1 35	18 27	4 14	14 54	1 6	22 56	0 19	11 29	2 27	23 22	0 15	16 22	0 8
T 24	19 24	0 39	2 56	14 38	1 53	18 33	4 13	14 39	1 6	22 56	0 19	11 30	2 27	23 22	0 15	16 21	0 8
W 25	19 9	4s 58	3 48	14 34	2 11	18 39	4 11	14 23	1 6	22 55	0 19	11 30	2 28	23 22	0 15	16 20	0 8
T 26	18 55	10 30	4 30	14 34	2 28	18 45	4 10	14 7	1 5	22 55	0 19	11 31	2 28	23 21	0 15	16 20	0 8
F 27	18 40	15 45	5 0	14 37	2 44	18 51	4 8	13 50	1 5	22 55	0 19	11 31	2 28	23 21	0 15	16 19	0 8
S 28	18 25	20 26	5 16	14 43	2 57	18 57	4 6	13 34	1 5	22 54	0 19	11 31	2 28	23 21	0 15	16 19	0 8
S 29	18 9	24 12	5 15	14 52	3 9	19 3	4 4	13 18	1 5	22 53	0 19	11 32	2 29	23 21	0 15	16 18	0 8
M 30	17 53	26 41	4 55	15 3	3 18	19 8	4 2	13 1	1 4	22 53	0 19	11 32	2 29	23 21	0 15	16 17	0 8
T 31	17s 37	27s 30	4s 17	15s 16	3n 25	19s 13	3n 59	12s 44	1s 4	22s 52	0n 19	11s 33	2n 29	23s 20	0s 15	16s 17	0n 8

Julian Day Number = 2692604.5, Delta T = 24m18s

Ecliptic obliquity = 23°21'19, Nutation = 0°00'11

Ayanamsha: Fagan/Bradley = 33°58'22, Lahiri = 33°05'22

# ASTRODIENST EPHEMERIS for the year 2660

FEBRUARY 2660

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 42 50	11°15'14"	8°35'53"	5°R19	24°37'37"	29°55'55"	7°31'19"	7°11'19"	8°26'26"	14°38'38"	11°R52	18°R 0	18°29'29"	1°18'18"	19°5'5"	W 1
T 2	8 46 46	12°16'18"	23°57'57"	4°9'9"	25°34'34"	0°43'43"	7°14'14"	7°20'20"	8°29'29"	14°40'40"	11°51'51"	18°0'0"	18°26'26"	1°25'25"	19°6'6"	T 2
F 3	8 50 43	13°17'21"	9°9'9"	3°5'5"	26°33'33"	1°30'30"	7°26'26"	7°22'22"	8°32'32"	14°43'43"	11°50'50"	17°59'59"	18°23'23"	1°31'31"	19°8'8"	F 3
S 4	8 54 39	14°18'23"	24°20'20"	2°9'9"	27°32'32"	2°18'18"	7°38'38"	7°23'23"	8°35'35"	14°45'45"	11°49'49"	17°D59	18°20'20"	1°38'38"	19°10'10"	S 4
S 5	8 58 36	15°19'24"	9°20'20"	1°22'22"	28°31'31"	3°5'5"	7°50'50"	7°24'24"	8°39'39"	14°47'47"	11°48'48"	17°59'59"	18°17'17"	1°45'45"	19°12'12"	S 5
M 6	9 2 32	16°20'25"	24°0'0"	0°44'44"	29°31'31"	3°53'53"	8°2'2"	7°25'25"	8°42'42"	14°49'49"	11°47'47"	18°0'0"	18°13'13"	1°51'51"	19°14'14"	M 6
T 7	9 6 29	17°21'24"	8°16'16"	0°14'14"	0°31'31"	4°40'40"	8°14'14"	7°26'26"	8°45'45"	14°52'52"	11°46'46"	18°0'0"	18°10'10"	1°58'58"	19°16'16"	T 7
W 8	9 10 26	18°22'23"	22°5'5"	29°35'35"	1°32'32"	5°27'27"	8°26'26"	7°27'27"	8°48'48"	14°54'54"	11°45'45"	18°R 0	18°7'7"	2°5'5"	19°18'18"	W 8
T 9	9 14 22	19°23'20"	5°27'27"	29°42'42"	2°33'33"	6°15'15"	8°38'38"	7°28'28"	8°51'51"	14°56'56"	11°44'44"	18°0'0"	18°4'4"	2°11'11"	19°20'20"	T 9
F 10	9 18 19	20°24'16"	18°24'24"	29°D39	3°34'34"	7°2'2"	8°50'50"	7°29'29"	8°54'54"	14°59'59"	11°43'43"	18°D 0	18°1'1"	2°18'18"	19°22'22"	F 10
S 11	9 22 15	21°25'11"	0°11'11"	29°43'43"	4°36'36"	7°50'50"	9°2'2"	7°29'29"	8°57'57"	15°1'1"	11°42'42"	18°0'0"	17°58'58"	2°25'25"	19°24'24"	S 11
S 12	9 26 12	22°26'05"	13°16'16"	29°54'54"	5°38'38"	8°37'37"	9°13'13"	7°30'30"	9°0'0"	15°3'3"	11°41'41"	18°0'0"	17°54'54"	2°31'31"	19°26'26"	S 12
M13	9 30 8	23°26'57"	25°19'19"	0°12'12"	6°40'40"	9°25'25"	9°25'25"	7°30'30"	9°2'2"	15°5'5"	11°40'40"	18°0'0"	17°51'51"	2°38'38"	19°29'29"	M13
T 14	9 34 5	24°27'49"	7°14'14"	0°37'37"	7°43'43"	10°12'12"	9°37'37"	7°30'30"	9°5'5"	15°8'8"	11°39'39"	18°1'1"	17°48'48"	2°45'45"	19°31'31"	T 14
W15	9 38 1	25°28'39"	19°3'3"	1°7'7"	8°46'46"	11°0'0"	9°48'48"	7°30'30"	9°8'8"	15°10'10"	11°39'39"	18°2'2"	17°45'45"	2°51'51"	19°33'33"	W15
T 16	9 41 58	26°29'27"	0°15'15"	1°42'42"	9°49'49"	11°47'47"	9°59'59"	7°R30	9°11'11"	15°12'12"	11°38'38"	18°3'3"	17°42'42"	2°58'58"	19°36'36"	T 16
F 17	9 45 55	27°30'15"	12°39'39"	2°21'21"	10°53'53"	12°35'35"	10°11'11"	7°30'30"	9°14'14"	15°14'14"	11°37'37"	18°R 3	17°38'38"	3°5'5"	19°38'38"	F 17
S 18	9 49 51	28°31'01"	24°31'31"	3°6'6"	11°57'57"	13°22'22"	10°22'22"	7°30'30"	9°16'16"	15°17'17"	11°36'36"	18°3'3"	17°35'35"	3°11'11"	19°40'40"	S 18
S 19	9 53 48	29°31'48"	6°17'17"	3°54'54"	13°1'1"	14°9'9"	10°33'33"	7°30'30"	9°19'19"	15°19'19"	11°35'35"	18°2'2"	17°32'32"	3°18'18"	19°43'43"	S 19
M20	9 57 44	0°32'30"	18°34'34"	4°45'45"	14°6'6"	14°57'57"	10°44'44"	7°29'29"	9°22'22"	15°21'21"	11°35'35"	18°1'1"	17°29'29"	3°24'24"	19°45'45"	M20
T 21	10 1 41	1°33'12"	0°48'48"	5°40'40"	15°10'10"	15°44'44"	10°55'55"	7°29'29"	9°24'24"	15°23'23"	11°34'34"	17°59'59"	17°26'26"	3°31'31"	19°48'48"	T 21
W22	10 5 37	2°33'54"	13°14'14"	6°39'39"	16°15'15"	16°32'32"	11°6'6"	7°28'28"	9°27'27"	15°25'25"	11°33'33"	17°57'57"	17°23'23"	3°38'38"	19°50'50"	W22
T 23	10 9 34	3°34'34"	25°53'53"	7°39'39"	17°21'21"	17°19'19"	11°16'16"	7°28'28"	9°29'29"	15°28'28"	11°32'32"	17°55'55"	17°19'19"	3°44'44"	19°53'53"	T 23
F 24	10 13 30	4°35'14"	8°14'14"	8°43'43"	18°26'26"	18°6'6"	11°27'27"	7°27'27"	9°32'32"	15°30'30"	11°32'32"	17°53'53"	17°16'16"	3°51'51"	19°56'56"	F 24
S 25	10 17 27	5°35'52"	21°55'55"	9°48'48"	19°32'32"	18°54'54"	11°38'38"	7°26'26"	9°34'34"	15°32'32"	11°31'31"	17°52'52"	17°13'13"	3°58'58"	19°58'58"	S 25
S 26	10 21 23	6°36'29"	5°24'24"	10°56'56"	20°38'38"	19°41'41"	11°48'48"	7°25'25"	9°36'36"	15°34'34"	11°31'31"	17°D51	17°10'10"	4°4'4"	20°1'1"	S 26
M27	10 25 20	7°37'05"	19°11'11"	12°6'6"	21°44'44"	20°29'29"	11°59'59"	7°24'24"	9°39'39"	15°36'36"	11°30'30"	17°51'51"	17°7'7"	4°11'11"	20°4'4"	M27
T 28	10 29 17	8°37'41"	3°19'19"	13°18'18"	22°50'50"	21°16'16"	12°9'9"	7°23'23"	9°41'41"	15°38'38"	11°29'29"	17°52'52"	17°3'3"	4°18'18"	20°7'7"	T 28
W29	10 33 13	9°38'14"	17°34'34"	14°32'32"	23°57'57"	22°31'31"	12°19'19"	7°11'11"	9°43'43"	15°41'41"	11°29'29"	17°54'54"	17°0'0"	4°24'24"	20°10'10"	W29

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	17s20	26s24	3s21	15s30	3n29	19s18	3n57	12s27	1s 4	22s52	0n18	11s33	2n29	23s20	0s15	16s16	0n 8
T 2	17 4	23 22	2 10	15 44	3 31	19 23	3 54	12 10	1 3	22 51	0 18	11 33	2 30	23 20	0 15	16 15	0 8
F 3	16 46	18 41	0 49	15 59	3 30	19 28	3 51	11 53	1 3	22 51	0 18	11 33	2 30	23 20	0 15	16 15	0 7
S 4	16 29	12 49	0n35	16 15	3 27	19 32	3 48	11 36	1 3	22 50	0 18	11 33	2 30	23 20	0 15	16 14	0 7
S 5	16 11	6 15	1 56	16 29	3 22	19 36	3 45	11 19	1 2	22 49	0 18	11 34	2 31	23 19	0 15	16 13	0 7
M 6	15 53	0n30	3 7	16 44	3 16	19 39	3 42	11 1	1 2	22 49	0 18	11 34	2 31	23 19	0 15	16 13	0 7
T 7	15 35	7 1	4 5	16 58	3 8	19 42	3 39	10 44	1 2	22 48	0 18	11 34	2 31	23 19	0 15	16 12	0 7
W 8	15 16	13 0	4 46	17 10	3 0	19 45	3 36	10 26	1 1	22 47	0 18	11 34	2 31	23 19	0 15	16 11	0 7
T 9	14 57	18 10	5 10	17 22	2 50	19 48	3 32	10 8	1 1	22 47	0 18	11 34	2 32	23 19	0 15	16 11	0 7
F 10	14 38	22 20	5 18	17 33	2 40	19 50	3 29	9 50	1 1	22 46	0 18	11 34	2 32	23 19	0 15	16 10	0 7
S 11	14 19	25 20	5 10	17 43	2 29	19 51	3 25	9 32	1 0	22 45	0 18	11 34	2 32	23 18	0 15	16 9	0 7
S 12	13 59	27 4	4 48	17 51	2 18	19 53	3 22	9 14	1 0	22 44	0 18	11 34	2 32	23 18	0 15	16 9	0 7
M13	13 39	27 29	4 13	17 59	2 6	19 54	3 18	8 56	1 0	22 44	0 18	11 33	2 33	23 18	0 15	16 8	0 7
T 14	13 19	26 37	3 28	18 5	1 55	19 54	3 14	8 38	0 59	22 43	0 18	11 33	2 33	23 18	0 15	16 7	0 7
W15	12 59	24 33	2 34	18 10	1 43	19 54	3 10	8 20	0 59	22 42	0 18	11 33	2 33	23 18	0 15	16 7	0 7
T 16	12 39	21 26	1 34	18 13	1 32	19 54	3 6	8 1	0 59	22 41	0 18	11 33	2 33	23 17	0 15	16 6	0 7
F 17	12 18	17 26	0 30	18 16	1 20	19 53	3 2	7 43	0 58	22 41	0 17	11 33	2 34	23 17	0 15	16 6	0 7
S 18	11 57	12 45	0s36	18 17	1 9	19 52	2 58	7 24	0 58	22 40	0 17	11 32	2 34	23 17	0 15	16 5	0 7
S 19	11 36	7 33	1 40	18 17	0 58	19 50	2 54	7 6	0 57	22 39	0 17	11 32	2 34	23 17	0 15	16 4	0 7
M20	11 15	2 2	2 41	18 15	0 47	19 48	2 50	6 47	0 57	22 38	0 17	11 32	2 34	23 17	0 15	16 4	0 7
T 21	10 53	3s37	3 35	18 12	0 36	19 45	2 45	6 28	0 57	22 37	0 17	11 31	2 35	23 17	0 15	16 3	0 7
W22	10 31	9 12	4 20	18 8	0 26	19 42	2 41	6 10	0 56	22 36	0 17	11 31	2 35	23 16	0 15	16 2	0 7
T 23	10 10	14 31	4 53	18 3	0 15	19 39	2 37	5 51	0 56	22 36	0 17	11 30	2 35	23 16	0 15	16 2	0 7
F 24	9 48	19 18	5 12	17 56	0 6	19 34	2 32	5 32	0 55	22 35	0 17	11 30	2 35	23 16	0 15	16 1	0 7
S 25	9 26	23 15	5 15	17 48	0s 4	19 30	2 28	5 13	0 55	22 34	0 17	11 29	2 36	23 16	0 15	16 0	0 7
S 26	9 3 26	4 5	2 17	38	0 13	19 25	2 24	4 54	0 54	22 33	0 17	11 29	2 36	23 16	0 15	16 0	0 7
M27	8 41	27 24	4 30	17 28	0 22	19 19	2 19	4 35	0 54	22 32	0 17	11 28	2 36	23 16	0 15	15 59	0 7
T 28	8 18	27 1	3 42	17 16	0 31	19 13	2 15	4 16	0 53	22 31	0 17	11 27	2 36	23 16	0 15	15 59	0 7
W29	7s56	24s48	2s39	17s 3	0s40	19s 6	2n10	3s57	0s53	22s30	0n17	11s27	2n37	23s15	0s15	15s58	0n 7

Julian Day Number = 2692635.5, Delta T = 24m18s  
 Ecliptic obliquity = 23°21'20", Nutation = 0°00'13"  
 Ayanamsha: Fagan/Bradley = 33°58'26", Lahiri = 33°05'26"



# ASTRODIENST EPHEMERIS for the year 2660

APRIL 2660

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 39 23	11°41'01	25°40	5°3	0°39	17°6	16°31	5°R51	10°31	16°40	11°22	16°R41	15°19	7°57	21°53	S 1
M 2	12 43 19	12°40'36	10°3	6°57	1°50	17°52	16°47	5°M47	10°32	16°41	11°22	16°33	15°15	8°4	21°56	M 2
T 3	12 47 16	13°40'10	24°13	8°53	3°0	18°38	16°52	5°43	10°32	16°43	11°22	16°24	15°12	8°10	22°0	T 3
W 4	12 51 13	14°39'42	8°4	10°49	4°11	19°25	16°58	5°39	10°33	16°44	11°23	16°14	15°9	8°17	22°3	W 4
T 5	12 55 9	15°39'11	21°33	12°47	5°21	20°11	17°3	5°35	10°34	16°45	11°23	16°5	15°6	8°24	22°7	T 5
F 6	12 59 6	16°38'39	4°38	14°46	6°32	20°58	17°9	5°31	10°34	16°47	11°23	15°56	15°3	8°30	22°10	F 6
S 7	13 3 2	17°38'04	17°20	16°46	7°43	21°44	17°14	5°26	10°34	16°48	11°23	15°50	15°0	8°37	22°14	S 7
S 8	13 6 59	18°37'27	29°42	18°47	8°54	22°30	17°19	5°22	10°35	16°49	11°24	15°45	14°56	8°43	22°17	S 8
M 9	13 10 55	19°36'48	11°47	20°49	10°5	23°16	17°23	5°18	10°35	16°51	11°24	15°43	14°53	8°50	22°21	M 9
T 10	13 14 52	20°36'06	23°42	22°52	11°16	24°2	17°28	5°13	10°35	16°52	11°24	15°D43	14°50	8°57	22°24	T 10
W 11	13 18 48	21°35'22	5°38	24°55	12°26	24°48	17°32	5°9	10°36	16°53	11°25	15°44	14°47	9°3	22°28	W 11
T 12	13 22 45	22°34'36	17°18	26°58	13°38	25°34	17°37	5°4	10°36	16°54	11°25	15°R44	14°44	9°10	22°32	T 12
F 13	13 26 42	23°33'48	29°11	29°2	14°49	26°20	17°41	5°0	10°36	16°56	11°26	15°43	14°40	9°17	22°35	F 13
S 14	13 30 38	24°32'57	11°13	1°8	16°0	27°6	17°45	4°55	10°R36	16°57	11°26	15°40	14°37	9°23	22°39	S 14
S 15	13 34 35	25°32'04	23°29	3°10	17°11	27°52	17°48	4°51	10°36	16°58	11°26	15°35	14°34	9°30	22°42	S 15
M 16	13 38 31	26°31'09	6°0	5°13	18°22	28°38	17°52	4°46	10°36	16°59	11°27	15°26	14°31	9°37	22°46	M 16
T 17	13 42 28	27°30'11	18°49	7°14	19°33	29°24	17°55	4°42	10°36	17°0	11°27	15°16	14°28	9°43	22°49	T 17
W 18	13 46 24	28°29'12	1°54	9°15	20°45	0°10	17°58	4°37	10°35	17°1	11°28	15°4	14°25	9°50	22°53	W 18
T 19	13 50 21	29°28'11	15°16	11°14	21°56	0°56	18°1	4°33	10°35	17°2	11°29	14°52	14°21	9°57	22°56	T 19
F 20	13 54 17	0°27'08	28°51	13°11	23°7	1°41	18°4	4°28	10°35	17°3	11°29	14°41	14°18	10°3	23°0	F 20
S 21	13 58 14	1°26'03	12°37	15°6	24°19	2°27	18°7	4°23	10°35	17°4	11°30	14°31	14°15	10°10	23°3	S 21
S 22	14 2 10	2°24'57	26°31	16°58	25°30	3°13	18°9	4°19	10°34	17°5	11°30	14°25	14°12	10°17	23°7	S 22
M 23	14 6 7	3°23'49	10°30	18°48	26°42	3°58	18°12	4°14	10°34	17°6	11°31	14°21	14°9	10°23	23°10	M 23
T 24	14 10 4	4°22'39	24°33	20°33	27°53	4°44	18°14	4°10	10°33	17°6	11°32	14°19	14°6	10°30	23°14	T 24
W 25	14 14 0	5°21'27	8°38	22°15	29°5	5°29	18°16	4°5	10°33	17°7	11°32	14°19	14°2	10°36	23°17	W 25
T 26	14 17 57	6°20'14	22°46	23°54	0°17	6°15	18°18	4°0	10°32	17°8	11°33	14°19	13°59	10°43	23°21	T 26
F 27	14 21 53	7°18'59	6°54	25°28	1°28	7°0	18°19	3°56	10°32	17°9	11°34	14°17	13°56	10°50	23°24	F 27
S 28	14 25 50	8°17'42	21°2	26°57	2°40	7°45	18°20	3°51	10°31	17°9	11°34	14°14	13°53	10°56	23°27	S 28
S 29	14 29 46	9°16'24	5°16	28°22	3°52	8°31	18°22	3°46	10°30	17°10	11°35	14°7	13°50	11°3	23°31	S 29
M 30	14 33 43	10°15'03	19°19	29°43	5°19	9°16	18°23	3°42	10°30	17°11	11°36	13°58	13°46	11°10	23°34	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
S 1	4n36	1n14	3n13	0n18	1s51	11s21	0s9	6n8	0s36	22s4	0n15	10s52	2n43	23s12	0s16	S 1
M 2	4 59	7 44	4 6	1 7	1 46	10 59	0 13	6 26	0 35	22 4	0 15	10 50	2 43	23 12	0 16	M 2
T 3	5 23	13 44	4 43	1 58	1 41	10 37	0 17	6 45	0 35	22 3	0 15	10 49	2 43	23 12	0 16	T 3
W 4	5 46	18 54	5 2	2 49	1 35	10 15	0 20	7 3	0 34	22 2	0 15	10 47	2 43	23 12	0 16	W 4
T 5	6 8	22 58	5 3	3 41	1 28	9 53	0 24	7 21	0 34	22 2	0 15	10 46	2 43	23 12	0 16	T 5
F 6	6 31	25 43	4 49	4 33	1 21	9 30	0 27	7 38	0 33	22 1	0 15	10 44	2 43	23 12	0 16	F 6
S 7	6 54	27 5	4 20	5 26	1 13	9 7	0 31	7 56	0 32	22 0	0 15	10 43	2 44	23 12	0 16	S 7
S 8	7 16	27 2	3 40	6 20	1 5	8 44	0 34	8 14	0 32	22 0	0 15	10 41	2 44	23 12	0 16	S 8
M 9	7 39	25 40	2 51	7 14	0 57	8 21	0 37	8 32	0 31	21 59	0 14	10 40	2 44	23 12	0 16	M 9
T 10	8 1	23 10	1 55	8 7	0 47	7 57	0 41	8 49	0 31	21 59	0 14	10 38	2 44	23 12	0 16	T 10
W 11	8 23	19 42	0 54	9 1	0 38	7 33	0 44	9 7	0 30	21 58	0 14	10 37	2 44	23 12	0 16	W 11
T 12	8 45	15 28	0s8	9 55	0 28	7 8	0 47	9 24	0 29	21 58	0 14	10 35	2 44	23 12	0 16	T 12
F 13	9 7	10 36	1 11	10 49	0 18	6 44	0 50	9 41	0 29	21 57	0 14	10 34	2 44	23 12	0 16	F 13
S 14	9 29	5 18	2 11	11 42	0 7	6 19	0 53	9 58	0 28	21 57	0 14	10 32	2 44	23 12	0 16	S 14
S 15	9 50	0s17	3 7	12 35	0n4	5 54	0 56	10 15	0 28	21 57	0 14	10 31	2 44	23 12	0 16	S 15
M 16	10 12	5 57	3 54	13 27	0 15	5 29	0 59	10 32	0 27	21 56	0 14	10 29	2 44	23 12	0 16	M 16
T 17	10 33	11 31	4 30	14 17	0 26	5 4	1 1	10 49	0 26	21 56	0 14	10 28	2 44	23 13	0 17	T 17
W 18	10 54	16 41	4 54	15 7	0 37	4 38	1 4	11 5	0 26	21 55	0 14	10 26	2 44	23 13	0 17	W 18
T 19	11 15	21 9	5 1	15 55	0 48	4 13	1 7	11 22	0 25	21 55	0 14	10 25	2 44	23 13	0 17	T 19
F 20	11 35	24 35	4 52	16 41	1 0	3 47	1 9	11 38	0 24	21 55	0 14	10 23	2 44	23 13	0 17	F 20
S 21	11 56	26 38	4 26	17 26	1 11	3 21	1 12	11 55	0 24	21 54	0 14	10 22	2 44	23 13	0 17	S 21
S 22	12 16	27 3	3 44	18 9	1 21	2 55	1 14	12 11	0 23	21 54	0 14	10 20	2 44	23 13	0 17	S 22
M 23	12 36	25 45	2 49	18 49	1 32	2 28	1 16	12 27	0 23	21 54	0 14	10 18	2 44	23 13	0 17	M 23
T 24	12 56	22 49	1 43	19 28	1 42	2 2	1 18	12 43	0 22	21 54	0 13	10 17	2 44	23 13	0 17	T 24
W 25	13 16	18 31	0 30	20 4	1 51	1 36	1 21	12 58	0 21	21 54	0 13	10 15	2 44	23 13	0 17	W 25
T 26	13 35	13 11	0n45	20 37	2 0	1 9	1 23	13 14	0 21	21 53	0 13	10 14	2 44	23 13	0 17	T 26
F 27	13 54	7 9	1 56	21 8	2 8	0 43	1 24	13 29	0 20	21 53	0 13	10 12	2 44	23 13	0 17	F 27
S 28	14 13	0 46	3 1	21 37	2 16	0 16	1 26	13 45	0 19	21 53	0 13	10 11	2 44	23 13	0 17	S 28
S 29	14 32	5n36	3 54	22 3	2 23	0n11	1 28	14 0	0 19	21 53	0 13	10 9	2 44	23 13	0 17	S 29
M 30	14n51	11n39	4n33	22n26	2n29	0n38	1s30	14n15	0s18	21s53	0n13	10s8	2n44	23s13	0s17	M 30

Julian Day Number = 2692695.5, Delta T = 24m19s  
 Ecliptic obliquity = 23°21'20", Nutation = 0°00'12"  
 Ayanamsha: Fagan/Bradley = 33°58'34", Lahiri = 33°05'34"

## ASTRODIENST EPHEMERIS for the year 2660

MAY 2660

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 37 39	11°13'41"	2°51'	0°11'58"	6°15'	10°18'	18°23'	3°R37	10°R29	17°11'	11°37'	13°R47	13°43'	11°16'	23°38'	T 1
W 2	14 41 36	12°12'18"	16°24'	2° 9'	7°27'	10°46'	18°24'	3°M33	10°28'	17°12'	11°38'	13°34'	13°40'	11°23'	23°41'	W 2
T 3	14 45 33	13°10'52"	29°40'	3°14'	8°39'	11°31'	18°25'	3°28'	10°27'	17°13'	11°38'	13°21'	13°37'	11°30'	23°44'	T 3
F 4	14 49 29	14° 9'25"	12°11'36"	4°15'	9°51'	12°16'	18°25'	3°24'	10°26'	17°13'	11°39'	13°10'	13°34'	11°36'	23°48'	F 4
S 5	14 53 26	15° 7'55"	25°13'	5° 9'	11° 3'	13° 1'	18°R25	3°19'	10°25'	17°14'	11°40'	13° 1'	13°31'	11°43'	23°51'	S 5
S 6	14 57 22	16° 6'24"	7°53'33"	5°59'	12°15'	13°46'	18°25'	3°15'	10°24'	17°14'	11°41'	12°54'	13°27'	11°50'	23°54'	S 6
M 7	15 1 19	17° 4'50"	19°38'	6°43'	13°27'	14°31'	18°24'	3°10'	10°23'	17°14'	11°42'	12°51'	13°24'	11°56'	23°58'	M 7
T 8	15 5 15	18° 3'15"	1°12'32"	7°22'	14°39'	15°16'	18°24'	3° 6'	10°22'	17°15'	11°43'	12°49'	13°21'	12° 3'	24° 1'	T 8
W 9	15 9 12	19° 1'37"	13°21'	7°55'	15°51'	16° 1'	18°23'	3° 2'	10°20'	17°15'	11°44'	12°49'	13°18'	12° 9'	24° 4'	W 9
T 10	15 13 9	19°59'57"	25°10'	8°22'	17° 3'	16°46'	18°22'	2°57'	10°19'	17°15'	11°45'	12°49'	13°15'	12°16'	24° 8'	T 10
F 11	15 17 5	20°58'15"	7°11' 4"	8°44'	18°15'	17°30'	18°21'	2°53'	10°18'	17°16'	11°46'	12°48'	13°12'	12°23'	24°11'	F 11
S 12	15 21 2	21°56'31"	19° 8'	9° 0'	19°27'	18°15'	18°20'	2°49'	10°17'	17°16'	11°47'	12°45'	13° 8'	12°29'	24°14'	S 12
S 13	15 24 58	22°54'45"	1°12'28"	9°11'	20°39'	19° 0'	18°18'	2°44'	10°15'	17°16'	11°48'	12°40'	13° 5'	12°36'	24°17'	S 13
M14	15 28 55	23°52'58"	14° 7'	9°17'	21°51'	19°44'	18°17'	2°40'	10°14'	17°16'	11°49'	12°33'	13° 2'	12°43'	24°20'	M14
T 15	15 32 51	24°51'08"	27° 7'	9°R17	23° 3'	20°29'	18°15'	2°36'	10°12'	17°17'	11°50'	12°23'	12°59'	12°49'	24°24'	T 15
W16	15 36 48	25°49'16"	10°11'30"	9°12'	24°15'	21°13'	18°13'	2°32'	10°11'	17°17'	11°51'	12°11'	12°56'	12°56'	24°27'	W16
T 17	15 40 44	26°47'23"	2°12'	9° 2'	25°27'	21°57'	18°11'	2°28'	10° 9'	17°17'	11°52'	12° 0'	12°52'	13° 3'	24°30'	T 17
F 18	15 44 41	27°45'29"	8°41'12"	8°47'	26°39'	22°42'	18° 8'	2°24'	10° 8'	17°17'	11°53'	11°49'	12°49'	13° 9'	24°33'	F 18
S 19	15 48 38	28°43'32"	22°24'	8°29'	27°52'	23°26'	18° 6'	2°20'	10° 6'	17°R17	11°54'	11°40'	12°46'	13°16'	24°36'	S 19
S 20	15 52 34	29°41'35"	6°34'42"	8° 6'	29° 4'	24°10'	18° 3'	2°16'	10° 5'	17°17'	11°55'	11°33'	12°43'	13°23'	24°39'	S 20
M21	15 56 31	0°11'39'35"	21° 3'	7°40'	0°16'	24°54'	18° 0'	2°13'	10° 3'	17°17'	11°56'	11°29'	12°40'	13°29'	24°42'	M21
T 22	16 0 27	1°37'35"	5°12'22"	7°11'	1°28'	25°39'	17°57'	2° 9'	10° 1'	17°17'	11°57'	11°D28	12°37'	13°36'	24°45'	T 22
W23	16 4 24	2°35'33"	19°37'	6°39'	2°41'	26°23'	17°54'	2° 5'	10° 0'	17°17'	11°59'	11°28'	12°33'	13°43'	24°48'	W23
T 24	16 8 20	3°33'30"	3°14'44"	6° 6'	3°53'	27° 7'	17°51'	2° 2'	9°58'	17°17'	12° 0'	11°R28	12°30'	13°49'	24°51'	T 24
F 25	16 12 17	4°31'25"	17°44'	5°31'	5° 5'	27°51'	17°47'	1°58'	9°56'	17°16'	12° 1'	11°28'	12°27'	13°56'	24°54'	F 25
S 26	16 16 13	5°29'20"	1°17'36"	4°56'	6°18'	28°35'	17°43'	1°55'	9°54'	17°16'	12° 2'	11°25'	12°24'	14° 2'	24°57'	S 26
S 27	16 20 10	6°27'13"	15°19'	4°20'	7°30'	29°18'	17°39'	1°51'	9°52'	17°16'	12° 3'	11°20'	12°21'	14° 9'	24°59'	S 27
M28	16 24 7	7°25'05"	28°52'	3°46'	8°42'	0°11'2	17°35'	1°48'	9°50'	17°16'	12° 5'	11°12'	12°18'	14°16'	25° 2'	M28
T 29	16 28 3	8°22'56"	12°18'15"	3°12'	9°55'	0°46'	17°31'	1°45'	9°48'	17°15'	12° 6'	11° 3'	12°14'	14°22'	25° 5'	T 29
W30	16 32 0	9°20'46"	25°24'	2°40'	11° 7'	1°30'	17°26'	1°41'	9°46'	17°15'	12° 7'	10°52'	12°11'	14°29'	25° 8'	W30
T 31	16 35 56	10°11'34"	8°11'19"	2°11'11"	12°18'19"	2°11'13"	17°22'	1°M38	9°34'	17°15'	12° 8'	10°42'	12° 8'	14°16'36"	25°10'	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	15n 9	17n 2	4n55	22n47	2n34	1n 5	1s31	14n30	0s17	21s53	0n13	10s 6	2n44	23s13	0s17	15s31
W 2	15 27	21 28	5 0	23 6	2 38	1 31	1 33	14 44	0 17	21 53	0 13	10 5	2 44	23 13	0 17	15 31
T 3	15 44	24 42	4 48	23 22	2 41	1 58	1 34	14 59	0 16	21 53	0 13	10 3	2 44	23 14	0 17	15 31
F 4	16 2	26 34	4 22	23 35	2 43	2 25	1 36	15 13	0 15	21 53	0 13	10 2	2 44	23 14	0 17	15 31
S 5	16 19	27 0	3 44	23 46	2 44	2 52	1 37	15 27	0 15	21 53	0 13	10 0	2 44	23 14	0 17	15 31
S 6	16 36	26 3	2 55	23 55	2 44	3 19	1 38	15 42	0 14	21 53	0 13	9 59	2 44	23 14	0 17	15 31
M 7	16 53	23 54	2 0	24 2	2 43	3 46	1 39	15 55	0 13	21 53	0 12	9 58	2 44	23 14	0 17	15 30
T 8	17 9	20 43	0 59	24 6	2 41	4 13	1 40	16 9	0 13	21 54	0 12	9 56	2 44	23 14	0 17	15 30
W 9	17 25	16 43	0s 3	24 8	2 37	4 39	1 41	16 23	0 12	21 54	0 12	9 55	2 44	23 14	0 17	15 30
T 10	17 41	12 4	1 5	24 8	2 32	5 6	1 42	16 36	0 12	21 54	0 12	9 53	2 44	23 14	0 17	15 30
F 11	17 56	6 57	2 5	24 6	2 27	5 33	1 43	16 49	0 11	21 54	0 12	9 52	2 43	23 14	0 17	15 30
S 12	18 11	1 31	3 0	24 1	2 20	5 59	1 44	17 2	0 10	21 54	0 12	9 51	2 43	23 15	0 17	15 30
S 13	18 26	4s 4	3 48	23 55	2 11	6 25	1 44	17 15	0 10	21 55	0 12	9 49	2 43	23 15	0 17	15 30
M14	18 41	9 38	4 26	23 46	2 2	6 52	1 45	17 28	0 9	21 55	0 12	9 48	2 43	23 15	0 17	15 30
T 15	18 55	14 56	4 51	23 36	1 51	7 18	1 45	17 40	0 8	21 55	0 12	9 47	2 43	23 15	0 17	15 30
W16	19 9	19 41	5 1	23 23	1 39	7 44	1 46	17 53	0 8	21 56	0 12	9 46	2 43	23 15	0 17	15 30
T 17	19 22	23 31	4 55	23 9	1 27	8 10	1 46	18 5	0 7	21 56	0 12	9 44	2 43	23 15	0 17	15 30
F 18	19 35	26 3	4 30	22 53	1 13	8 36	1 46	18 17	0 6	21 56	0 12	9 43	2 43	23 15	0 17	15 30
S 19	19 48	26 57	3 49	22 36	0 58	9 1	1 46	18 29	0 6	21 57	0 11	9 42	2 42	23 15	0 17	15 30
S 20	20 1	26 4	2 53	22 17	0 42	9 27	1 46	18 40	0 5	21 57	0 11	9 41	2 42	23 16	0 17	15 30
M21	20 13	23 28	1 46	21 56	0 26	9 52	1 46	18 51	0 4	21 58	0 11	9 40	2 42	23 16	0 17	15 30
T 22	20 25	19 23	0 32	21 35	0 9	10 17	1 46	19 3	0 4	21 58	0 11	9 38	2 42	23 16	0 17	15 30
W23	20 36	14 12	0n43	21 13	0s 8	10 42	1 46	19 14	0 3	21 59	0 11	9 37	2 42	23 16	0 17	15 30
T 24	20 47	8 18	1 56	20 50	0 26	11 7	1 46	19 24	0 2	21 59	0 11	9 36	2 42	23 16	0 17	15 30
F 25	20 58	2 4	3 0	20 26	0 43	11 31	1 45	19 35	0 2	22 0	0 11	9 35	2 42	23 16	0 17	15 30
S 26	21 9	4n13	3 54	20 3	1 1	11 55	1 45	19 45	0 1	22 1	0 11	9 34	2 41	23 17	0 17	15 30
S 27	21 19	10 13	4 33	19 39	1 18	12 19	1 44	19 56	0 0	22 1	0 11	9 33	2 41	23 17	0 17	15 30
M28	21 28	15 39	4 57	19 16	1 35	12 43	1 44	20 6	0n 0	22 2	0 11	9 32	2 41	23 17	0 17	15 30
T 29	21 38	20 16	5 3	18 54	1 52	13 6	1 43	20 15	0 1	22 2	0 10	9 31	2 41	23 17	0 17	15 30
W30	21 46	23 48	4 54	18 32	2 8	13 29	1 42	20 25	0 2	22 3	0 10	9 30	2 41	23 17	0 17	15 30
T 31	21n55	26n 3	4n30	18n12	2s23	13n52	1s42	20n34	0n 2	22s 4	0n10	9s29	2n40	23s17	0s17	15s30

Julian Day Number = 2692725.5, Delta T = 24m19s

Ecliptic obliquity = 23°21'19", Nutation = 0°00'11"

Ayanamsha: Fagan/Bradley = 33°58'39", Lahiri = 33°05'39"

# ASTRODIENST EPHEMERIS for the year 2660

JUNE 2660

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 39 53	11 <sup>11</sup> 16'21	21 <sup>11</sup> 0	1°R44	13 <sup>8</sup> 32	2 <sup>11</sup> 57	17°R17	1°R35	9°R42	17°R14	12 <sup>10</sup> 10	10°R32	12 <sup>10</sup> 5	14 <sup>10</sup> 42	25 <sup>10</sup> 13	F 1
S 2	16 43 49	12°14'07	3 <sup>10</sup> 26	1 <sup>11</sup> 20	14°44	3°41	17 <sup>10</sup> 12	1 <sup>11</sup> 32	9 <sup>10</sup> 40	17 <sup>10</sup> 14	12°11	10 <sup>10</sup> 25	12°2	14°49	25°16	S 2
S 3	16 47 46	13°11'51	15°38	1°0	15°57	4°24	17°7	1°29	9°38	17°13	12°12	10°19	11°58	14°56	25°18	S 3
M 4	16 51 42	14°9'34	27°38	0°44	17°9	5°7	17°2	1°27	9°36	17°13	12°14	10°16	11°55	15°2	25°21	M 4
T 5	16 55 39	15°7'16	9 <sup>10</sup> 31	0°31	18°22	5°51	16°57	1°24	9°34	17°12	12°15	10°D15	11°52	15°9	25°23	T 5
W 6	16 59 36	16°4'56	21°18	0°23	19°34	6°34	16°51	1°21	9°32	17°12	12°16	10°16	11°49	15°16	25°26	W 6
T 7	17 3 32	17°2'34	3 <sup>10</sup> 7	0°D19	20°47	7°17	16°45	1°19	9°30	17°11	12°18	10°17	11°46	15°22	25°28	T 7
F 8	17 7 29	18°0'11	15°1	0°20	21°59	8°1	16°40	1°16	9°27	17°11	12°19	10°R18	11°43	15°29	25°31	F 8
S 9	17 11 25	18°57'47	27°5	0°25	23°12	8°44	16°34	1°14	9°25	17°10	12°20	10°17	11°39	15°35	25°33	S 9
S 10	17 15 22	19°55'21	9 <sup>10</sup> 25	0°35	24°24	9°27	16°28	1°12	9°23	17°9	12°22	10°15	11°36	15°42	25°36	S 10
M11	17 19 18	20°52'54	22°6	0°49	25°37	10°10	16°22	1°10	9°21	17°9	12°23	10°11	11°33	15°49	25°38	M11
T 12	17 23 15	21°50'25	5 <sup>11</sup> 11	1°7	26°49	10°53	16°15	1°7	9°18	17°8	12°24	10°6	11°30	15°55	25°40	T 12
W13	17 27 11	22°47'56	18°40	1°30	28°2	11°36	16°9	1°5	9°16	17°7	12°26	9°59	11°27	16°2	25°42	W13
T 14	17 31 8	23°45'25	2 <sup>10</sup> 35	1°57	29°15	12°19	16°3	1°4	9°14	17°6	12°27	9°51	11°24	16°9	25°45	T 14
F 15	17 35 5	24°42'53	16°51	2°29	0 <sup>11</sup> 27	13°2	15°56	1°2	9°11	17°6	12°29	9°44	11°20	16°15	25°47	F 15
S 16	17 39 1	25°40'21	1 <sup>10</sup> 24	3°4	1°40	13°45	15°49	1°0	9°9	17°5	12°30	9°39	11°17	16°22	25°49	S 16
S 17	17 42 58	26°37'47	16°7	3°44	2°53	14°27	15°43	0°58	9°7	17°4	12°31	9°35	11°14	16°29	25°51	S 17
M18	17 46 54	27°35'13	0 <sup>10</sup> 52	4°28	4°5	15°10	15°36	0°57	9°4	17°3	12°33	9°33	11°11	16°35	25°53	M18
T 19	17 50 51	28°32'38	15°34	5°15	5°18	15°53	15°29	0°55	9°2	17°2	12°34	9°D33	11°8	16°42	25°55	T 19
W20	17 54 47	29°30'02	0 <sup>10</sup> 6	6°6	6°31	16°35	15°22	0°54	9°0	17°1	12°36	9°34	11°4	16°49	25°57	W20
T 21	17 58 44	0 <sup>10</sup> 27'25	14°25	7°1	7°43	17°18	15°15	0°53	8°57	17°0	12°37	9°35	11°1	16°55	25°59	T 21
F 22	18 2 40	1°24'49	28°28	8°0	8°56	18°0	15°7	0°52	8°55	16°59	12°38	9°R36	10°58	17°2	26°1	F 22
S 23	18 6 37	2°22'11	12°16	9°2	10°9	18°43	15°0	0°51	8°52	16°58	12°40	9°35	10°55	17°9	26°3	S 23
S 24	18 10 34	3°19'33	25°48	10°8	11°22	19°25	14°53	0°50	8°50	16°57	12°41	9°33	10°52	17°15	26°4	S 24
M25	18 14 30	4°16'55	9 <sup>10</sup> 8	11°17	12°34	20°7	14°45	0°49	8°47	16°56	12°43	9°30	10°49	17°22	26°6	M25
T 26	18 18 27	5°14'17	22°6	12°29	13°47	20°50	14°38	0°48	8°45	16°55	12°44	9°25	10°45	17°28	26°8	T 26
W27	18 22 23	6°11'38	4 <sup>11</sup> 54	13°45	15°0	21°32	14°31	0°47	8°43	16°54	12°46	9°20	10°42	17°35	26°9	W27
T 28	18 26 20	7°8'59	17°29	15°4	16°13	22°14	14°23	0°47	8°40	16°53	12°47	9°14	10°39	17°42	26°11	T 28
F 29	18 30 16	8°6'19	29°52	16°26	17°26	22°56	14°15	0°46	8°38	16°52	12°49	9°9	10°36	17°48	26°13	F 29
S 30	18 34 13	9 <sup>10</sup> 3'39	12 <sup>10</sup> 4	17 <sup>11</sup> 52	18 <sup>11</sup> 39	23 <sup>11</sup> 38	14 <sup>10</sup> 8	0 <sup>11</sup> 46	8 <sup>10</sup> 35	16 <sup>10</sup> 50	12 <sup>10</sup> 50	9 <sup>10</sup> 6	10 <sup>10</sup> 33	17 <sup>10</sup> 55	26 <sup>10</sup> 14	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	22n 3	26n55	3n52	17n52	2s37	14n15	1s41	20n43	0n 3	22s 4	0n10	9s29	2n40	23s17	0s17	15s31	0n 7	17n57	4s52	17s32	17s 7	16n 8	10n30	0n50			
S 2	22 11	26 23	3 4	17 35	2 50	14 37	1 40	20 52	0 4	22 5	0 10	9 28	2 40	23 18	0 17	15 31	0 7	17 57	4 52	17 34	17 8	16 6	10 31	0 50			
S 3	22 18	24 34	2 8	17 19	3 2	14 59	1 39	21 1	0 4	22 6	0 10	9 27	2 40	23 18	0 17	15 31	0 7	17 57	4 52	17 36	17 8	16 3	10 32	0 50			
M 4	22 25	21 40	1 7	17 5	3 13	15 20	1 38	21 10	0 5	22 7	0 10	9 26	2 40	23 18	0 18	15 31	0 7	17 57	4 52	17 36	17 9	16 0	10 33	0 50			
T 5	22 32	17 52	0 4	16 53	3 23	15 41	1 37	21 18	0 6	22 7	0 10	9 26	2 39	23 18	0 18	15 31	0 7	17 57	4 52	17 37	17 10	15 57	10 34	0 50			
W 6	22 38	13 25	0s59	16 43	3 32	16 2	1 35	21 26	0 6	22 8	0 10	9 25	2 39	23 18	0 18	15 31	0 7	17 57	4 52	17 36	17 11	15 54	10 35	0 50			
T 7	22 44	8 28	2 0	16 35	3 39	16 22	1 34	21 34	0 7	22 9	0 9	9 24	2 39	23 19	0 18	15 32	0 7	17 57	4 52	17 36	17 12	15 52	10 36	0 50			
F 8	22 49	3 11	2 56	16 28	3 45	16 42	1 33	21 41	0 7	22 10	0 9	9 24	2 39	23 19	0 18	15 32	0 7	17 57	4 52	17 36	17 13	15 49	10 37	0 50			
S 9	22 54	2s17	3 45	16 24	3 51	17 2	1 32	21 49	0 8	22 11	0 9	9 23	2 39	23 19	0 18	15 32	0 6	17 57	4 51	17 36	17 14	15 46	10 38	0 50			
S 10	22 58	7 47	4 25	16 22	3 55	17 21	1 30	21 56	0 9	22 12	0 9	9 22	2 38	23 19	0 18	15 32	0 6	17 57	4 51	17 37	17 15	15 43	10 38	0 50			
M11	23 3 13	7 4	4 53	16 22	3 58	17 40	1 29	22 3	0 9	22 12	0 9	9 22	2 38	23 19	0 18	15 32	0 6	17 57	4 51	17 38	17 15	15 40	10 39	0 50			
T 12	23 6 18	1 5	7 16	24 3	5 9	17 58	1 27	22 10	0 10	22 13	0 9	9 21	2 38	23 19	0 18	15 33	0 6	17 57	4 51	17 39	17 16	15 38	10 40	0 50			
W13	23 10 22	12 5	5 16	28 4	0 18	16 1	1 25	22 16	0 11	22 14	0 9	9 21	2 38	23 20	0 18	15 33	0 6	17 57	4 51	17 41	17 17	15 35	10 41	0 50			
T 14	23 12 25	15 4	4 5	16 33	4 0	18 33	1 24	22 23	0 11	22 15	0 9	9 20	2 37	23 20	0 18	15 33	0 6	17 57	4 51	17 43	17 18	15 32	10 42	0 50			
F 15	23 15 26	48 4	6 16	40 3	5 9	18 50	1 22	22 29	0 12	22 16	0 9	9 20	2 37	23 20	0 18	15 33	0 6	17 57	4 51	17 45	17 19	15 29	10 42	0 50			
S 16	23 17 26	33 3	12 16	49 3	5 7	19 7	1 20	22 35	0 13	22 17	0 8	9 20	2 37	23 20	0 18	15 34	0 6	17 57	4 51	17 46	17 20	15 26	10 43	0 50			
S 17	23 19 24	26 2	4 16	59 3	5 4	19 23	1 19	22 40	0 13	22 18	0 8	9 19	2 37	23 20	0 18	15 34	0 6	17 57	4 51	17 47	17 21	15 24	10 44	0 50			
M18	23 20 20	39 0	4 7	17 11	3 50	19 38	1 17	22 46	0 14	22 19	0 8	9 19	2 36	23 20	0 18	15 34	0 6	17 56	4 51	17 48	17 22	15 21	10 44	0 50			
T 19	23 21 15	36 0n33	17 24	3 46	19 53	1 15	22 51	0 15	22 20	0 8	9 19	2 36	23 21	0 18	15 34	0 6	17 56	4 51	17 48	17 22	15 18	10 45	0 50				
W20	23 21 9	41 1	49 17	37 3	41 20	7 1	13 22	56 0	15	22 21	0 8	9 18	2 36	23 21	0 18	15 35	0 6	17 56	4 51	17 48	17 23	15 15	10 46	0 50			
T 21	23 21 3	22 2	58 17	52 3	35 20	21 1	11 23	1 0	16	22 21	0 8	9 18	2 36	23 21	0 18	15 35	0 6	17 56	4 50	17 47	17 24	15 12	10 47	0 50			
F 22	23 21 2n59	3 55	18 8	3 28	20 35	1 9	23 5	0 17	22 22	0 8	9 18	2 35	23 21	0 18	15 35	0 6	17 56	4 50	17 47	17 25	15 9	10 47	0 50				
S 23	23 20 9	5 4	37 18	25 3	21 20	47 1	7 23	10 0	17	22 23	0 8	9 18	2 35	23 21	0 18	15 36	0 6	17 56	4 50	17 47	17 26	15 7	10 48	0 50			
S 24	23 19 14	38 5	3 18	42 3	13 21	0 1	5 23	14 0	18	22 24	0 7	9 18	2 35	23 21	0 18	15 36	0 6	17 56	4 50	17 48	17 27	15 4	10 48	0 50			
M25	23 17 19	23 5	11 19	0 3	5 21	11 1	3 23	18 0	18	22 25	0 7	9 18	2 35	23 22	0 18	15 36	0 6	17 56	4 50	17 49	17 28	15 1	10 49	0 50			
T 26	23 15 23	7 5	4 19	18 2	56 21	23 1	0 23	21 0	19	22 26	0 7	9 18	2 34	23 22	0 18	15 37	0 6	17 56	4 50	17 50	17 28	14 58	10 50	0 50			
W27	23 13 25	39 4	41 19	37 2	47 21	33 0	58 23	25 0	20	22 27	0 7	9 18	2 34	23 22	0 18	15 37	0 6	17 56	4 50	17 51	17 29	14 55	10 50	0 50			
T 28	23 10 26	50 4	5 19	55 2	37 21	43 0	56 23	28 0	20	22 28	0 7	9 18	2 34	23 22	0 18	15 37	0 6	17 56	4 50	17 53	17 30	14 52	10 51	0 50			
F 29	23 6 26	39 3	18 20	14 2	27 21	52 0	54 23	31 0	21	22 29	0 7	9 18	2 34	23 22	0 18	15 38	0 6	17 56	4 50	17 54	17 31	14 49	10 51	0 50			
S 30	23n 3	25n11	2n23	20n33	2s16	22n 1	0s51	23n34	0n22	22s30	0n 7	9s18	2n33	23s22	0s18	15s38	0n 6	17n56	4s50	17s55	17s32	14n47	10n52	0n50			

## ASTRODIENST EPHEMERIS for the year 2660

JULY 2660

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 38 10	10°58'58	24°58'06	19°11'21	19°11'52	24°11'20	14°R 0	0°R46	8°R33	16°R49	12°52'52	9°R 3	10°33'30	18°12'26	26°11'16	S 1
M 2	18 42 6	10°58'17	6°00'00	20°53'21	21°5'25	25°2'13	13°53'53	0°M46	8°30'30	16°44'48	12°53'52	9°D 2	10°26'26	18°8'26	26°17'17	M 2
T 3	18 46 3	11°55'35	17°49'09	22°28'22	22°18'25	25°44'13	13°45'00	0°D45	8°28'28	16°47'47	12°54'54	9°33'33	10°23'23	18°15'15	26°18'18	T 3
W 4	18 49 59	12°52'52	29°36'24	24°6'23	23°30'27	26°26'13	13°37'04	0°45'45	8°25'25	16°45'45	12°56'56	9°44'44	10°20'20	18°22'22	26°20'20	W 4
T 5	18 53 56	13°50'09	11°17'25	25°47'24	24°43'27	27°8'13	13°29'04	0°46'46	8°23'23	16°44'44	12°57'57	9°55'55	10°17'17	18°28'28	26°21'21	T 5
F 6	18 57 52	14°47'25	23°18'23	27°31'27	25°56'27	27°49'13	13°22'04	0°46'46	8°21'21	16°43'43	12°59'59	9°7'07	10°14'14	18°35'35	26°22'22	F 6
S 7	19 1 49	15°44'41	5°23'23	29°18'29	27°9'28	28°31'13	13°14'04	0°46'46	8°18'18	16°42'42	13°0'00	9°8'08	10°10'10	18°42'42	26°23'23	S 7
S 8	19 5 45	16°41'56	17°42'17	19°8'19	28°22'29	29°13'13	13°6'06	0°47'47	8°16'16	16°40'40	13°2'02	9°R 9	10°7'07	18°48'48	26°24'24	S 8
M 9	19 9 42	17°39'10	0°11'20	3°1'29	29°36'29	29°54'54	12°59'04	0°47'47	8°13'13	16°39'39	13°3'03	9°8'08	10°4'04	18°55'55	26°25'25	M 9
T 10	19 13 39	18°36'25	13°22'44	4°56'05	0°54'49	0°53'36	12°51'04	0°48'48	8°11'11	16°37'37	13°5'05	9°7'07	10°1'01	19°1'01	26°27'27	T 10
W 11	19 17 35	19°33'38	26°50'06	6°54'29	2°2'17	1°17'17	12°44'04	0°49'49	8°9'09	16°36'36	13°6'06	9°4'04	9°58'58	19°8'08	26°27'27	W 11
T 12	19 21 32	20°30'52	10°14'45	8°54'31	3°15'15	1°59'59	12°36'04	0°49'49	8°6'06	16°35'35	13°8'08	9°2'02	9°55'55	19°15'15	26°28'28	T 12
F 13	19 25 28	21°28'05	25°6'10	10°57'42	2°40'24	2°40'24	12°29'04	0°50'50	8°4'04	16°33'33	13°9'09	9°0'00	9°51'51	19°21'21	26°29'29	F 13
S 14	19 29 25	22°25'18	9°38'48	13°1'13	5°41'32	3°21'12	12°21'04	0°51'51	8°1'01	16°32'32	13°10'10	8°58'58	9°48'48	19°28'28	26°30'30	S 14
S 15	19 33 21	23°22'31	24°45'15	15°7'06	6°54'44	4°3'12	12°14'04	0°53'53	7°59'59	16°30'30	13°12'12	8°57'57	9°45'45	19°35'35	26°31'31	S 15
M 16	19 37 18	24°19'43	9°50'50	17°14'08	8°7'04	4°44'44	12°6'06	0°54'54	7°57'57	16°29'29	13°13'13	8°D 56	9°42'42	19°41'41	26°32'32	M 16
T 17	19 41 14	25°16'56	24°52'19	19°22'09	9°21'52	5°25'25	11°59'04	0°55'55	7°54'54	16°27'27	13°15'15	8°57'57	9°39'39	19°48'48	26°32'32	T 17
W 18	19 45 11	26°14'09	9°14'44	21°32'10	10°34'06	6°6'11	11°52'04	0°57'57	7°52'52	16°26'26	13°16'16	8°58'58	9°36'36	19°55'55	26°33'33	W 18
T 19	19 49 8	27°11'22	24°20'23	23°41'11	11°47'04	6°47'47	11°44'04	0°58'58	7°50'50	16°24'24	13°18'18	8°58'58	9°32'32	20°1'01	26°33'33	T 19
F 20	19 53 4	28°8'35	8°13'36	25°51'13	13°0'00	7°28'28	11°37'04	1°0'00	7°48'48	16°23'23	13°19'19	8°59'59	9°29'29	20°8'08	26°34'34	F 20
S 21	19 57 1	29°5'49	22°29'28	28°1'14	14°14'08	8°9'11	11°30'04	1°1'01	7°45'45	16°21'21	13°21'21	9°0'00	9°26'26	20°15'15	26°34'34	S 21
S 22	20 0 57	0°11'30	5°8'59	0°11'11	15°27'08	8°50'50	11°23'04	1°3'03	7°43'43	16°20'20	13°22'22	9°R 0	9°23'23	20°21'21	26°35'35	S 22
M 23	20 4 54	1°0'18	19°8'19	2°19'19	16°40'40	9°31'31	11°16'16	1°5'05	7°41'41	16°18'18	13°23'23	8°59'59	9°20'20	20°28'28	26°35'35	M 23
T 24	20 8 50	1°57'34	1°11'58	4°28'28	17°54'54	10°12'12	11°10'10	1°7'07	7°39'39	16°17'17	13°25'25	8°59'59	9°16'16	20°35'35	26°36'36	T 24
W 25	20 12 47	2°54'50	14°32'32	6°35'19	19°7'10	10°52'52	11°3'03	1°9'09	7°37'37	16°15'15	13°26'26	8°58'58	9°13'13	20°41'41	26°36'36	W 25
T 26	20 16 43	3°52'06	26°52'02	8°41'20	20°20'11	11°33'33	10°56'56	1°11'11	7°35'35	16°14'14	13°28'28	8°57'57	9°10'10	20°48'48	26°36'36	T 26
F 27	20 20 40	4°49'23	9°50'00	10°45'21	21°34'12	12°14'14	10°50'50	1°14'14	7°32'32	16°12'12	13°29'29	8°57'57	9°7'07	20°55'55	26°36'36	F 27
S 28	20 24 37	5°46'40	21°0'00	12°49'22	22°47'22	12°54'54	10°44'44	1°16'16	7°30'30	16°10'10	13°30'30	8°56'56	9°4'04	21°1'01	26°36'36	S 28
S 29	20 28 33	6°43'58	2°11'53	14°50'24	24°1'13	13°35'35	10°37'37	1°19'19	7°28'28	16°9'09	13°32'32	8°56'56	9°1'01	21°8'08	26°R 36	S 29
M 30	20 32 30	7°41'16	14°42'14	16°51'25	25°14'14	14°15'15	10°31'31	1°21'21	7°26'26	16°7'07	13°33'33	8°D 56	8°57'57	21°14'14	26°36'36	M 30
T 31	20 36 26	8°138'34	26°130	18°149	26°28	14°56	10°25	1°124	7°24	16°6	13°34	8°R 56	8°54	21°121	26°136	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	22n59	22n33	1n21	20n51	2s 5	22n 9	0s49	23n36	0n22	22s31	0n 7	9s18	2n33	23s23	0s18	S 1
M 2	22 54	18 58	0 17	21 9	1 54	22 17	0 47	23 39	0 23	22 32	0 6	9 18	2 33	23 23	0 18	M 2
T 3	22 49	14 40	0s48	21 26	1 42	22 24	0 44	23 41	0 23	22 33	0 6	9 19	2 33	23 23	0 18	T 3
W 4	22 44	9 50	1 51	21 43	1 31	22 30	0 42	23 42	0 24	22 34	0 6	9 19	2 32	23 23	0 18	W 4
T 5	22 38	4 39	2 49	21 59	1 19	22 36	0 39	23 44	0 25	22 34	0 6	9 19	2 32	23 23	0 18	T 5
F 6	22 32	0s44	3 40	22 13	1 7	22 41	0 37	23 46	0 25	22 35	0 6	9 20	2 32	23 23	0 18	F 6
S 7	22 26	6 9	4 23	22 26	0 55	22 45	0 35	23 47	0 26	22 36	0 6	9 20	2 32	23 24	0 18	S 7
S 8	22 19	11 27	4 54	22 38	0 43	22 49	0 32	23 48	0 27	22 37	0 6	9 20	2 31	23 24	0 18	S 8
M 9	22 12	16 25	5 12	22 48	0 31	22 52	0 30	23 48	0 27	22 38	0 5	9 21	2 31	23 24	0 18	M 9
T 10	22 4	20 48	5 15	22 57	0 19	22 54	0 27	23 49	0 28	22 39	0 5	9 21	2 31	23 24	0 18	T 10
W 11	21 56	24 15	5 1	23 3	0 7	22 56	0 25	23 49	0 28	22 40	0 5	9 22	2 30	23 24	0 18	W 11
T 12	21 48	26 25	4 29	23 7	0n 4	22 57	0 22	23 49	0 29	22 41	0 5	9 22	2 30	23 24	0 18	T 12
F 13	21 39	26 55	3 39	23 9	0 15	22 57	0 20	23 49	0 30	22 41	0 5	9 23	2 30	23 25	0 18	F 13
S 14	21 30	25 34	2 34	23 9	0 26	22 57	0 17	23 49	0 30	22 42	0 5	9 23	2 30	23 25	0 18	S 14
S 15	21 20	22 23	1 18	23 6	0 36	22 56	0 15	23 48	0 31	22 43	0 5	9 24	2 29	23 25	0 18	S 15
M 16	21 11	17 39	0n 5	23 0	0 46	22 54	0 12	23 48	0 31	22 44	0 5	9 25	2 29	23 25	0 18	M 16
T 17	21 0	11 49	1 27	22 52	0 55	22 52	0 9	23 47	0 32	22 45	0 4	9 25	2 29	23 25	0 18	T 17
W 18	20 50	5 23	2 43	22 41	1 3	22 49	0 7	23 46	0 33	22 45	0 4	9 26	2 29	23 25	0 18	W 18
T 19	20 39	1n13	3 46	22 27	1 11	22 46	0 4	23 44	0 33	22 46	0 4	9 27	2 28	23 25	0 18	T 19
F 20	20 28	7 36	4 34	22 11	1 18	22 41	0 2	23 43	0 34	22 47	0 4	9 28	2 28	23 26	0 18	F 20
S 21	20 16	13 25	5 4	21 52	1 25	22 36	0n 1	23 41	0 34	22 48	0 4	9 29	2 28	23 26	0 18	S 21
S 22	20 4	18 27	5 17	21 31	1 30	22 31	0 3	23 39	0 35	22 48	0 4	9 30	2 28	23 26	0 18	S 22
M 23	19 52	22 27	5 12	21 7	1 35	22 25	0 6	23 36	0 36	22 49	0 4	9 30	2 27	23 26	0 18	M 23
T 24	19 39	25 15	4 52	20 41	1 39	22 18	0 8	23 34	0 36	22 50	0 3	9 31	2 27	23 26	0 18	T 24
W 25	19 26	26 44	4 18	20 13	1 42	22 10	0 10	23 31	0 37	22 51	0 3	9 32	2 27	23 26	0 18	W 25
T 26	19 13	26 52	3 33	19 43	1 45	22 2	0 13	23 29	0 37	22 51	0 3	9 33	2 27	23 26	0 18	T 26
F 27	19 0	25 41	2 39	19 11	1 46	21 53	0 15	23 26	0 38	22 52	0 3	9 34	2 26	23 26	0 18	F 27
S 28	18 46	23 20	1 38	18 37	1 47	21 44	0 18	23 22	0 39	22 53	0 3	9 35	2 26	23 27	0 18	S 28
S 29	18 31	19 59	0 34	18 3	1 48	21 34	0 20	23 19	0 39	22 53	0 3	9 36	2 26	23 27	0 18	S 29
M 30	18 17	15 51	0s32	17 26	1 47	21 23	0 23	23 15	0 40	22 54	0 3	9 38	2 25	23 27	0 18	M 30
T 31	18n 2	11n 8	1s36	16n49	1n46	21n12	0n25	23n11	0n40	22s54	0n 2	9s39	2n25	23s27	0s18	T 31

Julian Day Number = 2692786.5, Delta T = 24m20s

Ecliptic obliquity = 23°21'18, Nutation = 0°00'14

Ayanamsha: Fagan/Bradley = 33°58'47, Lahiri = 33°05'47

## ASTRODIENST EPHEMERIS for the year 2660

AUGUST 2660

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 40 23	9♂35'53	8♂17	20♂46	27♂41	15♂36	10♂R19	1♂27	7♂R22	16♂R 4	13♂36	8♂R56	8♂51	21♂28	26♂R36	W 1
T 2	20 44 19	10°33'13	20° 8	22°41	28°55	16°17	10♂14	1°29	7♂21	16♂ 2	13°37	8♂56	8°48	21°34	26♂Y36	T 2
F 3	20 48 16	11°30'32	2♂ 5	24°35	0♂ 9	16°57	10° 8	1°32	7°19	16° 1	13°38	8°56	8°45	21°41	26°36	F 3
S 4	20 52 12	12°27'52	14°11	26°26	1°22	17°37	10° 2	1°35	7°17	15°59	13°40	8°55	8°42	21°48	26°35	S 4
S 5	20 56 9	13°25'12	26°31	28°16	2°36	18°17	9°57	1°38	7°15	15°58	13°41	8°55	8°38	21°54	26°35	S 5
M 6	21 0 6	14°22'33	9♂ 8	0♂ 4	3°50	18°58	9°52	1°42	7°13	15°56	13°42	8°D55	8°35	22° 1	26°35	M 6
T 7	21 4 2	15°19'54	22° 5	1°51	5° 3	19°38	9°47	1°45	7°11	15°54	13°44	8°55	8°32	22° 8	26°34	T 7
W 8	21 7 59	16°17'16	5♂17	3°36	6°17	20°18	9°42	1°48	7°10	15°53	13°45	8°55	8°29	22°14	26°34	W 8
T 9	21 11 55	17°14'38	19°14	5°19	7°31	20°58	9°37	1°52	7° 8	15°51	13°46	8°56	8°26	22°21	26°33	T 9
F 10	21 15 52	18°12'00	3♂27	7° 0	8°44	21°38	9°33	1°55	7° 6	15°49	13°47	8°57	8°22	22°28	26°33	F 10
S 11	21 19 48	19° 9'23	18° 5	8°40	9°58	22°18	9°28	1°59	7° 5	15°48	13°49	8°57	8°19	22°34	26°32	S 11
S 12	21 23 45	20° 6'47	3♂ 2	10°18	11°12	22°57	9°24	2° 3	7° 3	15°46	13°50	8°R58	8°16	22°41	26°31	S 12
M13	21 27 42	21° 4'12	18°12	11°54	12°26	23°37	9°20	2° 6	7° 2	15°45	13°51	8°58	8°13	22°48	26°31	M13
T 14	21 31 38	22° 1'37	3♂25	13°28	13°40	24°17	9°16	2°10	7° 0	15°43	13°52	8°57	8°10	22°54	26°30	T 14
W15	21 35 35	22°59'03	18°31	15° 1	14°53	24°57	9°12	2°14	6°59	15°41	13°53	8°56	8° 7	23° 1	26°29	W15
T 16	21 39 31	23°56'30	3♂23	16°32	16° 7	25°36	9° 9	2°18	6°57	15°40	13°55	8°54	8° 3	23° 7	26°28	T 16
F 17	21 43 28	24°53'58	17°52	18° 2	17°21	26°16	9° 5	2°22	6°56	15°38	13°56	8°52	8° 0	23°14	26°27	F 17
S 18	21 47 24	25°51'28	1♂55	19°30	18°35	26°55	9° 2	2°27	6°55	15°36	13°57	8°50	7°57	23°21	26°26	S 18
S 19	21 51 21	26°48'58	15°31	20°56	19°49	27°35	8°59	2°31	6°53	15°35	13°58	8°49	7°54	23°27	26°25	S 19
M20	21 55 17	27°46'31	28°41	22°20	21° 3	28°14	8°56	2°35	6°52	15°33	13°59	8°D49	7°51	23°34	26°24	M20
T 21	21 59 14	28°44'04	11♂28	23°42	22°17	28°54	8°53	2°40	6°51	15°32	14° 0	8°49	7°48	23°41	26°23	T 21
W22	22 3 10	29°41'39	23°55	25° 3	23°31	29°33	8°51	2°44	6°50	15°30	14° 1	8°51	7°44	23°47	26°22	W22
T 23	22 7 7	0♂39'15	6♂ 6	26°22	24°45	0♂12	8°48	2°49	6°48	15°29	14° 2	8°52	7°41	23°54	26°21	T 23
F 24	22 11 4	1°36'53	18° 5	27°39	25°59	0°52	8°46	2°53	6°47	15°27	14° 3	8°54	7°38	24° 1	26°20	F 24
S 25	22 15 0	2°34'32	29°58	28°54	27°13	1°31	8°44	2°58	6°46	15°26	14° 5	8°55	7°35	24° 7	26°18	S 25
S 26	22 18 57	3°32'12	11♂46	0♂ 7	28°27	2°10	8°42	3° 3	6°45	15°24	14° 6	8°R55	7°32	24°14	26°17	S 26
M27	22 22 53	4°29'54	23°33	1°18	29°41	2°49	8°41	3° 8	6°44	15°22	14° 7	8°54	7°28	24°21	26°15	M27
T 28	22 26 50	5°27'37	5♂21	2°26	0♂56	3°28	8°39	3°13	6°44	15°21	14° 8	8°52	7°25	24°27	26°14	T 28
W29	22 30 46	6°25'21	17°13	3°33	2°10	4° 7	8°38	3°18	6°43	15°19	14° 9	8°48	7°22	24°34	26°13	W29
T 30	22 34 43	7°23'06	29°10	4°37	3°24	4°46	8°37	3°23	6°42	15°18	14° 9	8°44	7°19	24°41	26°11	T 30
F 31	22 38 39	8♂20'53	11♂15	5♂39	4♂38	5♂25	8♂36	3♂28	6♂41	15♂16	14♂10	8♂39	7♂16	24♂47	26♂Y 9	F 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	17n47	6n 1	2s36	16n10	1n45	21n 0	0n27	23n 7	0n41	22s55	0n 2	9s40	2n25	23s27	0s18	15s52
T 2	17 32	0 41	3 30	15 31	1 42	20 47	0 29	23 3	0 42	22 56	0 2	9 41	2 25	23 27	0 18	15 53
F 3	17 16	4s43	4 14	14 51	1 40	20 34	0 32	22 59	0 42	22 56	0 2	9 42	2 24	23 27	0 18	15 53
S 4	17 0	10 1	4 49	14 10	1 36	20 20	0 34	22 54	0 43	22 57	0 2	9 44	2 24	23 27	0 18	15 54
S 5	16 44	15 1	5 10	13 29	1 32	20 6	0 36	22 50	0 43	22 57	0 2	9 45	2 24	23 27	0 18	15 54
M 6	16 28	19 30	5 18	12 47	1 28	19 51	0 38	22 45	0 44	22 58	0 2	9 46	2 24	23 28	0 18	15 55
T 7	16 11	23 12	5 9	12 4	1 23	19 35	0 40	22 39	0 44	22 58	0 1	9 48	2 24	23 28	0 18	15 55
W 8	15 54	25 48	4 44	11 21	1 17	19 19	0 43	22 34	0 45	22 59	0 1	9 49	2 23	23 28	0 18	15 56
T 9	15 37	26 57	4 2	10 39	1 12	19 3	0 45	22 29	0 46	22 59	0 1	9 50	2 23	23 28	0 18	15 56
F 10	15 19	26 23	3 5	9 56	1 6	18 46	0 47	22 23	0 46	23 0	0 1	9 52	2 23	23 28	0 18	15 57
S 11	15 2	24 1	1 53	9 12	0 59	18 28	0 49	22 17	0 47	23 0	0 1	9 53	2 23	23 28	0 18	15 57
S 12	14 44	19 57	0 33	8 29	0 52	18 10	0 51	22 11	0 47	23 1	0 1	9 55	2 22	23 28	0 18	15 58
M13	14 25	14 31	0n51	7 46	0 45	17 51	0 52	22 5	0 48	23 1	0 1	9 56	2 22	23 28	0 18	15 58
T 14	14 7	8 10	2 11	7 3	0 37	17 32	0 54	21 59	0 48	23 1	0 1	9 58	2 22	23 28	0 18	15 59
W15	13 48	1 25	3 22	6 20	0 30	17 12	0 56	21 52	0 49	23 2	0 0	9 59	2 22	23 28	0 18	15 59
T 16	13 30	5n17	4 18	5 37	0 21	16 52	0 58	21 45	0 50	23 2	0 0	10 1	2 21	23 28	0 18	16 0
F 17	13 11	11 32	4 55	4 55	0 13	16 32	1 0	21 39	0 50	23 3	0 0	10 3	2 21	23 28	0 18	16 0
S 18	12 51	17 0	5 14	4 13	0 4	16 10	1 1	21 32	0 51	23 3	0 0	10 4	2 21	23 28	0 18	16 0
S 19	12 32	21 26	5 14	3 31	0s 4	15 49	1 3	21 25	0 51	23 3	0s 0	10 6	2 21	23 29	0 18	16 1
M20	12 12	24 38	4 58	2 50	0 13	15 27	1 4	21 17	0 52	23 4	0 0	10 8	2 21	23 29	0 18	16 1
T 21	11 52	26 29	4 27	2 9	0 23	15 5	1 6	21 10	0 52	23 4	0 0	10 9	2 20	23 29	0 18	16 2
W22	11 32	26 56	3 44	1 28	0 32	14 42	1 7	21 2	0 53	23 4	0 0	10 11	2 20	23 29	0 18	16 2
T 23	11 12	26 4	2 51	0 48	0 41	14 18	1 9	20 54	0 53	23 4	0 1	10 13	2 20	23 29	0 18	16 3
F 24	10 52	24 0	1 52	0 9	0 51	13 55	1 10	20 46	0 54	23 5	0 1	10 14	2 20	23 29	0 18	16 3
S 25	10 31	20 53	0 49	0s30	1 1	13 31	1 12	20 38	0 55	23 5	0 1	10 16	2 19	23 29	0 18	16 4
S 26	10 11	16 57	0s16	1 8	1 11	13 6	1 13	20 30	0 55	23 5	0 1	10 18	2 19	23 29	0 18	16 4
M27	9 50	12 22	1 20	1 45	1 21	12 42	1 14	20 22	0 56	23 5	0 1	10 20	2 19	23 29	0 18	16 5
T 28	9 29	7 20	2 20	2 21	1 31	12 17	1 15	20 13	0 56	23 6	0 1	10 22	2 19	23 29	0 18	16 5
W29	9 7	2 2	3 15	2 57	1 41	11 51	1 16	20 5	0 57	23 6	0 1	10 24	2 19	23 29	0 18	16 6
T 30	8 46	3s22	4 1	3 31	1 51	11 25	1 17	19 56	0 57	23 6	0 1	10 26	2 18	23 29	0 18	16 6
F 31	8n25	8s42	4s38	4s 5	2s 1	10n59	1n18	19n47	0n58	23s 6	0s 2	10s27	2n18	23s29	0s18	16s 7

Julian Day Number = 2692817.5, Delta T = 24m20s

Ecliptic obliquity = 23°21'18, Nutation = 0°00'15

Ayanamsha: Fagan/Bradley = 33°58'51, Lahiri = 33°05'51

## ASTRODIENST EPHEMERIS for the year 2660

SEPTEMBER 2660

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 42 36	9♏18'40	23♏29	6♏38	5♏52	6♏4	8°R35	3♏33	6°R40	15°R15	14♏11	8°R34	7♏13	24♏54	26°R 8	S 1
S 2	22 46 33	10°16'29	5♏55	7°34	7° 7	6°43	8♏35	3°38	6♏40	15♏14	14°12	8♏29	7° 9	25° 1	26°Y 6	S 2
M 3	22 50 29	11°14'19	18°35	8°27	8°21	7°22	8°34	3°44	6°39	15°12	14°13	8°26	7° 6	25° 7	26° 4	M 3
T 4	22 54 26	12°12'11	1♏32	9°18	9°35	8° 0	8°D34	3°49	6°39	15°11	14°14	8°24	7° 3	25°14	26° 3	T 4
W 5	22 58 22	13°10'03	14°48	10° 5	10°49	8°39	8°34	3°54	6°38	15° 9	14°15	8°D24	7° 0	25°20	26° 1	W 5
T 6	23 2 19	14° 7'57	28°25	10°49	12° 4	9°18	8°35	4° 0	6°38	15° 8	14°16	8°24	6°57	25°27	25°59	T 6
F 7	23 6 15	15° 5'52	12♏26	11°29	13°18	9°56	8°35	4° 6	6°37	15° 7	14°17	8°26	6°54	25°34	25°57	F 7
S 8	23 10 12	16° 3'48	26°50	12° 5	14°32	10°35	8°36	4°11	6°37	15° 5	14°17	8°27	6°50	25°40	25°55	S 8
S 9	23 14 8	17° 1'46	11♏34	12°37	15°47	11°13	8°37	4°17	6°37	15° 4	14°18	8°R27	6°47	25°47	25°53	S 9
M10	23 18 5	17°59'44	26°34	13° 5	17° 1	11°52	8°38	4°23	6°36	15° 3	14°19	8°26	6°44	25°54	25°51	M10
T 11	23 22 2	18°57'44	11♏42	13°28	18°15	12°30	8°39	4°28	6°36	15° 1	14°20	8°23	6°41	26° 0	25°49	T 11
W12	23 25 58	19°55'46	26°49	13°46	19°30	13° 8	8°40	4°34	6°36	15° 0	14°20	8°18	6°38	26° 7	25°47	W12
T 13	23 29 55	20°53'49	11°Y45	13°59	20°44	13°47	8°42	4°40	6°36	14°59	14°21	8°12	6°34	26°14	25°45	T 13
F 14	23 33 51	21°51'54	26°22	14° 7	21°59	14°25	8°43	4°46	6°36	14°58	14°22	8° 6	6°31	26°20	25°43	F 14
S 15	23 37 48	22°50'01	10♏33	14°R 9	23°13	15° 3	8°45	4°52	6°D36	14°56	14°22	7°59	6°28	26°27	25°41	S 15
S 16	23 41 44	23°48'10	24°16	14° 4	24°28	15°41	8°47	4°58	6°36	14°55	14°23	7°54	6°25	26°34	25°39	S 16
M17	23 45 41	24°46'21	7♏31	13°54	25°42	16°19	8°50	5° 4	6°36	14°54	14°24	7°51	6°22	26°40	25°37	M17
T 18	23 49 37	25°44'33	20°19	13°37	26°57	16°57	8°52	5°10	6°36	14°53	14°24	7°D49	6°19	26°47	25°34	T 18
W19	23 53 34	26°42'48	2♏46	13°13	28°11	17°35	8°55	5°17	6°36	14°52	14°25	7°49	6°15	26°54	25°32	W19
T 20	23 57 31	27°41'05	14°55	12°44	29°26	18°13	8°58	5°23	6°36	14°51	14°25	7°50	6°12	27° 0	25°30	T 20
F 21	0 1 27	28°39'24	26°51	12° 7	0♏40	18°51	9° 1	5°29	6°37	14°50	14°26	7°51	6° 9	27° 7	25°27	F 21
S 22	0 5 24	29°37'44	8♏40	11°25	1°55	19°29	9° 4	5°36	6°37	14°49	14°26	7°R52	6° 6	27°14	25°25	S 22
S 23	0 9 20	0♏36'07	20°27	10°37	3° 9	20° 6	9° 7	5°42	6°37	14°48	14°27	7°51	6° 3	27°20	25°23	S 23
M24	0 13 17	1°34'32	2♏15	9°43	4°24	20°44	9°11	5°48	6°38	14°47	14°27	7°48	5°59	27°27	25°20	M24
T 25	0 17 13	2°32'58	14° 7	8°46	5°38	21°22	9°15	5°55	6°38	14°46	14°28	7°43	5°56	27°34	25°18	T 25
W26	0 21 10	3°31'27	26° 6	7°45	6°53	21°59	9°19	6° 1	6°39	14°45	14°28	7°35	5°53	27°40	25°15	W26
T 27	0 25 6	4°29'57	8♏14	6°43	8° 8	22°37	9°23	6° 8	6°40	14°44	14°29	7°25	5°50	27°47	25°13	T 27
F 28	0 29 3	5°28'29	20°32	5°40	9°22	23°14	9°27	6°15	6°40	14°43	14°29	7°14	5°47	27°54	25°10	F 28
S 29	0 32 59	6°27'03	3♏ 0	4°37	10°37	23°52	9°31	6°21	6°41	14°42	14°29	7° 3	5°44	28° 0	25° 8	S 29
S 30	0 36 56	7♏25'39	15♏40	3♏38	11♏51	24♏29	9♏36	6♏28	6♏42	14♏41	14♏30	6♏53	5♏40	28♏ 7	25°Y 5	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	8n 3	13s46	5s 2	4s37	2s11	10n33	1n19	19n38	0n58	23s 6	0s 2	10s29	2n18	23s29	0s18	16s 7	0n 6	17n48	4s49	18s 3	18s24	11n42	10n48	0n48			
S 2	7 41	18 21	5 12	5 9	2 21	10 6	1 20	19 29	0 59	23 6	0 2	10 31	2 18	23 29	0 18	16 7	0 6	17 48	4 50	18 5	18 25	11 39	10 47	0 48			
M 3	7 20	22 13	5 7	5 39	2 31	9 39	1 21	19 19	0 59	23 7	0 2	10 33	2 18	23 29	0 18	16 8	0 6	17 48	4 50	18 5	18 26	11 36	10 47	0 48			
T 4	6 58	25 5	4 47	6 8	2 40	9 12	1 21	19 10	1 0	23 7	0 2	10 35	2 18	23 29	0 18	16 8	0 6	17 48	4 50	18 6	18 27	11 33	10 46	0 48			
W 5	6 35	26 40	4 12	6 35	2 50	8 45	1 22	19 0	1 0	23 7	0 2	10 37	2 17	23 29	0 18	16 9	0 6	17 48	4 50	18 6	18 27	11 30	10 45	0 48			
T 6	6 13	26 42	3 21	7 1	2 59	8 17	1 23	18 51	1 1	23 7	0 2	10 39	2 17	23 29	0 18	16 9	0 6	17 48	4 50	18 6	18 28	11 27	10 45	0 48			
F 7	5 51	25 3	2 17	7 25	3 8	7 49	1 23	18 41	1 2	23 7	0 2	10 41	2 17	23 29	0 18	16 9	0 6	17 47	4 50	18 6	18 29	11 24	10 44	0 48			
S 8	5 29	21 45	1 3	7 47	3 17	7 21	1 24	18 31	1 2	23 7	0 2	10 43	2 17	23 29	0 18	16 10	0 6	17 47	4 50	18 5	18 30	11 21	10 43	0 48			
S 9	5 6	16 59	0n17	8 8	3 26	6 53	1 24	18 21	1 3	23 7	0 3	10 45	2 17	23 29	0 18	16 10	0 6	17 47	4 50	18 5	18 31	11 18	10 42	0 48			
M10	4 44	11 6	1 37	8 26	3 34	6 24	1 24	18 11	1 3	23 7	0 3	10 47	2 16	23 29	0 18	16 11	0 6	17 47	4 50	18 5	18 31	11 15	10 42	0 47			
T 11	4 21	4 31	2 51	8 42	3 42	5 56	1 25	18 1	1 4	23 7	0 3	10 50	2 16	23 29	0 18	16 11	0 6	17 47	4 50	18 6	18 32	11 12	10 41	0 47			
W12	3 58	2n17	3 52	8 56	3 49	5 27	1 25	17 50	1 4	23 7	0 3	10 52	2 16	23 29	0 18	16 11	0 6	17 47	4 50	18 7	18 33	11 9	10 40	0 47			
T 13	3 36	8 53	4 37	9 7	3 56	4 58	1 25	17 40	1 5	23 7	0 3	10 54	2 16	23 29	0 18	16 12	0 6	17 47	4 50	18 9	18 34	11 6	10 39	0 47			
F 14	3 13	14 50	5 3	9 15	4 1	4 28	1 25	17 29	1 5	23 7	0 3	10 56	2 16	23 29	0 18	16 12	0 5	17 47	4 50	18 11	18 35	11 3	10 38	0 47			
S 15	2 50	19 49	5 9	9 21	4 6	3 59	1 25	17 19	1 6	23 7	0 3	10 58	2 16	23 29	0 18	16 13	0 5	17 46	4 50	18 12	18 35	11 0	10 38	0 47			
S 16	2 27	23 34	4 57	9 23	4 10	3 30	1 25	17 8	1 6	23 7	0 3	11 0	2 16	23 29	0 18	16 13	0 5	17 46	4 50	18 14	18 36	10 57	10 37	0 47			
M17	2 4	25 54	4 29	9 21	4 13	3 0	1 25	16 57	1 7	23 7	0 3	11 2	2 15	23 29	0 18	16 13	0 5	17 46	4 50	18 15	18 37	10 54	10 36	0 47			
T 18	1 41	26 48	3 48	9 17	4 15	2 30	1 25	16 46	1 7	23 7	0 4	11 5	2 15	23 29	0 18	16 14	0 5	17 46	4 50	18 15	18 38	10 51	10 35	0 47			
W19	1 18	26 18	2 58	9 8	4 16	2 1	1 24	16 35	1 8	23 7	0 4	11 7	2 15	23 29	0 18	16 14	0 5	17 46	4 50	18 15	18 39	10 48	10 34	0 47			
T 20	0 55	24 31	2 1	8 55	4 15	1 31	1 24	16 24	1 8	23 7	0 4	11 9	2 15	23 29	0 18	16 14	0 5	17 46	4 50	18 15	18 39	10 45	10 33	0 47			
F 21	0 32	21 41	0 59	8 39	4 12	1 1	1 24	16 13	1 9	23 7	0 4	11 11	2 15	23 29	0 18	16 15	0 5	17 46	4 50	18 14	18 40	10 42	10 32	0 47			
S 22	0 9	17 58	0s 4	8 18	4 8	0 31	1 23	16 1	1 9	23 7	0 4	11 13	2 15	23 29	0 18	16 15	0 5	17 46	4 50	18 14	18 41	10 39	10 31	0 47			
S 23	0s14	13 33	1 7	7 54	4 2	0 1	1 23	15 50	1 10	23 7	0 4	11 16	2 15	23 29	0 18	16 15	0 5	17 46	4 51	18 15	18 42	10 36	10 31	0 47			
M24	0 37	8 39	2 7	7 25	3 54	0s29	1 22	15 39	1 10	23 6	0 4	11 18	2 14	23 29	0 18	16 16	0 5	17 45	4 51	18 15	18 43	10 33	10 30	0 47			
T 25	1 1	3 26	3 2	6 54	3 44	0 59	1 21	15 27	1 11	23 6	0 4	11 20	2 14	23 29	0 18	16 16	0 5	17 45	4 51	18 17	18 43	10 30	10 29	0 47			
W26	1 24	1s58	3 49	6 19	3 32	1 29	1 21	15 15	1 11	23 6	0 4	11 22	2 14	23 29	0 18	16 16	0 5	17 45	4 51	18 19	18 44	10 26	10 28	0 47			
T 27	1 47	7 20	4 26	5 42	3 19	1 59	1 20	15 4	1 12	23 6	0 4	11 25	2 14	23 29	0 18	16 16	0 5	17 45	4 51	18 21	18 45	10 23	10 27	0 47			
F 28	2 10	12 29	4 51	5 3	3 3	2 29	1 19	14 52	1 12	23 6	0 5	11 27	2 14	23 29	0 18	16 17	0 5	17 45	4 51	18 24	18 46	10 20	10 26	0 47			
S 29	2 33	17 13	5 3	4 23	2 46	2 59	1 18	14 40	1 13	23 6	0 5	11 29	2 14	23 29	0 18	16 17	0 5	17 45	4 51	18 27	18 46	10 17	10 25	0 46			
S 30	2s56	21s16	5s 1	3s42	2s28	3s29	1n17	14n28	1n13	23s 5	0s 5	11s31	2n14	23s29	0s18	16s17	0n 5	17n45	4s51	18s29	18s47	10n14	10n24	0n46			

## ASTRODIENST EPHEMERIS for the year 2660

OCTOBER 2660

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 40 53	8♂24°17'	28♂31	2°R42	13♂ 6	25♂ 7	9♂41	6♂35	6♂42	14°R40	14♂30	6°R45	5♂37	28♂13	25°R 3	M 1
T 2	0 44 49	9°22'56	11♂36	1♂51	14°21	25°44	9°46	6°41	6°43	14°R40	14°30	6°R40	5°34	28°20	25°R 0	T 2
W 3	0 48 46	10°21'37	24°54	1° 7	15°35	26°21	9°51	6°48	6°44	14°39	14°31	6°36	5°31	28°27	24°57	W 3
T 4	0 52 42	11°20'20	8♂28	0°32	16°50	26°58	9°56	6°55	6°45	14°38	14°31	6°D35	5°28	28°33	24°55	T 4
F 5	0 56 39	12°19'04	22°19	0° 5	18° 5	27°35	10° 2	7° 2	6°46	14°37	14°31	6°36	5°25	28°40	24°52	F 5
S 6	1 0 35	13°17'50	6♂27	29♂47	19°19	28°13	10° 7	7° 9	6°47	14°37	14°31	6°R36	5°21	28°47	24°50	S 6
S 7	1 4 32	14°16'38	20°53	29°D39	20°34	28°50	10°13	7°16	6°48	14°36	14°31	6°35	5°18	28°53	24°47	S 7
M 8	1 8 28	15°15'27	5♂32	29°42	21°49	29°26	10°19	7°23	6°50	14°36	14°32	6°32	5°15	29° 0	24°44	M 8
T 9	1 12 25	16°14'18	20°21	29°54	23° 4	0♂ 3	10°25	7°30	6°51	14°35	14°32	6°27	5°12	29° 7	24°42	T 9
W10	1 16 22	17°13'10	5♂13	0♂17	24°18	0°40	10°31	7°37	6°52	14°34	14°32	6°19	5° 9	29°13	24°39	W10
T 11	1 20 18	18°12'05	19°58	0°49	25°33	1°17	10°37	7°44	6°53	14°34	14°32	6° 9	5° 5	29°20	24°36	T 11
F 12	1 24 15	19°11'01	4♂29	1°31	26°48	1°54	10°44	7°51	6°55	14°33	14°32	5°58	5° 2	29°27	24°34	F 12
S 13	1 28 11	20°10'00	18°40	2°20	28° 2	2°30	10°51	7°58	6°56	14°33	14°32	5°47	4°59	29°33	24°31	S 13
S 14	1 32 8	21° 9'01	2♂24	3°18	29°17	3° 7	10°58	8° 5	6°58	14°33	14°R32	5°37	4°56	29°40	24°28	S 14
M15	1 36 4	22° 8'04	15°42	4°23	0♂32	3°43	11° 5	8°12	6°59	14°32	14°32	5°30	4°53	29°47	24°25	M15
T 16	1 40 1	23° 7'10	28°33	5°34	1°47	4°20	11°12	8°19	7° 1	14°32	14°32	5°26	4°50	29°53	24°23	T 16
W17	1 43 57	24° 6'18	11♂ 1	6°51	3° 1	4°56	11°19	8°26	7° 2	14°32	14°32	5°23	4°46	29°59	24°20	W17
T 18	1 47 54	25° 5'28	23°12	8°13	4°16	5°33	11°26	8°33	7° 4	14°31	14°32	5°D23	4°43	0♂ 7	24°17	T 18
F 19	1 51 51	26° 4'40	5♂ 9	9°39	5°31	6° 9	11°34	8°41	7° 6	14°31	14°32	5°R23	4°40	0°13	24°15	F 19
S 20	1 55 47	27° 3'54	16°58	11° 8	6°46	6°45	11°42	8°48	7° 7	14°31	14°32	5°22	4°37	0°20	24°12	S 20
S 21	1 59 44	28° 3'11	28°45	12°41	8° 0	7°22	11°49	8°55	7° 9	14°31	14°32	5°21	4°34	0°27	24° 9	S 21
M22	2 3 40	29° 2'30	10♂36	14°16	9°15	7°58	11°57	9° 2	7°11	14°30	14°31	5°16	4°31	0°33	24° 6	M22
T23	2 7 37	0♂ 1'51	22°33	15°54	10°30	8°34	12° 6	9° 9	7°13	14°30	14°31	5° 9	4°27	0°40	24° 4	T23
W24	2 11 33	1° 1'14	4♂40	17°33	11°45	9°10	12°14	9°17	7°15	14°30	14°31	4°59	4°24	0°47	24° 1	W24
T25	2 15 30	2° 0'40	17° 0	19°13	12°59	9°46	12°22	9°24	7°17	14°30	14°31	4°47	4°21	0°53	23°58	T25
F 26	2 19 26	3° 0'07	29°33	20°54	14°14	10°22	12°31	9°31	7°19	14°D30	14°31	4°33	4°18	1° 0	23°56	F 26
S 27	2 23 23	3°59'37	12♂20	22°36	15°29	10°57	12°39	9°39	7°21	14°30	14°30	4°20	4°15	1° 7	23°53	S 27
S 28	2 27 20	4°59'08	25°19	24°19	16°44	11°33	12°48	9°46	7°23	14°30	14°30	4° 7	4°11	1°13	23°50	S 28
M29	2 31 16	5°58'42	8♂31	26° 1	17°59	12° 9	12°57	9°53	7°25	14°30	14°30	3°56	4° 8	1°20	23°48	M29
T 30	2 35 13	6°58'17	21°53	27°44	19°13	12°44	13° 6	10° 0	7°27	14°30	14°29	3°49	4° 5	1°27	23°45	T 30
W31	2 39 9	7♂57'54	5♂25	29♂27	20♂28	13♂20	13♂15	10♂ 8	7♂29	14°R31	14♂29	3°R44	4° 2	1♂33	23°Y42	W31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	3s19	24s21	4s43	3s 3	2s 9	3s59	1n16	14n16	1n14	23s 5	0s 5	11s34	2n14	23s29	0s18	16s17
T 2	3 42	26 13	4 10	2 24	1 49	4 29	1 15	14 4	1 15	23 5	0 5	11 36	2 13	23 29	0 18	16 18
W 3	4 5	26 38	3 23	1 49	1 29	4 58	1 14	13 52	1 15	23 5	0 5	11 38	2 13	23 29	0 18	16 18
T 4	4 28	25 29	2 24	1 16	1 9	5 28	1 13	13 40	1 16	23 4	0 5	11 41	2 13	23 29	0 18	16 18
F 5	4 51	22 45	1 15	0 47	0 49	5 58	1 12	13 27	1 16	23 4	0 5	11 43	2 13	23 29	0 18	16 18
S 6	5 14	18 36	0 1	0 22	0 30	6 27	1 10	13 15	1 17	23 4	0 5	11 45	2 13	23 29	0 18	16 19
S 7	5 37	13 18	1n15	0 2	0 11	6 56	1 9	13 3	1 17	23 3	0 5	11 47	2 13	23 29	0 18	16 19
M 8	5 59	7 10	2 27	0n13	0n 7	7 25	1 8	12 50	1 18	23 3	0 6	11 50	2 13	23 28	0 18	16 19
T 9	6 22	0 35	3 30	0 24	0 23	7 54	1 6	12 38	1 18	23 2	0 6	11 52	2 13	23 28	0 18	16 19
W10	6 44	6n 2	4 19	0 29	0 39	8 23	1 5	12 25	1 19	23 2	0 6	11 54	2 13	23 28	0 18	16 19
T 11	7 7	12 15	4 50	0 29	0 53	8 52	1 3	12 13	1 19	23 2	0 6	11 57	2 13	23 28	0 18	16 19
F 12	7 29	17 42	5 2	0 24	1 5	9 20	1 2	12 0	1 20	23 1	0 6	11 59	2 13	23 28	0 18	16 20
S 13	7 51	22 2	4 54	0 14	1 16	9 48	1 0	11 47	1 20	23 1	0 6	12 1	2 12	23 28	0 18	16 20
S 14	8 13	24 59	4 30	0 1	1 26	10 16	0 58	11 35	1 21	23 0	0 6	12 4	2 12	23 28	0 18	16 20
M15	8 35	26 25	3 51	0s17	1 34	10 44	0 56	11 22	1 21	23 0	0 6	12 6	2 12	23 28	0 18	16 20
T 16	8 57	26 23	3 2	0 39	1 41	11 12	0 55	11 9	1 22	22 59	0 6	12 8	2 12	23 28	0 18	16 20
W17	9 19	24 59	2 5	1 4	1 47	11 39	0 53	10 56	1 22	22 59	0 6	12 11	2 12	23 28	0 18	16 20
T 18	9 41	22 26	1 4	1 32	1 51	12 6	0 51	10 44	1 23	22 58	0 6	12 13	2 12	23 28	0 18	16 20
F 19	10 2	18 56	0 1	2 3	1 55	12 33	0 49	10 31	1 23	22 58	0 7	12 15	2 12	23 28	0 18	16 20
S 20	10 24	14 44	1s 1	2 36	1 57	12 59	0 47	10 18	1 24	22 57	0 7	12 18	2 12	23 27	0 18	16 20
S 21	10 45	9 59	2 0	3 11	1 58	13 25	0 45	10 5	1 24	22 57	0 7	12 20	2 12	23 27	0 18	16 21
M22	11 6	4 52	2 55	3 47	1 59	13 51	0 43	9 52	1 25	22 56	0 7	12 22	2 12	23 27	0 18	16 21
T23	11 27	0s27	3 42	4 25	1 58	14 16	0 41	9 39	1 25	22 55	0 7	12 25	2 12	23 27	0 18	16 21
W24	11 47	5 49	4 20	5 4	1 57	14 41	0 39	9 26	1 26	22 55	0 7	12 27	2 12	23 27	0 18	16 21
T25	12 8	11 3	4 46	5 44	1 55	15 6	0 36	9 13	1 26	22 54	0 7	12 29	2 12	23 27	0 18	16 21
F 26	12 28	15 56	4 59	6 24	1 52	15 31	0 34	9 0	1 27	22 53	0 7	12 32	2 12	23 27	0 18	16 21
S 27	12 48	20 11	4 57	7 5	1 49	15 55	0 32	8 47	1 27	22 53	0 7	12 34	2 12	23 27	0 18	16 21
S 28	13 8	23 33	4 40	7 46	1 45	16 18	0 30	8 33	1 28	22 52	0 7	12 36	2 12	23 27	0 18	16 21
M29	13 28	25 43	4 8	8 27	1 41	16 41	0 27	8 20	1 28	22 51	0 7	12 39	2 12	23 26	0 18	16 21
T 30	13 48	26 28	3 22	9 8	1 37	17 4	0 25	8 7	1 29	22 50	0 7	12 41	2 12	23 26	0 18	16 21
W31	14s 7	25s38	2s23	9s48	1n32	17s26	0n23	7n54	1n29	22s49	0s 8	12s43	2n12	23s26	0s18	16s21

Julian Day Number = 2692878.5, Delta T = 24m21s

Ecliptic obliquity = 23°21'18, Nutation = 0°00'13

Ayanamsha: Fagan/Bradley = 33°59'00, Lahiri = 33°06'00

# ASTRODIENST EPHEMERIS for the year 2660

NOVEMBER 2660

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 43 6	8♈57°33	19♈6	1♈9	21♈43	13♈55	13♈24	10♈15	7♈32	14♈31	14°R29	3°R42	3♈59	1♈40	23°R40	T 1
F 2	2 47 2	9°57'14	2♈58	2°52	22°58	14°31	13°34	10°22	7°34	14°31	14°28	3♈41	3°56	1°47	23°V37	F 2
S 3	2 50 59	10°56'56	16°58	4°34	24°13	15° 6	13°43	10°30	7°36	14°31	14°28	3°41	3°52	1°53	23°35	S 3
S 4	2 54 55	11°56'40	1♈9	6°16	25°27	15°41	13°53	10°37	7°39	14°31	14°27	3°40	3°49	2° 0	23°32	S 4
M 5	2 58 52	12°56'25	15°28	7°57	26°42	16°17	14° 3	10°44	7°41	14°32	14°27	3°37	3°46	2° 7	23°29	M 5
T 6	3 2 49	13°56'12	29°52	9°38	27°57	16°52	14°12	10°52	7°44	14°32	14°26	3°31	3°43	2°13	23°27	T 6
W 7	3 6 45	14°56'01	14°Y18	11°18	29°12	17°27	14°22	10°59	7°46	14°32	14°26	3°23	3°40	2°20	23°24	W 7
T 8	3 10 42	15°55'51	28°40	12°58	0♈27	18° 2	14°32	11° 6	7°49	14°33	14°25	3°12	3°36	2°27	23°22	T 8
F 9	3 14 38	16°55'44	12♈51	14°38	1°41	18°36	14°43	11°14	7°51	14°33	14°25	3° 0	3°33	2°33	23°20	F 9
S 10	3 18 35	17°55'38	26°46	16°17	2°56	19°11	14°53	11°21	7°54	14°34	14°24	2°48	3°30	2°40	23°17	S 10
S 11	3 22 31	18°55'34	10♈21	17°55	4°11	19°46	15° 3	11°28	7°56	14°34	14°24	2°38	3°27	2°47	23°15	S 11
M12	3 26 28	19°55'32	23°34	19°33	5°26	20°21	15°14	11°35	7°59	14°35	14°23	2°30	3°24	2°53	23°12	M12
T 13	3 30 24	20°55'33	6♈24	21°11	6°41	20°55	15°24	11°43	8° 2	14°35	14°22	2°24	3°21	3° 0	23°10	T 13
W14	3 34 21	21°55'35	18°52	22°48	7°56	21°30	15°35	11°50	8° 5	14°36	14°22	2°22	3°17	3° 7	23° 8	W14
T 15	3 38 18	22°55'39	1♈4	24°25	9°10	22° 4	15°46	11°57	8° 7	14°37	14°21	2°D21	3°14	3°13	23° 5	T 15
F 16	3 42 14	23°55'46	13° 2	26° 2	10°25	22°38	15°57	12° 4	8°10	14°37	14°20	2°21	3°11	3°20	23° 3	F 16
S 17	3 46 11	24°55'54	24°53	27°38	11°40	23°13	16° 8	12°12	8°13	14°38	14°20	2°R21	3° 8	3°26	23° 1	S 17
S 18	3 50 7	25°56'04	6♈41	29°13	12°55	23°47	16°19	12°19	8°16	14°39	14°19	2°21	3° 5	3°33	22°59	S 18
M19	3 54 4	26°56'17	18°33	0♈48	14°10	24°21	16°30	12°26	8°19	14°40	14°18	2°18	3° 2	3°40	22°57	M19
T 20	3 58 0	27°56'31	0♈33	2°23	15°24	24°55	16°41	12°33	8°22	14°40	14°17	2°13	2°58	3°46	22°55	T 20
W21	4 1 57	28°56'47	12°46	3°58	16°39	25°29	16°53	12°40	8°25	14°41	14°16	2° 6	2°55	3°53	22°52	W21
T 22	4 5 53	29°57'05	25°14	5°32	17°54	26° 3	17° 4	12°47	8°28	14°42	14°16	1°56	2°52	4° 0	22°50	T 22
F 23	4 9 50	0♈57'26	8♈0	7° 6	19° 9	26°36	17°15	12°54	8°31	14°43	14°15	1°46	2°49	4° 6	22°48	F 23
S 24	4 13 47	1°57'47	21° 3	8°40	20°24	27°10	17°27	13° 1	8°34	14°44	14°14	1°34	2°46	4°13	22°46	S 24
S 25	4 17 43	2°58'11	4♈24	10°13	21°38	27°44	17°39	13° 8	8°37	14°45	14°13	1°24	2°42	4°20	22°45	S 25
M26	4 21 40	3°58'37	18° 0	11°46	22°53	28°17	17°51	13°15	8°40	14°46	14°12	1°15	2°39	4°26	22°43	M26
T 27	4 25 36	4°59'03	1♈47	13°19	24° 8	28°50	18° 2	13°22	8°43	14°47	14°11	1° 9	2°36	4°33	22°41	T 27
W28	4 29 33	5°59'32	15°43	14°51	25°23	29°24	18°14	13°29	8°47	14°48	14°11	1° 6	2°33	4°40	22°39	W28
T 29	4 33 29	7° 0'01	29°45	16°24	26°38	29°57	18°26	13°36	8°50	14°49	14°10	1°D 5	2°30	4°46	22°37	T 29
F 30	4 37 26	8♈0'32	13♈50	17♈56	27♈53	0♈30	18♈38	13♈43	8♈53	14♈50	14°28 9	1♈5	2♈27	4♈53	22°V35	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	14s26	23s15	1s16	10s29	1n26	17s48	0n20	7n41	1n30	22s49	0s 8	12s45	2n12	23s26	0s18	16s21
F 2	14 45	19 29	0 4	11 9	1 21	18 9	0 18	7 28	1 30	22 48	0 8	12 48	2 12	23 26	0 18	16 21
S 3	15 4	14 35	1n10	11 49	1 15	18 30	0 16	7 15	1 31	22 47	0 8	12 50	2 12	23 26	0 18	16 21
S 4	15 22	8 51	2 20	12 28	1 9	18 51	0 13	7 1	1 31	22 46	0 8	12 52	2 12	23 26	0 18	16 20
M 5	15 40	2 37	3 22	13 7	1 3	19 11	0 11	6 48	1 32	22 45	0 8	12 54	2 12	23 25	0 18	16 20
T 6	15 58	3n47	4 11	13 45	0 57	19 30	0 8	6 35	1 32	22 44	0 8	12 57	2 12	23 25	0 18	16 20
W 7	16 16	9 59	4 45	14 22	0 50	19 49	0 6	6 22	1 33	22 43	0 8	12 59	2 12	23 25	0 18	16 20
T 8	16 33	15 38	5 0	14 59	0 44	20 7	0 3	6 9	1 33	22 42	0 8	13 1	2 12	23 25	0 18	16 20
F 9	16 50	20 21	4 57	15 35	0 37	20 25	0 1	5 56	1 34	22 41	0 8	13 3	2 12	23 25	0 18	16 20
S 10	17 7	23 50	4 35	16 10	0 30	20 42	0s 2	5 42	1 34	22 40	0 8	13 6	2 12	23 25	0 18	16 20
S 11	17 23	25 52	3 59	16 44	0 24	20 59	0 4	5 29	1 35	22 39	0 8	13 8	2 12	23 25	0 18	16 20
M12	17 40	26 22	3 10	17 17	0 17	21 15	0 7	5 16	1 35	22 38	0 9	13 10	2 12	23 24	0 18	16 20
T 13	17 55	25 25	2 13	17 50	0 10	21 30	0 9	5 3	1 36	22 37	0 9	13 12	2 12	23 24	0 18	16 19
W14	18 11	23 12	1 11	18 21	0 3	21 45	0 12	4 50	1 36	22 36	0 9	13 14	2 12	23 24	0 18	16 19
T 15	18 26	19 58	0 7	18 52	0s 4	21 59	0 14	4 37	1 37	22 34	0 9	13 17	2 12	23 24	0 18	16 19
F 16	18 41	15 56	0s57	19 22	0 10	22 13	0 17	4 24	1 37	22 33	0 9	13 19	2 12	23 24	0 18	16 19
S 17	18 56	11 21	1 57	19 50	0 17	22 25	0 19	4 11	1 38	22 32	0 9	13 21	2 12	23 24	0 17	16 19
S 18	19 10	6 21	2 52	20 18	0 24	22 38	0 22	3 58	1 38	22 31	0 9	13 23	2 12	23 23	0 17	16 18
M19	19 24	1 8	3 40	20 44	0 30	22 49	0 24	3 45	1 39	22 29	0 9	13 25	2 12	23 23	0 17	16 18
T 20	19 38	4s11	4 19	21 10	0 37	23 0	0 27	3 32	1 39	22 28	0 9	13 27	2 12	23 23	0 17	16 18
W21	19 51	9 26	4 47	21 35	0 43	23 10	0 29	3 19	1 40	22 27	0 9	13 29	2 12	23 23	0 17	16 18
T 22	20 4	14 24	5 2	21 58	0 50	23 20	0 32	3 6	1 40	22 25	0 9	13 31	2 12	23 23	0 17	16 18
F 23	20 17	18 53	5 2	22 20	0 56	23 29	0 34	2 53	1 41	22 24	0 9	13 34	2 12	23 22	0 17	16 17
S 24	20 29	22 34	4 47	22 41	1 2	23 37	0 37	2 40	1 41	22 23	0 9	13 36	2 12	23 22	0 17	16 17
S 25	20 41	25 8	4 16	23 1	1 8	23 45	0 39	2 27	1 42	22 21	0 10	13 38	2 12	23 22	0 17	16 17
M26	20 52	26 17	3 29	23 20	1 14	23 51	0 42	2 15	1 42	22 20	0 10	13 40	2 12	23 22	0 17	16 16
T 27	21 3	25 51	2 30	23 38	1 20	23 57	0 44	2 2	1 43	22 18	0 10	13 42	2 12	23 22	0 17	16 16
W28	21 14	23 47	1 21	23 54	1 25	24 3	0 46	1 49	1 43	22 17	0 10	13 44	2 12	23 21	0 17	16 16
T 29	21 24	20 15	0 7	24 10	1 31	24 7	0 49	1 37	1 44	22 15	0 10	13 46	2 12	23 21	0 17	16 16
F 30	21s34	15s32	1n 8	24s24	1s36	24s11	0s51	1n24	1n44	22s14	0s10	13s48	2n12	23s21	0s17	16s15

Julian Day Number = 2692909.5, Delta T = 24m21s  
 Ecliptic obliquity = 23°21'18", Nutation = 0°00'13  
 Ayanamsha: Fagan/Bradley = 33°59'04", Lahiri = 33°06'04

# ASTRODIENST EPHEMERIS for the year 2660

DECEMBER 2660

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 41 23	9♈ 1'04	27♋57	19♌28	29♍7	1♎3	18♏51	13♐50	8♑56	14♒52	14°R 8	1♓6	2♓23	5♎0	22°R34	S 1
S 2	4 45 19	10° 1'38	12♈5	21° 0	0♉22	1°35	19° 3	13°57	9° 0	14°53	14° 7	1°R 7	2°20	5° 6	22°Y32	S 2
M 3	4 49 16	11° 2'12	26°11	22°31	1°37	2° 8	19°15	14° 4	9° 3	14°54	14° 6	1° 6	2°17	5°13	22°31	M 3
T 4	4 53 12	12° 2'47	10♈16	24° 2	2°52	2°41	19°27	14°11	9° 6	14°55	14° 5	1° 2	2°14	5°20	22°29	T 4
W 5	4 57 9	13° 3'24	24°16	25°33	4° 7	3°13	19°40	14°17	9° 9	14°56	14° 4	0°57	2°11	5°26	22°27	W 5
T 6	5 1 5	14° 4'02	8♈10	27° 4	5°21	3°45	19°52	14°24	9°13	14°58	14° 3	0°50	2° 8	5°33	22°26	T 6
F 7	5 5 2	15° 4'41	21°53	28°34	6°36	4°18	20° 5	14°31	9°16	14°59	14° 2	0°42	2° 4	5°40	22°25	F 7
S 8	5 8 58	16° 5'21	5♈24	0♉5	7°51	4°50	20°18	14°37	9°20	15° 0	14° 1	0°34	2° 1	5°47	22°23	S 8
S 9	5 12 55	17° 6'02	18°39	1°35	9° 6	5°22	20°30	14°44	9°23	15° 2	14° 0	0°27	1°58	5°53	22°22	S 9
M10	5 16 52	18° 6'45	1♉37	3° 4	10°20	5°54	20°43	14°50	9°26	15° 3	13°59	0°22	1°55	6° 0	22°21	M10
T 11	5 20 48	19° 7'29	14°17	4°33	11°35	6°25	20°56	14°57	9°30	15° 5	13°58	0°18	1°52	6° 7	22°19	T 11
W12	5 24 45	20° 8'15	26°41	6° 2	12°50	6°57	21° 9	15° 3	9°33	15° 6	13°56	0°D17	1°48	6°13	22°18	W12
T 13	5 28 41	21° 9'01	8♈20	7°30	14° 4	7°29	21°21	15°10	9°37	15° 8	13°55	0°17	1°45	6°20	22°17	T 13
F 14	5 32 38	22° 9'49	20°48	8°58	15°19	8° 0	21°34	15°16	9°40	15° 9	13°54	0°19	1°42	6°27	22°16	F 14
S 15	5 36 34	23°10'39	2♈40	10°25	16°34	8°31	21°47	15°22	9°44	15°11	13°53	0°20	1°39	6°33	22°15	S 15
S 16	5 40 31	24°11'29	14°29	11°51	17°49	9° 2	22° 1	15°29	9°47	15°12	13°52	0°22	1°36	6°40	22°14	S 16
M17	5 44 27	25°12'21	26°21	13°16	19° 3	9°33	22°14	15°35	9°51	15°14	13°51	0°R22	1°33	6°47	22°13	M17
T 18	5 48 24	26°13'14	8♈20	14°40	20°18	10° 4	22°27	15°41	9°55	15°16	13°50	0°21	1°29	6°53	22°12	T 18
W19	5 52 21	27°14'09	20°33	16° 3	21°33	10°35	22°40	15°47	9°58	15°17	13°49	0°19	1°26	7° 0	22°12	W19
T 20	5 56 17	28°15'05	3♈3	17°24	22°47	11° 6	22°53	15°53	10° 2	15°19	13°47	0°15	1°23	7° 7	22°11	T 20
F 21	6 0 14	29°16'02	15°53	18°43	24° 2	11°36	23° 7	15°59	10° 5	15°21	13°46	0°10	1°20	7°13	22°10	F 21
S 22	6 4 10	0♉17'00	29° 6	20° 1	25°17	12° 6	23°20	16° 5	10° 9	15°22	13°45	0° 5	1°17	7°20	22° 9	S 22
S 23	6 8 7	1°17'59	12♈41	21°16	26°31	12°36	23°33	16°11	10°12	15°24	13°44	0° 0	1°14	7°27	22° 9	S 23
M24	6 12 3	2°18'59	26°36	22°28	27°46	13° 6	23°47	16°17	10°16	15°26	13°43	29°S57	1°10	7°33	22° 8	M24
T 25	6 16 0	3°20'00	10♈38	23°37	29° 1	13°36	24° 0	16°23	10°20	15°28	13°42	29°S4	1° 7	7°40	22° 8	T 25
W26	6 19 56	4°21'02	25°12	24°42	0♈15	14° 6	24°14	16°28	10°23	15°29	13°40	29°D53	1° 4	7°47	22° 7	W26
T 27	6 23 53	5°22'04	9♈42	25°43	1°30	14°35	24°27	16°34	10°27	15°31	13°39	29°S3	1° 1	7°53	22° 7	T 27
F 28	6 27 50	6°23'06	24°13	26°39	2°44	15° 5	24°41	16°40	10°30	15°33	13°38	29°S4	0°58	8° 0	22° 7	F 28
S 29	6 31 46	7°24'09	8♈40	27°30	3°59	15°34	24°55	16°45	10°34	15°35	13°37	29°S6	0°54	8° 7	22° 6	S 29
S 30	6 35 43	8°25'13	22°59	28°13	5°14	16° 3	25° 8	16°51	10°38	15°37	13°36	29°S7	0°51	8°13	22° 6	S 30
M31	6 39 39	9♉26'16	7♈8	28♉50	6♈28	16♈31	25°S22	16♈56	10°S41	15°S39	13°S34	29°R58	0°S48	8♈20	22°Y 6	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
S 1	21s43	9s58	2n19	24s37	1s41	24s14	0s53	1n11	1n45	22s12	0s10	13s50	2n13	23s21	0s17	16s15
S 2	21 52	3 53	3 22	24 48	1 45	24 17	0 56	0 59	1 45	22 10	0 10	13 51	2 13	23 21	0 17	16 15
M 3	22 1	2n22	4 13	24 59	1 50	24 19	0 58	0 46	1 46	22 9	0 10	13 53	2 13	23 20	0 17	16 14
T 4	22 9	8 28	4 48	25 8	1 54	24 19	1 0	0 34	1 46	22 7	0 10	13 55	2 13	23 20	0 17	16 14
W 5	22 17	14 7	5 6	25 15	1 58	24 20	1 2	0 22	1 47	22 5	0 10	13 57	2 13	23 20	0 18	16 14
T 6	22 24	18 59	5 5	25 22	2 2	24 19	1 4	0 9	1 47	22 4	0 10	13 59	2 13	23 20	0 18	16 13
F 7	22 31	22 48	4 47	25 27	2 6	24 18	1 6	0s 3	1 48	22 2	0 11	14 1	2 13	23 19	0 18	16 13
S 8	22 38	25 17	4 13	25 30	2 9	24 16	1 8	0 15	1 48	22 0	0 11	14 3	2 13	23 19	0 18	16 12
S 9	22 44	26 18	3 26	25 33	2 12	24 13	1 10	0 27	1 49	21 58	0 11	14 5	2 13	23 19	0 18	16 12
M10	22 50	25 50	2 29	25 34	2 15	24 9	1 12	0 40	1 49	21 57	0 11	14 6	2 13	23 19	0 18	16 12
T 11	22 55	24 1	1 26	25 33	2 17	24 5	1 14	0 52	1 50	21 55	0 11	14 8	2 13	23 18	0 18	16 11
W12	22 59	21 4	0 20	25 32	2 19	24 0	1 16	1 4	1 50	21 53	0 11	14 10	2 14	23 18	0 18	16 11
T 13	23 4	17 14	0s46	25 28	2 20	23 54	1 18	1 15	1 51	21 51	0 11	14 12	2 14	23 18	0 18	16 10
F 14	23 7	12 47	1 50	25 24	2 21	23 48	1 20	1 27	1 51	21 49	0 11	14 13	2 14	23 18	0 18	16 10
S 15	23 11	7 53	2 47	25 18	2 22	23 41	1 22	1 39	1 52	21 47	0 11	14 15	2 14	23 17	0 18	16 9
S 16	23 14	2 44	3 38	25 11	2 22	23 33	1 23	1 51	1 53	21 45	0 11	14 17	2 14	23 17	0 18	16 9
M17	23 16	2s31	4 19	25 2	2 21	23 24	1 25	2 2	1 53	21 43	0 11	14 18	2 14	23 17	0 18	16 9
T 18	23 18	7 44	4 50	24 52	2 20	23 15	1 26	2 14	1 54	21 41	0 11	14 20	2 14	23 17	0 18	16 8
W19	23 20	12 45	5 8	24 41	2 19	23 5	1 28	2 25	1 54	21 39	0 11	14 22	2 14	23 16	0 18	16 8
T 20	23 21	17 22	5 12	24 29	2 16	22 54	1 29	2 37	1 55	21 37	0 12	14 23	2 15	23 16	0 18	16 7
F 21	23 21	21 20	5 1	24 15	2 13	22 43	1 31	2 48	1 55	21 34	0 12	14 25	2 15	23 16	0 18	16 7
S 22	23 21	24 20	4 34	24 0	2 10	22 31	1 32	2 59	1 56	21 32	0 12	14 26	2 15	23 16	0 18	16 6
S 23	23 21	26 3	3 50	23 45	2 5	22 18	1 33	3 11	1 56	21 30	0 12	14 28	2 15	23 15	0 18	16 6
M24	23 20	26 11	2 53	23 28	2 0	22 5	1 35	3 22	1 57	21 28	0 12	14 29	2 15	23 15	0 18	16 5
T 25	23 19	24 38	1 43	23 10	1 54	21 51	1 36	3 33	1 57	21 26	0 12	14 31	2 15	23 15	0 18	16 5
W26	23 17	21 27	0 26	22 52	1 47	21 36	1 37	3 44	1 58	21 23	0 12	14 32	2 15	23 15	0 18	16 4
T 27	23 15	16 54	0n54	22 32	1 39	21 21	1 38	3 55	1 58	21 21	0 12	14 34	2 16	23 14	0 18	16 4
F 28	23 12	11 21	2 10	22 13	1 29	21 5	1 39	4 5	1 59	21 19	0 12	14 35	2 16	23 14	0 18	16 3
S 29	23 9	5 14	3 18	21 53	1 19	20 48	1 40	4 16	2 0	21 16	0 12	14 37	2 16	23 14	0 18	16 3
S 30	23 5	1n 5	4 12	21 33	1 8	20 31	1 41	4 26	2 0	21 14	0 12	14 38	2 16	23 13	0 18	16 2
M31	23s 1	7n17	4n51	21s13	0s55	20s14	1s41	4s37	2n 1	21s12	0s12	14s39	2n16	23s13	0s18	16s 1

Julian Day Number = 2692939.5, Delta T = 24m22s  
Ecliptic obliquity = 23°21'17, Nutation = 0°00'14  
Ayanamsha: Fagan/Bradley = 33°59'08, Lahiri = 33°06'08

## ASTRODIENST EPHEMERIS for the year 2661

JANUARY 2661

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day	
T 1	6 43 36	10°27'20	21°5'5	29°38'18	7°43'43	17°28'0	25°36'36	17°18'1	10°34'5	15°44'1	13°R33	29°R57	0°44'5	8°27'27	22°R 6	T 1	
W 2	6 47 32	11°28'24	4°8'49	29°37'8	8°57'17	17°28'25	25°49'17	17°6'10	10°49'15	15°43'13	32°29	29°36'0	0°42'8	8°33'22	22°D 6	W 2	
T 3	6 51 29	12°29'28	18°20'29	29°R46	10°12'17	17°57'26	26°3'17	17°12'10	10°52'15	15°45'13	13°31'29	54°29	29°54'0	0°39'8	8°40'22	22°Y 6	T 3
F 4	6 55 25	13°30'33	1°11'38	29°44'11	12°26'18	18°25'26	16°17'17	17°17'10	10°56'15	15°47'13	13°30'29	52°29	29°52'0	0°35'8	8°47'22	22°6 F	F 4
S 5	6 59 22	14°31'38	14°42'29	29°31'12	12°41'18	18°52'26	16°31'17	17°22'11	11°0'15	15°49'13	13°28'29	49°29	29°49'0	0°32'8	8°53'22	22°6 S	S 5
S 6	7 3 19	15°32'43	27°33'29	29°6'13	13°55'19	19°20'26	17°27'11	11°3'15	15°51'13	13°27'29	47°29	29°47'0	0°29'9	9°0'22	22°6 S	S 6	
M 7	7 7 15	16°33'48	10°11'28	28°29'15	9°19'47	19°47'26	17°32'11	11°7'15	15°53'13	13°26'29	46°29	29°46'0	0°26'9	9°7'22	22°7 M	M 7	
T 8	7 11 12	17°34'53	22°36'27	27°41'16	24°16'20	15°16'20	17°37'11	11°10'15	15°55'13	13°25'29	45°29	29°45'0	0°23'9	9°13'22	22°7 T	T 8	
W 9	7 15 8	18°35'59	4°42'50	26°42'17	38°20'42	20°42'27	17°41'11	11°14'15	15°57'13	13°23'29	45°29	29°45'0	0°20'9	9°20'22	22°7 W	W 9	
T 10	7 19 5	19°37'05	16°53'25	34°18'52	21°8'27	17°40'11	17°46'11	11°18'15	15°59'13	13°22'29	45°29	29°45'0	0°16'9	9°27'22	22°8 T	T 10	
F 11	7 23 1	20°38'11	28°49'24	19°20'7	21°35'27	17°51'11	12°21'16	1°13'21	16°1'13	13°21'29	46°29	29°46'0	0°13'9	9°33'22	22°8 F	F 11	
S 12	7 26 58	21°39'18	10°40'23	0'21'22	22°1'28	22°8'17	17°55'11	12°25'16	3°13'20	13°20'29	47°29	29°47'0	0°10'9	9°40'22	22°9 S	S 12	
S 13	7 30 55	22°40'24	22°29'21	39'22'35	22°28'28	17°59'11	12°28'16	5°13'19	16°5'13	13°19'29	48°29	29°48'0	0°7'9	9°47'22	22°9 S	S 13	
M14	7 34 51	23°41'31	4°20'20	18'23'49	22°53'28	17°59'18	12°32'16	7°13'17	16°7'13	13°17'29	49°29	29°49'0	0°4'9	9°53'22	22°10 M	M14	
T 15	7 38 48	24°42'39	16°18'19	0'25'3	23°19'28	18°8'11	12°36'16	10°13'16	16°10'13	13°16'29	49°29	29°49'0	0°0'10	10°0'22	22°11 T	T 15	
W16	7 42 44	25°43'46	28°28'17	48'26'18	23°44'29	18°12'11	12°39'16	12°13'16	16°12'13	13°15'29	49°29	29°49'0	0°7'10	10°7'22	22°11 W	W16	
T 17	7 46 41	26°44'54	10°11'16	43'27'32	24°10'29	18°16'11	12°43'16	14°13'16	16°14'13	13°14'29	49°29	29°49'0	0°13'10	10°13'22	22°12 T	T 17	
F 18	7 50 37	27°46'02	23°51'15	47'28'46	24°34'29	18°20'11	12°46'16	16°16'13	13°13'29	13°13'29	49°29	29°49'0	0°16'10	10°20'22	22°13 F	F 18	
S 19	7 54 34	28°47'11	6°51'15	0'29'59	24°59'29	18°24'11	12°50'16	16°18'13	13°12'29	13°12'29	49°29	29°49'0	0°10'10	10°27'22	22°14 S	S 19	
S 20	7 58 30	29°48'19	20°27'14	23'1'14	25°23'29	18°28'11	12°53'16	16°20'13	13°10'29	13°10'29	48°29	29°45'10	0°34'22	15°S 20	S 20		
M21	8 2 27	0°49'27	4°29'13	56'2'28	25°47'0	18°32'11	12°57'16	16°23'9	13°9'29	13°9'29	49°29	29°41'10	0°40'22	16°M 21	M21		
T 22	8 6 24	1°50'36	18°54'13	39'3'42	26°11'0	18°36'12	12°0'16	16°25'8	13°8'29	13°8'29	49°29	29°38'10	0°47'22	17°T 22	T 22		
W23	8 10 20	2°51'44	3°37'13	31'4'56	26°35'0	18°39'12	12°4'16	16°27'13	13°7'29	13°7'29	49°29	29°35'10	0°54'22	18°W 23	W23		
T 24	8 14 17	3°52'51	18°33'13	32'6'10	26°58'0	18°43'12	12°7'16	16°29'13	13°6'29	13°6'29	49°29	29°32'11	0°0'22	19°T 24	T 24		
F 25	8 18 13	4°53'59	3°31'13	41'7'23	27°21'1	18°46'12	12°11'16	16°32'13	13°5'29	13°5'29	48°29	29°29'11	0°7'22	20°F 25	F 25		
S 26	8 22 10	5°55'05	18°25'13	58'8'37	27°43'1	18°49'12	12°14'16	16°34'13	13°4'29	13°4'29	47°29	29°26'11	0°14'22	22°S 26	S 26		
S 27	8 26 6	6°56'11	3°7'14	21'9'51	28°6'1	18°53'12	12°17'16	16°36'13	13°3'29	13°3'29	47°29	29°22'11	0°20'22	23°S 27	S 27		
M28	8 30 3	7°57'16	17°31'14	51'11'5	28°28'1	18°56'12	12°21'16	16°38'13	13°0'29	13°0'29	46°29	29°19'11	0°27'22	24°M 28	M28		
T 29	8 33 59	8°58'21	1°34'15	27'12'18	28°49'2	18°59'12	12°24'16	16°41'13	13°0'29	13°0'29	46°29	29°16'11	0°34'22	26°T 29	T 29		
W30	8 37 56	9°59'24	15°16'16	8'13'32	29°10'2	19°2'12	12°27'16	16°43'12	12°59'29	12°59'29	45°29	29°13'11	0°40'22	27°W 30	W30		
T 31	8 41 53	11°0'27	28°37'16	53'14'45	29°31'2	19°34'12	12°31'16	16°45'12	12°58'29	12°58'29	46°29	29°10'11	0°47'22	29°T 31	T 31		

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	22s57	13n 1	5n12	20s54	0s41	19s55	1s42	4s47	2n 1	21s 9	0s13	14s41	2n16	23s13	0s18	16s 1	0n 4
W 2	22 52	18 1	5 14	20 35	0 26	19 36	1 43	4 58	2 2	21 7	0 13	14 42	2 16	23 13	0 18	16 0	0 4
T 3	22 46	22 1	5 0	20 17	0 10	19 17	1 43	5 8	2 2	21 4	0 13	14 43	2 17	23 12	0 18	16 0	0 4
F 4	22 40	24 48	4 29	20 1	0n 7	18 57	1 44	5 18	2 3	21 2	0 13	14 45	2 17	23 12	0 18	15 59	0 4
S 5	22 34	26 12	3 44	19 46	0 26	18 36	1 44	5 28	2 3	20 59	0 13	14 46	2 17	23 12	0 18	15 59	0 4
S 6	22 27	26 9	2 49	19 32	0 45	18 15	1 44	5 38	2 4	20 57	0 13	14 47	2 17	23 11	0 18	15 58	0 4
M 7	22 20	24 44	1 46	19 21	1 4	17 54	1 45	5 47	2 5	20 54	0 13	14 48	2 17	23 11	0 18	15 57	0 4
T 8	22 12	22 7	0 40	19 11	1 24	17 32	1 45	5 57	2 5	20 52	0 13	14 49	2 17	23 11	0 18	15 57	0 4
W 9	22 4	18 32	0s28	19 4	1 43	17 9	1 45	6 7	2 6	20 49	0 13	14 51	2 18	23 11	0 18	15 56	0 4
T 10	21 56	14 14	1 34	18 58	2 1	16 46	1 45	6 16	2 6	20 46	0 13	14 52	2 18	23 10	0 18	15 56	0 4
F 11	21 47	9 26	2 34	18 54	2 18	16 23	1 45	6 25	2 7	20 44	0 13	14 53	2 18	23 10	0 18	15 55	0 4
S 12	21 37	4 20	3 28	18 52	2 34	15 59	1 45	6 35	2 7	20 41	0 13	14 54	2 18	23 10	0 18	15 54	0 4
S 13	21 27	0s54	4 13	18 52	2 48	15 35	1 44	6 44	2 8	20 38	0 14	14 55	2 18	23 9	0 18	15 54	0 4
M14	21 17	6 6	4 47	18 53	2 59	15 10	1 44	6 53	2 8	20 35	0 14	14 56	2 19	23 9	0 18	15 53	0 4
T 15	21 6	11 9	5 9	18 55	3 7	14 45	1 44	7 2	2 9	20 33	0 14	14 57	2 19	23 9	0 18	15 53	0 4
W16	20 55	15 50	5 18	18 59	3 14	14 20	1 43	7 10	2 10	20 30	0 14	14 58	2 19	23 8	0 18	15 52	0 4
T 17	20 44	19 59	5 12	19 3	3 17	13 54	1 43	7 19	2 10	20 27	0 14	14 59	2 19	23 8	0 18	15 51	0 4
F 18	20 32	23 19	4 51	19 8	3 18	13 27	1 42	7 28	2 11	20 24	0 14	15 0	2 19	23 8	0 18	15 51	0 4
S 19	20 20	25 33	4 14	19 15	3 18	13 1	1 41	7 36	2 11	20 21	0 14	15 0	2 20	23 8	0 18	15 50	0 4
S 20	19 7	26 22	3 22	19 21	3 15	12 34	1 40	7 44	2 12	20 19	0 14	15 1	2 20	23 7	0 18	15 49	0 4
M21	19 54	25 33	2 16	19 28	3 10	12 7	1 39	7 52	2 12	20 16	0 14	15 2	2 20	23 7	0 18	15 49	0 4
T 22	19 41	23 1	1 0	19 36	3 5	11 39	1 39	8 0	2 13	20 13	0 14	15 3	2 20	23 7	0 18	15 48	0 4
W23	19 27	18 56	0n21	19 43	2 58	11 11	1 37	8 8	2 14	20 10	0 14	15 4	2 20	23 6	0 18	15 47	0 4
T 24	19 13	13 36	1 42	19 51	2 50	10 43	1 36	8 16	2 14	20 7	0 15	15 4	2 21	23 6	0 18	15 47	0 4
F 25	18 58	7 26	2 57	19 59	2 41	10 14	1 35	8 24	2 15	20 4	0 15	15 5	2 21	23 6	0 18	15 46	0 4
S 26	18 44	0 54	3 58	20 6	2 32	9 46	1 34	8 31	2 15	20 1	0 15	15 6	2 21	23 5	0 18	15 45	0 4
S 27	18 28	5n34	4 44	20 13	2 23	9 17	1 32	8 38	2 16	19 58	0 15	15 7	2 21	23 5	0 18	15 45	0 4
M28	18 13	11 38	5 10	20 20	2 13	8 47	1 31	8 46	2 17	19 55	0 15	15 7	2 22	23 5	0 18	15 44	0 4
T 29	17 57	16 56	5 17	20 26	2 2	8 18	1 29	8 53	2 17	19 52	0 15	15 8	2 22	23 5	0 18	15 43	0 4
W30	17 41	21 14	5 6	20 32	1 52	7 48	1 28	9 0	2 18	19 49	0 15	15 8	2 22	23 4	0 18	15 43	0 4
T 31	17s24	24n18	4n38	20s36	1n42	7s18	1s26	9s 6	2n18	19s46	0s15	15s 9	2n22	23s 4	0s18	15s42	0n 4

Julian Day Number = 2692970.5, Delta T = 24m22s

Ecliptic obliquity = 23°21'17, Nutation = 0°00'15

Ayanamsha: Fagan/Bradley = 33°59'12, Lahiri = 33°06'12

# ASTRODIENST EPHEMERIS for the year 2661

FEBRUARY 2661

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8 45 49	12°12'29"	11°11'39"	17°34'39"	15°15'59"	29°05'52"	2°44'48"	19°11'07"	12°33'34"	16°44'47"	12°05'57"	29°34'47"	29°34'06"	11°11'54"	22°19'30"	F 1
S 2	8 49 46	13° 2'30"	24°24'24"	18°36'36"	17°12'12"	0°11'12"	3° 2' 2"	19°10'10"	12°37'37"	16°50'50"	12°56'56"	29°48'48"	29° 3' 3"	12° 0' 0"	22°32'32"	S 2
S 3	8 53 42	14° 3'31"	6°55'55"	19°33'33"	18°26'26"	0°32'32"	3°16'16"	19°12'12"	12°40'40"	16°52'52"	12°55'55"	29°49'49"	29° 0' 0"	12° 7' 7"	22°33'33"	S 3
M 4	8 57 39	15° 4'30"	19°15'15"	20°32'32"	19°39'39"	0°51'51"	3°29'29"	19°15'15"	12°44'44"	16°54'54"	12°54'54"	29°50'50"	28°57'57"	12°14'14"	22°35'35"	M 4
T 5	9 1 35	16° 5'28"	1°12'24"	21°35'35"	20°52'52"	1°11'11"	3°43'43"	19°17'17"	12°47'47"	16°57'57"	12°53'53"	29°51'51"	28°54'54"	12°20'20"	22°37'37"	T 5
W 6	9 5 32	17° 6'26"	13°26'26"	22°40'40"	22° 5' 5"	1°29'29"	3°57'57"	19°19'19"	12°50'50"	16°59'59"	12°52'52"	29°50'50"	28°51'51"	12°27'27"	22°39'39"	W 6
T 7	9 9 28	18° 7'23"	25°22'22"	23°48'48"	23°18'18"	1°48'48"	4°11'11"	19°22'22"	12°53'53"	17° 1' 1"	12°51'51"	29°48'48"	28°47'47"	12°34'34"	22°41'41"	T 7
F 8	9 13 25	19° 8'18"	7°11'11"	24°57'57"	24°32'32"	2° 6' 6"	4°25'25"	19°24'24"	12°56'56"	17° 3' 3"	12°50'50"	29°46'46"	28°44'44"	12°40'40"	22°43'43"	F 8
S 9	9 17 22	20° 9'13"	19° 5' 5"	26° 9' 9"	25°45'45"	2°23'23"	4°39'39"	19°26'26"	12°59'59"	17° 6' 6"	12°49'49"	29°43'43"	28°41'41"	12°47'47"	22°44'44"	S 9
S 10	9 21 18	21°10'07"	0°05'55"	27°22'22"	26°57'57"	2°40'40"	4°52'52"	19°27'27"	13° 2' 2"	17° 8' 8"	12°48'48"	29°39'39"	28°38'38"	12°54'54"	22°46'46"	S 10
M 11	9 25 15	22°11'01"	12°48'48"	28°37'37"	28°10'10"	2°57'57"	5° 6' 6"	19°29'29"	13° 5' 5"	17°10'10"	12°47'47"	29°35'35"	28°35'35"	13° 0' 0"	22°48'48"	M 11
T 12	9 29 11	23°11'54"	24°47'47"	29°54'54"	29°23'23"	3°13'13"	5°20'20"	19°31'31"	13° 8' 8"	17°12'12"	12°47'47"	29°32'32"	28°32'32"	13° 7' 7"	22°51'51"	T 12
W 13	9 33 8	24°12'45"	6°11'56"	1°12'12"	0°19'36"	3°29'29"	5°33'33"	19°32'32"	13°11'11"	17°15'15"	12°46'46"	29°29'29"	28°28'28"	13°14'14"	22°53'53"	W 13
T 14	9 37 4	25°13'37"	19°11'11"	2°31'31"	1°48'48"	3°44'44"	5°47'47"	19°34'34"	13°14'14"	17°17'17"	12°45'45"	29°28'28"	28°25'25"	13°21'21"	22°55'55"	T 14
F 15	9 41 1	26°14'27"	1°17'58"	3°52'52"	3° 1' 1"	3°59'59"	6° 1' 1"	19°35'35"	13°17'17"	17°19'19"	12°44'44"	29°28'28"	28°22'22"	13°27'27"	22°57'57"	F 15
S 16	9 44 57	27°15'17"	15° 0' 0"	5°13'13"	4°14'14"	4°13'13"	6°14'14"	19°36'36"	13°20'20"	17°21'21"	12°43'43"	29°29'29"	28°19'19"	13°34'34"	22°59'59"	S 16
S 17	9 48 54	28°16'05"	28°27'27"	6°36'36"	5°26'26"	4°27'27"	6°28'28"	19°37'37"	13°23'23"	17°24'24"	12°42'42"	29°31'31"	28°16'16"	13°41'41"	23° 2' 2"	S 17
M 18	9 52 51	29°16'53"	12°31'31"	8° 0' 0"	6°38'38"	4°41'41"	6°41'41"	19°38'38"	13°26'26"	17°26'26"	12°42'42"	29°32'32"	28°12'12"	13°47'47"	23° 4' 4"	M 18
T 19	9 56 47	0°17'40"	26°43'43"	9°26'26"	7°51'51"	4°53'53"	6°55'55"	19°39'39"	13°29'29"	17°28'28"	12°41'41"	29°33'33"	28° 9' 9"	13°54'54"	23° 6' 6"	T 19
W 20	10 0 44	1°18'26"	11°18'29"	10°52'52"	9° 3' 3"	5° 6' 6"	7° 8' 8"	19°40'40"	13°31'31"	17°30'30"	12°40'40"	29°33'33"	28° 6' 6"	14° 1' 1"	23° 9' 9"	W 20
T 21	10 4 40	2°19'11"	26°34'34"	12°19'19"	10°15'15"	5°17'17"	7°22'22"	19°41'41"	13°34'34"	17°33'33"	12°39'39"	29°31'31"	28° 3' 3"	14° 7' 7"	23°11'11"	T 21
F 22	10 8 37	3°19'54"	11°14'49"	13°47'47"	11°27'27"	5°29'29"	7°35'35"	19°41'41"	13°37'37"	17°35'35"	12°39'39"	29°27'27"	28° 0' 0"	14°14'14"	23°14'14"	F 22
S 23	10 12 33	4°20'36"	27° 4' 4"	15°16'16"	12°39'39"	5°39'39"	7°48'48"	19°42'42"	13°39'39"	17°37'37"	12°38'38"	29°22'22"	27°57'57"	14°21'21"	23°16'16"	S 23
S 24	10 16 30	5°21'16"	12°19' 7"	16°46'46"	13°51'51"	5°49'49"	8° 2' 2"	19°42'42"	13°42'42"	17°39'39"	12°37'37"	29°16'16"	27°53'53"	14°27'27"	23°19'19"	S 24
M 25	10 20 26	6°21'55"	26°51'51"	18°16'16"	15° 2' 2"	5°59'59"	8°15'15"	19°43'43"	13°44'44"	17°41'41"	12°37'37"	29°11'11"	27°50'50"	14°34'34"	23°21'21"	M 25
T 26	10 24 23	7°22'32"	11°18'10"	19°48'48"	16°14'14"	6° 8' 8"	8°28'28"	19°43'43"	13°47'47"	17°44'44"	12°36'36"	29° 7' 7"	27°47'47"	14°41'41"	23°24'24"	T 26
W 27	10 28 20	8°23'08"	25° 0' 0"	21°21'21"	17°26'26"	6°16'16"	8°41'41"	19°44'44"	13°49'49"	17°46'46"	12°35'35"	29° 4' 4"	27°44'44"	14°47'47"	23°27'27"	W 27
T 28	10 32 16	9°23'42"	8°12'24"	22°54'54"	18°19'37"	6°11'24"	8°54'54"	19°44'43"	13°52'52"	17°48'48"	12°35'35"	29°D 3	27°34'41"	14°19'54"	23°19'29"	T 28

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
F 1	17s 8	26n 0	3n57	20s40	1n32	6s48	1s24	9s13	2n19	19s43	0s15	15s 9	2n22	23s 4	0s18	F 1
S 2	16 50	26 18	3 4	20 44	1 21	6 18	1 22	9 20	2 19	19 40	0 15	15 10	2 23	23 3	0 18	S 2
S 3	16 33	25 14	2 4	20 46	1 11	5 48	1 21	9 26	2 20	19 37	0 16	15 10	2 23	23 3	0 18	S 3
M 4	16 15	22 57	0 58	20 47	1 1	5 17	1 19	9 32	2 21	19 34	0 16	15 11	2 23	23 3	0 18	M 4
T 5	15 57	19 38	0s 9	20 47	0 51	4 47	1 16	9 38	2 21	19 30	0 16	15 11	2 23	23 3	0 18	T 5
W 6	15 39	15 32	1 14	20 47	0 41	4 16	1 14	9 44	2 22	19 27	0 16	15 12	2 24	23 2	0 18	W 6
T 7	15 21	10 52	2 16	20 45	0 32	3 45	1 12	9 50	2 22	19 24	0 16	15 12	2 24	23 2	0 18	T 7
F 8	15 2	5 51	3 12	20 42	0 22	3 14	1 10	9 55	2 23	19 21	0 16	15 12	2 24	23 2	0 18	F 8
S 9	14 43	0 38	3 59	20 38	0 13	2 43	1 7	10 1	2 23	19 18	0 16	15 13	2 24	23 1	0 18	S 9
S 10	14 24	4s35	4 36	20 33	0 4	2 12	1 5	10 6	2 24	19 15	0 16	15 13	2 24	23 1	0 18	S 10
M 11	14 4	9 40	5 1	20 27	0s 5	1 41	1 2	10 11	2 24	19 11	0 16	15 13	2 25	23 1	0 18	M 11
T 12	13 44	14 25	5 13	20 19	0 13	1 9	1 0	10 16	2 25	19 8	0 16	15 13	2 25	23 1	0 18	T 12
W 13	13 24	18 41	5 12	20 10	0 22	0 38	0 57	10 21	2 25	19 5	0 17	15 13	2 25	23 0	0 18	W 13
T 14	13 4	22 14	4 56	20 1	0 30	0 7	0 54	10 26	2 26	19 2	0 17	15 14	2 25	23 0	0 18	T 14
F 15	12 44	24 49	4 25	19 50	0 37	0n24	0 51	10 30	2 27	18 58	0 17	15 14	2 26	23 0	0 18	F 15
S 16	12 23	26 10	3 41	19 37	0 45	0 56	0 49	10 34	2 27	18 55	0 17	15 14	2 26	23 0	0 18	S 16
S 17	12 2	26 3	2 42	19 24	0 52	1 27	0 46	10 38	2 28	18 52	0 17	15 14	2 26	22 59	0 18	S 17
M 18	11 41	24 20	1 33	19 9	0 59	1 58	0 43	10 42	2 28	18 49	0 17	15 14	2 26	22 59	0 18	M 18
T 19	11 20	21 0	0 16	18 53	1 6	2 30	0 39	10 46	2 29	18 45	0 17	15 14	2 27	22 59	0 18	T 19
W 20	10 58	16 14	1n 5	18 36	1 12	3 1	0 36	10 50	2 29	18 42	0 17	15 14	2 27	22 59	0 18	W 20
T 21	10 37	10 23	2 22	18 18	1 18	3 32	0 33	10 53	2 30	18 39	0 17	15 14	2 27	22 58	0 18	T 21
F 22	10 15	3 51	3 30	17 58	1 24	4 3	0 30	10 56	2 30	18 36	0 18	15 14	2 27	22 58	0 18	F 22
S 23	9 53	2n52	4 23	17 38	1 29	4 34	0 27	11 0	2 31	18 32	0 18	15 14	2 28	22 58	0 18	S 23
S 24	9 31	9 20	4 57	17 16	1 35	5 5	0 23	11 2	2 31	18 29	0 18	15 14	2 28	22 58	0 18	S 24
M 25	9 9	15 9	5 11	16 52	1 39	5 36	0 20	11 5	2 31	18 26	0 18	15 13	2 28	22 57	0 18	M 25
T 26	8 46	19 57	5 4	16 28	1 44	6 7	0 16	11 8	2 32	18 22	0 18	15 13	2 28	22 57	0 18	T 26
W 27	8 24	23 29	4 40	16 3	1 48	6 37	0 13	11 10	2 32	18 19	0 18	15 13	2 28	22 57	0 18	W 27
T 28	8s 1	25n36	4n 1	15s36	1s52	7n 8	0s 9	11s12	2n33	18s16	0s18	15s13	2n29	22s57	0s19	T 28

Julian Day Number = 2693001.5, Delta T = 24m22s  
 Ecliptic obliquity = 23°21'17", Nutation = 0°00'16"  
 Ayanamsha: Fagan/Bradley = 33°59'17", Lahiri = 33°06'17"



# ASTRODIENST EPHEMERIS for the year 2661

APRIL 2661

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	12 38 26	11°26'44	7°23'	21°6'	25°33'	4°R15	15°17'	18°R49	14°34'	18°49'	12°27'	26°R53	25°59'	18°28'	25°10'	M 1
T 2	12 42 22	12°26'18	19°18'	23° 4'	26°39'	3°M58	15°28'	18°M46	14°47'	18°50'	12°27'	26°351	25°56'	18°35'	25°14'	T 2
W 3	12 46 19	13°25'50	1°10' 8	25° 1'	27°45'	3°41	15°39'	18°43'	14°48'	18°52'	12°27'	26°46'	25°53'	18°42'	25°17'	W 3
T 4	12 50 15	14°25'20	12°56'	26°56'	28°51'	3°24	15°49'	18°39'	14°49'	18°53'	12°28'	26°38'	25°49'	18°48'	25°21'	T 4
F 5	12 54 12	15°24'48	24°47'	28°48'	29°57'	3° 6	15°59'	18°36'	14°50'	18°55'	12°28'	26°28'	25°46'	18°55'	25°24'	F 5
S 6	12 58 9	16°24'13	6°42'	0°39'	1°11' 2	2°47'	16° 9	18°32'	14°50'	18°56'	12°28'	26°15'	25°43'	19° 2	25°28'	S 6
S 7	13 2 5	17°23'37	18°42'	2°26'	2° 8	2°28'	16°19'	18°29'	14°51'	18°57'	12°28'	26° 2	25°40'	19° 8	25°31'	S 7
M 8	13 6 2	18°22'58	0°M50	4°11'	3°12'	2° 8	16°29'	18°25'	14°52'	18°59'	12°28'	25°47'	25°37'	19°15'	25°35'	M 8
T 9	13 9 58	19°22'18	13° 6	5°51'	4°17'	1°48'	16°39'	18°22'	14°52'	19° 0	12°29'	25°34'	25°34'	19°22'	25°38'	T 9
W10	13 13 55	20°21'36	25°30'	7°27'	5°22'	1°27'	16°49'	18°18'	14°53'	19° 1	12°29'	25°23'	25°30'	19°28'	25°42'	W10
T 11	13 17 51	21°20'52	8°47' 4	8°59'	6°26'	1° 6	16°59'	18°14'	14°53'	19° 3	12°29'	25°15'	25°27'	19°35'	25°45'	T 11
F 12	13 21 48	22°20'06	20°50'	10°26'	7°29'	0°45'	17° 8	18°10'	14°53'	19° 4	12°30'	25° 9	25°24'	19°42'	25°49'	F 12
S 13	13 25 44	23°19'18	3°350	11°48'	8°33'	0°23'	17°18'	18° 6	14°54'	19° 5	12°30'	25° 7	25°21'	19°49'	25°52'	S 13
S 14	13 29 41	24°18'29	17° 7	13° 4	9°36'	0° 1	17°27'	18° 2	14°54'	19° 7	12°31'	25° 6	25°18'	19°55'	25°56'	S 14
M15	13 33 38	25°17'38	0°43'	14°15'	10°39'	29°38'	17°36'	17°58'	14°54'	19° 8	12°31'	25° 6	25°15'	20° 2	25°59'	M15
T 16	13 37 34	26°16'45	14°39'	15°19'	11°42'	29°16'	17°45'	17°54'	14°55'	19° 9	12°32'	25° 5	25°11'	20° 9	26° 3	T 16
W17	13 41 31	27°15'50	28°57'	16°18'	12°44'	28°53'	17°54'	17°50'	14°55'	19°10'	12°32'	25° 3	25° 8	20°15'	26° 6	W17
T 18	13 45 27	28°14'54	13°35'	17°10'	13°46'	28°30'	18° 3	17°46'	14°55'	19°11'	12°32'	24°58'	25° 5	20°22'	26°10'	T 18
F 19	13 49 24	29°13'56	28°29'	17°56'	14°48'	28° 7	18°11'	17°42'	14°R55	19°12'	12°33'	24°50'	25° 2	20°29'	26°13'	F 19
S 20	13 53 20	0°12'56	13°V31	18°36'	15°49'	27°43'	18°20'	17°38'	14°55'	19°13'	12°34'	24°40'	24°59'	20°35'	26°17'	S 20
S 21	13 57 17	1°11'54	28°31'	19° 9	16°50'	27°20'	18°28'	17°33'	14°55'	19°14'	12°34'	24°29'	24°55'	20°42'	26°20'	S 21
M22	14 1 13	2°10'50	13°320	19°35'	17°50'	26°57'	18°37'	17°29'	14°54'	19°15'	12°35'	24°17'	24°52'	20°49'	26°24'	M22
T 23	14 5 10	3° 9'44	27°50'	19°55'	18°51'	26°34'	18°45'	17°25'	14°54'	19°16'	12°35'	24° 7	24°49'	20°56'	26°27'	T 23
W24	14 9 7	4° 8'36	11°55'	20° 8	19°50'	26°11'	18°53'	17°20'	14°54'	19°17'	12°36'	23°59'	24°46'	21° 2	26°31'	W24
T 25	14 13 3	5° 7'27	25°31'	20°15'	20°50'	25°48'	19° 0	17°16'	14°54'	19°18'	12°37'	23°54'	24°43'	21° 9	26°35'	T 25
F 26	14 17 0	6° 6'14	8°39'	20°R15	21°49'	25°26'	19° 8	17°12'	14°53'	19°19'	12°37'	23°52'	24°40'	21°16'	26°38'	F 26
S 27	14 20 56	7° 5'00	21°22'	20° 9	22°47'	25° 4	19°16'	17° 7	14°53'	19°20'	12°38'	23°D51	24°36'	21°22'	26°42'	S 27
S 28	14 24 53	8° 3'43	3°24	19°58'	23°45'	24°42'	19°23'	17° 3	14°53'	19°20'	12°39'	23°R51	24°33'	21°29'	26°45'	S 28
M29	14 28 49	9° 2'24	15°50	19°41'	24°42'	24°20'	19°30'	16°58'	14°52'	19°21'	12°39'	23°51'	24°30'	21°36'	26°48'	M29
T 30	14 32 46	10° 1'03	27°246	19°19'	25°11'40	23°59'	19°38'	16°M54	14°52'	19°22'	12°40'	23°349	24°27'	21°42'	26°V52	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	4n31	17n28	0s55	8n 7	0s 6	21n 2	2n 0	10s32	2n30	16s33	0s22	14s52	2n35	22s52	0s19	15s 5
T 2	4 54	13 9	1 56	9 1	0n 5	21 21	2 4	10 27	2 30	16 30	0 23	14 51	2 35	22 51	0 19	15 5
W 3	5 17	8 22	2 51	9 54	0 17	21 40	2 8	10 22	2 29	16 27	0 23	14 50	2 35	22 51	0 19	15 4
T 4	5 40	3 19	3 38	10 47	0 28	21 59	2 12	10 17	2 28	16 24	0 23	14 49	2 36	22 51	0 19	15 4
F 5	6 3	1s51	4 16	11 38	0 40	22 17	2 16	10 12	2 27	16 21	0 23	14 48	2 36	22 51	0 19	15 3
S 6	6 26	6 59	4 43	12 28	0 52	22 35	2 20	10 7	2 26	16 18	0 23	14 47	2 36	22 51	0 19	15 3
S 7	6 48	11 53	4 57	13 17	1 4	22 52	2 24	10 1	2 25	16 16	0 23	14 46	2 36	22 51	0 19	15 2
M 8	7 11	16 23	4 59	14 3	1 16	23 9	2 28	9 56	2 23	16 13	0 23	14 45	2 36	22 51	0 19	15 2
T 9	7 33	20 15	4 46	14 48	1 28	23 25	2 32	9 50	2 22	16 10	0 24	14 44	2 36	22 51	0 19	15 2
W10	7 56	23 16	4 20	15 31	1 39	23 40	2 36	9 44	2 21	16 7	0 24	14 43	2 36	22 51	0 20	15 1
T 11	8 18	25 13	3 41	16 11	1 50	23 55	2 39	9 38	2 19	16 4	0 24	14 41	2 36	22 51	0 20	15 1
F 12	8 40	25 52	2 50	16 48	2 0	24 10	2 43	9 32	2 18	16 2	0 24	14 40	2 37	22 51	0 20	15 0
S 13	9 2	25 8	1 50	17 23	2 10	24 23	2 46	9 26	2 16	15 59	0 24	14 39	2 37	22 51	0 20	15 0
S 14	9 24	22 58	0 42	17 56	2 20	24 37	2 50	9 20	2 15	15 56	0 24	14 38	2 37	22 51	0 20	15 0
M15	9 45	19 27	0n30	18 25	2 28	24 50	2 53	9 14	2 13	15 54	0 25	14 37	2 37	22 51	0 20	14 59
T 16	10 7	14 46	1 41	18 52	2 36	25 2	2 57	9 7	2 11	15 51	0 25	14 36	2 37	22 51	0 20	14 59
W17	10 28	9 10	2 49	19 15	2 43	25 13	3 0	9 1	2 10	15 49	0 25	14 34	2 37	22 51	0 20	14 59
T 18	10 49	2 57	3 46	19 36	2 49	25 24	3 3	8 55	2 8	15 46	0 25	14 33	2 37	22 51	0 20	14 58
F 19	11 10	3n31	4 30	19 54	2 54	25 35	3 7	8 48	2 6	15 44	0 25	14 32	2 37	22 51	0 20	14 58
S 20	11 30	9 50	4 55	20 8	2 57	25 45	3 10	8 42	2 4	15 41	0 25	14 31	2 37	22 51	0 20	14 58
S 21	11 51	15 34	5 0	20 20	3 0	25 54	3 13	8 36	2 2	15 39	0 26	14 29	2 37	22 51	0 20	14 57
M22	12 11	20 18	4 44	20 28	3 1	26 3	3 16	8 29	2 0	15 36	0 26	14 28	2 37	22 51	0 20	14 57
T 23	12 31	23 40	4 11	20 34	3 1	26 11	3 18	8 23	1 58	15 34	0 26	14 27	2 37	22 51	0 20	14 57
W24	12 51	25 29	3 22	20 36	3 0	26 18	3 21	8 17	1 55	15 32	0 26	14 26	2 37	22 51	0 20	14 56
T 25	13 11	25 41	2 24	20 35	2 57	26 26	3 24	8 11	1 53	15 29	0 26	14 24	2 38	22 51	0 20	14 56
F 26	13 31	24 24	1 20	20 31	2 53	26 32	3 26	8 5	1 51	15 27	0 27	14 23	2 38	22 51	0 20	14 56
S 27	13 50	21 53	0 13	20 24	2 47	26 38	3 29	7 59	1 49	15 25	0 27	14 22	2 38	22 51	0 20	14 56
S 28	14 9	18 24	0s52	20 14	2 40	26 43	3 31	7 53	1 46	15 23	0 27	14 21	2 38	22 52	0 20	14 55
M29	14 28	14 13	1 54	20 1	2 32	26 48	3 33	7 48	1 44	15 21	0 27	14 19	2 38	22 52	0 20	14 55
T 30	14n46	9n33	2s50	19n46	2n22	26n52	3n35	7s42	1n41	15s19	0s27	14s18	2n38	22s52	0s20	14s55

Julian Day Number = 2693060.5, Delta T = 24m23s  
 Ecliptic obliquity = 23°21'17", Nutation = 0°00'15"  
 Ayanamsha: Fagan/Bradley = 33°59'25", Lahiri = 33°06'25"

## ASTRODIENST EPHEMERIS for the year 2661

MAY 2661

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	14 36 42	10♈59'40	9♍36	18°R53	26♊36	23°R39	19♈45	16°R49	14°R51	19♈23	12♈41	23°R46	24♈24	21♍49	26°Y55	W 1
T 2	14 40 39	11°58'15	21°26	18♈22	27°32	23♈18	19°51	16♍45	14♈50	19°23	12°42	23♈40	24°21	21°56	26°59	T 2
F 3	14 44 36	12°56'47	3♈19	17°48	28°27	22°59	19°58	16°40	14°50	19°24	12°43	23°31	24°17	22° 3	27° 2	F 3
S 4	14 48 32	13°55'18	15°18	17°11	29°22	22°39	20° 5	16°35	14°49	19°24	12°43	23°20	24°14	22° 9	27° 6	S 4
S 5	14 52 29	14°53'46	27°27	16°33	0♈17	22°21	20°11	16°31	14°48	19°25	12°44	23° 8	24°11	22°16	27° 9	S 5
M 6	14 56 25	15°52'13	9♍46	15°53	1°10	22° 3	20°17	16°26	14°47	19°26	12°45	22°56	24° 8	22°23	27°12	M 6
T 7	15 0 22	16°50'37	22°15	15°12	2° 3	21°45	20°23	16°22	14°46	19°26	12°46	22°44	24° 5	22°29	27°16	T 7
W 8	15 4 18	17°49'00	4♈56	14°32	2°56	21°29	20°29	16°17	14°45	19°27	12°47	22°35	24° 1	22°36	27°19	W 8
T 9	15 8 15	18°47'22	17°48	13°53	3°47	21°12	20°35	16°13	14°45	19°27	12°48	22°28	23°58	22°43	27°23	T 9
F 10	15 12 11	19°45'41	0♈51	13°15	4°38	20°57	20°41	16° 8	14°43	19°27	12°49	22°23	23°55	22°49	27°26	F 10
S 11	15 16 8	20°43'59	14° 6	12°40	5°29	20°42	20°46	16° 3	14°42	19°28	12°50	22°21	23°52	22°56	27°29	S 11
S 12	15 20 5	21°42'16	27°33	12° 7	6°18	20°28	20°51	15°59	14°41	19°28	12°51	22°D21	23°49	23° 3	27°33	S 12
M13	15 24 1	22°40'31	11♈13	11°38	7° 7	20°15	20°57	15°54	14°40	19°28	12°52	22°21	23°46	23°10	27°36	M13
T 14	15 27 58	23°38'44	25° 7	11°12	7°55	20° 2	21° 2	15°50	14°39	19°29	12°53	22°R22	23°42	23°16	27°39	T 14
W15	15 31 54	24°36'56	9♈16	10°50	8°42	19°50	21° 6	15°45	14°38	19°29	12°54	22°21	23°39	23°23	27°42	W15
T 16	15 35 51	25°35'07	23°37	10°32	9°29	19°39	21°11	15°41	14°36	19°29	12°55	22°18	23°36	23°30	27°46	T 16
F 17	15 39 47	26°33'16	8°Y 9	10°19	10°14	19°29	21°15	15°36	14°35	19°29	12°56	22°13	23°33	23°36	27°49	F 17
S 18	15 43 44	27°31'24	22°46	10°11	10°59	19°20	21°20	15°32	14°34	19°29	12°57	22° 6	23°30	23°43	27°52	S 18
S 19	15 47 40	28°29'31	7♈22	10°D 7	11°42	19°11	21°24	15°28	14°32	19°30	12°58	21°57	23°26	23°50	27°55	S 19
M20	15 51 37	29°27'36	21°50	10° 8	12°25	19° 3	21°28	15°23	14°31	19°30	12°59	21°49	23°23	23°56	27°58	M20
T 21	15 55 34	0♈25'39	6♈4	10°14	13° 6	18°56	21°31	15°19	14°29	19°30	13° 0	21°42	23°20	24° 3	28° 1	T 21
W22	15 59 30	1°23'41	19°57	10°24	13°47	18°50	21°35	15°15	14°28	19°R30	13° 1	21°36	23°17	24°10	28° 4	W22
T 23	16 3 27	2°21'42	3♈28	10°39	14°26	18°44	21°38	15°10	14°26	19°30	13° 2	21°32	23°14	24°17	28° 7	T 23
F 24	16 7 23	3°19'40	16°34	10°58	15° 4	18°39	21°41	15° 6	14°25	19°30	13° 4	21°D31	23°11	24°23	28°10	F 24
S 25	16 11 20	4°17'37	29°18	11°22	15°41	18°36	21°45	15° 2	14°23	19°29	13° 5	21°31	23° 7	24°30	28°13	S 25
S 26	16 15 16	5°15'32	11♈42	11°50	16°17	18°33	21°47	14°58	14°21	19°29	13° 6	21°32	23° 4	24°37	28°16	S 26
M27	16 19 13	6°13'25	23°51	12°22	16°52	18°30	21°50	14°54	14°20	19°29	13° 7	21°33	23° 1	24°43	28°19	M27
T 28	16 23 9	7°11'17	5♈49	12°58	17°25	18°29	21°52	14°49	14°18	19°29	13° 8	21°R34	22°58	24°50	28°22	T 28
W29	16 27 6	8° 9'07	17°42	13°37	17°56	18°D28	21°55	14°45	14°16	19°29	13°10	21°33	22°55	24°57	28°25	W29
T 30	16 31 3	9° 6'55	29°33	14°21	18°27	18°28	21°57	14°41	14°14	19°29	13°11	21°31	22°52	25° 4	28°28	T 30
F 31	16 34 59	10♈42	11♈29	15° 8	18♈55	18♈29	21♈59	14♍38	14♈12	19♈28	13♈12	21♈27	22♈48	25♍10	28°Y31	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	15n 4	4n35	3s37	19n28	2n11	26n56	3n37	7s37	1n39	15s17	0s27	14s17	2n38	22s52	0s20	14n47
T 2	15 22	0s32	4 16	19 8	1 58	26 59	3 39	7 32	1 36	15 15	0 28	14 16	2 38	22 52	0 20	14 55
F 3	15 40	5 39	4 43	18 45	1 45	27 1	3 41	7 27	1 34	15 13	0 28	14 14	2 38	22 52	0 20	14 54
S 4	15 58	10 36	4 59	18 21	1 30	27 3	3 42	7 22	1 31	15 11	0 28	14 13	2 38	22 52	0 20	14 54
S 5	16 15	15 12	5 1	17 55	1 15	27 5	3 44	7 18	1 29	15 9	0 28	14 12	2 38	22 52	0 20	14 54
M 6	16 32	19 15	4 49	17 28	0 58	27 6	3 45	7 13	1 26	15 7	0 28	14 10	2 38	22 52	0 20	14 54
T 7	16 49	22 30	4 23	17 0	0 42	27 6	3 46	7 9	1 24	15 5	0 29	14 9	2 38	22 52	0 20	14 54
W 8	17 5	24 43	3 44	16 32	0 25	27 6	3 47	7 5	1 21	15 4	0 29	14 8	2 38	22 53	0 20	14 54
T 9	17 17	25 40	2 53	16 4	0 7	27 6	3 48	7 2	1 19	15 2	0 29	14 7	2 38	22 53	0 20	14 53
F 10	17 37	25 13	1 52	15 36	0s10	27 5	3 48	6 58	1 16	15 1	0 29	14 5	2 38	22 53	0 20	14 53
S 11	17 52	23 20	0 44	15 9	0 27	27 3	3 49	6 55	1 14	14 59	0 29	14 4	2 37	22 53	0 20	14 53
S 12	18 8	20 7	0n28	14 43	0 44	27 1	3 49	6 52	1 11	14 58	0 30	14 3	2 37	22 53	0 20	14 53
M13	18 23	15 46	1 39	14 18	1 1	26 59	3 49	6 50	1 9	14 56	0 30	14 2	2 37	22 53	0 20	14 53
T 14	18 37	10 30	2 46	13 55	1 17	26 56	3 49	6 47	1 6	14 55	0 30	14 0	2 37	22 53	0 20	14 53
W15	18 51	4 37	3 44	13 34	1 32	26 52	3 49	6 45	1 3	14 53	0 30	13 59	2 37	22 54	0 20	14 53
T 16	19 5	1n35	4 28	13 15	1 46	26 49	3 48	6 43	1 1	14 52	0 30	13 58	2 37	22 54	0 20	14 53
F 17	19 19	7 46	4 56	12 58	2 0	26 45	3 48	6 42	0 58	14 51	0 31	13 57	2 37	22 54	0 20	14 53
S 18	19 32	13 33	5 5	12 43	2 13	26 40	3 47	6 41	0 56	14 50	0 31	13 56	2 37	22 54	0 20	14 53
S 19	19 45	18 34	4 55	12 30	2 25	26 35	3 46	6 40	0 53	14 49	0 31	13 54	2 37	22 54	0 20	14 53
M20	19 58	22 25	4 25	12 20	2 36	26 30	3 44	6 39	0 51	14 48	0 31	13 53	2 37	22 54	0 21	14 53
T 21	20 10	24 50	3 39	12 13	2 46	26 24	3 43	6 38	0 49	14 47	0 31	13 52	2 37	22 55	0 21	14 53
W22	20 22	25 39	2 41	12 7	2 55	26 18	3 41	6 38	0 46	14 46	0 32	13 51	2 37	22 55	0 21	14 53
T 23	20 34	24 54	1 36	12 4	3 3	26 12	3 39	6 38	0 44	14 45	0 32	13 50	2 37	22 55	0 21	14 53
F 24	20 45	22 46	0 27	12 3	3 10	26 5	3 36	6 39	0 41	14 44	0 32	13 49	2 36	22 55	0 21	14 53
S 25	20 56	19 32	0s42	12 5	3 16	25 58	3 34	6 40	0 39	14 43	0 32	13 48	2 36	22 55	0 21	14 53
S 26	21 6	15 30	1 47	12 8	3 21	25 51	3 31	6 41	0 37	14 42	0 32	13 47	2 36	22 56	0 21	14 53
M27	21 16	10 55	2 46	12 14	3 25	25 44	3 28	6 42	0 34	14 42	0 33	13 46	2 36	22 56	0 21	14 53
T 28	21 26	5 59	3 36	12 22	3 28	25 36	3 24	6 43	0 32	14 41	0 33	13 44	2 36	22 56	0 21	14 53
W29	21 35	0 54	4 17	12 31	3 31	25 28	3 20	6 45	0 30	14 41	0 33	13 43	2 36	22 56	0 21	14 53
T 30	21 44	4s13	4 47	12 42	3 32	25 20	3 16	6 47	0 28	14 40	0 33	13 42	2 36	22 56	0 21	14 53
F 31	21n53	9s12	5s 5	12n55	3s33	25n12	3n12	6s50	0n25	14s40	0s34	13s41	2n36	22s57	0s21	14s53

Julian Day Number = 2693090.5, Delta T = 24m23s

Ecliptic obliquity = 23°21'16, Nutation = 0°00'15

Ayanamsha: Fagan/Bradley = 33°59'29, Lahiri = 33°06'29

## ASTRODIENST EPHEMERIS for the year 2661

JUNE 2661

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 38 56	11II 2'27	23♂33	15♂59	19♂22	18♂31	22♂ 0	14°R34	14°R11	19°R28	13♂13	21°R22	22♂45	25♂17	28°Y34	S 1
S 2	16 42 52	12° 0'10	5♂48	16°53	19°48	18°33	22° 2	14♂30	14♂ 9	19♂28	13°15	21♂15	22°42	25°24	28°36	S 2
M 3	16 46 49	12°57'52	18°16	17°51	20°12	18°36	22° 3	14°26	14° 7	19°27	13°16	21° 9	22°39	25°30	28°39	M 3
T 4	16 50 45	13°55'33	0♂59	18°51	20°34	18°40	22° 5	14°22	14° 5	19°27	13°17	21° 2	22°36	25°37	28°42	T 4
W 5	16 54 42	14°53'12	13°58	19°55	20°54	18°45	22° 6	14°19	14° 3	19°26	13°19	20°57	22°32	25°44	28°45	W 5
T 6	16 58 38	15°50'51	27°10	21° 2	21°12	18°50	22° 6	14°15	14° 1	19°26	13°20	20°53	22°29	25°51	28°47	T 6
F 7	17 2 35	16°48'28	10♂36	22°12	21°29	18°56	22° 7	14°12	13°59	19°25	13°21	20°51	22°26	25°57	28°50	F 7
S 8	17 6 32	17°46'04	24°14	23°24	21°43	19° 2	22° 7	14° 8	13°57	19°25	13°22	20°D51	22°23	26° 4	28°52	S 8
S 9	17 10 28	18°43'39	8♂ 2	24°40	21°55	19°10	22° 8	14° 5	13°54	19°24	13°24	20°52	22°20	26°11	28°55	S 9
M10	17 14 25	19°41'13	21°59	25°58	22° 6	19°18	22°R 8	14° 2	13°52	19°24	13°25	20°53	22°17	26°17	28°57	M10
T 11	17 18 21	20°38'46	6♂ 3	27°19	22°14	19°26	22° 7	13°59	13°50	19°23	13°27	20°54	22°13	26°24	29° 0	T 11
W12	17 22 18	21°36'19	20°13	28°43	22°20	19°35	22° 7	13°55	13°48	19°22	13°28	20°R55	22°10	26°31	29° 2	W12
T 13	17 26 14	22°33'50	4°Y27	0II 9	22°23	19°45	22° 7	13°52	13°46	19°22	13°29	20°55	22° 7	26°37	29° 5	T 13
F 14	17 30 11	23°31'21	18°42	1°39	22°R25	19°56	22° 6	13°49	13°44	19°21	13°31	20°53	22° 4	26°44	29° 7	F 14
S 15	17 34 7	24°28'52	2♂56	3°10	22°24	20° 7	22° 5	13°46	13°41	19°20	13°32	20°50	22° 1	26°51	29° 9	S 15
S 16	17 38 4	25°26'21	17° 5	4°45	22°21	20°19	22° 4	13°44	13°39	19°20	13°33	20°47	21°58	26°58	29°12	S 16
M17	17 42 1	26°23'50	1II 5	6°22	22°15	20°31	22° 2	13°41	13°37	19°19	13°35	20°43	21°54	27° 4	29°14	M17
T 18	17 45 57	27°21'18	14°53	8° 2	22° 7	20°44	22° 1	13°38	13°34	19°18	13°36	20°40	21°51	27°11	29°16	T 18
W19	17 49 54	28°18'46	28°25	9°44	21°56	20°57	21°59	13°36	13°32	19°17	13°38	20°38	21°48	27°18	29°18	W19
T 20	17 53 50	29°16'13	11♂39	11°29	21°44	21°12	21°57	13°33	13°30	19°16	13°39	20°36	21°45	27°24	29°20	T 20
F 21	17 57 47	0♂13'38	24°35	13°16	21°28	21°26	21°55	13°31	13°27	19°15	13°41	20°D36	21°42	27°31	29°23	F 21
S 22	18 1 43	1°11'03	7♂13	15° 6	21°11	21°41	21°53	13°28	13°25	19°14	13°42	20°37	21°39	27°38	29°25	S 22
S 23	18 5 40	2° 8'27	19°35	16°58	20°51	21°57	21°51	13°26	13°23	19°13	13°43	20°38	21°35	27°45	29°27	S 23
M24	18 9 37	3° 5'50	1♂44	18°53	20°29	22°13	21°48	13°24	13°20	19°12	13°45	20°40	21°32	27°51	29°29	M24
T 25	18 13 33	4° 3'11	13°43	20°50	20° 4	22°30	21°45	13°22	13°18	19°11	13°46	20°41	21°29	27°58	29°30	T 25
W26	18 17 30	5° 0'32	25°37	22°50	19°38	22°47	21°42	13°20	13°16	19°10	13°48	20°42	21°26	28° 5	29°32	W26
T 27	18 21 26	5°57'52	7♂29	24°51	19°10	23° 5	21°39	13°18	13°13	19° 9	13°49	20°R42	21°23	28°11	29°34	T 27
F 28	18 25 23	6°55'12	19°26	26°55	18°39	23°23	21°36	13°16	13°11	19° 8	13°51	20°42	21°19	28°18	29°36	F 28
S 29	18 29 19	7°52'30	1♂31	29° 0	18° 8	23°42	21°32	13°14	13° 8	19° 7	13°52	20°41	21°16	28°25	29°38	S 29
S 30	18 33 16	8♂49'48	13♂49	1♂ 7	17♂34	24♂ 1	21♂28	13♂13	13♂ 6	19♂ 6	13♂54	20♂39	21♂13	28♂32	29°Y39	S 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	22n 1	13s54	5s 9	13n10	3s33	25n 3	3n 7	6s52	0n23	14s39	0s34	13s40	2n35	22s57	0s21	14s53
S 2	22 9 18	7 5 0	13 25	3 32	24 54	3 2	6 55	0 21	14 39	0 34	13 39	2 35	22 57	0 21	14 53	0 3
M 3	22 16 21	37 4 36	13 43	3 31	24 45	2 57	6 58	0 19	14 39	0 34	13 39	2 35	22 57	0 21	14 54	0 3
T 4	22 23 24	10 3 58	14 1	3 29	24 36	2 51	7 2	0 17	14 39	0 34	13 38	2 35	22 57	0 21	14 54	0 3
W 5	22 30 25	30 3 7	14 21	3 26	24 27	2 45	7 5	0 15	14 39	0 35	13 37	2 35	22 58	0 21	14 54	0 3
T 6	22 36 25	25 2 5	14 42	3 22	24 18	2 39	7 9	0 13	14 39	0 35	13 36	2 35	22 58	0 21	14 54	0 3
F 7	22 42 23	51 0 56	15 4	3 18	24 9	2 32	7 13	0 11	14 39	0 35	13 35	2 34	22 58	0 21	14 54	0 3
S 8	22 48 20	53 0n18	15 27	3 13	23 59	2 25	7 18	0 9	14 39	0 35	13 34	2 34	22 58	0 21	14 54	0 3
S 9	22 53 16	42 1 33	15 50	3 7	23 50	2 17	7 22	0 7	14 39	0 36	13 33	2 34	22 59	0 21	14 55	0 3
M10	22 57 11	35 2 42	16 14	3 1	23 40	2 9	7 27	0 5	14 39	0 36	13 33	2 34	22 59	0 21	14 55	0 3
T 11	23 2 5 49	3 42	16 39	2 55	23 30	2 0	7 32	0 3	14 39	0 36	13 32	2 34	22 59	0 21	14 55	0 3
W12	23 5 0n16	4 29	17 4	2 48	23 21	1 52	7 37	0 1	14 40	0 36	13 31	2 33	22 59	0 21	14 55	0 2
T 13	23 9 6 21	5 0	17 30	2 40	23 11	1 42	7 43	0s 1	14 40	0 36	13 30	2 33	23 0	0 21	14 55	0 2
F 14	23 12 12 7	5 13	17 56	2 32	23 1	1 33	7 48	0 2	14 40	0 37	13 30	2 33	23 0	0 21	14 56	0 2
S 15	23 14 17	14 5	18 22	2 23	22 51	1 22	7 54	0 4	14 41	0 37	13 29	2 33	23 0	0 21	14 56	0 2
S 16	23 17 21	22 4 41	18 48	2 14	22 42	1 12	8 0	0 6	14 41	0 37	13 28	2 33	23 0	0 21	14 56	0 2
M17	23 18 24	12 3 59	19 15	2 5	22 32	1 1	8 6	0 8	14 42	0 37	13 28	2 32	23 1	0 21	14 56	0 2
T 18	23 20 25	33 3 4	19 40	1 55	22 22	0 50	8 13	0 9	14 43	0 38	13 27	2 32	23 1	0 21	14 57	0 2
W19	23 21 25	20 1 59	20 6	1 45	22 12	0 38	8 19	0 11	14 44	0 38	13 27	2 32	23 1	0 21	14 57	0 2
T 20	23 21 23	40 0 49	20 31	1 35	22 2	0 26	8 26	0 13	14 44	0 38	13 26	2 32	23 1	0 21	14 57	0 2
F 21	23 21 20	46 0s22	20 55	1 24	21 52	0 13	8 33	0 14	14 45	0 38	13 26	2 32	23 2	0 21	14 57	0 2
S 22	23 21 16	57 1 30	21 19	1 13	21 42	0 0	8 40	0 16	14 46	0 38	13 25	2 31	23 2	0 21	14 58	0 2
S 23	23 20 12	28 2 33	21 41	1 2	21 32	0s13	8 47	0 17	14 47	0 39	13 25	2 31	23 2	0 21	14 58	0 2
M24	23 19 7 35	3 28	22 3	0 51	21 22	0 26	8 55	0 19	14 48	0 39	13 24	2 31	23 2	0 21	14 58	0 2
T 25	23 18 2 29	4 13	22 23	0 39	21 12	0 40	9 3	0 20	14 49	0 39	13 24	2 31	23 3	0 21	14 59	0 2
W26	23 16 2s39	4 46	22 42	0 28	21 2	0 54	9 10	0 22	14 51	0 39	13 24	2 30	23 3	0 21	14 59	0 2
T 27	23 13 7 40	5 8	22 58	0 17	20 52	1 8	9 18	0 23	14 52	0 40	13 23	2 30	23 3	0 21	14 59	0 2
F 28	23 10 12 27	5 16	23 13	0 6	20 42	1 22	9 26	0 25	14 53	0 40	13 23	2 30	23 3	0 21	15 0	0 2
S 29	23 7 16 49	5 10	23 26	0n 5	20 33	1 36	9 35	0 26	14 54	0 40	13 23	2 30	23 4	0 21	15 0	0 2
S 30	23n 4	20s33	4s51	23n37	0n16	20n23	1s50	9s43	0s28	14s56	0s40	13s22	2n29	23s 4	0s21	15s 0

Julian Day Number = 2693121.5, Delta T = 24m24s

Ecliptic obliquity = 23°21'15, Nutation = 0°00'15

Ayanamsha: Fagan/Bradley = 33°59'33, Lahiri = 33°06'33

## ASTRODIENST EPHEMERIS for the year 2661

JULY 2661

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	18 37 12	9 <sup>54</sup> 7'05	26 <sup>11</sup> 23	3 <sup>51</sup> 15	17°R 0	24 <sup>21</sup> 21	21°R25	13°R11	13°R 3	19°R 5	13 <sup>55</sup> 55	20°R38	21 <sup>10</sup> 10	28 <sup>38</sup> 38	29 <sup>41</sup> 41	M 1
T 2	18 41 9	10°44'21	9 <sup>21</sup> 15	5°25	16 <sup>24</sup> 24	24°41	21 <sup>20</sup> 20	13 <sup>10</sup> 10	13 <sup>10</sup> 1	19 <sup>38</sup> 4	13°57	20 <sup>37</sup> 37	21° 7	28°45	29°43	T 2
W 3	18 45 6	11°41'37	22°25	7°35	15°48	25° 1	21°16	13° 8	12°59	19° 3	13°58	20°35	21° 4	28°52	29°44	W 3
T 4	18 49 2	12°38'52	5 <sup>35</sup> 57	9°47	15°10	25°22	21°12	13° 7	12°56	19° 1	14° 0	20°35	21° 0	28°58	29°46	T 4
F 5	18 52 59	13°36'07	19°46	11°58	14°33	25°44	21° 7	13° 6	12°54	19° 0	14° 1	20°D35	20°57	29° 5	29°47	F 5
S 6	18 56 55	14°33'21	3 <sup>38</sup> 50	14° 9	13°55	26° 5	21° 3	13° 5	12°51	18°59	14° 2	20°35	20°54	29°12	29°48	S 6
S 7	19 0 52	15°30'36	18° 5	16°21	13°18	26°27	20°58	13° 4	12°49	18°58	14° 4	20°35	20°51	29°19	29°50	S 7
M 8	19 4 48	16°27'50	2 <sup>18</sup> 27	18°32	12°40	26°50	20°53	13° 3	12°46	18°56	14° 5	20°36	20°48	29°25	29°51	M 8
T 9	19 8 45	17°25'04	16°51	20°42	12° 4	27°13	20°48	13° 2	12°44	18°55	14° 7	20°36	20°45	29°32	29°52	T 9
W10	19 12 41	18°22'18	1 <sup>19</sup> 13	22°51	11°28	27°36	20°42	13° 2	12°41	18°54	14° 8	20°36	20°41	29°39	29°54	W10
T 11	19 16 38	19°19'32	15°30	24°59	10°53	28° 0	20°37	13° 1	12°39	18°52	14°10	20°R36	20°38	29°45	29°55	T 11
F 12	19 20 35	20°16'46	29°39	27° 5	10°20	28°24	20°31	13° 1	12°37	18°51	14°11	20°D36	20°35	29°52	29°56	F 12
S 13	19 24 31	21°14'01	13 <sup>38</sup> 38	29°11	9°48	28°48	20°26	13° 0	12°34	18°50	14°13	20°36	20°32	29°59	29°57	S 13
S 14	19 28 28	22°11'15	27°25	1 <sup>10</sup> 14	9°17	29°13	20°20	13° 0	12°32	18°48	14°14	20°36	20°29	0 <sup>0</sup> 6	29°58	S 14
M15	19 32 24	23° 8'30	11 <sup>11</sup> 0	3°16	8°48	29°38	20°14	13° 0	12°29	18°47	14°16	20°36	20°25	0°12	29°59	M15
T 16	19 36 21	24° 5'45	24°21	5°16	8°22	0 <sup>0</sup> 4	20° 8	13°D 0	12°27	18°45	14°17	20°37	20°22	0°19	29°59	T 16
W17	19 40 17	25° 3'01	7 <sup>28</sup> 28	7°15	7°57	0°29	20° 1	13° 0	12°25	18°44	14°19	20°37	20°19	0°26	0 <sup>0</sup> 1	W17
T 18	19 44 14	26° 0'16	20°22	9°11	7°34	0°55	19°55	13° 0	12°22	18°42	14°20	20°R37	20°16	0°32	0° 2	T 18
F 19	19 48 10	26°57'31	3 <sup>10</sup> 2	11° 6	7°14	1°22	19°48	13° 0	12°20	18°41	14°21	20°37	20°13	0°39	0° 2	F 19
S 20	19 52 7	27°54'47	15°28	12°59	6°56	1°49	19°42	13° 1	12°18	18°39	14°23	20°37	20°10	0°46	0° 3	S 20
S 21	19 56 4	28°52'02	27°43	14°49	6°40	2°16	19°35	13° 1	12°15	18°38	14°24	20°36	20° 6	0°53	0° 4	S 21
M22	20 0 0	29°49'18	9 <sup>10</sup> 48	16°38	6°26	2°43	19°28	13° 2	12°13	18°36	14°26	20°34	20° 3	0°59	0° 4	M22
T 23	20 3 57	0 <sup>0</sup> 46'33	21°45	18°25	6°15	3°11	19°21	13° 2	12°11	18°35	14°27	20°33	20° 0	1° 6	0° 5	T 23
W24	20 7 53	1°43'48	3 <sup>38</sup> 38	20°10	6° 6	3°39	19°14	13° 3	12° 9	18°33	14°29	20°32	19°57	1°13	0° 5	W24
T 25	20 11 50	2°41'04	15°30	21°53	6° 0	4° 7	19° 7	13° 4	12° 6	18°32	14°30	20°31	19°54	1°19	0° 6	T 25
F 26	20 15 46	3°38'19	27°26	23°34	5°56	4°36	19° 0	13° 5	12° 4	18°30	14°31	20°30	19°50	1°26	0° 6	F 26
S 27	20 19 43	4°35'35	9 <sup>10</sup> 30	25°13	5°D54	5° 5	18°53	13° 6	12° 2	18°29	14°33	20°D30	19°47	1°33	0° 7	S 27
S 28	20 23 39	5°32'51	21°46	26°50	5°55	5°34	18°46	13° 7	12° 0	18°27	14°34	20°31	19°44	1°40	0° 7	S 28
M29	20 27 36	6°30'06	4 <sup>10</sup> 20	28°25	5°58	6° 3	18°38	13° 8	11°58	18°26	14°36	20°32	19°41	1°46	0° 7	M29
T 30	20 31 33	7°27'23	17°14	29°58	6° 3	6°33	18°31	13° 9	11°55	18°24	14°37	20°33	19°38	1°53	0° 7	T 30
W31	20 35 29	8 <sup>10</sup> 24'39	0 <sup>0</sup> 31	1 <sup>10</sup> 30	6 <sup>10</sup> 10	7 <sup>10</sup> 3	18 <sup>23</sup> 23	13 <sup>11</sup> 11	11 <sup>53</sup> 53	18 <sup>22</sup> 22	14 <sup>38</sup> 38	20 <sup>34</sup> 34	19 <sup>35</sup> 35	2 <sup>0</sup> 0	0 <sup>0</sup> 8	W31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	23n 0	23s26	4s17	23n45	0n26	20n13	2s 5	9s51	0s29	14s57	0s40	13s22	2n29	23s 4	0s21	15s 1	0n 2	18n 8	4s31	21s47	21s42	3s49	11n43	0n25	
T 2	22 55	25 12	3 29	23 51	0 36	20 3	2 19	10 0	0 30	14 59	0 41	13 22	2 29	23 4	0 21	15 1	0 2	18 8	4 31	21 47	21 42	3 52	11 43	0 25	
W 3	22 51	25 38	2 30	23 54	0 46	19 54	2 33	10 9	0 32	15 0	0 41	13 22	2 29	23 5	0 21	15 1	0 2	18 8	4 31	21 47	21 43	3 55	11 44	0 25	
T 4	22 45	24 33	1 20	23 55	0 55	19 44	2 47	10 18	0 33	15 2	0 41	13 22	2 28	23 5	0 21	15 2	0 2	18 8	4 31	21 47	21 43	3 58	11 44	0 25	
F 5	22 40	21 59	0 4	23 52	1 4	19 35	3 0	10 26	0 34	15 4	0 41	13 22	2 28	23 5	0 21	15 2	0 2	18 8	4 31	21 47	21 44	4 1	11 44	0 25	
S 6	22 34	18 3	1n13	23 47	1 12	19 25	3 13	10 36	0 36	15 5	0 42	13 22	2 28	23 5	0 21	15 3	0 2	18 8	4 31	21 47	21 44	4 4	11 45	0 25	
S 7	22 27	13 2	2 27	23 40	1 19	19 16	3 26	10 45	0 37	15 7	0 42	13 22	2 28	23 6	0 21	15 3	0 2	18 7	4 31	21 47	21 45	4 7	11 45	0 25	
M 8	22 21	7 16	3 32	23 29	1 25	19 8	3 39	10 54	0 38	15 9	0 42	13 22	2 27	23 6	0 21	15 3	0 2	18 7	4 31	21 47	21 45	4 10	11 46	0 25	
T 9	22 13	1 7	4 24	23 16	1 31	18 59	3 51	11 3	0 39	15 11	0 42	13 22	2 27	23 6	0 21	15 4	0 2	18 7	4 31	21 47	21 46	4 13	11 46	0 24	
W10	22 6	5n 4	4 59	23 1	1 36	18 51	4 2	11 13	0 40	15 13	0 42	13 22	2 27	23 6	0 21	15 4	0 2	18 7	4 31	21 47	21 46	4 16	11 47	0 24	
T 11	21 58	10 56	5 16	22 43	1 41	18 43	4 13	11 22	0 42	15 14	0 43	13 22	2 27	23 7	0 21	15 5	0 2	18 7	4 31	21 47	21 47	4 19	11 47	0 24	
F 12	21 50	16 11	5 13	22 22	1 44	18 35	4 23	11 32	0 43	15 16	0 43	13 22	2 26	23 7	0 21	15 5	0 2	18 7	4 31	21 47	21 47	4 22	11 47	0 24	
S 13	21 41	20 31	4 52	22 0	1 47	18 27	4 33	11 42	0 44	15 18	0 43	13 22	2 26	23 7	0 21	15 6	0 2	18 7	4 31	21 47	21 48	4 25	11 48	0 24	
S 14	21 32	23 38	4 14	21 35	1 49	18 20	4 42	11 52	0 45	15 20	0 43	13 22	2 26	23 7	0 21	15 6	0 2	18 7	4 31	21 47	21 48	4 28	11 48	0 24	
M15	21 23	25 21	3 22	21 9	1 50	18 14	4 51	12 1	0 46	15 23	0 43	13 22	2 25	23 7	0 21	15 6	0 2	18 7	4 30	21 47	21 48	4 31	11 48	0 24	
T 16	21 13	25 34	2 21	20 41	1 51	18 7	4 59	12 11	0 47	15 25	0 44	13 23	2 25	23 8	0 21	15 7	0 2	18 6	4 30	21 47	21 49	4 34	11 49	0 24	
W17	21 3	24 21	1 12	20 11	1 51	18 2	5 6	12 21	0 48	15 27	0 44	13 23	2 25	23 8	0 21	15 7	0 2	18 6	4 30	21 47	21 49	4 37	11 49	0 24	
T 18	20 52	21 50	0 1	19 40	1 50	17 56	5 12	12 31	0 49	15 29	0 44	13 23	2 25	23 8	0 21	15 8	0 2	18 6	4 30	21 47	21 50	4 40	11 49	0 24	
F 19	20 41	18 18	1s 8	19 7	1 49	17 51	5 19	12 42	0 50	15 31	0 44	13 23	2 24	23 8	0 21	15 8	0 2	18 6	4 30	21 47	21 50	4 43	11 49	0 24	
S 20	20 30	14 1	2 13	18 34	1 46	17 47	5 24	12 52	0 51	15 34	0 44	13 24	2 24	23 9	0 21	15 9	0 2	18 6	4 30	21 47	21 51	4 46	11 49	0 24	
S 21	20 19	9 14	3 11	17 59	1 44	17 43	5 29	13 2	0 52	15 36	0 44	13 24	2 24	23 9	0 21	15 9	0 2	18 6	4 30	21 47	21 51	4 48	11 50	0 24	
M22	20 7	4 10	4 0	17 23	1 40	17 39	5 33	13 12	0 53	15 38	0 45	13 25	2 24	23 9	0 21	15 10	0 2	18 6	4 30	21 47	21 52	4 51	11 50	0 24	
T 23	19 55	0s59	4 37	16 47	1 36	17 36	5 37	13 23	0 54	15 40	0 45	13 25	2 23	23 9	0 21	15 10	0 2	18 6	4 30	21 47	21 52	4 54	11 50	0 24	
W24	19 42	6 4	5 2	16 10	1 32	17 33	5 40	13 33	0 55	15 43	0 45	13 25	2 23	23 9	0 21	15 11	0 2	18 6	4 30	21 48	21 53	4 57	11 50	0 24	
T 25	19 29	10 55	5 15	15 32	1 27	17 31	5 42	13 44	0 56	15 45	0 45	13 26	2 23	23 10	0 21	15 11	0 2	18 5	4 30	21 48	21 53	5 0	11 50	0 24	
F 26	19 16	15 24	5 14	14 54	1 22	17 29	5 44	13 54	0 57	15 48	0 45	13 26	2 23	23 10	0 21	15 12	0 2	18 5	4 30	21 48	21 54	5 3	11 50	0 24	
S 27	19 3	19 19	4 59	14 15	1 16	17 28	5 46	14 5	0 58	15 50	0 46	13 27	2 22	23 10	0 21	15 12	0 2	18 5	4 30	21 48	21 54	5 6	11 50	0 24	
S 28	18 49	22 30	4 30	13 36	1 9	17 27	5 47	14 15	0 59	15 52	0 46	13 28	2 22	23 10	0 21	15 13	0 2	18 5	4 30	21 48	21 55	5 9	11 50	0 24	
M29	18 35	24 40	3 48	12 57	1 2	17 26	5 48	14 26	1 0	15 55	0 46	13 28	2 22	23 10	0 21	15 13	0 2	18 5	4 30	21 48	21 55	5 12	11 51	0 24	
T 30	18 20	25 38	2 54	12 18	0 55	17 25	5 48	14 36	1 1	15 57	0 46	13 29	2 21	23 11	0 21	15 14	0 2	18 5	4 30	21 47	21 55	5 15	11 51	0 23	
W31	18n 6	25s10	1s48	11n39	0n47	17n25	5s48	14s47	1s 1	16s 0	0s46	13s30	2n21	23s11	0s21	15s14	0n 2	18n 5	4s30	21s47	21s56	5s18	11n51	0n23	

## ASTRODIENST EPHEMERIS for the year 2661

AUGUST 2661

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 39 26	9♂21'55	14♂12	2♂59	6♂20	7♂33	18°R16	13♂12	11°R51	18°R21	14♂40	20°R35	19♂31	2♂6	0♂8	T 1
F 2	20 43 22	10°19'12	28°17	4°26	6°31	8°3	18°8	13°14	11°349	18°19	14°41	20°35	19°28	2°13	0°R 8	F 2
S 3	20 47 19	11°16'30	12°43	5°52	6°45	8°34	18°0	13°15	11°47	18°18	14°42	20°34	19°25	2°20	0°8	S 3
S 4	20 51 15	12°13'47	27°23	7°15	7°0	9°5	17°53	13°17	11°45	18°16	14°44	20°32	19°22	2°27	0°8	S 4
M 5	20 55 12	13°11'06	12°12	8°36	7°18	9°36	17°45	13°19	11°43	18°14	14°45	20°29	19°19	2°33	0°8	M 5
T 6	20 59 9	14°8'25	27°2	9°55	7°37	10°7	17°37	13°21	11°41	18°13	14°46	20°26	19°16	2°40	0°7	T 6
W 7	21 3 5	15°5'45	11°44	11°12	7°58	10°39	17°29	13°23	11°39	18°11	14°48	20°23	19°12	2°47	0°7	W 7
T 8	21 7 2	16°3'06	26°14	12°27	8°21	11°11	17°22	13°25	11°37	18°10	14°49	20°21	19°9	2°53	0°7	T 8
F 9	21 10 58	17°0'28	10♂26	13°39	8°46	11°43	17°14	13°28	11°36	18°8	14°50	20°20	19°6	3°0	0°7	F 9
S 10	21 14 55	17°57'52	24°20	14°49	9°12	12°15	17°6	13°30	11°34	18°6	14°51	20°D20	19°3	3°7	0°6	S 10
S 11	21 18 51	18°55'16	7♂55	15°57	9°40	12°48	16°58	13°32	11°32	18°5	14°53	20°21	19°0	3°14	0°6	S 11
M12	21 22 48	19°52'41	21°12	17°2	10°9	13°20	16°50	13°35	11°30	18°3	14°54	20°22	18°56	3°20	0°5	M12
T 13	21 26 44	20°50'08	4♂13	18°5	10°40	13°53	16°43	13°38	11°29	18°1	14°55	20°24	18°53	3°27	0°5	T 13
W14	21 30 41	21°47'35	16°59	19°5	11°12	14°26	16°35	13°40	11°27	18°0	14°56	20°R25	18°50	3°34	0°4	W14
T 15	21 34 38	22°45'04	29°33	20°2	11°46	15°0	16°27	13°43	11°25	17°58	14°58	20°24	18°47	3°41	0°4	T 15
F 16	21 38 34	23°42'34	11♂56	20°56	12°21	15°33	16°20	13°46	11°24	17°57	14°59	20°22	18°44	3°47	0°3	F 16
S 17	21 42 31	24°40'04	24°9	21°47	12°57	16°7	16°12	13°49	11°22	17°55	15°0	20°19	18°41	3°54	0°2	S 17
S 18	21 46 27	25°37'35	6♂15	22°35	13°34	16°41	16°4	13°52	11°21	17°53	15°1	20°14	18°37	4°1	0°1	S 18
M19	21 50 24	26°35'08	18°14	23°19	14°12	17°15	15°57	13°55	11°19	17°52	15°2	20°8	18°34	4°7	0°1	M19
T 20	21 54 20	27°32'41	0♂8	24°0	14°52	17°50	15°49	13°59	11°18	17°50	15°3	20°1	18°31	4°14	29°59	T 20
W21	21 58 17	28°30'15	12°0	24°37	15°32	18°24	15°42	14°2	11°16	17°48	15°5	19°54	18°28	4°21	29°59	W21
T 22	22 2 13	29°27'50	23°51	25°10	16°14	18°59	15°34	14°5	11°15	17°47	15°6	19°48	18°25	4°28	29°58	T 22
F 23	22 6 10	0♂25'26	5♂46	25°39	16°57	19°34	15°27	14°9	11°13	17°45	15°7	19°44	18°22	4°34	29°57	F 23
S 24	22 10 6	1°23'03	17°48	26°4	17°40	20°9	15°20	14°12	11°12	17°44	15°8	19°41	18°18	4°41	29°56	S 24
S 25	22 14 3	2°20'41	0♂1	26°24	18°25	20°44	15°13	14°16	11°11	17°42	15°9	19°D40	18°15	4°48	29°54	S 25
M26	22 18 0	3°18'20	12°30	26°39	19°10	21°20	15°6	14°20	11°10	17°41	15°10	19°40	18°12	4°54	29°53	M26
T 27	22 21 56	4°16'00	25°20	26°49	19°56	21°56	14°59	14°24	11°9	17°39	15°11	19°41	18°9	5°1	29°52	T 27
W28	22 25 53	5°13'41	8♂35	26°R54	20°43	22°31	14°52	14°28	11°8	17°38	15°12	19°43	18°6	5°8	29°51	W28
T 29	22 29 49	6°11'23	22°16	26°53	21°31	23°7	14°45	14°32	11°6	17°36	15°13	19°R43	18°2	5°15	29°50	T 29
F 30	22 33 46	7°9'06	6♂26	26°47	22°20	23°44	14°38	14°36	11°5	17°34	15°14	19°42	17°59	5°21	29°48	F 30
S 31	22 37 42	8♂6'50	21°2	26♂35	23♂9	24♂20	14°32	14♂40	11♂4	17°33	15°15	19°39	17♂56	5°28	29°47	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	17n51	23s11	0s35	10n59	0n39	17n25	5s47	14s58	1s2	16s2	0s46	13s30	2n21	23s11	0s21	15s15	0n2
F 2	17 36	19 44	0n42	10 20	0 31	17 26	5 46	15 8	1 3	16 5	0 46	13 31	2 21	23 11	0 21	15 15	0 2
S 3	17 20	15 2	1 59	9 40	0 22	17 26	5 45	15 19	1 4	16 7	0 47	13 32	2 20	23 11	0 21	15 16	0 2
S 4	17 4	9 23	3 9	9 1	0 13	17 27	5 44	15 30	1 5	16 10	0 47	13 33	2 20	23 11	0 21	15 16	0 2
M 5	16 48	3 9	4 7	8 22	0 4	17 28	5 42	15 40	1 5	16 12	0 47	13 33	2 20	23 12	0 21	15 17	0 2
T 6	16 32	3n14	4 48	7 44	0s 6	17 29	5 40	15 51	1 6	16 15	0 47	13 34	2 20	23 12	0 21	15 17	0 2
W 7	16 15	9 23	5 10	7 6	0 16	17 30	5 37	16 1	1 7	16 17	0 47	13 35	2 19	23 12	0 21	15 18	0 2
T 8	15 58	14 56	5 12	6 28	0 26	17 31	5 35	16 12	1 8	16 20	0 47	13 36	2 19	23 12	0 21	15 18	0 2
F 9	15 41	19 34	4 55	5 51	0 36	17 33	5 32	16 23	1 8	16 22	0 47	13 37	2 19	23 12	0 21	15 19	0 2
S 10	15 24	23 0	4 20	5 14	0 47	17 34	5 29	16 33	1 9	16 25	0 48	13 38	2 19	23 12	0 21	15 19	0 2
S 11	15 6	25 2	3 32	4 38	0 58	17 35	5 26	16 44	1 10	16 27	0 48	13 39	2 18	23 13	0 21	15 20	0 2
M12	14 48	25 37	2 33	4 3	1 9	17 37	5 22	16 54	1 10	16 30	0 48	13 40	2 18	23 13	0 21	15 20	0 2
T 13	14 30	24 45	1 28	3 28	1 20	17 38	5 18	17 5	1 11	16 32	0 48	13 41	2 18	23 13	0 21	15 21	0 2
W14	14 12	22 35	0 19	2 54	1 31	17 39	5 15	17 15	1 12	16 34	0 48	13 42	2 18	23 13	0 21	15 21	0 2
T 15	13 53	19 22	0s50	2 22	1 43	17 41	5 11	17 26	1 12	16 37	0 48	13 43	2 17	23 13	0 21	15 22	0 2
F 16	13 34	15 19	1 55	1 50	1 54	17 42	5 7	17 36	1 13	16 39	0 48	13 44	2 17	23 13	0 21	15 22	0 2
S 17	13 15	10 42	2 53	1 20	2 5	17 43	5 2	17 47	1 14	16 42	0 48	13 45	2 17	23 13	0 21	15 23	0 2
S 18	12 56	5 43	3 44	0 50	2 17	17 44	4 58	17 57	1 14	16 44	0 48	13 46	2 17	23 14	0 21	15 23	0 2
M19	12 37	0 36	4 23	0 22	2 28	17 44	4 53	18 7	1 15	16 46	0 49	13 47	2 16	23 14	0 21	15 24	0 2
T 20	12 17	4s31	4 51	0s 4	2 40	17 45	4 49	18 18	1 16	16 49	0 49	13 49	2 16	23 14	0 21	15 24	0 2
W21	11 57	9 26	5 7	0 29	2 51	17 45	4 44	18 28	1 16	16 51	0 49	13 50	2 16	23 14	0 21	15 25	0 2
T 22	11 37	14 0	5 9	0 53	3 2	17 45	4 39	18 38	1 17	16 53	0 49	13 51	2 16	23 14	0 21	15 25	0 2
F 23	11 17	18 4	4 58	1 14	3 13	17 45	4 34	18 48	1 17	16 55	0 49	13 52	2 15	23 14	0 21	15 26	0 2
S 24	10 57	21 27	4 33	1 34	3 24	17 45	4 29	18 58	1 18	16 58	0 49	13 54	2 15	23 14	0 21	15 26	0 2
S 25	10 36	23 56	3 56	1 51	3 34	17 44	4 24	19 8	1 18	17 0	0 49	13 55	2 15	23 14	0 21	15 27	0 2
M26	10 15	25 19	3 7	2 6	3 44	17 43	4 19	19 18	1 19	17 2	0 49	13 56	2 15	23 14	0 21	15 27	0 2
T 27	9 55	25 24	2 8	2 19	3 53	17 42	4 14	19 28	1 19	17 4	0 49	13 58	2 14	23 15	0 21	15 28	0 2
W28	9 34	24 4	1 0	2 29	4 2	17 40	4 8	19 37	1 20	17 6	0 49	13 59	2 14	23 15	0 21	15 28	0 2
T 29	9 13	21 18	0n14	2 36	4 10	17 38	4 3	19 47	1 20	17 8	0 49	14 0	2 14	23 15	0 21	15 29	0 2
F 30	8 51	17 10	1 29	2 40	4 18	17 36	3 58	19 57	1 21	17 10	0 49	14 2	2 14	23 15	0 21	15 29	0 2
S 31	8n30	11s54	2n40	2s41	4s24	17n34	3s52	20s 6	1s21	17s12	0s49	14s 3	2n13	23s15	0s21	15s30	0n 2

Julian Day Number = 2693182.5, Delta T = 24m24s

Ecliptic obliquity = 23°21'15, Nutation = 0°00'18

Ayanamsha: Fagan/Bradley = 33°59'42, Lahiri = 33°06'42

# ASTRODIENST EPHEMERIS for the year 2661

SEPTEMBER 2661

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 41 39	9 <sup>h</sup> 4'35	5 <sup>h</sup> 58	26°R18	23 <sup>h</sup> 59	24 <sup>h</sup> 56	14°R25	14 <sup>h</sup> 44	11°R 4	17°R31	15 <sup>h</sup> 16	19°R34	17 <sup>h</sup> 53	5 <sup>h</sup> 35	29°R45	S 1
M 2	22 45 35	10° 2'21	21° 7	25 <sup>h</sup> 54	24°50	25°33	14 <sup>h</sup> 19	14°48	11 <sup>h</sup> 3	17 <sup>h</sup> 30	15°17	19 <sup>h</sup> 27	17°50	5°41	29°R44	M 2
T 3	22 49 32	11° 0'09	6 <sup>h</sup> 19	25°25	25°42	26°10	14°13	14°53	11° 2	17°29	15°18	19°19	17°47	5°48	29°42	T 3
W 4	22 53 29	11°57'59	21°22	24°50	26°34	26°47	14° 7	14°57	11° 1	17°27	15°19	19°12	17°43	5°55	29°41	W 4
T 5	22 57 25	12°55'50	6 <sup>h</sup> 9	24°10	27°26	27°24	14° 1	15° 2	11° 0	17°26	15°20	19° 5	17°40	6° 2	29°39	T 5
F 6	23 1 22	13°53'43	20°34	23°26	28°20	28° 1	13°55	15° 6	11° 0	17°24	15°21	19° 1	17°37	6° 8	29°37	F 6
S 7	23 5 18	14°51'38	4 <sup>h</sup> 32	22°37	29°14	28°39	13°49	15°11	10°59	17°23	15°21	18°59	17°34	6°15	29°36	S 7
S 8	23 9 15	15°49'34	18° 6	21°45	0 <sup>h</sup> 8	29°16	13°44	15°16	10°58	17°21	15°22	18°D58	17°31	6°22	29°34	S 8
M 9	23 13 11	16°47'33	1 <sup>h</sup> 15	20°51	1° 3	29°54	13°38	15°20	10°58	17°20	15°23	18°59	17°28	6°28	29°32	M 9
T 10	23 17 8	17°45'33	14° 5	19°55	1°59	0 <sup>h</sup> 32	13°33	15°25	10°57	17°19	15°24	19°R 0	17°24	6°35	29°30	T 10
W 11	23 21 4	18°43'35	26°37	18°58	2°55	1°10	13°28	15°30	10°57	17°17	15°25	19° 0	17°21	6°42	29°28	W 11
T 12	23 25 1	19°41'39	8 <sup>h</sup> 57	18° 3	3°52	1°48	13°23	15°35	10°56	17°16	15°25	18°58	17°18	6°49	29°26	T 12
F 13	23 28 58	20°39'44	21° 7	17° 9	4°49	2°27	13°18	15°40	10°56	17°15	15°26	18°53	17°15	6°55	29°25	F 13
S 14	23 32 54	21°37'52	3 <sup>h</sup> 9	16°19	5°47	3° 5	13°14	15°46	10°56	17°13	15°27	18°46	17°12	7° 2	29°23	S 14
S 15	23 36 51	22°36'01	15° 7	15°33	6°45	3°44	13° 9	15°51	10°56	17°12	15°27	18°36	17° 8	7° 9	29°21	S 15
M 16	23 40 47	23°34'11	27° 1	14°52	7°43	4°22	13° 5	15°56	10°55	17°11	15°28	18°25	17° 5	7°16	29°18	M 16
T 17	23 44 44	24°32'24	8 <sup>h</sup> 53	14°19	8°42	5° 1	13° 1	16° 1	10°55	17°10	15°29	18°12	17° 2	7°22	29°16	T 17
W 18	23 48 40	25°30'37	20°44	13°52	9°41	5°40	12°57	16° 7	10°55	17° 9	15°29	18° 0	16°59	7°29	29°14	W 18
T 19	23 52 37	26°28'53	2 <sup>h</sup> 37	13°34	10°41	6°20	12°53	16°12	10°D55	17° 7	15°30	17°49	16°56	7°36	29°12	T 19
F 20	23 56 33	27°27'10	14°33	13°24	11°41	6°59	12°49	16°18	10°55	17° 6	15°31	17°39	16°53	7°42	29°10	F 20
S 21	0 0 30	28°25'29	26°36	13°D23	12°42	7°38	12°46	16°23	10°55	17° 5	15°31	17°32	16°49	7°49	29° 8	S 21
S 22	0 4 27	29°23'49	8 <sup>h</sup> 48	13°31	13°43	8°18	12°43	16°29	10°55	17° 4	15°32	17°28	16°46	7°56	29° 5	S 22
M 23	0 8 23	0 <sup>h</sup> 22'11	21°14	13°48	14°44	8°58	12°40	16°35	10°55	17° 3	15°32	17°26	16°43	8° 3	29° 3	M 23
T 24	0 12 20	1°20'35	3 <sup>h</sup> 59	14°14	15°45	9°37	12°37	16°41	10°56	17° 2	15°33	17°D26	16°40	8° 9	29° 1	T 24
W 25	0 16 16	2°19'00	17° 7	14°49	16°47	10°17	12°34	16°46	10°56	17° 1	15°33	17°R26	16°37	8°16	28°58	W 25
T 26	0 20 13	3°17'26	0 <sup>h</sup> 41	15°33	17°49	10°57	12°32	16°52	10°56	17° 0	15°34	17°26	16°33	8°23	28°56	T 26
F 27	0 24 9	4°15'54	14°44	16°25	18°52	11°38	12°30	16°58	10°57	16°59	15°34	17°23	16°30	8°29	28°54	F 27
S 28	0 28 6	5°14'24	29°16	17°24	19°55	12°18	12°27	17° 4	10°57	16°58	15°35	17°19	16°27	8°36	28°51	S 28
S 29	0 32 2	6°12'55	14 <sup>h</sup> 13	18°31	20°58	12°58	12°26	17°10	10°57	16°57	15°35	17°11	16°24	8°43	28°49	S 29
M 30	0 35 59	7 <sup>h</sup> 11'28	29 <sup>h</sup> 27	19 <sup>h</sup> 44	22 <sup>h</sup> 1	13 <sup>h</sup> 39	12 <sup>h</sup> 24	17 <sup>h</sup> 16	10 <sup>h</sup> 58	16 <sup>h</sup> 56	15 <sup>h</sup> 35	17 <sup>h</sup> 3	16 <sup>h</sup> 21	8 <sup>h</sup> 50	28 <sup>h</sup> 46	M 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	8n 8	5s50	3n43	2s39	4s30	17n31	3s47	20s15	1s22	17s14	0s49	14s 5	2n13	23s15	0s21	15s30	0n 2	18n 0	4s30	21s56	22s10	6s50	11n41	0n22						
M 2	7 47	0n38	4 30	2 34	4 34	17 28	3 41	20 25	1 22	17 16	0 49	14 6	2 13	23 15	0 21	15 31	0 2	18 0	4 31	21 57	22 10	6 52	11 41	0 22						
T 3	7 25	7 4	4 58	2 25	4 36	17 24	3 36	20 34	1 23	17 18	0 49	14 8	2 13	23 15	0 21	15 31	0 2	18 0	4 31	21 58	22 11	6 55	11 40	0 22						
W 4	7 3	13 2	5 6	2 13	4 38	17 20	3 30	20 43	1 23	17 20	0 49	14 9	2 13	23 15	0 21	15 31	0 2	18 0	4 31	21 59	22 11	6 58	11 39	0 22						
T 5	6 41	18 8	4 53	1 57	4 38	17 15	3 24	20 52	1 23	17 21	0 49	14 11	2 12	23 15	0 21	15 32	0 2	18 0	4 31	22 0	22 12	7 1	11 39	0 22						
F 6	6 19	22 1	4 21	1 37	4 36	17 11	3 19	21 1	1 24	17 23	0 50	14 12	2 12	23 15	0 21	15 32	0 2	18 0	4 31	22 1	22 12	7 4	11 38	0 21						
S 7	5 57	24 30	3 35	1 15	4 32	17 5	3 13	21 9	1 24	17 25	0 50	14 14	2 12	23 15	0 21	15 33	0 2	17 59	4 31	22 1	22 12	7 6	11 37	0 21						
S 8	5 34	25 26	2 38	0 49	4 26	17 0	3 7	21 18	1 25	17 26	0 50	14 15	2 12	23 15	0 21	15 33	0 2	17 59	4 31	22 1	22 13	7 9	11 37	0 21						
M 9	5 12	24 54	1 34	0 21	4 18	16 54	3 2	21 27	1 25	17 28	0 50	14 17	2 12	23 15	0 21	15 34	0 2	17 59	4 31	22 1	22 13	7 12	11 36	0 21						
T 10	4 49	23 3	0 26	0n10	4 9	16 47	2 56	21 35	1 25	17 29	0 50	14 18	2 11	23 15	0 21	15 34	0 2	17 59	4 31	22 1	22 14	7 15	11 35	0 21						
W 11	4 27	20 5	0s41	0 42	3 58	16 40	2 50	21 43	1 26	17 31	0 50	14 20	2 11	23 15	0 21	15 34	0 2	17 59	4 31	22 1	22 14	7 18	11 35	0 21						
T 12	4 4	16 17	1 44	1 16	3 45	16 33	2 44	21 51	1 26	17 32	0 50	14 22	2 11	23 15	0 21	15 35	0 2	17 59	4 31	22 1	22 14	7 21	11 34	0 21						
F 13	3 41	11 51	2 42	1 50	3 30	16 25	2 39	21 59	1 27	17 34	0 50	14 23	2 11	23 15	0 21	15 35	0 1	17 59	4 31	22 2	22 15	7 23	11 33	0 21						
S 14	3 18	7 0	3 32	2 24	3 14	16 17	2 33	22 7	1 27	17 35	0 50	14 25	2 11	23 15	0 21	15 36	0 1	17 59	4 31	22 3	22 15	7 26	11 32	0 21						
S 15	2 56	1 58	4 13	2 58	2 56	16 9	2 27	22 15	1 27	17 36	0 50	14 27	2 10	23 15	0 21	15 36	0 1	17 58	4 31	22 4	22 16	7 29	11 32	0 21						
M 16	2 33	3s 7	4 41	3 30	2 38	16 0	2 22	22 22	1 27	17 37	0 50	14 28	2 10	23 15	0 21	15 36	0 1	17 58	4 31	22 6	22 16	7 32	11 31	0 21						
T 17	2 10	8 4	4 58	4 1	2 19	15 50	2 16	22 30	1 28	17 39	0 50	14 30	2 10	23 15	0 21	15 37	0 1	17 58	4 31	22 7	22 16	7 35	11 30	0 21						
W 18	1 47	12 43	5 1	4 29	2 0	15 40	2 10	22 37	1 28	17 40	0 50	14 32	2 10	23 15	0 21	15 37	0 1	17 58	4 31	22 9	22 17	7 37	11 29	0 21						
T 19	1 24	16 54	4 52	4 54	1 40	15 30	2 5	22 44	1 28	17 41	0 50	14 33	2 10	23 15	0 21	15 38	0 1	17 58	4 31	22 10	22 17	7 40	11 28	0 21						
F 20	1 1	20 26	4 30	5 16	1 21	15 19	1 59	22 51	1 29	17 42	0 50	14 35	2 9	23 15	0 21	15 38	0 1	17 58	4 31	22 12	22 18	7 43	11 28	0 21						
S 21	0 37	23 8	3 55	5 34	1 2	15 8	1 53	22 58	1 29	17 43	0 50	14 37	2 9	23 15	0 21	15 38	0 1	17 58	4 31	22 13	22 18	7 46	11 27	0 21						
S 22	0 14	24 49	3 10	5 48	0 43	14 56	1 48	23 5	1 29	17 44	0 50	14 39	2 9	23 15	0 21	15 39	0 1	17 58	4 31	22 13	22 18	7 48	11 26	0 21						
M 23	0s 9	25 18	2 14	5 58	0 25	14 44	1 42	23 11	1 29	17 44	0 50	14 40	2 9	23 15	0 21	15 39	0 1	17 58	4 31	22 13	22 19	7 51	11 25	0 20						
T 24	0 32	24 28	1 11	6 4	0 8	14 31	1 37	23 17	1 30	17 45	0 50	14 42	2 9	23 15	0 21	15 39	0 1	17 57	4 31	22 13	22 19	7 54	11 24	0 20						
W 25	0 55	22 17	0 2	6 5	0n 8	14 18	1 31	23 24	1 30	17 46	0 49	14 44	2 9	23 15	0 21	15 40	0 1	17 57	4 31	22 13	22 20	7 57	11 23	0 20						
T 26	1 18	18 48	1n10	6 2	0 23	14 4	1 26	23 30	1 30	17 47	0 49	14 46	2 8	23 15	0 21	15 40	0 1	17 57	4 32	22 13	22 20	8 0	11 22	0 20						
F 27	1 41	14 8	2 19	5 55	0 37	13 50	1 20	23 35	1 30	17 47	0 49	14 48	2 8	23 15	0 21	15 40	0 1	17 57	4 32	22 14	22 20	8 2	11 21	0 20						
S 28	2 4	8 32	3 22	5 44	0 50	13 36	1 15	23 41	1 30	17 48	0 49	14 49	2 8	23 15	0 21	15 40	0 1	17 57	4 32	22 14	22 21	8 5	11 21	0 20						
S 29	2 28	2 18	4 13	5 28	1 2	13 21	1 10	23 46	1 31	17 48	0 49	14 51	2 8	23 15	0 21	15 41	0 1	17 57	4 32	22 15	22 21	8 8	11 20	0 20						
M 30	2s51	4n10	4n47	5n 9	1n12	13n 6	1s 4	23s52	1s31	17s49	0s49	14s53	2n 8	23s15	0s21	15s41	0n 1	17ns7	4s32	22s16	22s21	8s11	11n19	0n20						



# ASTRODIENST EPHEMERIS for the year 2661

NOVEMBER 2661

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	2 42 9	8♂43'05	8♂ 2	13♂48	27♂55	6♂13	13♂12	20♂51	11♂41	16♂43	15°R35	13°R28	14♂39	12♂25	27°R21	F 1
S 2	2 46 5	9°42'43	22°18	15°25	29° 5	6°57	13°16	20°58	11°43	16°43	15°35	13°23	14°36	12°31	27°18	S 2
S 3	2 50 2	10°42'24	6♂ 5	17° 2	0♂15	7°41	13°21	21° 5	11°45	16°43	15°34	13°22	14°33	12°38	27°16	S 3
M 4	2 53 58	11°42'07	19°23	18°38	1°26	8°25	13°26	21°12	11°47	16°44	15°34	13°D22	14°30	12°45	27°13	M 4
T 5	2 57 55	12°41'52	2♂16	20°13	2°36	9° 9	13°31	21°20	11°49	16°44	15°33	13°22	14°26	12°52	27°10	T 5
W 6	3 1 51	13°41'40	14°46	21°48	3°47	9°53	13°36	21°27	11°52	16°44	15°33	13°R23	14°23	12°58	27° 8	W 6
T 7	3 5 48	14°41'29	27° 0	23°22	4°58	10°37	13°42	21°34	11°54	16°44	15°33	13°22	14°20	13° 5	27° 5	T 7
F 8	3 9 45	15°41'21	9♂ 1	24°56	6° 9	11°22	13°48	21°41	11°56	16°45	15°32	13°19	14°17	13°12	27° 3	F 8
S 9	3 13 41	16°41'15	20°56	26°30	7°20	12° 6	13°53	21°48	11°59	16°45	15°31	13°13	14°14	13°19	27° 0	S 9
S 10	3 17 38	17°41'11	2♂47	28° 3	8°31	12°51	13°59	21°56	12° 1	16°45	15°31	13° 6	14°11	13°25	26°58	S 10
M11	3 21 34	18°41'09	14°38	29°35	9°43	13°35	14° 6	22° 3	12° 4	16°46	15°30	12°56	14° 7	13°32	26°55	M11
T 12	3 25 31	19°41'09	26°33	1♂ 7	10°54	14°20	14°12	22°10	12° 6	16°46	15°30	12°46	14° 4	13°39	26°53	T 12
W13	3 29 27	20°41'11	8♂32	2°39	12° 6	15° 4	14°18	22°17	12° 9	16°47	15°29	12°35	14° 1	13°45	26°50	W13
T 14	3 33 24	21°41'15	20°38	4°10	13°18	15°49	14°25	22°25	12°11	16°47	15°29	12°25	13°58	13°52	26°48	T 14
F 15	3 37 20	22°41'21	2♂51	5°41	14°29	16°34	14°32	22°32	12°14	16°48	15°28	12°17	13°55	13°59	26°45	F 15
S 16	3 41 17	23°41'28	15°13	7°11	15°41	17°19	14°39	22°39	12°16	16°49	15°27	12°12	13°51	14° 6	26°43	S 16
S 17	3 45 14	24°41'38	27°45	8°41	16°53	18° 4	14°46	22°46	12°19	16°49	15°27	12° 8	13°48	14°12	26°41	S 17
M18	3 49 10	25°41'49	10♂27	10°10	18° 5	18°49	14°53	22°54	12°22	16°50	15°26	12°D 7	13°45	14°19	26°38	M18
T 19	3 53 7	26°42'01	23°22	11°39	19°17	19°34	15° 1	23° 1	12°25	16°51	15°25	12° 8	13°42	14°26	26°36	T 19
W20	3 57 3	27°42'15	6♂32	13° 8	20°30	20°19	15° 8	23° 8	12°27	16°51	15°24	12° 9	13°39	14°33	26°34	W20
T 21	4 1 0	28°42'31	20° 0	14°36	21°42	21° 5	15°16	23°15	12°30	16°52	15°24	12°10	13°36	14°39	26°32	T 21
F 22	4 4 56	29°42'48	3♂46	16° 3	22°54	21°50	15°24	23°23	12°33	16°53	15°23	12°R10	13°32	14°46	26°29	F 22
S 23	4 8 53	0♂43'06	17°51	17°30	24° 7	22°35	15°32	23°30	12°36	16°54	15°22	12° 9	13°29	14°53	26°27	S 23
S 24	4 12 49	1°43'25	2♂16	18°57	25°20	23°21	15°40	23°37	12°39	16°55	15°21	12° 6	13°26	14°59	26°25	S 24
M25	4 16 46	2°43'46	16°55	20°23	26°32	24° 6	15°48	23°44	12°42	16°55	15°20	12° 1	13°23	15° 6	26°23	M25
T 26	4 20 43	3°44'08	1♂45	21°48	27°45	24°52	15°57	23°51	12°45	16°56	15°19	11°55	13°20	15°13	26°21	T 26
W27	4 24 39	4°44'32	16°38	23°12	28°58	25°37	16° 5	23°59	12°48	16°57	15°19	11°49	13°16	15°20	26°19	W27
T 28	4 28 36	5°44'57	1♂25	24°36	0♂11	26°23	16°14	24° 6	12°51	16°58	15°18	11°44	13°13	15°26	26°17	T 28
F 29	4 32 32	6°45'24	15°57	25°58	1°24	27° 9	16°23	24°13	12°54	16°59	15°17	11°40	13°10	15°33	26°15	F 29
S 30	4 36 29	7♂45'53	0♂10	27♂20	2♂37	27♂54	16♂32	24♂20	12♂57	17♂ 0	15♂16	11♂38	13♂ 7	15♂40	26♂13	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	14s21	24n28	2n56	15s53	0n 2	1n54	1n10	24s44	1s32	17s34	0s48	15s54	2n 4	23s11	0s21	15s45	0n 1	17n55	4s33	22s41	22s33	9s37	10n46	0n18					
S 2	14 40	24 57	1 50	16 28	0s 4	1 29	1 13	24 42	1 32	17 32	0 48	15 56	2 4	23 11	0 21	15 45	0 1	17 55	4 33	22 41	22 33	9 40	10 45	0 18					
S 3	14 59	23 52	0 39	17 2	0 11	1 4	1 16	24 39	1 32	17 31	0 48	15 58	2 4	23 11	0 21	15 45	0 1	17 55	4 33	22 41	22 34	9 43	10 44	0 18					
M 4	15 17	21 26	0s32	17 36	0 18	0 38	1 18	24 36	1 31	17 29	0 48	16 0	2 4	23 11	0 21	15 45	0 1	17 55	4 34	22 41	22 34	9 45	10 43	0 17					
T 5	15 36	17 58	1 39	18 8	0 25	0 12	1 21	24 33	1 31	17 28	0 47	16 2	2 4	23 10	0 21	15 45	0 1	17 55	4 34	22 41	22 34	9 48	10 42	0 17					
W 6	15 54	13 48	2 40	18 40	0 32	0s13	1 24	24 30	1 31	17 26	0 47	16 4	2 4	23 10	0 21	15 45	0 1	17 55	4 34	22 41	22 35	9 51	10 41	0 17					
T 7	16 11	9 9	3 31	19 10	0 38	0 39	1 26	24 27	1 31	17 25	0 47	16 6	2 4	23 10	0 21	15 45	0 1	17 55	4 34	22 41	22 35	9 53	10 40	0 17					
F 8	16 29	4 15	4 13	19 40	0 45	1 5	1 28	24 23	1 31	17 23	0 47	16 8	2 4	23 10	0 21	15 45	0 1	17 55	4 34	22 41	22 35	9 56	10 39	0 17					
S 9	16 46	0s45	4 42	20 8	0 51	1 31	1 30	24 19	1 31	17 21	0 47	16 10	2 4	23 10	0 21	15 45	0 1	17 55	4 34	22 42	22 36	9 58	10 38	0 17					
S 10	17 3	5 42	5 0	20 36	0 58	1 57	1 33	24 14	1 30	17 19	0 47	16 11	2 4	23 9	0 21	15 45	0 1	17 55	4 34	22 43	22 36	10 1	10 37	0 17					
M11	17 19	10 26	5 5	21 2	1 4	2 23	1 35	24 10	1 30	17 18	0 47	16 13	2 4	23 9	0 21	15 45	0 1	17 55	4 34	22 44	22 37	10 4	10 36	0 17					
T 12	17 36	14 48	4 56	21 28	1 10	2 49	1 37	24 5	1 30	17 16	0 47	16 15	2 4	23 9	0 21	15 44	0 1	17 55	4 34	22 45	22 37	10 6	10 35	0 17					
W13	17 52	18 38	4 35	21 52	1 17	3 15	1 38	24 0	1 30	17 14	0 47	16 17	2 4	23 9	0 21	15 44	0 1	17 55	4 34	22 46	22 37	10 9	10 34	0 17					
T 14	18 7	21 43	4 1	22 15	1 23	3 41	1 40	23 54	1 30	17 12	0 47	16 19	2 4	23 8	0 21	15 44	0 1	17 55	4 34	22 47	22 37	10 12	10 33	0 17					
F 15	18 23	23 51	3 15	22 38	1 28	4 8	1 42	23 49	1 29	17 10	0 47	16 21	2 4	23 8	0 21	15 44	0 1	17 55	4 34	22 47	22 38	10 14	10 32	0 17					
S 16	18 38	24 51	2 20	22 59	1 34	4 34	1 43	23 43	1 29	17 8	0 47	16 23	2 4	23 8	0 21	15 44	0 1	17 56	4 34	22 48	22 38	10 17	10 31	0 17					
S 17	18 52	24 37	1 17	23 19	1 40	5 0	1 45	23 37	1 29	17 6	0 47	16 24	2 3	23 8	0 21	15 44	0 1	17 56	4 34	22 48	22 38	10 19	10 30	0 16					
M18	19 7	23 6	0 9	23 37	1 45	5 26	1 46	23 30	1 29	17 3	0 47	16 26	2 3	23 7	0 21	15 43	0 1	17 56	4 34	22 48	22 39	10 22	10 30	0 16					
T 19	19 21	20 21	1n 1	23 55	1 50	5 52	1 47	23 23	1 28	17 1	0 47	16 28	2 3	23 7	0 21	15 43	0 1	17 56	4 34	22 48	22 39	10 25	10 29	0 16					
W20	19 35	16 30	2 8	24 12	1 55	6 18	1 49	23 17	1 28	16 59	0 47	16 30	2 3	23 7	0 21	15 43	0 1	17 56	4 34	22 48	22 39	10 27	10 28	0 16					
T 21	19 48	11 45	3 10	24 27	2 0	6 44	1 50	23 9	1 28	16 57	0 47	16 32	2 3	23 7	0 21	15 43	0 1	17 56	4 34	22 48	22 40	10 30	10 27	0 16					
F 22	20 1	6 19	4 3	24 41	2 4	7 10	1 51	23 2	1 28	16 54	0 47	16 33	2 3	23 6	0 21	15 43	0 1	17 56	4 34	22 48	22 40	10 32	10 26	0 16					
S 23	20 14	0 27	4 43	24 54	2 8	7 36	1 51	22 54	1 27	16 52	0 47	16 35	2 3	23 6	0 21	15 42	0 1	17 56	4 34	22 48	22 40	10 35	10 25	0 16					
S 24	20 26	5n34	5 5	25 5	2 12	8 1	1 52	22 46	1 27	16 49	0 46	16 37	2 3	23 6	0 21	15 42	0 1	17 56	4 34	22 48	22 41	10 38	10 24	0 16					
M25	20 38	11 23	5 9	25 16	2 16	8 27	1 53	22 38	1 27	16 47	0 46	16 39	2 3	23 5	0 21	15 42	0 1	17 56	4 34	22 49	22 41	10 40	10 24	0 16					
T 26	20 49	16 36	4 52	25 25	2 19	8 52	1 53	22 30	1 26	16 44	0 46	16 41	2 3	23 5	0 21	15 42	0 1	17 56	4 34	22 49	22 41	10 43	10 23	0 16					
W27	21 1	20 49	4 15	25 33	2 22	9 17	1 54	22 21	1 26	16 42	0 46	16 42	2 3	23 5	0 21	15 41	0 1	17 56	4 34	22 50	22 42	10 45	10 22	0 16					
T 28	21 11	23 39	3 21	25 39	2 24	9 42	1 54	22 12	1 26	16 39	0 46	16 44	2 3	23 5	0 21	15 41	0 1	17 56	4 34	22 50	22 42	10 48	10 21	0 16					
F 29	21 22	24 52	2 15	25 44	2 27	10 7	1 55	22 3	1 25	16 36	0 46	16 46	2 3	23 4	0 21	15 41	0 1	17 56	4 34	22 51	22 42	10 51	10 20	0 15					
S 30	21s32	24n23	1n 2	25s48	2s28	10s32	1n55	21s54	1s25	16s34	0s46	16s47	2n 3	23s 4	0s21	15s40	0n 1	17n56	4s34	22s51	22s43	10s53	10m20	0n15					



## ASTRODIENST EPHEMERIS for the year 2662

JANUARY 2662

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	6 42 39	10°12'27"	0°38'38"	0°R43	12°31'3	22°40'40"	22°20'20"	27°11'53"	14°38'47"	17°44'49"	14°R41	11°20'20"	11°25'25"	19°15'15"	25°R38	W 1
T 2	6 46 35	11°13'30"	12°59'59"	29°46'46"	13°17'17"	23°27'27"	22°32'32"	27°59'59"	14°50'50"	17°51'51"	14°39'39"	11°R20	11°22'22"	19°22'22"	25°Y37	T 2
F 3	6 50 32	12°14'34"	25°6'4	28°59'59"	14°32'32"	24°13'13"	22°45'45"	28°5'5	14°54'54"	17°53'53"	14°38'38"	11°20'20"	11°19'19"	19°28'28"	25°37'37"	F 3
S 4	6 54 28	13°15'39"	7°15'4	28°23'23"	15°46'46"	25°0'0	22°57'57"	28°10'10"	14°58'58"	17°55'55"	14°37'37"	11°20'20"	11°16'16"	19°35'35"	25°37'37"	S 4
S 5	6 58 25	14°16'44"	18°57'57"	27°57'57"	17°1'1	25°47'47"	23°10'10"	28°16'16"	15°1'1	17°57'57"	14°36'36"	11°D20	11°13'13"	19°42'42"	25°37'37"	S 5
M 6	7 2 21	15°17'50"	0°15'50"	27°42'42"	18°16'16"	26°34'34"	23°23'23"	28°22'22"	15°5'5	17°59'59"	14°35'35"	11°20'20"	11°9'9	19°49'49"	25°D37	M 6
T 7	7 6 18	16°18'57"	12°47'47"	27°D37	19°30'30"	27°21'21"	23°36'36"	28°28'28"	15°8'8	18°1'1	14°33'33"	11°20'20"	11°6'6	19°55'55"	25°37'37"	T 7
W 8	7 10 15	17°20'04"	24°53'53"	27°41'41"	20°45'45"	28°8'8	23°48'48"	28°33'33"	15°12'12"	18°3'3	14°32'32"	11°21'21"	11°3'3	20°2'2	25°37'37"	W 8
T 9	7 14 11	18°21'12"	7°12'12"	27°55'55"	22°0'0	28°55'55"	24°1'1	28°39'39"	15°16'16"	18°5'5	14°31'31"	11°22'22"	11°0'0	20°9'9	25°37'37"	T 9
F 10	7 18 8	19°22'21"	19°47'47"	28°16'16"	23°14'14"	29°42'42"	24°14'14"	28°44'44"	15°19'19"	18°7'7	14°30'30"	11°22'22"	10°57'57"	20°15'15"	25°37'37"	F 10
S 11	7 22 4	20°23'29"	2°39'39"	28°44'44"	24°29'29"	0°12'29"	24°27'27"	28°50'50"	15°23'23"	18°9'9	14°29'29"	11°23'23"	10°54'54"	20°22'22"	25°38'38"	S 11
S 12	7 26 1	21°24'38"	15°50'50"	29°19'19"	25°44'44"	1°16'16"	24°41'41"	28°55'55"	15°26'26"	18°11'11"	14°27'27"	11°R23	10°50'50"	20°29'29"	25°38'38"	S 12
M13	7 29 57	22°25'47"	29°19'19"	29°59'59"	26°59'59"	2°3'3	24°54'54"	29°0'0	15°30'30"	18°13'13"	14°26'26"	11°22'22"	10°47'47"	20°36'36"	25°38'38"	M13
T 14	7 33 54	23°26'56"	13°3'3	0°34'56"	28°14'14"	2°50'50"	25°7'7	29°5'5	15°34'34"	18°15'15"	14°25'25"	11°21'21"	10°44'44"	20°42'42"	25°39'39"	T 14
W15	7 37 51	24°28'05"	27°1'1	1°36'36"	29°28'28"	3°37'37"	25°20'20"	29°11'11"	15°37'37"	18°17'17"	14°24'24"	11°20'20"	10°41'41"	20°49'49"	25°39'39"	W15
T 16	7 41 47	25°29'13"	11°11'11"	2°31'31"	0°34'43"	4°24'24"	25°34'34"	29°16'16"	15°41'41"	18°19'19"	14°23'23"	11°18'18"	10°38'38"	20°56'56"	25°40'40"	T 16
F 17	7 45 44	26°30'21"	25°20'20"	3°29'29"	1°58'58"	5°12'12"	25°47'47"	29°21'21"	15°44'44"	18°21'21"	14°21'21"	11°16'16"	10°35'35"	21°2'2	25°40'40"	F 17
S 18	7 49 40	27°31'29"	9°13'13"	4°31'31"	3°13'13"	5°59'59"	26°0'0	29°26'26"	15°48'48"	18°23'23"	14°20'20"	11°15'15"	10°31'31"	21°9'9	25°41'41"	S 18
S 19	7 53 37	28°32'37"	23°48'48"	5°35'35"	4°28'28"	6°46'46"	26°14'14"	29°30'30"	15°52'52"	18°26'26"	14°19'19"	11°D14	10°28'28"	21°16'16"	25°42'42"	S 19
M20	7 57 33	29°33'44"	7°57'57"	6°43'43"	5°43'43"	7°33'33"	26°28'28"	29°35'35"	15°55'55"	18°28'28"	14°18'18"	11°14'14"	10°25'25"	21°23'23"	25°42'42"	M20
T 21	8 1 30	0°34'51"	22°2'2	7°52'52"	6°57'57"	8°20'20"	26°41'41"	29°40'40"	15°59'59"	18°30'30"	14°17'17"	11°15'15"	10°22'22"	21°29'29"	25°43'43"	T 21
W22	8 5 26	1°35'57"	5°11'59"	9°4'4	8°12'12"	9°7'7	26°55'55"	29°44'44"	16°2'2	18°32'32"	14°15'15"	11°16'16"	10°19'19"	21°36'36"	25°44'44"	W22
T 23	8 9 23	2°37'02"	19°47'47"	10°17'17"	9°27'27"	9°54'54"	27°8'8	29°49'49"	16°6'6	18°34'34"	14°14'14"	11°18'18"	10°15'15"	21°43'43"	25°45'45"	T 23
F 24	8 13 20	3°38'08"	3°38'08"	11°32'32"	10°42'42"	10°41'41"	27°22'22"	29°53'53"	16°9'9	18°37'37"	14°13'13"	11°19'19"	10°12'12"	21°50'50"	25°46'46"	F 24
S 25	8 17 16	4°39'12"	16°53'53"	12°49'49"	11°57'57"	11°28'28"	27°36'36"	29°58'58"	16°13'13"	18°39'39"	14°12'12"	11°R19	10°9'9	21°56'56"	25°47'47"	S 25
S 26	8 21 13	5°40'16"	0°12'8	14°7'7	13°12'12"	12°15'15"	27°50'50"	0°12'2	16°16'16"	18°41'41"	14°11'11"	11°18'18"	10°6'6	22°3'3	25°48'48"	S 26
M27	8 25 9	6°41'20"	13°9'9	15°27'27"	14°27'27"	13°2'2	28°4'4	0°6'6	16°20'20"	18°43'43"	14°10'10"	11°15'15"	10°3'3	22°10'10"	25°49'49"	M27
T 28	8 29 6	7°42'23"	25°56'56"	16°47'47"	15°42'42"	13°49'49"	28°18'18"	0°11'11"	16°23'23"	18°46'46"	14°9'9	11°11'11"	10°0'0	22°16'16"	25°50'50"	T 28
W29	8 33 2	8°43'26"	8°12'26"	18°9'9	16°57'57"	14°36'36"	28°31'31"	0°15'15"	16°26'26"	18°48'48"	14°8'8	11°7'7	9°56'56"	22°23'23"	25°52'52"	W29
T 30	8 36 59	9°44'28"	20°47'47"	19°32'32"	18°12'12"	15°23'23"	28°45'45"	0°19'19"	16°30'30"	18°50'50"	14°7'7	11°2'2	9°53'53"	22°30'30"	25°53'53"	T 30
F 31	8 40 55	10°45'30"	2°15'54"	20°56'56"	19°32'32"	16°11'10"	28°59'59"	0°12'22"	16°33'33"	18°52'52"	14°5'5	10°35'57"	9°50'50"	22°37'37"	25°54'54"	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	22s58	7n27	4s 1	20s28	2n53	20s50	1n20	1s 1	1s11	14s44	0s45	17s35	2n 5	22s53	0s21	15s26	0n 0	18n 1	4s34	22s52	22s52	12s13	10n 4	0n13					
T 2	22 53	2 21	4 39	20 22	2 59	21 1	1 18	14 46	1 10	14 40	0 45	17 36	2 6	22 52	0 21	15 25	0 0	18 1	4 34	22 52	22 52	12 16	10 4	0 13					
F 3	22 48	2s43	5 5	20 19	3 2	21 12	1 16	14 30	1 9	14 36	0 45	17 37	2 6	22 52	0 21	15 25	0 0	18 1	4 34	22 52	22 52	12 18	10 4	0 13					
S 4	22 42	7 38	5 16	20 17	3 4	21 22	1 14	14 13	1 9	14 32	0 45	17 38	2 6	22 52	0 21	15 24	0 0	18 1	4 34	22 52	22 53	12 21	10 4	0 13					
S 5	22 36	12 14	5 14	20 17	3 3	21 32	1 12	13 57	1 8	14 28	0 45	17 39	2 6	22 51	0 21	15 24	0 0	18 1	4 34	22 52	22 53	12 23	10 4	0 12					
M 6	22 29	16 23	4 59	20 19	3 1	21 41	1 9	13 41	1 8	14 23	0 45	17 41	2 6	22 51	0 21	15 23	0 0	18 2	4 34	22 52	22 53	12 26	10 4	0 12					
T 7	22 22	19 55	4 31	20 22	2 57	21 50	1 7	13 24	1 7	14 19	0 45	17 42	2 6	22 50	0 21	15 23	0 0	18 2	4 33	22 52	22 53	12 28	10 4	0 12					
W 8	22 14	22 38	3 50	20 27	2 53	21 58	1 5	13 7	1 7	14 15	0 45	17 43	2 6	22 50	0 21	15 22	0 0	18 2	4 33	22 52	22 54	12 31	10 3	0 12					
T 9	22 6	24 22	2 58	20 33	2 47	22 5	1 2	12 50	1 6	14 11	0 45	17 44	2 6	22 50	0 21	15 21	0 0	18 2	4 33	22 52	22 54	12 33	10 3	0 12					
F 10	21 58	24 54	1 57	20 40	2 40	22 11	1 0	12 33	1 5	14 6	0 45	17 45	2 7	22 49	0 21	15 21	0 0	18 2	4 33	22 52	22 54	12 35	10 3	0 12					
S 11	21 49	24 8	0 48	20 48	2 33	22 17	0 57	12 16	1 5	14 2	0 45	17 46	2 7	22 49	0 21	15 20	0 0	18 3	4 33	22 52	22 55	12 38	10 3	0 12					
S 12	21 39	22 1	0n25	20 56	2 25	22 22	0 55	11 59	1 4	13 58	0 45	17 47	2 7	22 48	0 21	15 19	0 0	18 3	4 33	22 52	22 55	12 40	10 4	0 12					
M13	21 30	18 38	1 38	21 5	2 17	22 27	0 52	11 42	1 4	13 53	0 45	17 48	2 7	22 48	0 21	15 19	0 0	18 3	4 33	22 52	22 55	12 43	10 4	0 12					
T 14	21 20	14 11	2 46	21 13	2 8	22 31	0 50	11 24	1 3	13 49	0 45	17 49	2 7	22 48	0 21	15 18	0 0	18 3	4 33	22 52	22 55	12 45	10 4	0 12					
W15	21 9	8 55	3 46	21 22	1 59	22 34	0 47	11 7	1 2	13 44	0 45	17 50	2 7	22 47	0 21	15 18	0 0	18 3	4 33	22 52	22 56	12 47	10 4	0 12					
T 16	20 58	3 9	4 33	21 30	1 50	22 37	0 45	10 49	1 2	13 40	0 45	17 51	2 7	22 47	0 21	15 17	0 0	18 4	4 33	22 53	22 56	12 50	10 4	0 12					
F 17	20 47	2n48	5 4	21 38	1 41	22 38	0 42	10 31	1 1	13 36	0 45	17 52	2 7	22 46	0 21	15 16	0 0	18 4	4 33	22 53	22 56	12 52	10 4	0 11					
S 18	20 35	8 37	5 16	21 45	1 32	22 40	0 39	10 13	1 0	13 31	0 45	17 53	2 8	22 46	0 21	15 16	0 0	18 4	4 33	22 53	22 56	12 55	10 4	0 11					
S 19	20 23	13 58	5 8	21 52	1 22	22 40	0 37	9 55	1 0	13 26	0 45	17 54	2 8	22 46	0 21	15 15	0 0	18 4	4 33	22 53	22 57	12 57	10 4	0 11					
M20	20 10	18 33	4 42	21 58	1 13	22 40	0 34	9 37	0 59	13 22	0 45	17 54	2 8	22 45	0 21	15 14	0 0	18 4	4 33	22 53	22 57	12 59	10 5	0 11					
T 21	19 57	22 4	3 59	22 4	1 4	22 39	0 31	9 19	0 59	13 17	0 45	17 55	2 8	22 45	0 21	15 14	0 0	18 5	4 32	22 53	22 57	13 2	10 5	0 11					
W22	19 44	24 13	3 3	22 8	0 55	22 37	0 29	9 1	0 58	13 13	0 45	17 56	2 8	22 44	0 21	15 13	0 0	18 5	4 32	22 53	22 57	13 4	10 5	0 11					
T 23	19 30	24 53	1 56	22 12	0 46	22 35	0 26	8 43	0 57	13 8	0 45	17 57	2 8	22 44	0 21	15 12	0 0	18 5	4 32	22 53	22 58	13 7	10 5	0 11					
F 24	19 16	24 2	0 43	22 15	0 37	22 32	0 23	8 25	0 57	13 3	0 45	17 58	2 9	22 44	0 21	15 12	0 0	18 5	4 32	22 52	22 58	13 9	10 6	0 11					
S 25	19 2	21 47	0s31	22 16	0 28	22 29	0 21	8 6	0 56	12 59	0 46	17 58	2 9	22 43	0 21	15 11	0 0	18 5	4 32	22 52	22 58	13 11	10 6	0 11					
S 26	18 47	18 24	1 42	22 17	0 19	22 24	0 18	7 48	0 55	12 54	0 46	17 59	2 9	22 43	0 21	15 10	0 0	18 6	4 32	22 53	22 58	13 14	10 6	0 11					
M27	18 32	14 9	2 46	22 17	0 11	22 19	0 15	7 29	0 55	12 49	0 46	18 0	2 9	22 42	0 21	15 10	0s 0	18 6	4 32	22 53	22 58	13 16	10 6	0 11					
T 28	18 17	9 22	3 41	22 16	0 3	22 14	0 13	7 10	0 54	12 44	0 46	18 1	2 9	22 42	0 21	15 9	0 0	18 6	4 32	22 53	22 59	13 18	10 7	0 11					
W29	18 1	4 17	4 24	22 13	0s 5	22 7	0 10	6 52	0 53	12 39	0 46	18 1	2 9	22 42	0 21	15 8	0 0	18 6	4 32	22 53	22 59	13 21	10 7	0 11					
T 30	17 45	0s51	4 53	22 9	0 13	22 0	0 7	6 33	0 53	12 35	0 46	18 2	2 9	22 41	0 21	15 8	0 0	18 6	4 32	22 54	22 59	13 23	10 8	0 10					
F 31	17s28	5s53	5s 9	22s 5	0s21	21s52	0n 5	6s14	0s52	12s30	0s46	18s 3	2n10	22s41	0s21	15s 7	0s 0	18n 7	4s32	22s54	22s59	13s25	10n 8	0n10					

## ASTRODIENST EPHEMERIS for the year 2662

FEBRUARY 2662

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 44 52	11 <sup>46</sup> 32	14 <sup>45</sup> 52	22 <sup>30</sup> 20	20 <sup>30</sup> 42	16 <sup>45</sup> 57	29 <sup>44</sup> 13	0 <sup>47</sup> 26	16 <sup>30</sup> 37	18 <sup>44</sup> 55	14 <sup>40</sup> R 4	10 <sup>40</sup> R53	9 <sup>40</sup> 47	22 <sup>44</sup> 43	25 <sup>40</sup> Y56	S 1
S 2	8 48 49	12 <sup>47</sup> 33	26 <sup>45</sup>	23 <sup>46</sup>	21 <sup>57</sup>	17 <sup>44</sup>	29 <sup>28</sup>	0 <sup>30</sup>	16 <sup>40</sup>	18 <sup>57</sup>	14 <sup>40</sup> 3	10 <sup>30</sup> 50	9 <sup>44</sup>	22 <sup>50</sup>	25 <sup>57</sup>	S 2
M 3	8 52 45	13 <sup>48</sup> 34	8 <sup>44</sup> 37	25 <sup>12</sup>	23 <sup>12</sup>	18 <sup>31</sup>	29 <sup>42</sup>	0 <sup>34</sup>	16 <sup>43</sup>	18 <sup>59</sup>	14 <sup>40</sup> 2	10 <sup>40</sup> D48	9 <sup>40</sup>	22 <sup>57</sup>	25 <sup>59</sup>	M 3
T 4	8 56 42	14 <sup>49</sup> 34	20 <sup>32</sup>	26 <sup>39</sup>	24 <sup>27</sup>	19 <sup>18</sup>	29 <sup>56</sup>	0 <sup>37</sup>	16 <sup>47</sup>	19 <sup>1</sup>	14 <sup>40</sup> 1	10 <sup>48</sup>	9 <sup>37</sup>	23 <sup>3</sup>	26 <sup>0</sup>	T 4
W 5	9 0 38	15 <sup>50</sup> 34	2 <sup>47</sup> 37	28 <sup>7</sup>	25 <sup>42</sup>	20 <sup>5</sup>	0 <sup>41</sup> 10	0 <sup>41</sup>	16 <sup>50</sup>	19 <sup>4</sup>	14 <sup>40</sup> 0	10 <sup>49</sup>	9 <sup>34</sup>	23 <sup>10</sup>	26 <sup>2</sup>	W 5
T 6	9 4 35	16 <sup>51</sup> 34	14 <sup>55</sup>	29 <sup>36</sup>	26 <sup>57</sup>	20 <sup>52</sup>	0 <sup>24</sup>	0 <sup>44</sup>	16 <sup>53</sup>	19 <sup>6</sup>	13 <sup>59</sup>	10 <sup>51</sup>	9 <sup>31</sup>	23 <sup>17</sup>	26 <sup>3</sup>	T 6
F 7	9 8 31	17 <sup>52</sup> 33	27 <sup>31</sup>	1 <sup>46</sup> 6	28 <sup>12</sup>	21 <sup>39</sup>	0 <sup>38</sup>	0 <sup>47</sup>	16 <sup>56</sup>	19 <sup>8</sup>	13 <sup>58</sup>	10 <sup>53</sup>	9 <sup>28</sup>	23 <sup>24</sup>	26 <sup>5</sup>	F 7
S 8	9 12 28	18 <sup>53</sup> 31	10 <sup>30</sup> 29	2 <sup>36</sup>	29 <sup>27</sup>	22 <sup>25</sup>	0 <sup>53</sup>	0 <sup>50</sup>	17 <sup>0</sup>	19 <sup>11</sup>	13 <sup>57</sup>	10 <sup>40</sup> R53	9 <sup>25</sup>	23 <sup>30</sup>	26 <sup>7</sup>	S 8
S 9	9 16 24	19 <sup>54</sup> 29	23 <sup>51</sup>	4 <sup>7</sup>	0 <sup>44</sup> 22	23 <sup>12</sup>	1 <sup>7</sup>	0 <sup>54</sup>	17 <sup>3</sup>	19 <sup>13</sup>	13 <sup>56</sup>	10 <sup>53</sup>	9 <sup>21</sup>	23 <sup>37</sup>	26 <sup>8</sup>	S 9
M10	9 20 21	20 <sup>55</sup> 26	7 <sup>44</sup> 37	5 <sup>38</sup>	1 <sup>57</sup>	23 <sup>59</sup>	1 <sup>21</sup>	0 <sup>57</sup>	17 <sup>6</sup>	19 <sup>15</sup>	13 <sup>55</sup>	10 <sup>50</sup>	9 <sup>18</sup>	23 <sup>44</sup>	26 <sup>10</sup>	M10
T 11	9 24 18	21 <sup>56</sup> 22	21 <sup>46</sup>	7 <sup>10</sup>	3 <sup>12</sup>	24 <sup>46</sup>	1 <sup>35</sup>	0 <sup>59</sup>	17 <sup>9</sup>	19 <sup>17</sup>	13 <sup>54</sup>	10 <sup>45</sup>	9 <sup>15</sup>	23 <sup>50</sup>	26 <sup>12</sup>	T 11
W12	9 28 14	22 <sup>57</sup> 17	6 <sup>41</sup> 12	8 <sup>43</sup>	4 <sup>27</sup>	25 <sup>33</sup>	1 <sup>50</sup>	1 <sup>2</sup>	17 <sup>12</sup>	19 <sup>20</sup>	13 <sup>54</sup>	10 <sup>39</sup>	9 <sup>12</sup>	23 <sup>57</sup>	26 <sup>14</sup>	W12
T 13	9 32 11	23 <sup>58</sup> 11	20 <sup>49</sup>	10 <sup>17</sup>	5 <sup>42</sup>	26 <sup>20</sup>	2 <sup>4</sup>	1 <sup>5</sup>	17 <sup>15</sup>	19 <sup>22</sup>	13 <sup>53</sup>	10 <sup>32</sup>	9 <sup>9</sup>	24 <sup>4</sup>	26 <sup>16</sup>	T 13
F 14	9 36 7	24 <sup>59</sup> 03	5 <sup>40</sup> 30	11 <sup>52</sup>	6 <sup>57</sup>	27 <sup>6</sup>	2 <sup>18</sup>	1 <sup>8</sup>	17 <sup>18</sup>	19 <sup>24</sup>	13 <sup>52</sup>	10 <sup>25</sup>	9 <sup>6</sup>	24 <sup>11</sup>	26 <sup>18</sup>	F 14
S 15	9 40 4	25 <sup>59</sup> 55	20 <sup>8</sup>	13 <sup>27</sup>	8 <sup>12</sup>	27 <sup>53</sup>	2 <sup>33</sup>	1 <sup>10</sup>	17 <sup>21</sup>	19 <sup>26</sup>	13 <sup>51</sup>	10 <sup>19</sup>	9 <sup>2</sup>	24 <sup>17</sup>	26 <sup>20</sup>	S 15
S 16	9 44 0	27 <sup>0</sup> 45	4 <sup>48</sup> 37	15 <sup>3</sup>	9 <sup>27</sup>	28 <sup>40</sup>	2 <sup>47</sup>	1 <sup>13</sup>	17 <sup>24</sup>	19 <sup>29</sup>	13 <sup>50</sup>	10 <sup>15</sup>	8 <sup>59</sup>	24 <sup>24</sup>	26 <sup>22</sup>	S 16
M17	9 47 57	28 <sup>1</sup> 33	18 <sup>52</sup>	16 <sup>39</sup>	10 <sup>42</sup>	29 <sup>27</sup>	3 <sup>1</sup>	1 <sup>15</sup>	17 <sup>27</sup>	19 <sup>31</sup>	13 <sup>49</sup>	10 <sup>13</sup>	8 <sup>56</sup>	24 <sup>31</sup>	26 <sup>24</sup>	M17
T 18	9 51 53	29 <sup>2</sup> 21	2 <sup>44</sup> 32	18 <sup>17</sup>	11 <sup>57</sup>	0 <sup>41</sup> 13	3 <sup>16</sup>	1 <sup>17</sup>	17 <sup>30</sup>	19 <sup>33</sup>	13 <sup>48</sup>	10 <sup>40</sup> D12	8 <sup>53</sup>	24 <sup>38</sup>	26 <sup>27</sup>	T 18
W19	9 55 50	0 <sup>48</sup> 30'6	16 <sup>36</sup>	19 <sup>55</sup>	13 <sup>12</sup>	1 <sup>0</sup>	3 <sup>30</sup>	1 <sup>19</sup>	17 <sup>33</sup>	19 <sup>36</sup>	13 <sup>48</sup>	10 <sup>13</sup>	8 <sup>50</sup>	24 <sup>44</sup>	26 <sup>29</sup>	W19
T 20	9 59 47	1 <sup>0</sup> 3'51	0 <sup>40</sup> 5	21 <sup>34</sup>	14 <sup>27</sup>	1 <sup>47</sup>	3 <sup>45</sup>	1 <sup>21</sup>	17 <sup>36</sup>	19 <sup>38</sup>	13 <sup>47</sup>	10 <sup>14</sup>	8 <sup>46</sup>	24 <sup>51</sup>	26 <sup>31</sup>	T 20
F 21	10 3 43	2 <sup>0</sup> 4'33	13 <sup>20</sup>	23 <sup>13</sup>	15 <sup>42</sup>	2 <sup>33</sup>	3 <sup>59</sup>	1 <sup>23</sup>	17 <sup>39</sup>	19 <sup>40</sup>	13 <sup>46</sup>	10 <sup>40</sup> R15	8 <sup>43</sup>	24 <sup>58</sup>	26 <sup>33</sup>	F 21
S 22	10 7 40	3 <sup>0</sup> 5'14	26 <sup>23</sup>	24 <sup>54</sup>	16 <sup>57</sup>	3 <sup>20</sup>	4 <sup>13</sup>	1 <sup>25</sup>	17 <sup>42</sup>	19 <sup>42</sup>	13 <sup>45</sup>	10 <sup>13</sup>	8 <sup>40</sup>	25 <sup>4</sup>	26 <sup>36</sup>	S 22
S 23	10 11 36	4 <sup>0</sup> 5'54	9 <sup>40</sup> 15	26 <sup>35</sup>	18 <sup>12</sup>	4 <sup>6</sup>	4 <sup>28</sup>	1 <sup>27</sup>	17 <sup>44</sup>	19 <sup>44</sup>	13 <sup>45</sup>	10 <sup>9</sup>	8 <sup>37</sup>	25 <sup>11</sup>	26 <sup>38</sup>	S 23
M24	10 15 33	5 <sup>0</sup> 6'32	21 <sup>56</sup>	28 <sup>18</sup>	19 <sup>27</sup>	4 <sup>53</sup>	4 <sup>42</sup>	1 <sup>28</sup>	17 <sup>47</sup>	19 <sup>47</sup>	13 <sup>44</sup>	10 <sup>3</sup>	8 <sup>34</sup>	25 <sup>18</sup>	26 <sup>41</sup>	M24
T 25	10 19 29	6 <sup>0</sup> 7'09	4 <sup>44</sup> 27	0 <sup>41</sup> 1	20 <sup>42</sup>	5 <sup>39</sup>	4 <sup>57</sup>	1 <sup>30</sup>	17 <sup>50</sup>	19 <sup>49</sup>	13 <sup>43</sup>	9 <sup>54</sup>	8 <sup>31</sup>	25 <sup>25</sup>	26 <sup>43</sup>	T 25
W26	10 23 26	7 <sup>0</sup> 7'44	16 <sup>48</sup>	1 <sup>44</sup>	21 <sup>57</sup>	6 <sup>26</sup>	5 <sup>11</sup>	1 <sup>31</sup>	17 <sup>53</sup>	19 <sup>51</sup>	13 <sup>42</sup>	9 <sup>44</sup>	8 <sup>27</sup>	25 <sup>31</sup>	26 <sup>46</sup>	W26
T 27	10 27 22	8 <sup>0</sup> 8'18	28 <sup>59</sup>	3 <sup>29</sup>	23 <sup>12</sup>	7 <sup>12</sup>	5 <sup>25</sup>	1 <sup>33</sup>	17 <sup>55</sup>	19 <sup>53</sup>	13 <sup>42</sup>	9 <sup>32</sup>	8 <sup>24</sup>	25 <sup>38</sup>	26 <sup>48</sup>	T 27
F 28	10 31 19	9 <sup>41</sup> 8'51	11 <sup>40</sup> 2	5 <sup>41</sup> 15	24 <sup>44</sup> 27	7 <sup>40</sup> 59	5 <sup>40</sup> 40	1 <sup>47</sup> 34	17 <sup>58</sup> 58	19 <sup>44</sup> 55	13 <sup>40</sup> 41	9 <sup>30</sup> 21	8 <sup>20</sup> 21	25 <sup>40</sup> 45	26 <sup>40</sup> 51	F 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	17s12	10s37	5s12	21s59	0s29	21s44	0n 2	5s55	0s51	12s25	0s46	18s 3	2n10	22s40	0s21	15s 6
S 2	16 55	14 57	5 0	21 52	0 36	21 35	0s 1	5 37	0 51	12 20	0 46	18 4	2 10	22 40	0 21	15 5
M 3	16 37	18 41	4 37	21 43	0 43	21 25	0 3	5 18	0 50	12 15	0 46	18 4	2 10	22 40	0 21	15 5
T 4	16 20	21 41	4 1	21 34	0 50	21 15	0 6	4 59	0 49	12 10	0 46	18 5	2 10	22 39	0 21	15 4
W 5	16 2	23 46	3 14	21 23	0 56	21 4	0 9	4 40	0 49	12 5	0 46	18 5	2 11	22 39	0 21	15 3
T 6	15 44	24 46	2 17	21 11	1 3	20 53	0 11	4 21	0 48	12 0	0 46	18 6	2 11	22 38	0 21	15 3
F 7	15 25	24 32	1 12	20 58	1 9	20 40	0 14	4 2	0 47	11 55	0 46	18 6	2 11	22 38	0 21	15 2
S 8	15 6	22 59	0 2	20 43	1 15	20 28	0 16	3 42	0 46	11 50	0 46	18 7	2 11	22 38	0 21	15 1
S 9	14 47	20 7	1n10	20 28	1 20	20 14	0 19	3 23	0 46	11 45	0 46	18 7	2 11	22 37	0 21	15 1
M10	14 28	16 3	2 20	20 11	1 26	20 0	0 21	3 4	0 45	11 40	0 46	18 8	2 11	22 37	0 21	15 0
T 11	14 9	11 0	3 23	19 52	1 31	19 45	0 24	2 45	0 44	11 35	0 46	18 8	2 12	22 36	0 21	14 59
W12	13 49	5 15	4 15	19 33	1 35	19 30	0 26	2 26	0 44	11 30	0 46	18 9	2 12	22 36	0 21	14 59
T 13	13 29	0n50	4 50	19 12	1 40	19 14	0 29	2 7	0 43	11 25	0 46	18 9	2 12	22 36	0 21	14 58
F 14	13 9	6 53	5 7	18 50	1 44	18 58	0 31	1 48	0 42	11 20	0 46	18 9	2 12	22 35	0 21	14 57
S 15	12 48	12 32	5 4	18 27	1 48	18 41	0 33	1 28	0 42	11 15	0 46	18 10	2 12	22 35	0 21	14 56
S 16	12 28	17 25	4 41	18 2	1 51	18 24	0 36	1 9	0 41	11 10	0 46	18 10	2 13	22 35	0 21	14 56
M17	12 7	21 14	4 1	17 36	1 54	18 6	0 38	0 50	0 40	11 5	0 46	18 10	2 13	22 34	0 21	14 55
T 18	11 46	23 43	3 7	17 9	1 57	17 47	0 40	0 31	0 39	11 0	0 46	18 10	2 13	22 34	0 21	14 54
W19	11 25	24 44	2 4	16 41	2 0	17 28	0 42	0 12	0 39	10 55	0 47	18 11	2 13	22 34	0 21	14 54
T 20	11 3	24 16	0 54	16 12	2 2	17 9	0 45	0n 7	0 38	10 49	0 47	18 11	2 13	22 33	0 21	14 53
F 21	10 42	22 25	0s17	15 41	2 4	16 49	0 47	0 27	0 37	10 44	0 47	18 11	2 14	22 33	0 21	14 52
S 22	10 20	19 24	1 26	15 9	2 5	16 28	0 49	0 46	0 37	10 39	0 47	18 11	2 14	22 32	0 21	14 52
S 23	9 58	15 29	2 29	14 35	2 6	16 8	0 51	1 5	0 36	10 34	0 47	18 11	2 14	22 32	0 21	14 51
M24	9 36	10 56	3 24	14 1	2 7	15 46	0 53	1 24	0 35	10 29	0 47	18 12	2 14	22 32	0 21	14 50
T 25	9 14	5 59	4 8	13 25	2 7	15 24	0 55	1 43	0 34	10 24	0 47	18 12	2 14	22 31	0 21	14 50
W26	8 52	0 54	4 40	12 48	2 7	15 2	0 57	2 2	0 34	10 18	0 47	18 12	2 15	22 31	0 21	14 49
T 27	8 29	4s10	4 59	12 9	2 6	14 39	0 58	2 21	0 33	10 13	0 47	18 12	2 15	22 31	0 21	14 48
F 28	8s 7	9s 0	5s 3	11s30	2s 5	14s16	1s 0	2n40	0s32	10s 8	0s47	18s12	2n15	22s30	0s21	14s47

Julian Day Number = 2693366.5, Delta T = 24m27s

Ecliptic obliquity = 23°21'14", Nutation = 0°00'18"

Ayanamsha: Fagan/Bradley = 34°00'07", Lahiri = 33°07'07"

## ASTRODIENST EPHEMERIS for the year 2662

MARCH 2662

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 35 15	10 <sup>10</sup> 9'22	22 <sup>5</sup> 58	7 <sup>10</sup> 2	25 <sup>33</sup> 42	8 <sup>10</sup> 45	5 <sup>10</sup> 54	1 <sup>10</sup> 35	18 <sup>3</sup> 0	19 <sup>33</sup> 58	13 <sup>0</sup> R41	9 <sup>0</sup> R10	8 <sup>3</sup> 18	25 <sup>5</sup> 51	26 <sup>10</sup> 53	S 1
S 2	10 39 12	11° 9'52	4 <sup>10</sup> 49	8° 49	26° 57	9° 31	6° 8	1° 36	18° 3	20° 0	13 <sup>0</sup> 40	9 <sup>3</sup> 2	8° 15	25° 58	26° 56	S 2
M 3	10 43 9	12° 10'20	16° 40	10° 37	28° 12	10° 18	6° 23	1° 37	18° 5	20° 2	13° 39	8° 56	8° 12	26° 5	26° 59	M 3
T 4	10 47 5	13° 10'48	28° 33	12° 27	29° 27	11° 4	6° 37	1° 38	18° 8	20° 4	13° 39	8° 53	8° 8	26° 12	27° 1	T 4
W 5	10 51 2	14° 11'14	10 <sup>10</sup> 35	14° 17	0 <sup>10</sup> 42	11° 50	6° 52	1° 38	18° 10	20° 6	13° 38	8° D51	8° 5	26° 18	27° 4	W 5
T 6	10 54 58	15° 11'39	22° 49	16° 8	1° 57	12° 36	7° 6	1° 39	18° 13	20° 8	13° 38	8° 51	8° 2	26° 25	27° 7	T 6
F 7	10 58 55	16° 12'02	5 <sup>3</sup> 21	18° 0	3° 11	13° 22	7° 20	1° 39	18° 15	20° 10	13° 37	8° R52	7° 59	26° 32	27° 10	F 7
S 8	11 2 51	17° 12'25	18° 17	19° 52	4° 26	14° 9	7° 35	1° 40	18° 17	20° 13	13° 37	8° 52	7° 56	26° 38	27° 13	S 8
S 9	11 6 48	18° 12'45	1 <sup>33</sup> 39	21° 46	5° 41	14° 55	7° 49	1° 40	18° 20	20° 15	13° 36	8° 49	7° 52	26° 45	27° 16	S 9
M10	11 10 44	19° 13'05	15° 30	23° 39	6° 56	15° 41	8° 3	1° 40	18° 22	20° 17	13° 36	8° 45	7° 49	26° 52	27° 18	M10
T 11	11 14 41	20° 13'22	29° 49	25° 34	8° 11	16° 27	8° 17	1° R40	18° 24	20° 19	13° 36	8° 38	7° 46	26° 59	27° 21	T 11
W12	11 18 38	21° 13'38	14 <sup>10</sup> 32	27° 29	9° 26	17° 13	8° 32	1° 40	18° 26	20° 21	13° 35	8° 28	7° 43	27° 5	27° 24	W12
T 13	11 22 34	22° 13'53	29° 32	29° 24	10° 41	17° 59	8° 46	1° 40	18° 28	20° 23	13° 35	8° 17	7° 40	27° 12	27° 27	T 13
F 14	11 26 31	23° 14'05	14 <sup>10</sup> 39	1 <sup>10</sup> 19	11° 56	18° 45	9° 0	1° 40	18° 30	20° 25	13° 35	8° 6	7° 37	27° 19	27° 30	F 14
S 15	11 30 27	24° 14'16	29° 42	3° 14	13° 11	19° 31	9° 14	1° 40	18° 32	20° 27	13° 34	7° 56	7° 33	27° 25	27° 34	S 15
S 16	11 34 24	25° 14'25	14 <sup>10</sup> 33	5° 8	14° 26	20° 16	9° 28	1° 39	18° 34	20° 29	13° 34	7° 48	7° 30	27° 32	27° 37	S 16
M17	11 38 20	26° 14'31	29° 4	7° 2	15° 41	21° 2	9° 43	1° 39	18° 36	20° 31	13° 34	7° 44	7° 27	27° 39	27° 40	M17
T 18	11 42 17	27° 14'36	13 <sup>10</sup> 13	8° 55	16° 55	21° 48	9° 57	1° 38	18° 38	20° 33	13° 33	7° 41	7° 24	27° 46	27° 43	T 18
W19	11 46 13	28° 14'39	26° 58	10° 47	18° 10	22° 34	10° 11	1° 37	18° 40	20° 34	13° 33	7° D41	7° 21	27° 52	27° 46	W19
T 20	11 50 10	29° 14'39	10 <sup>10</sup> 22	12° 37	19° 25	23° 19	10° 25	1° 36	18° 41	20° 36	13° 33	7° R41	7° 18	27° 59	27° 49	T 20
F 21	11 54 7	0 <sup>10</sup> 14'37	23° 26	14° 25	20° 40	24° 5	10° 39	1° 36	18° 43	20° 38	13° 33	7° 40	7° 14	28° 6	27° 52	F 21
S 22	11 58 3	1° 14'33	6 <sup>10</sup> 14	16° 10	21° 55	24° 51	10° 53	1° 34	18° 45	20° 40	13° 33	7° 37	7° 11	28° 12	27° 56	S 22
S 23	12 2 0	2° 14'27	18° 49	17° 52	23° 9	25° 36	11° 7	1° 33	18° 46	20° 42	13° 33	7° 32	7° 8	28° 19	27° 59	S 23
M24	12 5 56	3° 14'19	1 <sup>10</sup> 14	19° 30	24° 24	26° 22	11° 21	1° 32	18° 48	20° 44	13° 33	7° 24	7° 5	28° 26	28° 2	M24
T 25	12 9 53	4° 14'09	13° 29	21° 4	25° 39	27° 7	11° 34	1° 31	18° 49	20° 46	13° 32	7° 13	7° 2	28° 33	28° 5	T 25
W26	12 13 49	5° 13'56	25° 38	22° 34	26° 54	27° 53	11° 48	1° 29	18° 51	20° 47	13° 32	6° 59	6° 58	28° 39	28° 9	W26
T 27	12 17 46	6° 13'42	7 <sup>10</sup> 40	23° 58	28° 8	28° 38	12° 2	1° 28	18° 52	20° 49	13° 32	6° 45	6° 55	28° 46	28° 12	T 27
F 28	12 21 42	7° 13'26	19° 37	25° 17	29° 23	29° 23	12° 16	1° 26	18° 54	20° 51	13° D32	6° 30	6° 52	28° 53	28° 15	F 28
S 29	12 25 39	8° 13'08	1 <sup>10</sup> 30	26° 30	0 <sup>10</sup> 38	0 <sup>10</sup> 8	12° 30	1° 24	18° 55	20° 52	13° 32	6° 17	6° 49	28° 59	28° 19	S 29
S 30	12 29 36	9° 12'48	13° 21	27° 36	1° 53	0° 54	12° 43	1° 23	18° 56	20° 54	13° 32	6° 6	6° 46	29° 6	28° 22	S 30
M31	12 33 32	10 <sup>10</sup> 12'26	25 <sup>10</sup> 11	28° 36	3 <sup>10</sup> 7	1 <sup>10</sup> 39	12° 48	1 <sup>10</sup> 21	18° 58	20° 56	13° 32	5° 57	6° 43	29° 13	28° 26	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	7s44	13s28	4s55	10s49	2s 4	13s53	1s 2	2n58	0s32	10s 3	0s47	18s12	2n15	22s30	0s22	14s47
S 2	7 21	17 23	4 34	10 7	2 2	13 29	1 4	3 17	0 31	9 58	0 47	18 12	2 15	22 30	0 22	14 46
M 3	6 58	20 36	4 1	9 24	1 59	13 5	1 5	3 36	0 30	9 52	0 47	18 12	2 16	22 30	0 22	14 45
T 4	6 35	22 58	3 17	8 40	1 56	12 40	1 7	3 35	0 29	9 47	0 47	18 12	2 16	22 29	0 22	14 45
W 5	6 12	24 20	2 25	7 54	1 53	12 15	1 8	4 13	0 29	9 42	0 47	18 12	2 16	22 29	0 22	14 44
T 6	5 49	24 34	1 24	7 7	1 49	11 50	1 10	4 32	0 28	9 37	0 48	18 12	2 16	22 29	0 22	14 43
F 7	5 26	23 33	0 19	6 20	1 44	11 24	1 11	4 51	0 27	9 31	0 48	18 12	2 16	22 28	0 22	14 43
S 8	5 2	21 17	0n50	5 31	1 39	10 59	1 13	5 9	0 26	9 26	0 48	18 11	2 16	22 28	0 22	14 42
S 9	4 39	17 48	1 58	4 41	1 33	10 32	1 14	5 28	0 26	9 21	0 48	18 11	2 17	22 28	0 22	14 42
M10	4 15	13 14	3 1	3 51	1 27	10 6	1 15	5 46	0 25	9 16	0 48	18 11	2 17	22 28	0 22	14 41
T 11	3 52	7 49	3 56	2 59	1 20	9 39	1 16	6 4	0 24	9 10	0 48	18 11	2 17	22 27	0 22	14 40
W12	3 28	1 49	4 36	2 7	1 13	9 12	1 18	6 22	0 24	9 5	0 48	18 11	2 17	22 27	0 22	14 40
T 13	3 4	4n22	4 58	1 14	1 5	8 45	1 19	6 41	0 23	9 0	0 48	18 11	2 17	22 27	0 22	14 39
F 14	2 41	10 21	4 59	0 20	0 56	8 17	1 20	6 59	0 22	8 55	0 48	18 10	2 18	22 26	0 22	14 38
S 15	2 17	15 41	4 40	0n34	0 47	7 50	1 21	7 17	0 21	8 49	0 48	18 10	2 18	22 26	0 22	14 38
S 16	1 53	20 0	4 2	1 28	0 37	7 22	1 21	7 35	0 21	8 44	0 48	18 10	2 18	22 26	0 22	14 37
M17	1 29	22 57	3 9	2 22	0 27	6 54	1 22	7 52	0 20	8 39	0 49	18 10	2 18	22 26	0 22	14 37
T 18	1 6	24 23	2 6	3 17	0 16	6 25	1 23	8 10	0 19	8 34	0 49	18 9	2 18	22 26	0 22	14 36
W19	0 42	24 15	0 56	4 11	0 5	5 57	1 24	8 28	0 19	8 29	0 49	18 9	2 19	22 25	0 22	14 35
T 20	0 18	22 43	0s14	5 4	0n 7	5 28	1 24	8 45	0 18	8 23	0 49	18 9	2 19	22 25	0 22	14 35
F 21	0n 6	19 59	1 22	5 57	0 19	4 59	1 25	9 3	0 17	8 18	0 49	18 8	2 19	22 25	0 22	14 34
S 22	0 30	16 19	2 25	6 49	0 31	4 30	1 25	9 20	0 16	8 13	0 49	18 8	2 19	22 25	0 22	14 34
S 23	0 53	11 59	3 19	7 40	0 44	4 1	1 26	9 37	0 16	8 8	0 49	18 7	2 19	22 24	0 22	14 33
M24	1 17	7 13	4 3	8 29	0 57	3 32	1 26	9 54	0 15	8 3	0 49	18 7	2 20	22 24	0 22	14 32
T 25	1 41	2 14	4 34	9 16	1 10	3 3	1 27	10 11	0 14	7 58	0 49	18 7	2 20	22 24	0 22	14 32
W26	2 4	2s46	4 53	10 2	1 23	2 34	1 27	10 28	0 14	7 52	0 49	18 6	2 20	22 24	0 22	14 31
T 27	2 28	7 37	4 59	10 45	1 35	2 4	1 27	10 45	0 13	7 47	0 50	18 6	2 20	22 24	0 22	14 31
F 28	2 51	12 9	4 52	11 25	1 48	1 35	1 27	11 2	0 12	7 42	0 50	18 5	2 20	22 24	0 22	14 30
S 29	3 15	16 12	4 31	12 3	2 0	1 5	1 27	11 18	0 11	7 37	0 50	18 5	2 20	22 23	0 22	14 30
S 30	3 38	19 35	3 59	12 38	2 12	0 35	1 27	11 35	0 11	7 32	0 50	18 4	2 21	22 23	0 22	14 29
M31	4n 2	22s11	3s17	13n10	2n23	0s 6	1s27	11n51	0s10	7s27	0s50	18s 4	2n21	22s23	0s22	14s29

Julian Day Number = 2693394.5, Delta T = 24m27s

Ecliptic obliquity = 23°21'14, Nutation = 0°00'18

Ayanamsha: Fagan/Bradley = 34°00'11, Lahiri = 33°07'11



## ASTRODIENST EPHEMERIS for the year 2662

MAY 2662

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 35 45	10°45'13	10°32'27	20°D24	11°8'36	24°8'36	19°11'30	29°R42	19°R10	21°33'4	13°32'46	3°15'15	5°3'4	2°11'41	0°8'14	T 1
F 2	14 39 42	11°43'48	22°58'22	20°Y27	12°50'50	25°20'20	19°41'41	29°M38	19°31'10	21°34'13	13°46'30	3°16'50	5°1'2	2°48'24	0°18'00	F 2
S 3	14 43 38	12°42'22	5°34'47	20°36'14	14°4'26	26°4'26	19°53'53	29°33'33	19°9'9	21°35'35	13°47'30	3°17'45	5°8'4	2°54'25	0°21'00	S 3
S 4	14 47 35	13°40'54	18°59'27	20°49'15	15°18'18	26°47'20	20°4'20	29°29'29	19°9'9	21°36'36	13°48'30	3°17'45	4°55'3	3°1'0	0°25'00	S 4
M 5	14 51 31	14°39'24	2°37'37	21°7'7	16°32'32	27°31'31	20°15'15	29°25'25	19°8'8	21°36'36	13°49'30	3°16'45	4°51'3	3°8'0	0°28'00	M 5
T 6	14 55 28	15°37'53	16°42'21	21°29'29	17°47'47	28°14'14	20°26'26	29°21'21	19°8'8	21°37'37	13°50'30	3°12'44	4°48'3	3°14'0	0°32'00	T 6
W 7	14 59 25	16°36'20	1°Y14	21°56'19	1°1'1	28°58'58	20°37'37	29°16'16	19°7'7	21°38'38	13°51'30	3°7'44	4°45'3	3°21'0	0°35'00	W 7
T 8	15 3 21	17°34'46	16°7'7	22°27'27	20°15'15	29°41'41	20°48'48	29°12'12	19°6'6	21°38'38	13°51'30	3°1'4	4°42'3	3°28'0	0°39'00	T 8
F 9	15 7 18	18°33'10	1°8'17	23°2'2	21°29'29	0°II24	20°59'59	29°7'7	19°6'6	21°39'39	13°52'25	2°54'43	4°39'3	3°34'0	0°42'00	F 9
S 10	15 11 14	19°31'33	16°31'31	23°41'41	22°43'43	1°7'7	21°10'10	29°3'3	19°5'5	21°39'39	13°53'24	2°48'43	4°35'3	3°41'0	0°46'00	S 10
S 11	15 15 11	20°29'54	1°II41	24°24'24	23°57'57	1°51'51	21°20'20	28°59'59	19°4'4	21°40'40	13°54'24	2°43'43	4°32'3	3°48'0	0°49'00	S 11
M12	15 19 7	21°28'13	16°36'36	25°10'10	25°11'11	2°34'34	21°31'31	28°54'54	19°3'3	21°40'40	13°55'24	2°40'43	4°29'3	3°55'0	0°52'00	M12
T 13	15 23 4	22°26'30	1°8'8	26°0'0	26°25'25	3°17'17	21°41'41	28°50'50	19°2'2	21°40'40	13°56'24	2°D39	4°26'4	4°1'0	0°56'00	T 13
W14	15 27 0	23°24'45	15°14'14	26°53'53	27°39'39	4°0'0	21°52'52	28°45'45	19°1'1	21°41'41	13°57'24	2°39'43	4°23'3	4°8'0	0°59'00	W14
T 15	15 30 57	24°22'58	28°52'52	27°49'49	28°53'53	4°43'43	22°2'2	28°41'41	19°0'0	21°41'41	13°58'24	2°41'43	4°20'3	4°15'0	1°2'00	T 15
F 16	15 34 54	25°21'09	12°8'4	28°49'49	0°II7	5°26'26	22°12'12	28°36'36	18°59'59	21°41'41	13°59'24	2°42'43	4°16'3	4°21'0	1°6'00	F 16
S 17	15 38 50	26°19'19	24°52'52	29°51'51	1°21'21	6°9'9	22°22'22	28°32'32	18°58'58	21°42'42	14°0'0	2°R43	4°13'3	4°28'0	1°9'00	S 17
S 18	15 42 47	27°17'26	7°M21	0°8'56	2°35'35	6°52'52	22°32'32	28°27'27	18°57'57	21°42'42	14°1'1	2°42'43	4°10'3	4°35'0	1°12'00	S 18
M19	15 46 43	28°15'31	19°35'35	2°4'4	3°49'49	7°35'35	22°41'41	28°22'22	18°55'55	21°42'42	14°2'2	2°40'43	4°7'3	4°42'0	1°15'00	M19
T 20	15 50 40	29°13'34	1°38'38	3°14'14	5°3'3	8°17'17	22°51'51	28°18'18	18°54'54	21°42'42	14°3'3	2°37'43	4°4'4	4°48'0	1°19'00	T 20
W21	15 54 36	0°II11'36	13°34'34	4°27'27	6°17'17	9°0'0	23°1'1	28°13'13	18°53'53	21°42'42	14°4'4	2°32'43	4°1'1	4°55'0	1°22'00	W21
T 22	15 58 33	1°9'36	25°25'25	5°42'42	7°31'31	9°43'43	23°10'10	28°9'9	18°52'52	21°42'42	14°6'6	2°27'43	3°57'3	5°2'0	1°25'00	T 22
F 23	16 2 29	2°7'34	7°M16	7°0'0	8°45'45	10°25'25	23°19'19	28°4'4	18°50'50	21°42'42	14°7'7	2°21'43	3°54'3	5°8'0	1°28'00	F 23
S 24	16 6 26	3°5'30	19°9'9	8°20'20	9°59'59	11°8'8	23°28'28	28°0'0	18°49'49	21°R42	14°8'8	2°16'43	3°51'3	5°15'0	1°31'00	S 24
S 25	16 10 23	4°3'25	1°8'5	9°43'43	11°13'13	11°50'50	23°37'37	27°55'55	18°47'47	21°42'42	14°9'9	2°12'43	3°48'3	5°22'0	1°34'00	S 25
M26	16 14 19	5°1'19	13°6'6	11°8'8	12°26'26	12°33'33	23°46'46	27°51'51	18°46'46	21°42'42	14°10'10	2°9'9	3°45'3	5°28'0	1°38'00	M26
T 27	16 18 16	5°59'11	25°15'15	12°35'35	13°40'40	13°15'15	23°55'55	27°46'46	18°44'44	21°42'42	14°11'11	2°8'8	3°41'3	5°35'0	1°41'00	T 27
W28	16 22 12	6°57'02	7°32'32	14°5'5	14°54'54	13°57'57	24°3'3	27°42'42	18°43'43	21°42'42	14°13'13	2°D8	3°38'3	5°42'0	1°44'00	W28
T 29	16 26 9	7°54'51	20°1'1	15°37'37	16°8'8	14°40'40	24°12'12	27°38'38	18°41'41	21°42'42	14°14'14	2°9'9	3°35'3	5°49'0	1°47'00	T 29
F 30	16 30 5	8°52'39	2°42'42	17°11'11	17°22'22	15°22'22	24°20'20	27°33'33	18°39'39	21°42'42	14°15'15	2°10'10	3°32'3	5°55'0	1°50'00	F 30
S 31	16 34 2	9°II50'26	15°34'40	18°8'47	18°II35	16°II4	24°11'29	27°M29	18°38'38	21°34'42	14°16'16	2°32'43	3°29'3	6°M2	1°53'00	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	15n 0	22s18	0n39	6n51	1s11	14n23	0s55	19n 2	0n11	4s59	0s55	17s40	2n24	22s22	0s23	T 1
F 2	15 18	19 42	1 44	6 40	1 24	14 47	0 53	19 13	0 12	4 55	0 55	17 39	2 24	22 22	0 23	F 2
S 3	15 36	16 4	2 46	6 31	1 37	15 11	0 51	19 24	0 12	4 50	0 55	17 38	2 24	22 22	0 23	S 3
S 4	15 53	11 34	3 41	6 25	1 48	15 35	0 49	19 35	0 13	4 46	0 55	17 37	2 24	22 22	0 23	S 4
M 5	16 11	6 22	4 25	6 22	1 59	15 58	0 47	19 45	0 13	4 42	0 56	17 36	2 24	22 23	0 23	M 5
T 6	16 28	0 41	4 56	6 21	2 9	16 21	0 45	19 55	0 14	4 38	0 56	17 35	2 24	22 23	0 23	T 6
W 7	16 44	5n12	5 8	6 22	2 19	16 43	0 43	20 6	0 15	4 34	0 56	17 34	2 24	22 23	0 23	W 7
T 8	17 1	10 56	5 0	6 26	2 27	17 5	0 41	20 16	0 15	4 29	0 56	17 33	2 24	22 23	0 23	T 8
F 9	17 17	16 7	4 32	6 32	2 35	17 26	0 39	20 25	0 16	4 25	0 56	17 32	2 24	22 23	0 23	F 9
S 10	17 33	20 17	3 43	6 39	2 42	17 47	0 37	20 35	0 17	4 21	0 56	17 31	2 24	22 23	0 23	S 10
S 11	17 49	23 2	2 40	6 49	2 48	18 8	0 35	20 44	0 17	4 17	0 57	17 31	2 24	22 23	0 23	S 11
M12	18 4	24 6	1 26	7 1	2 53	18 28	0 32	20 53	0 18	4 13	0 57	17 30	2 24	22 24	0 23	M12
T 13	18 19	23 29	0 8	7 15	2 58	18 48	0 30	21 2	0 18	4 10	0 57	17 29	2 24	22 24	0 23	T 13
W14	18 34	21 22	1s 8	7 30	3 1	19 7	0 28	21 11	0 19	4 6	0 57	17 28	2 24	22 24	0 23	W14
T 15	18 48	18 4	2 18	7 47	3 5	19 25	0 26	21 19	0 20	4 2	0 57	17 27	2 24	22 24	0 24	T 15
F 16	19 2	13 57	3 18	8 6	3 7	19 43	0 23	21 28	0 20	3 58	0 58	17 26	2 24	22 24	0 24	F 16
S 17	19 16	9 19	4 6	8 26	3 9	20 1	0 21	21 36	0 21	3 54	0 58	17 25	2 24	22 24	0 24	S 17
S 18	19 29	4 25	4 42	8 47	3 10	20 18	0 19	21 44	0 21	3 51	0 58	17 24	2 24	22 25	0 24	S 18
M19	19 42	0s33	5 3	9 10	3 10	20 34	0 16	21 51	0 22	3 47	0 58	17 23	2 24	22 25	0 24	M19
T 20	19 55	5 25	5 11	9 34	3 10	20 50	0 14	21 59	0 23	3 44	0 59	17 22	2 24	22 25	0 24	T 20
W21	20 7	10 2	5 6	9 59	3 9	21 5	0 12	22 6	0 23	3 40	0 59	17 21	2 24	22 25	0 24	W21
T 22	20 19	14 15	4 47	10 26	3 7	21 20	0 9	22 13	0 24	3 36	0 59	17 20	2 24	22 25	0 24	T 22
F 23	20 31	17 55	4 16	10 53	3 5	21 34	0 7	22 20	0 24	3 33	0 59	17 19	2 24	22 26	0 24	F 23
S 24	20 42	20 52	3 34	11 21	3 2	21 48	0 5	22 26	0 25	3 30	0 59	17 18	2 24	22 26	0 24	S 24
S 25	20 53	22 57	2 42	11 51	2 59	22 0	0 2	22 33	0 25	3 26	1 0	17 17	2 24	22 26	0 24	S 25
M26	21 4	23 59	1 43	12 20	2 55	22 13	0n 0	22 39	0 26	3 23	1 0	17 16	2 24	22 26	0 24	M26
T 27	21 14	23 54	0 38	12 51	2 50	22 24	0 3	22 45	0 27	3 20	1 0	17 15	2 24	22 26	0 24	T 27
W28	21 24	22 39	0n30	13 22	2 45	22 35	0 5	22 51	0 27	3 17	1 0	17 15	2 24	22 27	0 24	W28
T 29	21 33	20 16	1 37	13 54	2 40	22 46	0 8	22 56	0 28	3 13	1 1	17 14	2 24	22 27	0 24	T 29
F 30	21 42	16 53	2 40	14 27	2 34	22 55	0 10	23 1	0 28	3 10	1 1	17 13	2 24	22 27	0 24	F 30
S 31	21n51	12s37	3n37	14n59	2s27	23n 4	0n12	23n 6	0n29	3s 7	1s 1	17s12	2n23	22s27	0s24	S 31

Julian Day Number = 2693455.5, Delta T = 24m28s

Ecliptic obliquity = 23°21'13, Nutation = 0°00'16

Ayanamsha: Fagan/Bradley = 34°00'19, Lahiri = 33°07'19

## ASTRODIENST EPHEMERIS for the year 2662

JUNE 2662

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 37 59	10 <sup>11</sup> 48'12	28 <sup>28</sup> 55	20 <sup>20</sup> 25	19 <sup>19</sup> 49	16 <sup>16</sup> 46	24 <sup>24</sup> 37	27°R24	18°R36	21°R42	14 <sup>14</sup> 58	2 <sup>2</sup> 13	3 <sup>3</sup> 26	6 <sup>6</sup> 9	1 <sup>1</sup> 56	S 1
M 2	16 41 55	11°45'57	12 <sup>12</sup> 31	22° 6	21° 3	17°29	24°45	27 <sup>27</sup> 20	18°34	21°41	14°19	2°R13	3°22	6°15	1°59	M 2
T 3	16 45 52	12°43'41	26°28	23°49	22°17	18°11	24°52	27°16	18°33	21°41	14°20	2°13	3°19	6°22	2° 1	T 3
W 4	16 49 48	13°41'23	10 <sup>10</sup> 45	25°34	23°30	18°53	25° 0	27°12	18°31	21°41	14°21	2°12	3°16	6°29	2° 4	W 4
T 5	16 53 45	14°39'05	25°21	27°21	24°44	19°35	25° 8	27° 7	18°29	21°40	14°23	2°10	3°13	6°35	2° 7	T 5
F 6	16 57 41	15°36'46	10 <sup>10</sup> 10	29°11	25°58	20°17	25°15	27° 3	18°27	21°40	14°24	2° 8	3°10	6°42	2°10	F 6
S 7	17 1 38	16°34'26	25° 6	1 <sup>1</sup> 11	27°12	20°58	25°22	26°59	18°25	21°39	14°25	2° 6	3° 6	6°49	2°13	S 7
S 8	17 5 34	17°32'05	10 <sup>10</sup> 11	2°56	28°25	21°40	25°29	26°55	18°23	21°39	14°27	2° 4	3° 3	6°56	2°15	S 8
M 9	17 9 31	18°29'43	24°46	4°52	29°39	22°22	25°36	26°51	18°21	21°39	14°28	2° 4	3° 0	7° 2	2°18	M 9
T 10	17 13 28	19°27'19	9 <sup>9</sup> 51	6°50	0 <sup>0</sup> 53	23° 4	25°43	26°47	18°19	21°38	14°29	2°D 4	2°57	7° 9	2°21	T 10
W 11	17 17 24	20°24'55	23°22	8°50	2° 6	23°45	25°49	26°43	18°17	21°37	14°31	2° 4	2°54	7°16	2°23	W 11
T 12	17 21 21	21°22'29	7 <sup>7</sup> 51	10°52	3°20	24°27	25°56	26°39	18°15	21°37	14°32	2° 5	2°51	7°22	2°26	T 12
F 13	17 25 17	22°20'02	20°22	12°56	4°34	25° 9	26° 2	26°35	18°13	21°36	14°33	2° 6	2°47	7°29	2°28	F 13
S 14	17 29 14	23°17'33	3 <sup>3</sup> 16	15° 2	5°47	25°50	26° 8	26°31	18°11	21°36	14°35	2° 7	2°44	7°36	2°31	S 14
S 15	17 33 10	24°15'03	15°49	17° 9	7° 1	26°32	26°14	26°27	18° 9	21°35	14°36	2° 7	2°41	7°42	2°33	S 15
M 16	17 37 7	25°12'32	28° 5	19°18	8°14	27°13	26°20	26°24	18° 6	21°34	14°38	2°R 7	2°38	7°49	2°36	M 16
T 17	17 41 3	26°10'00	10 <sup>10</sup> 12	21°27	9°28	27°55	26°26	26°20	18° 4	21°34	14°39	2° 7	2°35	7°56	2°38	T 17
W 18	17 45 0	27° 7'27	22° 3	23°38	10°41	28°36	26°31	26°17	18° 2	21°33	14°40	2° 6	2°32	8° 3	2°41	W 18
T 19	17 48 57	28° 4'52	3 <sup>3</sup> 15	25°50	11°55	29°17	26°37	26°13	18° 0	21°32	14°42	2° 6	2°28	8° 9	2°43	T 19
F 20	17 52 53	29° 2'17	15°46	28° 2	13° 8	29°59	26°42	26°10	17°58	21°31	14°43	2° 6	2°25	8°16	2°45	F 20
S 21	17 56 50	29°59'40	27°42	0 <sup>0</sup> 54	14°22	0 <sup>0</sup> 54	26°47	26° 6	17°55	21°30	14°45	2° 5	2°22	8°23	2°47	S 21
S 22	18 0 46	0 <sup>0</sup> 57'03	9 <sup>9</sup> 24	2°26	15°35	1°21	26°52	26° 3	17°53	21°30	14°46	2° 5	2°19	8°29	2°50	S 22
M 23	18 4 43	1°54'25	21°54	4°38	16°49	2° 2	26°56	26° 0	17°51	21°29	14°48	2°D 5	2°16	8°36	2°52	M 23
T 24	18 8 39	2°51'46	4 <sup>4</sup> 16	6°49	18° 2	2°43	27° 1	25°57	17°48	21°28	14°49	2°R 5	2°13	8°43	2°54	T 24
W 25	18 12 36	3°49'06	16°50	8°59	19°16	3°24	27° 5	25°53	17°46	21°27	14°50	2° 5	2° 9	8°49	2°56	W 25
T 26	18 16 32	4°46'26	29°37	11° 8	20°29	4° 5	27° 9	25°50	17°44	21°26	14°52	2° 5	2° 6	8°56	2°58	T 26
F 27	18 20 29	5°43'45	12 <sup>12</sup> 38	13°16	21°43	4°46	27°13	25°48	17°41	21°25	14°53	2° 4	2° 3	9° 3	3° 0	F 27
S 28	18 24 26	6°41'04	25°53	15°23	22°56	5°27	27°17	25°45	17°39	21°24	14°55	2° 4	2° 0	9° 9	3° 2	S 28
S 29	18 28 22	7°38'22	9 <sup>9</sup> 22	17°27	24°10	6° 8	27°20	25°42	17°37	21°23	14°56	2° 3	1°57	9°16	3° 4	S 29
M 30	18 32 19	8 <sup>8</sup> 35'40	23 <sup>23</sup> 31	19°30	25°23	6°54	27 <sup>27</sup> 24	25 <sup>25</sup> 39	17 <sup>17</sup> 34	21 <sup>21</sup> 22	14 <sup>14</sup> 58	2 <sup>2</sup> 3	1 <sup>1</sup> 53	9 <sup>9</sup> 23	3 <sup>3</sup> 6	M 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	21n59	7s41	4n24	15n32	2s20	23n13	0n15	23n11	0n29	3s 4	1s 1	17s11	2n23	22s28	0s24	14s15
M 2	22 7	2 16	4 57	16 6	2 12	23 20	0 17	23 16	0 30	3 1	1 2	17 10	2 23	22 28	0 24	14 15
T 3	22 15	3n24	5 14	16 39	2 4	23 27	0 20	23 20	0 30	2 59	1 2	17 9	2 23	22 28	0 24	14 15
W 4	22 22	9 1	5 12	17 12	1 56	23 34	0 22	23 24	0 31	2 56	1 2	17 8	2 23	22 29	0 24	14 15
T 5	22 28	14 16	4 50	17 45	1 47	23 39	0 24	23 28	0 32	2 53	1 2	17 8	2 23	22 29	0 24	14 15
F 6	22 35	18 45	4 9	18 18	1 38	23 44	0 27	23 32	0 32	2 50	1 3	17 7	2 23	22 29	0 24	14 15
S 7	22 41	22 3	3 10	18 51	1 28	23 49	0 29	23 35	0 33	2 48	1 3	17 6	2 23	22 29	0 24	14 15
S 8	22 46	23 50	1 59	19 23	1 19	23 52	0 31	23 39	0 33	2 45	1 3	17 5	2 22	22 30	0 24	14 16
M 9	22 51	23 55	0 40	19 55	1 8	23 55	0 34	23 42	0 34	2 43	1 3	17 4	2 22	22 30	0 24	14 16
T 10	22 56	22 22	0s40	20 25	0 58	23 57	0 36	23 44	0 34	2 40	1 4	17 4	2 22	22 30	0 24	14 16
W 11	23 1	19 27	1 55	20 55	0 47	23 59	0 38	23 47	0 35	2 38	1 4	17 3	2 22	22 31	0 24	14 16
T 12	23 4	15 30	3 2	21 23	0 37	23 59	0 41	23 49	0 35	2 36	1 4	17 2	2 22	22 31	0 24	14 16
F 13	23 8	10 54	3 57	21 50	0 26	23 59	0 43	23 52	0 36	2 33	1 4	17 1	2 22	22 31	0 24	14 17
S 14	23 11	5 57	4 38	22 16	0 15	23 59	0 45	23 53	0 36	2 31	1 5	17 1	2 22	22 31	0 24	14 17
S 15	23 14	0 54	5 4	22 40	0 4	23 57	0 47	23 55	0 37	2 29	1 5	17 0	2 21	22 32	0 24	14 17
M 16	23 16	4s 5	5 16	23 2	0n 6	23 55	0 49	23 57	0 37	2 27	1 5	16 59	2 21	22 32	0 24	14 17
T 17	23 18	8 49	5 14	23 22	0 17	23 52	0 51	23 58	0 38	2 25	1 5	16 59	2 21	22 32	0 24	14 17
W 18	23 19	13 10	4 58	23 39	0 27	23 49	0 54	23 59	0 38	2 23	1 6	16 58	2 21	22 33	0 24	14 18
T 19	23 20	17 0	4 30	23 55	0 37	23 45	0 56	24 0	0 39	2 21	1 6	16 57	2 21	22 33	0 24	14 18
F 20	23 21	20 10	3 50	24 7	0 47	23 40	0 58	24 0	0 39	2 19	1 6	16 57	2 21	22 33	0 24	14 18
S 21	23 21	22 29	2 59	24 17	0 56	23 34	1 0	24 1	0 40	2 18	1 7	16 56	2 20	22 34	0 24	14 19
S 22	23 21	23 49	2 1	24 25	1 5	23 28	1 2	24 1	0 40	2 16	1 7	16 55	2 20	22 34	0 24	14 19
M 23	23 20	24 3	0 56	24 29	1 13	23 21	1 3	24 1	0 41	2 14	1 7	16 55	2 20	22 34	0 24	14 19
T 24	23 19	23 5	0n12	24 31	1 20	23 13	1 5	24 1	0 41	2 13	1 7	16 54	2 20	22 35	0 24	14 19
W 25	23 18	20 58	1 21	24 30	1 27	23 5	1 7	24 0	0 42	2 11	1 8	16 54	2 20	22 35	0 24	14 20
T 26	23 16	17 46	2 27	24 26	1 33	22 56	1 9	23 59	0 42	2 10	1 8	16 53	2 19	22 35	0 24	14 20
F 27	23 14	13 39	3 26	24 20	1 39	22 46	1 11	23 59	0 43	2 9	1 8	16 53	2 19	22 35	0 24	14 20
S 28	23 11	8 49	4 16	24 11	1 43	22 36	1 12	23 57	0 43	2 8	1 8	16 52	2 19	22 36	0 24	14 21
S 29	23 8	3 30	4 53	24 0	1 47	22 25	1 14	23 56	0 44	2 6	1 9	16 52	2 19	22 36	0 24	14 21
M 30	23n 5	2n 4	5n13	23n46	1n51	22n13	1n15	23n55	0n44	2s 5	1s 9	16s51	2n19	22s36	0s24	14s21

Julian Day Number = 2693486.5, Delta T = 24m28s

Ecliptic obliquity = 23°21'12, Nutation = 0°00'17

Ayanamsha: Fagan/Bradley = 34°00'24, Lahiri = 33°07'24

## ASTRODIENST EPHEMERIS for the year 2662

JULY 2662

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 36 15	9 <sup>53</sup> 23'58	7 <sup>17</sup> 2	21 <sup>53</sup> 31	26 <sup>53</sup> 36	7 <sup>53</sup> 30	27 <sup>17</sup> 27	25°R36	17°R32	21°R21	14 <sup>53</sup> 59	2°D 3	1 <sup>53</sup> 50	9 <sup>17</sup> 30	3 <sup>17</sup> 8	T 1
W 2	18 40 12	10°30'15	21°12	23°31	27°50	8°10	27°30	25 <sup>17</sup> 34	17 <sup>53</sup> 30	21°R20	15° 1	2° 3	1°47	9°36	3°10	W 2
T 3	18 44 8	11°27'33	5 <sup>17</sup> 31	25°28	29° 3	8°51	27°33	25°31	17°27	21°18	15° 2	2° 3	1°44	9°43	3°11	T 3
F 4	18 48 5	12°24'50	19°58	27°23	0 <sup>17</sup> 16	9°32	27°36	25°29	17°25	21°17	15° 4	2° 4	1°41	9°50	3°13	F 4
S 5	18 52 1	13°22'07	4 <sup>17</sup> 29	29°16	1°30	10°12	27°38	25°27	17°22	21°16	15° 5	2° 5	1°38	9°56	3°15	S 5
S 6	18 55 58	14°19'24	18°59	1 <sup>17</sup> 6	2°43	10°53	27°40	25°25	17°20	21°15	15° 7	2° 6	1°34	10° 3	3°16	S 6
M 7	18 59 55	15°16'42	3 <sup>17</sup> 23	2°55	3°56	11°34	27°43	25°22	17°17	21°14	15° 8	2°R 6	1°31	10°10	3°18	M 7
T 8	19 3 51	16°13'58	17°35	4°41	5°10	12°14	27°45	25°20	17°15	21°12	15°10	2° 6	1°28	10°16	3°19	T 8
W 9	19 7 48	17°11'15	1 <sup>17</sup> 31	6°25	6°23	12°55	27°46	25°18	17°13	21°11	15°11	2° 4	1°25	10°23	3°21	W 9
T 10	19 11 44	18° 8'31	15° 8	8° 7	7°36	13°35	27°48	25°17	17°10	21°10	15°12	2° 3	1°22	10°30	3°22	T 10
F 11	19 15 41	19° 5'46	28°23	9°47	8°49	14°15	27°49	25°15	17° 8	21° 9	15°14	2° 0	1°19	10°37	3°24	F 11
S 12	19 19 37	20° 3'02	11 <sup>17</sup> 17	11°24	10° 3	14°56	27°50	25°13	17° 5	21° 7	15°15	1°58	1°15	10°43	3°25	S 12
S 13	19 23 34	21° 0'17	23°52	12°59	11°16	15°36	27°51	25°12	17° 3	21° 6	15°17	1°56	1°12	10°50	3°26	S 13
M14	19 27 30	21°57'31	6 <sup>17</sup> 10	14°32	12°29	16°16	27°52	25°10	17° 0	21° 5	15°18	1°54	1° 9	10°57	3°27	M14
T 15	19 31 27	22°54'45	18°14	16° 3	13°42	16°57	27°53	25° 9	16°58	21° 3	15°20	1°D53	1° 6	11° 3	3°29	T 15
W16	19 35 24	23°51'59	0 <sup>17</sup> 10	17°31	14°55	17°37	27°53	25° 7	16°55	21° 2	15°21	1°53	1° 3	11°10	3°30	W16
T 17	19 39 20	24°49'13	12° 2	18°58	16° 9	18°17	27°R53	25° 6	16°53	21° 0	15°23	1°54	0°59	11°17	3°31	T 17
F 18	19 43 17	25°46'27	23°54	20°21	17°22	18°57	27°53	25° 5	16°51	20°59	15°24	1°56	0°56	11°23	3°32	F 18
S 19	19 47 13	26°43'40	5 <sup>17</sup> 52	21°43	18°35	19°37	27°53	25° 4	16°48	20°58	15°26	1°57	0°53	11°30	3°33	S 19
S 20	19 51 10	27°40'53	17°59	23° 2	19°48	20°17	27°52	25° 3	16°46	20°56	15°27	1°59	0°50	11°37	3°34	S 20
M21	19 55 6	28°38'06	0 <sup>17</sup> 18	24°18	21° 1	20°57	27°52	25° 2	16°44	20°55	15°29	1°R59	0°47	11°43	3°35	M21
T 22	19 59 3	29°35'20	12°53	25°33	22°14	21°37	27°51	25° 2	16°41	20°53	15°30	1°59	0°44	11°50	3°35	T 22
W23	20 3 0	0 <sup>17</sup> 32'33	25°45	26°44	23°27	22°17	27°50	25° 1	16°39	20°52	15°31	1°57	0°40	11°57	3°36	W23
T 24	20 6 56	1°29'46	8 <sup>17</sup> 54	27°53	24°40	22°57	27°49	25° 0	16°37	20°50	15°33	1°54	0°37	12° 3	3°37	T 24
F 25	20 10 53	2°27'00	22°20	28°59	25°53	23°37	27°47	25° 0	16°34	20°49	15°34	1°50	0°34	12°10	3°38	F 25
S 26	20 14 49	3°24'14	5 <sup>17</sup> 59	0 <sup>17</sup> 3	27° 6	24°16	27°46	25° 0	16°32	20°47	15°36	1°45	0°31	12°17	3°38	S 26
S 27	20 18 46	4°21'29	19°51	1° 3	28°19	24°56	27°44	24°59	16°30	20°46	15°37	1°41	0°28	12°24	3°39	S 27
M28	20 22 42	5°18'44	3 <sup>17</sup> 52	2° 1	29°32	25°36	27°42	24°59	16°27	20°44	15°39	1°37	0°24	12°30	3°39	M28
T 29	20 26 39	6°15'59	18° 0	2°55	0 <sup>17</sup> 45	26°16	27°40	24°D59	16°25	20°42	15°40	1°34	0°21	12°37	3°40	T 29
W30	20 30 35	7°13'16	2 <sup>17</sup> 10	3°46	1°57	26°55	27°38	24°59	16°23	20°41	15°41	1°D33	0°18	12°44	3°40	W30
T 31	20 34 32	8 <sup>17</sup> 10'33	16 <sup>17</sup> 22	4 <sup>17</sup> 34	3 <sup>17</sup> 10	27°535	27 <sup>17</sup> 35	24 <sup>17</sup> 59	16 <sup>17</sup> 21	20 <sup>17</sup> 39	15 <sup>17</sup> 43	1 <sup>17</sup> 33	0 <sup>17</sup> 15	12 <sup>17</sup> 50	3 <sup>17</sup> 40	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	23n 1	7n37	5n16	23n30	1n53	22n 1	1n17	23n53	0n44	2s 4	1s 9	16s51	2n18	22s37	0s24	T 1
W 2	22 56	12 52	4 59	23 12	1 55	21 48	1 18	23 51	0 45	2 3	1 10	16 51	2 18	22 37	0 24	W 2
T 3	22 52	17 28	4 25	22 52	1 55	21 35	1 20	23 49	0 45	2 2	1 10	16 50	2 18	22 37	0 24	T 3
F 4	22 47	21 5	3 33	22 30	1 56	21 21	1 21	23 46	0 46	2 2	1 10	16 50	2 18	22 38	0 24	F 4
S 5	22 41	23 22	2 27	22 7	1 55	21 6	1 23	23 44	0 46	2 1	1 11	16 50	2 18	22 38	0 24	S 5
S 6	22 35	24 6	1 12	21 42	1 54	20 50	1 24	23 41	0 47	2 0	1 11	16 49	2 17	22 38	0 24	S 6
M 7	22 29	23 12	0s 7	21 15	1 52	20 35	1 25	23 38	0 47	2 0	1 11	16 49	2 17	22 39	0 25	M 7
T 8	22 22	20 48	1 25	20 48	1 49	20 18	1 26	23 35	0 48	1 59	1 11	16 49	2 17	22 39	0 25	T 8
W 9	22 15	17 13	2 36	20 19	1 46	20 1	1 27	23 32	0 48	1 59	1 12	16 49	2 17	22 39	0 25	W 9
T 10	22 8	12 48	3 36	19 49	1 42	19 43	1 28	23 28	0 48	1 59	1 12	16 48	2 16	22 40	0 25	T 10
F 11	22 0	7 53	4 23	19 18	1 38	19 25	1 29	23 24	0 49	1 58	1 12	16 48	2 16	22 40	0 25	F 11
S 12	21 52	2 45	4 55	18 47	1 33	19 7	1 30	23 20	0 49	1 58	1 13	16 48	2 16	22 40	0 25	S 12
S 13	21 43	2s21	5 12	18 15	1 27	18 47	1 31	23 16	0 50	1 58	1 13	16 48	2 16	22 41	0 25	S 13
M14	21 34	7 15	5 14	17 42	1 21	18 28	1 32	23 12	0 50	1 58	1 13	16 48	2 15	22 41	0 25	M14
T 15	21 25	11 47	5 3	17 9	1 14	18 8	1 32	23 7	0 51	1 58	1 13	16 48	2 15	22 41	0 25	T 15
W16	21 15	15 49	4 38	16 35	1 7	17 47	1 33	23 2	0 51	1 58	1 14	16 48	2 15	22 42	0 25	W16
T 17	21 5	19 13	4 1	16 1	0 59	17 26	1 33	22 57	0 51	1 58	1 14	16 48	2 15	22 42	0 25	T 17
F 18	20 55	21 49	3 14	15 27	0 51	17 4	1 34	22 52	0 52	1 59	1 14	16 48	2 14	22 42	0 25	F 18
S 19	20 44	23 29	2 19	14 53	0 42	16 42	1 34	22 47	0 52	1 59	1 15	16 48	2 14	22 42	0 25	S 19
S 20	20 33	24 5	1 16	14 18	0 33	16 19	1 35	22 42	0 53	1 59	1 15	16 48	2 14	22 43	0 25	S 20
M21	20 22	23 30	0 9	13 44	0 23	15 56	1 35	22 36	0 53	2 0	1 15	16 48	2 14	22 43	0 25	M21
T 22	20 10	21 45	0n59	13 10	0 13	15 33	1 35	22 30	0 53	2 0	1 16	16 48	2 13	22 43	0 25	T 22
W23	19 58	18 51	2 7	12 36	0 3	15 9	1 35	22 24	0 54	2 1	1 16	16 48	2 13	22 44	0 25	W23
T 24	19 45	14 56	3 8	12 2	0s 8	14 45	1 35	22 18	0 54	2 2	1 16	16 48	2 13	22 44	0 25	T 24
F 25	19 33	10 13	4 1	11 29	0 19	14 21	1 35	22 12	0 55	2 3	1 16	16 48	2 13	22 44	0 25	F 25
S 26	19 19	4 55	4 41	10 56	0 30	13 56	1 35	22 5	0 55	2 4	1 17	16 48	2 12	22 44	0 25	S 26
S 27	19 6	0n41	5 5	10 24	0 42	13 30	1 35	21 58	0 55	2 5	1 17	16 48	2 12	22 45	0 25	S 27
M28	18 52	6 18	5 11	9 53	0 54	13 5	1 35	21 51	0 56	2 6	1 17	16 49	2 12	22 45	0 25	M28
T 29	18 38	11 38	4 59	9 22	1 6	12 39	1 35	21 44	0 56	2 7	1 18	16 49	2 12	22 45	0 25	T 29
W30	18 24	16 23	4 28	8 52	1 19	12 12	1 34	21 37	0 56	2 8	1 18	16 49	2 11	22 46	0 25	W30
T 31	18n 9	20n12	3n41	8n23	1s32	11n46	1n34	21n30	0n57	2s 9	1s18	16s49	2n11	22s46	0s25	T 31

Julian Day Number = 2693516.5, Delta T = 24m28s

Ecliptic obliquity = 23°21'12, Nutation = 0°00'18

Ayanamsha: Fagan/Bradley = 34°00'28, Lahiri = 33°07'28

# ASTRODIENST EPHEMERIS for the year 2662

AUGUST 2662

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	20 38 29	9♌ 7°51	0♏ 33	5♍ 19	4♍ 23	28♌ 14	27°R32	25♌ 0	16°R18	20°R38	15♌ 44	1♌ 34	0♌ 12	12♌ 57	3♌ 41	F 1
S 2	20 42 25	10° 5'10	14°41	6° 0	5°36	28°54	27°K30	25° 0	16°Z16	20°K36	15°45	1°35	0° 9	13° 4	3°41	S 2
S 3	20 46 22	11° 2'29	28°45	6°37	6°49	29°34	27°26	25° 0	16°14	20°35	15°47	1°R36	0° 5	13°10	3°41	S 3
M 4	20 50 18	11°59'50	12♌ 42	7°10	8° 2	0♏ 13	27°23	25° 1	16°12	20°33	15°48	1°35	0° 2	13°17	3°41	M 4
T 5	20 54 15	12°57'11	26°30	7°39	9°14	0°53	27°20	25° 1	16°10	20°31	15°50	1°33	29°K59	13°24	3°41	T 5
W 6	20 58 11	13°54'32	10♌ 6	8° 3	10°27	1°32	27°16	25° 2	16° 8	20°30	15°51	1°29	29°56	13°30	3°R42	W 6
T 7	21 2 8	14°51'55	23°27	8°24	11°40	2°11	27°12	25° 3	16° 6	20°28	15°52	1°23	29°53	13°37	3°42	T 7
F 8	21 6 4	15°49'18	6♍ 32	8°39	12°52	2°51	27° 8	25° 4	16° 4	20°26	15°54	1°16	29°50	13°44	3°41	F 8
S 9	21 10 1	16°46'41	19°20	8°50	14° 5	3°30	27° 4	25° 5	16° 2	20°25	15°55	1° 8	29°46	13°50	3°41	S 9
S 10	21 13 58	17°44'05	1♌ 51	8°56	15°18	4° 9	27° 0	25° 6	16° 0	20°23	15°56	1° 0	29°43	13°57	3°41	S 10
M11	21 17 54	18°41'30	14° 7	8°R57	16°30	4°48	26°55	25° 7	15°58	20°22	15°57	0°54	29°40	14° 4	3°41	M11
T 12	21 21 51	19°38'55	26°11	8°53	17°43	5°28	26°50	25° 9	15°56	20°20	15°59	0°49	29°37	14°11	3°41	T 12
W13	21 25 47	20°36'21	8♌ 6	8°43	18°56	6° 7	26°46	25°10	15°54	20°18	16° 0	0°46	29°34	14°17	3°40	W13
T 14	21 29 44	21°33'47	19°57	8°28	20° 8	6°46	26°41	25°12	15°52	20°17	16° 1	0°D45	29°30	14°24	3°40	T 14
F 15	21 33 40	22°31'15	1♌ 48	8° 9	21°21	7°25	26°35	25°13	15°51	20°15	16° 2	0°46	29°27	14°31	3°40	F 15
S 16	21 37 37	23°28'42	13°46	7°44	22°33	8° 4	26°30	25°15	15°49	20°13	16° 4	0°47	29°24	14°37	3°39	S 16
S 17	21 41 33	24°26'11	25°55	7°14	23°45	8°43	26°25	25°17	15°47	20°12	16° 5	0°R48	29°21	14°44	3°39	S 17
M18	21 45 30	25°23'40	8♌ 20	6°40	24°58	9°22	26°19	25°19	15°45	20°10	16° 6	0°47	29°18	14°51	3°38	M18
T 19	21 49 27	26°21'10	21° 4	6° 1	26°10	10° 1	26°13	25°21	15°44	20° 9	16° 7	0°45	29°15	14°57	3°37	T 19
W20	21 53 23	27°18'41	4♌ 10	5°20	27°23	10°40	26° 7	25°23	15°42	20° 7	16° 8	0°41	29°11	15° 4	3°37	W20
T 21	21 57 20	28°16'13	17°38	4°34	28°35	11°19	26° 1	25°25	15°40	20° 5	16°10	0°35	29° 8	15°11	3°36	T 21
F 22	22 1 16	29°13'46	1♌ 27	3°47	29°47	11°58	25°55	25°27	15°39	20° 4	16°11	0°27	29° 5	15°17	3°35	F 22
S 23	22 5 13	0♍ 11'20	15°34	2°58	0♌ 59	12°37	25°49	25°29	15°37	20° 2	16°12	0°17	29° 2	15°24	3°34	S 23
S 24	22 9 9	1° 8'55	29°53	2° 9	2°12	13°16	25°42	25°32	15°36	20° 1	16°13	0° 8	28°59	15°31	3°33	S 24
M25	22 13 6	2° 6'31	14°Y19	1°19	3°24	13°54	25°36	25°34	15°35	19°59	16°14	29°K59	28°56	15°37	3°32	M25
T 26	22 17 2	3° 4'09	28°46	0°31	4°36	14°33	25°29	25°37	15°33	19°57	16°15	29°53	28°52	15°44	3°31	T 26
W27	22 20 59	4° 1'48	13♌ 8	29°Q46	5°48	15°12	25°22	25°40	15°32	19°56	16°16	29°50	28°49	15°51	3°30	W27
T 28	22 24 55	4°59'29	27°23	29° 3	7° 0	15°50	25°15	25°43	15°30	19°54	16°17	29°D48	28°46	15°57	3°29	T 28
F 29	22 28 52	5°57'11	11♏ 28	28°24	8°12	16°29	25° 8	25°45	15°29	19°53	16°18	29°D48	28°43	16° 4	3°28	F 29
S 30	22 32 49	6°54'55	25°23	27°51	9°24	17° 8	25° 1	25°48	15°28	19°51	16°19	29°R48	28°40	16°11	3°27	S 30
S 31	22 36 45	7♍ 52'41	9♌ 8	27°Q23	10♌ 36	17°Q46	24°K54	25♌ 52	15°Z27	19°K50	16°Q20	29°K48	28°K36	16♌ 18	3♌ 26	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	17n54	22n49	2n41	7n55	1s44	11n19	1n33	21n22	0n57	2s10	1s18	16s50	2n11	22s46	0s25	14s36
S 2	17 39	23 59	1 31	7 28	1 57	10 52	1 33	21 15	0 58	2 12	1 19	16 50	2 11	22 46	0 25	14 36
S 3	17 24	23 36	0 15	7 2	2 11	10 24	1 32	21 7	0 58	2 13	1 19	16 50	2 10	22 47	0 25	14 37
M 4	17 8	21 45	1s 0	6 38	2 24	9 56	1 31	20 59	0 58	2 15	1 19	16 51	2 10	22 47	0 25	14 37
T 5	16 52	18 38	2 11	6 15	2 37	9 28	1 30	20 51	0 59	2 16	1 19	16 51	2 10	22 47	0 25	14 38
W 6	16 36	14 33	3 13	5 53	2 50	9 0	1 29	20 42	0 59	2 18	1 20	16 52	2 10	22 47	0 25	14 38
T 7	16 19	9 49	4 4	5 34	3 3	8 32	1 28	20 34	0 59	2 20	1 20	16 52	2 9	22 48	0 25	14 39
F 8	16 2	4 44	4 40	5 16	3 15	8 3	1 27	20 25	1 0	2 22	1 20	16 53	2 9	22 48	0 25	14 39
S 9	15 45	0s25	5 1	5 1	3 28	7 34	1 26	20 16	1 0	2 24	1 21	16 53	2 9	22 48	0 25	14 40
S 10	15 28	5 27	5 8	4 47	3 40	7 5	1 25	20 8	1 0	2 26	1 21	16 54	2 8	22 48	0 25	14 40
M11	15 10	10 9	5 0	4 36	3 52	6 36	1 24	19 59	1 1	2 28	1 21	16 54	2 8	22 49	0 25	14 41
T 12	14 52	14 24	4 39	4 28	4 3	6 6	1 22	19 49	1 1	2 30	1 21	16 55	2 8	22 49	0 25	14 42
W13	14 34	18 1	4 5	4 22	4 13	5 37	1 21	19 40	1 1	2 32	1 22	16 55	2 8	22 49	0 25	14 42
T 14	14 16	20 54	3 22	4 18	4 22	5 7	1 19	19 31	1 2	2 34	1 22	16 56	2 7	22 49	0 25	14 43
F 15	13 57	22 53	2 30	4 18	4 31	4 37	1 18	19 21	1 2	2 36	1 22	16 56	2 7	22 49	0 25	14 43
S 16	13 39	23 52	1 30	4 20	4 38	4 7	1 16	19 11	1 2	2 39	1 22	16 57	2 7	22 50	0 25	14 44
S 17	13 20	23 44	0 26	4 25	4 45	3 37	1 15	19 1	1 3	2 41	1 22	16 58	2 7	22 50	0 25	14 44
M18	13 1	22 25	0n40	4 33	4 49	3 7	1 13	18 51	1 3	2 43	1 23	16 59	2 6	22 50	0 25	14 45
T 19	12 41	19 57	1 47	4 44	4 53	2 36	1 11	18 41	1 3	2 46	1 23	16 59	2 6	22 50	0 25	14 45
W20	12 22	16 25	2 49	4 57	4 54	2 6	1 9	18 31	1 4	2 49	1 23	17 0	2 6	22 50	0 25	14 46
T 21	12 2	11 57	3 43	5 13	4 54	1 35	1 7	18 21	1 4	2 51	1 23	17 1	2 6	22 51	0 25	14 46
F 22	11 42	6 46	4 26	5 32	4 53	1 5	1 5	18 10	1 4	2 54	1 24	17 1	2 5	22 51	0 25	14 47
S 23	11 22	1 9	4 54	5 53	4 49	0 34	1 3	18 0	1 5	2 56	1 24	17 2	2 5	22 51	0 25	14 47
S 24	11 2	4n36	5 4	6 15	4 43	0 4	1 1	17 49	1 5	2 59	1 24	17 3	2 5	22 51	0 25	14 48
M25	10 41	10 9	4 55	6 40	4 36	0s27	0 58	17 38	1 5	3 2	1 24	17 4	2 5	22 51	0 25	14 48
T 26	10 21	15 9	4 27	7 5	4 27	0 58	0 56	17 27	1 5	3 5	1 24	17 5	2 4	22 51	0 25	14 49
W27	10 0	19 15	3 42	7 31	4 16	1 28	0 54	17 16	1 6	3 8	1 25	17 6	2 4	22 52	0 25	14 49
T 28	9 39	22 10	2 44	7 57	4 3	1 59	0 51	17 5	1 6	3 11	1 25	17 7	2 4	22 52	0 24	14 50
F 29	9 18	23 40	1 36	8 24	3 50	2 30	0 49	16 54	1 6	3 13	1 25	17 7	2 4	22 52	0 24	14 50
S 30	8 56	23 40	0 24	8 49	3 34	3 0	0 46	16 42	1 7	3 16	1 25	17 8	2 3	22 52	0 24	14 51
S 31	8n35	22n13	0s49	9n14	3s18	3s31	0n44	16n31	1n 7	3s19	1s25	17s 9	2n 3	22s52	0s24	14s51

Julian Day Number = 2693547.5, Delta T = 24m29s  
Ecliptic obliquity = 23°21'12, Nutation = 0°00'18  
Ayanamsha: Fagan/Bradley = 34°00'32, Lahiri = 33°07'32



## ASTRODIENST EPHEMERIS for the year 2662

OCTOBER 2662

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	0 38 58	7♂55'48	28♂58	3♂19	17♂26	7♂29	20°R55	28♂ 6	15♂14	19°R10	16♂42	26°R43	26♂58	19♂44	2°R27	W 1
T 2	0 42 55	8°54'27	11♂39	5°11	18°37	8° 6	20♂48	28°11	15°14	19°R 9	16°42	26♂33	26°55	19°51	2♂24	T 2
F 3	0 46 51	9°53'08	24°10	7° 2	19°47	8°44	20°41	28°17	15°14	19° 8	16°42	26°21	26°52	19°58	2°22	F 3
S 4	0 50 48	10°51'51	6♂31	8°52	20°57	9°22	20°34	28°23	15°15	19° 8	16°43	26° 7	26°48	20° 4	2°20	S 4
S 5	0 54 44	11°50'36	18°42	10°42	22° 8	9°59	20°27	28°28	15°15	19° 7	16°43	25°54	26°45	20°11	2°17	S 5
M 6	0 58 41	12°49'23	0♂44	12°31	23°18	10°37	20°20	28°34	15°16	19° 6	16°43	25°42	26°42	20°18	2°14	M 6
T 7	1 2 38	13°48'11	12°38	14°19	24°28	11°14	20°13	28°40	15°17	19° 5	16°44	25°33	26°39	20°24	2°12	T 7
W 8	1 6 34	14°47'02	24°27	16° 6	25°38	11°52	20° 7	28°45	15°17	19° 4	16°44	25°26	26°36	20°31	2° 9	W 8
T 9	1 10 31	15°45'54	6♂14	17°52	26°48	12°29	20° 0	28°51	15°18	19° 4	16°44	25°21	26°33	20°38	2° 7	T 9
F 10	1 14 27	16°44'48	18° 2	19°37	27°58	13° 7	19°54	28°57	15°19	19° 3	16°44	25°20	26°29	20°45	2° 4	F 10
S 11	1 18 24	17°43'44	29°56	21°21	29° 8	13°44	19°48	29° 3	15°20	19° 2	16°44	25°D20	26°26	20°51	2° 2	S 11
S 12	1 22 20	18°42'42	12♂ 1	23° 5	0♂18	14°22	19°42	29° 9	15°21	19° 2	16°44	25°20	26°23	20°58	1°59	S 12
M13	1 26 17	19°41'41	24°23	24°47	1°28	14°59	19°36	29°15	15°22	19° 1	16°45	25°R20	26°20	21° 5	1°56	M13
T 14	1 30 13	20°40'42	7♂ 6	26°29	2°37	15°36	19°30	29°21	15°23	19° 0	16°45	25°19	26°17	21°11	1°54	T 14
W15	1 34 10	21°39'45	20°15	28°10	3°47	16°14	19°25	29°27	15°24	19° 0	16°45	25°15	26°13	21°18	1°51	W15
T 16	1 38 7	22°38'49	3♂53	29°50	4°56	16°51	19°19	29°34	15°25	18°59	16°45	25°10	26°10	21°25	1°48	T 16
F 17	1 42 3	23°37'55	18° 0	1♂29	6° 6	17°28	19°14	29°40	15°26	18°59	16°R45	25° 2	26° 7	21°31	1°45	F 17
S 18	1 46 0	24°37'03	2♂35	3° 8	7°15	18° 5	19° 9	29°46	15°27	18°59	16°45	24°53	26° 4	21°38	1°43	S 18
S 19	1 49 56	25°36'13	17°31	4°46	8°24	18°43	19° 4	29°52	15°28	18°58	16°45	24°43	26° 1	21°45	1°40	S 19
M20	1 53 53	26°35'25	2♂40	6°22	9°33	19°20	18°59	29°59	15°29	18°58	16°45	24°35	25°58	21°51	1°37	M20
T 21	1 57 49	27°34'39	17°50	7°59	10°42	19°57	18°54	0♂ 5	15°31	18°57	16°45	24°28	25°54	21°58	1°35	T 21
W22	2 1 46	28°33'55	2♂53	9°34	11°51	20°34	18°50	0°12	15°32	18°57	16°45	24°24	25°51	22° 5	1°32	W22
T 23	2 5 42	29°33'13	17°41	11° 9	13° 0	21°11	18°46	0°18	15°34	18°57	16°44	24°D22	25°48	22°11	1°29	T 23
F 24	2 9 39	0♂32'34	2♂ 6	12°43	14° 9	21°48	18°42	0°25	15°35	18°56	16°44	24°22	25°45	22°18	1°26	F 24
S 25	2 13 36	1°31'57	16° 9	14°16	15°17	22°25	18°38	0°31	15°37	18°56	16°44	24°23	25°42	22°25	1°24	S 25
S 26	2 17 32	2°31'22	29°48	15°49	16°26	23° 2	18°34	0°38	15°38	18°56	16°44	24°R24	25°39	22°31	1°21	S 26
M27	2 21 29	3°30'49	13♂ 4	17°21	17°34	23°39	18°30	0°45	15°40	18°56	16°44	24°24	25°35	22°38	1°18	M27
T 28	2 25 25	4°30'19	26° 2	18°52	18°42	24°16	18°27	0°51	15°42	18°56	16°43	24°21	25°32	22°45	1°15	T 28
W29	2 29 22	5°29'51	8♂43	20°23	19°50	24°53	18°24	0°58	15°43	18°56	16°43	24°17	25°29	22°51	1°13	W29
T 30	2 33 18	6°29'25	21°11	21°53	20°58	25°30	18°21	1° 5	15°45	18°56	16°43	24°10	25°26	22°58	1°10	T 30
F 31	2 37 15	7♂29'01	3♂28	23♂22	22♂ 6	26♂ 7	18♂18	1♂11	15♂47	18°D56	16♂43	24♂ 2	25♂23	23♂ 5	1♂ 7	F 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	3s 8	7n37	4s27	0n15	1n42	17s55	0s59	9n53	1n15	4s55	1s27	17s46	1n57	22s53	0s24	15s 4
T 2	3 31	2 41	4 51	0s32	1 39	18 18	1 2	9 40	1 15	4 58	1 27	17 48	1 56	22 53	0 24	15 4
F 3	3 54	2s18	5 1	1 19	1 36	18 41	1 6	9 26	1 15	5 1	1 27	17 49	1 56	22 53	0 24	15 4
S 4	4 17	7 6	4 56	2 6	1 32	19 3	1 10	9 12	1 15	5 4	1 27	17 50	1 56	22 53	0 24	15 5
S 5	4 40	11 35	4 38	2 53	1 27	19 25	1 13	8 58	1 16	5 6	1 27	17 52	1 56	22 53	0 24	15 5
M 6	5 3	15 33	4 7	3 39	1 23	19 46	1 17	8 44	1 16	5 9	1 27	17 53	1 56	22 53	0 24	15 5
T 7	5 26	18 51	3 26	4 26	1 18	20 7	1 20	8 30	1 16	5 11	1 27	17 55	1 56	22 53	0 24	15 5
W 8	5 48	21 21	2 36	5 12	1 12	20 28	1 24	8 16	1 16	5 14	1 27	17 56	1 55	22 53	0 24	15 6
T 9	6 11	22 55	1 40	5 57	1 7	20 48	1 28	8 2	1 16	5 16	1 26	17 57	1 55	22 53	0 24	15 6
F 10	6 34	23 28	0 39	6 42	1 1	21 7	1 31	7 47	1 17	5 19	1 26	17 59	1 55	22 53	0 24	15 6
S 11	6 56	22 57	0n25	7 27	0 55	21 26	1 35	7 33	1 17	5 21	1 26	18 0	1 55	22 52	0 24	15 6
S 12	7 18	21 21	1 28	8 11	0 49	21 44	1 38	7 19	1 17	5 23	1 26	18 2	1 55	22 52	0 24	15 7
M13	7 41	18 44	2 29	8 55	0 42	22 2	1 42	7 5	1 17	5 25	1 26	18 3	1 55	22 52	0 24	15 7
T 14	8 3	15 9	3 24	9 38	0 36	22 20	1 45	6 51	1 17	5 28	1 26	18 5	1 54	22 52	0 24	15 7
W15	8 25	10 44	4 10	10 20	0 29	22 37	1 49	6 36	1 17	5 30	1 26	18 6	1 54	22 52	0 24	15 7
T 16	8 47	5 38	4 44	11 2	0 22	22 53	1 52	6 22	1 18	5 32	1 26	18 7	1 54	22 52	0 24	15 7
F 17	9 9	0 5	5 2	11 43	0 15	23 9	1 55	6 8	1 18	5 34	1 26	18 9	1 54	22 52	0 24	15 7
S 18	9 30	5n39	5 2	12 23	0 9	23 24	1 59	5 53	1 18	5 35	1 25	18 10	1 54	22 51	0 24	15 8
S 19	9 52	11 11	4 41	13 2	0 2	23 38	2 2	5 39	1 18	5 37	1 25	18 12	1 54	22 51	0 24	15 8
M20	10 13	16 7	4 1	13 41	0s 5	23 52	2 5	5 25	1 18	5 39	1 25	18 13	1 54	22 51	0 24	15 8
T 21	10 34	20 1	3 3	14 19	0 12	24 5	2 9	5 10	1 19	5 41	1 25	18 15	1 54	22 51	0 24	15 8
W22	10 56	22 30	1 53	14 56	0 19	24 18	2 12	4 56	1 19	5 42	1 25	18 16	1 53	22 51	0 24	15 8
T 23	11 17	23 23	0 36	15 32	0 26	24 30	2 15	4 42	1 19	5 44	1 25	18 18	1 53	22 51	0 24	15 8
F 24	11 37	22 39	0s42	16 8	0 33	24 42	2 18	4 27	1 19	5 45	1 24	18 19	1 53	22 50	0 24	15 8
S 25	11 58	20 29	1 54	16 42	0 40	24 53	2 21	4 13	1 19	5 47	1 24	18 21	1 53	22 50	0 24	15 8
S 26	12 18	17 12	2 59	17 16	0 47	25 3	2 24	3 58	1 19	5 48	1 24	18 22	1 53	22 50	0 24	15 8
M27	12 39	13 8	3 52	17 49	0 54	25 12	2 27	3 44	1 20	5 49	1 24	18 24	1 53	22 50	0 24	15 8
T 28	12 59	8 32	4 31	18 21	1 1	25 21	2 29	3 29	1 20	5 50	1 24	18 25	1 53	22 50	0 24	15 9
W29	13 18	3 41	4 57	18 52	1 7	25 30	2 32	3 15	1 20	5 51	1 24	18 27	1 53	22 49	0 24	15 9
T 30	13 38	1s14	5 7	19 22	1 14	25 37	2 35	3 0	1 20	5 52	1 23	18 28	1 52	22 49	0 24	15 9
F 31	13s58	6s 1	5s 4	19s51	1s20	25s44	2s37	2n46	1n20	5s53	1s23	18s30	1n52	22s49	0s24	15s 9

Julian Day Number = 2693608.5, Delta T = 24m29s

Ecliptic obliquity = 23°21'12, Nutation = 0°00'17

Ayanamsha: Fagan/Bradley = 34°00'41, Lahiri = 33°07'40

## ASTRODIENST EPHEMERIS for the year 2662

NOVEMBER 2662

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 41 11	8♉28°39	15♊35	24♉51	23♊14	26♉44	18°R16	1♊18	15♊49	18♊56	16°R42	23°R53	25♊19	23♉11	1°R 4	S 1
S 2	2 45 8	9°28'20	27°36	26°19	24°22	27°20	18♉13	1°25	15°51	18°56	16♊42	23♊44	25°16	23°18	1♊2	S 2
M 3	2 49 5	10°28'02	9♉30	27°46	25°29	27°57	18°11	1°32	15°52	18°56	16°42	23°37	25°13	23°25	0°59	M 3
T 4	2 53 1	11°27'47	21°20	29°13	26°37	28°34	18° 9	1°39	15°54	18°56	16°41	23°30	25°10	23°31	0°56	T 4
W 5	2 56 58	12°27'33	3♊ 8	0♊39	27°44	29°10	18° 7	1°46	15°56	18°56	16°41	23°26	25° 7	23°38	0°54	W 5
T 6	3 0 54	13°27'22	14°55	2° 5	28°51	29°47	18° 6	1°53	15°59	18°56	16°40	23°24	25° 4	23°45	0°51	T 6
F 7	3 4 51	14°27'12	26°45	3°29	29°58	0♊24	18° 4	2° 0	16° 1	18°56	16°40	23°D24	25° 0	23°51	0°48	F 7
S 8	3 8 47	15°27'03	8♊41	4°53	1♊ 5	1° 0	18° 3	2° 7	16° 3	18°57	16°39	23°24	24°57	23°58	0°46	S 8
S 9	3 12 44	16°26'57	20°48	6°16	2°11	1°37	18° 2	2°14	16° 5	18°57	16°39	23°26	24°54	24° 5	0°43	S 9
M10	3 16 40	17°26'52	3♊ 8	7°38	3°18	2°13	18° 1	2°21	16° 7	18°57	16°38	23°28	24°51	24°11	0°40	M10
T 11	3 20 37	18°26'49	15°48	8°59	4°24	2°50	18° 1	2°28	16°10	18°58	16°38	23°R29	24°48	24°18	0°38	T 11
W12	3 24 34	19°26'47	28°50	10°19	5°30	3°26	18° 1	2°35	16°12	18°58	16°37	23°28	24°44	24°25	0°35	W12
T 13	3 28 30	20°26'47	12♊20	11°38	6°36	4° 3	18°D 0	2°42	16°14	18°58	16°37	23°26	24°41	24°31	0°33	T 13
F 14	3 32 27	21°26'48	26°18	12°56	7°42	4°39	18° 0	2°49	16°17	18°59	16°36	23°23	24°38	24°38	0°30	F 14
S 15	3 36 23	22°26'51	10♊45	14°12	8°47	5°15	18° 1	2°56	16°19	18°59	16°35	23°19	24°35	24°45	0°28	S 15
S 16	3 40 20	23°26'55	25°35	15°27	9°52	5°52	18° 1	3° 3	16°22	19° 0	16°35	23°14	24°32	24°51	0°25	S 16
M17	3 44 16	24°27'02	10♊43	16°40	10°57	6°28	18° 2	3°10	16°24	19° 0	16°34	23°10	24°29	24°58	0°23	M17
T 18	3 48 13	25°27'09	26° 0	17°51	12° 2	7° 4	18° 3	3°17	16°27	19° 1	16°33	23° 7	24°25	25° 5	0°20	T 18
W19	3 52 9	26°27'19	11♊14	19° 1	13° 7	7°40	18° 4	3°25	16°29	19° 2	16°33	23° 5	24°22	25°11	0°18	W19
T 20	3 56 6	27°27'31	26°16	20° 8	14°11	8°16	18° 5	3°32	16°32	19° 2	16°32	23°D 5	24°19	25°18	0°16	T 20
F 21	4 0 3	28°27'44	10♊58	21°12	15°15	8°53	18° 7	3°39	16°35	19° 3	16°31	23° 6	24°16	25°25	0°13	F 21
S 22	4 3 59	29°28'00	25°15	22°14	16°19	9°29	18° 8	3°46	16°37	19° 4	16°30	23° 7	24°13	25°31	0°11	S 22
S 23	4 7 56	0♊28'17	9♉ 5	23°12	17°22	10° 5	18°10	3°53	16°40	19° 4	16°30	23° 9	24°10	25°38	0° 9	S 23
M24	4 11 52	1°28'36	22°29	24° 7	18°25	10°41	18°12	4° 1	16°43	19° 5	16°29	23°10	24° 6	25°45	0° 6	M24
T 25	4 15 49	2°28'57	5♉29	24°58	19°28	11°17	18°15	4° 8	16°46	19° 6	16°28	23°R10	24° 3	25°51	0° 4	T 25
W26	4 19 45	3°29'20	18° 8	25°44	20°31	11°53	18°17	4°15	16°48	19° 7	16°27	23° 9	24° 0	25°58	0° 2	W26
T 27	4 23 42	4°29'45	0♊30	26°25	21°33	12°28	18°20	4°22	16°51	19° 8	16°26	23° 8	23°57	26° 4	29°Y59	T 27
F 28	4 27 38	5°30'12	12°38	27° 0	22°35	13° 4	18°23	4°29	16°54	19° 9	16°26	23° 5	23°54	26°11	29°58	F 28
S 29	4 31 35	6°30'40	24°38	27°29	23°37	13°40	18°26	4°36	16°57	19°10	16°25	23° 3	23°50	26°18	29°56	S 29
S 30	4 35 32	7♊31'10	6♉30	27♊50	24♊38	14♊16	18♉29	4♊44	17♊ 0	19♊11	16♊24	23♊ 0	23♊47	26♉24	29°Y54	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	14s17	10s31	4s46	20s19	1s27	25s51	2s40	2n32	1n20	5s54	1s23	18s31	1n52	22s49	0s24	S 1
S 2	14 36	14 34	4 16	20 46	1 33	25 56	2 42	2 17	1 20	5 55	1 23	18 32	1 52	22 49	0 24	S 2
M 3	14 54	18 0	3 35	21 12	1 39	26 1	2 45	2 3	1 21	5 55	1 23	18 34	1 52	22 48	0 24	M 3
T 4	15 13	20 41	2 45	21 37	1 45	26 5	2 47	1 48	1 21	5 56	1 22	18 35	1 52	22 48	0 24	T 4
W 5	15 31	22 28	1 48	22 1	1 51	26 9	2 49	1 34	1 21	5 57	1 22	18 37	1 52	22 48	0 24	W 5
T 6	15 49	23 16	0 46	22 24	1 56	26 12	2 51	1 19	1 21	5 57	1 22	18 38	1 52	22 48	0 24	T 6
F 7	16 7	23 0	0n18	22 46	2 1	26 14	2 53	1 5	1 21	5 57	1 22	18 40	1 52	22 47	0 24	F 7
S 8	16 25	21 42	1 23	23 6	2 7	26 16	2 55	0 51	1 21	5 58	1 22	18 41	1 52	22 47	0 24	S 8
S 9	16 42	19 23	2 24	23 26	2 11	26 17	2 57	0 36	1 21	5 58	1 21	18 43	1 51	22 47	0 24	S 9
M10	16 59	16 8	3 20	23 45	2 16	26 17	2 58	0 22	1 22	5 58	1 21	18 44	1 51	22 46	0 24	M10
T 11	17 15	12 6	4 8	24 2	2 20	26 17	3 0	0 8	1 22	5 58	1 21	18 46	1 51	22 46	0 24	T 11
W12	17 32	7 23	4 45	24 18	2 25	26 16	3 1	0s 7	1 22	5 58	1 21	18 47	1 51	22 46	0 24	W12
T 13	17 48	2 10	5 7	24 33	2 28	26 14	3 3	0 21	1 22	5 58	1 21	18 48	1 51	22 46	0 24	T 13
F 14	18 4	3n19	5 13	24 46	2 32	26 12	3 4	0 35	1 22	5 58	1 20	18 50	1 51	22 45	0 24	F 14
S 15	18 19	8 49	4 59	24 59	2 35	26 9	3 5	0 49	1 22	5 57	1 20	18 51	1 51	22 45	0 24	S 15
S 16	18 34	13 58	4 25	25 10	2 37	26 5	3 6	1 4	1 22	5 57	1 20	18 53	1 51	22 45	0 24	S 16
M17	18 49	18 21	3 32	25 20	2 39	26 1	3 7	1 18	1 22	5 56	1 20	18 54	1 51	22 44	0 24	M17
T 18	19 3	21 30	2 23	25 28	2 41	25 56	3 8	1 32	1 23	5 56	1 20	18 56	1 51	22 44	0 24	T 18
W19	19 17	23 7	1 5	25 36	2 42	25 50	3 8	1 46	1 23	5 55	1 19	18 57	1 51	22 44	0 24	W19
T 20	19 31	23 1	0s17	25 42	2 43	25 44	3 9	2 0	1 23	5 55	1 19	18 58	1 51	22 43	0 24	T 20
F 21	19 45	21 18	1 37	25 46	2 43	25 37	3 9	2 14	1 23	5 54	1 19	19 0	1 51	22 43	0 24	F 21
S 22	19 58	18 15	2 48	25 49	2 42	25 30	3 9	2 28	1 23	5 53	1 19	19 1	1 51	22 43	0 24	S 22
S 23	20 11	14 16	3 47	25 51	2 41	25 22	3 10	2 42	1 23	5 52	1 18	19 2	1 50	22 42	0 24	S 23
M24	20 23	9 41	4 32	25 52	2 39	25 13	3 9	2 56	1 23	5 51	1 18	19 4	1 50	22 42	0 24	M24
T 25	20 35	4 48	5 1	25 51	2 35	25 4	3 9	3 10	1 23	5 50	1 18	19 5	1 50	22 42	0 24	T 25
W26	20 47	0s 9	5 15	25 49	2 32	24 54	3 9	3 24	1 23	5 49	1 18	19 7	1 50	22 41	0 24	W26
T 27	20 58	4 59	5 13	25 45	2 27	24 44	3 8	3 38	1 23	5 47	1 18	19 8	1 50	22 41	0 24	T 27
F 28	21 9	9 33	4 58	25 40	2 21	24 33	3 8	3 52	1 23	5 46	1 17	19 9	1 50	22 41	0 24	F 28
S 29	21 19	13 41	4 29	25 33	2 13	24 22	3 7	4 5	1 24	5 45	1 17	19 11	1 50	22 40	0 24	S 29
S 30	21s29	17s15	3s50	25s25	2s 5	24s10	3s 6	4s19	1n24	5s43	1s17	19s12	1n50	22s40	0s23	S 30

Julian Day Number = 2693639.5, Delta T = 24m30s

Ecliptic obliquity = 23°21'11", Nutation = 0°00'16"

Ayanamsha: Fagan/Bradley = 34°00'45", Lahiri = 33°07'45"

## ASTRODIENST EPHEMERIS for the year 2662

DECEMBER 2662

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	4 39 28	8°31'42	18°20	28°4	25°39	14°52	18°32	4°51	17°3	19°12	16°23	22°R58	23°44	26°31	29°R52	M 1
T 2	4 43 25	9°32'16	0°8	28°R 9	26°40	15°27	18°36	4°58	17°6	19°13	16°22	22°56	23°41	26°38	29°V50	T 2
W 3	4 47 21	10°32'51	11°57	28°4	27°40	16°3	18°40	5°5	17°9	19°14	16°21	22°55	23°38	26°44	29°48	W 3
T 4	4 51 18	11°33'27	23°49	27°49	28°40	16°38	18°44	5°12	17°12	19°15	16°20	22°D55	23°35	26°51	29°46	T 4
F 5	4 55 14	12°34'05	5°47	27°24	29°40	17°14	18°48	5°20	17°15	19°16	16°19	22°55	23°31	26°58	29°44	F 5
S 6	4 59 11	13°34'44	17°51	26°48	0°39	17°49	18°53	5°27	17°18	19°17	16°18	22°56	23°28	27°4	29°42	S 6
S 7	5 3 7	14°35'24	0°6	26°1	1°37	18°25	18°57	5°34	17°22	19°18	16°17	22°57	23°25	27°11	29°40	S 7
M 8	5 7 4	15°36'06	12°33	25°4	2°35	19°0	19°2	5°41	17°25	19°20	16°16	22°57	23°22	27°18	29°39	M 8
T 9	5 11 1	16°36'48	25°16	23°57	3°33	19°36	19°7	5°48	17°28	19°21	16°15	22°58	23°19	27°24	29°37	T 9
W10	5 14 57	17°37'32	8°17	22°44	4°30	20°11	19°12	5°55	17°31	19°22	16°14	22°58	23°16	27°31	29°35	W10
T 11	5 18 54	18°38'16	21°40	21°24	5°27	20°46	19°18	6°2	17°34	19°23	16°13	22°R59	23°12	27°38	29°34	T 11
F 12	5 22 50	19°39'01	5°V26	20°2	6°23	21°21	19°23	6°9	17°38	19°25	16°12	22°58	23°9	27°44	29°32	F 12
S 13	5 26 47	20°39'47	19°35	18°40	7°18	21°56	19°29	6°16	17°41	19°26	16°11	22°58	23°6	27°51	29°31	S 13
S 14	5 30 43	21°40'34	4°8	17°20	8°13	22°31	19°35	6°23	17°44	19°28	16°10	22°58	23°3	27°58	29°29	S 14
M15	5 34 40	22°41'22	18°58	16°5	9°7	23°6	19°41	6°30	17°48	19°29	16°9	22°D58	23°0	28°4	29°28	M15
T 16	5 38 36	23°42'11	4°II 1	14°58	10°1	23°41	19°47	6°37	17°51	19°30	16°8	22°58	22°56	28°11	29°26	T 16
W17	5 42 33	24°43'01	19°7	13°59	10°54	24°16	19°53	6°44	17°54	19°32	16°6	22°R58	22°53	28°18	29°25	W17
T 18	5 46 30	25°43'52	4°9	13°12	11°46	24°51	20°0	6°51	17°58	19°33	16°5	22°58	22°50	28°24	29°24	T 18
F 19	5 50 26	26°44'44	18°56	12°35	12°38	25°26	20°7	6°58	18°1	19°35	16°4	22°58	22°47	28°31	29°23	F 19
S 20	5 54 23	27°45'37	3°Q23	12°10	13°28	26°1	20°14	7°5	18°5	19°36	16°3	22°57	22°44	28°38	29°22	S 20
S 21	5 58 19	28°46'31	17°25	11°56	14°18	26°35	20°21	7°12	18°8	19°38	16°2	22°57	22°41	28°44	29°20	S 21
M22	6 2 16	29°47'26	0°M59	11°D53	15°7	27°10	20°28	7°19	18°11	19°40	16°1	22°56	22°37	28°51	29°19	M22
T 23	6 6 12	0°348'23	14°7	12°0	15°56	27°45	20°35	7°26	18°15	19°41	16°0	22°55	22°34	28°58	29°18	T 23
W24	6 10 9	1°49'20	26°51	12°16	16°43	28°19	20°43	7°33	18°18	19°43	15°58	22°D55	22°31	29°4	29°17	W24
T 25	6 14 6	2°50'19	9°14	12°41	17°30	28°53	20°50	7°39	18°22	19°45	15°57	22°55	22°28	29°11	29°17	T 25
F 26	6 18 2	3°51'18	21°22	13°13	18°15	29°28	20°58	7°46	18°25	19°46	15°56	22°55	22°25	29°18	29°16	F 26
S 27	6 21 59	4°52'19	3°M18	13°53	19°0	0°M2	21°6	7°53	18°29	19°48	15°55	22°56	22°22	29°24	29°15	S 27
S 28	6 25 55	5°53'20	15°8	14°38	19°43	0°36	21°14	7°59	18°32	19°50	15°54	22°58	22°18	29°31	29°14	S 28
M29	6 29 52	6°54'23	26°55	15°29	20°26	1°11	21°23	8°6	18°36	19°52	15°52	22°59	22°15	29°38	29°14	M29
T 30	6 33 48	7°55'26	8°X43	16°24	21°7	1°45	21°31	8°13	18°40	19°53	15°51	23°0	22°12	29°44	29°13	T 30
W31	6 37 45	8°56'30	20°X36	17°X24	21°X47	2°M19	21°X40	8°X19	18°X43	19°X55	15°X50	23°R 1	22°X 9	29°M51	29°V12	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	21s39	20s 6	3s 0	25s15	1s55	23s57	3s 5	4s33	1n24	5s42	1s17	19s13	1n50	22s39	0s23	15s 4
T 2	21 48	22 7	2 3	25 4	1 44	23 44	3 3	4 46	1 24	5 40	1 17	19 15	1 50	22 39	0 23	15 4
W 3	21 57	23 8	1 0	24 51	1 31	23 31	3 2	5 0	1 24	5 38	1 16	19 16	1 50	22 39	0 23	15 3
T 4	22 5	23 7	0n 5	24 37	1 17	23 17	3 0	5 13	1 24	5 37	1 16	19 17	1 50	22 38	0 23	15 3
F 5	22 13	22 3	1 11	24 21	1 1	23 3	2 58	5 27	1 24	5 35	1 16	19 18	1 50	22 38	0 23	15 3
S 6	22 21	19 57	2 14	24 3	0 44	22 48	2 56	5 40	1 24	5 33	1 16	19 20	1 50	22 38	0 23	15 2
S 7	22 28	16 55	3 12	23 43	0 26	22 33	2 54	5 54	1 24	5 31	1 15	19 21	1 50	22 37	0 23	15 2
M 8	22 35	13 6	4 2	23 22	0 7	22 17	2 51	6 7	1 24	5 29	1 15	19 22	1 50	22 37	0 23	15 1
T 9	22 41	8 38	4 42	22 59	0n13	22 1	2 48	6 20	1 24	5 27	1 15	19 23	1 50	22 36	0 23	15 1
W10	22 47	3 40	5 8	22 35	0 34	21 45	2 45	6 33	1 24	5 24	1 15	19 25	1 50	22 36	0 23	15 1
T 11	22 52	1n35	5 18	22 11	0 54	21 28	2 42	6 47	1 24	5 22	1 15	19 26	1 50	22 35	0 23	15 0
F 12	22 57	6 54	5 11	21 45	1 14	21 11	2 39	7 0	1 24	5 20	1 14	19 27	1 50	22 35	0 23	15 0
S 13	23 2	12 1	4 44	21 20	1 32	20 53	2 36	7 13	1 24	5 17	1 14	19 28	1 50	22 35	0 23	14 59
S 14	23 6	16 36	4 0	20 56	1 49	20 35	2 32	7 25	1 25	5 15	1 14	19 29	1 50	22 34	0 23	14 59
M15	23 9	20 15	2 58	20 34	2 4	20 17	2 28	7 38	1 25	5 12	1 14	19 31	1 50	22 34	0 23	14 59
T 16	23 12	22 34	1 44	20 14	2 17	19 59	2 24	7 51	1 25	5 10	1 14	19 32	1 50	22 33	0 23	14 58
W17	23 15	23 16	0 21	19 57	2 28	19 40	2 19	8 4	1 25	5 7	1 13	19 33	1 50	22 33	0 23	14 58
T 18	23 17	22 15	1s 2	19 43	2 36	19 21	2 15	8 17	1 25	5 4	1 13	19 34	1 50	22 32	0 23	14 57
F 19	23 19	19 45	2 20	19 33	2 42	19 2	2 10	8 29	1 25	5 1	1 13	19 35	1 50	22 32	0 23	14 57
S 20	23 20	15 59	3 26	19 25	2 46	18 43	2 5	8 42	1 25	4 58	1 13	19 36	1 50	22 31	0 23	14 56
S 21	23 21	11 27	4 19	19 22	2 48	18 23	1 59	8 54	1 25	4 56	1 13	19 37	1 50	22 31	0 23	14 56
M22	23 21	6 29	4 55	19 21	2 48	18 3	1 54	9 6	1 25	4 53	1 12	19 39	1 50	22 31	0 23	14 55
T 23	23 21	1 24	5 14	19 23	2 47	17 43	1 48	9 19	1 25	4 49	1 12	19 40	1 50	22 30	0 23	14 55
W24	23 20	3s36	5 17	19 28	2 45	17 23	1 42	9 31	1 25	4 46	1 12	19 41	1 50	22 30	0 23	14 54
T 25	23 19	8 19	5 5	19 34	2 41	17 3	1 35	9 43	1 25	4 43	1 12	19 42	1 50	22 29	0 23	14 54
F 26	23 18	12 37	4 40	19 43	2 36	16 42	1 28	9 55	1 25	4 40	1 12	19 43	1 50	22 29	0 23	14 53
S 27	23 16	16 22	4 2	19 53	2 31	16 22	1 22	10 7	1 25	4 37	1 11	19 44	1 50	22 28	0 23	14 53
S 28	23 13	19 25	3 15	20 4	2 25	16 1	1 14	10 19	1 25	4 33	1 11	19 45	1 50	22 28	0 23	14 52
M29	23 10	21 40	2 20	20 16	2 18	15 41	1 7	10 31	1 25	4 30	1 11	19 46	1 50	22 27	0 23	14 52
T 30	23 7	22 58	1 18	20 29	2 11	15 20	0 59	10 43	1 25	4 26	1 11	19 47	1 50	22 27	0 23	14 51
W31	23s 3	23s15	0s13	20s42	2n 4	15s 0	0s51	10s54	1n25	4s23	1s11	19s48	1n50	22s26	0s23	14s51

Julian Day Number = 2693669.5, Delta T = 24m30s

Ecliptic obliquity = 23°21'10, Nutation = 0°00'16

Ayanamsha: Fagan/Bradley = 34°00'49, Lahiri = 33°07'49



## ASTRODIENST EPHEMERIS for the year 2663

FEBRUARY 2663

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 43 55	11°31'35	18°48	2°34	27°R21	19°M42	27°K19	11°J22	20°S37	21°≈ 2	15°R12	21°R55	20°J27	3°J24	29°Y24	S 1
M 2	8 47 51	12°32'38	1°K55	4°10	26°≈54	20°13	27°31	11°26	20°40	21° 4	15°S11	21°J45	20°24	3°30	29°25	M 2
T 3	8 51 48	13°33'40	15°15	5°47	26°25	20°44	27°44	11°31	20°44	21° 6	15°10	21°36	20°21	3°37	29°26	T 3
W 4	8 55 44	14°34'41	28°47	7°24	25°55	21°14	27°56	11°35	20°47	21° 9	15° 9	21°27	20°18	3°44	29°27	W 4
T 5	8 59 41	15°35'42	12°Y29	9° 2	25°23	21°45	28° 9	11°40	20°51	21°11	15° 8	21°21	20°14	3°50	29°29	T 5
F 6	9 3 37	16°36'41	26°19	10°40	24°50	22°15	28°21	11°44	20°54	21°13	15° 7	21°17	20°11	3°57	29°30	F 6
S 7	9 7 34	17°37'40	10°B16	12°19	24°15	22°45	28°34	11°48	20°57	21°15	15° 6	21°15	20° 8	4° 4	29°32	S 7
S 8	9 11 31	18°38'37	24°20	13°59	23°39	23°15	28°47	11°52	21° 1	21°18	15° 5	21°D14	20° 5	4°10	29°33	S 8
M 9	9 15 27	19°39'33	8°II29	15°39	23° 3	23°45	29° 0	11°57	21° 4	21°20	15° 4	21°15	20° 2	4°17	29°35	M 9
T 10	9 19 24	20°40'28	22°42	17°20	22°26	24°15	29°13	12° 1	21° 7	21°22	15° 3	21°R16	19°59	4°24	29°37	T 10
W 11	9 23 20	21°41'22	6°S57	19° 2	21°49	24°44	29°26	12° 5	21°10	21°25	15° 2	21°15	19°55	4°30	29°38	W 11
T 12	9 27 17	22°42'14	21°12	20°44	21°12	25°14	29°39	12° 8	21°14	21°27	15° 1	21°11	19°52	4°37	29°40	T 12
F 13	9 31 13	23°43'06	5°J23	22°27	20°35	25°43	29°52	12°12	21°17	21°29	15° 0	21° 5	19°49	4°44	29°42	F 13
S 14	9 35 10	24°43'56	19°24	24°11	19°58	26°12	0°Y 5	12°16	21°20	21°31	14°59	20°56	19°46	4°50	29°44	S 14
S 15	9 39 7	25°44'45	3°M11	25°55	19°23	26°41	0°18	12°19	21°23	21°34	14°58	20°45	19°43	4°57	29°46	S 15
M 16	9 43 3	26°45'33	16°41	27°40	18°48	27° 9	0°32	12°23	21°26	21°36	14°57	20°34	19°40	5° 4	29°48	M 16
T 17	9 47 0	27°46'20	29°50	29°26	18°15	27°38	0°45	12°26	21°29	21°38	14°57	20°22	19°36	5°10	29°50	T 17
W 18	9 50 56	28°47'06	12°B38	1°K13	17°43	28° 6	0°58	12°30	21°32	21°40	14°56	20°12	19°33	5°17	29°52	W 18
T 19	9 54 53	29°47'51	25° 7	3° 0	17°13	28°35	1°12	12°33	21°35	21°43	14°55	20° 5	19°30	5°24	29°54	T 19
F 20	9 58 49	0°K48'35	7°M18	4°48	16°44	29° 3	1°25	12°36	21°38	21°45	14°54	20° 0	19°27	5°30	29°56	F 20
S 21	10 2 46	1°49'18	19°17	6°36	16°18	29°30	1°39	12°39	21°41	21°47	14°53	19°57	19°24	5°37	29°58	S 21
S 22	10 6 42	2°50'00	1°J 7	8°25	15°54	29°58	1°53	12°42	21°44	21°50	14°53	19°D56	19°20	5°43	0°B 0	S 22
M 23	10 10 39	3°50'41	12°55	10°14	15°32	0°J25	2° 6	12°45	21°47	21°52	14°52	19°56	19°17	5°50	0° 2	M 23
T 24	10 14 35	4°51'22	24°45	12° 4	15°12	0°53	2°20	12°48	21°50	21°54	14°51	19°R56	19°14	5°57	0° 5	T 24
W 25	10 18 32	5°52'01	6°B44	13°54	14°55	1°20	2°34	12°50	21°53	21°56	14°50	19°55	19°11	6° 3	0° 7	W 25
T 26	10 22 29	6°52'38	18°56	15°44	14°40	1°46	2°48	12°53	21°56	21°58	14°50	19°52	19° 8	6°10	0°10	T 26
F 27	10 26 25	7°53'15	1°≈26	17°34	14°27	2°13	3° 1	12°55	21°59	22° 1	14°49	19°46	19° 5	6°17	0°12	F 27
S 28	10 30 22	8°K53'50	14°≈14	19°K24	14°≈17	2°J39	3°Y15	12°J58	22°S 1	22°≈ 3	14°S48	19°J37	19°J 1	6°J23	0°B14	S 28

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	17s16	11s 3	4n17	21s 9	1s41	6s49	5n53	16s17	1n22	2s 4	1s 6	20s12	1n53	22s10	0s24	14s30
M 2	16 59	6 16	4 48	20 51	1 45	6 44	6 7	16 25	1 22	1 59	1 6	20 12	1 53	22 10	0 24	14 29
T 3	16 42	1 7	5 4	20 31	1 49	6 41	6 21	16 34	1 21	1 54	1 6	20 13	1 53	22 9	0 24	14 28
W 4	16 24	4n10	5 4	20 9	1 52	6 39	6 34	16 42	1 21	1 49	1 6	20 13	1 53	22 9	0 24	14 28
T 5	16 6	9 18	4 46	19 47	1 55	6 37	6 46	16 50	1 21	1 44	1 6	20 14	1 54	22 8	0 24	14 27
F 6	16 5	14 1	4 11	19 23	1 58	6 37	6 58	16 58	1 21	1 39	1 5	20 14	1 54	22 8	0 24	14 26
S 7	15 30	18 2	3 21	18 58	2 0	6 38	7 9	17 6	1 21	1 34	1 5	20 15	1 54	22 7	0 24	14 26
S 8	15 11	21 2	2 19	18 31	2 2	6 39	7 20	17 13	1 20	1 29	1 5	20 15	1 54	22 7	0 24	14 25
M 9	14 52	22 45	1 8	18 3	2 3	6 41	7 30	17 21	1 20	1 24	1 5	20 15	1 54	22 6	0 24	14 24
T 10	14 33	23 1	0s 8	17 34	2 5	6 45	7 39	17 28	1 20	1 18	1 5	20 16	1 54	22 6	0 24	14 23
W 11	14 14	21 47	1 23	17 3	2 5	6 49	7 47	17 36	1 19	1 13	1 5	20 16	1 54	22 5	0 24	14 23
T 12	13 54	19 10	2 33	16 31	2 6	6 53	7 54	17 43	1 19	1 8	1 5	20 17	1 54	22 5	0 24	14 22
F 13	13 34	15 25	3 33	15 58	2 6	6 59	8 0	17 50	1 19	1 3	1 5	20 17	1 55	22 4	0 24	14 21
S 14	13 14	10 51	4 19	15 23	2 6	7 5	8 5	17 57	1 19	0 57	1 5	20 17	1 55	22 4	0 24	14 20
S 15	12 54	5 48	4 49	14 47	2 5	7 11	8 10	18 4	1 18	0 52	1 5	20 18	1 55	22 3	0 24	14 20
M 16	12 33	0 36	5 2	14 10	2 3	7 18	8 13	18 11	1 18	0 47	1 5	20 18	1 55	22 3	0 24	14 19
T 17	12 12	4s30	4 59	13 32	2 2	7 26	8 16	18 18	1 18	0 41	1 4	20 18	1 55	22 2	0 24	14 18
W 18	11 51	9 17	4 40	12 52	1 59	7 34	8 17	18 25	1 17	0 36	1 4	20 18	1 55	22 2	0 24	14 18
T 19	11 30	13 33	4 9	12 11	1 57	7 42	8 18	18 31	1 17	0 31	1 4	20 19	1 55	22 1	0 24	14 17
F 20	11 9	17 9	3 26	11 29	1 53	7 50	8 18	18 37	1 17	0 25	1 4	20 19	1 56	22 1	0 24	14 16
S 21	10 47	19 59	2 35	10 45	1 49	7 59	8 16	18 44	1 16	0 20	1 4	20 19	1 56	22 1	0 24	14 15
S 22	10 26	21 55	1 38	10 0	1 45	8 8	8 15	18 50	1 16	0 14	1 4	20 19	1 56	22 0	0 24	14 15
M 23	10 4	22 53	0 37	9 15	1 40	8 16	8 12	18 56	1 16	0 9	1 4	20 20	1 56	22 0	0 24	14 14
T 24	9 42	22 49	0n26	8 28	1 34	8 25	8 9	19 2	1 15	0 3	1 4	20 20	1 56	21 59	0 24	14 13
W 25	9 20	21 43	1 28	7 40	1 28	8 34	8 5	19 8	1 15	0n 2	1 4	20 20	1 56	21 59	0 24	14 13
T 26	8 57	19 35	2 27	6 51	1 21	8 42	8 0	19 14	1 14	0 8	1 4	20 20	1 56	21 58	0 24	14 12
F 27	8 35	16 30	3 21	6 2	1 14	8 51	7 55	19 19	1 14	0 13	1 4	20 20	1 57	21 58	0 24	14 11
S 28	8s12	12s34	4n 6	5s11	1s 6	8s59	7n49	19s25	1n13	0n19	1s 4	20s21	1n57	21s58	0s24	14s10

Julian Day Number = 2693731.5, Delta T = 24m31s

Ecliptic obliquity = 23°21'10, Nutation = 0°00'19

Ayanamsha: Fagan/Bradley = 34°00'58, Lahiri = 33°07'57

## ASTRODIENST EPHEMERIS for the year 2663

MARCH 2663

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 34 18	9°54'24	27°24	21°13	14°R10	3°5	3°29	13°0	22°4	22°5	14°R48	19°R25	18°58	6°30	0°17	S 1
M 2	10 38 15	10°54'57	10°53	23° 2	14°5	3°31	3°43	13° 2	22° 7	22° 7	14°R47	19°R13	18°55	6°37	0°19	M 2
T 3	10 42 11	11°55'28	24°39	24°49	14° 2	3°57	3°57	13° 4	22° 9	22° 9	14°46	19° 0	18°52	6°43	0°22	T 3
W 4	10 46 8	12°55'57	8°39	26°35	14°D 2	4°22	4°11	13° 6	22°12	22°12	14°46	18°48	18°49	6°50	0°25	W 4
T 5	10 50 4	13°56'25	22°47	28°19	14° 4	4°47	4°26	13° 8	22°14	22°14	14°45	18°38	18°45	6°57	0°27	T 5
F 6	10 54 1	14°56'51	6°58	0°1	14° 9	5°12	4°40	13°10	22°17	22°16	14°45	18°32	18°42	7° 3	0°30	F 6
S 7	10 57 58	15°57'15	21°10	1°40	14°16	5°37	4°54	13°12	22°19	22°18	14°44	18°28	18°39	7°10	0°33	S 7
S 8	11 1 54	16°57'38	5°20	3°15	14°25	6° 1	5° 8	13°13	22°22	22°20	14°44	18°26	18°36	7°17	0°35	S 8
M 9	11 5 51	17°57'58	19°25	4°47	14°36	6°25	5°22	13°15	22°24	22°22	14°43	18°26	18°33	7°23	0°38	M 9
T 10	11 9 47	18°58'17	3°26	6°14	14°50	6°49	5°37	13°16	22°27	22°24	14°43	18°26	18°30	7°30	0°41	T 10
W 11	11 13 44	19°58'33	17°22	7°36	15° 5	7°13	5°51	13°18	22°29	22°26	14°42	18°24	18°26	7°36	0°44	W 11
T 12	11 17 40	20°58'48	1°13	8°52	15°23	7°36	6° 5	13°19	22°31	22°29	14°42	18°20	18°23	7°43	0°47	T 12
F 13	11 21 37	21°59'00	14°56	10° 2	15°42	7°59	6°20	13°20	22°34	22°31	14°42	18°13	18°20	7°50	0°50	F 13
S 14	11 25 33	22°59'11	28°31	11° 5	16° 4	8°21	6°34	13°21	22°36	22°33	14°41	18° 3	18°17	7°56	0°53	S 14
S 15	11 29 30	23°59'19	11°54	12° 1	16°27	8°44	6°48	13°22	22°38	22°35	14°41	17°50	18°14	8° 3	0°56	S 15
M 16	11 33 27	24°59'26	25° 4	12°48	16°52	9° 6	7° 3	13°23	22°40	22°37	14°41	17°37	18°11	8°10	0°59	M 16
T 17	11 37 23	25°59'31	7°29	13°27	17°18	9°27	7°17	13°23	22°42	22°39	14°40	17°24	18° 7	8°16	1° 2	T 17
W 18	11 41 20	26°59'34	20°37	13°58	17°47	9°49	7°32	13°24	22°44	22°41	14°40	17°12	18° 4	8°23	1° 5	W 18
T 19	11 45 16	27°59'36	3°11	14°20	18°17	10°10	7°46	13°24	22°46	22°43	14°40	17° 3	18° 1	8°30	1° 8	T 19
F 20	11 49 13	28°59'36	15° 8	14°32	18°48	10°30	8° 1	13°25	22°48	22°45	14°40	16°56	17°58	8°36	1°11	F 20
S 21	11 53 9	29°59'34	27° 6	14°R36	19°21	10°51	8°15	13°25	22°50	22°46	14°39	16°52	17°55	8°43	1°14	S 21
S 22	11 57 6	0°59'31	8°56	14°31	19°55	11°11	8°30	13°25	22°52	22°48	14°39	16°50	17°51	8°50	1°17	S 22
M 23	12 1 2	1°59'26	20°43	14°17	20°31	11°30	8°44	13°R25	22°54	22°50	14°39	16°D50	17°48	8°56	1°20	M 23
T 24	12 4 59	2°59'19	2°33	13°55	21° 7	11°49	8°59	13°25	22°56	22°52	14°39	16°R50	17°45	9° 3	1°24	T 24
W 25	12 8 56	3°59'11	14°32	13°26	21°46	12° 8	9°13	13°25	22°57	22°54	14°39	16°50	17°42	9°10	1°27	W 25
T 26	12 12 52	4°59'01	26°45	12°49	22°25	12°27	9°28	13°25	22°59	22°56	14°39	16°48	17°39	9°16	1°30	T 26
F 27	12 16 49	5°58'50	9°16	12° 7	23° 5	12°45	9°42	13°24	23° 1	22°58	14°39	16°43	17°36	9°23	1°33	F 27
S 28	12 20 45	6°58'36	22°10	11°20	23°47	13° 2	9°57	13°24	23° 2	22°59	14°39	16°36	17°32	9°29	1°37	S 28
S 29	12 24 42	7°58'21	5°28	10°29	24°30	13°19	10°11	13°24	23° 4	23° 1	14°D39	16°27	17°29	9°36	1°40	S 29
M 30	12 28 38	8°58'05	19°11	9°36	25°13	13°36	10°26	13°23	23° 5	23° 3	14°39	16°16	17°26	9°43	1°43	M 30
T 31	12 32 35	9°57'46	3°17	8°41	25°58	13°52	10°40	13°22	23° 7	23° 4	14°39	16°17	17°23	9°49	1°47	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	7s50	7s58	4n39	4s21	0s57	9s 7	7n43	19s30	1n13	0n24	1s 4	20s21	1n57	21s57	0s24	S 1
M 2	7 27	2 52	4 57	3 29	0 48	9 15	7 36	19 36	1 12	0 30	1 4	20 21	1 57	21 57	0 24	M 2
T 3	7 4	2n28	4 59	2 38	0 38	9 22	7 29	19 41	1 12	0 36	1 4	20 21	1 57	21 56	0 24	T 3
W 4	6 41	7 45	4 43	1 46	0 27	9 30	7 22	19 46	1 11	0 41	1 3	20 21	1 57	21 56	0 24	W 4
T 5	6 18	12 41	4 9	0 54	0 16	9 36	7 14	19 51	1 11	0 47	1 3	20 21	1 57	21 56	0 24	T 5
F 6	5 55	16 57	3 20	0 3	0 4	9 43	7 6	19 56	1 10	0 53	1 3	20 21	1 58	21 55	0 24	F 6
S 7	5 31	20 13	2 19	0n48	0n 9	9 49	6 58	20 1	1 10	0 58	1 3	20 21	1 58	21 55	0 24	S 7
S 8	5 8	22 14	1 9	1 37	0 22	9 54	6 49	20 6	1 9	1 4	1 3	20 21	1 58	21 54	0 24	S 8
M 9	4 44	22 51	0s 5	2 26	0 35	10 0	6 41	20 11	1 9	1 9	1 3	20 21	1 58	21 54	0 25	M 9
T 10	4 21	22 0	1 18	3 13	0 49	10 4	6 32	20 15	1 8	1 15	1 3	20 21	1 58	21 54	0 25	T 10
W 11	3 57	19 48	2 27	3 58	1 3	10 9	6 23	20 20	1 7	1 21	1 3	20 21	1 58	21 53	0 25	W 11
T 12	3 34	16 28	3 25	4 41	1 17	10 12	6 14	20 24	1 7	1 26	1 3	20 21	1 58	21 53	0 25	T 12
F 13	3 10	12 17	4 12	5 21	1 31	10 16	6 5	20 28	1 6	1 32	1 3	20 21	1 59	21 53	0 25	F 13
S 14	2 46	7 31	4 43	5 59	1 45	10 18	5 55	20 33	1 5	1 38	1 3	20 21	1 59	21 52	0 25	S 14
S 15	2 23	2 28	4 59	6 33	1 59	10 21	5 46	20 37	1 5	1 44	1 3	20 21	1 59	21 52	0 25	S 15
M 16	1 59	2s36	4 58	7 4	2 12	10 22	5 36	20 41	1 4	1 49	1 3	20 21	1 59	21 52	0 25	M 16
T 17	1 35	7 28	4 41	7 31	2 25	10 23	5 27	20 45	1 3	1 55	1 3	20 21	1 59	21 51	0 25	T 17
W 18	1 12	11 54	4 12	7 54	2 37	10 24	5 18	20 49	1 3	2 1	1 3	20 21	1 59	21 51	0 25	W 18
T 19	0 48	15 45	3 30	8 13	2 49	10 24	5 8	20 52	1 2	2 6	1 3	20 21	2 0	21 51	0 25	T 19
F 20	0 24	18 52	2 40	8 28	2 59	10 24	4 59	20 56	1 1	2 12	1 3	20 21	2 0	21 50	0 25	F 20
S 21	0 0	21 6	1 43	8 38	3 8	10 23	4 49	21 0	1 0	2 18	1 3	20 21	2 0	21 50	0 25	S 21
S 22	0n24	22 24	0 42	8 43	3 16	10 21	4 40	21 3	0 59	2 23	1 3	20 21	2 0	21 50	0 25	S 22
M 23	0 47	22 41	0n21	8 44	3 23	10 19	4 31	21 7	0 58	2 29	1 3	20 20	2 0	21 50	0 25	M 23
T 24	1 11	21 57	1 23	8 40	3 28	10 16	4 21	21 10	0 57	2 35	1 3	20 20	2 0	21 49	0 25	T 24
W 25	1 35	20 13	2 22	8 31	3 31	10 13	4 12	21 14	0 57	2 41	1 3	20 20	2 0	21 49	0 25	W 25
T 26	1 58	17 32	3 15	8 18	3 32	10 9	4 3	21 17	0 56	2 46	1 3	20 20	2 1	21 49	0 25	T 26
F 27	2 22	13 59	4 1	8 1	3 31	10 5	3 54	21 20	0 55	2 52	1 3	20 20	2 1	21 49	0 25	F 27
S 28	2 46	9 43	4 36	7 40	3 28	10 0	3 45	21 24	0 54	2 58	1 3	20 20	2 1	21 48	0 25	S 28
S 29	3 9	4 51	4 57	7 15	3 23	9 55	3 36	21 27	0 53	3 3	1 3	20 19	2 1	21 48	0 25	S 29
M 30	3 33	0n23	5 3	6 48	3 17	9 49	3 27	21 30	0 52	3 9	1 3	20 19	2 1	21 48	0 25	M 30
T 31	3n56	5n44	4n50	6n19	3n 9	9s42	3n18	21s33	0n51	3n15	1s 3	20s19	2n 1	21s48	0s25	T 31

Julian Day Number = 2693759.5, Delta T = 24m31s

Ecliptic obliquity = 23°21'10, Nutation = 0°00'18

Ayanamsha: Fagan/Bradley = 34°01'01, Lahiri = 33°08'01





## ASTRODIENST EPHEMERIS for the year 2663

JUNE 2663

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 37 1	10II34'30	19☾19	5II22	28Υ 3	10°R25	24Υ56	10°R 5	22°R59	23°R55	15☾22	13♂48	14♂ 6	16♂41	5♂20	M 1
T 2	16 40 58	11°32'17	3☾53	7°31	29°10	10♂ 4	25° 8	10♂ 1	22☾57	23♂55	15°24	13°48	14° 3	16°48	5°23	T 2
W 3	16 44 54	12°30'02	18° 2	9°41	0♂18	9°43	25°20	9°56	22°55	23°55	15°25	13°48	14° 0	16°55	5°26	W 3
T 4	16 48 51	13°27'45	1♯46	11°52	1°26	9°22	25°32	9°52	22°54	23°54	15°26	13°48	13°56	17° 1	5°29	T 4
F 5	16 52 47	14°25'27	15° 6	14° 4	2°34	9° 0	25°44	9°47	22°52	23°54	15°27	13°48	13°53	17° 8	5°32	F 5
S 6	16 56 44	15°23'08	28° 2	16°16	3°42	8°39	25°56	9°43	22°50	23°54	15°29	13°48	13°50	17°15	5°35	S 6
S 7	17 0 41	16°20'47	10♂38	18°28	4°50	8°18	26° 8	9°38	22°49	23°53	15°30	13°48	13°47	17°21	5°38	S 7
M 8	17 4 37	17°18'24	22°59	20°40	5°58	7°57	26°19	9°34	22°47	23°53	15°31	13°49	13°44	17°28	5°40	M 8
T 9	17 8 34	18°16'00	5♯ 6	22°51	7° 7	7°36	26°31	9°29	22°45	23°53	15°33	13°49	13°40	17°34	5°43	T 9
W10	17 12 30	19°13'35	17° 4	25° 1	8°15	7°16	26°42	9°25	22°43	23°52	15°34	13°50	13°37	17°41	5°46	W10
T 11	17 16 27	20°11'08	28°56	27°11	9°23	6°56	26°54	9°21	22°41	23°52	15°35	13°50	13°34	17°48	5°49	T 11
F 12	17 20 23	21° 8'41	10♂45	29°19	10°32	6°36	27° 5	9°16	22°39	23°51	15°37	13°R50	13°31	17°54	5°52	F 12
S 13	17 24 20	22° 6'12	22°33	1♯26	11°41	6°16	27°16	9°12	22°37	23°51	15°38	13°50	13°28	18° 1	5°54	S 13
S 14	17 28 16	23° 3'43	4☾22	3°31	12°50	5°57	27°27	9° 8	22°35	23°50	15°39	13°50	13°25	18° 8	5°57	S 14
M15	17 32 13	24° 1'12	16°14	5°34	13°58	5°39	27°38	9° 3	22°33	23°49	15°41	13°49	13°21	18°14	6° 0	M15
T 16	17 36 10	24°58'40	28°13	7°35	15° 7	5°21	27°49	8°59	22°31	23°49	15°42	13°47	13°18	18°21	6° 2	T 16
W17	17 40 6	25°56'08	10♂20	9°34	16°16	5° 3	28° 0	8°55	22°29	23°48	15°44	13°46	13°15	18°28	6° 5	W17
T 18	17 44 3	26°53'35	22°38	11°31	17°26	4°46	28°11	8°51	22°27	23°48	15°45	13°44	13°12	18°34	6° 7	T 18
F 19	17 47 59	27°51'01	5♯10	13°25	18°35	4°29	28°22	8°47	22°25	23°47	15°46	13°43	13° 9	18°41	6°10	F 19
S 20	17 51 56	28°48'26	17°59	15°17	19°44	4°14	28°32	8°42	22°23	23°46	15°48	13°42	13° 6	18°48	6°12	S 20
S 21	17 55 52	29°45'51	1Υ 8	17° 7	20°53	3°58	28°42	8°38	22°21	23°45	15°49	13°D41	13° 2	18°54	6°15	S 21
M22	17 59 49	0☾43'16	14°39	18°54	22° 3	3°44	28°53	8°34	22°19	23°45	15°51	13°42	12°59	19° 1	6°17	M22
T 23	18 3 45	1°40'40	28°34	20°39	23°12	3°30	29° 3	8°30	22°16	23°44	15°52	13°43	12°56	19° 8	6°19	T 23
W24	18 7 42	2°38'03	12♂53	22°21	24°22	3°17	29°13	8°26	22°14	23°43	15°54	13°44	12°53	19°14	6°22	W24
T 25	18 11 39	3°35'27	27°33	24° 0	25°32	3° 4	29°23	8°23	22°12	23°42	15°55	13°45	12°50	19°21	6°24	T 25
F 26	18 15 35	4°32'49	12II31	25°37	26°41	2°53	29°33	8°19	22°10	23°41	15°57	13°R46	12°46	19°27	6°26	F 26
S 27	18 19 32	5°30'12	27°38	27°12	27°51	2°42	29°43	8°15	22° 7	23°40	15°58	13°45	12°43	19°34	6°28	S 27
S 28	18 23 28	6°27'33	12☾46	28°44	29° 1	2°32	29°52	8°11	22° 5	23°39	15°59	13°44	12°40	19°41	6°31	S 28
M29	18 27 25	7°24'54	27°46	0♂13	0II11	2°22	0♂ 2	8° 8	22° 3	23°38	16° 1	13°41	12°37	19°47	6°33	M29
T 30	18 31 21	8☾22'15	12♂29	1♂39	1II21	2♂14	0♂11	8♂ 4	22☾ 0	23♂37	16☾ 2	13♂38	12♂34	19♂54	6♂35	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	21n57	18n55	3 s 5	20n54	0s13	8n50	2 s 3	23s24	1s29	8n35	1 s 7	19s49	2n 5	21s51	0s27	13s35
T 2	22 5	15 15	4 4	21 26	0 3	9 12	2 4	23 24	1 32	8 39	1 7	19 49	2 5	21 51	0 27	13 35
W 3	22 13	10 49	4 47	21 57	0n 8	9 35	2 6	23 24	1 35	8 43	1 7	19 48	2 5	21 51	0 27	13 35
T 4	22 20	5 57	5 11	22 26	0 18	9 57	2 7	23 24	1 38	8 47	1 8	19 47	2 5	21 52	0 27	13 35
F 5	22 27	0 58	5 18	22 53	0 38	10 19	2 8	23 23	1 41	8 51	1 8	19 47	2 5	21 52	0 27	13 35
S 6	22 33	3s56	5 8	23 17	0 38	10 41	2 9	23 23	1 44	8 56	1 8	19 46	2 5	21 52	0 27	13 36
S 7	22 39	8 33	4 44	23 39	0 48	11 3	2 9	23 22	1 47	9 0	1 8	19 46	2 5	21 53	0 27	13 36
M 8	22 45	12 43	4 7	23 59	0 58	11 25	2 10	23 22	1 50	9 4	1 8	19 45	2 4	21 53	0 27	13 36
T 9	22 50	16 18	3 19	24 16	1 6	11 47	2 11	23 21	1 53	9 8	1 8	19 45	2 4	21 53	0 27	13 36
W10	22 55	19 10	2 23	24 30	1 15	12 8	2 11	23 20	1 55	9 12	1 8	19 44	2 4	21 54	0 27	13 36
T 11	22 59	21 11	1 22	24 42	1 23	12 29	2 12	23 19	1 58	9 16	1 9	19 43	2 4	21 54	0 27	13 36
F 12	23 3	22 16	0 17	24 51	1 30	12 50	2 12	23 19	2 0	9 20	1 9	19 43	2 4	21 54	0 27	13 36
S 13	23 7	22 21	0n48	24 57	1 36	13 11	2 12	23 18	2 3	9 24	1 9	19 42	2 4	21 55	0 27	13 37
S 14	23 10	21 25	1 52	25 1	1 42	13 32	2 12	23 17	2 6	9 27	1 9	19 42	2 4	21 55	0 27	13 37
M15	23 13	19 33	2 50	25 1	1 47	13 52	2 12	23 16	2 8	9 31	1 9	19 41	2 4	21 55	0 27	13 37
T 16	23 15	16 49	3 42	25 0	1 52	14 12	2 12	23 15	2 10	9 35	1 9	19 41	2 4	21 56	0 27	13 37
W17	23 17	13 20	4 25	24 56	1 55	14 32	2 12	23 14	2 13	9 39	1 10	19 40	2 4	21 56	0 27	13 37
T 18	23 19	9 16	4 56	24 49	1 58	14 52	2 11	23 13	2 15	9 42	1 10	19 40	2 3	21 56	0 27	13 38
F 19	23 20	4 43	5 13	24 40	2 0	15 11	2 11	23 12	2 17	9 46	1 10	19 39	2 3	21 57	0 27	13 38
S 20	23 21	0n 7	5 16	24 30	2 2	15 30	2 11	23 12	2 19	9 49	1 10	19 39	2 3	21 57	0 27	13 38
S 21	23 21	5 4	5 2	24 17	2 2	15 49	2 10	23 11	2 21	9 53	1 10	19 38	2 3	21 57	0 27	13 38
M22	23 21	9 56	4 32	24 2	2 2	16 8	2 9	23 10	2 23	9 56	1 10	19 38	2 3	21 58	0 27	13 39
T 23	23 21	14 25	3 45	23 46	2 1	16 26	2 9	23 9	2 25	10 0	1 11	19 37	2 3	21 58	0 27	13 39
W24	23 20	18 14	2 43	23 28	1 59	16 44	2 8	23 9	2 27	10 3	1 11	19 37	2 3	21 59	0 27	13 39
T 25	23 18	20 59	1 28	23 9	1 57	17 1	2 7	23 8	2 29	10 7	1 11	19 36	2 2	21 59	0 27	13 40
F 26	23 16	22 20	0 7	22 48	1 53	17 18	2 6	23 7	2 31	10 10	1 11	19 36	2 2	21 59	0 27	13 40
S 27	23 14	22 4	1s16	22 26	1 50	17 35	2 5	23 7	2 32	10 13	1 11	19 36	2 2	22 0	0 27	13 40
S 28	23 12	20 12	2 33	22 3	1 45	17 51	2 4	23 6	2 34	10 16	1 11	19 35	2 2	22 0	0 27	13 41
M29	23 9	16 57	3 39	21 39	1 40	18 7	2 2	23 6	2 36	10 19	1 12	19 35	2 2	22 0	0 27	13 41
T 30	23n 5	12n41	4s29	21n15	1n34	18n23	2s 1	23s 6	2s37	10n22	1s12	19s34	2n 2	22s 1	0s27	13s41

Julian Day Number = 2693851.5, Delta T = 24m32s

Ecliptic obliquity = 23°21'08, Nutation = 0°00'16

Ayanamsha: Fagan/Bradley = 34°01'14, Lahiri = 33°08'14



## ASTRODIENST EPHEMERIS for the year 2663

AUGUST 2663

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 37 31	8♂54'33	15♂32	17°R29	9♂10	4♂47	3♂57	6°R50	20°R44	22°R55	16♂49	12°R 4	10♂52	23♂27	7♂16	S 1
S 2	20 41 28	9°51'51	28°10	16♂52	10°22	5° 3	4° 2	6♂49	20♂42	22♂53	16°51	12♂1	10°49	23°33	7°17	S 2
M 3	20 45 24	10°49'10	10♂27	16°12	11°33	5°20	4° 6	6°48	20°40	22°51	16°52	12°D 1	10°46	23°40	7°17	M 3
T 4	20 49 21	11°46'29	22°30	15°31	12°45	5°38	4°10	6°47	20°37	22°50	16°53	12° 1	10°43	23°47	7°17	T 4
W 5	20 53 17	12°43'48	4♂22	14°48	13°57	5°56	4°14	6°47	20°35	22°48	16°55	12° 2	10°39	23°53	7°18	W 5
T 6	20 57 14	13°41'08	16°10	14° 5	15° 9	6°15	4°17	6°46	20°33	22°47	16°56	12°R 2	10°36	24° 0	7°18	T 6
F 7	21 1 11	14°38'28	27°58	13°23	16°21	6°35	4°21	6°46	20°31	22°45	16°57	12° 1	10°33	24° 7	7°18	F 7
S 8	21 5 7	15°35'48	9♂51	12°42	17°33	6°55	4°24	6°46	20°29	22°43	16°59	11°57	10°30	24°13	7°18	S 8
S 9	21 9 4	16°33'09	21°51	12° 2	18°45	7°15	4°28	6°45	20°27	22°42	17° 0	11°51	10°27	24°20	7°19	S 9
M10	21 13 0	17°30'31	4♂2	11°25	19°58	7°36	4°31	6°45	20°24	22°40	17° 1	11°43	10°24	24°27	7°19	M10
T 11	21 16 57	18°27'53	16°25	10°52	21°10	7°58	4°33	6°D45	20°22	22°39	17° 3	11°32	10°20	24°33	7°19	T 11
W12	21 20 53	19°25'17	29° 1	10°23	22°22	8°20	4°36	6°45	20°20	22°37	17° 4	11°21	10°17	24°40	7°18	W12
T 13	21 24 50	20°22'40	11♂50	9°58	23°34	8°42	4°38	6°46	20°18	22°35	17° 5	11° 9	10°14	24°47	7°18	T 13
F 14	21 28 46	21°20'05	24°51	9°39	24°47	9° 5	4°41	6°46	20°16	22°34	17° 6	10°59	10°11	24°53	7°18	F 14
S 15	21 32 43	22°17'31	8♂4	9°25	25°59	9°29	4°43	6°46	20°14	22°32	17° 8	10°50	10° 8	25° 0	7°18	S 15
S 16	21 36 40	23°14'58	21°29	9°18	27°11	9°53	4°44	6°47	20°13	22°30	17° 9	10°44	10° 4	25° 6	7°18	S 16
M17	21 40 36	24°12'26	5♂4	9°D16	28°24	10°17	4°46	6°47	20°11	22°29	17°10	10°41	10° 1	25°13	7°17	M17
T 18	21 44 33	25° 9'56	18°52	9°21	29°37	10°42	4°47	6°48	20° 9	22°27	17°11	10°39	9°58	25°20	7°17	T 18
W19	21 48 29	26° 7'26	2♂51	9°33	0♂49	11° 7	4°49	6°49	20° 7	22°25	17°13	10°39	9°55	25°26	7°17	W19
T 20	21 52 26	27° 4'59	17° 1	9°52	2° 2	11°33	4°50	6°50	20° 5	22°24	17°14	10°39	9°52	25°33	7°16	T 20
F 21	21 56 22	28° 2'32	1♂22	10°17	3°15	11°59	4°51	6°51	20° 3	22°22	17°15	10°38	9°49	25°40	7°16	F 21
S 22	22 0 19	29° 0'07	15°51	10°50	4°27	12°26	4°51	6°52	20° 2	22°21	17°16	10°35	9°45	25°46	7°15	S 22
S 23	22 4 15	29°57'43	0♂23	11°29	5°40	12°53	4°52	6°53	20° 0	22°19	17°17	10°28	9°42	25°53	7°14	S 23
M24	22 8 12	0♂55'20	14°54	12°15	6°53	13°20	4°52	6°54	19°58	22°17	17°18	10°20	9°39	26° 0	7°14	M24
T 25	22 12 9	1°52'59	29°16	13° 7	8° 6	13°48	4°R52	6°55	19°57	22°16	17°20	10° 9	9°36	26° 6	7°13	T 25
W26	22 16 5	2°50'39	13♂23	14° 6	9°19	14°16	4°52	6°57	19°55	22°14	17°21	9°57	9°33	26°13	7°12	W26
T 27	22 20 2	3°48'19	27°11	15°12	10°32	14°44	4°52	6°58	19°54	22°13	17°22	9°46	9°29	26°20	7°11	T 27
F 28	22 23 58	4°46'01	10♂35	16°23	11°45	15°13	4°51	7° 0	19°52	22°11	17°23	9°36	9°26	26°26	7°10	F 28
S 29	22 27 55	5°43'44	23°35	17°40	12°58	15°42	4°50	7° 2	19°51	22° 9	17°24	9°28	9°23	26°33	7° 9	S 29
S 30	22 31 51	6°41'28	6♂12	19° 3	14°11	16°12	4°49	7° 4	19°49	22° 8	17°25	9°23	9°20	26°40	7° 8	S 30
M31	22 35 48	7♂39'14	18♂30	20♂31	15♂24	16♂42	4♂48	7♂6	19♂48	22♂6	17♂26	9♂20	9♂17	26♂46	7♂7	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	17n58	10s 2	4s16	11n 0	4s46	22n13	0s49	23s56	2s58	11n33	1s19	19s29	1n55	22s13	0s28	13s56	0s 6	18n28	3s52	22s 9	22s 0	22s 4	13n27	0s28						
S 2	17 43	14 6	3 33	11 5	4 52	22 11	0 46	23 59	2 58	11 34	1 19	19 29	1 55	22 13	0 28	13 56	0 6	18 28	3 52	22 9	21 59	22 4	13 27	0 28						
M 3	17 27	17 27	2 41	11 11	4 57	22 8	0 43	24 2	2 58	11 36	1 19	19 29	1 55	22 14	0 28	13 57	0 6	18 28	3 52	22 9	21 59	22 3	13 27	0 28						
T 4	17 12	19 59	1 43	11 20	5 1	22 4	0 41	24 5	2 58	11 37	1 20	19 29	1 54	22 14	0 28	13 57	0 6	18 27	3 52	22 9	21 58	22 2	13 27	0 28						
W 5	16 56	21 37	0 41	11 31	5 2	22 0	0 38	24 8	2 58	11 38	1 20	19 29	1 54	22 14	0 28	13 58	0 6	18 27	3 52	22 9	21 58	22 2	13 27	0 28						
T 6	16 39	22 16	0n22	11 43	5 2	21 55	0 35	24 11	2 58	11 39	1 20	19 29	1 54	22 15	0 28	13 58	0 6	18 27	3 52	22 9	21 57	22 1	13 27	0 28						
F 7	16 23	21 56	1 24	11 56	5 0	21 50	0 32	24 15	2 58	11 40	1 20	19 30	1 54	22 15	0 28	13 59	0 6	18 27	3 52	22 9	21 57	22 1	13 27	0 28						
S 8	16 6	20 37	2 23	12 11	4 57	21 43	0 29	24 18	2 57	11 41	1 21	19 30	1 53	22 15	0 28	13 59	0 6	18 27	3 52	22 8	21 56	22 0	13 27	0 28						
S 9	15 49	18 22	3 16	12 27	4 51	21 37	0 26	24 21	2 57	11 41	1 21	19 30	1 53	22 16	0 28	14 0	0 6	18 27	3 52	22 8	21 56	22 0	13 27	0 29						
M10	15 32	15 17	4 0	12 44	4 44	21 29	0 23	24 25	2 57	11 42	1 21	19 30	1 53	22 16	0 28	14 0	0 6	18 26	3 52	22 7	21 56	21 59	13 27	0 29						
T 11	15 14	11 30	4 34	13 1	4 36	21 21	0 21	24 28	2 57	11 43	1 21	19 30	1 53	22 16	0 28	14 1	0 6	18 26	3 52	22 5	21 55	21 58	13 27	0 29						
W12	14 57	7 9	4 55	13 19	4 25	21 13	0 18	24 32	2 57	11 44	1 22	19 31	1 52	22 16	0 28	14 1	0 6	18 26	3 52	22 4	21 55	21 58	13 27	0 29						
T 13	14 39	2 26	5 2	13 36	4 14	21 4	0 15	24 35	2 57	11 44	1 22	19 31	1 52	22 17	0 28	14 2	0 6	18 26	3 52	22 2	21 54	21 57	13 27	0 29						
F 14	14 20	2n27	4 54	13 53	4 1	20 54	0 12	24 38	2 56	11 45	1 22	19 31	1 52	22 17	0 28	14 3	0 6	18 26	3 52	22 1	21 54	21 57	13 26	0 29						
S 15	14 2	7 19	4 29	14 10	3 48	20 43	0 9	24 42	2 56	11 45	1 22	19 32	1 52	22 17	0 28	14 3	0 6	18 26	3 52	21 59	21 53	21 56	13 26	0 29						
S 16	13 43	11 54	3 50	14 26	3 33	20 32	0 6	24 45	2 56	11 45	1 23	19 32	1 51	22 18	0 28	14 4	0 6	18 26	3 52	21 58	21 53	21 56	13 26	0 29						
M17	13 24	15 57	2 57	14 42	3 17	20 21	0 4	24 48	2 56	11 46	1 23	19 32	1 51	22 18	0 28	14 4	0 6	18 25	3 52	21 58	21 52	21 55	13 26	0 29						
T 18	13 5	19 11	1 53	14 56	3 2	20 9	0 1	24 52	2 55	11 46	1 23	19 33	1 51	22 18	0 28	14 5	0 6	18 25	3 52	21 58	21 52	21 54	13 26	0 29						
W19	12 46	21 20	0 41	15 8	2 45	19 56	0n 2	24 55	2 55	11 46	1 23	19 33	1 51	22 18	0 28	14 5	0 6	18 25	3 52	21 58	21 51	21 54	13 25	0 30						
T 20	12 26	22 10	0s34	15 20	2 28	19 43	0 5	24 58	2 55	11 46	1 24	19 33	1 50	22 19	0 28	14 6	0 6	18 25	3 52	21 58	21 51	21 53	13 25	0 30						
F 21	12 7	21 33	1 47	15 29	2 11	19 29	0 8	25 2	2 54	11 46	1 24	19 34	1 50	22 19	0 28	14 6	0 6	18 25	3 52	21 58	21 50	21 52	13 25	0 30						
S 22	11 47	19 31	2 55	15 37	1 54	19 15	0 10	25 5	2 54	11 46	1 24	19 34	1 50	22 19	0 28	14 7	0 6	18 25	3 52	21 57	21 50	21 52	13 25	0 30						
S 23	11 27	16 14	3 51	15 43	1 37	19 0	0 13	25 8	2 54	11 46	1 24	19 35	1 50	22 19	0 28	14 7	0 6	18 25	3 52	21 56	21 49	21 51	13 24	0 30						
M24	11 6	11 58	4 32	15 46	1 21	18 44	0 16	25 11	2 53	11 46	1 25	19 35	1 50	22 20	0 28	14 8	0 6	18 24	3 52	21 55	21 49	21 50	13 24	0 30						
T 25	10 46	7 4	4 56	15 47	1 4	18 28	0 18	25 14	2 53	11 46	1 25	19 35	1 49	22 20	0 28	14 8	0 6	18 24	3 52	21 53	21 49	21 50	13 24	0 30						
W26	10 25	1 53	5 0	15 46	0 48	18 12	0 21	25 17	2 53	11 46	1 25	19 36	1 49	22 20	0 28	14 9	0 6	18 24	3 52	21 52	21 48	21 49	13 23	0 30						
T 27	10 5	3s17	4 47	15 42	0 33	17 55	0 23	25 20	2 52	11 45	1 25	19 36	1 49	22 20	0 28	14 9	0 6	18 24	3 52	21 50	21 48	21 48	13 23	0 30						
F 28	9 44	8 8	4 19	15 35	0 18	17 37	0 26	25 23	2 52	11 45	1 26	19 37	1 49	22 21	0 28	14 10	0 6	18 24	3 52	21 49	21 47	21 48	13 23	0 30						
S 29	9 23	12 29	3 37	15 26	0 3	17 19	0 28	25 26	2 51	11 44	1 26	19 37	1 48	22 21	0 28	14 11	0 6	18 24	3 52	21 47	21 47	21 47	13 22	0 31						
S 30	9 1	16 9	2 46	15 13	0n10	17 0	0 31	25 28	2 51	11 44	1 26	19 38	1 48	22 21	0 28	14 11	0 6	18 23	3 52	21 47	21 46	21 46	13 22	0 31						
M31	8n40	19s 0	1s48	14n58	0n23	16n41	0n33	25s31	2s50	11n43	1s26	19s38	1n48	22s21	0s28	14s12	0s 6	18n23	3s52	21s46	21s46	21s46	13n21	0s31						

Julian Day Number = 2693912.5, Delta T = 24m33s

Ecliptic obliquity = 23°21'08, Nutation = 0°00'18

Ayanamsha: Fagan/Bradley = 34°01'23, Lahiri = 33°08'22

## ASTRODIENST EPHEMERIS for the year 2663

SEPTEMBER 2663

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 39 44	8 <sup>h</sup> 37'00	0 <sup>h</sup> 33	22 <sup>h</sup> 03	16 <sup>h</sup> 03	17 <sup>h</sup> 12	4 <sup>h</sup> 47	7 <sup>h</sup> 08	19 <sup>h</sup> 47	22 <sup>h</sup> 05	17 <sup>h</sup> 27	9 <sup>h</sup> 20	9 <sup>h</sup> 14	26 <sup>h</sup> 53	7 <sup>h</sup> 06	T 1
W 2	22 43 41	9 <sup>h</sup> 34'47	12 <sup>h</sup> 27	23 <sup>h</sup> 40	17 <sup>h</sup> 51	17 <sup>h</sup> 42	4 <sup>h</sup> 45	7 <sup>h</sup> 10	19 <sup>h</sup> 45	22 <sup>h</sup> 03	17 <sup>h</sup> 28	9 <sup>h</sup> 19	9 <sup>h</sup> 10	27 <sup>h</sup> 00	7 <sup>h</sup> 05	W 2
T 3	22 47 37	10 <sup>h</sup> 32'36	24 <sup>h</sup> 01	25 <sup>h</sup> 21	19 <sup>h</sup> 04	18 <sup>h</sup> 13	4 <sup>h</sup> 44	7 <sup>h</sup> 12	19 <sup>h</sup> 44	22 <sup>h</sup> 02	17 <sup>h</sup> 29	9 <sup>h</sup> 19	9 <sup>h</sup> 07	27 <sup>h</sup> 06	7 <sup>h</sup> 04	T 3
F 4	22 51 34	11 <sup>h</sup> 30'26	6 <sup>h</sup> 35	27 <sup>h</sup> 06	20 <sup>h</sup> 17	18 <sup>h</sup> 45	4 <sup>h</sup> 42	7 <sup>h</sup> 14	19 <sup>h</sup> 43	22 <sup>h</sup> 00	17 <sup>h</sup> 30	9 <sup>h</sup> 17	9 <sup>h</sup> 04	27 <sup>h</sup> 13	7 <sup>h</sup> 03	F 4
S 5	22 55 31	12 <sup>h</sup> 28'16	18 <sup>h</sup> 01	28 <sup>h</sup> 53	21 <sup>h</sup> 30	19 <sup>h</sup> 16	4 <sup>h</sup> 39	7 <sup>h</sup> 17	19 <sup>h</sup> 42	21 <sup>h</sup> 59	17 <sup>h</sup> 31	9 <sup>h</sup> 14	9 <sup>h</sup> 01	27 <sup>h</sup> 20	7 <sup>h</sup> 01	S 5
S 6	22 59 27	13 <sup>h</sup> 26'08	0 <sup>h</sup> 37	0 <sup>h</sup> 44	22 <sup>h</sup> 44	19 <sup>h</sup> 48	4 <sup>h</sup> 37	7 <sup>h</sup> 19	19 <sup>h</sup> 41	21 <sup>h</sup> 57	17 <sup>h</sup> 32	9 <sup>h</sup> 07	8 <sup>h</sup> 58	27 <sup>h</sup> 26	7 <sup>h</sup> 00	S 6
M 7	23 03 24	14 <sup>h</sup> 24'02	12 <sup>h</sup> 27	2 <sup>h</sup> 36	23 <sup>h</sup> 57	20 <sup>h</sup> 20	4 <sup>h</sup> 35	7 <sup>h</sup> 22	19 <sup>h</sup> 40	21 <sup>h</sup> 56	17 <sup>h</sup> 33	8 <sup>h</sup> 58	8 <sup>h</sup> 55	27 <sup>h</sup> 33	6 <sup>h</sup> 59	M 7
T 8	23 07 20	15 <sup>h</sup> 21'56	25 <sup>h</sup> 03	4 <sup>h</sup> 30	25 <sup>h</sup> 11	20 <sup>h</sup> 53	4 <sup>h</sup> 32	7 <sup>h</sup> 24	19 <sup>h</sup> 38	21 <sup>h</sup> 54	17 <sup>h</sup> 34	8 <sup>h</sup> 47	8 <sup>h</sup> 51	27 <sup>h</sup> 39	6 <sup>h</sup> 57	T 8
W 9	23 11 17	16 <sup>h</sup> 19'52	7 <sup>h</sup> 35	6 <sup>h</sup> 26	26 <sup>h</sup> 24	21 <sup>h</sup> 25	4 <sup>h</sup> 29	7 <sup>h</sup> 27	19 <sup>h</sup> 37	21 <sup>h</sup> 53	17 <sup>h</sup> 34	8 <sup>h</sup> 34	8 <sup>h</sup> 48	27 <sup>h</sup> 46	6 <sup>h</sup> 56	W 9
T 10	23 15 13	17 <sup>h</sup> 17'50	21 <sup>h</sup> 04	8 <sup>h</sup> 22	27 <sup>h</sup> 38	21 <sup>h</sup> 58	4 <sup>h</sup> 26	7 <sup>h</sup> 30	19 <sup>h</sup> 37	21 <sup>h</sup> 51	17 <sup>h</sup> 35	8 <sup>h</sup> 22	8 <sup>h</sup> 45	27 <sup>h</sup> 53	6 <sup>h</sup> 54	T 10
F 11	23 19 10	18 <sup>h</sup> 15'49	4 <sup>h</sup> 42	10 <sup>h</sup> 19	28 <sup>h</sup> 52	22 <sup>h</sup> 32	4 <sup>h</sup> 23	7 <sup>h</sup> 33	19 <sup>h</sup> 36	21 <sup>h</sup> 50	17 <sup>h</sup> 36	8 <sup>h</sup> 10	8 <sup>h</sup> 42	27 <sup>h</sup> 59	6 <sup>h</sup> 53	F 11
S 12	23 23 06	19 <sup>h</sup> 13'49	18 <sup>h</sup> 04	12 <sup>h</sup> 17	0 <sup>h</sup> 45	23 <sup>h</sup> 05	4 <sup>h</sup> 19	7 <sup>h</sup> 36	19 <sup>h</sup> 35	21 <sup>h</sup> 48	17 <sup>h</sup> 37	8 <sup>h</sup> 01	8 <sup>h</sup> 39	28 <sup>h</sup> 06	6 <sup>h</sup> 51	S 12
S 13	23 27 03	20 <sup>h</sup> 11'52	1 <sup>h</sup> 35	14 <sup>h</sup> 15	1 <sup>h</sup> 19	23 <sup>h</sup> 39	4 <sup>h</sup> 15	7 <sup>h</sup> 39	19 <sup>h</sup> 34	21 <sup>h</sup> 47	17 <sup>h</sup> 38	7 <sup>h</sup> 54	8 <sup>h</sup> 35	28 <sup>h</sup> 13	6 <sup>h</sup> 50	S 13
M14	23 31 00	21 <sup>h</sup> 09'56	15 <sup>h</sup> 44	16 <sup>h</sup> 12	2 <sup>h</sup> 33	24 <sup>h</sup> 13	4 <sup>h</sup> 12	7 <sup>h</sup> 42	19 <sup>h</sup> 33	21 <sup>h</sup> 46	17 <sup>h</sup> 38	7 <sup>h</sup> 50	8 <sup>h</sup> 32	28 <sup>h</sup> 19	6 <sup>h</sup> 48	M14
T 15	23 34 56	22 <sup>h</sup> 08'02	29 <sup>h</sup> 42	18 <sup>h</sup> 09	3 <sup>h</sup> 46	24 <sup>h</sup> 47	4 <sup>h</sup> 08	7 <sup>h</sup> 45	19 <sup>h</sup> 33	21 <sup>h</sup> 44	17 <sup>h</sup> 39	7 <sup>h</sup> 49	8 <sup>h</sup> 29	28 <sup>h</sup> 26	6 <sup>h</sup> 46	T 15
W16	23 38 53	23 <sup>h</sup> 06'11	13 <sup>h</sup> 46	20 <sup>h</sup> 06	5 <sup>h</sup> 00	25 <sup>h</sup> 22	4 <sup>h</sup> 03	7 <sup>h</sup> 49	19 <sup>h</sup> 32	21 <sup>h</sup> 43	17 <sup>h</sup> 40	7 <sup>h</sup> 49	8 <sup>h</sup> 26	28 <sup>h</sup> 33	6 <sup>h</sup> 44	W16
T 17	23 42 49	24 <sup>h</sup> 04'21	27 <sup>h</sup> 52	22 <sup>h</sup> 02	6 <sup>h</sup> 14	25 <sup>h</sup> 57	3 <sup>h</sup> 59	7 <sup>h</sup> 52	19 <sup>h</sup> 31	21 <sup>h</sup> 42	17 <sup>h</sup> 41	7 <sup>h</sup> 49	8 <sup>h</sup> 23	28 <sup>h</sup> 39	6 <sup>h</sup> 43	T 17
F 18	23 46 46	25 <sup>h</sup> 02'33	12 <sup>h</sup> 51	23 <sup>h</sup> 57	7 <sup>h</sup> 28	26 <sup>h</sup> 32	3 <sup>h</sup> 54	7 <sup>h</sup> 56	19 <sup>h</sup> 31	21 <sup>h</sup> 40	17 <sup>h</sup> 41	7 <sup>h</sup> 48	8 <sup>h</sup> 20	28 <sup>h</sup> 46	6 <sup>h</sup> 41	F 18
S 19	23 50 42	26 <sup>h</sup> 04'47	26 <sup>h</sup> 11	25 <sup>h</sup> 52	8 <sup>h</sup> 42	27 <sup>h</sup> 07	3 <sup>h</sup> 50	7 <sup>h</sup> 59	19 <sup>h</sup> 30	21 <sup>h</sup> 39	17 <sup>h</sup> 42	7 <sup>h</sup> 45	8 <sup>h</sup> 16	28 <sup>h</sup> 53	6 <sup>h</sup> 39	S 19
S 20	23 54 39	26 <sup>h</sup> 59'04	10 <sup>h</sup> 20	27 <sup>h</sup> 45	9 <sup>h</sup> 56	27 <sup>h</sup> 43	3 <sup>h</sup> 45	8 <sup>h</sup> 03	19 <sup>h</sup> 30	21 <sup>h</sup> 38	17 <sup>h</sup> 43	7 <sup>h</sup> 39	8 <sup>h</sup> 13	28 <sup>h</sup> 59	6 <sup>h</sup> 37	S 20
M21	23 58 35	27 <sup>h</sup> 57'22	24 <sup>h</sup> 25	29 <sup>h</sup> 37	11 <sup>h</sup> 10	28 <sup>h</sup> 18	3 <sup>h</sup> 40	8 <sup>h</sup> 07	19 <sup>h</sup> 29	21 <sup>h</sup> 37	17 <sup>h</sup> 43	7 <sup>h</sup> 31	8 <sup>h</sup> 10	29 <sup>h</sup> 06	6 <sup>h</sup> 35	M21
T 22	0 02 32	28 <sup>h</sup> 55'42	8 <sup>h</sup> 21	1 <sup>h</sup> 29	12 <sup>h</sup> 24	28 <sup>h</sup> 54	3 <sup>h</sup> 34	8 <sup>h</sup> 11	19 <sup>h</sup> 29	21 <sup>h</sup> 35	17 <sup>h</sup> 44	7 <sup>h</sup> 21	8 <sup>h</sup> 07	29 <sup>h</sup> 13	6 <sup>h</sup> 33	T 22
W23	0 06 29	29 <sup>h</sup> 54'03	22 <sup>h</sup> 06	3 <sup>h</sup> 19	13 <sup>h</sup> 38	29 <sup>h</sup> 31	3 <sup>h</sup> 29	8 <sup>h</sup> 14	19 <sup>h</sup> 29	21 <sup>h</sup> 34	17 <sup>h</sup> 45	7 <sup>h</sup> 10	8 <sup>h</sup> 04	29 <sup>h</sup> 19	6 <sup>h</sup> 31	W23
T 24	0 10 25	0 <sup>h</sup> 52'27	5 <sup>h</sup> 35	5 <sup>h</sup> 09	14 <sup>h</sup> 52	0 <sup>h</sup> 37	3 <sup>h</sup> 23	8 <sup>h</sup> 19	19 <sup>h</sup> 28	21 <sup>h</sup> 33	17 <sup>h</sup> 45	6 <sup>h</sup> 59	8 <sup>h</sup> 01	29 <sup>h</sup> 26	6 <sup>h</sup> 29	T 24
F 25	0 14 22	1 <sup>h</sup> 50'52	18 <sup>h</sup> 45	6 <sup>h</sup> 57	16 <sup>h</sup> 06	0 <sup>h</sup> 44	3 <sup>h</sup> 18	8 <sup>h</sup> 23	19 <sup>h</sup> 28	21 <sup>h</sup> 32	17 <sup>h</sup> 46	6 <sup>h</sup> 49	7 <sup>h</sup> 57	29 <sup>h</sup> 33	6 <sup>h</sup> 27	F 25
S 26	0 18 18	2 <sup>h</sup> 49'20	1 <sup>h</sup> 36	8 <sup>h</sup> 44	17 <sup>h</sup> 21	1 <sup>h</sup> 21	3 <sup>h</sup> 12	8 <sup>h</sup> 27	19 <sup>h</sup> 28	21 <sup>h</sup> 31	17 <sup>h</sup> 46	6 <sup>h</sup> 42	7 <sup>h</sup> 54	29 <sup>h</sup> 39	6 <sup>h</sup> 24	S 26
S 27	0 22 15	3 <sup>h</sup> 47'49	14 <sup>h</sup> 09	10 <sup>h</sup> 30	18 <sup>h</sup> 35	1 <sup>h</sup> 58	3 <sup>h</sup> 06	8 <sup>h</sup> 31	19 <sup>h</sup> 28	21 <sup>h</sup> 30	17 <sup>h</sup> 47	6 <sup>h</sup> 37	7 <sup>h</sup> 51	29 <sup>h</sup> 46	6 <sup>h</sup> 22	S 27
M28	0 26 11	4 <sup>h</sup> 46'19	26 <sup>h</sup> 24	12 <sup>h</sup> 15	19 <sup>h</sup> 49	2 <sup>h</sup> 35	3 <sup>h</sup> 00	8 <sup>h</sup> 35	19 <sup>h</sup> 28	21 <sup>h</sup> 28	17 <sup>h</sup> 47	6 <sup>h</sup> 34	7 <sup>h</sup> 48	29 <sup>h</sup> 53	6 <sup>h</sup> 20	M28
T 29	0 30 08	5 <sup>h</sup> 44'52	8 <sup>h</sup> 26	13 <sup>h</sup> 59	21 <sup>h</sup> 03	3 <sup>h</sup> 13	2 <sup>h</sup> 53	8 <sup>h</sup> 40	19 <sup>h</sup> 28	21 <sup>h</sup> 27	17 <sup>h</sup> 48	6 <sup>h</sup> 34	7 <sup>h</sup> 45	29 <sup>h</sup> 59	6 <sup>h</sup> 18	T 29
W30	0 34 04	6 <sup>h</sup> 43'26	20 <sup>h</sup> 19	15 <sup>h</sup> 42	22 <sup>h</sup> 18	3 <sup>h</sup> 50	2 <sup>h</sup> 47	8 <sup>h</sup> 44	19 <sup>h</sup> 28	21 <sup>h</sup> 26	17 <sup>h</sup> 48	6 <sup>h</sup> 35	7 <sup>h</sup> 41	0 <sup>h</sup> 36	6 <sup>h</sup> 15	W30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	8n19	20s57	0s46	14n40	0n35	16n22	0n36	25s33	2s50	11n43	1s26	19s39	1n48	22s21	0s28	14s12	0s 6	18n23	3s52	21s46	21s45	21s45	13n21	0s31					
W 2	7 57	21 56	0n17	14 19	0 46	16 2	0 38	25 36	2 49	11 42	1 27	19 40	1 47	22 21	0 28	14 13	0 6	18 23	3 52	21 46	21 45	21 44	13 20	0 31					
T 3	7 35	21 55	1 18	13 55	0 56	15 42	0 40	25 38	2 49	11 41	1 27	19 40	1 47	22 22	0 28	14 13	0 6	18 23	3 52	21 46	21 44	21 44	13 20	0 31					
F 4	7 13	20 56	2 17	13 28	1 6	15 21	0 43	25 40	2 48	11 40	1 27	19 41	1 47	22 22	0 28	14 14	0 6	18 23	3 52	21 46	21 44	21 43	13 20	0 31					
S 5	6 51	19 1	3 10	12 59	1 14	15 0	0 45	25 42	2 48	11 39	1 27	19 41	1 47	22 22	0 27	14 14	0 6	18 23	3 52	21 45	21 43	21 42	13 19	0 31					
S 6	6 29	16 14	3 55	12 27	1 21	14 38	0 47	25 44	2 47	11 38	1 28	19 42	1 46	22 22	0 27	14 15	0 6	18 23	3 52	21 44	21 43	21 42	13 18	0 31					
M 7	6 7	12 41	4 30	11 52	1 28	14 16	0 49	25 46	2 47	11 37	1 28	19 43	1 46	22 22	0 27	14 15	0 7	18 22	3 52	21 43	21 42	21 41	13 18	0 31					
T 8	5 45	8 32	4 52	11 16	1 33	13 53	0 51	25 48	2 46	11 36	1 28	19 43	1 46	22 22	0 27	14 16	0 7	18 22	3 52	21 41	21 42	21 40	13 17	0 32					
W 9	5 22	3 55	5 1	10 38	1 37	13 30	0 53	25 50	2 45	11 35	1 28	19 44	1 46	22 23	0 27	14 16	0 7	18 22	3 52	21 39	21 41	21 39	13 17	0 32					
T 10	5 0	0n58	4 53	9 58	1 41	13 7	0 55	25 51	2 45	11 34	1 28	19 45	1 46	22 23	0 27	14 16	0 7	18 22	3 52	21 37	21 41	21 39	13 16	0 32					
F 11	4 37	5 54	4 30	9 16	1 44	12 44	0 57	25 53	2 44	11 32	1 29	19 45	1 45	22 23	0 27	14 17	0 7	18 22	3 52	21 35	21 40	21 38	13 16	0 32					
S 12	4 15	10 37	3 51	8 33	1 45	12 20	0 59	25 54	2 44	11 31	1 29	19 46	1 45	22 23	0 27	14 17	0 7	18 22	3 52	21 34	21 40	21 37	13 15	0 32					
S 13	3 52	14 51	2 58	7 49	1 46	11 55	1 1	25 55	2 43	11 30	1 29	19 47	1 45	22 23	0 27	14 18	0 7	18 22	3 52	21 33	21 39	21 37	13 14	0 32					
M14	3 29	18 19	1 54	7 4	1 47	11 31	1 3	25 56	2 42	11 28	1 29	19 48	1 45	22 23	0 27	14 18	0 7	18 21	3 52	21 32	21 39	21 36	13 14	0 32					
T 15	3 7	20 43	0 43	6 18	1 46	11 6	1 5	25 57	2 42	11 27	1 30	19 48	1 44	22 23	0 27	14 19	0 7	18 21	3 52	21 32	21 38	21 35	13 13	0 32					
W16	2 44	21 51	0s32	5 31	1 45	10 40	1 6	25 57	2 41	11 25	1 30	19 49	1 44	22 23	0 27	14 19	0 7	18 21	3 52	21 32	21 38	21 34	13 12	0 32					
T 17	2 21	21 36	1 44	4 44	1 43	10 15	1 8	25 58	2 40	11 23	1 30	19 50	1 44	22 23	0 27	14 20	0 7	18 21	3 52	21 32	21 37	21 33	13 12	0 32					
F 18	1 58	19 58	2 51	3 56	1 41	9 49	1 9	25 58	2 40	11 22	1 30	19 51	1 44	22 23	0 27	14 20	0 7	18 21	3 52	21 32	21 37	21 33	13 11	0 32					
S 19	1 35	17 7	3 47	3 9	1 38	9 23	1 11	25 58	2 39	11 20	1 30	19 51	1 44	22 23	0 27	14 20	0 7	18 21	3 52	21 31	21 36	21 32	13 10	0 33					
S 20	1 12	13 16	4 29	2 21	1 35	8 56	1 12	25 58	2 38	11 18	1 30	19 52	1 43	22 23	0 27	14 21	0 7	18 21	3 52	21 30	21 36	21 31	13 10	0 33					
M21	0 49	8 42	4 55	1 33	1 31	8 29	1 14	25 58	2 38	11 16	1 31	19 53	1 43	22 24	0 27	14 21	0 7	18 21	3 52	21 29	21 35	21 30	13 9	0 33					
T 22	0 25	3 43	5 2	0 45	1 27	8 2	1 15	25 58	2 37	11 14	1 31	19 54	1 43	22 24	0 27	14 22	0 7	18 21	3 52	21 27	21 35	21 30	13 8	0 33					
W23	0 2	1s22	4 52	0s 3	1 22	7 35	1 16	25 57	2 36	11 12	1 31	19 55	1 43	22 24	0 27	14 22	0 7	18 20	3 52	21 26	21 34	21 29	13 7	0 33					
T 24	0s21	6 17	4 26	0 51	1 17	7 8	1 17	25 57	2 36	11 10	1 31	19 55	1 43	22 24	0 27	14 22	0 7	18 20	3 52	21 24	21 34	21 28	13 7	0 33					
F 25	0 44	10 49	3 46	1 39	1 12	6 40	1 19	25 56	2 35	11 8	1 31	19 56	1 42	22 24	0 27	14 23	0 7	18 20	3 52	21 22	21 33	21 27	13 6	0 33					
S 26	1 7	14 44	2 55	2 26	1 7	6 12	1 20	25 55	2 34	11 6	1 31	19 57	1 42	22 24	0 27	14 23	0 7	18 20	3 52	21 21	21 33	21 26	13 5	0 33					
S 27	1 30	17 53	1 57	3 13	1 1	5 44	1 21	25 54	2 33	11 4	1 32	19 58	1 42	22 24	0 27	14 24	0 7	18 20	3 52	21 20	21 32	21 26	13 4	0 33					
M28	1 53	20 9	0 54	3 59	0 55	5 16	1 22	25 52	2 33	11 2	1 32	19 59	1 42	22 24	0 27	14 24	0 7	18 20	3 52	21 20	21 32	21 25	13 3	0 33					
T 29	2 16	21 28	0n10	4 45	0 49	4 48	1 22	25 51	2 32	10 59	1 32	20 0	1 42	22 24	0 27	14 24	0 7	18 20	3 53	21 20	21 31	21 24	13 3	0 33					
W30	2s40	21s47	1n13	5s30	0n42	4n19	1n23	25s49	2s31	10n57	1s32	20s 1	1n41	22s24	0s27	14s25	0s 7	18n20	3s53	21s20	21s31	21s23	13n 2	0s34					

## ASTRODIENST EPHEMERIS for the year 2663

OCTOBER 2663

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 38 1	7 <sup>h</sup> 42'01	2 <sup>h</sup> 38' 8	17 <sup>h</sup> 24'24	23 <sup>h</sup> 32'32	4 <sup>h</sup> 32'28	2°R40	8 <sup>h</sup> 49'49	19 <sup>h</sup> 38'28	21°R25	17 <sup>h</sup> 54'48	6°R35	7 <sup>h</sup> 38'38	0 <sup>h</sup> 32'12	6°R13	T 1
F 2	0 41 58	8°40'38	13°58	19° 4	24°46	5° 6	2 <sup>h</sup> 34	8°53	19°28	21°24	17°49	6°35	7°35	0°19	6°11	F 2
S 3	0 45 54	9°39'17	25°54	20°44	26° 1	5°45	2°27	8°58	19°28	21°23	17°49	6°34	7°32	0°26	6° 8	S 3
S 4	0 49 51	10°37'58	8 <sup>h</sup> 3	22°23	27°15	6°23	2°20	9° 3	19°28	21°23	17°50	6°30	7°29	0°32	6° 6	S 4
M 5	0 53 47	11°36'40	20°27	24° 1	28°30	7° 2	2°13	9° 8	19°29	21°22	17°50	6°24	7°26	0°39	6° 3	M 5
T 6	0 57 44	12°35'24	3 <sup>h</sup> 10	25°38	29°44	7°41	2° 6	9°12	19°29	21°21	17°50	6°17	7°22	0°46	6° 1	T 6
W 7	1 1 40	13°34'09	16°15	27°14	0 <sup>h</sup> 59	8°20	1°59	9°17	19°29	21°20	17°50	6° 8	7°19	0°52	5°59	W 7
T 8	1 5 37	14°32'57	29°40	28°49	2°13	8°59	1°51	9°22	19°30	21°19	17°51	5°59	7°16	0°59	5°56	T 8
F 9	1 9 33	15°31'46	13 <sup>h</sup> 25	0 <sup>h</sup> 23	3°28	9°38	1°44	9°28	19°30	21°18	17°51	5°51	7°13	1° 6	5°54	F 9
S 10	1 13 30	16°30'37	27°25	1°56	4°42	10°18	1°36	9°33	19°31	21°17	17°51	5°44	7°10	1°12	5°51	S 10
S 11	1 17 26	17°29'30	11 <sup>h</sup> 37	3°29	5°57	10°57	1°29	9°38	19°32	21°17	17°51	5°40	7° 6	1°19	5°48	S 11
M12	1 21 23	18°28'26	25°56	5° 0	7°12	11°37	1°21	9°43	19°32	21°16	17°52	5°37	7° 3	1°26	5°46	M12
T 13	1 25 20	19°27'24	10 <sup>h</sup> 11	6°31	8°26	12°17	1°13	9°49	19°33	21°15	17°52	5°D37	7° 0	1°32	5°43	T 13
W14	1 29 16	20°26'24	24°36	8° 1	9°41	12°57	1° 6	9°54	19°34	21°15	17°52	5°38	6°57	1°39	5°41	W14
T 15	1 33 13	21°25'26	8 <sup>h</sup> 51	9°30	10°56	13°37	0°58	9°59	19°34	21°14	17°52	5°39	6°54	1°46	5°38	T 15
F 16	1 37 9	22°24'30	22°59	10°58	12°11	14°18	0°50	10° 5	19°35	21°14	17°52	5°R40	6°51	1°52	5°35	F 16
S 17	1 41 6	23°23'37	7 <sup>h</sup> 0	12°25	13°25	14°58	0°42	10°11	19°36	21°13	17°52	5°39	6°47	1°59	5°33	S 17
S 18	1 45 2	24°22'46	20°52	13°51	14°40	15°39	0°34	10°16	19°37	21°12	17°52	5°36	6°44	2° 6	5°30	S 18
M19	1 48 59	25°21'57	4 <sup>h</sup> 35	15°16	15°55	16°20	0°26	10°22	19°38	21°12	17°R52	5°32	6°41	2°12	5°27	M19
T 20	1 52 55	26°21'11	18° 6	16°41	17°10	17° 1	0°18	10°28	19°39	21°11	17°52	5°26	6°38	2°19	5°24	T 20
W21	1 56 52	27°20'27	1 <sup>h</sup> 25	18° 4	18°25	17°42	0°10	10°33	19°40	21°11	17°52	5°19	6°35	2°26	5°22	W21
T 22	2 0 49	28°19'44	14°30	19°27	19°40	18°23	0° 2	10°39	19°41	21°11	17°52	5°13	6°32	2°32	5°19	T 22
F 23	2 4 45	29°19'04	27°20	20°48	20°55	19° 4	29°V53	10°45	19°43	21°10	17°52	5° 7	6°28	2°39	5°16	F 23
S 24	2 8 42	0 <sup>h</sup> 18'26	9 <sup>h</sup> 56	22° 9	22°10	19°46	29°45	10°51	19°44	21°10	17°52	5° 3	6°25	2°46	5°13	S 24
S 25	2 12 38	1°17'50	22°18	23°28	23°24	20°27	29°37	10°57	19°45	21°10	17°52	5° 1	6°22	2°52	5°11	S 25
M26	2 16 35	2°17'16	4 <sup>h</sup> 26	24°46	24°39	21° 9	29°29	11° 3	19°47	21° 9	17°51	5°D 0	6°19	2°59	5° 8	M26
T 27	2 20 31	3°16'44	16°25	26° 3	25°54	21°51	29°21	11° 9	19°48	21° 9	17°51	5° 0	6°16	3° 6	5° 5	T 27
W28	2 24 28	4°16'14	28°16	27°19	27° 9	22°33	29°13	11°15	19°49	21° 9	17°51	5° 2	6°12	3°12	5° 2	W28
T 29	2 28 24	5°15'45	10 <sup>h</sup> 3	28°33	28°24	23°15	29° 5	11°22	19°51	21° 9	17°51	5° 4	6° 9	3°19	5° 0	T 29
F 30	2 32 21	6°15'18	21°53	29°45	29°39	23°57	28°57	11°28	19°52	21° 9	17°51	5° 5	6° 6	3°26	4°57	F 30
S 31	2 36 18	7 <sup>h</sup> 14'53	3 <sup>h</sup> 49	0 <sup>h</sup> 56	0 <sup>h</sup> 55	24°39	28°V49	11 <sup>h</sup> 34	19°54	21° 9	17°50	5°R 6	6 <sup>h</sup> 3	3°32	4°54	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
T 1	3s 3	21s 7	2n13	6s15	0n36	3n51	1n24	2s34	2s30	10n55	1s32	20s 1	1n41	22s24	0s27	T 1
F 2	3 26	19 32	3 7	7 0	0 29	3 22	1 25	25 45	2 29	10 52	1 32	20 2	1 41	22 24	0 27	F 2
S 3	3 49	17 4	3 53	7 44	0 22	2 53	1 25	25 42	2 29	10 50	1 32	20 3	1 41	22 24	0 27	S 3
S 4	4 12	13 50	4 30	8 27	0 15	2 24	1 26	25 40	2 28	10 48	1 32	20 4	1 41	22 23	0 27	S 4
M 5	4 35	9 57	4 55	9 10	0 8	1 55	1 26	25 37	2 27	10 45	1 32	20 5	1 40	22 23	0 27	M 5
T 6	4 57	5 33	5 6	9 52	0 1	1 26	1 27	25 34	2 26	10 43	1 33	20 6	1 40	22 23	0 27	T 6
W 7	5 20	0 46	5 2	10 33	0s 6	0 57	1 27	25 31	2 25	10 40	1 33	20 7	1 40	22 23	0 27	W 7
T 8	5 43	4n10	4 41	11 14	0 14	0 27	1 27	25 27	2 25	10 37	1 33	20 8	1 40	22 23	0 27	T 8
F 9	6 6	9 1	4 4	11 54	0 21	0s 2	1 27	25 24	2 24	10 35	1 33	20 9	1 40	22 23	0 27	F 9
S 10	6 28	13 29	3 11	12 33	0 28	0 31	1 28	25 20	2 23	10 32	1 33	20 10	1 40	22 23	0 27	S 10
S 11	6 51	17 16	2 6	13 11	0 35	1 1	1 28	25 16	2 22	10 30	1 33	20 11	1 39	22 23	0 27	S 11
M12	7 13	20 1	0 52	13 49	0 43	1 30	1 28	25 11	2 21	10 27	1 33	20 12	1 39	22 23	0 27	M12
T 13	7 35	21 30	0s25	14 26	0 50	2 0	1 28	25 7	2 20	10 24	1 33	20 13	1 39	22 23	0 27	T 13
W14	7 57	21 34	1 41	15 2	0 57	2 29	1 27	25 2	2 19	10 21	1 33	20 13	1 39	22 23	0 27	W14
T 15	8 19	20 14	2 50	15 37	1 4	2 58	1 27	24 57	2 19	10 19	1 33	20 14	1 39	22 22	0 27	T 15
F 16	8 41	17 39	3 48	16 12	1 11	3 28	1 27	24 52	2 18	10 16	1 33	20 15	1 38	22 22	0 27	F 16
S 17	9 3	14 3	4 32	16 45	1 18	3 57	1 27	24 47	2 17	10 13	1 33	20 16	1 38	22 22	0 27	S 17
S 18	9 25	9 44	5 0	17 18	1 25	4 26	1 26	24 41	2 16	10 10	1 33	20 17	1 38	22 22	0 27	S 18
M19	9 47	4 59	5 10	17 50	1 32	4 55	1 26	24 35	2 15	10 8	1 33	20 18	1 38	22 22	0 27	M19
T 20	10 8	0 2	5 3	18 21	1 39	5 24	1 25	24 29	2 14	10 5	1 33	20 19	1 38	22 22	0 27	T 20
W21	10 29	4s50	4 39	18 50	1 46	5 53	1 25	24 23	2 13	10 2	1 33	20 20	1 38	22 21	0 27	W21
T 22	10 51	9 24	4 1	19 19	1 52	6 22	1 24	24 17	2 12	9 59	1 33	20 21	1 38	22 21	0 27	T 22
F 23	11 11	13 28	3 11	19 47	1 58	6 51	1 23	24 10	2 11	9 56	1 33	20 22	1 37	22 21	0 27	F 23
S 24	11 32	16 50	2 13	20 14	2 4	7 19	1 22	24 3	2 10	9 54	1 33	20 23	1 37	22 21	0 27	S 24
S 25	11 53	19 23	1 9	20 40	2 10	7 48	1 22	23 56	2 9	9 51	1 33	20 24	1 37	22 21	0 27	S 25
M26	12 13	21 0	0 3	21 5	2 16	8 16	1 21	23 49	2 8	9 48	1 33	20 25	1 37	22 21	0 27	M26
T 27	12 34	21 38	1n 2	21 29	2 21	8 44	1 20	23 41	2 7	9 45	1 33	20 26	1 37	22 20	0 27	T 27
W28	12 54	21 16	2 4	21 52	2 27	9 12	1 19	23 33	2 6	9 43	1 33	20 27	1 37	22 20	0 27	W28
T 29	13 14	19 58	3 1	22 13	2 31	9 40	1 18	23 25	2 5	9 40	1 33	20 28	1 37	22 20	0 27	T 29
F 30	13 33	17 48	3 50	22 34	2 36	10 7	1 16	23 17	2 4	9 37	1 33	20 29	1 36	22 20	0 27	F 30
S 31	13s53	14s52	4n29	22s53	2s40	10s34	1n15	23s 8	2s 3	9n34	1s32	20s30	1n36	22s19	0s27	S 31

Julian Day Number = 2693973.5, Delta T = 24m34s

Ecliptic obliquity = 23°21'08, Nutation = 0°00'16

Ayanamsha: Fagan/Bradley = 34°01'31, Lahiri = 33°08'31

# ASTRODIENST EPHEMERIS for the year 2663

NOVEMBER 2663

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 40 14	8♈14°30	15♈56	2♈5	2♈10	25♈22	28°R41	11♈41	19♈56	21°R 8	17°R50	5°R 6	6♈0	3♈39	4°R51	S 1
M 2	2 44 11	9°14'08	28°19	3°12	3°25	26° 4	28°Y33	11°47	19°57	21°R 8	17°R50	5°R 4	5°57	3°46	4♈49	M 2
T 3	2 48 7	10°13'48	11♈2	4°16	4°40	26°47	28°25	11°53	19°59	21°D 8	17°49	5° 2	5°53	3°52	4°46	T 3
W 4	2 52 4	11°13'29	24° 9	5°18	5°55	27°30	28°18	12° 0	20° 1	21° 8	17°49	4°59	5°50	3°59	4°43	W 4
T 5	2 56 0	12°13'12	7°Y40	6°18	7°10	28°12	28°10	12° 6	20° 3	21° 8	17°49	4°55	5°47	4° 6	4°40	T 5
F 6	2 59 57	13°12'57	21°36	7°14	8°25	28°55	28° 3	12°13	20° 5	21° 9	17°48	4°52	5°44	4°12	4°38	F 6
S 7	3 3 53	14°12'44	5♈53	8° 7	9°40	29°38	27°55	12°19	20° 6	21° 9	17°48	4°49	5°41	4°19	4°35	S 7
S 8	3 7 50	15°12'33	20°27	8°56	10°55	0♈21	27°48	12°26	20° 8	21° 9	17°47	4°48	5°38	4°26	4°32	S 8
M 9	3 11 47	16°12'24	5♈12	9°42	12°11	1° 4	27°40	12°33	20°10	21° 9	17°47	4°D47	5°34	4°32	4°30	M 9
T 10	3 15 43	17°12'17	20° 0	10°22	13°26	1°48	27°33	12°39	20°12	21° 9	17°46	4°48	5°31	4°39	4°27	T 10
W 11	3 19 40	18°12'12	4♈44	10°58	14°41	2°31	27°26	12°46	20°15	21°10	17°46	4°49	5°28	4°46	4°24	W 11
T 12	3 23 36	19°12'09	19°19	11°28	15°56	3°14	27°19	12°53	20°17	21°10	17°45	4°50	5°25	4°52	4°21	T 12
F 13	3 27 33	20°12'08	3♈40	11°52	17°11	3°58	27°12	12°59	20°19	21°10	17°45	4°51	5°22	4°59	4°19	F 13
S 14	3 31 29	21°12'09	17°44	12° 9	18°26	4°41	27° 6	13° 6	20°21	21°11	17°44	4°R52	5°18	5° 5	4°16	S 14
S 15	3 35 26	22°12'12	1♈31	12°18	19°42	5°25	26°59	13°13	20°23	21°11	17°44	4°51	5°15	5°12	4°14	S 15
M 16	3 39 22	23°12'18	15° 0	12°R19	20°57	6° 9	26°52	13°20	20°26	21°11	17°43	4°51	5°12	5°19	4°11	M 16
T 17	3 43 19	24°12'25	28°13	12°12	22°12	6°53	26°46	13°27	20°28	21°12	17°42	4°50	5° 9	5°25	4° 8	T 17
W 18	3 47 16	25°12'35	11♈10	11°55	23°27	7°36	26°40	13°34	20°30	21°12	17°42	4°48	5° 6	5°32	4° 6	W 18
T 19	3 51 12	26°12'46	23°53	11°29	24°43	8°20	26°34	13°41	20°33	21°13	17°41	4°47	5° 3	5°39	4° 3	T 19
F 20	3 55 9	27°12'59	6♈23	10°52	25°58	9° 4	26°28	13°48	20°35	21°13	17°40	4°46	4°59	5°45	4° 1	F 20
S 21	3 59 5	28°13'15	18°42	10° 6	27°13	9°49	26°22	13°55	20°38	21°14	17°39	4°45	4°56	5°52	3°58	S 21
S 22	4 3 2	29°13'32	0♈50	9°10	28°29	10°33	26°17	14° 2	20°40	21°15	17°39	4°D45	4°53	5°59	3°56	S 22
M 23	4 6 58	0♈13'50	12°50	8° 6	29°44	11°17	26°11	14° 9	20°43	21°15	17°38	4°45	4°50	6° 5	3°54	M 23
T 24	4 10 55	1°14'11	24°44	6°55	0♈59	12° 1	26° 6	14°16	20°45	21°16	17°37	4°45	4°47	6°12	3°51	T 24
W 25	4 14 51	2°14'33	6♈33	5°38	2°15	12°46	26° 1	14°23	20°48	21°17	17°36	4°46	4°43	6°19	3°49	W 25
T 26	4 18 48	3°14'56	18°21	4°18	3°30	13°30	25°56	14°30	20°51	21°18	17°36	4°46	4°40	6°25	3°46	T 26
F 27	4 22 45	4°15'21	0♈10	2°57	4°45	14°14	25°51	14°37	20°53	21°18	17°35	4°46	4°37	6°32	3°44	F 27
S 28	4 26 41	5°15'47	12° 5	1°38	6° 1	14°59	25°46	14°44	20°56	21°19	17°34	4°R46	4°34	6°39	3°42	S 28
S 29	4 30 38	6°16'14	24°10	0°24	7°16	15°44	25°42	14°51	20°59	21°20	17°33	4°46	4°31	6°45	3°40	S 29
M 30	4 34 34	7♈16'43	6♈29	29♈17	8♈31	16°28	25°Y38	14♈58	21♈2	21°21	17°32	4°D46	4♈28	6♈52	3♈37	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	14s12	11s16	4n57	23s11	2s44	11s 1	1n14	23s 0	2s 3	9n32	1s32	20s31	1n36	22s19	0s27	14s31
M 2	14 31	7 7	5 13	23 28	2 48	11 28	1 13	22 51	2 2	9 29	1 32	20 32	1 36	22 19	0 27	14 31
T 3	14 50	2 34	5 13	23 43	2 51	11 54	1 11	22 42	2 1	9 26	1 32	20 33	1 36	22 19	0 27	14 31
W 4	15 9	2n14	4 57	23 57	2 53	12 21	1 10	22 32	2 0	9 24	1 32	20 34	1 36	22 18	0 27	14 31
T 5	15 27	7 5	4 25	24 10	2 55	12 47	1 8	22 23	1 59	9 21	1 32	20 35	1 36	22 18	0 27	14 31
F 6	15 45	11 44	3 36	24 21	2 57	13 12	1 7	22 13	1 58	9 19	1 32	20 36	1 35	22 18	0 27	14 31
S 7	16 3	15 50	2 33	24 30	2 58	13 37	1 5	22 3	1 57	9 16	1 32	20 37	1 35	22 17	0 27	14 31
S 8	16 20	19 4	1 18	24 38	2 58	14 2	1 4	21 53	1 55	9 14	1 32	20 38	1 35	22 17	0 27	14 30
M 9	16 38	21 3	0s 2	24 45	2 57	14 27	1 2	21 42	1 54	9 11	1 31	20 39	1 35	22 17	0 27	14 30
T 10	16 55	21 36	1 23	24 49	2 56	14 51	1 0	21 32	1 53	9 9	1 31	20 40	1 35	22 16	0 27	14 30
W 11	17 11	20 38	2 38	24 52	2 54	15 15	0 59	21 21	1 52	9 6	1 31	20 41	1 35	22 16	0 27	14 30
T 12	17 28	18 18	3 42	24 53	2 50	15 38	0 57	21 10	1 51	9 4	1 31	20 42	1 35	22 16	0 26	14 30
F 13	17 44	14 52	4 31	24 52	2 46	16 2	0 55	20 59	1 50	9 2	1 31	20 43	1 35	22 16	0 26	14 30
S 14	18 0	10 39	5 3	24 49	2 40	16 24	0 53	20 47	1 49	9 0	1 30	20 43	1 35	22 15	0 26	14 30
S 15	18 15	5 58	5 16	24 43	2 34	16 46	0 51	20 36	1 48	8 57	1 30	20 44	1 34	22 15	0 26	14 30
M 16	18 30	1 5	5 12	24 35	2 25	17 8	0 49	20 24	1 47	8 55	1 30	20 45	1 34	22 14	0 26	14 30
T 17	18 45	3s45	4 51	24 25	2 16	17 30	0 47	20 12	1 46	8 53	1 30	20 46	1 34	22 14	0 26	14 30
W 18	19 0	8 19	4 16	24 11	2 4	17 50	0 45	20 0	1 45	8 51	1 30	20 47	1 34	22 14	0 26	14 29
T 19	19 14	12 27	3 28	23 55	1 51	18 11	0 43	19 47	1 44	8 49	1 29	20 48	1 34	22 13	0 26	14 29
F 20	19 28	15 59	2 31	23 35	1 37	18 31	0 41	19 35	1 43	8 47	1 29	20 49	1 34	22 13	0 26	14 29
S 21	19 41	18 44	1 28	23 13	1 21	18 50	0 39	19 22	1 42	8 45	1 29	20 50	1 34	22 13	0 26	14 29
S 22	19 55	20 36	0 22	22 47	1 3	19 9	0 37	19 9	1 41	8 44	1 29	20 51	1 34	22 12	0 26	14 29
M 23	20 7	21 31	0n45	22 19	0 44	19 27	0 35	18 56	1 40	8 42	1 29	20 52	1 34	22 12	0 26	14 29
T 24	20 20	21 26	1 49	21 47	0 25	19 45	0 32	18 42	1 39	8 40	1 28	20 53	1 34	22 11	0 26	14 28
W 25	20 32	20 24	2 48	21 14	0 4	20 3	0 30	18 29	1 38	8 38	1 28	20 54	1 34	22 11	0 26	14 28
T 26	20 44	18 28	3 39	20 40	0n16	20 19	0 28	18 15	1 37	8 37	1 28	20 54	1 33	22 11	0 26	14 28
F 27	20 55	15 46	4 22	20 4	0 37	20 35	0 26	18 1	1 36	8 35	1 28	20 55	1 33	22 10	0 26	14 28
S 28	21 6	12 24	4 53	19 30	0 56	20 51	0 23	17 47	1 34	8 34	1 27	20 56	1 33	22 10	0 26	14 27
S 29	21 17	8 30	5 13	18 57	1 14	21 6	0 21	17 33	1 33	8 33	1 27	20 57	1 33	22 9	0 26	14 27
M 30	21s27	4s10	5n18	18s26	1n31	21s20	0n19	17s19	1s32	8n31	1s27	20s58	1n33	22s 9	0s26	14s27

Julian Day Number = 2694004.5, Delta T = 24m34s  
 Ecliptic obliquity = 23°21'08, Nutation = 0°00'15  
 Ayanamsha: Fagan/Bradley = 34°01'35, Lahiri = 33°08'35

## ASTRODIENST EPHEMERIS for the year 2663

DECEMBER 2663

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 38 31	8♂17°13	19♂7	28°R19	9♂47	17♂13	25°R34	15♂5	21♂5	21♂22	17°R31	4♂46	4♂24	6♂59	3°R35	T 1
W 2	4 42 27	9°1744	2♂7	27♂31	11°2	17°58	25♂30	15°12	21°7	21°23	17°30	4°46	4°21	7°5	3♂33	W 2
T 3	4 46 24	10°18'16	15°33	26°54	12°17	18°42	25°26	15°19	21°10	21°24	17°29	4°47	4°18	7°12	3°31	T 3
F 4	4 50 20	11°18'50	29°26	26°29	13°33	19°27	25°23	15°26	21°13	21°25	17°29	4°47	4°15	7°19	3°29	F 4
S 5	4 54 17	12°19'25	13♂45	26°16	14°48	20°12	25°20	15°34	21°16	21°26	17°28	4°48	4°12	7°25	3°27	S 5
S 6	4 58 14	13°20'01	28°28	26°D14	16°3	20°57	25°16	15°41	21°19	21°27	17°27	4°R48	4°9	7°32	3°25	S 6
M 7	5 2 10	14°20'38	13♂28	26°22	17°19	21°42	25°14	15°48	21°22	21°28	17°26	4°48	4°5	7°39	3°23	M 7
T 8	5 6 7	15°21'17	28°37	26°41	18°34	22°27	25°11	15°55	21°25	21°29	17°25	4°48	4°2	7°45	3°21	T 8
W 9	5 10 3	16°21'57	13♂45	27°8	19°49	23°12	25°9	16°2	21°28	21°31	17°24	4°47	3°59	7°52	3°19	W 9
T 10	5 14 0	17°22'38	28°44	27°44	21°5	23°57	25°6	16°9	21°31	21°32	17°23	4°45	3°56	7°59	3°18	T 10
F 11	5 17 56	18°23'21	13♂25	28°27	22°20	24°42	25°4	16°16	21°35	21°33	17°22	4°43	3°53	8°6	3°16	F 11
S 12	5 21 53	19°24'06	27°44	29°16	23°36	25°27	25°2	16°24	21°38	21°34	17°21	4°42	3°49	8°12	3°14	S 12
S 13	5 25 49	20°24'52	11♂37	0♂11	24°51	26°12	25°1	16°31	21°41	21°36	17°19	4°41	3°46	8°19	3°12	S 13
M14	5 29 46	21°25'39	25°6	1°11	26°6	26°57	24°59	16°38	21°44	21°37	17°18	4°D41	3°43	8°26	3°11	M14
T 15	5 33 43	22°26'28	8♂12	2°15	27°22	27°42	24°58	16°45	21°47	21°38	17°17	4°42	3°40	8°32	3°9	T 15
W16	5 37 39	23°27'18	20°57	3°23	28°37	28°28	24°57	16°52	21°51	21°40	17°16	4°43	3°37	8°39	3°8	W16
T 17	5 41 36	24°28'09	3♂25	4°34	29°53	29°13	24°56	16°59	21°54	21°41	17°15	4°44	3°34	8°46	3°6	T 17
F 18	5 45 32	25°29'02	15°40	5°48	1♂8	29°58	24°56	17°6	21°57	21°42	17°14	4°46	3°30	8°52	3°5	F 18
S 19	5 49 29	26°29'56	27°44	7°5	2°23	0♂43	24°55	17°14	22°1	21°44	17°13	4°47	3°27	8°59	3°3	S 19
S 20	5 53 25	27°30'51	9♂42	8°23	3°39	1°29	24°D55	17°21	22°4	21°45	17°12	4°R47	3°24	9°6	3°2	S 20
M21	5 57 22	28°31'47	21°34	9°44	4°54	2°14	24°55	17°28	22°7	21°47	17°11	4°46	3°21	9°12	3°1	M21
T 22	6 1 18	29°32'44	3♂24	11°6	6°10	2°59	24°55	17°35	22°11	21°48	17°9	4°43	3°18	9°19	2°59	T 22
W23	6 5 15	0♂33'42	15°12	12°29	7°25	3°45	24°56	17°42	22°14	21°50	17°8	4°40	3°15	9°26	2°58	W23
T 24	6 9 12	1°34'41	27°2	13°53	8°40	4°30	24°56	17°49	22°17	21°52	17°7	4°35	3°11	9°32	2°57	T 24
F 25	6 13 8	2°35'40	8♂55	15°18	9°56	5°16	24°57	17°56	22°21	21°53	17°6	4°30	3°8	9°39	2°56	F 25
S 26	6 17 5	3°36'40	20°54	16°45	11°11	6°1	24°58	18°3	22°24	21°55	17°5	4°25	3°5	9°46	2°55	S 26
S 27	6 21 1	4°37'41	3♂0	18°12	12°27	6°47	24°59	18°10	22°28	21°57	17°4	4°20	3°2	9°52	2°54	S 27
M28	6 24 58	5°38'42	15°19	19°39	13°42	7°32	25°1	18°17	22°31	21°58	17°2	4°17	2°59	9°59	2°53	M28
T 29	6 28 54	6°39'43	27°52	21°8	14°57	8°18	25°3	18°24	22°35	22°0	17°1	4°15	2°55	10°6	2°52	T 29
W30	6 32 51	7°40'45	10♂44	22°36	16°13	9°3	25°5	18°31	22°38	22°2	17°0	4°D15	2°52	10°12	2°51	W30
T 31	6 36 47	8♂41'47	23♂59	24♂6	17♂28	9♂49	25♂7	18♂37	22♂42	22♂4	16♂59	4♂16	2♂49	10♂19	2♂50	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	21s36	0n26	5n8	17s59	1n46	21s34	0n16	17s4	1s31	8n30	1s27	20s59	1n33	22s8	0s26	T 1
W 2	21 46	5 10	4 43	17 36	1 59	21 47	0 14	16 49	1 30	8 29	1 26	21 0	1 33	22 8	0 26	W 2
T 3	21 55	9 48	4 1	17 17	2 10	22 0	0 12	16 35	1 29	8 28	1 26	21 0	1 33	22 8	0 26	T 3
F 4	22 3	14 6	3 4	17 3	2 18	22 11	0 9	16 20	1 28	8 27	1 26	21 1	1 33	22 7	0 26	F 4
S 5	22 11	17 44	1 54	16 54	2 25	22 23	0 7	16 4	1 27	8 26	1 25	21 2	1 33	22 7	0 26	S 5
S 6	22 19	20 19	0 35	16 49	2 30	22 33	0 4	15 49	1 26	8 25	1 25	21 3	1 33	22 6	0 26	S 6
M 7	22 26	21 32	0s48	16 48	2 33	22 43	0 2	15 34	1 25	8 24	1 25	21 4	1 33	22 6	0 26	M 7
T 8	22 33	21 12	2 8	16 51	2 34	22 52	0s0	15 18	1 24	8 24	1 25	21 4	1 33	22 5	0 26	T 8
W 9	22 39	19 20	3 20	16 57	2 34	23 1	0 3	15 2	1 23	8 23	1 24	21 5	1 33	22 5	0 26	W 9
T 10	22 45	16 9	4 17	17 6	2 33	23 8	0 5	14 46	1 22	8 23	1 24	21 6	1 33	22 4	0 26	T 10
F 11	22 51	12 1	4 55	17 18	2 30	23 15	0 8	14 30	1 20	8 22	1 24	21 7	1 33	22 4	0 26	F 11
S 12	22 56	7 17	5 14	17 32	2 27	23 22	0 10	14 14	1 19	8 22	1 23	21 8	1 33	22 3	0 26	S 12
S 13	23 0	2 20	5 14	17 47	2 23	23 28	0 12	13 58	1 18	8 21	1 23	21 8	1 32	22 3	0 26	S 13
M14	23 5	2s36	4 57	18 4	2 18	23 32	0 15	13 42	1 17	8 21	1 23	21 9	1 32	22 2	0 26	M14
T 15	23 8	7 17	4 24	18 22	2 12	23 37	0 17	13 25	1 16	8 21	1 23	21 10	1 32	22 2	0 26	T 15
W16	23 11	11 32	3 39	18 41	2 7	23 40	0 20	13 8	1 15	8 21	1 22	21 10	1 32	22 1	0 26	W16
T 17	23 14	15 12	2 45	19 0	2 0	23 43	0 22	12 52	1 14	8 21	1 22	21 11	1 32	22 1	0 26	T 17
F 18	23 17	18 7	1 44	19 20	1 54	23 45	0 24	12 35	1 13	8 21	1 22	21 12	1 32	22 0	0 26	F 18
S 19	23 18	20 13	0 39	19 40	1 47	23 46	0 27	12 18	1 12	8 21	1 21	21 13	1 32	22 0	0 26	S 19
S 20	23 20	21 23	0n27	19 59	1 39	23 47	0 29	12 1	1 11	8 21	1 21	21 13	1 32	21 59	0 26	S 20
M21	23 21	21 34	1 31	20 19	1 32	23 47	0 31	11 43	1 10	8 22	1 21	21 14	1 32	21 58	0 26	M21
T 22	23 21	20 47	2 31	20 38	1 24	23 46	0 33	11 26	1 8	8 22	1 20	21 15	1 32	21 58	0 26	T 22
W23	23 21	19 6	3 24	20 56	1 17	23 44	0 36	11 9	1 7	8 22	1 20	21 15	1 32	21 57	0 26	W23
T 24	23 21	16 36	4 9	21 14	1 9	23 42	0 38	10 51	1 6	8 23	1 20	21 16	1 32	21 57	0 26	T 24
F 25	23 20	13 25	4 43	21 32	1 1	23 39	0 40	10 34	1 5	8 23	1 20	21 17	1 32	21 56	0 26	F 25
S 26	23 18	9 40	5 4	21 48	0 54	23 35	0 42	10 16	1 4	8 24	1 19	21 17	1 32	21 56	0 26	S 26
S 27	23 16	5 30	5 13	22 4	0 46	23 31	0 44	9 58	1 3	8 25	1 19	21 18	1 32	21 55	0 26	S 27
M28	23 14	1 3	5 7	22 19	0 38	23 25	0 47	9 40	1 2	8 26	1 19	21 18	1 32	21 55	0 26	M28
T 29	23 11	3n33	4 47	22 33	0 31	23 19	0 49	9 22	1 1	8 27	1 18	21 19	1 32	21 54	0 26	T 29
W30	23 8	8 6	4 12	22 46	0 23	23 13	0 51	9 4	1 0	8 28	1 18	21 20	1 32	21 53	0 26	W30
T 31	23s4	12n25	3n23	22s58	0n15	23s5	0s53	8s46	0s59	8n29	1s18	21s20	1n32	21s53	0s26	T 31

Julian Day Number = 2694034.5, Delta T = 24m34s

Ecliptic obliquity = 23°21'07, Nutation = 0°00'15

Ayanamsha: Fagan/Bradley = 34°01'39, Lahiri = 33°08'39

## ASTRODIENST EPHEMERIS for the year 2664

JANUARY 2664

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	6 40 44	9♂42'49	7♂40	25♂35	18♂44	10♂34	25♂9	18♂44	22♂45	22♂5	16♂58	4♂17	2♂46	10♂26	2♂50	F 1
S 2	6 44 41	10°43'52	21°48	27° 5	19°59	11°20	25°11	18°51	22°49	22° 7	16°56	4°19	2°43	10°32	2♂49	S 2
S 3	6 48 37	11°44'55	6♂22	28°36	21°14	12° 5	25°14	18°58	22°52	22° 9	16°55	4°R19	2°40	10°39	2°48	S 3
M 4	6 52 34	12°45'58	21°18	0♂ 6	22°30	12°51	25°17	19° 5	22°56	22°11	16°54	4°18	2°36	10°46	2°48	M 4
T 5	6 56 30	13°47'02	6♂31	1°37	23°45	13°36	25°20	19°11	22°59	22°13	16°53	4°15	2°33	10°52	2°47	T 5
W 6	7 0 27	14°48'06	21°50	3° 9	25° 0	14°22	25°23	19°18	23° 3	22°15	16°51	4°10	2°30	10°59	2°47	W 6
T 7	7 4 23	15°49'10	7♂ 4	4°41	26°16	15° 7	25°27	19°25	23° 6	22°16	16°50	4° 4	2°27	11° 6	2°46	T 7
F 8	7 8 20	16°50'14	22° 3	6°12	27°31	15°53	25°31	19°31	23°10	22°18	16°49	3°57	2°24	11°12	2°46	F 8
S 9	7 12 17	17°51'19	6♂38	7°45	28°47	16°38	25°35	19°38	23°14	22°20	16°48	3°51	2°21	11°19	2°46	S 9
S 10	7 16 13	18°52'25	20°45	9°17	0♂ 2	17°24	25°39	19°45	23°17	22°22	16°47	3°45	2°17	11°26	2°46	S 10
M11	7 20 10	19°53'31	4♂23	10°50	1°17	18° 9	25°43	19°51	23°21	22°24	16°45	3°42	2°14	11°32	2°45	M11
T 12	7 24 6	20°54'37	17°32	12°23	2°33	18°55	25°47	19°58	23°24	22°26	16°44	3°D41	2°11	11°39	2°45	T 12
W13	7 28 3	21°55'44	0♂16	13°57	3°48	19°40	25°52	20° 4	23°28	22°28	16°43	3°41	2° 8	11°46	2°D45	W13
T 14	7 31 59	22°56'52	12°40	15°31	5° 3	20°26	25°57	20°10	23°31	22°30	16°42	3°42	2° 5	11°52	2°45	T 14
F 15	7 35 56	23°57'59	24°48	17° 5	6°19	21°11	26° 2	20°17	23°35	22°32	16°40	3°44	2° 1	11°59	2°45	F 15
S 16	7 39 52	24°59'07	6♂45	18°39	7°34	21°57	26° 7	20°23	23°39	22°34	16°39	3°R44	1°58	12° 6	2°45	S 16
S 17	7 43 49	26° 0'15	18°35	20°14	8°49	22°42	26°12	20°29	23°42	22°37	16°38	3°42	1°55	12°12	2°46	S 17
M18	7 47 46	27° 1'23	0♂33	21°50	10° 5	23°27	26°18	20°36	23°46	22°39	16°37	3°39	1°52	12°19	2°46	M18
T 19	7 51 42	28° 2'32	12°11	23°25	11°20	24°13	26°24	20°42	23°49	22°41	16°36	3°32	1°49	12°26	2°46	T 19
W20	7 55 39	29° 3'40	24° 2	25° 1	12°35	24°58	26°30	20°48	23°53	22°43	16°34	3°24	1°46	12°32	2°47	W20
T 21	7 59 35	0♂ 4'48	5♂57	26°38	13°50	25°44	26°36	20°54	23°57	22°45	16°33	3°13	1°42	12°39	2°47	T 21
F 22	8 3 32	1° 5'56	17°57	28°15	15° 6	26°29	26°42	21° 0	24° 0	22°47	16°32	3° 1	1°39	12°46	2°47	F 22
S 23	8 7 28	2° 7'03	0♂ 5	29°52	16°21	27°15	26°48	21° 6	24° 4	22°49	16°31	2°49	1°36	12°53	2°48	S 23
S 24	8 11 25	3° 8'10	12°20	1♂30	17°36	28° 0	26°55	21°12	24° 7	22°51	16°30	2°38	1°33	12°59	2°48	S 24
M25	8 15 21	4° 9'16	24°46	3° 8	18°51	28°45	27° 2	21°18	24°11	22°54	16°29	2°30	1°30	13° 6	2°49	M25
T 26	8 19 18	5°10'22	7♂23	4°47	20° 7	29°31	27° 9	21°24	24°14	22°56	16°27	2°23	1°27	13°13	2°50	T 26
W27	8 23 15	6°11'27	20°15	6°26	21°22	0♂16	27°16	21°30	24°18	22°58	16°26	2°20	1°23	13°19	2°50	W27
T 28	8 27 11	7°12'32	3♂24	8° 6	22°37	1° 1	27°23	21°35	24°21	23° 0	16°25	2°D18	1°20	13°26	2°51	T 28
F 29	8 31 8	8°13'36	16°54	9°47	23°52	1°47	27°31	21°41	24°25	23° 2	16°24	2°19	1°17	13°33	2°52	F 29
S 30	8 35 4	9°14'39	0♂47	11°27	25° 7	2°32	27°38	21°47	24°28	23° 5	16°23	2°R19	1°14	13°39	2°53	S 30
S 31	8 39 1	10♂15'41	15♂ 3	13♂ 9	26♂23	3♂17	27♂46	21♂52	24♂32	23♂ 7	16♂22	2♂18	1♂11	13♂46	2♂54	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	23s 0	16n14	2n20	23s 9	0n 8	22s57	0s55	8s28	0s58	8n30	1s17	21s21	1n32	21s52	0s26	14s13
S 2	22 55	19 14	1 8	23 19	0 1	22 48	0 57	8 10	0 57	8 31	1 17	21 21	1 32	21 52	0 26	14 12
S 3	22 50	21 7	0s11	23 27	0s 7	22 39	0 59	7 52	0 56	8 32	1 17	21 22	1 32	21 51	0 26	14 12
M 4	22 44	21 33	1 31	23 35	0 14	22 29	1 0	7 33	0 55	8 33	1 17	21 22	1 32	21 51	0 26	14 11
T 5	22 38	20 26	2 46	23 41	0 21	22 18	1 2	7 15	0 54	8 35	1 16	21 23	1 32	21 50	0 26	14 10
W 6	22 32	17 49	3 49	23 46	0 28	22 6	1 4	6 56	0 52	8 36	1 16	21 24	1 32	21 49	0 26	14 10
T 7	22 25	13 59	4 36	23 50	0 34	21 54	1 6	6 38	0 51	8 38	1 16	21 24	1 32	21 49	0 26	14 9
F 8	22 18	9 20	5 3	23 53	0 41	21 41	1 7	6 19	0 50	8 40	1 15	21 25	1 32	21 48	0 26	14 9
S 9	22 10	4 15	5 9	23 55	0 47	21 27	1 9	6 1	0 49	8 41	1 15	21 25	1 32	21 48	0 26	14 8
S 10	22 2	0s53	4 56	23 55	0 53	21 13	1 11	5 42	0 48	8 43	1 15	21 26	1 32	21 47	0 26	14 7
M11	21 53	5 49	4 26	23 54	0 59	20 59	1 12	5 24	0 47	8 45	1 14	21 26	1 32	21 46	0 26	14 7
T 12	21 44	10 18	3 44	23 52	1 5	20 43	1 14	5 5	0 46	8 47	1 14	21 26	1 32	21 46	0 26	14 6
W13	21 34	14 11	2 51	23 48	1 11	20 27	1 15	4 46	0 45	8 49	1 14	21 27	1 32	21 45	0 26	14 5
T 14	21 24	17 21	1 51	23 43	1 16	20 10	1 17	4 27	0 44	8 51	1 14	21 27	1 32	21 45	0 26	14 5
F 15	21 14	19 40	0 48	23 37	1 21	19 53	1 18	4 9	0 43	8 53	1 13	21 28	1 32	21 44	0 26	14 4
S 16	21 3	21 5	0n16	23 29	1 26	19 35	1 19	3 50	0 42	8 55	1 13	21 28	1 32	21 43	0 26	14 3
S 17	20 52	21 33	1 19	23 20	1 31	19 17	1 20	3 31	0 41	8 57	1 13	21 29	1 32	21 43	0 26	14 3
M18	20 41	21 3	2 18	23 10	1 36	18 58	1 22	3 12	0 40	8 59	1 12	21 29	1 32	21 42	0 26	14 2
T 19	20 29	19 37	3 11	22 58	1 40	18 39	1 23	2 53	0 39	9 2	1 12	21 29	1 32	21 42	0 26	14 1
W20	20 16	17 21	3 56	22 45	1 44	18 19	1 24	2 34	0 38	9 4	1 12	21 30	1 32	21 41	0 26	14 1
T 21	20 4	14 20	4 31	22 31	1 47	17 58	1 25	2 15	0 37	9 6	1 12	21 30	1 32	21 40	0 26	14 0
F 22	19 50	10 44	4 54	22 15	1 51	17 37	1 26	1 57	0 36	9 9	1 11	21 31	1 32	21 40	0 26	13 59
S 23	19 37	6 40	5 4	21 58	1 54	17 15	1 27	1 38	0 35	9 11	1 11	21 31	1 33	21 39	0 26	13 59
S 24	19 23	2 17	5 0	21 39	1 57	16 53	1 27	1 19	0 34	9 14	1 11	21 31	1 33	21 38	0 26	13 58
M25	19 9	2n14	4 42	21 19	1 59	16 31	1 28	1 0	0 33	9 17	1 11	21 32	1 33	21 38	0 26	13 57
T 26	18 54	6 45	4 10	20 58	2 1	16 8	1 29	0 41	0 32	9 20	1 10	21 32	1 33	21 37	0 26	13 57
W27	18 39	11 3	3 24	20 35	2 3	15 45	1 30	0 22	0 31	9 22	1 10	21 32	1 33	21 37	0 26	13 56
T 28	18 24	14 55	2 28	20 11	2 4	15 21	1 30	0 3	0 30	9 25	1 10	21 33	1 33	21 36	0 26	13 55
F 29	18 9	18 7	1 21	19 45	2 5	14 56	1 31	0n16	0 29	9 28	1 10	21 33	1 33	21 35	0 26	13 54
S 30	17 53	20 22	0 8	19 18	2 6	14 32	1 31	0 34	0 28	9 31	1 9	21 33	1 33	21 35	0 26	13 54
S 31	17s36	21n24	1s 7	18s50	2s 6	14s 7	1s31	0n53	0s27	9n34	1s 9	21s33	1n33	21s34	0s26	13s53

Julian Day Number = 2694065.5, Delta T = 24m35s

Ecliptic obliquity = 23°21'06, Nutation = 0°00'16

Ayanamsha: Fagan/Bradley = 34°01'44, Lahiri = 33°08'44

# ASTRODIENST EPHEMERIS for the year 2664

FEBRUARY 2664

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	8 42 57	11°16'43	29°11'42	14°55'51	27°38'38	4°3'3	27°54'54	21°58'58	24°35'35	23°33'9	16°21'21	2°16'16	1°7'7	13°53'53	2°55'55	M 1
T 2	8 46 54	12°17'43	14°39'39	16°33'33	28°53'53	4°48'48	28°2'2	22°3'3	24°39'39	23°11'11	16°20'20	2°10'10	1°4'4	13°59'59	2°56'56	T 2
W 3	8 50 50	13°18'43	29°48'48	18°16'16	0°8'8	5°33'33	28°10'10	22°8'8	24°42'42	23°14'14	16°18'18	2°2'2	1°1'1	14°6'6	2°57'57	W 3
T 4	8 54 47	14°19'42	14°58'58	19°59'59	1°23'23	6°18'18	28°18'18	22°14'14	24°46'46	23°16'16	16°17'17	1°52'52	0°58'58	14°13'13	2°58'58	T 4
F 5	8 58 44	15°20'40	29°59'59	21°43'43	2°38'38	7°3'3	28°27'27	22°19'19	24°49'49	23°18'18	16°16'16	1°41'41	0°55'55	14°19'19	3°0'0	F 5
S 6	9 2 40	16°21'38	14°41'41	23°27'27	3°53'53	7°48'48	28°35'35	22°24'24	24°53'53	23°20'20	16°15'15	1°30'30	0°52'52	14°26'26	3°1'1	S 6
S 7	9 6 37	17°22'35	28°57'57	25°12'12	5°8'8	8°33'33	28°44'44	22°29'29	24°56'56	23°23'23	16°14'14	1°20'20	0°48'48	14°33'33	3°2'2	S 7
M 8	9 10 33	18°23'31	12°44'44	26°56'56	6°23'23	9°18'18	28°53'53	22°34'34	24°59'59	23°25'25	16°13'13	1°13'13	0°45'45	14°39'39	3°4'4	M 8
T 9	9 14 30	19°24'26	26°1'1	28°41'41	7°38'38	10°3'3	29°2'2	22°39'39	25°3'3	23°27'27	16°12'12	1°9'9	0°42'42	14°46'46	3°5'5	T 9
W10	9 18 26	20°25'22	8°15'50	0°26'26	8°53'53	10°48'48	29°11'11	22°44'44	25°6'6	23°29'29	16°11'11	1°7'7	0°39'39	14°53'53	3°6'6	W10
T 11	9 22 23	21°26'16	21°17'17	2°11'11	10°8'8	11°33'33	29°20'20	22°49'49	25°9'9	23°32'32	16°10'10	1°D 6	0°36'36	14°59'59	3°8'8	T 11
F 12	9 26 19	22°27'10	3°25'25	3°55'55	11°23'23	12°18'18	29°30'30	22°54'54	25°13'13	23°34'34	16°9'9	1°R 6	0°33'33	15°6'6	3°10'10	F 12
S 13	9 30 16	23°28'03	15°22'22	5°39'39	12°38'38	13°3'3	29°39'39	22°58'58	25°16'16	23°36'36	16°8'8	1°6'6	0°29'29	15°13'13	3°11'11	S 13
S 14	9 34 13	24°28'56	27°11'11	7°23'23	13°53'53	13°48'48	29°49'49	23°3'3	25°19'19	23°39'39	16°7'7	1°3'3	0°26'26	15°20'20	3°13'13	S 14
M15	9 38 9	25°29'47	8°35'58	9°5'5	15°8'8	14°33'33	29°59'59	23°7'7	25°22'22	23°41'41	16°7'7	0°58'58	0°23'23	15°26'26	3°15'15	M15
T 16	9 42 6	26°30'38	20°47'47	10°46'46	16°23'23	15°18'18	0°8'9	23°12'12	25°26'26	23°43'43	16°6'6	0°50'50	0°20'20	15°33'33	3°16'16	T 16
W17	9 46 2	27°31'28	2°42'42	12°26'26	17°37'37	16°3'3	0°19'19	23°16'16	25°29'29	23°45'45	16°5'5	0°39'39	0°17'17	15°40'40	3°18'18	W17
T 18	9 49 59	28°32'16	14°43'43	14°4'4	18°52'52	16°48'48	0°29'29	23°20'20	25°32'32	23°48'48	16°4'4	0°26'26	0°13'13	15°46'46	3°20'20	T 18
F 19	9 53 55	29°33'04	26°54'54	15°39'39	20°7'7	17°32'32	0°39'39	23°25'25	25°35'35	23°50'50	16°3'3	0°11'11	0°10'10	15°53'53	3°22'22	F 19
S 20	9 57 52	0°33'50	9°15'15	17°11'11	21°22'22	18°17'17	0°50'50	23°29'29	25°38'38	23°52'52	16°2'2	29°15'56	0°7'7	16°0'0	3°24'24	S 20
S 21	10 1 48	1°34'35	21°46'46	18°39'39	22°36'36	19°2'2	1°0'0	23°33'33	25°41'41	23°55'55	16°1'1	29°43'43	0°4'4	16°6'6	3°26'26	S 21
M22	10 5 45	2°35'19	4°17'17	20°3'3	23°51'51	19°46'46	1°11'11	23°37'37	25°44'44	23°57'57	16°1'1	29°32'32	0°1'1	16°13'13	3°28'28	M22
T 23	10 9 42	3°36'01	17°19'19	21°22'22	25°6'6	20°31'31	1°22'22	23°41'41	25°47'47	23°59'59	16°0'0	29°23'23	29°15'58	16°20'20	3°30'30	T 23
W24	10 13 38	4°36'42	0°22'22	22°36'36	26°21'21	21°16'16	1°32'32	23°44'44	25°50'50	24°1'1	15°59'59	29°18'18	29°54'58	16°26'26	3°32'32	W24
T 25	10 17 35	5°37'21	13°37'37	23°43'43	27°35'35	22°0'0	1°43'43	23°48'48	25°53'53	24°4'4	15°58'58	29°15'15	29°51'51	16°33'33	3°35'35	T 25
F 26	10 21 31	6°37'58	27°7'7	24°44'44	28°50'50	22°45'45	1°54'54	23°52'52	25°56'56	24°6'6	15°58'58	29°D15	29°48'48	16°40'40	3°37'37	F 26
S 27	10 25 28	7°38'34	10°15'53	25°36'36	0°19'4	23°29'29	2°6'6	23°55'55	25°59'59	24°8'8	15°57'57	29°R15	29°45'45	16°46'46	3°39'39	S 27
S 28	10 29 24	8°39'09	24°56'56	26°20'20	1°19'19	24°13'13	2°17'17	23°59'59	26°2'2	24°10'10	15°56'56	29°14'14	29°42'42	16°53'53	3°41'41	S 28
M29	10 33 21	9°39'41	9°15'15	26°56'56	2°19'33	24°15'58	2°28'28	24°2'2	26°3'5	24°12'12	15°55'55	29°11'11	29°13'39	17°3'0	3°44'44	M29

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	17s20	21n 1	2s20	18s20	2s 6	13s41	1s32	1n12	0s26	9n37	1s 9	21s34	1n33	21s34	0s26	13s52
T 2	17 3	19 9	3 25	17 49	2 6	13 15	1 32	1 31	0 25	9 40	1 8	21 34	1 33	21 33	0 26	13 52
W 3	16 46	15 57	4 16	17 16	2 4	12 49	1 32	1 49	0 24	9 43	1 8	21 34	1 33	21 32	0 26	13 51
T 4	16 28	11 41	4 49	16 42	2 3	12 23	1 32	2 8	0 23	9 46	1 8	21 35	1 33	21 32	0 26	13 50
F 5	16 11	6 44	5 1	16 7	2 1	11 56	1 32	2 27	0 22	9 50	1 8	21 35	1 33	21 31	0 27	13 49
S 6	15 53	1 29	4 54	15 31	1 58	11 29	1 32	2 45	0 21	9 53	1 7	21 35	1 33	21 31	0 27	13 49
S 7	15 34	3s41	4 28	14 53	1 55	11 1	1 32	3 4	0 21	9 56	1 7	21 35	1 33	21 30	0 27	13 48
M 8	15 16	8 29	3 47	14 14	1 51	10 34	1 32	3 23	0 20	10 0	1 7	21 35	1 33	21 29	0 27	13 47
T 9	14 57	12 43	2 55	13 34	1 47	10 6	1 32	3 41	0 19	10 3	1 7	21 36	1 33	21 29	0 27	13 46
W10	14 38	16 13	1 55	12 52	1 42	9 37	1 31	3 59	0 18	10 6	1 7	21 36	1 34	21 28	0 27	13 46
T 11	14 18	18 51	0 52	12 10	1 37	9 9	1 31	4 18	0 17	10 10	1 6	21 36	1 34	21 28	0 27	13 45
F 12	13 59	20 34	0n12	11 26	1 30	8 40	1 30	4 36	0 16	10 13	1 6	21 36	1 34	21 27	0 27	13 44
S 13	13 39	21 19	1 15	10 42	1 23	8 11	1 30	4 54	0 15	10 17	1 6	21 36	1 34	21 27	0 27	13 43
S 14	13 19	21 6	2 13	9 57	1 16	7 42	1 29	5 13	0 14	10 21	1 6	21 36	1 34	21 26	0 27	13 43
M15	12 59	19 57	3 6	9 11	1 7	7 12	1 29	5 31	0 13	10 24	1 5	21 37	1 34	21 25	0 27	13 42
T 16	12 38	17 57	3 51	8 24	0 58	6 42	1 28	5 49	0 12	10 28	1 5	21 37	1 34	21 25	0 27	13 41
W17	12 17	15 11	4 25	7 37	0 49	6 13	1 27	6 7	0 11	10 32	1 5	21 37	1 34	21 24	0 27	13 41
T 18	11 56	11 45	4 49	6 50	0 38	5 43	1 26	6 25	0 11	10 35	1 5	21 37	1 34	21 24	0 27	13 40
F 19	11 35	7 49	4 59	6 3	0 27	5 13	1 25	6 43	0 10	10 39	1 5	21 37	1 34	21 23	0 27	13 39
S 20	11 14	3 30	4 56	5 17	0 15	4 42	1 24	7 0	0 9	10 43	1 4	21 37	1 34	21 23	0 27	13 38
S 21	10 53	1n 0	4 38	4 31	0 2	4 12	1 23	7 18	0 8	10 47	1 4	21 37	1 34	21 22	0 27	13 38
M22	10 31	5 32	4 7	3 45	0n11	3 41	1 22	7 36	0 7	10 51	1 4	21 38	1 34	21 21	0 27	13 37
T 23	10 9	9 53	3 22	3 2	0 25	3 11	1 21	7 53	0 6	10 54	1 4	21 38	1 35	21 21	0 27	13 36
W24	9 47	13 50	2 26	2 19	0 39	2 40	1 20	8 11	0 5	10 58	1 3	21 38	1 35	21 20	0 27	13 35
T 25	9 25	17 10	1 22	1 39	0 54	2 9	1 18	8 28	0 5	11 2	1 3	21 38	1 35	21 20	0 27	13 35
F 26	9 3	19 38	0 11	1 1	1 9	1 38	1 17	8 45	0 4	11 6	1 3	21 38	1 35	21 19	0 27	13 34
S 27	8 40	20 59	1s 1	0 26	1 25	1 7	1 15	9 3	0 3	11 10	1 3	21 38	1 35	21 19	0 27	13 33
S 28	8 18	21 4	2 11	0n 5	1 40	0 37	1 14	9 20	0 2	11 14	1 3	21 38	1 35	21 18	0 27	13 32
M29	7s55	19n48	3s15	0n33	1n56	0s 6	1s12	9n37	0s 1	11n18	1s 3	21s38	1n35	21s18	0s27	13s32

Julian Day Number = 2694096.5, Delta T = 24m35s  
 Ecliptic obliquity = 23°21'06, Nutation = 0°00'17  
 Ayanamsha: Fagan/Bradley = 34°01'48, Lahiri = 33°08'48

## ASTRODIENST EPHEMERIS for the year 2664

MARCH 2664

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 37 17	10°40'12	23°50	27°21	3°48	25°42	2°40	24°5	26°8	24°15	15°55	29°R 6	29°M35	17°3	3°46	T 1
W 2	10 41 14	11°40'41	8°23	27°37	5°2	26°27	2°51	24°9	26°11	24°17	15°54	28°M58	29°32	17°13	3°49	W 2
T 3	10 45 11	12°41'08	23°22	27°R42	6°16	27°11	3°3	24°12	26°13	24°19	15°54	28°48	29°29	17°20	3°51	T 3
F 4	10 49 7	13°41'34	8°17	27°38	7°31	27°55	3°15	24°15	26°16	24°21	15°53	28°36	29°26	17°27	3°54	F 4
S 5	10 53 4	14°41'57	22°36	27°23	8°45	28°39	3°26	24°18	26°19	24°23	15°52	28°25	29°23	17°33	3°56	S 5
S 6	10 57 0	15°42'20	6°47	26°59	9°59	29°23	3°38	24°20	26°21	24°26	15°52	28°15	29°19	17°40	3°59	S 6
M 7	11 0 57	16°42'41	20°33	26°26	11°13	0°8	3°50	24°23	26°24	24°28	15°51	28°7	29°16	17°47	4°1	M 7
T 8	11 4 53	17°43'00	3°M52	25°45	12°28	0°52	4°2	24°26	26°27	24°30	15°51	28°2	29°13	17°53	4°4	T 8
W 9	11 8 50	18°43'18	16°46	24°56	13°42	1°36	4°15	24°28	26°29	24°32	15°50	28°0	29°10	18°0	4°7	W 9
T 10	11 12 46	19°43'35	29°17	24°2	14°56	2°20	4°27	24°31	26°32	24°34	15°50	27°D59	29°7	18°7	4°10	T 10
F 11	11 16 43	20°43'50	11°29	23°4	16°10	3°4	4°39	24°33	26°34	24°36	15°50	28°0	29°4	18°13	4°12	F 11
S 12	11 20 39	21°44'04	23°29	22°2	17°24	3°48	4°52	24°35	26°37	24°38	15°49	28°R 0	29°0	18°20	4°15	S 12
S 13	11 24 36	22°44'16	5°20	20°59	18°38	4°31	5°4	24°37	26°39	24°40	15°49	27°59	28°57	18°27	4°18	S 13
M14	11 28 33	23°44'27	17°9	19°57	19°52	5°15	5°17	24°40	26°41	24°42	15°48	27°56	28°54	18°33	4°21	M14
T 15	11 32 29	24°44'36	29°1	18°56	21°6	5°59	5°29	24°42	26°44	24°44	15°48	27°51	28°51	18°40	4°24	T 15
W16	11 36 26	25°44'44	10°59	17°57	22°20	6°43	5°42	24°43	26°46	24°47	15°48	27°43	28°48	18°47	4°27	W16
T 17	11 40 22	26°44'50	23°7	17°3	23°33	7°27	5°55	24°45	26°48	24°49	15°47	27°33	28°44	18°53	4°30	T 17
F 18	11 44 19	27°44'54	5°18	16°14	24°47	8°10	6°7	24°47	26°50	24°51	15°47	27°22	28°41	19°0	4°33	F 18
S 19	11 48 15	28°44'57	18°2	15°30	26°1	8°54	6°20	24°48	26°52	24°52	15°47	27°11	28°38	19°7	4°36	S 19
S 20	11 52 12	29°44'58	0°50	14°52	27°14	9°38	6°33	24°50	26°54	24°54	15°47	27°0	28°35	19°14	4°39	S 20
M21	11 56 8	0°44'57	13°51	14°21	28°28	10°21	6°46	24°51	26°56	24°56	15°46	26°51	28°32	19°20	4°42	M21
T 22	12 0 5	1°44'54	27°4	13°56	29°42	11°5	6°59	24°52	26°59	24°58	15°46	26°45	28°29	19°27	4°45	T 22
W23	12 4 2	2°44'49	10°29	13°37	0°55	11°48	7°13	24°54	27°0	25°0	15°46	26°42	28°25	19°34	4°48	W23
T 24	12 7 58	3°44'42	24°3	13°25	2°9	12°32	7°26	24°55	27°2	25°2	15°46	26°D40	28°22	19°40	4°51	T 24
F 25	12 11 55	4°44'33	7°11	13°D20	3°22	13°15	7°39	24°56	27°4	25°4	15°46	26°41	28°19	19°47	4°55	F 25
S 26	12 15 51	5°44'22	21°40	13°21	4°35	13°58	7°52	24°57	27°6	25°6	15°46	26°42	28°16	19°54	4°58	S 26
S 27	12 19 48	6°44'08	5°42	13°27	5°49	14°42	8°6	24°57	27°8	25°8	15°46	26°R42	28°13	20°0	5°1	S 27
M28	12 23 44	7°43'52	19°52	13°40	7°2	15°25	8°19	24°58	27°10	25°9	15°46	26°42	28°10	20°7	5°4	M28
T 29	12 27 41	8°43'35	4°8	13°58	8°15	16°8	8°33	24°59	27°11	25°11	15°D46	26°39	28°6	20°14	5°8	T 29
W30	12 31 37	9°43'14	18°29	14°20	9°28	16°51	8°46	24°59	27°13	25°13	15°46	26°34	28°3	20°20	5°11	W30
T 31	12 35 34	10°42'52	2°49	14°48	10°41	17°34	9°8	24°59	27°15	25°15	15°46	26°M28	28°M 0	20°27	5°14	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	7s32	17n13	4s 6	0n57	2n11	0n25	1s11	9n54	0s 0	11n23	1s 2	21s38	1n35	21s17	0s27	T 1
W 2	7 9	13 30	4 42	1 17	2 26	0 56	1 9	10 10	0n 0	11 27	1 2	21 38	1 35	21 17	0 27	W 2
T 3	6 47	8 57	5 0	1 32	2 40	1 27	1 7	10 27	0 1	11 31	1 2	21 38	1 35	21 16	0 27	T 3
F 4	6 23	3 54	4 57	1 42	2 53	1 58	1 5	10 44	0 2	11 35	1 2	21 38	1 36	21 16	0 27	F 4
S 5	6 0	1s17	4 35	1 47	3 5	2 29	1 3	11 0	0 3	11 39	1 2	21 38	1 36	21 15	0 27	S 5
S 6	5 37	6 18	3 56	1 47	3 15	3 0	1 1	11 16	0 4	11 43	1 1	21 38	1 36	21 15	0 27	S 6
M 7	5 14	10 51	3 5	1 42	3 24	3 31	0 59	11 33	0 4	11 47	1 1	21 38	1 36	21 14	0 27	M 7
T 8	4 50	14 43	2 4	1 33	3 31	4 2	0 57	11 49	0 5	11 52	1 1	21 38	1 36	21 14	0 27	T 8
W 9	4 27	17 44	0 59	1 18	3 36	4 32	0 55	12 5	0 6	11 56	1 1	21 38	1 36	21 13	0 27	W 9
T 10	4 3	19 49	0n 7	1 0	3 39	5 3	0 53	12 21	0 7	12 0	1 1	21 38	1 36	21 13	0 27	T 10
F 11	3 40	20 54	1 11	0 37	3 40	5 33	0 51	12 36	0 8	12 4	1 1	21 38	1 36	21 13	0 27	F 11
S 12	3 16	21 0	2 11	0 12	3 38	6 4	0 48	12 52	0 8	12 9	1 0	21 38	1 36	21 12	0 27	S 12
S 13	2 52	20 10	3 5	0s16	3 35	6 34	0 46	13 7	0 9	12 13	1 0	21 38	1 36	21 12	0 27	S 13
M14	2 29	18 26	3 51	0 46	3 29	7 4	0 44	13 23	0 10	12 17	1 0	21 38	1 37	21 11	0 27	M14
T 15	2 5	15 56	4 27	1 16	3 22	7 34	0 41	13 38	0 11	12 22	1 0	21 38	1 37	21 11	0 27	T 15
W16	1 41	12 44	4 51	1 47	3 12	8 4	0 39	13 53	0 11	12 26	1 0	21 38	1 37	21 10	0 27	W16
T 17	1 17	8 59	5 3	2 18	3 2	8 33	0 36	14 8	0 12	12 30	1 0	21 38	1 37	21 10	0 27	T 17
F 18	0 54	4 48	5 1	2 48	2 50	9 3	0 34	14 23	0 13	12 35	0 59	21 38	1 37	21 10	0 27	F 18
S 19	0 30	0 21	4 44	3 17	2 37	9 32	0 31	14 38	0 13	12 39	0 59	21 38	1 37	21 9	0 27	S 19
S 20	0 6	4n12	4 13	3 44	2 23	10 1	0 28	14 52	0 14	12 43	0 59	21 38	1 37	21 9	0 27	S 20
M21	0n18	8 39	3 28	4 9	2 9	10 30	0 26	15 6	0 15	12 48	0 59	21 38	1 37	21 9	0 28	M21
T 22	0 42	12 45	2 32	4 32	1 54	10 58	0 23	15 21	0 16	12 52	0 59	21 38	1 37	21 8	0 28	T 22
W23	1 5	16 16	1 26	4 53	1 40	11 26	0 20	15 35	0 16	12 57	0 59	21 38	1 37	21 8	0 28	W23
T 24	1 29	18 57	0 14	5 11	1 25	11 54	0 17	15 49	0 17	13 1	0 59	21 38	1 38	21 8	0 28	T 24
F 25	1 53	20 33	0s59	5 27	1 10	12 22	0 14	16 2	0 18	13 5	0 58	21 38	1 38	21 7	0 28	F 25
S 26	2 16	20 55	2 10	5 40	0 56	12 49	0 12	16 16	0 18	13 10	0 58	21 38	1 38	21 7	0 28	S 26
S 27	2 40	20 0	3 14	5 51	0 41	13 16	0 9	16 29	0 19	13 14	0 58	21 38	1 38	21 7	0 28	S 27
M28	3 3	17 49	4 7	5 59	0 27	13 43	0 6	16 43	0 20	13 19	0 58	21 37	1 38	21 6	0 28	M28
T 29	3 27	14 32	4 45	6 5	0 14	14 10	0 3	16 56	0 20	13 23	0 58	21 37	1 38	21 6	0 28	T 29
W30	3 50	10 24	5 5	6 8	0 1	14 36	0n 0	17 9	0 21	13 28	0 58	21 37	1 38	21 6	0 28	W30
T 31	4n14	5n40	5s 6	6s 9	0s12	15n 2	0n 3	17n22	0n22	13n32	0s58	21s37	1n38	21s 5	0s28	T 31

Julian Day Number = 2694125.5, Delta T = 24m36s

Ecliptic obliquity = 23°21'07, Nutation = 0°00'16

Ayanamsha: Fagan/Bradley = 34°01'52, Lahiri = 33°08'52

# ASTRODIENST EPHEMERIS for the year 2664

APRIL 2664

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 39 31	11°42'27"	17°4'4"	15°18'20"	11°54'54"	18°18'18"	9°13'13"	25°7'0"	27°16'16"	25°16'16"	15°46'46"	26°R21	27°15'57"	20°33'34"	5°18'18"	F 1
S 2	12 43 27	12°42'00"	1°4'9"	15°56'56"	13°7'7"	19°1'1"	9°27'27"	25°0'0"	27°18'18"	25°18'18"	15°46'46"	26°11'14"	27°54'54"	20°41'41"	5°21'21"	S 2
S 3	12 47 24	13°41'31"	14°59'59"	16°37'37"	14°20'20"	19°44'44"	9°41'41"	25°R 0	27°19'19"	25°20'20"	15°46'46"	26°7'7"	27°50'50"	20°47'47"	5°24'24"	S 3
M 4	12 51 20	14°41'00"	28°30'30"	17°21'21"	15°33'33"	20°27'27"	9°55'55"	25°0'0"	27°20'20"	25°22'22"	15°46'46"	26°2'2"	27°47'47"	20°54'54"	5°28'28"	M 4
T 5	12 55 17	15°40'28"	11°14'41"	18°9'9"	16°46'46"	21°9'9"	10°8'8"	25°0'0"	27°22'22"	25°23'23"	15°46'46"	25°59'59"	27°44'44"	21°1'1"	5°31'31"	T 5
W 6	12 59 13	16°39'53"	24°31'31"	19°0'0"	17°59'59"	21°52'52"	10°22'22"	24°59'59"	27°23'23"	25°25'25"	15°46'46"	25°D58	27°41'41"	21°7'7"	5°35'35"	W 6
T 7	13 3 10	17°39'17"	7°1'1"	19°54'54"	19°11'11"	22°35'35"	10°36'36"	24°59'59"	27°24'24"	25°26'26"	15°46'46"	25°59'59"	27°38'38"	21°14'14"	5°38'38"	T 7
F 8	13 7 6	18°38'39"	19°15'15"	20°51'51"	20°24'24"	23°18'18"	10°50'50"	24°59'59"	27°26'26"	25°28'28"	15°47'47"	26°0'0"	27°35'35"	21°21'21"	5°42'42"	F 8
S 9	13 11 3	19°37'59"	1°3'17"	21°51'51"	21°36'36"	24°1'1"	11°4'4"	24°58'58"	27°27'27"	25°29'29"	15°47'47"	26°2'2"	27°31'31"	21°27'27"	5°45'45"	S 9
S 10	13 14 59	20°37'17"	13°11'11"	22°54'54"	22°49'49"	24°43'43"	11°18'18"	24°57'57"	27°28'28"	25°31'31"	15°47'47"	26°3'3"	27°28'28"	21°34'34"	5°48'48"	S 10
M11	13 18 56	21°36'34"	25°2'2"	23°59'59"	24°1'1"	25°26'26"	11°32'32"	24°57'57"	27°29'29"	25°32'32"	15°47'47"	26°R 4	27°25'25"	21°41'41"	5°52'52"	M11
T 12	13 22 53	22°35'49"	6°56'56"	25°6'6"	25°13'13"	26°9'9"	11°46'46"	24°56'56"	27°30'30"	25°34'34"	15°48'48"	26°2'2"	27°22'22"	21°48'48"	5°56'56"	T 12
W13	13 26 49	23°35'02"	18°56'56"	26°16'16"	26°26'26"	26°51'51"	12°0'0"	24°55'55"	27°31'31"	25°35'35"	15°48'48"	26°0'0"	27°19'19"	21°54'54"	5°59'59"	W13
T 14	13 30 46	24°34'13"	1°18'8"	27°28'28"	27°38'38"	27°34'34"	12°14'14"	24°54'54"	27°32'32"	25°37'37"	15°48'48"	25°56'56"	27°16'16"	22°1'1"	6°3'3"	T 14
F 15	13 34 42	25°33'23"	13°34'34"	28°43'43"	28°50'50"	28°16'16"	12°28'28"	24°53'53"	27°33'33"	25°38'38"	15°49'49"	25°51'51"	27°12'12"	22°8'8"	6°6'6"	F 15
S 16	13 38 39	26°32'30"	26°17'17"	29°59'59"	0°11'2"	28°59'59"	12°42'42"	24°52'52"	27°34'34"	25°39'39"	15°49'49"	25°46'46"	27°9'9"	22°14'14"	6°10'10"	S 16
S 17	13 42 35	27°31'36"	9°18'18"	1°17'17"	1°14'14"	29°41'41"	12°56'56"	24°50'50"	27°34'34"	25°41'41"	15°50'50"	25°42'42"	27°6'6"	22°21'21"	6°13'13"	S 17
M18	13 46 32	28°30'40"	22°38'38"	2°37'37"	2°26'26"	0°11'23"	13°11'11"	24°49'49"	27°35'35"	25°42'42"	15°50'50"	25°38'38"	27°3'3"	22°28'28"	6°17'17"	M18
T 19	13 50 28	29°29'42"	6°18'18"	3°59'59"	3°38'38"	1°6'6"	13°25'25"	24°47'47"	27°36'36"	25°43'43"	15°50'50"	25°35'35"	27°0'0"	22°34'34"	6°20'20"	T 19
W20	13 54 25	0°18'28'42"	20°4'4"	5°23'23"	4°50'50"	1°48'48"	13°39'39"	24°46'46"	27°36'36"	25°44'44"	15°51'51"	25°D34	26°56'56"	22°41'41"	6°24'24"	W20
T 21	13 58 22	1°27'40"	4°11'5"	6°49'49"	6°1'1"	2°30'30"	13°53'53"	24°44'44"	27°37'37"	25°46'46"	15°51'51"	25°34'34"	26°53'53"	22°48'48"	6°28'28"	T 21
F 22	14 2 18	2°26'36"	18°13'13"	8°16'16"	7°13'13"	3°12'12"	14°8'8"	24°42'42"	27°37'37"	25°47'47"	15°52'52"	25°35'35"	26°50'50"	22°54'54"	6°31'31"	F 22
S 23	14 6 15	3°25'30"	2°27'27"	9°45'45"	8°24'24"	3°54'54"	14°22'22"	24°40'40"	27°38'38"	25°48'48"	15°53'53"	25°37'37"	26°47'47"	23°1'1"	6°35'35"	S 23
S 24	14 10 11	4°24'21"	16°41'41"	11°16'16"	9°36'36"	4°37'37"	14°36'36"	24°38'38"	27°38'38"	25°49'49"	15°53'53"	25°38'38"	26°44'44"	23°8'8"	6°38'38"	S 24
M25	14 14 8	5°23'10"	0°15'55"	12°48'48"	10°47'47"	5°19'19"	14°51'51"	24°36'36"	27°39'39"	25°50'50"	15°54'54"	25°R39	26°41'41"	23°15'15"	6°42'42"	M25
T 26	14 18 4	6°21'57"	15°5'5"	14°22'22"	11°59'59"	6°1'1"	15°5'5"	24°34'34"	27°39'39"	25°51'51"	15°54'54"	25°38'38"	26°37'37"	23°21'21"	6°46'46"	T 26
W27	14 22 1	7°20'42"	29°10'10"	15°58'58"	13°10'10"	6°43'43"	15°19'19"	24°32'32"	27°39'39"	25°52'52"	15°55'55"	25°37'37"	26°34'34"	23°28'28"	6°49'49"	W27
T 28	14 25 57	8°19'24"	13°17'7"	17°35'35"	14°21'21"	7°24'24"	15°34'34"	24°30'30"	27°39'39"	25°53'53"	15°56'56"	25°36'36"	26°31'31"	23°35'35"	6°53'53"	T 28
F 29	14 29 54	9°18'04"	26°55'55"	19°14'14"	15°32'32"	8°6'6"	15°48'48"	24°27'27"	27°40'40"	25°54'54"	15°56'56"	25°33'33"	26°28'28"	23°41'41"	6°56'56"	F 29
S 30	14 33 51	10°16'42"	10°12'32"	20°15'55"	16°11'43"	8°11'48"	16°18'2"	24°12'25"	27°40'40"	25°55'55"	15°57'57"	25°11'31"	26°11'25"	23°48'48"	7°0'0"	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
F 1	4n37	0n40	4s48	6s 8	0s24	15n27	0n 6	17n34	0n22	13n36	0s58	21s37	1n38	21s 5	0s28	F 1
S 2	5 0	4s20	4 13	6 5	0 36	15 52	0 9	17 47	0 23	13 41	0 57	21 37	1 38	21 5	0 28	S 2
S 3	5 23	9 1	3 24	5 59	0 47	16 17	0 12	17 59	0 24	13 45	0 57	21 37	1 39	21 5	0 28	S 3
M 4	5 46	13 8	2 23	5 52	0 58	16 41	0 15	18 11	0 24	13 50	0 57	21 37	1 39	21 4	0 28	M 4
T 5	6 9	16 30	1 17	5 43	1 8	17 5	0 18	18 23	0 25	13 54	0 57	21 37	1 39	21 4	0 28	T 5
W 6	6 32	18 57	0 8	5 32	1 17	17 28	0 21	18 35	0 25	13 58	0 57	21 37	1 39	21 4	0 28	W 6
T 7	6 54	20 25	1n 0	5 19	1 26	17 51	0 24	18 46	0 26	14 3	0 57	21 37	1 39	21 4	0 28	T 7
F 8	7 17	20 52	2 3	5 4	1 35	18 14	0 28	18 58	0 27	14 7	0 57	21 36	1 39	21 3	0 28	F 8
S 9	7 39	20 20	3 1	4 48	1 43	18 36	0 31	19 9	0 27	14 12	0 57	21 36	1 39	21 3	0 28	S 9
S 10	8 1	18 54	3 49	4 30	1 50	18 57	0 34	19 20	0 28	14 16	0 57	21 36	1 39	21 3	0 28	S 10
M11	8 24	16 39	4 28	4 10	1 57	19 18	0 37	19 31	0 29	14 20	0 56	21 36	1 39	21 3	0 28	M11
T 12	8 46	13 42	4 55	3 49	2 3	19 39	0 40	19 41	0 29	14 25	0 56	21 36	1 39	21 3	0 28	T 12
W13	9 7	10 11	5 10	3 27	2 9	19 59	0 43	19 52	0 30	14 29	0 56	21 36	1 40	21 3	0 28	W13
T 14	9 29	6 11	5 11	3 3	2 14	20 19	0 46	20 2	0 30	14 34	0 56	21 36	1 40	21 2	0 28	T 14
F 15	9 51	1 51	4 58	2 38	2 19	20 38	0 49	20 12	0 31	14 38	0 56	21 36	1 40	21 2	0 28	F 15
S 16	10 12	2n39	4 29	2 11	2 23	20 56	0 52	20 22	0 31	14 42	0 56	21 35	1 40	21 2	0 28	S 16
S 17	10 33	7 9	3 47	1 44	2 26	21 14	0 55	20 32	0 32	14 47	0 56	21 35	1 40	21 2	0 28	S 17
M18	10 54	11 25	2 51	1 15	2 29	21 32	0 59	20 41	0 33	14 51	0 56	21 35	1 40	21 2	0 28	M18
T 19	11 15	15 11	1 44	0 45	2 32	21 49	1 2	20 51	0 33	14 55	0 56	21 35	1 40	21 2	0 28	T 19
W20	11 36	18 11	0 30	0 14	2 34	22 5	1 5	21 0	0 34	15 0	0 56	21 35	1 40	21 2	0 28	W20
T 21	11 56	20 7	0s47	0n19	2 36	22 21	1 8	21 9	0 34	15 4	0 56	21 35	1 40	21 2	0 28	T 21
F 22	12 17	20 49	2 2	0 52	2 37	22 36	1 11	21 17	0 35	15 8	0 55	21 35	1 40	21 2	0 28	F 22
S 23	12 37	20 10	3 9	1 26	2 37	22 50	1 13	21 26	0 35	15 13	0 55	21 34	1 40	21 1	0 29	S 23
S 24	12 57	18 15	4 6	2 2	2 37	23 4	1 16	21 34	0 36	15 17	0 55	21 34	1 40	21 1	0 29	S 24
M25	13 16	15 13	4 47	2 38	2 37	23 17	1 19	21 42	0 36	15 21	0 55	21 34	1 41	21 1	0 29	M25
T 26	13 36	11 18	5 10	3 15	2 36	23 30	1 22	21 50	0 37	15 25	0 55	21 34	1 41	21 1	0 29	T 26
W27	13 55	6 48	5 15	3 53	2 34	23 42	1 25	21 58	0 37	15 30	0 55	21 34	1 41	21 1	0 29	W27
T 28	14 14	1 58	5 1	4 32	2 32	23 53	1 28	22 5	0 38	15 34	0 55	21 34	1 41	21 1	0 29	T 28
F 29	14 32	2s54	4 30	5 12	2 29	24 4	1 31	22 13	0 38	15 38	0 55	21 33	1 41	21 1	0 29	F 29
S 30	14n51	7s35	3s43	5n52	2s26	24n14	1n33	22n20	0n39	15n42	0s55	21s33	1n41	21s 1	0s29	S 30

Julian Day Number = 2694156.5, Delta T = 24m36s  
 Ecliptic obliquity = 23°21'07", Nutation = 0°00'15"  
 Ayanamsha: Fagan/Bradley = 34°01'56", Lahiri = 33°08'56"





# ASTRODIENST EPHEMERIS for the year 2664

JULY 2664

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18 38 17	10°25'3	14°8'8	0°21'25	25°24'24	20°24'45	0°22'22	20°19'19	26°20'20	25°55'17	17°11'11	24°44'24	23°8'8	0°44'44	10°11'11	F 1
S 2	18 42 14	11°0'09	26°1'1	0°32'26	26°23'21	21°25'21	0°35'00	20°15'15	26°17'17	25°55'50	17°12'12	24°36'24	23°5'5	0°51'00	10°13'13	S 2
S 3	18 46 10	11°57'25	7°53'53	0°39'27	27°21'22	22°4'4	0°47'20	20°11'11	26°15'15	25°49'17	17°14'14	24°27'24	23°1'1	0°57'10	10°15'15	S 3
M 4	18 50 7	12°54'41	19°46'46	0°41'28	28°20'22	22°44'4	1°0'20	20°7'7	26°13'13	25°47'17	17°15'15	24°18'18	22°58'1	1°4'10	10°17'17	M 4
T 5	18 54 3	13°51'56	1°41'41	0°38'29	29°18'23	23°23'23	1°12'20	20°3'3	26°10'10	25°46'17	17°17'17	24°10'10	22°55'1	1°11'10	10°19'19	T 5
W 6	18 58 0	14°49'11	13°41'41	0°31'00	30°15'24	24°3'3	1°24'19	19°59'59	26°8'8	25°45'17	17°18'18	24°4'4	22°52'1	1°17'10	10°21'21	W 6
T 7	19 1 56	15°46'26	25°50'50	0°20'1	1°12'24	24°42'42	1°37'19	19°55'55	26°6'6	25°44'17	17°20'20	24°0'0	22°49'1	1°24'10	10°23'23	T 7
F 8	19 5 53	16°43'41	8°12'12	0°4'2	2°8'25	25°21'21	1°49'19	19°52'52	26°3'3	25°43'17	17°21'21	23°58'58	22°45'1	1°31'10	10°25'25	F 8
S 9	19 9 50	17°40'57	20°51'51	29°44'44	3°5'26	1°26'1	2°1'19	19°48'48	26°1'1	25°42'17	17°23'23	23°D58	22°42'1	1°38'10	10°27'27	S 9
S 10	19 13 46	18°38'12	3°51'51	29°21'21	4°0'26	2°40'40	2°13'13	19°44'44	25°58'58	25°41'17	17°24'24	23°58'58	22°39'1	1°44'10	10°29'29	S 10
M 11	19 17 43	19°35'27	17°16'16	28°54'54	4°55'27	2°19'19	2°25'25	19°41'41	25°56'56	25°39'17	17°26'26	23°R59	22°36'1	1°51'10	10°30'30	M 11
T 12	19 21 39	20°32'42	1°11'11	28°24'24	5°50'27	2°59'29	2°36'36	19°37'37	25°54'54	25°38'17	17°27'27	23°59'59	22°33'1	1°58'10	10°32'32	T 12
W 13	19 25 36	21°29'58	15°29'29	27°52'52	6°44'28	2°38'38	2°48'48	19°34'34	25°51'51	25°37'17	17°29'29	23°57'57	22°30'1	2°4'10	10°34'34	W 13
T 14	19 29 32	22°27'14	0°41'41	27°17'17	7°37'29	2°17'17	3°0'19	19°30'30	25°49'49	25°36'17	17°30'30	23°53'53	22°26'1	2°11'10	10°35'35	T 14
F 15	19 33 29	23°24'29	15°20'20	26°41'41	8°30'30	2°56'56	3°11'11	19°27'27	25°46'46	25°34'17	17°31'31	23°47'47	22°23'1	2°18'10	10°37'37	F 15
S 16	19 37 25	24°21'45	0°43'43	26°4'4	9°22'00	3°35'35	3°23'23	19°24'24	25°44'44	25°33'17	17°33'33	23°39'39	22°20'1	2°25'10	10°38'38	S 16
S 17	19 41 22	25°19'01	15°52'52	25°27'27	10°14'14	1°15'15	3°34'34	19°21'21	25°41'41	25°32'17	17°34'34	23°30'30	22°17'1	2°31'10	10°40'40	S 17
M 18	19 45 19	26°16'16	0°46'46	24°50'50	11°5'11	1°54'54	3°45'45	19°18'18	25°39'39	25°30'17	17°36'36	23°21'21	22°14'1	2°38'10	10°41'41	M 18
T 19	19 49 15	27°13'32	15°41'41	24°13'13	11°55'55	2°33'33	3°57'57	19°14'14	25°37'37	25°29'17	17°37'37	23°14'14	22°11'1	2°45'10	10°43'43	T 19
W 20	19 53 12	28°10'47	29°59'59	23°39'39	12°45'45	3°12'12	4°8'8	19°12'12	25°34'34	25°27'17	17°39'39	23°9'9	22°7'1	2°51'10	10°44'44	W 20
T 21	19 57 8	29°8'02	13°49'49	23°7'7	13°34'34	3°51'51	4°19'19	19°9'9	25°32'32	25°26'17	17°40'40	23°6'6	22°4'1	2°58'10	10°45'45	T 21
F 22	20 1 5	0°45'17	27°12'12	22°37'37	14°22'42	4°30'30	4°30'30	19°6'6	25°29'29	25°25'17	17°42'42	23°D5	22°1'1	3°5'10	10°46'46	F 22
S 23	20 5 1	1°2'31	10°11'11	22°11'11	15°9'9	5°9'9	4°40'40	19°3'3	25°27'27	25°23'17	17°43'43	23°5'5	21°58'58	3°12'10	10°48'48	S 23
S 24	20 8 58	1°59'46	22°46'46	21°49'49	15°56'56	5°48'48	4°51'51	19°0'0	25°25'25	25°22'17	17°45'45	23°R5	21°55'55	3°18'10	10°49'49	S 24
M 25	20 12 54	2°57'01	5°47'47	21°31'31	16°42'42	6°27'27	5°2'2	18°58'58	25°22'22	25°20'17	17°46'46	23°5'5	21°51'51	3°25'10	10°50'50	M 25
T 26	20 16 51	3°54'16	17°15'15	21°17'17	17°26'26	7°6'6	5°12'12	18°55'55	25°20'20	25°19'17	17°48'48	23°2'2	21°48'48	3°32'10	10°51'51	T 26
W 27	20 20 48	4°51'31	29°15'15	21°8'8	18°10'10	7°45'45	5°23'23	18°53'53	25°17'17	25°17'17	17°49'49	22°57'57	21°45'45	3°39'10	10°52'52	W 27
T 28	20 24 44	5°48'46	11°31'31	21°D5	18°53'53	8°24'24	5°33'33	18°50'50	25°15'15	25°16'17	17°51'51	22°50'50	21°42'42	3°45'10	10°53'53	T 28
F 29	20 28 41	6°46'01	23°2'2	21°7'7	19°35'35	9°2'2	5°43'43	18°48'48	25°13'13	25°14'17	17°52'52	22°39'39	21°39'39	3°52'10	10°53'53	F 29
S 30	20 32 37	7°43'17	4°44'44	21°14'14	20°16'16	9°41'41	5°53'53	18°46'46	25°10'10	25°13'17	17°53'53	22°27'27	21°36'36	3°59'10	10°54'54	S 30
S 31	20 36 34	8°40'33	16°48'48	21°28'28	20°46'46	10°20'20	6°11'11	18°44'44	25°8'8	25°11'17	17°55'55	22°14'14	21°32'32	4°5'10	10°55'55	S 31

Day	☉	☾			♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	22n58	18s44	3n54	18n48	1s13	14n33	1n38	22n46	1n 1	19n17	0s54	21s21	1n39	21s18	0s30	13s 1	0s10	18n43	3s34	18s53	18s29	15s16	14n 1	0s50			
S 2	22 54	16 27	4 30	18 30	1 29	14 9	1 34	22 40	1 1	19 19	0 54	21 21	1 39	21 19	0 30	13 1	0 10	18 43	3 34	18 51	18 28	15 14	14 2	0 50			
S 3	22 49	13 29	4 54	18 13	1 45	13 46	1 30	22 34	1 2	19 22	0 54	21 21	1 39	21 19	0 30	13 1	0 10	18 43	3 33	18 49	18 28	15 13	14 3	0 50			
M 4	22 44	9 59	5 6	17 57	2 2	13 22	1 26	22 27	1 2	19 24	0 54	21 21	1 39	21 20	0 30	13 2	0 10	18 43	3 33	18 47	18 27	15 11	14 3	0 50			
T 5	22 38	6 6	5 4	17 42	2 18	12 57	1 22	22 21	1 2	19 27	0 54	21 21	1 39	21 20	0 30	13 2	0 10	18 43	3 33	18 45	18 26	15 9	14 4	0 51			
W 6	22 32	1 56	4 49	17 27	2 34	12 33	1 17	22 14	1 2	19 29	0 54	21 20	1 38	21 21	0 30	13 3	0 10	18 43	3 33	18 43	18 25	15 7	14 4	0 51			
T 7	22 25	2n21	4 21	17 14	2 50	12 9	1 13	22 8	1 2	19 32	0 54	21 20	1 38	21 21	0 30	13 3	0 10	18 42	3 33	18 42	18 24	15 6	14 5	0 51			
F 8	22 19	6 37	3 40	17 2	3 6	11 44	1 8	22 1	1 3	19 34	0 54	21 20	1 38	21 22	0 30	13 3	0 10	18 42	3 33	18 42	18 24	15 4	14 5	0 51			
S 9	22 11	10 42	2 48	16 51	3 21	11 19	1 3	21 54	1 3	19 36	0 54	21 20	1 38	21 22	0 30	13 4	0 10	18 42	3 33	18 42	18 23	15 2	14 6	0 51			
S 10	22 4	14 25	1 46	16 42	3 35	10 54	0 58	21 46	1 3	19 39	0 54	21 20	1 38	21 22	0 30	13 4	0 10	18 42	3 33	18 42	18 22	15 0	14 6	0 51			
M 11	21 56	17 30	0 36	16 34	3 49	10 29	0 53	21 39	1 3	19 41	0 54	21 20	1 38	21 23	0 31	13 5	0 10	18 42	3 33	18 42	18 21	14 59	14 6	0 51			
T 12	21 47	19 41	0s38	16 27	4 2	10 4	0 47	21 32	1 3	19 43	0 54	21 20	1 37	21 23	0 31	13 5	0 10	18 42	3 33	18 42	18 20	14 57	14 7	0 51			
W 13	21 38	20 42	1 52	16 22	4 14	9 39	0 41	21 24	1 4	19 45	0 54	21 20	1 37	21 24	0 31	13 5	0 10	18 42	3 33	18 42	18 20	14 55	14 7	0 52			
T 14	21 29	20 20	3 1	16 18	4 25	9 14	0 36	21 16	1 4	19 48	0 54	21 19	1 37	21 24	0 31	13 6	0 10	18 42	3 33	18 41	18 19	14 53	14 8	0 52			
F 15	21 20	18 31	3 59	16 15	4 34	8 49	0 29	21 8	1 4	19 50	0 54	21 19	1 37	21 25	0 31	13 6	0 10	18 41	3 33	18 39	18 18	14 52	14 8	0 52			
S 16	21 10	15 23	4 40	16 14	4 42	8 23	0 23	21 0	1 4	19 52	0 54	21 19	1 37	21 25	0 31	13 7	0 10	18 41	3 33	18 37	18 17	14 50	14 8	0 52			
S 17	21 0	11 13	5 1	16 15	4 48	7 58	0 17	20 51	1 4	19 54	0 54	21 19	1 37	21 26	0 31	13 7	0 10	18 41	3 33	18 35	18 16	14 48	14 9	0 52			
M 18	20 49	6 24	5 1	16 16	4 53	7 33	0 10	20 43	1 4	19 56	0 55	21 19	1 36	21 26	0 31	13 8	0 10	18 41	3 33	18 33	18 16	14 46	14 9	0 52			
T 19	20 38	1 18	4 41	16 19	4 56	7 7	0 4	20 34	1 5	19 58	0 55	21 19	1 36	21 27	0 31	13 8	0 10	18 41	3 33	18 31	18 15	14 45	14 9	0 52			
W 20	20 27	3s43	4 4	16 24	4 58	6 42	0s 3	20 25	1 5	20 0	0 55	21 19	1 36	21 27	0 31	13 9	0 10	18 41	3 33	18 29	18 14	14 43	14 10	0 52			
T 21	20 15	8 24	3 13	16 29	4 58	6 17	0 10	20 16	1 5	20 2	0 55	21 19	1 36	21 27	0 31	13 9	0 10	18 40	3 33	18 29	18 13	14 41	14 10	0 52			
F 22	20 3	12 31	2 13	16 35	4 56	5 52	0 18	20 7	1 5	20 4	0 55	21 19	1 36	21 28	0 31	13 10	0 10	18 40	3 33	18 29	18 12	14 39	14 10	0 53			
S 23	19 51	15 53	1 8	16 43	4 53	5 26	0 25	19 58	1 5	20 6	0 55	21 19	1 36	21 28	0 31	13 10	0 10	18 40	3 33	18 29	18 11	14 38	14 10	0 53			
S 24	19 39	18 25	0 2	16 51	4 48	5 1	0 33	19 49	1 5	20 8	0 55	21 19	1 35	21 29	0 31	13 11	0 10	18 40	3 32	18 29	18 11	14 36	14 11	0 53			
M 25	19 26	20 2	1n 4	17 0	4 42	4 36	0 41	19 39	1 6	20 9	0 55	21 19	1 35	21 29	0 31	13 11	0 10	18 40	3 32	18 28	18 10	14 34	14 11	0 53			
T 26	19 12	20 40	2 5	17 9	4 34	4 12	0 49	19 29	1 6	20 11	0 55	21 19	1 35	21 30	0 31	13 12	0 10	18 40	3 32	18 28	18 9	14 32	14 11	0 53			
W 27	18 59	20 22	2 59	17 19	4 26	3 47	0 57	19 20	1 6	20 13	0 55	21 19	1 35	21 30	0 31	13 12	0 10	18 40	3 32	18 27	18 8	14 30	14 11	0 53			
T 28	18 45	19 8	3 46	17 30	4 16	3 23	1 5	19 10	1 6	20 15	0 55	21 19	1 35	21 31	0 31	13 13	0 10	18 39	3 32	18 25	18 7	14 29	14 11	0 53			
F 29	18 31	17 5	4 22	17 40	4 5	2 58	1 14	19 0	1 6	20 16	0 55	21 19	1 34	21 31	0 31	13 13	0 10	18 39	3 32	18 22	18 7	14 27	14 12	0 53			
S 30	18 16	14 20	4 47	17 51	3 53	2 34	1 23	18 50	1 6	20 18	0 55	21 19	1 34	21 31	0 31	13 14	0 10	18 39	3 32	18 19	18 6	14 25	14 12	0 53			
S 31	18n 2	10s59	4n59	18n 1	3s40	2n10	1s32	18n39	1n 6	20n20	0s55	21s19	1n34	21s32	0s31	13s14	0s10	18n39	3s32	18s16	18s 5	14s23	14n12	0s54			

Julian Day Number = 2694247.5, Delta T = 24m37s  
Ecliptic obliquity = 23°21'05, Nutation = 0°00'15  
Ayanamsha: Fagan/Bradley = 34°02'09, Lahiri = 33°09'09

## ASTRODIENST EPHEMERIS for the year 2664

AUGUST 2664

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	20 40 30	9♂37'50	28♂43	21♂46	21♂35	10♂59	6♂13	18°R42	25°R 6	25°R10	17♂56	22°R 1	21♂29	4♂12	10♂56	M 1
T 2	20 44 27	10°35'07	10♂43	22°11	22°13	11°38	6°23	18°R40	25°R 3	25°R 8	17°58	21♂49	21°26	4°19	10°56	T 2
W 3	20 48 23	11°32'25	22°48	22°42	22°49	12°16	6°32	18°38	25° 1	25° 7	17°59	21°39	21°23	4°26	10°57	W 3
T 4	20 52 20	12°29'43	5°Y 1	23°18	23°25	12°55	6°42	18°36	24°59	25° 5	18° 0	21°32	21°20	4°32	10°57	T 4
F 5	20 56 17	13°27'02	17°26	24° 0	23°59	13°34	6°51	18°35	24°56	25° 3	18° 2	21°27	21°16	4°39	10°58	F 5
S 6	21 0 13	14°24'22	0♂ 5	24°47	24°31	14°12	7° 1	18°33	24°54	25° 2	18° 3	21°25	21°13	4°46	10°58	S 6
S 7	21 4 10	15°21'44	13° 2	25°41	25° 3	14°51	7°10	18°32	24°52	25° 0	18° 4	21°24	21°10	4°52	10°59	S 7
M 8	21 8 6	16°19'06	26°21	26°40	25°33	15°30	7°19	18°30	24°50	24°59	18° 6	21°24	21° 7	4°59	10°59	M 8
T 9	21 12 3	17°16'29	10♂ 5	27°44	26° 1	16° 8	7°28	18°29	24°48	24°57	18° 7	21°24	21° 4	5° 6	10°59	T 9
W10	21 15 59	18°13'53	24°16	28°54	26°28	16°47	7°37	18°28	24°45	24°55	18° 8	21°21	21° 1	5°13	11° 0	W10
T 11	21 19 56	19°11'19	8♂53	0♂ 9	26°54	17°26	7°45	18°27	24°43	24°54	18°10	21°16	20°57	5°19	11° 0	T 11
F 12	21 23 52	20° 8'45	23°51	1°29	27°17	18° 4	7°54	18°26	24°41	24°52	18°11	21° 8	20°54	5°26	11° 0	F 12
S 13	21 27 49	21° 6'12	9♂ 3	2°54	27°39	18°43	8° 2	18°25	24°39	24°51	18°12	20°59	20°51	5°33	11° 0	S 13
S 14	21 31 46	22° 3'40	24°19	4°24	28° 0	19°21	8°10	18°24	24°37	24°49	18°14	20°48	20°48	5°39	11°R 0	S 14
M15	21 35 42	23° 1'09	9♂28	5°58	28°18	20° 0	8°18	18°23	24°35	24°47	18°15	20°37	20°45	5°46	11° 0	M15
T 16	21 39 39	23°58'39	24°19	7°36	28°35	20°38	8°26	18°23	24°33	24°46	18°16	20°28	20°42	5°53	11° 0	T 16
W17	21 43 35	24°56'09	8♂45	9°18	28°50	21°17	8°34	18°22	24°31	24°44	18°17	20°21	20°38	6° 0	11° 0	W17
T 18	21 47 32	25°53'41	22°42	11° 4	29° 2	21°55	8°42	18°22	24°29	24°42	18°19	20°17	20°35	6° 6	10°59	T 18
F 19	21 51 28	26°51'13	6♂10	12°53	29°13	22°34	8°50	18°21	24°27	24°41	18°20	20°14	20°32	6°13	10°59	F 19
S 20	21 55 25	27°48'45	19°10	14°45	29°21	23°12	8°57	18°21	24°25	24°39	18°21	20°D14	20°29	6°20	10°59	S 20
S 21	21 59 21	28°46'19	1♂48	16°40	29°28	23°51	9° 4	18°21	24°23	24°37	18°22	20°R14	20°26	6°26	10°58	S 21
M22	22 3 18	29°43'54	14° 7	18°36	29°32	24°29	9°11	18°D21	24°21	24°36	18°23	20°13	20°22	6°33	10°58	M22
T 23	22 7 15	0♂41'29	26°12	20°35	29°R34	25° 8	9°18	18°21	24°20	24°34	18°25	20°11	20°19	6°40	10°58	T 23
W24	22 11 11	1°39'05	8♂ 9	22°35	29°33	25°46	9°25	18°21	24°18	24°33	18°26	20° 6	20°16	6°47	10°57	W24
T 25	22 15 8	2°36'42	20° 1	24°35	29°30	26°24	9°32	18°21	24°16	24°31	18°27	19°59	20°13	6°53	10°56	T 25
F 26	22 19 4	3°34'20	1♂52	26°37	29°25	27° 3	9°38	18°22	24°14	24°29	18°28	19°49	20°10	7° 0	10°56	F 26
S 27	22 23 1	4°32'00	13°45	28°39	29°17	27°41	9°44	18°22	24°13	24°28	18°29	19°37	20° 7	7° 7	10°55	S 27
S 28	22 26 57	5°29'40	25°42	0♂41	29° 7	28°20	9°51	18°23	24°11	24°26	18°30	19°24	20° 3	7°13	10°54	S 28
M29	22 30 54	6°27'21	7♂44	2°43	28°55	28°58	9°57	18°23	24°10	24°25	18°31	19°11	20° 0	7°20	10°54	M29
T 30	22 34 50	7°25'04	19°52	4°44	28°40	29°36	10° 3	18°24	24° 8	24°23	18°32	18°59	19°57	7°27	10°53	T 30
W31	22 38 47	8♂22'48	2°Y 8	6♂45	28♂23	0♂14	10♂ 8	18°R25	24°R 6	24°R21	18°R33	18♂49	19♂54	7♂34	10♂52	W31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	17n46	7s12	4n58	18n12	3s27	1n46	1s41	18n29	1n 7	20n21	0s55	21s19	1n34	21s32	0s31	13s15	0s10	18n39	3s32	18s12	18s 4	14s21	14n12	0s54			
T 2	17 31	3 8	4 45	18 21	3 13	1 23	1 51	18 18	1 7	20 23	0 55	21 19	1 34	21 33	0 31	13 15	0 10	18 39	3 32	18 9	18 3	14 20	14 12	0 54			
W 3	17 16	1n 6	4 18	18 31	2 59	1 0	2 0	18 8	1 7	20 25	0 56	21 19	1 33	21 33	0 31	13 16	0 10	18 39	3 32	18 7	18 2	14 18	14 12	0 54			
T 4	17 0	5 20	3 39	18 39	2 44	0 37	2 10	17 57	1 7	20 26	0 56	21 19	1 33	21 34	0 31	13 16	0 10	18 38	3 32	18 5	18 2	14 16	14 12	0 54			
F 5	16 43	9 26	2 49	18 47	2 29	0 14	2 20	17 46	1 7	20 28	0 56	21 19	1 33	21 34	0 31	13 17	0 10	18 38	3 32	18 4	18 1	14 14	14 12	0 54			
S 6	16 27	13 11	1 50	18 54	2 14	0s 8	2 30	17 35	1 7	20 29	0 56	21 19	1 33	21 34	0 31	13 17	0 10	18 38	3 32	18 3	18 0	14 12	14 12	0 54			
S 7	16 10	16 24	0 44	19 0	1 58	0 30	2 41	17 24	1 7	20 30	0 56	21 19	1 33	21 35	0 31	13 18	0 10	18 38	3 32	18 3	17 59	14 11	14 12	0 54			
M 8	15 53	18 51	0s26	19 4	1 43	0 51	2 51	17 12	1 7	20 32	0 56	21 19	1 32	21 35	0 31	13 19	0 10	18 38	3 32	18 3	17 58	14 9	14 12	0 55			
T 9	15 36	20 17	1 37	19 6	1 28	1 12	3 2	17 1	1 8	20 33	0 56	21 19	1 32	21 36	0 31	13 19	0 10	18 38	3 32	18 3	17 57	14 7	14 12	0 55			
W10	15 19	20 30	2 44	19 7	1 12	1 33	3 13	16 49	1 8	20 35	0 56	21 19	1 32	21 36	0 31	13 20	0 10	18 37	3 32	18 2	17 57	14 5	14 12	0 55			
T 11	15 1	19 21	3 43	19 6	0 58	1 53	3 24	16 38	1 8	20 36	0 56	21 20	1 32	21 36	0 31	13 20	0 10	18 37	3 32	18 1	17 56	14 3	14 12	0 55			
F 12	14 43	16 52	4 27	19 4	0 43	2 13	3 35	16 26	1 8	20 37	0 56	21 20	1 32	21 37	0 31	13 21	0 10	18 37	3 32	17 59	17 55	14 2	14 12	0 55			
S 13	14 25	13 12	4 54	18 58	0 29	2 32	3 46	16 14	1 8	20 38	0 56	21 20	1 31	21 37	0 31	13 21	0 10	18 37	3 32	17 56	17 54	14 0	14 12	0 55			
S 14	14 6	8 39	5 0	18 51	0 15	2 51	3 58	16 2	1 8	20 40	0 56	21 20	1 31	21 37	0 31	13 22	0 10	18 37	3 32	17 53	17 53	13 58	14 12	0 55			
M15	13 48	3 36	4 44	18 41	0 2	3 9	4 10	15 50	1 8	20 41	0 57	21 20	1 31	21 38	0 31	13 22	0 10	18 37	3 32	17 50	17 52	13 56	14 12	0 55			
T 16	13 29	1s35	4 10	18 29	0n11	3 26	4 21	15 38	1 8	20 42	0 57	21 20	1 31	21 38	0 31	13 23	0 10	18 36	3 32	17 48	17 52	13 54	14 11	0 56			
W17	13 10	6 32	3 20	18 14	0 23	3 43	4 33	15 26	1 8	20 43	0 57	21 20	1 31	21 38	0 31	13 24	0 10	18 36	3 32	17 46	17 51	13 53	14 11	0 56			
T 18	12 50	10 58	2 20	17 56	0 35	3 59	4 45	15 14	1 8	20 44	0 57	21 21	1 30	21 39	0 31	13 24	0 10	18 36	3 32	17 45	17 50	13 51	14 11	0 56			
F 19	12 31	14 41	1 14	17 36	0 45	4 14	4 57	15 1	1 8	20 45	0 57	21 21	1 30	21 39	0 31	13 25	0 10	18 36	3 32	17 44	17 49	13 49	14 11	0 56			
S 20	12 11	17 33	0 6	17 13	0 55	4 29	5 9	14 49	1 9	20 46	0 57	21 21	1 30	21 39	0 31	13 25	0 10	18 36	3 32	17 44	17 48	13 47	14 11	0 56			
S 21	11 52	19 27	1n 1	16 48	1 4	4 42	5 21	14 36	1 9	20 47	0 57	21 21	1 30	21 40	0 31	13 26	0 10	18 36	3 32	17 44	17 47	13 45	14 10	0 56			
M22	11 31	20 23	2 3	16 20	1 12	4 55	5 34	14 23	1 9	20 48	0 57	21 21	1 30	21 40	0 31	13 26	0 10	18 36	3 32	17 44	17 47	13 43	14 10	0 56			
T 23	11 11	20 20	2 58	15 50	1 19	5 7	5 46	14 11	1 9	20 49	0 57	21 22	1 29	21 40	0 31	13 27	0 10	18 35	3 32	17 44	17 46	13 42	14 10	0 56			
W24	10 51	19 22	3 45	15 17	1 25	5 18	5 58	13 58	1 9	20 50	0 57	21 22	1 29	21 41	0 31	13 27	0 10	18 35	3 32	17 42	17 45	13 40	14 10	0 57			
T 25	10 30	17 33	4 21	14 42	1 31	5 27	6 10	13 45	1 9	20 51	0 57	21 22	1 29	21 41	0 31	13 28	0 10	18 35	3 32	17 40	17 44	13 38	14 9	0 57			
F 26	10 10	15 1	4 46	14 5	1 35	5 36	6 21	13 32	1 9	20 52	0 58	21 22	1 29	21 41	0 31	13 28	0 10	18 35	3 32	17 38	17 43	13 36	14 9	0 57			
S 27	9 49	11 51	4 59	13 27	1 39	5 44	6 33	13 19	1 9	20 53	0 58	21 23	1 29	21 42	0 30	13 29	0 10	18 35	3 32	17 34	17 42	13 34	14 9	0 57			
S 28	9 28	8 13	4 59	12 47	1 42	5 51	6 45	13 6	1 9	20 54	0 58	21 23	1 28	21 42	0 30	13 30	0 10	18 35	3 32	17 31	17 41	13 32	14 8	0 57			
M29	9 7	4 13	4 45	12 5	1 44	5 56	6 56	12 52	1 9	20 54	0 58	21 23	1 28	21 42	0 30	13 30	0 10	18 34	3 32	17 27	17 41	13 31	14 8	0 57			
T 30	8 45	0 2	4 19	11 22	1 45	6 0	7 7	12 39	1 9	20 55	0 58	21 23	1 28	21 42	0 30	13 31	0 10	18 34	3 32	17 24	17 40	13 29	14 8	0 57			
W31	8n24	4n13	3n40	10n38	1n45	6s 3	7s17	12n26	1n 9	20n56	0s58	21s24	1n28	21s43	0s30	13s31	0s10	18n34	3s32	17s21	17s39	13s27	14n 7	0s57			

# ASTRODIENST EPHEMERIS for the year 2664

SEPTEMBER 2664

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 42 43	9 <sup>h</sup> 20'34"	14 <sup>h</sup> 32'	8 <sup>h</sup> 45'	28°R 4	0 <sup>h</sup> 53'	10 <sup>h</sup> 14'	18 <sup>h</sup> 26'	24°R 5	24°R20	18 <sup>h</sup> 34'	18°R42	19 <sup>h</sup> 51'	7 <sup>h</sup> 40'	10°R51	T 1
F 2	22 46 40	10°18'21"	27° 6	10°44'	27 <sup>h</sup> 42'	1°31'	10°19'	18°27'	24 <sup>h</sup> 3 4	24 <sup>h</sup> 18	18°35'	18 <sup>h</sup> 38'	19°48'	7°47'	10 <sup>h</sup> 50'	F 2
S 3	22 50 37	11°16'10"	9 <sup>h</sup> 53'	12°42'	27°18'	2° 9	10°24'	18°28'	24° 2	24°17	18°36'	18°36'	19°44'	7°54'	10°49'	S 3
S 4	22 54 33	12°14'00"	22°55'	14°39'	26°53'	2°48'	10°29'	18°29'	24° 1	24°15	18°37'	18°D35	19°41'	8° 1	10°48'	S 4
M 5	22 58 30	13°11'52"	6 <sup>h</sup> 14'	16°35'	26°25'	3°26'	10°34'	18°31'	23°59'	24°14	18°38'	18°36'	19°38'	8° 7	10°47'	M 5
T 6	23 2 26	14° 9'46"	19°53'	18°30'	25°55'	4° 4	10°39'	18°32'	23°58'	24°12	18°39'	18°R36	19°35'	8°14	10°45'	T 6
W 7	23 6 23	15° 7'42"	3 <sup>h</sup> 54'	20°24'	25°24'	4°42'	10°43'	18°34'	23°57'	24°11	18°40'	18°34'	19°32'	8°21	10°44'	W 7
T 8	23 10 19	16° 5'40"	18°17'	22°16'	24°51'	5°20'	10°48'	18°35'	23°56'	24° 9	18°41'	18°31'	19°28'	8°27	10°43'	T 8
F 9	23 14 16	17° 3'39"	2 <sup>h</sup> 58'	24° 7	24°17'	5°59'	10°52'	18°37'	23°55'	24° 8	18°42'	18°25'	19°25'	8°34	10°42'	F 9
S 10	23 18 12	18° 1'40"	17°53'	25°57'	23°42'	6°37'	10°56'	18°39'	23°53'	24° 6	18°43'	18°17'	19°22'	8°41	10°40'	S 10
S 11	23 22 9	18°59'43"	2 <sup>h</sup> 54'	27°46'	23° 7	7°15'	11° 0	18°41'	23°52'	24° 5	18°44'	18° 8	19°19'	8°48	10°39'	S 11
M12	23 26 6	19°57'48"	17°51'	29°33'	22°30'	7°53'	11° 3	18°43'	23°51'	24° 3	18°44'	17°59'	19°16'	8°54	10°37'	M12
T 13	23 30 2	20°55'54"	2 <sup>h</sup> 35'	1 <sup>h</sup> 19'	21°53'	8°31'	11° 7	18°45'	23°50'	24° 2	18°45'	17°52'	19°13'	9° 1	10°36'	T 13
W14	23 33 59	21°54'01"	16°58'	3° 4	21°16'	9°10'	11°10'	18°47'	23°50'	24° 0	18°46'	17°46'	19° 9	9° 8	10°34'	W14
T 15	23 37 55	22°52'10"	0 <sup>h</sup> 56'	4°47'	20°39'	9°48'	11°13'	18°49'	23°49'	23°59'	18°47'	17°42'	19° 6	9°14	10°33'	T 15
F 16	23 41 52	23°50'21"	14°27'	6°30'	20° 2	10°26'	11°16'	18°51'	23°48'	23°58'	18°48'	17°D41	19° 3	9°21	10°31'	F 16
S 17	23 45 48	24°48'33"	27°31'	8°11'	19°26'	11° 4	11°18'	18°54'	23°47'	23°56'	18°48'	17°41'	19° 0	9°28	10°29'	S 17
S 18	23 49 45	25°46'47"	10 <sup>h</sup> 12'	9°51'	18°50'	11°42'	11°21'	18°56'	23°46'	23°55'	18°49'	17°42'	18°57'	9°35	10°27'	S 18
M19	23 53 41	26°45'02"	22°33'	11°30'	18°16'	12°20'	11°23'	18°59'	23°46'	23°54'	18°50'	17°R43	18°53'	9°41	10°26'	M19
T 20	23 57 38	27°43'18"	4 <sup>h</sup> 34'	13° 8	17°42'	12°58'	11°25'	19° 2	23°45'	23°52'	18°50'	17°43'	18°50'	9°48	10°24'	T 20
W21	0 1 35	28°41'36"	16°38'	14°44'	17°10'	13°36'	11°27'	19° 5	23°44'	23°51'	18°51'	17°41'	18°47'	9°55	10°22'	W21
T 22	0 5 31	29°39'56"	28°30'	16°20'	16°40'	14°14'	11°29'	19° 7	23°44'	23°50'	18°52'	17°37'	18°44'	10° 1	10°20'	T 22
F 23	0 9 28	0 <sup>h</sup> 38'17"	10 <sup>h</sup> 22'	17°54'	16°11'	14°52'	11°30'	19°10'	23°43'	23°49'	18°52'	17°32'	18°41'	10° 8	10°18'	F 23
S 24	0 13 24	1°36'40"	22°18'	19°27'	15°44'	15°30'	11°31'	19°13'	23°43'	23°47'	18°53'	17°24'	18°38'	10°15	10°16'	S 24
S 25	0 17 21	2°35'04"	4 <sup>h</sup> 19'	20°59'	15°19'	16° 9	11°32'	19°17'	23°42'	23°46'	18°53'	17°16'	18°34'	10°22	10°14'	S 25
M26	0 21 17	3°33'30"	16°29'	22°30'	14°56'	16°47'	11°33'	19°20'	23°42'	23°45'	18°54'	17° 8	18°31'	10°28	10°12'	M26
T 27	0 25 14	4°31'58"	28°48'	24° 0	14°36'	17°25'	11°34'	19°23'	23°42'	23°44'	18°54'	17° 0	18°28'	10°35	10°10'	T 27
W28	0 29 10	5°30'27"	11 <sup>h</sup> 17'	25°29'	14°18'	18° 3	11°35'	19°27'	23°42'	23°43'	18°55'	16°54'	18°25'	10°42	10° 8	W28
T 29	0 33 7	6°28'59"	23°59'	26°57'	14° 2	18°41'	11°35'	19°30'	23°41'	23°42'	18°55'	16°50'	18°22'	10°49	10° 6	T 29
F 30	0 37 3	7 <sup>h</sup> 27'32"	6 <sup>h</sup> 51'	28 <sup>h</sup> 23'	13 <sup>h</sup> 48'	19 <sup>h</sup> 19'	11°R35	19 <sup>h</sup> 34'	23 <sup>h</sup> 41'	23 <sup>h</sup> 41'	18 <sup>h</sup> 56'	16 <sup>h</sup> 48'	18 <sup>h</sup> 19'	10 <sup>h</sup> 55	10 <sup>h</sup> 3	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	8n 2	8n20	2n50	9n53	1n45	6s 5	7s28	12n12	1n 9	20n56	0s58	21s24	1n27	21s43	0s30	13s32
F 2	7 41	12 8	1 52	9 7	1 44	6 5	7 37	11 58	1 9	20 57	0 58	21 24	1 27	21 43	0 30	13 32
S 3	7 19	15 27	0 46	8 21	1 43	6 4	7 47	11 45	1 9	20 58	0 58	21 24	1 27	21 43	0 30	13 33
S 4	6 57	18 4	0s23	7 34	1 41	6 2	7 55	11 31	1 9	20 58	0 58	21 25	1 27	21 44	0 30	13 33
M 5	6 35	19 45	1 33	6 47	1 38	5 58	8 3	11 17	1 9	20 59	0 59	21 25	1 27	21 44	0 30	13 34
T 6	6 13	20 20	2 39	5 59	1 35	5 54	8 11	11 4	1 9	21 0	0 59	21 25	1 26	21 44	0 30	13 34
W 7	5 50	19 41	3 37	5 11	1 31	5 47	8 17	10 50	1 9	21 0	0 59	21 26	1 26	21 44	0 30	13 35
T 8	5 28	17 46	4 23	4 24	1 27	5 40	8 23	10 36	1 9	21 1	0 59	21 26	1 26	21 44	0 30	13 35
F 9	5 6	14 40	4 53	3 36	1 23	5 31	8 28	10 22	1 9	21 1	0 59	21 26	1 26	21 45	0 30	13 36
S 10	4 43	10 35	5 4	2 48	1 18	5 22	8 33	10 8	1 9	21 1	0 59	21 27	1 26	21 45	0 30	13 36
S 11	4 20	5 49	4 54	2 0	1 13	5 11	8 36	9 54	1 9	21 2	0 59	21 27	1 25	21 45	0 30	13 37
M12	3 58	0 44	4 24	1 12	1 7	4 59	8 39	9 39	1 9	21 2	0 59	21 28	1 25	21 45	0 30	13 37
T 13	3 35	4s21	3 37	0 25	1 1	4 46	8 40	9 25	1 9	21 3	0 59	21 28	1 25	21 45	0 30	13 38
W14	3 12	9 3	2 37	0s22	0 55	4 32	8 41	9 11	1 9	21 3	1 0	21 28	1 25	21 45	0 30	13 38
T 15	2 49	13 8	1 29	1 9	0 49	4 17	8 40	8 56	1 9	21 3	1 0	21 29	1 25	21 46	0 30	13 39
F 16	2 26	16 23	0 17	1 55	0 43	4 2	8 39	8 42	1 9	21 4	1 0	21 29	1 24	21 46	0 30	13 39
S 17	2 3	18 41	0n53	2 41	0 36	3 46	8 37	8 28	1 9	21 4	1 0	21 30	1 24	21 46	0 30	13 40
S 18	1 40	19 57	1 58	3 27	0 29	3 29	8 34	8 13	1 9	21 4	1 0	21 30	1 24	21 46	0 30	13 40
M19	1 17	20 13	2 56	4 12	0 22	3 12	8 30	7 59	1 9	21 4	1 0	21 30	1 24	21 46	0 30	13 40
T 20	0 54	19 31	3 45	4 56	0 15	2 55	8 25	7 44	1 9	21 4	1 0	21 31	1 24	21 46	0 30	13 41
W21	0 31	17 57	4 24	5 40	0 7	2 38	8 20	7 30	1 9	21 5	1 0	21 31	1 23	21 46	0 30	13 41
T 22	0 8	15 38	4 51	6 24	0s 0	2 20	8 13	7 15	1 9	21 5	1 0	21 32	1 23	21 46	0 30	13 42
F 23	0s15	12 40	5 5	7 7	0 8	2 3	8 6	7 0	1 9	21 5	1 0	21 32	1 23	21 46	0 30	13 42
S 24	0 38	9 11	5 7	7 49	0 15	1 45	7 58	6 46	1 9	21 5	1 1	21 32	1 23	21 46	0 30	13 43
S 25	1 1	5 19	4 54	8 31	0 23	1 28	7 50	6 31	1 9	21 5	1 1	21 33	1 23	21 46	0 30	13 43
M26	1 25	1 11	4 29	9 12	0 31	1 11	7 41	6 16	1 9	21 5	1 1	21 33	1 22	21 46	0 30	13 43
T 27	1 48	3n 3	3 50	9 52	0 38	0 55	7 32	6 1	1 9	21 5	1 1	21 34	1 22	21 46	0 30	13 44
W28	2 11	7 13	3 0	10 32	0 46	0 39	7 22	5 46	1 9	21 5	1 1	21 34	1 22	21 47	0 30	13 44
T 29	2 34	11 8	2 1	11 11	0 54	0 23	7 11	5 32	1 9	21 5	1 1	21 35	1 22	21 47	0 30	13 44
F 30	2s57	14n36	0n54	11s49	1s 1	0s 8	7s 1	5n17	1n 9	21n 5	1s 1	21s35	1n22	21s47	0s30	13s45

Julian Day Number = 2694309.5, Delta T = 24m38s  
 Ecliptic obliquity = 23°21'05", Nutation = 0°00'14"  
 Ayanamsha: Fagan/Bradley = 34°02'17", Lahiri = 33°09'17"

## ASTRODIENST EPHEMERIS for the year 2664

OCTOBER 2664

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 41 0	8♂26'08	19♂56	29♂49	13°R37	19♂57	11°R35	19♂37	23°R41	23°R40	18♂56	16°D47	18♂15	11♂2	10°R 1	S 1
S 2	0 44 57	9°24'45	3♂12	1♂13	13♂29	20°35	11♂35	19°41	23°D41	23♂39	18°57	16♂48	18°12	11° 9	9♂59	S 2
M 3	0 48 53	10°23'25	16°42	2°36	13°23	21°13	11°34	19°45	23♂41	23°38	18°57	16°50	18° 9	11°15	9°56	M 3
T 4	0 52 50	11°22'07	0♂26	3°58	13°19	21°51	11°33	19°49	23°41	23°37	18°57	16°51	18° 6	11°22	9°54	T 4
W 5	0 56 46	12°20'52	14°24	5°19	13°D18	22°29	11°32	19°53	23°41	23°36	18°58	16°R51	18° 3	11°29	9°52	W 5
T 6	1 0 43	13°19'38	28°36	6°39	13°19	23° 7	11°31	19°57	23°41	23°35	18°58	16°50	17°59	11°36	9°49	T 6
F 7	1 4 39	14°18'27	12♂59	7°57	13°22	23°44	11°30	20° 1	23°42	23°34	18°58	16°48	17°56	11°42	9°47	F 7
S 8	1 8 36	15°17'18	27°31	9°14	13°28	24°22	11°28	20° 5	23°42	23°33	18°59	16°44	17°53	11°49	9°44	S 8
S 9	1 12 32	16°16'11	12♂6	10°29	13°36	25° 0	11°27	20° 9	23°42	23°32	18°59	16°40	17°50	11°56	9°42	S 9
M10	1 16 29	17°15'06	26°38	11°43	13°46	25°38	11°25	20°14	23°43	23°31	18°59	16°36	17°47	12° 2	9°39	M10
T 11	1 20 26	18°14'04	11♂1	12°55	13°59	26°16	11°23	20°18	23°43	23°31	18°59	16°32	17°44	12° 9	9°37	T 11
W12	1 24 22	19°13'03	25° 8	14° 6	14°13	26°54	11°20	20°23	23°43	23°30	18°59	16°29	17°40	12°16	9°34	W12
T 13	1 28 19	20°12'05	8♂56	15°15	14°30	27°32	11°18	20°27	23°44	23°29	19° 0	16°28	17°37	12°23	9°32	T 13
F 14	1 32 15	21°11'08	22°22	16°21	14°48	28°10	11°15	20°32	23°44	23°28	19° 0	16°D28	17°34	12°29	9°29	F 14
S 15	1 36 12	22°10'13	5♂26	17°26	15° 8	28°48	11°12	20°37	23°45	23°28	19° 0	16°28	17°31	12°36	9°27	S 15
S 16	1 40 8	23° 9'20	18° 8	18°28	15°31	29°26	11° 9	20°42	23°46	23°27	19° 0	16°30	17°28	12°43	9°24	S 16
M17	1 44 5	24° 8'29	0♂32	19°28	15°55	0♂4	11° 6	20°46	23°47	23°27	19° 0	16°32	17°25	12°50	9°21	M17
T 18	1 48 1	25° 7'40	12°41	20°25	16°20	0°42	11° 2	20°51	23°47	23°26	19° 0	16°33	17°21	12°56	9°19	T 18
W19	1 51 58	26° 6'52	24°40	21°20	16°47	1°20	10°59	20°56	23°48	23°25	19°R 0	16°R33	17°18	13° 3	9°16	W19
T 20	1 55 55	27° 6'06	6♂34	22°11	17°16	1°58	10°55	21° 1	23°49	23°25	19° 0	16°33	17°15	13°10	9°13	T 20
F 21	1 59 51	28° 5'22	18°27	22°58	17°47	2°35	10°51	21° 7	23°50	23°24	19° 0	16°32	17°12	13°16	9°10	F 21
S 22	2 3 48	29° 4'40	0♂24	23°42	18°19	3°13	10°46	21°12	23°51	23°24	19° 0	16°30	17° 9	13°23	9° 8	S 22
S 23	2 7 44	0♂3'59	12°29	24°22	18°52	3°51	10°42	21°17	23°52	23°24	19° 0	16°28	17° 5	13°30	9° 5	S 23
M24	2 11 41	1° 3'20	24°44	24°57	19°27	4°29	10°37	21°22	23°53	23°23	19° 0	16°25	17° 2	13°37	9° 2	M24
T 25	2 15 37	2° 2'43	7°V13	25°26	20° 3	5° 7	10°33	21°28	23°54	23°23	19° 0	16°23	16°59	13°43	8°59	T 25
W26	2 19 34	3° 2'08	19°57	25°51	20°41	5°45	10°28	21°33	23°55	23°22	18°59	16°21	16°56	13°50	8°57	W26
T 27	2 23 30	4° 1'35	2♂57	26° 9	21°19	6°23	10°22	21°39	23°56	23°22	18°59	16°20	16°53	13°57	8°54	T 27
F 28	2 27 27	5° 1'03	16°12	26°21	21°59	7° 0	10°17	21°44	23°58	23°22	18°59	16°D20	16°50	14° 3	8°51	F 28
S 29	2 31 24	6° 0'34	29°41	26°R25	22°40	7°38	10°12	21°50	23°59	23°22	18°59	16°20	16°46	14°10	8°48	S 29
S 30	2 35 20	7° 0'07	13♂22	26°22	23°22	8°16	10° 6	21°56	24° 0	23°22	18°59	16°21	16°43	14°17	8°46	S 30
M31	2 39 17	7♂59'43	27♂14	26♂11	24♂6	8♂54	10♂0	22♂1	24♂2	23♂21	18♂58	16♂22	16♂40	14♂24	8♂43	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	3s20	17n23	0s17	12s27	1s 9	0n 6	6s50	5n 2	1n 9	21n 5	1 s 1	21s36	1n21	21s47	0s30	13s45	0s11	18n31	3s33	16s47	17s12	12s29	13n48	1 s 1			
S 2	3 43	19 17	1 28	13 3	1 17	0 20	6 38	4 47	1 9	21 5	1 1	21 36	1 21	21 47	0 30	13 46	0 11	18 30	3 33	16 48	17 11	12 27	13 47	1 1			
M 3	4 6	20 6	2 36	13 39	1 24	0 33	6 27	4 32	1 9	21 4	1 1	21 37	1 21	21 46	0 30	13 46	0 11	18 30	3 33	16 48	17 10	12 25	13 46	1 1			
T 4	4 29	19 46	3 35	14 14	1 32	0 45	6 15	4 17	1 9	21 4	1 2	21 37	1 21	21 46	0 30	13 46	0 11	18 30	3 33	16 48	17 9	12 23	13 46	1 1			
W 5	4 52	18 12	4 24	14 49	1 39	0 56	6 3	4 2	1 9	21 4	1 2	21 38	1 21	21 46	0 30	13 47	0 11	18 30	3 33	16 49	17 9	12 21	13 45	1 1			
T 6	5 15	15 31	4 56	15 22	1 47	1 7	5 51	3 47	1 9	21 4	1 2	21 38	1 20	21 46	0 30	13 47	0 11	18 30	3 33	16 48	17 8	12 19	13 44	1 1			
F 7	5 37	11 52	5 11	15 54	1 54	1 17	5 39	3 32	1 9	21 3	1 2	21 39	1 20	21 46	0 30	13 47	0 11	18 30	3 33	16 48	17 7	12 17	13 43	1 2			
S 8	6 0	7 29	5 7	16 26	2 1	1 26	5 27	3 17	1 9	21 3	1 2	21 39	1 20	21 46	0 30	13 47	0 11	18 30	3 33	16 47	17 6	12 16	13 42	1 2			
S 9	6 23	2 39	4 42	16 56	2 8	1 34	5 15	3 2	1 9	21 3	1 2	21 40	1 20	21 46	0 30	13 48	0 11	18 30	3 33	16 45	17 5	12 14	13 41	1 2			
M10	6 45	2s20	4 0	17 26	2 15	1 41	5 3	2 47	1 9	21 3	1 2	21 40	1 20	21 46	0 30	13 48	0 11	18 30	3 33	16 44	17 4	12 12	13 40	1 2			
T 11	7 7	7 8	3 2	17 54	2 22	1 48	4 51	2 32	1 9	21 2	1 2	21 41	1 20	21 46	0 30	13 48	0 11	18 30	3 33	16 43	17 3	12 10	13 40	1 2			
W12	7 30	11 28	1 54	18 22	2 28	1 53	4 39	2 16	1 8	21 2	1 2	21 41	1 19	21 46	0 30	13 48	0 11	18 30	3 33	16 42	17 2	12 8	13 39	1 2			
T 13	7 52	15 5	0 41	18 48	2 34	1 58	4 27	2 1	1 8	21 1	1 2	21 42	1 19	21 46	0 30	13 49	0 11	18 30	3 33	16 42	17 2	12 6	13 38	1 2			
F 14	8 14	17 46	0n32	19 13	2 40	2 2	4 16	1 46	1 8	21 1	1 2	21 42	1 19	21 46	0 30	13 49	0 11	18 30	3 33	16 42	17 1	12 4	13 37	1 2			
S 15	8 36	19 27	1 42	19 37	2 46	2 5	4 4	1 31	1 8	21 0	1 2	21 42	1 19	21 46	0 30	13 49	0 11	18 30	3 33	16 42	17 0	12 2	13 36	1 2			
S 16	8 58	20 5	2 46	20 0	2 51	2 7	3 52	1 16	1 8	21 0	1 3	21 43	1 19	21 45	0 30	13 49	0 11	18 30	3 33	16 43	16 59	12 0	13 35	1 2			
M17	9 20	19 42	3 39	20 21	2 56	2 8	3 41	1 1	1 8	20 59	1 3	21 43	1 19	21 45	0 30	13 50	0 11	18 30	3 33	16 43	16 58	11 58	13 34	1 3			
T 18	9 41	18 24	4 22	20 41	3 0	2 9	3 30	0 46	1 8	20 59	1 3	21 44	1 18	21 45	0 30	13 50	0 11	18 30	3 33	16 43	16 57	11 57	13 33	1 3			
W19	10 3	16 19	4 53	20 59	3 4	2 9	3 19	0 31	1 8	20 58	1 3	21 44	1 18	21 45	0 30	13 50	0 11	18 29	3 33	16 44	16 56	11 55	13 32	1 3			
T 20	10 24	13 33	5 11	21 16	3 8	2 8	3 8	0 16	1 8	20 58	1 3	21 45	1 18	21 45	0 30	13 50	0 11	18 29	3 33	16 43	16 55	11 53	13 31	1 3			
F 21	10 45	10 14	5 15	21 32	3 11	2 6	2 57	0 1	1 8	20 57	1 3	21 45	1 18	21 45	0 30	13 50	0 11	18 29	3 33	16 43	16 54	11 51	13 30	1 3			
S 22	11 6	6 31	5 6	21 45	3 13	2 3	2 46	0s15	1 8	20 56	1 3	21 46	1 18	21 44	0 30	13 50	0 11	18 29	3 33	16 43	16 53	11 49	13 29	1 3			
S 23	11 27	2 29	4 44	21 57	3 15	2 0	2 35	0 30	1 8	20 56	1 3	21 46	1 18	21 44	0 30	13 51	0 11	18 29	3 33	16 42	16 53	11 47	13 28	1 3			
M24	11 48	1n43	4 8	22 6	3 16	1 56	2 25	0 45	1 7	20 55	1 3	21 47	1 17	21 44	0 30	13 51	0 11	18 29	3 33	16 41	16 52	11 45	13 27	1 3			
T 25	12 8	5 55	3 20	22 14	3 17	1 51	2 15	1 0	1 7	20 54	1 3	21 47	1 17	21 44	0 30	13 51	0 11	18 29	3 33	16 41	16 51	11 43	13 27	1 3			
W26	12 29	9 57	2 21	22 19	3 16	1 46	2 5	1 15	1 7	20 54	1 3	21 48	1 17	21 44	0 29	13 51	0 11	18 29	3 33	16 40	16 50	11 41	13 26	1 3			
T 27	12 49	13 36	1 13	22 22	3 14	1 40	1 55	1 30	1 7	20 53	1 3	21 48	1 17	21 43	0 29	13 51	0 11	18 29	3 33	16 40	16 49	11 39	13 25	1 3			
F 28	13 9	16 38	0 1	22 22	3 11	1 33	1 46	1 45	1 7	20 52	1 3	21 49	1 17	21 43	0 29	13 51	0 11	18 29	3 33	16 40	16 48	11 37	13 24	1 3			
S 29	13 29	18 49	1s13	22 19	3 8	1 26	1 36	2 0	1 7	20 51	1 3	21 49	1 17	21 43	0 29	13 51	0 11	18 29	3 33	16 40	16 47	11 35	13 23	1 4			
S 30	13 48	19 56	2 24	22 13	3 2	1 17	1 27	2 15	1 7	20 50	1 3	21 50	1 17	21 43	0 29	13 51	0 11	18 29	3 33	16 40	16 46	11 33	13 22	1 4			
M31	14s 7	19n52	3s28	22s 4	2s55	1n 9	1s18	2s30	1n 7	20n50	1 s 3	21s50	1n16	21s42	0s29	13s51	0s11	18n29	3s33	16s40	16s45	11s32	13n21	1s 1			

## ASTRODIENST EPHEMERIS for the year 2664

NOVEMBER 2664

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 43 13	8♏59°20	11♏15	25°R51	24♏50	9♏32	9°R54	22♏7	24♏3	23°R21	18°R58	16♏22	16♏37	14♏30	8°R40	T 1
W 2	2 47 10	9°59°00	25°22	25♏23	25°35	10°10	9♏48	22°13	24°5	23°R21	18°58	16°23	16°34	14°37	8♏37	W 2
T 3	2 51 6	10°58°42	9♏33	24°45	26°22	10°47	9°42	22°19	24°6	23°21	18°57	16°R23	16°30	14°44	8°34	T 3
F 4	2 55 3	11°58°26	23°46	23°59	27°9	11°25	9°36	22°25	24°8	23°D21	18°57	16°23	16°27	14°51	8°32	F 4
S 5	2 58 59	12°58°13	7♏58	23°4	27°57	12°3	9°29	22°31	24°10	23°21	18°57	16°23	16°24	14°57	8°29	S 5
S 6	3 2 56	13°58°01	22°8	22°2	28°46	12°41	9°23	22°37	24°11	23°21	18°56	16°22	16°21	15°4	8°26	S 6
M 7	3 6 53	14°57°52	6♏11	20°53	29°36	13°19	9°16	22°43	24°13	23°21	18°56	16°22	16°18	15°11	8°23	M 7
T 8	3 10 49	15°57°45	20°5	19°39	0♏26	13°57	9°9	22°49	24°15	23°21	18°55	16°D22	16°15	15°17	8°21	T 8
W 9	3 14 46	16°57°40	3♏47	18°23	1°18	14°34	9°2	22°55	24°17	23°21	18°55	16°22	16°11	15°24	8°18	W 9
T 10	3 18 42	17°57°37	17°15	17°6	2°10	15°12	8°55	23°1	24°19	23°22	18°54	16°R22	16°8	15°31	8°15	T 10
F 11	3 22 39	18°57°36	0♏26	15°50	3°2	15°50	8°48	23°8	24°21	23°22	18°54	16°22	16°5	15°38	8°12	F 11
S 12	3 26 35	19°57°36	13°21	14°39	3°56	16°28	8°40	23°14	24°22	23°22	18°53	16°22	16°2	15°44	8°10	S 12
S 13	3 30 32	20°57°39	25°59	13°34	4°50	17°5	8°33	23°20	24°25	23°22	18°53	16°21	15°59	15°51	8°7	S 13
M14	3 34 28	21°57°43	8♏21	12°37	5°45	17°43	8°26	23°27	24°27	23°23	18°52	16°21	15°56	15°58	8°4	M14
T 15	3 38 25	22°57°49	20°31	11°50	6°40	18°21	8°18	23°33	24°29	23°23	18°52	16°20	15°52	16°5	8°1	T 15
W16	3 42 22	23°57°56	2♏31	11°14	7°36	18°59	8°10	23°40	24°31	23°23	18°51	16°19	15°49	16°11	7°59	W16
T 17	3 46 18	24°58°05	14°25	10°49	8°33	19°37	8°2	23°46	24°33	23°24	18°50	16°18	15°46	16°18	7°56	T 17
F 18	3 50 15	25°58°15	26°17	10°36	9°30	20°14	7°55	23°53	24°35	23°24	18°50	16°D18	15°43	16°25	7°53	F 18
S 19	3 54 11	26°58°27	8♏13	10°D34	10°28	20°52	7°47	23°59	24°37	23°25	18°49	16°19	15°40	16°31	7°51	S 19
S 20	3 58 8	27°58°40	20°17	10°44	11°26	21°30	7°39	24°6	24°40	23°25	18°48	16°19	15°36	16°38	7°48	S 20
M21	4 2 4	28°58°55	2♏34	11°4	12°24	22°7	7°31	24°12	24°42	23°26	18°48	16°20	15°33	16°45	7°46	M21
T 22	4 6 1	29°59°11	15°6	11°33	13°23	22°45	7°23	24°19	24°45	23°26	18°47	16°22	15°30	16°52	7°43	T 22
W23	4 9 57	0♏59°29	27°59	12°11	14°23	23°23	7°15	24°26	24°47	23°27	18°46	16°23	15°27	16°58	7°41	W23
T 24	4 13 54	1°59°48	11♏12	12°57	15°23	24°1	7°7	24°33	24°49	23°28	18°45	16°R23	15°24	17°5	7°38	T 24
F 25	4 17 50	3°0°09	24°46	13°50	16°24	24°38	6°58	24°39	24°52	23°28	18°45	16°23	15°21	17°12	7°36	F 25
S 26	4 21 47	4°0°32	8♏41	14°48	17°25	25°16	6°50	24°46	24°54	23°29	18°44	16°22	15°17	17°18	7°33	S 26
S 27	4 25 44	5°0°56	22°51	15°52	18°26	25°54	6°42	24°53	24°57	23°30	18°43	16°20	15°14	17°25	7°31	S 27
M28	4 29 40	6°1°21	7♏13	17°1	19°28	26°31	6°34	25°0	25°0	23°31	18°42	16°18	15°11	17°32	7°28	M28
T 29	4 33 37	7°1°49	21°41	18°14	20°30	27°9	6°26	25°7	25°2	23°32	18°41	16°15	15°8	17°39	7°26	T 29
W30	4 37 33	8♏2°18	6♏9	19♏30	21♏33	27♏47	6♏18	25♏14	25♏5	23°32	18°40	16♏12	15♏5	17°45	7♏24	W30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	14s26	18n34	4s20	21s51	2s47	0n59	1s9	2s45	1n6	20n49	1s3	21s51	1n16	21s42	0s29	13s51
W 2	14 45 16	8 4 56	21 35 2 37	0 49 1 0	3 0 1 6	20 48 1 3	21 51 1 16	21 42 0 29	13 51 0 11	18 29 3 34	16 41 16 44	11 28 13 19	1 4			
T 3	15 4 12	44 5 15	21 15 2 26	0 39 0 52	3 14 1 6	20 47 1 3	21 52 1 16	21 42 0 29	13 51 0 11	18 29 3 34	16 41 16 43	11 26 13 18	1 4			
F 4	15 22 8	36 5 14	20 50 2 12	0 28 0 44	3 29 1 6	20 46 1 3	21 52 1 16	21 41 0 29	13 51 0 11	18 29 3 34	16 41 16 42	11 24 13 17	1 4			
S 5	15 40 3	59 4 55	20 22 1 57	0 16 0 35	3 44 1 6	20 45 1 3	21 53 1 16	21 41 0 29	13 51 0 11	18 29 3 34	16 40 16 41	11 22 13 16	1 4			
S 6	15 58 0s50	4 18 19 50	1 41 0 4	0 27 3 59	1 6 20 44	1 3 21 53	1 16 21 41	0 29 13 51	0 11 18 30	3 34 16 40	16 40 11 20	13 15 1 4				
M 7	16 16 5 35	3 25 19 14	1 22 0s8	0 20 4 14	1 6 20 43	1 3 21 54	1 15 21 40	0 29 13 51	0 11 18 30	3 34 16 40	16 39 11 18	13 14 1 4				
T 8	16 33 10 0	2 21 18 36	1 3 0 22	0 12 4 28	1 5 20 42	1 3 21 54	1 15 21 40	0 29 13 51	0 11 18 30	3 34 16 40	16 38 11 16	13 13 1 4				
W 9	16 50 13 49	1 9 17 56	0 43 0 35	0 5 4 43	1 5 20 41	1 3 21 55	1 15 21 40	0 29 13 51	0 11 18 30	3 34 16 40	16 37 11 14	13 12 1 4				
T 10	17 7 16	51 0n5	17 14 0 22	0 49 0n2	4 58 1 5	20 40 1 3	21 55 1 15	21 39 0 29	13 51 0 11	18 30 3 34	16 40 16 36	11 12 13 11	1 4			
F 11	17 24 18	54 1 17	16 33 0 2	1 4 0 9	5 12 1 5	20 39 1 3	21 56 1 15	21 39 0 29	13 51 0 11	18 30 3 34	16 40 16 35	11 10 13 10	1 4			
S 12	17 40 19	56 2 24	15 53 0n18	1 19 0 16	5 27 1 5	20 38 1 3	21 56 1 15	21 39 0 29	13 51 0 11	18 30 3 34	16 40 16 35	11 8 13 9	1 5			
S 13	17 56 19	55 3 22	15 15 0 38	1 34 0 23	5 42 1 5	20 37 1 3	21 56 1 15	21 38 0 29	13 51 0 11	18 30 3 34	16 40 16 34	11 6 13 8	1 5			
M14	18 11 18	56 4 10	14 41 0 56	1 49 0 29	5 56 1 4	20 35 1 3	21 57 1 15	21 38 0 29	13 51 0 11	18 30 3 34	16 40 16 33	11 4 13 8	1 5			
T 15	18 27 17	5 4 45	14 11 1 13	2 6 0 36	6 11 1 4	20 34 1 3	21 57 1 14	21 37 0 29	13 51 0 11	18 30 3 34	16 40 16 32	11 2 13 7	1 5			
W16	18 42 14	32 5 8	13 45 1 28	2 22 0 42	6 25 1 4	20 33 1 3	21 58 1 14	21 37 0 29	13 51 0 11	18 30 3 34	16 39 16 31	11 1 13 6	1 5			
T 17	18 56 11	24 5 17	13 25 1 41	2 39 0 48	6 39 1 4	20 32 1 3	21 58 1 14	21 37 0 29	13 51 0 11	18 30 3 34	16 39 16 30	10 59 13 5	1 5			
F 18	19 11 7	49 5 12	13 11 1 52	2 56 0 53	6 54 1 4	20 31 1 3	21 59 1 14	21 36 0 29	13 50 0 11	18 30 3 34	16 39 16 29	10 57 13 4	1 5			
S 19	19 25 3	54 4 54	13 2 2 1	3 13 0 59	7 8 1 4	20 30 1 3	21 59 1 14	21 36 0 29	13 50 0 11	18 30 3 34	16 39 16 28	10 55 13 3	1 5			
S 20	19 38 0n12	4 23 12 57	2 8 3 31	1 4 7 22	1 3 20 28	1 3 21 59	1 14 21 35	0 29 13 50	0 11 18 30	3 34 16 39	16 27 10 53	13 2 1 5				
M21	19 51 4 22	3 39 12 58	2 14 3 49	1 10 7 36	1 3 20 27	1 3 22 0	1 14 21 35	0 29 13 50	0 11 18 30	3 34 16 40	16 26 10 51	13 1 1 5				
T 22	20 4 8	28 2 45	13 3 2 18	4 7 1 15	7 51 1 3	20 26 1 3	22 0 1 14	21 35 0 29	13 50 0 11	18 31 3 34	16 40 16 25	10 49 13 0	1 5			
W23	20 17 12	16 1 40	13 13 2 20	4 26 1 20	8 5 1 3	20 25 1 2	22 1 1 14	21 34 0 29	13 50 0 11	18 31 3 34	16 40 16 24	10 47 13 0	1 5			
T 24	20 29 15	35 0 29	13 25 2 21	4 44 1 24	8 19 1 3	20 24 1 2	22 1 1 13	21 34 0 29	13 49 0 11	18 31 3 34	16 41 16 24	10 45 12 59	1 5			
F 25	20 41 18	9 0s46	13 41 2 21	5 3 1 29	8 33 1 2	20 22 1 2	22 1 1 13	21 33 0 29	13 49 0 11	18 31 3 34	16 41 16 23	10 43 12 58	1 5			
S 26	20 52 19	42 2 0	13 59 2 20	5 23 1 33	8 47 1 2	20 21 1 2	22 2 1 13	21 33 0 29	13 49 0 11	18 31 3 34	16 40 16 22	10 41 12 57	1 5			
S 27	21 3 20	2 3 8	14 19 2 18	5 42 1 37	9 0 1 2	20 20 1 2	22 2 1 13	21 32 0 29	13 49 0 11	18 31 3 34	16 40 16 21	10 39 12 56	1 5			
M28	21 14 19	5 4 5	14 42 2 15	6 1 1 41	9 14 1 2	20 18 1 2	22 2 1 13	21 32 0 29	13 48 0 11	18 31 3 34	16 39 16 20	10 37 12 55	1 5			
T 29	21 24 16	54 4 46	15 5 2 12	6 21 1 45	9 28 1 1	20 17 1 2	22 3 1 13	21 31 0 29	13 48 0 11	18 31 3 34	16 38 16 19	10 35 12 55	1 5			
W30	21s34	13n40	5s10	15s30	2n7	6s41	1n49	9s42	1n1	20n16	1s2	22s3	1n13	21s31	0s29	13s48

Julian Day Number = 2694370.5, Delta T = 24m38s

Ecliptic obliquity = 23°21'04", Nutation = 0°00'11"

Ayanamsha: Fagan/Bradley = 34°02'26", Lahiri = 33°09'26"

## ASTRODIENST EPHEMERIS for the year 2664

DECEMBER 2664

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 41 30	9♂ 2'49	20♂33	20♂48	22♂36	28♂24	6°R 9	25♂21	25♂8	23♂33	18°R40	16°R10	15♂ 2	17♂52	7°R21	T 1
F 2	4 45 26	10° 3'22	4♂48	22°10	23°39	29° 2	6♂ 1	25°27	25°10	23°34	18♂39	16°D 9	14°58	17°59	7♂19	F 2
S 3	4 49 23	11° 3'56	18°53	23°33	24°42	29°40	5°53	25°34	25°13	23°35	18°38	16♂ 9	14°55	18° 6	7°17	S 3
S 4	4 53 20	12° 4'32	2♂45	24°58	25°46	0♂17	5°45	25°41	25°16	23°36	18°37	16°10	14°52	18°12	7°15	S 4
M 5	4 57 16	13° 5'10	16°25	26°25	26°51	0°55	5°37	25°48	25°19	23°37	18°36	16°12	14°49	18°19	7°13	M 5
T 6	5 1 13	14° 5'50	29°53	27°52	27°55	1°33	5°29	25°55	25°22	23°38	18°35	16°13	14°46	18°26	7°11	T 6
W 7	5 5 9	15° 6'31	13♂ 8	29°21	29° 0	2°10	5°21	26° 2	25°25	23°39	18°34	16°R14	14°42	18°32	7° 8	W 7
T 8	5 9 6	16° 7'13	26°11	0♂51	0♂ 5	2°48	5°13	26° 9	25°28	23°40	18°33	16°14	14°39	18°39	7° 6	T 8
F 9	5 13 2	17° 7'57	9♂ 2	2°21	1°11	3°26	5° 5	26°17	25°31	23°42	18°32	16°12	14°36	18°46	7° 4	F 9
S 10	5 16 59	18° 8'43	21°42	3°52	2°17	4° 3	4°57	26°24	25°34	23°43	18°31	16° 8	14°33	18°53	7° 3	S 10
S 11	5 20 55	19° 9'29	4♂ 9	5°23	3°23	4°41	4°50	26°31	25°37	23°44	18°30	16° 3	14°30	18°59	7° 1	S 11
M12	5 24 52	20°10'17	16°25	6°55	4°29	5°18	4°42	26°38	25°40	23°45	18°29	15°57	14°27	19° 6	6°59	M12
T 13	5 28 49	21°11'06	28°31	8°27	5°35	5°56	4°35	26°45	25°43	23°46	18°28	15°50	14°23	19°13	6°57	T 13
W14	5 32 45	22°11'55	10♂29	9°59	6°42	6°34	4°27	26°52	25°46	23°48	18°27	15°44	14°20	19°20	6°55	W14
T 15	5 36 42	23°12'46	22°22	11°31	7°49	7°11	4°20	26°59	25°49	23°49	18°26	15°38	14°17	19°26	6°53	T 15
F 16	5 40 38	24°13'37	4♂13	13° 4	8°56	7°49	4°12	27° 6	25°52	23°50	18°24	15°34	14°14	19°33	6°52	F 16
S 17	5 44 35	25°14'29	16° 6	14°37	10° 4	8°26	4° 5	27°13	25°55	23°52	18°23	15°32	14°11	19°40	6°50	S 17
S 18	5 48 31	26°15'22	28° 7	16°10	11°11	9° 4	3°58	27°20	25°59	23°53	18°22	15°D32	14° 8	19°46	6°48	S 18
M19	5 52 28	27°16'16	10♂19	17°42	12°19	9°41	3°51	27°28	26° 2	23°54	18°21	15°32	14° 4	19°53	6°47	M19
T 20	5 56 24	28°17'10	22°49	19°16	13°27	10°19	3°45	27°35	26° 5	23°56	18°20	15°34	14° 1	20° 0	6°45	T 20
W21	6 0 21	29°18'05	5♂40	20°49	14°35	10°56	3°38	27°42	26° 8	23°57	18°19	15°35	13°58	20° 7	6°44	W21
T 22	6 4 18	0♂19'01	18°57	22°22	15°43	11°34	3°31	27°49	26°12	23°59	18°18	15°R36	13°55	20°13	6°43	T 22
F 23	6 8 14	1°19'57	2♂40	23°55	16°52	12°11	3°25	27°56	26°15	24° 0	18°16	15°34	13°52	20°20	6°41	F 23
S 24	6 12 11	2°20'55	16°49	25°29	18° 1	12°49	3°19	28° 3	26°18	24° 2	18°15	15°31	13°48	20°27	6°40	S 24
S 25	6 16 7	3°21'52	1♂22	27° 2	19°10	13°26	3°13	28°10	26°22	24° 4	18°14	15°25	13°45	20°33	6°39	S 25
M26	6 20 4	4°22'51	16°11	28°36	20°19	14° 4	3° 7	28°17	26°25	24° 5	18°13	15°18	13°42	20°40	6°37	M26
T 27	6 24 0	5°23'50	1♂ 8	0♂ 9	21°28	14°41	3° 1	28°24	26°28	24° 7	18°12	15°10	13°39	20°47	6°36	T 27
W28	6 27 57	6°24'50	16° 4	1°43	22°37	15°18	2°55	28°31	26°32	24° 9	18°11	15° 2	13°36	20°54	6°35	W28
T 29	6 31 53	7°25'51	0♂51	3°17	23°47	15°56	2°50	28°39	26°35	24°10	18° 9	14°55	13°33	21° 0	6°34	T 29
F 30	6 35 50	8°26'53	15°21	4°51	24°57	16°33	2°45	28°46	26°39	24°12	18° 8	14°51	13°29	21° 7	6°33	F 30
S 31	6 39 47	9♂27'56	29♂32	6♂26	26♂ 7	17♂11	2♂39	28♂53	26♂42	24♂14	18♂ 7	14♂48	13♂26	21♂14	6♂32	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	21s44	9n38	5s14	15s55	2n 3	7s 1	1n53	9s55	1n 1	20n15	1s 2	22s 3	1n13	21s30	0s29	T 1
F 2	21 53	5 5	4 58	16 21	1 57	7 21	1 56	10 9	1 1	20 13	1 1	22 4	1 13	21 30	0 29	F 2
S 3	22 1	0 19	4 25	16 47	1 52	7 41	1 59	10 22	1 1	20 12	1 1	22 4	1 13	21 29	0 29	S 3
S 4	22 9	4s24	3 36	17 14	1 45	8 1	2 2	10 35	1 0	20 11	1 1	22 4	1 13	21 29	0 29	S 4
M 5	22 17	8 50	2 36	17 40	1 39	8 22	2 5	10 49	1 0	20 10	1 1	22 5	1 12	21 28	0 29	M 5
T 6	22 24	12 46	1 29	18 6	1 33	8 42	2 8	11 2	1 0	20 8	1 1	22 5	1 12	21 28	0 29	T 6
W 7	22 31	16 0	0 17	18 32	1 26	9 3	2 11	11 15	1 0	20 7	1 1	22 5	1 12	21 27	0 29	W 7
T 8	22 38	18 21	0n54	18 58	1 19	9 23	2 13	11 28	0 59	20 6	1 1	22 6	1 12	21 27	0 29	T 8
F 9	22 44	19 43	2 2	19 23	1 12	9 43	2 15	11 41	0 59	20 5	1 0	22 6	1 12	21 26	0 29	F 9
S 10	22 49	20 4	3 2	19 47	1 5	10 4	2 18	11 54	0 59	20 3	1 0	22 6	1 12	21 25	0 29	S 10
S 11	22 55	19 25	3 52	20 11	0 58	10 24	2 20	12 7	0 58	20 2	1 0	22 6	1 12	21 25	0 29	S 11
M12	22 59	17 52	4 31	20 33	0 50	10 45	2 21	12 20	0 58	20 1	1 0	22 7	1 12	21 24	0 29	M12
T 13	23 4	15 32	4 56	20 55	0 43	11 5	2 23	12 32	0 58	20 0	1 0	22 7	1 12	21 24	0 29	T 13
W14	23 7	12 35	5 9	21 17	0 36	11 25	2 25	12 45	0 58	19 59	0 59	22 7	1 12	21 23	0 29	W14
T 15	23 11	9 8	5 8	21 37	0 28	11 45	2 26	12 57	0 57	19 58	0 59	22 7	1 12	21 23	0 29	T 15
F 16	23 14	5 21	4 54	21 56	0 21	12 5	2 28	13 10	0 57	19 56	0 59	22 8	1 12	21 22	0 29	F 16
S 17	23 16	1 21	4 28	22 14	0 14	12 25	2 29	13 22	0 57	19 55	0 59	22 8	1 12	21 21	0 29	S 17
S 18	23 18	2n45	3 49	22 31	0 7	12 45	2 30	13 34	0 56	19 54	0 59	22 8	1 12	21 21	0 29	S 18
M19	23 19	6 49	2 59	22 47	0s 0	13 5	2 31	13 46	0 56	19 53	0 59	22 8	1 11	21 20	0 29	M19
T 20	23 20	10 42	2 0	23 2	0 7	13 24	2 31	13 59	0 56	19 52	0 58	22 8	1 11	21 20	0 29	T 20
W21	23 21	14 12	0 53	23 16	0 14	13 44	2 32	14 10	0 55	19 51	0 58	22 9	1 11	21 19	0 29	W21
T 22	23 21	17 6	0s18	23 29	0 21	14 3	2 33	14 22	0 55	19 50	0 58	22 9	1 11	21 18	0 29	T 22
F 23	23 21	19 8	1 31	23 40	0 28	14 22	2 33	14 34	0 55	19 49	0 58	22 9	1 11	21 18	0 29	F 23
S 24	23 20	20 3	2 40	23 51	0 34	14 41	2 33	14 46	0 54	19 48	0 57	22 9	1 11	21 17	0 29	S 24
S 25	23 18	19 40	3 41	24 0	0 41	14 59	2 33	14 57	0 54	19 47	0 57	22 9	1 11	21 16	0 29	S 25
M26	23 17	17 56	4 28	24 8	0 47	15 18	2 33	15 9	0 54	19 46	0 57	22 9	1 11	21 16	0 29	M26
T 27	23 14	15 0	4 57	24 14	0 53	15 36	2 33	15 20	0 53	19 45	0 57	22 9	1 11	21 15	0 29	T 27
W28	23 12	11 5	5 6	24 19	0 59	15 53	2 33	15 31	0 53	19 44	0 57	22 10	1 11	21 15	0 29	W28
T 29	23 9	6 32	4 55	24 23	1 5	16 11	2 33	15 42	0 53	19 44	0 56	22 10	1 11	21 14	0 29	T 29
F 30	23 5	1 41	4 24	24 26	1 10	16 28	2 32	15 53	0 52	19 43	0 56	22 10	1 11	21 13	0 29	F 30
S 31	23s 1	3s 9	3s38	24s27	1s16	16s45	2n32	16s 4	0n52	19n42	0s56	22s10	1n11	21s13	0s29	S 31

Julian Day Number = 2694400.5, Delta T = 24m39s

Ecliptic obliquity = 23°21'04, Nutation = 0°00'12

Ayanamsha: Fagan/Bradley = 34°02'30, Lahiri = 33°09'30

# ASTRODIENST EPHEMERIS for the year 2665

JANUARY 2665

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 43 43	10°28'59	13°22'	8°0	27°17	17°48	2°R34	29°0	26°345	24°15	18°R 6	14°D48	13°M23	21°21	6°R31	S 1
M 2	6 47 40	11°30'04	26°52	9°35	28°27	18°25	2°II30	29° 7	26°49	24°17	18°5	14°M48	13°20	21°27	6°B30	M 2
T 3	6 51 36	12°31'09	10°M 3	11°10	29°37	19° 3	2°25	29°14	26°52	24°19	18° 3	14°R49	13°17	21°34	6°30	T 3
W 4	6 55 33	13°32'14	22°59	12°45	0°47	19°40	2°21	29°21	26°56	24°21	18° 2	14°49	13°14	21°41	6°29	W 4
T 5	6 59 29	14°33'21	5°42	14°20	1°58	20°17	2°16	29°28	26°59	24°23	18° 1	14°47	13°10	21°47	6°28	T 5
F 6	7 3 26	15°34'28	18°13	15°56	3° 9	20°55	2°12	29°35	27° 3	24°24	18° 0	14°42	13° 7	21°54	6°28	F 6
S 7	7 7 22	16°35'35	0°35	17°32	4°19	21°32	2° 8	29°42	27° 6	24°26	17°58	14°34	13° 4	22° 1	6°27	S 7
S 8	7 11 19	17°36'43	12°49	19° 8	5°30	22° 9	2° 5	29°48	27°10	24°28	17°57	14°24	13° 1	22° 8	6°27	S 8
M 9	7 15 16	18°37'51	24°56	20°44	6°41	22°47	2° 1	29°55	27°14	24°30	17°56	14°11	12°58	22°14	6°26	M 9
T 10	7 19 12	19°39'00	6°56	22°21	7°52	23°24	1°58	0°3	27°17	24°32	17°55	13°58	12°54	22°21	6°26	T 10
W 11	7 23 9	20°40'08	18°51	23°58	9° 4	24° 1	1°55	0° 9	27°21	24°34	17°54	13°45	12°51	22°28	6°25	W 11
T 12	7 27 5	21°41'16	0°43	25°35	10°15	24°38	1°52	0°16	27°24	24°36	17°52	13°33	12°48	22°34	6°25	T 12
F 13	7 31 2	22°42'24	12°33	27°13	11°26	25°16	1°49	0°23	27°28	24°38	17°51	13°24	12°45	22°41	6°25	F 13
S 14	7 34 58	23°43'32	24°25	28°51	12°38	25°53	1°47	0°29	27°31	24°40	17°50	13°17	12°42	22°48	6°25	S 14
S 15	7 38 55	24°44'40	6°22	0°29	13°49	26°30	1°45	0°36	27°35	24°42	17°49	13°13	12°39	22°55	6°25	S 15
M 16	7 42 51	25°45'48	18°31	2° 8	15° 1	27° 7	1°43	0°43	27°39	24°44	17°47	13°11	12°35	23° 1	6°D25	M 16
T 17	7 46 48	26°46'55	0°34	3°47	16°12	27°44	1°41	0°49	27°42	24°46	17°46	13°D11	12°32	23° 8	6°25	T 17
W 18	7 50 45	27°48'02	13°39	5°26	17°24	28°21	1°39	0°56	27°46	24°48	17°45	13°R11	12°29	23°15	6°25	W 18
T 19	7 54 41	28°49'08	26°49	7° 5	18°36	28°58	1°38	1° 3	27°49	24°50	17°44	13°11	12°26	23°22	6°25	T 19
F 20	7 58 38	29°50'14	10°II28	8°45	19°48	29°35	1°36	1° 9	27°53	24°52	17°43	13° 8	12°23	23°28	6°25	F 20
S 21	8 2 34	0°51'20	24°37	10°25	21° 0	0°42	1°35	1°16	27°56	24°55	17°41	13° 3	12°20	23°35	6°25	S 21
S 22	8 6 31	1°52'25	9°215	12° 4	22°12	0°49	1°34	1°22	28° 0	24°57	17°40	12°55	12°16	23°42	6°26	S 22
M 23	8 10 27	2°53'30	24°16	13°44	23°24	1°26	1°34	1°29	28° 4	24°59	17°39	12°45	12°13	23°48	6°26	M 23
T 24	8 14 24	3°54'35	9°232	15°24	24°37	2° 3	1°33	1°35	28° 7	25° 1	17°38	12°33	12°10	23°55	6°26	T 24
W 25	8 18 21	4°55'39	24°50	17° 4	25°49	2°40	1°33	1°41	28°11	25° 3	17°37	12°22	12° 7	24° 2	6°27	W 25
T 26	8 22 17	5°56'43	9°M59	18°43	27° 1	3°17	1°D33	1°48	28°14	25° 5	17°35	12°12	12° 4	24° 9	6°27	T 26
F 27	8 26 14	6°57'46	24°50	20°22	28°14	3°54	1°33	1°54	28°18	25° 7	17°34	12° 4	12° 0	24°15	6°28	F 27
S 28	8 30 10	7°58'49	9°217	22° 0	29°26	4°31	1°34	2° 0	28°21	25°10	17°33	11°59	11°57	24°22	6°29	S 28
S 29	8 34 7	8°59'52	23°17	23°37	0°339	5° 8	1°34	2° 6	28°25	25°12	17°32	11°57	11°54	24°29	6°29	S 29
M 30	8 38 3	10° 0'55	6°M50	25°13	1°51	5°45	1°35	2°13	28°28	25°14	17°31	11°57	11°51	24°35	6°30	M 30
T 31	8 42 0	11°1'58	19°M59	26°48	3°3	6°421	1°II36	2°319	28°32	25°16	17°30	11°M57	11°M48	24°42	6°31	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	22s56	7s43	2s40	24s27	1s21	17s 1	2n31	16s15	0n52	19n41	0s56	22s10	1n11	21s12	0s29	S 1
M 2	22 51	11 47	1 35	24 26	1 26	17 18	2 30	16 26	0 51	19 41	0 55	22 10	1 11	21 11	0 29	M 2
T 3	22 46	15 11	0 26	24 23	1 31	17 33	2 30	16 36	0 51	19 40	0 55	22 10	1 11	21 11	0 29	T 3
W 4	22 40	17 45	0n44	24 19	1 35	17 49	2 29	16 47	0 50	19 39	0 55	22 10	1 11	21 10	0 29	W 4
T 5	22 34	19 23	1 49	24 14	1 40	18 4	2 28	16 57	0 50	19 39	0 55	22 10	1 11	21 9	0 29	T 5
F 6	22 27	20 2	2 48	24 7	1 44	18 19	2 26	17 7	0 50	19 38	0 54	22 10	1 11	21 9	0 29	F 6
S 7	22 19	19 42	3 39	23 59	1 47	18 33	2 25	17 17	0 49	19 38	0 54	22 10	1 11	21 8	0 29	S 7
S 8	22 12	18 27	4 18	23 49	1 51	18 47	2 24	17 27	0 49	19 37	0 54	22 10	1 11	21 7	0 29	S 8
M 9	22 4	16 23	4 45	23 38	1 54	19 0	2 22	17 37	0 48	19 37	0 54	22 10	1 11	21 6	0 29	M 9
T 10	21 55	13 38	5 0	23 26	1 57	19 13	2 21	17 47	0 48	19 36	0 53	22 11	1 11	21 6	0 29	T 10
W 11	21 46	10 21	5 1	23 12	2 0	19 26	2 19	17 56	0 48	19 36	0 53	22 11	1 11	21 5	0 29	W 11
T 12	21 37	6 40	4 49	22 57	2 2	19 38	2 17	18 6	0 47	19 36	0 53	22 11	1 10	21 4	0 29	T 12
F 13	21 27	2 45	4 24	22 40	2 4	19 50	2 16	18 15	0 47	19 36	0 53	22 11	1 10	21 4	0 29	F 13
S 14	21 17	1n17	3 48	22 22	2 6	20 1	2 14	18 24	0 46	19 35	0 52	22 11	1 10	21 3	0 29	S 14
S 15	21 6	5 19	3 2	22 2	2 7	20 12	2 12	18 33	0 46	19 35	0 52	22 11	1 10	21 2	0 29	S 15
M 16	20 55	9 11	2 7	21 41	2 8	20 22	2 10	18 42	0 45	19 35	0 52	22 11	1 10	21 2	0 29	M 16
T 17	20 43	12 45	1 5	21 19	2 8	20 31	2 8	18 51	0 45	19 35	0 51	22 10	1 10	21 1	0 29	T 17
W 18	20 31	15 50	0s 2	20 55	2 8	20 40	2 6	19 0	0 44	19 35	0 51	22 10	1 10	21 0	0 29	W 18
T 19	20 19	18 13	1 12	20 30	2 8	20 49	2 3	19 9	0 44	19 35	0 51	22 10	1 10	21 0	0 29	T 19
F 20	20 7	19 38	2 19	20 3	2 7	20 57	2 1	19 17	0 43	19 35	0 51	22 10	1 10	20 59	0 29	F 20
S 21	19 54	19 54	3 20	19 35	2 6	21 4	1 59	19 25	0 43	19 35	0 50	22 10	1 10	20 58	0 29	S 21
S 22	19 40	18 52	4 11	19 5	2 4	21 11	1 56	19 33	0 42	19 35	0 50	22 10	1 10	20 57	0 29	S 22
M 23	19 26	16 30	4 45	18 35	2 1	21 18	1 54	19 41	0 42	19 35	0 50	22 10	1 10	20 57	0 29	M 23
T 24	19 12	12 59	5 0	18 2	1 58	21 23	1 51	19 49	0 41	19 35	0 50	22 10	1 10	20 56	0 29	T 24
W 25	18 58	8 35	4 53	17 29	1 55	21 29	1 48	19 57	0 41	19 35	0 49	22 10	1 10	20 55	0 29	W 25
T 26	18 43	3 41	4 26	16 54	1 50	21 33	1 46	20 5	0 40	19 36	0 49	22 10	1 10	20 55	0 29	T 26
F 27	18 28	1s21	3 41	16 19	1 45	21 37	1 43	20 12	0 40	19 36	0 49	22 10	1 10	20 54	0 29	F 27
S 28	18 12	6 10	2 43	15 42	1 40	21 41	1 40	20 19	0 39	19 36	0 49	22 10	1 10	20 53	0 29	S 28
S 29	17 56	10 31	1 37	15 4	1 34	21 43	1 38	20 27	0 39	19 37	0 48	22 10	1 10	20 53	0 29	S 29
M 30	17 40	14 10	0 27	14 25	1 26	21 46	1 35	20 34	0 38	19 37	0 48	22 10	1 10	20 52	0 29	M 30
T 31	17s24	17s 0	0n42	13s46	1s19	21s47	1n32	20s41	0n37	19n38	0s48	22s10	1n10	20s51	0s29	T 31

Julian Day Number = 2694431.5, Delta T = 24m39s  
 Ecliptic obliquity = 23°21'03, Nutation = 0°00'12  
 Ayanamsha: Fagan/Bradley = 34°02'34, Lahiri = 33°09'34



## ASTRODIENST EPHEMERIS for the year 2665

MARCH 2665

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	10 36 20	10 <sup>h</sup> 25'36"	12 <sup>h</sup> 27'04"	29°R 2	8 <sup>h</sup> 28'28"	23 <sup>h</sup> 27'54"	3 <sup>h</sup> 11'31"	4 <sup>h</sup> 23'50"	0 <sup>h</sup> 22'17"	26 <sup>h</sup> 22'22"	17°R 3	8°R57	10 <sup>h</sup> 16'16"	27 <sup>h</sup> 22'57"	7 <sup>h</sup> 17'17"	W 1
T 2	10 40 16	11°26'07"	24°34'	28 <sup>h</sup> 28'14"	9°41'	24°29'	3°37'	4°54'	0°10'	26°24'	17°23'	8 <sup>h</sup> 16'56"	10°12'	28°4'	7°19'	T 2
F 3	10 44 13	12°26'36"	6 <sup>h</sup> 35'00"	27°32'	10°55'	25°5'	3°44'	4°58'	0°12'	26°26'	17°2'	8°53'	10°9'	28°10'	7°22'	F 3
S 4	10 48 10	13°27'04"	18°54'	26°58'	12°9'	25°41'	3°51'	5°2'	0°15'	26°29'	17°1'	8°48'	10°6'	28°17'	7°24'	S 4
S 5	10 52 6	14°27'30"	0 <sup>h</sup> 25'11"	26°32'	13°23'	26°16'	3°58'	5°6'	0°18'	26°31'	17°1'	8°40'	10°3'	28°24'	7°27'	S 5
M 6	10 56 3	15°27'55"	12°44'	26°13'	14°36'	26°52'	4°5'	5°10'	0°21'	26°33'	17°0'	8°30'	10°0'	28°31'	7°29'	M 6
T 7	10 59 59	16°28'19"	24°35'	26°1'	15°50'	27°27'	4°13'	5°13'	0°24'	26°35'	17°0'	8°20'	9°57'	28°37'	7°32'	T 7
W 8	11 3 56	17°28'41"	6 <sup>h</sup> 27'27"	25°D57'	17°4'	28°2'	4°20'	5°17'	0°26'	26°37'	16°59'	8°9'	9°53'	28°44'	7°34'	W 8
T 9	11 7 52	18°29'02"	18°20'	25°59'	18°18'	28°38'	4°28'	5°20'	0°29'	26°39'	16°59'	8°0'	9°50'	28°51'	7°37'	T 9
F 10	11 11 49	19°29'20"	0 <sup>h</sup> 17'17"	26°8'	19°31'	29°13'	4°36'	5°24'	0°32'	26°42'	16°58'	7°52'	9°47'	28°57'	7°39'	F 10
S 11	11 15 45	20°29'37"	12°19'	26°22'	20°45'	29°48'	4°44'	5°27'	0°34'	26°44'	16°58'	7°46'	9°44'	29°4'	7°42'	S 11
S 12	11 19 42	21°29'53"	24°28'	26°43'	21°59'	0 <sup>h</sup> 23'23"	4°52'	5°31'	0°37'	26°46'	16°57'	7°43'	9°41'	29°11'	7°45'	S 12
M13	11 23 39	22°30'06"	6 <sup>h</sup> 24'16"	27°8'	23°13'	0°58'	5°0'	5°34'	0°39'	26°48'	16°57'	7°D42'	9°37'	29°18'	7°48'	M13
T 14	11 27 35	23°30'17"	19°15'	27°38'	24°26'	1°33'	5°9'	5°37'	0°42'	26°50'	16°56'	7°42'	9°34'	29°24'	7°50'	T 14
W15	11 31 32	24°30'27"	2 <sup>h</sup> 11'00"	28°13'	25°40'	2°8'	5°17'	5°40'	0°44'	26°52'	16°56'	7°44'	9°31'	29°31'	7°53'	W15
T 16	11 35 28	25°30'34"	15°2'	28°53'	26°54'	2°43'	5°26'	5°43'	0°47'	26°54'	16°56'	7°45'	9°28'	29°38'	7°56'	T 16
F 17	11 39 25	26°30'40"	28°27'	29°36'	28°8'	3°18'	5°35'	5°46'	0°49'	26°56'	16°55'	7°R46'	9°25'	29°44'	7°59'	F 17
S 18	11 43 21	27°30'43"	12°25'15"	0 <sup>h</sup> 23'23"	29°22'	3°52'	5°44'	5°49'	0°52'	26°58'	16°55'	7°45'	9°22'	29°51'	8°2'	S 18
S 19	11 47 18	28°30'44"	26°28'	1°13'	0 <sup>h</sup> 23'23"	4°27'	5°53'	5°51'	0°54'	27°0'	16°55'	7°42'	9°18'	29°58'	8°5'	S 19
M20	11 51 14	29°30'43"	11°28'3"	2°7'	1°49'	5°1'	6°2'	5°54'	0°56'	27°2'	16°54'	7°38'	9°15'	0 <sup>h</sup> 23'23"	8°8'	M20
T 21	11 55 11	0 <sup>h</sup> 23'23"	25°57'	3°3'	3°3'	5°36'	6°11'	5°56'	0°58'	27°4'	16°54'	7°32'	9°12'	0°11'	8°11'	T 21
W22	11 59 8	1°30'35"	11°28'3"	4°3'	4°17'	6°10'	6°21'	5°59'	1°1'	27°6'	16°54'	7°27'	9°9'	0°18'	8°14'	W22
T 23	12 3 4	2°30'28"	26°10'	5°5'	5°31'	6°45'	6°30'	6°1'	1°3'	27°8'	16°54'	7°22'	9°6'	0°25'	8°17'	T 23
F 24	12 7 1	3°30'18"	11°28'9"	6°9'	6°45'	7°19'	6°40'	6°3'	1°5'	27°10'	16°54'	7°18'	9°3'	0°31'	8°20'	F 24
S 25	12 10 57	4°30'07"	25°52'	7°16'	7°59'	7°53'	6°50'	6°6'	1°7'	27°12'	16°53'	7°16'	8°59'	0°38'	8°23'	S 25
S 26	12 14 54	5°29'55"	10 <sup>h</sup> 11'11"	8°25'	9°13'	8°27'	7°0'	6°8'	1°9'	27°14'	16°53'	7°D16'	8°56'	0°45'	8°26'	S 26
M27	12 18 50	6°29'40"	24°4'	9°36'	10°26'	9°1'	7°10'	6°9'	1°11'	27°16'	16°53'	7°16'	8°53'	0°52'	8°30'	M27
T 28	12 22 47	7°29'24"	7 <sup>h</sup> 27'30"	10°49'	11°40'	9°35'	7°20'	6°11'	1°13'	27°18'	16°53'	7°18'	8°50'	0°58'	8°33'	T 28
W29	12 26 43	8°29'06"	20°30'	12°4'	12°54'	10°9'	7°30'	6°13'	1°15'	27°20'	16°53'	7°20'	8°47'	1°5'	8°36'	W29
T 30	12 30 40	9°28'46"	3 <sup>h</sup> 27'7"	13°21'	14°8'	10°43'	7°40'	6°15'	1°17'	27°21'	16°53'	7°21'	8°43'	1°12'	8°39'	T 30
F 31	12 34 36	10 <sup>h</sup> 28'25"	15 <sup>h</sup> 23'27"	14 <sup>h</sup> 24'40"	15 <sup>h</sup> 22'22"	11 <sup>h</sup> 23'16"	7 <sup>h</sup> 11'51"	6 <sup>h</sup> 23'16"	1 <sup>h</sup> 22'18"	27 <sup>h</sup> 22'23"	16°D53'	7°R21'	8 <sup>h</sup> 16'40"	1 <sup>h</sup> 23'18"	8 <sup>h</sup> 24'43"	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	7s38	19s23	2n47	8s39	3n19	18s 4	0n 1	22s56	0n16	20n 7	0s41	22s 5	1n11	20s32	0s29	12s52	0s12	18n50	3s28	14s26	14s51	7s32	12n50	1s 7					
T 2	7 15	19 36	3 39	9 5	3 9	17 48	0s 2	22 59	0 16	20 8	0 40	22 5	1 11	20 31	0 29	12 51	0 12	18 50	3 28	14 26	14 50	7 30	12 51	1 7					
F 3	6 52	18 52	4 19	9 29	2 59	17 31	0 5	23 1	0 15	20 10	0 40	22 4	1 11	20 31	0 30	12 50	0 12	18 50	3 28	14 25	14 49	7 28	12 52	1 7					
S 4	6 29	17 17	4 47	9 52	2 47	17 13	0 8	23 3	0 14	20 11	0 40	22 4	1 11	20 30	0 30	12 50	0 12	18 50	3 28	14 23	14 48	7 26	12 52	1 7					
S 5	6 6	14 58	5 2	10 12	2 34	16 56	0 11	23 5	0 13	20 13	0 40	22 4	1 11	20 30	0 30	12 49	0 12	18 50	3 28	14 20	14 47	7 24	12 53	1 7					
M 6	5 43	12 3	5 4	10 31	2 21	16 37	0 14	23 7	0 12	20 14	0 40	22 4	1 11	20 29	0 30	12 48	0 12	18 51	3 27	14 17	14 46	7 22	12 54	1 7					
T 7	5 19	8 40	4 53	10 47	2 8	16 18	0 17	23 9	0 11	20 16	0 39	22 4	1 11	20 28	0 30	12 48	0 12	18 51	3 27	14 14	14 45	7 20	12 55	1 7					
W 8	4 56	4 56	4 29	11 2	1 54	15 59	0 20	23 10	0 10	20 18	0 39	22 3	1 11	20 28	0 30	12 47	0 12	18 51	3 27	14 10	14 44	7 18	12 56	1 7					
T 9	4 32	1 0	3 54	11 14	1 41	15 39	0 23	23 12	0 9	20 19	0 39	22 3	1 11	20 27	0 30	12 46	0 12	18 51	3 27	14 7	14 43	7 16	12 56	1 7					
F 10	4 9	2n59	3 8	11 24	1 27	15 19	0 26	23 13	0 8	20 21	0 39	22 3	1 11	20 27	0 30	12 45	0 12	18 51	3 27	14 5	14 42	7 14	12 57	1 7					
S 11	3 45	6 53	2 13	11 31	1 14	14 58	0 28	23 14	0 7	20 22	0 38	22 3	1 11	20 26	0 30	12 45	0 12	18 52	3 27	14 3	14 41	7 12	12 58	1 7					
S 12	3 22	10 33	1 11	11 37	1 1	14 37	0 31	23 15	0 6	20 24	0 38	22 3	1 12	20 26	0 30	12 44	0 12	18 52	3 27	14 2	14 40	7 10	12 59	1 7					
M13	2 58	13 48	0 5	11 41	0 48	14 16	0 34	23 16	0 5	20 26	0 38	22 3	1 12	20 25	0 30	12 43	0 12	18 52	3 27	14 2	14 39	7 8	13 0	1 7					
T 14	2 34	16 29	1s 2	11 42	0 35	13 54	0 36	23 17	0 4	20 27	0 38	22 2	1 12	20 25	0 30	12 43	0 12	18 52	3 26	14 2	14 38	7 6	13 1	1 7					
W15	2 10	18 24	2 8	11 42	0 23	13 32	0 39	23 17	0 3	20 29	0 38	22 2	1 12	20 24	0 30	12 42	0 12	18 52	3 26	14 2	14 37	7 4	13 2	1 7					
T 16	1 47	19 24	3 9	11 39	0 11	13 9	0 42	23 18	0 2	20 31	0 37	22 2	1 12	20 24	0 30	12 41	0 12	18 52	3 26	14 3	14 36	7 2	13 2	1 7					
F 17	1 23	19 20	4 1	11 35	0s 1	12 46	0 44	23 18	0 1	20 33	0 37	22 2	1 12	20 23	0 30	12 40	0 12	18 53	3 26	14 3	14 35	7 0	13 3	1 7					
S 18	0 59	18 8	4 41	11 29	0 12	12 23	0 46	23 18	0s 0	20 34	0 37	22 2	1 12	20 23	0 30	12 40	0 12	18 53	3 26	14 2	14 34	6 58	13 4	1 7					
S 19	0 35	15 48	5 5	11 21	0 23	11 59	0 49	23 18	0 2	20 36	0 37	22 2	1 12	20 22	0 30	12 39	0 12	18 53	3 26	14 2	14 33	6 56	13 5	1 7					
M20	0 12	12 25	5 10	11 12	0 33	11 35	0 51	23 18	0 3	20 38	0 37	22 1	1 12	20 22	0 30	12 38	0 12	18 53	3 26	14 0	14 31	6 54	13 6	1 7					
T 21	0n12	8 11	4 55	11 1	0 43	11 11	0 53	23 18	0 4	20 40	0 36	22 1	1 12	20 21	0 30	12 38	0 12	18 53	3 25	13 58	14 30	6 52	13 7	1 8					
W22	0 36	3 24	4 19	10 48	0 52	10 46	0 56	23 18	0 5	20 42	0 36	22 1	1 12	20 21	0 30	12 37	0 12	18 53	3 25	13 57	14 29	6 50	13 8	1 8					
T 23	1 0	1s37	3 25	10 34	1 1	10 21	0 58	23 17	0 6	20 43	0 36	22 1	1 12	20 20	0 30	12 36	0 12	18 54	3 25	13 55	14 28	6 48	13 9	1 8					
F 24	1 23	6 31	2 18	10 18	1 10	9 56	1 0	23 17	0 8	20 45	0 36	22 1	1 12	20 20	0 30	12 36	0 12	18 54	3 25	13 54	14 27	6 46	13 10	1 8					
S 25	1 47	10 55	1 2	10 1	1 18	9 30	1 2	23 16	0 9	20 47	0 36	22 1	1 12	20 20	0 30	12 35	0 12	18 54	3 25	13 53	14 26	6 44	13 11	1 8					
S 26	2 11	14 34	0n16	9 43	1 26	9 5	1 4	23 15	0 10	20 49	0 35	22 0	1 12	20 19	0 30	12 35	0 12	18 54	3 25	13 53	14 25	6 42	13 12	1 8					
M27	2 34	17 15	1 31	9 23	1 33	8 38	1 6	23 14	0 11	20 51	0 35	22 0	1 12	20 19	0 30	12 34	0 12	18 54	3 25	13 53	14 24	6 39	13 13	1 8					
T 28	2 58	18 53	2 38	9 1	1 40	8 12	1 8	23 13	0 13	20 53	0 35	22 0	1 12	20 18	0 30	12 33	0 12	18 54	3 25	13 54	14 23	6 37	13 14	1 8					
W29	3 21	19 26	3 35	8 38	1 46	7 46	1 10	23 12	0 14	20 54	0 35	22 0	1 12	20 18	0 30	12 33	0 12	18 54	3 24	13 54	14 22	6 35	13 15	1 8					
T 30	3 45	18 59	4 20	8 14	1 52	7 19	1 11	23 10	0 15	20 56	0 35	22 0	1 12	20 18	0 30	12 32	0 12	18 55	3 24	13 55	14 21	6 33	13 16	1 8					
F 31	4n 8	17s38	4n51	7s49	1s57	6s52	1s13	23s 9	0s17	20n58	0s35	22s 0	1n13	20s17	0s30	12s31	0s12	18n55	3s24	13s55	14s20	6s31	13n17	1s 7					

## ASTRODIENST EPHEMERIS for the year 2665

APRIL 2665

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 38 33	11°28'02	27°32	16°00	16°36	11°50	8°11	6°18	1°20	27°25	16°53	7°R20	8°M37	1°K25	8°R46	S 1
S 2	12 42 30	12°27'37	9°29	17°22	17°50	12°23	8°12	6°19	1°22	27°27	16°53	7°M17	8°34	1°32	8°49	S 2
M 3	12 46 26	13°27'11	21°21	18°46	19° 4	12°56	8°23	6°20	1°23	27°28	16°53	7°14	8°31	1°39	8°53	M 3
T 4	12 50 23	14°26'43	3°11	20°11	20°18	13°30	8°34	6°21	1°25	27°30	16°53	7°10	8°28	1°45	8°56	T 4
W 5	12 54 19	15°26'12	15° 4	21°38	21°32	14° 3	8°45	6°22	1°27	27°32	16°53	7° 6	8°24	1°52	8°59	W 5
T 6	12 58 16	16°25'40	27° 1	23° 6	22°46	14°36	8°56	6°23	1°28	27°33	16°54	7° 3	8°21	1°59	9° 3	T 6
F 7	13 2 12	17°25'07	9°Y 6	24°36	23°59	15° 9	9° 7	6°24	1°30	27°35	16°54	7° 0	8°18	2° 5	9° 6	F 7
S 8	13 6 9	18°24'31	21°19	26° 7	25°13	15°41	9°18	6°25	1°31	27°37	16°54	6°58	8°15	2°12	9°10	S 8
S 9	13 10 5	19°23'53	3°B 42	27°40	26°27	16°14	9°29	6°26	1°32	27°38	16°54	6°D58	8°12	2°19	9°13	S 9
M10	13 14 2	20°23'13	16°16	29°14	27°41	16°47	9°41	6°26	1°34	27°40	16°54	6°58	8° 8	2°25	9°16	M10
T 11	13 17 59	21°22'31	29° 3	0°Y 49	28°55	17°19	9°52	6°27	1°35	27°41	16°55	6°59	8° 5	2°32	9°20	T 11
W12	13 21 55	22°21'47	12°II 2	2°26	0°Y 9	17°51	10° 4	6°27	1°36	27°43	16°55	7° 0	8° 2	2°39	9°24	W12
T 13	13 25 52	23°21'00	25°17	4° 4	1°23	18°23	10°16	6°27	1°37	27°44	16°55	7° 1	7°59	2°46	9°27	T 13
F 14	13 29 48	24°20'12	8°B 48	5°44	2°37	18°55	10°27	6°27	1°39	27°46	16°55	7° 2	7°56	2°52	9°31	F 14
S 15	13 33 45	25°19'21	22°35	7°25	3°51	19°27	10°39	6°R27	1°40	27°47	16°56	7°R 2	7°53	2°59	9°34	S 15
S 16	13 37 41	26°18'28	6°B 39	9° 8	5° 5	19°59	10°51	6°27	1°41	27°49	16°56	7° 2	7°49	3° 6	9°38	S 16
M17	13 41 38	27°17'32	20°58	10°52	6°18	20°31	11° 3	6°27	1°42	27°50	16°57	7° 2	7°46	3°12	9°41	M17
T 18	13 45 34	28°16'34	5°B 29	12°37	7°32	21° 2	11°15	6°27	1°43	27°51	16°57	7° 1	7°43	3°19	9°45	T 18
W19	13 49 31	29°15'34	20° 9	14°24	8°46	21°33	11°27	6°27	1°44	27°53	16°57	7° 0	7°40	3°26	9°48	W19
T 20	13 53 28	0°B 14'31	4°B 51	16°13	10° 0	22° 5	11°39	6°26	1°44	27°54	16°58	6°59	7°37	3°33	9°52	T 20
F 21	13 57 24	1°13'27	19°28	18° 3	11°14	22°36	11°52	6°25	1°45	27°55	16°58	6°59	7°34	3°39	9°56	F 21
S 22	14 1 21	2°12'20	3°M 55	19°54	12°28	23° 6	12° 4	6°25	1°46	27°57	16°59	6°D58	7°30	3°46	9°59	S 22
S 23	14 5 17	3°11'12	18° 5	21°47	13°42	23°37	12°16	6°24	1°47	27°58	16°59	6°58	7°27	3°53	10° 3	S 23
M24	14 9 14	4°10'01	1°B 55	23°42	14°55	24° 8	12°29	6°23	1°47	27°59	17° 0	6°59	7°24	3°59	10° 6	M24
T 25	14 13 10	5° 8'49	15°22	25°38	16° 9	24°38	12°41	6°22	1°48	28° 0	17° 0	6°59	7°21	4° 6	10°10	T 25
W26	14 17 7	6° 7'35	28°26	27°35	17°23	25° 8	12°54	6°21	1°48	28° 1	17° 1	6°59	7°18	4°13	10°14	W26
T 27	14 21 3	7° 6'20	11°B 8	29°34	18°37	25°38	13° 7	6°20	1°49	28° 2	17° 2	6°R59	7°14	4°20	10°17	T 27
F 28	14 25 0	8° 5'02	23°32	1°B 34	19°51	26° 8	13°19	6°19	1°49	28° 3	17° 2	6°59	7°11	4°26	10°21	F 28
S 29	14 28 57	9° 3'43	5°B 41	3°36	21° 5	26°38	13°32	6°18	1°50	28° 4	17° 3	6°D59	7° 8	4°33	10°25	S 29
S 30	14 32 53	10°B 2'23	17°B 40	5°B 39	22°Y 18	27°B 7	13°II 45	6°B 16	1°B 50	28°B 6	17°B 4	6°M 59	7°M 5	4°K 40	10°B 28	S 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	4n31	15s31	5n 9	7s23	2s 2	6s25	1s15	23s 7	0s18	21n 0	0s34	22s 0	1n13	20s17	0s30	12s31	0s12
S 2	4 54	12 46	5 14	6 55	2 7	5 58	1 16	23 6	0 19	21 2	0 34	22 0	1 13	20 17	0 30	12 30	0 12
M 3	5 17	9 31	5 4	6 26	2 11	5 30	1 18	23 4	0 21	21 4	0 34	21 59	1 13	20 16	0 30	12 30	0 12
T 4	5 40	5 54	4 42	5 56	2 14	5 3	1 19	23 2	0 22	21 6	0 34	21 59	1 13	20 16	0 30	12 29	0 12
W 5	6 3	2 3	4 8	5 25	2 17	4 35	1 20	23 0	0 24	21 7	0 34	21 59	1 13	20 16	0 30	12 29	0 12
T 6	6 26	1n55	3 23	4 52	2 20	4 7	1 22	22 58	0 25	21 9	0 34	21 59	1 13	20 15	0 30	12 28	0 12
F 7	6 49	5 51	2 28	4 19	2 22	3 39	1 23	22 56	0 27	21 11	0 33	21 59	1 13	20 15	0 31	12 27	0 12
S 8	7 11	9 36	1 25	3 45	2 24	3 11	1 24	22 54	0 28	21 13	0 33	21 59	1 13	20 15	0 31	12 27	0 12
S 9	7 34	12 59	0 18	3 9	2 25	2 42	1 25	22 52	0 30	21 15	0 33	21 59	1 13	20 14	0 31	12 26	0 12
M10	7 56	15 49	0s51	2 32	2 26	2 14	1 26	22 49	0 31	21 17	0 33	21 59	1 13	20 14	0 31	12 26	0 12
T 11	8 18	17 56	1 59	1 55	2 26	1 46	1 27	22 47	0 33	21 19	0 33	21 59	1 13	20 14	0 31	12 25	0 12
W12	8 40	19 9	3 2	1 16	2 26	1 17	1 28	22 44	0 34	21 20	0 33	21 59	1 13	20 14	0 31	12 25	0 12
T 13	9 2	19 20	3 57	0 37	2 26	0 49	1 29	22 41	0 36	21 22	0 32	21 59	1 13	20 13	0 31	12 24	0 12
F 14	9 24	18 25	4 39	0n 3	2 24	0 20	1 29	22 39	0 38	21 24	0 32	21 59	1 13	20 13	0 31	12 24	0 12
S 15	9 46	16 25	5 7	0 45	2 23	0n 9	1 30	22 36	0 39	21 26	0 32	21 58	1 13	20 13	0 31	12 23	0 12
S 16	10 7	13 26	5 17	1 27	2 21	0 37	1 31	22 33	0 41	21 28	0 32	21 58	1 13	20 13	0 31	12 23	0 12
M17	10 28	9 36	5 7	2 10	2 18	1 6	1 31	22 30	0 43	21 30	0 32	21 58	1 13	20 13	0 31	12 22	0 12
T 18	10 49	5 8	4 39	2 54	2 15	1 35	1 32	22 27	0 45	21 31	0 32	21 58	1 13	20 12	0 31	12 22	0 12
W19	11 10	0 20	3 51	3 38	2 11	2 3	1 32	22 24	0 46	21 33	0 31	21 58	1 13	20 12	0 31	12 22	0 12
T 20	11 31	4s30	2 49	4 24	2 7	2 32	1 32	22 21	0 48	21 35	0 31	21 58	1 14	20 12	0 31	12 21	0 12
F 21	11 51	9 4	1 36	5 10	2 3	3 0	1 32	22 17	0 50	21 37	0 31	21 58	1 14	20 12	0 31	12 21	0 12
S 22	12 12	13 3	0 17	5 56	1 58	3 29	1 33	22 14	0 52	21 38	0 31	21 58	1 14	20 12	0 31	12 20	0 12
S 23	12 32	16 10	1n 1	6 43	1 52	3 57	1 33	22 11	0 54	21 40	0 31	21 58	1 14	20 12	0 31	12 20	0 12
M24	12 52	18 17	2 14	7 31	1 46	4 26	1 33	22 7	0 56	21 42	0 31	21 58	1 14	20 12	0 31	12 20	0 12
T 25	13 11	19 17	3 17	8 19	1 39	4 54	1 33	22 4	0 58	21 44	0 31	21 58	1 14	20 12	0 31	12 19	0 12
W26	13 31	19 12	4 8	9 8	1 32	5 22	1 33	22 0	1 0	21 45	0 30	21 58	1 14	20 11	0 31	12 19	0 13
T 27	13 50	18 8	4 46	9 57	1 25	5 51	1 32	21 57	1 2	21 47	0 30	21 58	1 14	20 11	0 31	12 18	0 13
F 28	14 9	16 14	5 9	10 46	1 17	6 19	1 32	21 53	1 4	21 49	0 30	21 58	1 14	20 11	0 31	12 18	0 13
S 29	14 28	13 39	5 17	11 36	1 9	6 46	1 32	21 50	1 6	21 51	0 30	21 58	1 14	20 11	0 31	12 18	0 13
S 30	14n46	10s32	5n12	12n25	1s 0	7n14	1s32	21s46	1s 8	21n52	0s30	21s58	1n14	20s11	0s31	12s17	0s13

Julian Day Number = 2694521.5, Delta T = 24m40s

Ecliptic obliquity = 23°21'04, Nutation = 0°00'11

Ayanamsha: Fagan/Bradley = 34°02'47, Lahiri = 33°09'47

# ASTRODIENST EPHEMERIS for the year 2665

MAY 2665

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 36 50	11♈ 1'00	29♌32	7♋43	23♊32	27♉36	13♈58	6°R15	1♌50	28♌6	17♌4	6♌59	7♌2	4♌46	10♌32	M 1
T 2	14 40 46	11°59'36	11♈24	9°49	24°46	28°6	14°11	6♌13	1°50	28°7	17°5	7°0	6°59	4°53	10°36	T 2
W 3	14 44 43	12°58'11	23°18	11°55	26°0	28°34	14°24	6°11	1°51	28°8	17°6	7°0	6°55	5°0	10°39	W 3
T 4	14 48 39	13°56'43	5♊20	14°3	27°14	29°3	14°37	6°10	1°51	28°9	17°7	7°1	6°52	5°6	10°43	T 4
F 5	14 52 36	14°55'14	17°32	16°11	28°28	29°31	14°50	6°8	1°51	28°10	17°7	7°2	6°49	5°13	10°47	F 5
S 6	14 56 32	15°53'44	29°36	18°19	29°41	29°59	15°3	6°6	1°R51	28°11	17°8	7°2	6°46	5°20	10°50	S 6
S 7	15 0 29	16°52'11	12♈35	20°28	0♈55	0♌28	15°16	6°4	1°51	28°12	17°9	7°R 2	6°43	5°27	10°54	S 7
M 8	15 4 25	17°50'37	25°29	22°37	2°9	0°55	15°29	6°2	1°51	28°12	17°10	7°1	6°39	5°33	10°57	M 8
T 9	15 8 22	18°49'01	8♈38	24°45	3°23	1°23	15°43	5°59	1°51	28°13	17°11	7°0	6°36	5°40	11°1	T 9
W10	15 12 19	19°47'23	22°2	26°53	4°37	1°50	15°56	5°57	1°50	28°14	17°11	6°59	6°33	5°47	11°5	W10
T 11	15 16 15	20°45'43	5♌39	29°0	5°50	2°17	16°9	5°55	1°50	28°15	17°12	6°57	6°30	5°53	11°8	T 11
F 12	15 20 12	21°44'02	19°28	1♈6	7°4	2°44	16°23	5°52	1°50	28°15	17°13	6°55	6°27	6°0	11°12	F 12
S 13	15 24 8	22°42'18	3♌26	3°10	8°18	3°10	16°36	5°50	1°50	28°16	17°14	6°54	6°24	6°7	11°16	S 13
S 14	15 28 5	23°40'32	17°32	5°13	9°32	3°36	16°50	5°47	1°49	28°16	17°15	6°D53	6°20	6°14	11°19	S 14
M15	15 32 1	24°38'44	1♈44	7°13	10°45	4°2	17°3	5°44	1°49	28°17	17°16	6°53	6°17	6°20	11°23	M15
T 16	15 35 58	25°36'54	15°59	9°12	11°59	4°28	17°17	5°41	1°48	28°17	17°17	6°54	6°14	6°27	11°26	T 16
W17	15 39 54	26°35'02	0♌15	11°7	13°13	4°53	17°30	5°39	1°48	28°18	17°18	6°55	6°11	6°34	11°30	W17
T 18	15 43 51	27°33'08	14°30	13°0	14°27	5°18	17°44	5°36	1°47	28°18	17°19	6°57	6°8	6°40	11°33	T 18
F 19	15 47 48	28°31'13	28°39	14°50	15°40	5°43	17°57	5°33	1°47	28°19	17°20	6°58	6°5	6°47	11°37	F 19
S 20	15 51 44	29°29'15	12♌40	16°37	16°54	6°7	18°11	5°29	1°46	28°19	17°21	6°R58	6°1	6°54	11°40	S 20
S 21	15 55 41	0♈27'16	26°30	18°21	18°8	6°31	18°25	5°26	1°45	28°19	17°22	6°57	5°58	7°0	11°44	S 21
M22	15 59 37	1°25'16	10♌4	20°1	19°21	6°55	18°39	5°23	1°44	28°20	17°23	6°54	5°55	7°7	11°47	M22
T 23	16 3 34	2°23'14	23°21	21°38	20°35	7°18	18°52	5°20	1°44	28°20	17°24	6°51	5°52	7°14	11°51	T 23
W24	16 7 30	3°21'10	6♌20	23°12	21°49	7°41	19°6	5°16	1°43	28°20	17°26	6°47	5°49	7°21	11°54	W24
T 25	16 11 27	4°19'05	19°1	24°42	23°3	8°4	19°20	5°13	1°42	28°20	17°27	6°43	5°45	7°27	11°58	T 25
F 26	16 15 23	5°16'59	1♌25	26°8	24°16	8°26	19°34	5°9	1°41	28°21	17°28	6°39	5°42	7°34	12°1	F 26
S 27	16 19 20	6°14'52	13°35	27°30	25°30	8°48	19°47	5°6	1°40	28°21	17°29	6°36	5°39	7°41	12°5	S 27
S 28	16 23 17	7°12'43	25°34	28°49	26°44	9°10	20°1	5°2	1°39	28°21	17°30	6°33	5°36	7°47	12°8	S 28
M29	16 27 13	8°10'33	7♈28	0♌4	27°57	9°31	20°15	4°59	1°38	28°21	17°31	6°D33	5°33	7°54	12°11	M29
T 30	16 31 10	9°8'22	19°20	1°15	29°11	9°52	20°29	4°55	1°37	28°21	17°33	6°33	5°30	8°1	12°15	T 30
W31	16 35 6	10♈6'10	1°V15	2°23	0♈25	10♌12	20♈43	4°51	1♌35	28°R21	17°34	6♌35	5♌26	8♈7	12♈18	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	15n 5	7s 1	4n53	13n14	0s51	7n42	1s31	21s42	1s10	21n54	0s30	21s58	1n14	20s11	0s31	M 1
T 2	15 23	3 13	4 22	14 3	0 41	8 9	1 31	21 39	1 12	21 56	0 30	21 58	1 14	20 11	0 31	T 2
W 3	15 40	0n43	3 39	14 52	0 31	8 36	1 30	21 35	1 14	21 57	0 30	21 58	1 14	20 11	0 31	W 3
T 4	15 58	4 40	2 47	15 39	0 21	9 4	1 29	21 31	1 17	21 59	0 29	21 58	1 14	20 11	0 31	T 4
F 5	16 15	8 29	1 46	16 27	0 11	9 30	1 29	21 28	1 19	22 0	0 29	21 59	1 14	20 11	0 31	F 5
S 6	16 32	12 1	0 39	17 13	0 0	9 57	1 28	21 24	1 21	22 2	0 29	21 59	1 14	20 11	0 31	S 6
S 7	16 49	15 4	0s31	17 58	0n10	10 23	1 27	21 20	1 24	22 4	0 29	21 59	1 14	20 11	0 32	S 7
M 8	17 5	17 26	1 40	18 42	0 21	10 50	1 26	21 17	1 26	22 5	0 29	21 59	1 14	20 11	0 32	M 8
T 9	17 21	18 55	2 46	19 24	0 32	11 16	1 25	21 13	1 28	22 7	0 29	21 59	1 14	20 11	0 32	T 9
W10	17 37	19 23	3 44	20 4	0 42	11 41	1 24	21 9	1 31	22 8	0 29	21 59	1 14	20 11	0 32	W10
T 11	17 53	18 44	4 30	20 43	0 52	12 7	1 23	21 6	1 33	22 10	0 29	21 59	1 14	20 12	0 32	T 11
F 12	18 8	16 58	5 1	21 19	1 3	12 32	1 22	21 2	1 36	22 11	0 28	21 59	1 14	20 12	0 32	F 12
S 13	18 23	14 12	5 15	21 54	1 12	12 57	1 21	20 58	1 38	22 13	0 28	21 59	1 14	20 12	0 32	S 13
S 14	18 37	10 35	5 10	22 26	1 22	13 21	1 20	20 55	1 41	22 14	0 28	21 59	1 14	20 12	0 32	S 14
M15	18 52	6 21	4 47	22 55	1 30	13 45	1 18	20 51	1 44	22 16	0 28	21 59	1 14	20 12	0 32	M15
T 16	19 6	1 44	4 5	23 22	1 39	14 9	1 17	20 48	1 46	22 17	0 28	21 59	1 14	20 12	0 32	T 16
W17	19 19	2s59	3 9	23 47	1 46	14 33	1 15	20 44	1 49	22 18	0 28	22 0	1 14	20 12	0 32	W17
T 18	19 32	7 33	2 1	24 9	1 53	14 56	1 14	20 41	1 52	22 20	0 28	22 0	1 14	20 12	0 32	T 18
F 19	19 45	11 40	0 46	24 29	2 0	15 19	1 13	20 37	1 54	22 21	0 28	22 0	1 14	20 13	0 32	F 19
S 20	19 58	15 5	0n31	24 46	2 5	15 41	1 11	20 34	1 57	22 22	0 27	22 0	1 14	20 13	0 32	S 20
S 21	20 10	17 35	1 45	25 0	2 10	16 3	1 9	20 31	2 0	22 24	0 27	22 0	1 14	20 13	0 32	S 21
M22	20 22	19 2	2 52	25 12	2 14	16 25	1 8	20 28	2 3	22 25	0 27	22 0	1 14	20 13	0 32	M22
T 23	20 34	19 24	3 48	25 22	2 17	16 46	1 6	20 24	2 6	22 26	0 27	22 0	1 14	20 13	0 32	T 23
W24	20 45	18 42	4 30	25 30	2 20	17 7	1 4	20 21	2 9	22 27	0 27	22 0	1 14	20 14	0 32	W24
T 25	20 56	17 5	4 58	25 36	2 21	17 27	1 2	20 18	2 12	22 29	0 27	22 1	1 14	20 14	0 32	T 25
F 26	21 6	14 42	5 12	25 39	2 22	17 47	1 1	20 16	2 15	22 30	0 27	22 1	1 14	20 14	0 32	F 26
S 27	21 16	11 43	5 11	25 41	2 21	18 7	0 59	20 13	2 18	22 31	0 27	22 1	1 14	20 14	0 32	S 27
S 28	21 26	8 18	4 56	25 41	2 20	18 26	0 57	20 10	2 21	22 32	0 27	22 1	1 14	20 15	0 32	S 28
M29	21 35	4 34	4 29	25 39	2 18	18 44	0 55	20 7	2 24	22 33	0 26	22 1	1 14	20 15	0 32	M29
T 30	21 44	0 41	3 50	25 35	2 15	19 2	0 53	20 5	2 28	22 34	0 26	22 1	1 14	20 15	0 32	T 30
W31	21n53	3n16	3n 1	25n30	2n11	19n20	0s51	20s 3	2s31	22n35	0s26	22s 1	1n14	20s15	0s32	W31

Julian Day Number = 2694551.5, Delta T = 24m41s  
 Ecliptic obliquity = 23°21'03, Nutation = 0°00'10  
 Ayanamsha: Fagan/Bradley = 34°02'51, Lahiri = 33°09'51

# ASTRODIENST EPHEMERIS for the year 2665

JUNE 2665

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 39 3	11II 3'56	13Y18	3☾26	1II38	10≈32	20II57	4°R47	1°R34	28°R21	17☾35	6II36	5II23	8X14	12☾21	T 1
F 2	16 42 59	12° 1'42	25°35	4°25	2°52	10°52	21°11	4☾43	1≈33	28≈21	17°36	6°38	5°20	8°21	12°25	F 2
S 3	16 46 56	12°59'27	8☾ 7	5°20	4° 6	11°11	21°25	4°39	1°32	28°21	17°38	6°R38	5°17	8°28	12°28	S 3
S 4	16 50 52	13°57'10	20°59	6°12	5°20	11°29	21°39	4°35	1°30	28°21	17°39	6°37	5°14	8°34	12°31	S 4
M 5	16 54 49	14°54'52	4II11	6°58	6°33	11°47	21°53	4°31	1°29	28°21	17°40	6°35	5°11	8°41	12°34	M 5
T 6	16 58 46	15°52'34	17°43	7°41	7°47	12° 5	22° 7	4°27	1°28	28°20	17°41	6°30	5° 7	8°48	12°38	T 6
W 7	17 2 42	16°50'14	1☾33	8°19	9° 1	12°22	22°21	4°23	1°26	28°20	17°43	6°24	5° 4	8°54	12°41	W 7
T 8	17 6 39	17°47'52	15°38	8°53	10°14	12°39	22°35	4°19	1°25	28°20	17°44	6°18	5° 1	9° 1	12°44	T 8
F 9	17 10 35	18°45'30	29°52	9°22	11°28	12°55	22°49	4°15	1°23	28°20	17°45	6°12	4°58	9° 8	12°47	F 9
S 10	17 14 32	19°43'06	14☾11	9°46	12°42	13°11	23° 3	4°11	1°21	28°19	17°47	6° 6	4°55	9°14	12°50	S 10
S 11	17 18 28	20°40'41	28°31	10° 6	13°55	13°26	23°17	4° 7	1°20	28°19	17°48	6° 2	4°51	9°21	12°53	S 11
M12	17 22 25	21°38'14	12II47	10°22	15° 9	13°40	23°31	4° 2	1°18	28°19	17°49	6° 1	4°48	9°28	12°56	M12
T 13	17 26 22	22°35'46	26°58	10°33	16°23	13°54	23°45	3°58	1°17	28°18	17°51	6°D 0	4°45	9°35	12°59	T 13
W14	17 30 18	23°33'17	11☾ 5	10°39	17°36	14° 7	23°59	3°54	1°15	28°18	17°52	6° 1	4°42	9°41	13° 2	W14
T 15	17 34 15	24°30'46	24°54	10°R40	18°50	14°20	24°13	3°49	1°13	28°17	17°53	6° 2	4°39	9°48	13° 5	T 15
F 16	17 38 11	25°28'14	8II39	10°37	20° 4	14°32	24°27	3°45	1°11	28°17	17°55	6°R 3	4°36	9°55	13° 8	F 16
S 17	17 42 8	26°25'41	22°14	10°29	21°17	14°44	24°41	3°41	1° 9	28°16	17°56	6° 1	4°32	10° 1	13°11	S 17
S 18	17 46 4	27°23'07	5☾38	10°18	22°31	14°55	24°55	3°36	1° 8	28°16	17°58	5°58	4°29	10° 8	13°14	S 18
M19	17 50 1	28°20'32	18°51	10° 2	23°45	15° 6	25° 9	3°32	1° 6	28°15	17°59	5°52	4°26	10°15	13°17	M19
T 20	17 53 57	29°17'56	1☾51	9°43	24°58	15°15	25°23	3°27	1° 4	28°14	18° 1	5°45	4°23	10°21	13°19	T 20
W21	17 57 54	0☾15'20	14°37	9°20	26°12	15°25	25°37	3°23	1° 2	28°14	18° 2	5°35	4°20	10°28	13°22	W21
T 22	18 1 51	1°12'42	27° 9	8°54	27°26	15°33	25°51	3°18	1° 0	28°13	18° 3	5°26	4°17	10°35	13°25	T 22
F 23	18 5 47	2°10'04	9≈28	8°25	28°39	15°41	26° 4	3°14	0°58	28°12	18° 5	5°16	4°13	10°42	13°27	F 23
S 24	18 9 44	3° 7'26	21°35	7°54	29°53	15°48	26°18	3°10	0°56	28°12	18° 6	5° 8	4°10	10°48	13°30	S 24
S 25	18 13 40	4° 4'47	3X33	7°22	1☾ 7	15°55	26°32	3° 5	0°54	28°11	18° 8	5° 1	4° 7	10°55	13°33	S 25
M26	18 17 37	5° 2'07	15°25	6°48	2°21	16° 0	26°46	3° 1	0°52	28°10	18° 9	4°57	4° 4	11° 2	13°35	M26
T 27	18 21 33	5°59'27	27°16	6°14	3°34	16° 5	27° 0	2°56	0°50	28° 9	18°11	4°55	4° 1	11° 8	13°38	T 27
W28	18 25 30	6°56'46	9Y10	5°40	4°48	16°10	27°14	2°52	0°48	28° 8	18°12	4°D55	3°57	11°15	13°40	W28
T 29	18 29 26	7°54'06	21°13	5° 7	6° 2	16°13	27°28	2°47	0°45	28° 8	18°14	4°55	3°54	11°22	13°43	T 29
F 30	18 33 23	8☾51'25	3☾29	4☾35	7☾15	16≈16	27II42	2☾43	0≈43	28≈ 7	18☾15	4°R56	3II51	11X28	13☾45	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
T 1	22n 1	7n 8	2n 4	25n24	2n 6	19n37	0s49	20s 0	2s34	22n36	0s26	22s 2	1n14	20s16	0s32	T 1
F 2	22 9	10 47	1 0	25 16	2 0	19 53	0 47	19 58	2 38	22 37	0 26	22 2	1 14	20 16	0 32	F 2
S 3	22 16	14 2	0s 8	25 8	1 53	20 9	0 45	19 56	2 41	22 39	0 26	22 2	1 14	20 16	0 32	S 3
S 4	22 23	16 41	1 17	24 58	1 46	20 25	0 43	19 54	2 45	22 39	0 26	22 2	1 14	20 17	0 32	S 4
M 5	22 30	18 32	2 24	24 47	1 37	20 40	0 40	19 53	2 48	22 40	0 26	22 2	1 14	20 17	0 32	M 5
T 6	22 36	19 23	3 25	24 35	1 28	20 54	0 38	19 51	2 52	22 41	0 26	22 2	1 14	20 17	0 32	T 6
W 7	22 42	19 6	4 14	24 23	1 17	21 8	0 36	19 50	2 55	22 42	0 26	22 2	1 14	20 18	0 32	W 7
T 8	22 48	17 39	4 49	24 9	1 6	21 21	0 34	19 49	2 59	22 43	0 25	22 3	1 14	20 18	0 33	T 8
F 9	22 53	15 6	5 7	23 55	0 54	21 33	0 31	19 48	3 3	22 44	0 25	22 3	1 14	20 18	0 33	F 9
S 10	22 57	11 37	5 6	23 41	0 41	21 45	0 29	19 47	3 6	22 45	0 25	22 3	1 14	20 19	0 33	S 10
S 11	23 1	7 28	4 46	23 26	0 28	21 56	0 27	19 46	3 10	22 46	0 25	22 3	1 14	20 19	0 33	S 11
M12	23 5	2 55	4 8	23 10	0 13	22 7	0 25	19 45	3 14	22 46	0 25	22 3	1 14	20 20	0 33	M12
T 13	23 9	1s47	3 15	22 54	0s 2	22 17	0 22	19 45	3 18	22 47	0 25	22 4	1 14	20 20	0 33	T 13
W14	23 12	6 21	2 11	22 38	0 17	22 27	0 20	19 45	3 22	22 48	0 25	22 4	1 14	20 20	0 33	W14
T 15	23 14	10 32	1 0	22 22	0 33	22 35	0 18	19 45	3 26	22 49	0 25	22 4	1 14	20 21	0 33	T 15
F 16	23 16	14 7	0n14	22 6	0 50	22 44	0 15	19 45	3 30	22 49	0 25	22 4	1 14	20 21	0 33	F 16
S 17	23 18	16 52	1 26	21 50	1 7	22 51	0 13	19 45	3 34	22 50	0 25	22 4	1 14	20 22	0 33	S 17
S 18	23 19	18 40	2 32	21 33	1 24	22 58	0 10	19 46	3 38	22 51	0 25	22 5	1 14	20 22	0 33	S 18
M19	23 20	19 25	3 29	21 17	1 41	23 4	0 8	19 47	3 42	22 51	0 24	22 5	1 14	20 22	0 33	M19
T 20	23 21	19 6	4 14	21 2	1 59	23 10	0 6	19 48	3 46	22 52	0 24	22 5	1 13	20 23	0 33	T 20
W21	23 21	17 50	4 45	20 46	2 16	23 15	0 3	19 49	3 50	22 52	0 24	22 5	1 13	20 23	0 33	W21
T 22	23 21	15 43	5 2	20 31	2 32	23 19	0 1	19 51	3 54	22 53	0 24	22 5	1 13	20 24	0 33	T 22
F 23	23 20	12 55	5 4	20 17	2 49	23 22	0n 2	19 52	3 59	22 53	0 24	22 5	1 13	20 24	0 33	F 23
S 24	23 19	9 38	4 53	20 3	3 4	23 25	0 4	19 54	4 3	22 54	0 24	22 6	1 13	20 25	0 33	S 24
S 25	23 17	6 0	4 28	19 50	3 19	23 27	0 6	19 56	4 7	22 54	0 24	22 6	1 13	20 25	0 33	S 25
M26	23 15	2 9	3 53	19 38	3 33	23 28	0 9	19 59	4 11	22 55	0 24	22 6	1 13	20 26	0 33	M26
T 27	23 13	1n47	3 7	19 26	3 46	23 29	0 11	20 1	4 16	22 55	0 24	22 6	1 13	20 26	0 33	T 27
W28	23 10	5 40	2 13	19 16	3 58	23 29	0 13	20 4	4 20	22 56	0 24	22 6	1 13	20 27	0 33	W28
T 29	23 7	9 22	1 13	19 7	4 8	23 29	0 16	20 7	4 24	22 56	0 24	22 7	1 13	20 27	0 33	T 29
F 30	23n 3	12n45	0n 8	18n59	4s17	23n27	0n18	20s10	4s29	22n56	0s24	22s 7	1n13	20s28	0s33	F 30

Julian Day Number = 2694582.5, Delta T = 24m41s  
 Ecliptic obliquity = 23°21'02, Nutation = 0°00'09  
 Ayanamsha: Fagan/Bradley = 34°02'55, Lahiri = 33°09'55

## ASTRODIENST EPHEMERIS for the year 2665

JULY 2665

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 37 20	9 <sup>54</sup> 48'44"	16 <sup>58</sup> 5	4°R 5	8 <sup>52</sup> 29	16 <sup>58</sup> 18	27 <sup>11</sup> 56	2°R39	0°R41	28°R 6	18 <sup>51</sup> 17	4°R55	3 <sup>11</sup> 48	11 <sup>51</sup> 35	13 <sup>58</sup> 48	S 1
S 2	18 41 16	10°46'02"	29° 3	3 <sup>53</sup> 36	9°43	16°20	28° 9	2 <sup>53</sup> 34	0 <sup>53</sup> 39	28 <sup>58</sup> 5	18°18	4 <sup>11</sup> 53	3°45	11°42	13°50	S 2
M 3	18 45 13	11°43'21"	12 <sup>11</sup> 26	3°11	10°57	16°R20	28°23	2°30	0°37	28° 4	18°20	4°48	3°42	11°48	13°52	M 3
T 4	18 49 9	12°40'39"	26°15	2°49	12°10	16°20	28°37	2°25	0°34	28° 3	18°21	4°41	3°38	11°55	13°54	T 4
W 5	18 53 6	13°37'57"	10 <sup>52</sup> 26	2°30	13°24	16°19	28°51	2°21	0°32	28° 2	18°23	4°31	3°35	12° 2	13°57	W 5
T 6	18 57 2	14°35'14"	24°56	2°16	14°38	16°18	29° 4	2°17	0°30	28° 1	18°24	4°21	3°32	12° 9	13°59	T 6
F 7	19 0 59	15°32'31"	9 <sup>52</sup> 37	2° 5	15°52	16°15	29°18	2°13	0°27	28° 0	18°26	4°11	3°29	12°15	14° 1	F 7
S 8	19 4 55	16°29'48"	24°21	1°59	17° 5	16°12	29°32	2° 8	0°25	27°59	18°27	4° 2	3°26	12°22	14° 3	S 8
S 9	19 8 52	17°27'04"	9 <sup>11</sup> 2	1°D58	18°19	16° 8	29°45	2° 4	0°23	27°57	18°29	3°55	3°23	12°29	14° 5	S 9
M10	19 12 49	18°24'19"	23°32	2° 1	19°33	16° 3	29°59	2° 0	0°20	27°56	18°30	3°51	3°19	12°35	14° 7	M10
T 11	19 16 45	19°21'35"	7 <sup>12</sup> 48	2° 9	20°47	15°58	0 <sup>52</sup> 12	1°56	0°18	27°55	18°32	3°49	3°16	12°42	14° 9	T 11
W12	19 20 42	20°18'49"	21°48	2°22	22° 0	15°51	0°26	1°52	0°16	27°54	18°33	3°D48	3°13	12°49	14°11	W12
T 13	19 24 38	21°16'03"	5 <sup>11</sup> 33	2°39	23°14	15°45	0°40	1°48	0°13	27°53	18°35	3°R49	3°10	12°55	14°13	T 13
F 14	19 28 35	22°13'17"	19° 2	3° 2	24°28	15°37	0°53	1°44	0°11	27°51	18°36	3°48	3° 7	13° 2	14°15	F 14
S 15	19 32 31	23°10'31"	2 <sup>51</sup> 18	3°30	25°42	15°29	1° 6	1°40	0° 9	27°50	18°37	3°45	3° 3	13° 9	14°16	S 15
S 16	19 36 28	24° 7'44"	15°21	4° 3	26°55	15°20	1°20	1°36	0° 6	27°49	18°39	3°40	3° 0	13°15	14°18	S 16
M17	19 40 24	25° 4'57"	28°13	4°40	28° 9	15°10	1°33	1°32	0° 4	27°48	18°40	3°32	2°57	13°22	14°20	M17
T 18	19 44 21	26° 2'10"	10 <sup>53</sup> 54	5°23	29°23	15° 0	1°46	1°28	0° 1	27°46	18°42	3°22	2°54	13°29	14°21	T 18
W19	19 48 18	26°59'23"	23°24	6°10	0 <sup>52</sup> 37	14°49	2° 0	1°24	29 <sup>53</sup> 59	27°45	18°43	3° 9	2°51	13°36	14°23	W19
T 20	19 52 14	27°56'36"	5 <sup>54</sup> 44	7° 2	1°51	14°37	2°13	1°20	29°57	27°44	18°45	2°56	2°48	13°42	14°25	T 20
F 21	19 56 11	28°53'49"	17°54	7°58	3° 4	14°25	2°26	1°17	29°54	27°42	18°46	2°43	2°44	13°49	14°26	F 21
S 22	20 0 7	29°51'02"	29°55	9° 0	4°18	14°13	2°39	1°13	29°52	27°41	18°48	2°31	2°41	13°56	14°28	S 22
S 23	20 4 4	0 <sup>52</sup> 48'16"	11 <sup>51</sup> 49	10° 5	5°32	13°59	2°52	1° 9	29°49	27°40	18°49	2°22	2°38	14° 2	14°29	S 23
M24	20 8 0	1°45'30"	23°39	11°16	6°46	13°46	3° 5	1° 6	29°47	27°38	18°51	2°15	2°35	14° 9	14°30	M24
T 25	20 11 57	2°42'44"	5 <sup>51</sup> 28	12°31	8° 0	13°32	3°18	1° 3	29°44	27°37	18°52	2°11	2°32	14°16	14°32	T 25
W26	20 15 53	3°39'59"	17°20	13°50	9°14	13°17	3°31	0°59	29°42	27°35	18°54	2° 9	2°29	14°22	14°33	W26
T 27	20 19 50	4°37'15"	29°22	15°13	10°27	13° 2	3°44	0°56	29°40	27°34	18°55	2° 9	2°25	14°29	14°34	T 27
F 28	20 23 47	5°34'31"	11 <sup>53</sup> 37	16°41	11°41	12°47	3°57	0°53	29°37	27°32	18°57	2° 9	2°22	14°36	14°35	F 28
S 29	20 27 43	6°31'48"	24°11	18°13	12°55	12°31	4°10	0°49	29°35	27°31	18°58	2° 8	2°19	14°42	14°36	S 29
S 30	20 31 40	7°29'05"	7 <sup>11</sup> 9	19°48	14° 9	12°15	4°23	0°46	29°32	27°29	19° 0	2° 5	2°16	14°49	14°37	S 30
M31	20 35 36	8 <sup>52</sup> 26'23"	20 <sup>11</sup> 34	21°28	15°23	11°55	4°35	0°34	29°30	27°28	19° 1	2° 1	2°11	14°56	14°38	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	22n59	15n39	0s59	18n52	4s25	23n25	0n20	20s14	4s33	22n57	0s24	22s 7	1n13	20s28	0s33	12s18	0s14	18n54	3s14	13s 7	12s44	3s25	14n43	1s15			
S 2	22 55	17 50	2 5	18 47	4 31	23 22	0 23	20 18	4 38	22 57	0 23	22 7	1 12	20 29	0 33	12 19	0 14	18 54	3 14	13 6	12 43	3 23	14 44	1 16			
M 3	22 50	19 8	3 6	18 43	4 36	23 19	0 25	20 22	4 42	22 57	0 23	22 7	1 12	20 29	0 33	12 19	0 14	18 54	3 14	13 4	12 42	3 21	14 44	1 16			
T 4	22 45	19 20	3 58	18 40	4 39	23 15	0 27	20 26	4 46	22 57	0 23	22 7	1 12	20 30	0 33	12 19	0 14	18 54	3 14	13 2	12 41	3 19	14 45	1 16			
W 5	22 39	18 21	4 36	18 38	4 41	23 10	0 29	20 30	4 51	22 58	0 23	22 8	1 12	20 30	0 33	12 20	0 14	18 54	3 14	12 59	12 40	3 17	14 45	1 16			
T 6	22 33	16 10	4 58	18 38	4 42	23 5	0 32	20 35	4 55	22 58	0 23	22 8	1 12	20 31	0 33	12 20	0 14	18 54	3 14	12 55	12 39	3 15	14 46	1 16			
F 7	22 27	12 56	5 1	18 39	4 41	22 58	0 34	20 40	5 0	22 58	0 23	22 8	1 12	20 31	0 33	12 21	0 14	18 53	3 14	12 52	12 38	3 13	14 46	1 16			
S 8	22 20	8 53	4 44	18 42	4 38	22 52	0 36	20 45	5 4	22 58	0 23	22 8	1 12	20 32	0 33	12 21	0 14	18 53	3 14	12 49	12 37	3 11	14 47	1 16			
S 9	22 13	4 19	4 8	18 45	4 35	22 44	0 38	20 50	5 8	22 58	0 23	22 8	1 12	20 32	0 33	12 21	0 14	18 53	3 13	12 47	12 36	3 9	14 47	1 17			
M10	22 5	0s27	3 16	18 50	4 30	22 36	0 40	20 56	5 12	22 58	0 23	22 9	1 12	20 33	0 33	12 22	0 14	18 53	3 13	12 45	12 35	3 7	14 48	1 17			
T 11	21 58	5 7	2 13	18 56	4 24	22 27	0 42	21 2	5 17	22 58	0 23	22 9	1 12	20 33	0 33	12 22	0 14	18 53	3 13	12 45	12 33	3 5	14 48	1 17			
W12	21 49	9 27	1 3	19 3	4 17	22 18	0 45	21 7	5 21	22 58	0 23	22 9	1 11	20 34	0 33	12 23	0 14	18 53	3 13	12 44	12 32	3 3	14 49	1 17			
T 13	21 41	13 11	0n 9	19 10	4 9	22 7	0 47	21 13	5 25	22 58	0 23	22 9	1 11	20 34	0 33	12 23	0 14	18 53	3 13	12 44	12 31	3 1	14 49	1 17			
F 14	21 32	16 8	1 20	19 18	4 1	21 57	0 49	21 20	5 29	22 58	0 23	22 9	1 11	20 35	0 33	12 23	0 14	18 52	3 13	12 44	12 30	2 59	14 50	1 17			
S 15	21 22	18 11	2 25	19 27	3 51	21 45	0 50	21 26	5 33	22 58	0 22	22 9	1 11	20 35	0 33	12 24	0 14	18 52	3 13	12 43	12 29	2 57	14 50	1 17			
S 16	21 12	19 13	3 21	19 37	3 41	21 33	0 52	21 32	5 37	22 58	0 22	22 10	1 11	20 36	0 33	12 24	0 14	18 52	3 13	12 42	12 28	2 55	14 50	1 17			
M17	21 2	19 15	4 6	19 47	3 30	21 20	0 54	21 39	5 41	22 58	0 22	22 10	1 11	20 36	0 33	12 25	0 14	18 52	3 13	12 39	12 27	2 53	14 51	1 18			
T 18	20 52	18 17	4 38	19 56	3 18	21 7	0 56	21 46	5 44	22 58	0 22	22 10	1 11	20 37	0 33	12 25	0 14	18 52	3 13	12 35	12 26	2 51	14 51	1 18			
W19	20 41	16 28	4 56	20 7	3 6	20 53	0 58	21 52	5 48	22 58	0 22	22 10	1 11	20 37	0 33	12 26	0 14	18 52	3 13	12 31	12 25	2 49	14 51	1 18			
T 20	20 30	13 55	5 0	20 16	2 54	20 39	1 0	21 59	5 52	22 58	0 22	22 10	1 10	20 38	0 33	12 26	0 14	18 52	3 13	12 27	12 24	2 47	14 52	1 18			
F 21	20 18	10 48	4 50	20 26	2 41	20 24	1 1	22 6	5 55	22 58	0 22	22 10	1 10	20 38	0 33	12 27	0 14	18 51	3 13	12 22	12 23	2 45	14 52	1 18			
S 22	20 6	7 17	4 27	20 36	2 28	20 8	1 3	22 13	5 59	22 57	0 22	22 11	1 10	20 39	0 33	12 27	0 14	18 51	3 13	12 18	12 22	2 43	14 52	1 18			
S 23	19 54	3 31	3 53	20 44	2 14	19 52	1 5	22 20	6 2	22 57	0 22	22 11	1 10	20 39	0 33	12 28	0 14	18 51	3 13	12 15	12 21	2 41	14 52	1 18			
M24	19 42	0n22	3 9	20 52	2 1	19 35	1 6	22 27	6 5	22 57	0 22	22 11	1 10	20 40	0 33	12 28	0 14	18 51	3 13	12 13	12 19	2 39	14 53	1 19			
T 25	19 29	4 15	2 16	21 0	1 47	19 18	1 8	22 34	6 8	22 57	0 22	22 11	1 10	20 40	0 33	12 29	0 14	18 51	3 13	12 11	12 18	2 37	14 53	1 19			
W26	19 16	7 59	1 18	21 6	1 33	19 0	1 9	22 41	6 11	22 57	0 22	22 11	1 10	20 41	0 33	12 29	0 14	18 51	3 13	12 11	12 17	2 35	14 53	1 19			
T 27	19 4	12 16	0 15	21 11	1 19	18 41	1 11	22 48	6 14	22 56	0 22	22 11	1 9	20 41	0 33	12 30	0 14	18 50	3 13	12 10	12 16	2 33	14 53	1 19			
F 28	18 48	14 28	0s50	21 14	1 5	18 22	1 12	22 55	6 16	22 56	0 22	22 12	1 9	20 42	0 33	12 30	0 14	18 50	3 13	12 10	12 15	2 31	14 54	1 19			
S 29	18 34	16 54	1 54	21 16	0 52	18 3	1 13	23 2	6 18	22 56	0 22	22 12	1 9	20 42	0 33	12 31	0 14	18 50	3 13	12 10	12 14	2 29	14 54	1 19			
S 30	18 20	18 34	2 54	21 16	0 38	17 43	1 15	23 9	6 21	22 55	0 21	22 12	1 9	20 43	0 33	12 31	0 14	18 50	3 13	12 9	12 13	2 27	14 54	1 19			
M31	18n 5	19n15	3s47	21n14	0s25	17n22	1n16	23s15	6s23	22n55	0s21	22s12	1n 9	20s43	0s33	12s32	0s14	18n50	3s13	12s 8	12s12	2s25	14n54	1s22			

## ASTRODIENST EPHEMERIS for the year 2665

AUGUST 2665

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 39 33	9♂23'42	4♂28	23♂11	16♂37	11°R42	4♂48	0°R40	29°R28	27°R26	19♂2	1°R53	2♂9	15♂3	14♂39	T 1
W 2	20 43 29	10°21'02	18°50	24°58	17°51	11°26	5°1	0°37	29°25	27°25	19°4	1°44	2°6	15°9	14°40	W 2
T 3	20 47 26	11°18'22	3♂35	26°48	19°4	11°9	5°13	0°34	29°23	27°23	19°5	1°33	2°3	15°16	14°41	T 3
F 4	20 51 22	12°15'43	18°35	28°41	20°18	10°52	5°26	0°32	29°21	27°22	19°7	1°22	2°0	15°23	14°42	F 4
S 5	20 55 19	13°13'04	3♂40	0♂36	21°32	10°35	5°38	0°29	29°18	27°20	19°8	1°13	1°57	15°29	14°42	S 5
S 6	20 59 16	14°10'26	18°41	2°34	22°46	10°18	5°50	0°26	29°16	27°19	19°9	1°5	1°54	15°36	14°43	S 6
M 7	21 3 12	15°7'48	3♂30	4°34	24°0	10°2	6°3	0°24	29°14	27°17	19°11	1°1	1°50	15°43	14°44	M 7
T 8	21 7 9	16°5'11	17°59	6°36	25°14	9°45	6°15	0°21	29°11	27°15	19°12	0°58	1°47	15°49	14°44	T 8
W 9	21 11 5	17°2'34	2♂7	8°40	26°28	9°29	6°27	0°19	29°9	27°14	19°13	0°D58	1°44	15°56	14°45	W 9
T 10	21 15 2	17°59'57	15°53	10°44	27°42	9°13	6°39	0°17	29°7	27°12	19°15	0°R58	1°41	16°3	14°45	T 10
F 11	21 18 58	18°57'21	29°18	12°49	28°56	8°57	6°51	0°15	29°5	27°11	19°16	0°58	1°38	16°9	14°46	F 11
S 12	21 22 55	19°54'46	12♂24	14°55	0♂10	8°42	7°3	0°13	29°2	27°9	19°17	0°56	1°35	16°16	14°46	S 12
S 13	21 26 51	20°52'11	25°14	17°0	1°23	8°26	7°15	0°10	29°0	27°7	19°19	0°51	1°31	16°23	14°46	S 13
M14	21 30 48	21°49'37	7♂51	19°6	2°37	8°12	7°27	0°9	28°58	27°6	19°20	0°44	1°28	16°29	14°46	M14
T 15	21 34 45	22°47'03	20°16	21°11	3°51	7°58	7°38	0°7	28°56	27°4	19°21	0°35	1°25	16°36	14°47	T 15
W16	21 38 41	23°44'30	2♂32	23°15	5°5	7°44	7°50	0°5	28°54	27°2	19°23	0°24	1°22	16°43	14°47	W16
T 17	21 42 38	24°41'58	14°40	25°19	6°19	7°30	8°1	0°3	28°52	27°1	19°24	0°12	1°19	16°49	14°47	T 17
F 18	21 46 34	25°39'27	26°41	27°22	7°33	7°18	8°13	0°2	28°50	26°59	19°25	0°0	1°15	16°56	14°R47	F 18
S 19	21 50 31	26°36'57	8♂35	29°24	8°47	7°6	8°24	0°0	28°48	26°58	19°26	29♂50	1°12	17°3	14°47	S 19
S 20	21 54 27	27°34'28	20°26	1♂24	10°1	6°54	8°36	29♂59	28°45	26°56	19°28	29°41	1°9	17°10	14°47	S 20
M21	21 58 24	28°32'00	2°V15	3°24	11°15	6°43	8°47	29°58	28°43	26°54	19°29	29°35	1°6	17°16	14°47	M21
T 22	22 2 20	29°29'33	14°4	5°22	12°29	6°33	8°58	29°56	28°42	26°53	19°30	29°32	1°3	17°23	14°46	T 22
W23	22 6 17	0♂27'08	25°57	7°18	13°42	6°23	9°9	29°55	28°40	26°51	19°31	29°D30	1°0	17°30	14°46	W23
T 24	22 10 14	1°24'44	7♂59	9°14	14°56	6°14	9°20	29°54	28°38	26°49	19°32	29°31	0°56	17°36	14°46	T 24
F 25	22 14 10	2°22'21	20°13	11°7	16°10	6°6	9°31	29°53	28°36	26°48	19°34	29°32	0°53	17°43	14°45	F 25
S 26	22 18 7	3°20'00	2♂45	13°0	17°24	5°59	9°42	29°52	28°34	26°46	19°35	29°R32	0°50	17°50	14°45	S 26
S 27	22 22 3	4°17'40	15°40	14°51	18°38	5°52	9°52	29°52	28°32	26°44	19°36	29°31	0°47	17°56	14°45	S 27
M28	22 26 0	5°15'22	29°1	16°40	19°52	5°46	10°3	29°51	28°30	26°43	19°37	29°29	0°44	18°3	14°44	M28
T 29	22 29 56	6°13'06	12♂51	18°28	21°6	5°41	10°13	29°51	28°29	26°41	19°38	29°24	0°40	18°10	14°43	T 29
W30	22 33 53	7°10'51	27°11	20°15	22°20	5°36	10°24	29°50	28°27	26°40	19°39	29°18	0°37	18°16	14°43	W30
T 31	22 37 49	8♂8'37	11♂56	22♂0	23♂34	5♂33	10♂34	29♂50	28♂25	26♂38	19♂40	29♂11	0♂34	18♂23	14♂42	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	17n50	18n49	4s28	21n10	0s12	17n 1	1n17	23s22	6s25	22n55	0s21	22s12	1n 9	20s44	0s33	T 1
W 2	17 35	17 11	4 54	21 4	0n 0	16 40	1 18	23 28	6 26	22 54	0 21	22 12	1 8	20 44	0 33	W 2
T 3	17 19	14 24	5 1	20 55	0 12	16 18	1 19	23 35	6 28	22 54	0 21	22 13	1 8	20 45	0 33	T 3
F 4	17 13	10 38	4 48	20 44	0 23	15 56	1 20	23 41	6 29	22 53	0 21	22 13	1 8	20 45	0 33	F 4
S 5	16 47	6 10	4 15	20 30	0 34	15 33	1 21	23 46	6 31	22 53	0 21	22 13	1 8	20 46	0 33	S 5
S 6	16 31	1 20	3 24	20 14	0 44	15 10	1 22	23 52	6 32	22 52	0 21	22 13	1 8	20 46	0 33	S 6
M 7	16 14	3s32	2 20	19 55	0 54	14 46	1 23	23 57	6 32	22 52	0 21	22 13	1 8	20 47	0 33	M 7
T 8	15 57	8 5	1 8	19 34	1 3	14 22	1 23	24 3	6 33	22 51	0 21	22 13	1 8	20 47	0 33	T 8
W 9	15 40	12 4	0n 6	19 10	1 11	13 58	1 24	24 8	6 33	22 51	0 21	22 14	1 7	20 48	0 33	W 9
T 10	15 23	15 17	1 18	18 43	1 18	13 33	1 25	24 12	6 34	22 50	0 21	22 14	1 7	20 48	0 33	T 10
F 11	15 5	17 34	2 24	18 15	1 24	13 8	1 25	24 17	6 34	22 50	0 21	22 14	1 7	20 49	0 33	F 11
S 12	14 47	18 52	3 21	17 44	1 29	12 43	1 26	24 21	6 34	22 49	0 21	22 14	1 7	20 49	0 33	S 12
S 13	14 29	19 9	4 7	17 11	1 34	12 17	1 26	24 24	6 33	22 49	0 21	22 14	1 7	20 50	0 33	S 13
M14	14 11	18 29	4 39	16 36	1 38	11 51	1 27	24 28	6 33	22 48	0 21	22 14	1 7	20 50	0 33	M14
T 15	13 52	16 55	4 58	15 59	1 41	11 24	1 27	24 31	6 32	22 47	0 20	22 15	1 6	20 50	0 33	T 15
W16	13 33	14 37	5 2	15 20	1 43	10 58	1 27	24 34	6 31	22 47	0 20	22 15	1 6	20 51	0 33	W16
T 17	13 14	11 42	4 53	14 41	1 45	10 31	1 27	24 36	6 30	22 46	0 20	22 15	1 6	20 51	0 33	T 17
F 18	12 55	8 20	4 31	13 59	1 45	10 3	1 27	24 39	6 29	22 46	0 20	22 15	1 6	20 52	0 33	F 18
S 19	12 36	4 39	3 57	13 17	1 45	9 36	1 27	24 41	6 28	22 45	0 20	22 15	1 6	20 52	0 33	S 19
S 20	12 16	0 49	3 13	12 34	1 45	9 8	1 27	24 42	6 26	22 44	0 20	22 16	1 6	20 53	0 33	S 20
M21	11 56	3n 2	2 20	11 50	1 43	8 40	1 27	24 43	6 25	22 44	0 20	22 16	1 5	20 53	0 33	M21
T 22	11 36	6 47	1 22	11 5	1 41	8 12	1 27	24 44	6 23	22 43	0 20	22 16	1 5	20 53	0 33	T 22
W23	11 16	10 17	0 19	10 20	1 39	7 43	1 27	24 45	6 21	22 42	0 20	22 16	1 5	20 54	0 33	W23
T 24	10 56	13 24	0s45	9 34	1 36	7 14	1 26	24 45	6 19	22 41	0 20	22 16	1 5	20 54	0 33	T 24
F 25	10 35	15 59	1 49	8 48	1 33	6 46	1 26	24 45	6 17	22 41	0 20	22 16	1 5	20 54	0 33	F 25
S 26	10 15	17 52	2 49	8 1	1 29	6 16	1 26	24 45	6 14	22 40	0 20	22 17	1 4	20 55	0 33	S 26
S 27	9 54	18 54	3 42	7 15	1 24	5 47	1 25	24 44	6 12	22 39	0 20	22 17	1 4	20 55	0 33	S 27
M28	9 33	18 56	4 25	6 28	1 19	5 18	1 25	24 43	6 10	22 39	0 20	22 17	1 4	20 56	0 33	M28
T 29	9 12	17 51	4 54	5 41	1 14	4 48	1 24	24 42	6 7	22 38	0 20	22 17	1 4	20 56	0 33	T 29
W30	8 51	15 38	5 7	4 54	1 9	4 18	1 23	24 41	6 4	22 37	0 20	22 17	1 4	20 56	0 33	W30
T 31	8n29	12n21	5s 0	4n 7	1n 3	3n49	1n22	24s39	6s 1	22n36	0s20	22s17	1n 4	20s57	0s33	T 31

Julian Day Number = 2694643.5, Delta T = 24m42s

Ecliptic obliquity = 23°21'02, Nutation = 0°00'11

Ayanamsha: Fagan/Bradley = 34°03'03, Lahiri = 33°10'03

## ASTRODIENST EPHEMERIS for the year 2665

SEPTEMBER 2665

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 41 46	9 <sup>h</sup> 6'25	27 <sup>h</sup> 0	23 <sup>h</sup> 44	24 <sup>h</sup> 48	5°R30	10 <sup>h</sup> 44	29°R49	28°R23	26°R36	19 <sup>h</sup> 41	29°R 3	0 <sup>h</sup> 31	18 <sup>h</sup> 30	14°R41	F 1
S 2	22 45 43	10° 4'14	12 <sup>h</sup> 14	25°26	26° 2	5 <sup>h</sup> 28	10°54	29 <sup>h</sup> 49	28 <sup>h</sup> 22	26 <sup>h</sup> 35	19°42	28 <sup>h</sup> 56	0°28	18°36	14 <sup>h</sup> 41	S 2
S 3	22 49 39	11° 2'05	27°28	27° 7	27°16	5°27	11° 4	29°D49	28°20	26°33	19°43	28°51	0°25	18°43	14°40	S 3
M 4	22 53 36	11°59'57	12 <sup>h</sup> 31	28°47	28°29	5°D27	11°14	29°49	28°19	26°32	19°44	28°48	0°21	18°50	14°39	M 4
T 5	22 57 32	12°57'50	27°15	0 <sup>h</sup> 25	29°43	5°28	11°24	29°49	28°17	26°30	19°45	28°D47	0°18	18°56	14°38	T 5
W 6	23 1 29	13°55'45	11 <sup>h</sup> 36	2° 2	0 <sup>h</sup> 57	5°29	11°33	29°50	28°16	26°29	19°46	28°47	0°15	19° 3	14°37	W 6
T 7	23 5 25	14°53'40	25°30	3°38	2°11	5°31	11°43	29°50	28°14	26°27	19°47	28°49	0°12	19°10	14°36	T 7
F 8	23 9 22	15°51'37	9 <sup>h</sup> 0	5°12	3°25	5°34	11°52	29°50	28°13	26°26	19°48	28°50	0° 9	19°16	14°35	F 8
S 9	23 13 18	16°49'36	22° 6	6°45	4°39	5°38	12° 1	29°51	28°12	26°24	19°49	28°R50	0° 6	19°23	14°34	S 9
S 10	23 17 15	17°47'35	4 <sup>h</sup> 51	8°17	5°53	5°43	12°11	29°52	28°10	26°23	19°50	28°48	0° 2	19°30	14°32	S 10
M11	23 21 11	18°45'36	17°21	9°47	7° 7	5°49	12°20	29°52	28° 9	26°21	19°51	28°45	29 <sup>h</sup> 59	19°36	14°31	M11
T 12	23 25 8	19°43'38	29°37	11°16	8°21	5°55	12°29	29°53	28° 8	26°20	19°52	28°40	29°56	19°43	14°30	T 12
W13	23 29 5	20°41'41	11 <sup>h</sup> 43	12°44	9°34	6° 2	12°37	29°54	28° 7	26°18	19°53	28°34	29°53	19°50	14°29	W13
T 14	23 33 1	21°39'46	23°42	14°10	10°48	6°10	12°46	29°55	28° 6	26°17	19°53	28°27	29°50	19°57	14°27	T 14
F 15	23 36 58	22°37'53	5 <sup>h</sup> 36	15°35	12° 2	6°19	12°55	29°56	28° 4	26°15	19°54	28°21	29°46	20° 3	14°26	F 15
S 16	23 40 54	23°36'01	17°27	16°58	13°16	6°29	13° 3	29°57	28° 3	26°14	19°55	28°15	29°43	20°10	14°24	S 16
S 17	23 44 51	24°34'10	29°16	18°21	14°30	6°39	13°11	29°59	28° 2	26°12	19°56	28°10	29°40	20°17	14°23	S 17
M18	23 48 47	25°32'21	11 <sup>h</sup> 0	19°41	15°44	6°50	13°20	0 <sup>h</sup> 3	28° 2	26°11	19°56	28° 7	29°37	20°23	14°21	M18
T 19	23 52 44	26°30'35	23° 0	21° 1	16°57	7° 2	13°28	0° 2	28° 1	26°10	19°57	28°D 6	29°34	20°30	14°19	T 19
W20	23 56 40	27°28'50	4 <sup>h</sup> 59	22°18	18°11	7°14	13°35	0° 3	28° 0	26° 8	19°58	28° 6	29°31	20°37	14°18	W20
T 21	0 0 37	28°27'06	17° 6	23°35	19°25	7°27	13°43	0° 5	27°59	26° 7	19°59	28° 7	29°27	20°43	14°16	T 21
F 22	0 4 34	29°25'25	29°25	24°49	20°39	7°41	13°51	0° 7	27°58	26° 6	19°59	28° 9	29°24	20°50	14°14	F 22
S 23	0 8 30	0 <sup>h</sup> 23'46	12 <sup>h</sup> 0	26° 2	21°52	7°56	13°58	0° 9	27°57	26° 4	20° 0	28°10	29°21	20°57	14°13	S 23
S 24	0 12 27	1°22'09	24°53	27°13	23° 6	8°11	14° 6	0°10	27°57	26° 3	20° 0	28°11	29°18	21° 3	14°11	S 24
M25	0 16 23	2°20'35	8 <sup>h</sup> 10	28°22	24°20	8°27	14°13	0°13	27°56	26° 2	20° 1	28°R11	29°15	21°10	14° 9	M25
T 26	0 20 20	3°19'02	21°52	29°29	25°34	8°43	14°20	0°15	27°56	26° 1	20° 2	28°10	29°12	21°17	14° 7	T 26
W27	0 24 16	4°17'31	6 <sup>h</sup> 0	0 <sup>h</sup> 34	26°48	9° 0	14°27	0°17	27°55	26° 0	20° 2	28° 8	29° 8	21°23	14° 5	W27
T 28	0 28 13	5°16'03	20°33	1°37	28° 1	9°18	14°33	0°19	27°55	25°58	20° 3	28° 5	29° 5	21°30	14° 3	T 28
F 29	0 32 9	6°14'36	5 <sup>h</sup> 26	2°37	29°15	9°36	14°40	0°22	27°54	25°57	20° 3	28° 2	29° 2	21°37	14° 1	F 29
S 30	0 36 6	7 <sup>h</sup> 13'12	20 <sup>h</sup> 32	3 <sup>h</sup> 35	0 <sup>h</sup> 29	9 <sup>h</sup> 55	14 <sup>h</sup> 46	0 <sup>h</sup> 24	27 <sup>h</sup> 54	25 <sup>h</sup> 56	20 <sup>h</sup> 4	28 <sup>h</sup> 0	28 <sup>h</sup> 59	21 <sup>h</sup> 43	13 <sup>h</sup> 59	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	8n 8	8n12	4s32	3n21	0n57	3n19	1n22	24s37	5s58	22n36	0s20	22s18	1n 3	20s57	0s33	12s50	0s14	18n45	3s12	11s 6	11s37	1s21	14n51	1s24							
S 2	7 46	3 29	3 44	2 35	0 50	2 49	1 21	24 34	5 55	22 35	0 19	22 18	1 3	20 57	0 33	12 50	0 15	18 44	3 12	11 3	11 36	1 19	14 50	1 24							
S 3	7 24	1s28	2 41	1 48	0 43	2 18	1 20	24 32	5 52	22 34	0 19	22 18	1 3	20 58	0 33	12 51	0 15	18 44	3 12	11 2	11 34	1 17	14 50	1 25							
M 4	7 2	6 16	1 27	1 3	0 36	1 48	1 19	24 29	5 49	22 33	0 19	22 18	1 3	20 58	0 33	12 51	0 15	18 44	3 12	11 0	11 33	1 15	14 49	1 25							
T 5	6 40	10 35	0 8	0 17	0 29	1 18	1 18	24 25	5 46	22 33	0 19	22 18	1 3	20 58	0 33	12 52	0 15	18 44	3 12	11 0	11 32	1 13	14 49	1 25							
W 6	6 18	14 10	1n 9	0s28	0 22	0 48	1 16	24 22	5 43	22 32	0 19	22 18	1 3	20 58	0 33	12 52	0 15	18 44	3 12	11 0	11 31	1 11	14 49	1 25							
T 7	5 56	16 48	2 20	1 13	0 14	0 17	1 15	24 18	5 39	22 31	0 19	22 19	1 2	20 59	0 33	12 53	0 15	18 44	3 12	11 1	11 30	1 9	14 48	1 25							
F 8	5 33	18 25	3 21	1 57	0 7	0s13	1 14	24 14	5 36	22 30	0 19	22 19	1 2	20 59	0 33	12 53	0 15	18 44	3 12	11 1	11 29	1 8	14 48	1 25							
S 9	5 11	18 58	4 9	2 41	0s 1	0 44	1 13	24 10	5 33	22 30	0 19	22 19	1 2	20 59	0 33	12 54	0 15	18 43	3 12	11 1	11 28	1 6	14 47	1 25							
S 10	4 48	18 32	4 44	3 25	0 9	1 14	1 11	24 5	5 29	22 29	0 19	22 19	1 2	20 59	0 33	12 54	0 15	18 43	3 12	11 1	11 27	1 4	14 47	1 26							
M11	4 26	17 12	5 4	4 7	0 17	1 45	1 10	24 0	5 26	22 28	0 19	22 19	1 2	21 0	0 33	12 55	0 15	18 43	3 12	10 59	11 26	1 2	14 46	1 26							
T 12	4 3	15 6	5 10	4 50	0 25	2 15	1 8	23 55	5 22	22 27	0 19	22 20	1 2	21 0	0 33	12 55	0 15	18 43	3 12	10 58	11 24	1 0	14 46	1 26							
W13	3 40	12 22	5 2	5 31	0 34	2 45	1 7	23 50	5 18	22 26	0 19	22 20	1 1	21 0	0 33	12 56	0 15	18 43	3 12	10 56	11 23	0 58	14 45	1 26							
T 14	3 18	9 9	4 41	6 13	0 42	3 16	1 5	23 44	5 15	22 26	0 19	22 20	1 1	21 0	0 33	12 56	0 15	18 43	3 12	10 53	11 22	0 56	14 45	1 26							
F 15	2 55	5 35	4 8	6 53	0 50	3 46	1 3	23 39	5 11	22 25	0 19	22 20	1 1	21 1	0 33	12 57	0 15	18 43	3 12	10 51	11 21	0 54	14 44	1 26							
S 16	2 32	1 49	3 24	7 33	0 59	4 16	1 1	23 33	5 8	22 24	0 19	22 20	1 1	21 1	0 33	12 57	0 15	18 43	3 12	10 49	11 20	0 52	14 43	1 26							
S 17	2 9	2n 1	2 31	8 12	1 7	4 47	1 0	23 27	5 4	22 23	0 19	22 20	1 1	21 1	0 33	12 58	0 15	18 42	3 12	10 47	11 19	0 50	14 43	1 27							
M18	1 46	5 47	1 32	8 50	1 15	5 17	0 58	23 20	5 0	22 23	0 19	22 21	1 0	21 1	0 33	12 58	0 15	18 42	3 12	10 46	11 18	0 48	14 42	1 27							
T 19	1 23	9 21	0 28	9 28	1 24	5 47	0 56	23 14	4 57	22 22	0 19	22 21	1 0	21 1	0 33	12 59	0 15	18 42	3 12	10 46	11 17	0 46	14 42	1 27							
W20	1 0	12 33	0s38	10 5	1 32	6 16	0 54	23 7	4 53	22 21	0 19	22 21	1 0	21 1	0 33	12 59	0 15	18 42	3 12	10 46	11 16	0 44	14 41	1 27							
T 21	0 37	15 14	1 43	10 41	1 41	6 46	0 52	23 0	4 49	22 20	0 18	22 21	1 0	21 2	0 33	13 0	0 15	18 42	3 12	10 46	11 14	0 42	14 40	1 27							
F 22	0 14	17 17	2 44	11 16	1 49	7 16	0 50	22 53	4 46	22 20	0 18	22 21	1 0	21 2	0 33	13 0	0 15	18 42	3 12	10 47	11 13	0 40	14 40	1 27							
S 23	0s 9	18 32	3 38	11 50	1 57	7 45	0 48	22 45	4 42	22 19	0 18	22 21	1 0	21 2	0 33	13 1	0 15	18 42	3 12	10 47	11 12	0 38	14 39	1 27							
S 24	0 33	18 52	4 23	12 23	2 5	8 15	0 45	22 38	4 38	22 18	0 18	22 22	0 59	21 2	0 33	13 1	0 15	18 42	3 12	10 47	11 11	0 36	14 38	1 28							
M25	0 56	18 11	4 56	12 56	2 13	8 44	0 43	22 30	4 35	22 18	0 18	22 22	0 59	21 2	0 33	13 1	0 15	18 42	3 12	10 47	11 10	0 34	14 38	1 28							
T 26	1 19	16 26	5 13	13 27	2 21	9 13	0 41	22 22	4 31	22 17	0 18	22 22	0 59	21 2	0 33	13 2	0 15	18 41	3 12	10 47	11 9	0 32	14 37	1 28							
W27	1 42	13 40	5 12	13 57	2 29	9 41	0 39	22 14	4 27	22 16	0 18	22 22	0 59	21 2	0 33	13 2	0 15	18 41	3 12	10 46	11 8	0 30	14 36	1 28							
T 28	2 5	9 59	4 51	14 26	2 36	10 10	0 36	22 6	4 24	22 16	0 18	22 22	0 59	21 2	0 33	13 3	0 15	18 41	3 12	10 45	11 7	0 28	14 36	1 28							
F 29	2 28	5 36	4 11	14 54	2 43	10 38	0 34	21 57	4 20	22 15	0 18	22 22	0 59	21 2	0 33	13 3	0 15	18 41	3 12	10 44	11 5	0 26	14 35	1 28							
S 30	2s51	0n47	3s12	15s20	2s50	11s 6	0n31	21s49	4s16	22n14	0s18	22s23	0n58	21s 2	0s33	13s 4	0s15	18n41	3s12	10s43	11s 4	0s24	14n34	1s28							

## ASTRODIENST EPHEMERIS for the year 2665

OCTOBER 2665

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 40 2	8♂11'49	5♂43	4♂30	1♂43	10♂15	14♂53	0♂27	27°R53	25°R55	20♂4	27°R58	28♂56	21♂50	13°R57	S 1
M 2	0 43 59	9°10'29	20°49	5°22	2°56	10°35	14°59	0°30	27♂53	25♂54	20° 5	27°D57	28°52	21°57	13♂52	M 2
T 3	0 47 56	10° 9'10	5♂40	6°11	4°10	10°56	15° 5	0°32	27°53	25°53	20° 5	27♂57	28°49	22° 3	13°52	T 3
W 4	0 51 52	11° 7'53	20°10	6°57	5°24	11°17	15°11	0°35	27°53	25°52	20° 5	27°58	28°46	22°10	13°50	W 4
T 5	0 55 49	12° 6'38	4♂15	7°39	6°37	11°39	15°16	0°38	27°53	25°51	20° 6	27°59	28°43	22°17	13°48	T 5
F 6	0 59 45	13° 5'25	17°53	8°17	7°51	12° 1	15°22	0°41	27°53	25°50	20° 6	28° 0	28°40	22°23	13°45	F 6
S 7	1 3 42	14° 4'13	1♂5	8°50	9° 5	12°24	15°27	0°44	27°D53	25°49	20° 6	28° 1	28°37	22°30	13°43	S 7
S 8	1 7 38	15° 3'03	13°53	9°19	10°18	12°47	15°32	0°48	27°53	25°48	20° 7	28°R 1	28°33	22°37	13°41	S 8
M 9	1 11 35	16° 1'55	26°22	9°43	11°32	13°11	15°37	0°51	27°53	25°47	20° 7	28° 1	28°30	22°43	13°38	M 9
T 10	1 15 31	17° 0'48	8♂36	10° 1	12°46	13°36	15°42	0°54	27°53	25°46	20° 7	28° 0	28°27	22°50	13°36	T 10
W 11	1 19 28	17°59'43	20°37	10°13	13°59	14° 1	15°47	0°58	27°53	25°45	20° 8	27°59	28°24	22°57	13°33	W 11
T 12	1 23 25	18°58'40	2♂31	10°R19	15°13	14°26	15°51	1° 1	27°53	25°44	20° 8	27°58	28°21	23° 3	13°31	T 12
F 13	1 27 21	19°57'39	14°22	10°18	16°27	14°52	15°55	1° 5	27°53	25°44	20° 8	27°56	28°17	23°10	13°28	F 13
S 14	1 31 18	20°56'39	26°11	10° 9	17°40	15°18	15°59	1° 9	27°54	25°43	20° 8	27°55	28°14	23°17	13°26	S 14
S 15	1 35 14	21°55'41	8♂3	9°54	18°54	15°44	16° 3	1°13	27°54	25°42	20° 8	27°55	28°11	23°23	13°23	S 15
M 16	1 39 11	22°54'45	19°58	9°30	20° 7	16°11	16° 7	1°17	27°55	25°41	20° 8	27°54	28° 8	23°30	13°21	M 16
T 17	1 43 7	23°53'52	2♂0	8°59	21°21	16°39	16°11	1°21	27°55	25°41	20° 8	27°D54	28° 5	23°37	13°18	T 17
W 18	1 47 4	24°53'00	14°10	8°19	22°34	17° 7	16°14	1°25	27°56	25°40	20° 8	27°55	28° 2	23°43	13°16	W 18
T 19	1 51 0	25°52'10	26°30	7°32	23°48	17°35	16°17	1°29	27°56	25°39	20° 9	27°55	27°58	23°50	13°13	T 19
F 20	1 54 57	26°51'23	9♂2	6°38	25° 1	18° 3	16°20	1°33	27°57	25°39	20° 9	27°55	27°55	23°57	13°10	F 20
S 21	1 58 54	27°50'38	21°47	5°37	26°15	18°32	16°23	1°37	27°58	25°38	20°R 9	27°R55	27°52	24° 3	13° 8	S 21
S 22	2 2 50	28°49'55	4♂8	4°31	27°28	19° 1	16°25	1°42	27°58	25°38	20° 9	27°55	27°49	24°10	13° 5	S 22
M 23	2 6 47	29°49'14	18° 7	3°21	28°42	19°31	16°28	1°46	27°59	25°37	20° 9	27°55	27°46	24°17	13° 2	M 23
T 24	2 10 43	0♂48'36	1♂44	2° 9	29°55	20° 1	16°30	1°51	28° 0	25°37	20° 8	27°D55	27°43	24°23	12°59	T 24
W 25	2 14 40	1°48'00	15°41	0°56	1♂9	20°31	16°32	1°55	28° 1	25°36	20° 8	27°55	27°39	24°30	12°57	W 25
T 26	2 18 36	2°47'26	29°57	29♂46	2°22	21° 2	16°34	2° 0	28° 2	25°36	20° 8	27°55	27°36	24°37	12°54	T 26
F 27	2 22 33	3°46'55	14♂30	28°39	3°36	21°33	16°36	2° 4	28° 3	25°36	20° 8	27°56	27°33	24°43	12°51	F 27
S 28	2 26 29	4°46'25	29°15	27°38	4°49	22° 4	16°37	2° 9	28° 4	25°35	20° 8	27°56	27°30	24°50	12°48	S 28
S 29	2 30 26	5°45'58	14♂7	26°45	6° 3	22°36	16°38	2°14	28° 5	25°35	20° 8	27°57	27°27	24°57	12°45	S 29
M 30	2 34 23	6°45'33	28°59	26° 0	7°16	23° 7	16°39	2°19	28° 6	25°35	20° 8	27°R57	27°23	25° 3	12°43	M 30
T 31	2 38 19	7♂45'10	13♂43	25♂26	8♂29	23♂39	16♂40	2♂24	28♂7	25♂34	20♂7	27♂57	27♂20	25♂10	12♂40	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	3s14	4s 6	2s 0	15s45	2s57	11s34	0n29	21s40	4s13	22n14	0s18	22s23	0n58	21s 2	0s33	13s 4	0s15
M 2	3 37	8 42	0 39	16 9	3 3	12 2	0 27	21 31	4 9	22 13	0 18	22 23	0 58	21 2	0 33	13 4	0 15
T 3	4 0	12 42	0n43	16 31	3 9	12 29	0 24	21 22	4 6	22 12	0 18	22 23	0 58	21 2	0 33	13 5	0 15
W 4	4 23	15 48	2 0	16 51	3 15	12 56	0 21	21 12	4 2	22 12	0 18	22 23	0 58	21 2	0 33	13 5	0 15
T 5	4 46	17 50	3 8	17 10	3 20	13 23	0 19	21 3	3 59	22 11	0 18	22 23	0 58	21 2	0 33	13 5	0 15
F 6	5 9	18 46	4 3	17 27	3 25	13 49	0 16	20 53	3 55	22 11	0 18	22 23	0 57	21 2	0 33	13 6	0 15
S 7	5 32	18 38	4 43	17 42	3 29	14 15	0 14	20 43	3 52	22 10	0 18	22 24	0 57	21 2	0 33	13 6	0 15
S 8	5 54	17 32	5 7	17 54	3 33	14 41	0 11	20 33	3 48	22 10	0 17	22 24	0 57	21 2	0 33	13 6	0 15
M 9	6 17	15 37	5 17	18 4	3 35	15 7	0 8	20 23	3 45	22 9	0 17	22 24	0 57	21 2	0 32	13 7	0 15
T 10	6 40	13 2	5 12	18 12	3 37	15 32	0 5	20 13	3 41	22 9	0 17	22 24	0 57	21 2	0 32	13 7	0 15
W 11	7 2	9 56	4 53	18 17	3 38	15 56	0 3	20 2	3 38	22 8	0 17	22 24	0 57	21 2	0 32	13 7	0 15
T 12	7 24	6 28	4 21	18 18	3 38	16 21	0s 0	19 51	3 34	22 8	0 17	22 24	0 56	21 2	0 32	13 7	0 15
F 13	7 47	2 46	3 39	18 17	3 37	16 44	0 3	19 41	3 31	22 7	0 17	22 24	0 56	21 2	0 32	13 8	0 15
S 14	8 9	1n 3	2 47	18 12	3 35	17 8	0 6	19 30	3 28	22 7	0 17	22 25	0 56	21 2	0 32	13 8	0 15
S 15	8 31	4 50	1 48	18 3	3 31	17 31	0 9	19 19	3 24	22 6	0 17	22 25	0 56	21 2	0 32	13 8	0 15
M 16	8 53	8 28	0 44	17 51	3 25	17 54	0 11	19 7	3 21	22 6	0 17	22 25	0 56	21 2	0 32	13 9	0 15
T 17	9 14	11 46	0s23	17 34	3 18	18 16	0 14	18 56	3 18	22 6	0 17	22 25	0 56	21 2	0 32	13 9	0 15
W 18	9 36	14 37	1 29	17 13	3 10	18 37	0 17	18 44	3 15	22 5	0 17	22 25	0 56	21 2	0 32	13 9	0 15
T 19	9 58	16 50	2 32	16 48	2 59	18 59	0 20	18 33	3 11	22 5	0 17	22 25	0 55	21 1	0 32	13 9	0 15
F 20	10 19	18 16	3 29	16 18	2 47	19 19	0 23	18 21	3 8	22 5	0 17	22 25	0 55	21 1	0 32	13 9	0 15
S 21	10 40	18 49	4 17	15 45	2 33	19 40	0 26	18 9	3 5	22 4	0 17	22 25	0 55	21 1	0 32	13 10	0 15
S 22	11 1	18 24	4 52	15 8	2 17	19 59	0 29	17 57	3 2	22 4	0 17	22 25	0 55	21 1	0 32	13 10	0 15
M 23	11 22	16 57	5 13	14 27	1 59	20 19	0 32	17 44	2 59	22 4	0 17	22 26	0 55	21 1	0 32	13 10	0 15
T 24	11 43	14 33	5 17	13 45	1 41	20 37	0 34	17 32	2 56	22 4	0 16	22 26	0 55	21 1	0 32	13 10	0 15
W 25	12 3	11 15	5 3	13 1	1 21	20 55	0 37	17 19	2 53	22 4	0 16	22 26	0 55	21 0	0 32	13 10	0 15
T 26	12 24	7 14	4 30	12 17	1 0	21 13	0 40	17 7	2 50	22 3	0 16	22 26	0 54	21 0	0 32	13 10	0 15
F 27	12 44	2 43	3 39	11 34	0 40	21 30	0 43	16 54	2 47	22 3	0 16	22 26	0 54	21 0	0 32	13 10	0 15
S 28	13 4	2s 2	2 33	10 54	0 19	21 46	0 46	16 41	2 44	22 3	0 16	22 26	0 54	21 0	0 32	13 11	0 15
S 29	13 24	6 43	1 16	10 16	0n 1	22 2	0 49	16 28	2 41	22 3	0 16	22 26	0 54	21 0	0 32	13 11	0 15
M 30	13 43	10 59	0n 6	9 42	0 20	22 17	0 52	16 15	2 38	22 3	0 16	22 26	0 54	20 59	0 32	13 11	0 15
T 31	14s 3	14s31	1n26	9s13	0n38	22s32	0s54	16s 1	2s35	22n 3	0s16	22s26	0n54	20s59	0s32	13s11	0s15

Julian Day Number = 2694704.5, Delta T = 24m42s

Ecliptic obliquity = 23°21'03, Nutation = 0°00'08

Ayanamsha: Fagan/Bradley = 34°03'12, Lahiri = 33°10'12



## ASTRODIENST EPHEMERIS for the year 2665

DECEMBER 2665

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4 40 32	8°48'04"	3°55'	0°34'	16°14'	12°42'	15°23'	5°34'	29°10'	25°45'	19°48'	27°13'	25°42'	28°37'	11°16'	F 1
S 2	4 44 29	9°48'38"	17°12'	2°10'	17°26'	12°42'	15°23'	5°34'	29°10'	25°45'	19°48'	27°13'	25°42'	28°37'	11°16'	S 2
S 3	4 48 25	10°49'14"	0°7'	3°45'	18°39'	13°20'	15°18'	5°40'	29°12'	25°45'	19°48'	26°59'	25°35'	28°50'	11°11'	S 3
M 4	4 52 22	11°49'50"	12°42'	5°21'	19°51'	13°59'	15°12'	5°47'	29°15'	25°46'	19°47'	26°53'	25°32'	28°57'	11°9'	M 4
T 5	4 56 19	12°50'27"	24°58'	6°56'	21°4'	14°37'	15°7'	5°54'	29°17'	25°47'	19°46'	26°49'	25°29'	29°3'	11°6'	T 5
W 6	5 0 15	13°51'06"	7°0'	8°31'	22°16'	15°16'	15°1'	6°0'	29°20'	25°48'	19°45'	26°47'	25°26'	29°10'	11°4'	W 6
T 7	5 4 12	14°51'46"	18°53'	10°6'	23°28'	15°55'	14°55'	6°7'	29°23'	25°49'	19°44'	26°D47'	25°23'	29°17'	11°2'	T 7
F 8	5 8 8	15°52'27"	0°42'	11°40'	24°41'	16°33'	14°48'	6°14'	29°26'	25°50'	19°43'	26°48'	25°20'	29°23'	11°0'	F 8
S 9	5 12 5	16°53'08"	12°32'	13°15'	25°53'	17°12'	14°42'	6°21'	29°29'	25°51'	19°42'	26°49'	25°16'	29°30'	10°57'	S 9
S 10	5 16 1	17°53'51"	24°28'	14°50'	27°5'	17°51'	14°35'	6°28'	29°31'	25°52'	19°41'	26°R50'	25°13'	29°37'	10°55'	S 10
M 11	5 19 58	18°54'35"	6°35'	16°24'	28°17'	18°31'	14°29'	6°34'	29°34'	25°54'	19°40'	26°50'	25°10'	29°43'	10°53'	M 11
T 12	5 23 54	19°55'20"	18°57'	17°58'	29°30'	19°10'	14°22'	6°41'	29°37'	25°55'	19°39'	26°47'	25°7'	29°50'	10°51'	T 12
W 13	5 27 51	20°56'06"	1°36'	19°33'	0°42'	19°49'	14°15'	6°48'	29°40'	25°56'	19°38'	26°42'	25°4'	29°57'	10°49'	W 13
T 14	5 31 48	21°56'53"	14°34'	21°7'	1°54'	20°28'	14°8'	6°55'	29°43'	25°57'	19°37'	26°35'	25°0'	0°Y 3'	10°47'	T 14
F 15	5 35 44	22°57'41"	27°49'	22°41'	3°5'	21°8'	14°1'	7°2'	29°46'	25°58'	19°36'	26°26'	24°57'	0°10'	10°45'	F 15
S 16	5 39 41	23°58'31"	11°21'	24°15'	4°17'	21°47'	13°54'	7°9'	29°49'	26°0'	19°34'	26°15'	24°54'	0°17'	10°43'	S 16
S 17	5 43 37	24°59'21"	25°7'	25°50'	5°29'	22°27'	13°47'	7°16'	29°52'	26°1'	19°33'	26°5'	24°51'	0°23'	10°41'	S 17
M 18	5 47 34	26°0'13"	9°2'	27°24'	6°41'	23°7'	13°39'	7°23'	29°55'	26°2'	19°32'	25°56'	24°48'	0°30'	10°40'	M 18
T 19	5 51 30	27°1'06"	23°4'	28°58'	7°52'	23°46'	13°32'	7°30'	29°58'	26°4'	19°31'	25°49'	24°45'	0°36'	10°38'	T 19
W 20	5 55 27	28°0'00"	7°9'	0°32'	9°4'	24°26'	13°24'	7°37'	0°2'	26°5'	19°30'	25°45'	24°41'	0°43'	10°36'	W 20
T 21	5 59 23	29°2'55"	21°15'	2°6'	10°15'	25°6'	13°16'	7°44'	0°5'	26°6'	19°29'	25°43'	24°38'	0°50'	10°34'	T 21
F 22	6 3 20	0°3'51"	5°21'	3°41'	11°27'	25°46'	13°9'	7°51'	0°8'	26°8'	19°28'	25°D43'	24°35'	0°56'	10°33'	F 22
S 23	6 7 17	1°4'49"	19°26'	5°15'	12°38'	26°26'	13°1'	7°58'	0°11'	26°9'	19°27'	25°R43'	24°32'	1°3'	10°31'	S 23
S 24	6 11 13	2°5'47"	3°12'	6°50'	13°49'	27°6'	12°53'	8°5'	0°14'	26°11'	19°25'	25°43'	24°29'	1°10'	10°30'	S 24
M 25	6 15 10	3°6'47"	17°28'	8°24'	15°1'	27°46'	12°45'	8°12'	0°18'	26°12'	19°24'	25°41'	24°26'	1°16'	10°28'	M 25
T 26	6 19 6	4°7'48"	1°22'	9°59'	16°12'	28°26'	12°37'	8°19'	0°21'	26°14'	19°23'	25°37'	24°22'	1°23'	10°27'	T 26
W 27	6 23 3	5°8'50"	15°8'	11°34'	17°23'	29°6'	12°29'	8°27'	0°24'	26°16'	19°22'	25°29'	24°19'	1°30'	10°26'	W 27
T 28	6 26 59	6°9'53"	28°44'	13°9'	18°34'	29°47'	12°21'	8°34'	0°28'	26°17'	19°21'	25°19'	24°16'	1°36'	10°24'	T 28
F 29	6 30 56	7°10'56"	12°6'	14°44'	19°44'	0°Y 27'	12°13'	8°41'	0°31'	26°19'	19°19'	25°7'	24°13'	1°43'	10°23'	F 29
S 30	6 34 52	8°12'00"	25°12'	16°19'	20°55'	1°7'	12°5'	8°48'	0°34'	26°20'	19°18'	24°54'	24°10'	1°50'	10°22'	S 30
S 31	6 38 49	9°13'04"	8°0'	17°54'	22°6'	1°Y 48'	11°57'	8°55'	0°38'	26°22'	19°17'	24°41'	24°6'	1°Y 56'	10°21'	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	21s41	18s33	4n44	19s39	0n34	24s23	2s 2	8s12	1s18	22n14	0s13	22s24	0n50	20s46	0s31	13s 8	0s15	18n42	3s13	10s27	9s54	1n36	13n40	1s33					
S 2	21 50	17 13	5 5	20 5	0 27	24 15	2 3	7 56	1 15	22 15	0 13	22 24	0 50	20 46	0 31	13 8	0 15	18 42	3 13	10 24	9 53	1 38	13 39	1 33					
S 3	21 59	15 1	5 9	20 30	0 20	24 7	2 5	7 39	1 13	22 16	0 13	22 24	0 50	20 45	0 31	13 7	0 15	18 43	3 13	10 22	9 51	1 40	13 39	1 33					
M 4	22 7	12 10	4 58	20 54	0 13	23 58	2 6	7 23	1 11	22 16	0 13	22 24	0 50	20 45	0 31	13 7	0 15	18 43	3 13	10 19	9 50	1 42	13 38	1 34					
T 5	22 15	8 51	4 33	21 18	0 6	23 48	2 7	7 6	1 9	22 17	0 13	22 24	0 50	20 44	0 31	13 7	0 15	18 43	3 13	10 18	9 49	1 44	13 37	1 34					
W 6	22 23	5 14	3 57	21 40	0s 1	23 37	2 7	6 49	1 7	22 18	0 13	22 23	0 50	20 44	0 31	13 6	0 15	18 43	3 13	10 17	9 48	1 46	13 37	1 34					
T 7	22 30	1 28	3 11	22 1	0 8	23 25	2 8	6 32	1 5	22 19	0 13	22 23	0 49	20 43	0 31	13 6	0 15	18 43	3 13	10 17	9 47	1 48	13 36	1 34					
F 8	22 36	2n22	2 16	22 21	0 15	23 13	2 9	6 16	1 3	22 19	0 12	22 23	0 49	20 42	0 31	13 6	0 15	18 43	3 13	10 18	9 46	1 50	13 35	1 34					
S 9	22 42	6 6	1 17	22 40	0 21	23 1	2 10	5 59	1 1	22 20	0 12	22 23	0 49	20 42	0 31	13 5	0 15	18 43	3 13	10 18	9 45	1 52	13 34	1 34					
S 10	22 48	9 39	0 13	22 57	0 28	22 48	2 10	5 42	0 59	22 21	0 12	22 23	0 49	20 41	0 31	13 5	0 15	18 44	3 13	10 18	9 43	1 53	13 34	1 34					
M 11	22 53	12 50	0s52	23 14	0 35	22 34	2 11	5 25	0 58	22 22	0 12	22 22	0 49	20 41	0 31	13 5	0 15	18 44	3 13	10 18	9 42	1 55	13 33	1 34					
T 12	22 58	15 32	1 56	23 29	0 41	22 19	2 11	5 8	0 56	22 23	0 12	22 22	0 49	20 40	0 31	13 4	0 15	18 44	3 13	10 17	9 41	1 57	13 32	1 34					
W 13	23 3	17 32	2 56	23 43	0 47	22 4	2 11	4 51	0 54	22 24	0 12	22 22	0 49	20 39	0 31	13 4	0 15	18 44	3 13	10 16	9 40	1 59	13 32	1 34					
T 14	23 6	18 42	3 47	23 56	0 53	21 48	2 11	4 33	0 52	22 24	0 12	22 21	0 49	20 39	0 31	13 3	0 15	18 44	3 13	10 13	9 39	2 1	13 31	1 34					
F 15	23 10	18 52	4 28	24 8	0 59	21 32	2 12	4 16	0 50	22 25	0 12	22 21	0 49	20 38	0 31	13 3	0 15	18 44	3 13	10 10	9 38	2 3	13 31	1 34					
S 16	23 13	17 59	4 54	24 19	1 5	21 15	2 11	3 59	0 48	22 26	0 12	22 21	0 49	20 37	0 31	13 2	0 15	18 45	3 13	10 6	9 36	2 5	13 30	1 34					
S 17	23 15	16 2	5 4	24 28	1 11	20 57	2 11	3 42	0 47	22 27	0 11	22 21	0 49	20 37	0 31	13 2	0 15	18 45	3 13	10 2	9 35	2 7	13 29	1 34					
M 18	23 17	13 9	4 57	24 36	1 16	20 39	2 11	3 25	0 45	22 28	0 11	22 20	0 48	20 36	0 31	13 2	0 15	18 45	3 13	9 59	9 34	2 9	13 29	1 34					
T 19	23 19	9 30	4 31	24 42	1 21	20 20	2 11	3 7	0 43	22 29	0 11	22 20	0 48	20 35	0 31	13 1	0 15	18 45	3 13	9 57	9 33	2 11	13 28	1 34					
W 20	23 20	5 18	3 49	24 48	1 27	20 1	2 10	2 50	0 41	22 30	0 11	22 20	0 48	20 35	0 31	13 1	0 15	18 45	3 13	9 55	9 32	2 13	13 28	1 34					
T 21	23 21	0 48	2 53	24 51	1 31	19 41	2 10	2 33	0 40	22 31	0 11	22 19	0 48	20 34	0 31	13 0	0 15	18 46	3 13	9 54	9 31	2 14	13 27	1 34					
F 22	23 21	3s45	1 46	24 54	1 36	19 21	2 9	2 15	0 38	22 32	0 11	22 19	0 48	20 33	0 31	13 0	0 15	18 46	3 13	9 54	9 29	2 16	13 27	1 34					
S 23	23 21	8 6	0 34	24 55	1 41	19 0	2 8	1 58	0 36	22 32	0 11	22 19	0 48	20 33	0 31	12 59	0 15	18 46	3 13	9 54	9 28	2 18	13 26	1 34					
S 24	23 20	11 59	0n41	24 55	1 45	18 39	2 8	1 41	0 35	22 33	0 11	22 18	0 48	20 32	0 31	12 59	0 15	18 46	3 13	9 54	9 27	2 20	13 26	1 34					
M 25	23 19	15 10	1 53	24 54	1 49	18 17	2 7	1 23	0 33	22 34	0 10	22 18	0 48	20 31	0 31	12 58	0 15	18 46	3 13	9 54	9 26	2 22	13 25	1 34					
T 26	23 17	17 28	2 57	24 51	1 53	17 55	2 5	1 6	0 31	22 35	0 10	22 18	0 48	20 31	0 31	12 58	0 15	18 46	3 13	9 52	9 25	2 24	13 25	1 34					
W 27	23 15	18 42	3 51	24 46	1 56	17 33	2 4	0 49	0 30	22 36	0 10	22 17	0 48	20 30	0 31	12 57	0 15	18 47	3 13	9 49	9 24	2 26	13 24	1 34					
T 28	23 12	18 51	4 30	24 41	1 59	17 9	2 3	0 31	0 28	22 37	0 10	22 17	0 48	20 29	0 31	12 57	0 15	18 47	3 13	9 45	9 22	2 28	13 24	1 34					
F 29	23 9	17 55	4 54	24 34	2 2	16 46	2 2	0 14	0 27	22 38	0 10	22 16	0 48	20 28	0 31	12 56	0 15	18 47	3 13	9 41	9 21	2 30	13 24	1 34					
S 30	23 6	16 4	5 1	24 25	2 4	16 22	2 0	0n 4	0 25	22 39	0 10	22 16	0 48	20 28	0 31	12 56	0 15	18 47	3 13	9 36	9 20	2 31	13 23	1 34					
S 31	23s 2	13s28	4n53	24s15	2s 7	15s58	1s58	0n21	0s24	22n39	0s10	22s16	0n48	20s27	0s31	12s55	0s15	18n47	3s13	9s32	9s19	2n33	13n23	1s34					



## ASTRODIENST EPHEMERIS for the year 2666

FEBRUARY 2666

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 44 59	11 <sup>48</sup> 13	4 <sup>36</sup>	24 <sup>R</sup> 21	28 <sup>3</sup> 23	23 <sup>3</sup> 34	8 <sup>R</sup> 2	12 <sup>3</sup> 36	2 <sup>30</sup>	27 <sup>26</sup>	18 <sup>R</sup> 38	21 <sup>R</sup> 6	22 <sup>25</sup>	5 <sup>29</sup>	10 <sup>13</sup>	T 1
F 2	8 48 55	12 <sup>49</sup> 15	16 <sup>22</sup>	23 <sup>45</sup>	29 <sup>28</sup>	24 <sup>15</sup>	7 <sup>57</sup>	12 <sup>42</sup>	2 <sup>34</sup>	27 <sup>28</sup>	18 <sup>37</sup>	21 <sup>D</sup> 4	22 <sup>22</sup>	5 <sup>36</sup>	10 <sup>14</sup>	F 2
S 3	8 52 52	13 <sup>50</sup> 17	28 <sup>10</sup>	22 <sup>58</sup>	0 <sup>32</sup>	24 <sup>56</sup>	7 <sup>52</sup>	12 <sup>49</sup>	2 <sup>37</sup>	27 <sup>30</sup>	18 <sup>36</sup>	21 <sup>4</sup>	22 <sup>18</sup>	5 <sup>43</sup>	10 <sup>15</sup>	S 3
S 4	8 56 48	14 <sup>51</sup> 17	10 <sup>3</sup>	22 <sup>2</sup>	1 <sup>36</sup>	25 <sup>37</sup>	7 <sup>46</sup>	12 <sup>55</sup>	2 <sup>41</sup>	27 <sup>32</sup>	18 <sup>35</sup>	21 <sup>R</sup> 5	22 <sup>15</sup>	5 <sup>49</sup>	10 <sup>15</sup>	S 4
M 5	9 0 45	15 <sup>52</sup> 17	22 <sup>9</sup>	20 <sup>58</sup>	2 <sup>39</sup>	26 <sup>19</sup>	7 <sup>41</sup>	13 <sup>2</sup>	2 <sup>44</sup>	27 <sup>35</sup>	18 <sup>34</sup>	21 <sup>5</sup>	22 <sup>12</sup>	5 <sup>56</sup>	10 <sup>16</sup>	M 5
T 6	9 4 42	16 <sup>53</sup> 15	4 <sup>31</sup>	19 <sup>48</sup>	3 <sup>42</sup>	27 <sup>0</sup>	7 <sup>37</sup>	13 <sup>8</sup>	2 <sup>48</sup>	27 <sup>37</sup>	18 <sup>33</sup>	21 <sup>3</sup>	22 <sup>9</sup>	6 <sup>3</sup>	10 <sup>17</sup>	T 6
W 7	9 8 38	17 <sup>54</sup> 12	17 <sup>16</sup>	18 <sup>34</sup>	4 <sup>45</sup>	27 <sup>41</sup>	7 <sup>32</sup>	13 <sup>14</sup>	2 <sup>51</sup>	27 <sup>39</sup>	18 <sup>32</sup>	20 <sup>59</sup>	22 <sup>6</sup>	6 <sup>9</sup>	10 <sup>18</sup>	W 7
T 8	9 12 35	18 <sup>55</sup> 09	0 <sup>26</sup>	17 <sup>19</sup>	5 <sup>47</sup>	28 <sup>22</sup>	7 <sup>27</sup>	13 <sup>20</sup>	2 <sup>55</sup>	27 <sup>41</sup>	18 <sup>31</sup>	20 <sup>53</sup>	22 <sup>3</sup>	6 <sup>16</sup>	10 <sup>19</sup>	T 8
F 9	9 16 31	19 <sup>56</sup> 04	14 <sup>5</sup>	16 <sup>4</sup>	6 <sup>49</sup>	29 <sup>3</sup>	7 <sup>23</sup>	13 <sup>27</sup>	2 <sup>58</sup>	27 <sup>44</sup>	18 <sup>30</sup>	20 <sup>44</sup>	21 <sup>59</sup>	6 <sup>22</sup>	10 <sup>20</sup>	F 9
S 10	9 20 28	20 <sup>56</sup> 58	28 <sup>10</sup>	14 <sup>51</sup>	7 <sup>51</sup>	29 <sup>44</sup>	7 <sup>19</sup>	13 <sup>33</sup>	3 <sup>1</sup>	27 <sup>46</sup>	18 <sup>29</sup>	20 <sup>35</sup>	21 <sup>56</sup>	6 <sup>29</sup>	10 <sup>22</sup>	S 10
S 11	9 24 24	21 <sup>57</sup> 51	12 <sup>39</sup>	13 <sup>43</sup>	8 <sup>52</sup>	0 <sup>25</sup>	7 <sup>15</sup>	13 <sup>39</sup>	3 <sup>5</sup>	27 <sup>48</sup>	18 <sup>28</sup>	20 <sup>25</sup>	21 <sup>53</sup>	6 <sup>36</sup>	10 <sup>23</sup>	S 11
M 12	9 28 21	22 <sup>58</sup> 43	27 <sup>25</sup>	12 <sup>42</sup>	9 <sup>53</sup>	1 <sup>6</sup>	7 <sup>11</sup>	13 <sup>45</sup>	3 <sup>8</sup>	27 <sup>50</sup>	18 <sup>27</sup>	20 <sup>16</sup>	21 <sup>50</sup>	6 <sup>42</sup>	10 <sup>24</sup>	M 12
T 13	9 32 17	23 <sup>59</sup> 34	12 <sup>19</sup>	11 <sup>47</sup>	10 <sup>53</sup>	1 <sup>47</sup>	7 <sup>8</sup>	13 <sup>51</sup>	3 <sup>12</sup>	27 <sup>53</sup>	18 <sup>26</sup>	20 <sup>9</sup>	21 <sup>47</sup>	6 <sup>49</sup>	10 <sup>25</sup>	T 13
W 14	9 36 14	25 <sup>0</sup> 24	27 <sup>14</sup>	11 <sup>0</sup>	11 <sup>53</sup>	2 <sup>28</sup>	7 <sup>5</sup>	13 <sup>57</sup>	3 <sup>15</sup>	27 <sup>55</sup>	18 <sup>25</sup>	20 <sup>4</sup>	21 <sup>44</sup>	6 <sup>56</sup>	10 <sup>27</sup>	W 14
T 15	9 40 11	26 <sup>0</sup> 13	12 <sup>1</sup>	10 <sup>21</sup>	12 <sup>53</sup>	3 <sup>9</sup>	7 <sup>1</sup>	14 <sup>3</sup>	3 <sup>18</sup>	27 <sup>57</sup>	18 <sup>24</sup>	20 <sup>2</sup>	21 <sup>40</sup>	7 <sup>2</sup>	10 <sup>28</sup>	T 15
F 16	9 44 7	27 <sup>0</sup> 21	26 <sup>34</sup>	9 <sup>51</sup>	13 <sup>52</sup>	3 <sup>50</sup>	6 <sup>58</sup>	14 <sup>8</sup>	3 <sup>22</sup>	28 <sup>0</sup>	18 <sup>23</sup>	20 <sup>D</sup> 2	21 <sup>37</sup>	7 <sup>9</sup>	10 <sup>30</sup>	F 16
S 17	9 48 4	28 <sup>0</sup> 24	10 <sup>50</sup>	9 <sup>29</sup>	14 <sup>50</sup>	4 <sup>31</sup>	6 <sup>56</sup>	14 <sup>14</sup>	3 <sup>25</sup>	28 <sup>2</sup>	18 <sup>22</sup>	20 <sup>3</sup>	21 <sup>34</sup>	7 <sup>16</sup>	10 <sup>31</sup>	S 17
S 18	9 52 0	29 <sup>0</sup> 35	24 <sup>47</sup>	9 <sup>15</sup>	15 <sup>48</sup>	5 <sup>11</sup>	6 <sup>53</sup>	14 <sup>20</sup>	3 <sup>28</sup>	28 <sup>4</sup>	18 <sup>21</sup>	20 <sup>R</sup> 4	21 <sup>31</sup>	7 <sup>22</sup>	10 <sup>33</sup>	S 18
M 19	9 55 57	0 <sup>4</sup> 21	8 <sup>25</sup>	9 <sup>D</sup> 10	16 <sup>46</sup>	5 <sup>52</sup>	6 <sup>51</sup>	14 <sup>26</sup>	3 <sup>32</sup>	28 <sup>6</sup>	18 <sup>20</sup>	20 <sup>3</sup>	21 <sup>28</sup>	7 <sup>29</sup>	10 <sup>34</sup>	M 19
T 20	9 59 53	1 <sup>0</sup> 50	21 <sup>47</sup>	9 <sup>12</sup>	17 <sup>43</sup>	6 <sup>33</sup>	6 <sup>48</sup>	14 <sup>31</sup>	3 <sup>35</sup>	28 <sup>9</sup>	18 <sup>19</sup>	20 <sup>1</sup>	21 <sup>24</sup>	7 <sup>36</sup>	10 <sup>36</sup>	T 20
W 21	10 3 50	2 <sup>0</sup> 54	4 <sup>53</sup>	9 <sup>20</sup>	18 <sup>39</sup>	7 <sup>14</sup>	6 <sup>46</sup>	14 <sup>37</sup>	3 <sup>38</sup>	28 <sup>11</sup>	18 <sup>19</sup>	19 <sup>57</sup>	21 <sup>21</sup>	7 <sup>42</sup>	10 <sup>38</sup>	W 21
T 22	10 7 46	3 <sup>0</sup> 63	17 <sup>44</sup>	9 <sup>36</sup>	19 <sup>35</sup>	7 <sup>55</sup>	6 <sup>45</sup>	14 <sup>42</sup>	3 <sup>41</sup>	28 <sup>13</sup>	18 <sup>18</sup>	19 <sup>51</sup>	21 <sup>18</sup>	7 <sup>49</sup>	10 <sup>40</sup>	T 22
F 23	10 11 43	4 <sup>0</sup> 71	0 <sup>24</sup>	9 <sup>57</sup>	20 <sup>30</sup>	8 <sup>36</sup>	6 <sup>43</sup>	14 <sup>48</sup>	3 <sup>45</sup>	28 <sup>16</sup>	18 <sup>17</sup>	19 <sup>43</sup>	21 <sup>15</sup>	7 <sup>56</sup>	10 <sup>41</sup>	F 23
S 24	10 15 40	5 <sup>0</sup> 75	12 <sup>51</sup>	10 <sup>24</sup>	21 <sup>25</sup>	9 <sup>17</sup>	6 <sup>42</sup>	14 <sup>53</sup>	3 <sup>48</sup>	28 <sup>18</sup>	18 <sup>16</sup>	19 <sup>34</sup>	21 <sup>12</sup>	8 <sup>2</sup>	10 <sup>43</sup>	S 24
S 25	10 19 36	6 <sup>0</sup> 83	25 <sup>8</sup>	10 <sup>57</sup>	22 <sup>19</sup>	9 <sup>58</sup>	6 <sup>41</sup>	14 <sup>59</sup>	3 <sup>51</sup>	28 <sup>20</sup>	18 <sup>15</sup>	19 <sup>25</sup>	21 <sup>9</sup>	8 <sup>9</sup>	10 <sup>45</sup>	S 25
M 26	10 23 33	7 <sup>0</sup> 91	7 <sup>16</sup>	11 <sup>34</sup>	23 <sup>12</sup>	10 <sup>39</sup>	6 <sup>40</sup>	15 <sup>4</sup>	3 <sup>54</sup>	28 <sup>22</sup>	18 <sup>15</sup>	19 <sup>18</sup>	21 <sup>5</sup>	8 <sup>16</sup>	10 <sup>47</sup>	M 26
T 27	10 27 29	8 <sup>0</sup> 94	19 <sup>15</sup>	12 <sup>15</sup>	24 <sup>4</sup>	11 <sup>20</sup>	6 <sup>39</sup>	15 <sup>9</sup>	3 <sup>57</sup>	28 <sup>25</sup>	18 <sup>14</sup>	19 <sup>12</sup>	21 <sup>2</sup>	8 <sup>22</sup>	10 <sup>49</sup>	T 27
W 28	10 31 26	9 <sup>1</sup> 10	1 <sup>8</sup>	13 <sup>22</sup>	24 <sup>56</sup>	12 <sup>3</sup> 0	6 <sup>38</sup>	15 <sup>14</sup>	4 <sup>0</sup>	28 <sup>27</sup>	18 <sup>13</sup>	19 <sup>4</sup> 8	20 <sup>5</sup> 9	8 <sup>29</sup>	10 <sup>51</sup>	W 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
T 1	17s11	3n 9	1n27	11s26	2n 2	0s44	0s 6	9n22	0n16	23n 2	0s 5	22s 0	0n46	20s 2	0s31	T 1
F 2	16 54	6 48	0 25	11 21	2 20	0 13	0 0	9 38	0 17	23 2	0 5	21 59	0 46	20 1	0 31	F 2
S 3	16 37	10 12	0s38	11 21	2 36	0n17	0n 5	9 54	0 18	23 2	0 5	21 58	0 46	20 1	0 31	S 3
S 4	16 19	13 12	1 40	11 25	2 51	0 48	0 11	10 10	0 19	23 3	0 4	21 58	0 46	20 0	0 31	S 4
M 5	16 1	15 41	2 38	11 32	3 4	1 18	0 16	10 26	0 20	23 3	0 4	21 57	0 46	19 59	0 31	M 5
T 6	15 43	17 31	3 30	11 44	3 15	1 48	0 22	10 41	0 21	23 4	0 4	21 57	0 46	19 58	0 31	T 6
W 7	15 25	18 32	4 14	11 58	3 24	2 19	0 28	10 57	0 22	23 4	0 4	21 56	0 46	19 58	0 31	W 7
T 8	15 6	18 35	4 46	12 14	3 31	2 49	0 34	11 13	0 23	23 5	0 4	21 56	0 46	19 57	0 31	T 8
F 9	14 47	17 35	5 3	12 33	3 35	3 19	0 40	11 28	0 24	23 5	0 4	21 55	0 46	19 56	0 31	F 9
S 10	14 28	15 31	5 2	12 52	3 36	3 49	0 46	11 43	0 25	23 5	0 4	21 54	0 46	19 55	0 31	S 10
S 11	14 8	12 26	4 42	13 12	3 35	4 19	0 53	11 58	0 26	23 6	0 3	21 54	0 46	19 54	0 31	S 11
M 12	13 48	8 30	4 4	13 33	3 32	4 48	0 59	12 14	0 26	23 6	0 3	21 53	0 46	19 54	0 31	M 12
T 13	13 28	4 1	3 8	13 53	3 27	5 18	1 6	12 29	0 27	23 6	0 3	21 53	0 46	19 53	0 31	T 13
W 14	13 8	0s44	1 59	14 12	3 20	5 47	1 12	12 43	0 28	23 7	0 3	21 52	0 46	19 52	0 31	W 14
T 15	12 48	5 24	0 43	14 30	3 12	6 17	1 19	12 58	0 29	23 7	0 3	21 51	0 46	19 51	0 32	T 15
F 16	12 27	9 40	0n35	14 47	3 2	6 46	1 25	13 13	0 30	23 7	0 3	21 51	0 46	19 51	0 32	F 16
S 17	12 6	13 17	1 50	15 3	2 52	7 15	1 32	13 27	0 31	23 8	0 3	21 50	0 46	19 50	0 32	S 17
S 18	11 45	16 3	2 56	15 17	2 41	7 43	1 39	13 42	0 31	23 8	0 3	21 50	0 46	19 49	0 32	S 18
M 19	11 24	17 50	3 51	15 30	2 29	8 12	1 46	13 56	0 32	23 8	0 2	21 49	0 46	19 48	0 32	M 19
T 20	11 3	18 35	4 32	15 41	2 17	8 40	1 53	14 10	0 33	23 8	0 2	21 49	0 45	19 48	0 32	T 20
W 21	10 41	18 18	4 58	15 50	2 5	9 8	2 0	14 25	0 34	23 9	0 2	21 48	0 45	19 47	0 32	W 21
T 22	10 20	17 5	5 8	15 58	1 53	9 36	2 8	14 39	0 35	23 9	0 2	21 47	0 45	19 46	0 32	T 22
F 23	9 58	15 3	5 3	16 4	1 40	10 4	2 15	14 52	0 35	23 9	0 2	21 47	0 45	19 45	0 32	F 23
S 24	9 36	12 21	4 43	16 9	1 28	10 31	2 22	15 6	0 36	23 9	0 2	21 46	0 45	19 45	0 32	S 24
S 25	9 13	9 9	4 11	16 12	1 16	10 58	2 30	15 20	0 37	23 9	0 2	21 46	0 45	19 44	0 32	S 25
M 26	8 51	5 36	3 27	16 13	1 4	11 25	2 37	15 33	0 37	23 10	0 1	21 45	0 45	19 43	0 32	M 26
T 27	8 29	1 51	2 35	16 13	0 52	11 51	2 45	15 47	0 38	23 10	0 1	21 45	0 45	19 43	0 32	T 27
W 28	8s 6	1n55	1n36	16s12	0n41	12n18	2n52	16n 0	0n39	23n10	0s 1	21s44	0n45	19s42	0s32	W 28

Julian Day Number = 2694827.5, Delta T = 24m44s

Ecliptic obliquity = 23°21'01", Nutation = 0°00'08"

Ayanamsha: Fagan/Bradley = 34°03'29", Lahiri = 33°10'29"

# ASTRODIENST EPHEMERIS for the year 2666

MARCH 2666

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 35 22	10°11'56"	12°15'56"	13°44'49"	25°17'47"	12°18'41"	6°R38	15°13'19"	4°33'3	28°22'29"	18°R12	19°R 6	20°15'56"	8°17'35"	10°18'54"	T 1
F 2	10 39 19	11°11'27"	24°42'	14°42'	26°38'	13°22'	6°D38	15°24'	4° 6'	28°31'	18°12'	19°D 6	20°53'	8°42'	10°56'	F 2
S 3	10 43 15	12°11'57"	6°13'30"	15°38'	27°27'	14° 3'	6°13'38"	15°29'	4° 9'	28°34'	18°11'	19°15' 7	20°49'	8°49'	10°58'	S 3
S 4	10 47 12	13°12'26"	18°23'	16°36'	28°16'	14°44'	6°38'	15°34'	4°12'	28°36'	18°10'	19° 9'	20°46'	8°55'	11° 0'	S 4
M 5	10 51 9	14°12'52"	0°11'27"	17°37'	29° 4'	15°24'	6°38'	15°39'	4°15'	28°38'	18°10'	19°11'	20°43'	9° 2'	11° 2'	M 5
T 6	10 55 5	15°13'17"	12°47'	18°41'	29°50'	16° 5'	6°39'	15°43'	4°18'	28°40'	18° 9'	19°R12	20°40'	9° 9'	11° 5'	T 6
W 7	10 59 2	16°13'40"	25°27'	19°47'	0°18'36"	16°46'	6°40'	15°48'	4°21'	28°42'	18° 9'	19°11'	20°37'	9°15'	11° 7'	W 7
T 8	11 2 58	17°14'01"	8°13'32"	20°55'	1°21'	17°26'	6°41'	15°53'	4°24'	28°45'	18° 8'	19° 9'	20°34'	9°22'	11°10'	T 8
F 9	11 6 55	18°14'20"	22° 4'	22° 6'	2° 5'	18° 7'	6°42'	15°57'	4°27'	28°47'	18° 7'	19° 6'	20°30'	9°29'	11°12'	F 9
S 10	11 10 51	19°14'37"	6°12' 5	23°18'	2°48'	18°48'	6°43'	16° 2'	4°29'	28°49'	18° 7'	19° 2'	20°27'	9°35'	11°15'	S 10
S 11	11 14 48	20°14'52"	20°33'	24°32'	3°30'	19°28'	6°45'	16° 6'	4°32'	28°51'	18° 6'	18°58'	20°24'	9°42'	11°17'	S 11
M12	11 18 44	21°15'05"	5°11'24"	25°48'	4°10'	20° 9'	6°47'	16°10'	4°35'	28°53'	18° 6'	18°54'	20°21'	9°49'	11°20'	M12
T13	11 22 41	22°15'16"	20°30'	27° 5'	4°49'	20°50'	6°49'	16°14'	4°38'	28°55'	18° 6'	18°50'	20°18'	9°55'	11°22'	T13
W14	11 26 37	23°15'25"	5°12'42"	28°24'	5°27'	21°30'	6°51'	16°18'	4°40'	28°58'	18° 5'	18°49'	20°15'	10° 2'	11°25'	W14
T15	11 30 34	24°15'33"	20°49'	29°45'	6° 4'	22°11'	6°54'	16°22'	4°43'	29° 0'	18° 5'	18°D48	20°11'	10° 8'	11°28'	T15
F16	11 34 31	25°15'39"	5°11'44"	1°18' 6	6°40'	22°51'	6°56'	16°26'	4°45'	29° 2'	18° 4'	18°49'	20° 8'	10°15'	11°31'	F16
S17	11 38 27	26°15'44"	20°19'	2°30'	7°14'	23°32'	6°59'	16°30'	4°48'	29° 4'	18° 4'	18°50'	20° 5'	10°22'	11°33'	S17
S18	11 42 24	27°15'47"	4°17'32"	3°55'	7°46'	24°12'	7° 2'	16°34'	4°51'	29° 6'	18° 4'	18°52'	20° 2'	10°28'	11°36'	S18
M19	11 46 20	28°15'49"	18°20'	5°21'	8°17'	24°53'	7° 5'	16°38'	4°53'	29° 8'	18° 3'	18°53'	19°59'	10°35'	11°39'	M19
T20	11 50 17	29°15'49"	1°13'44"	6°48'	8°47'	25°33'	7° 8'	16°41'	4°55'	29°10'	18° 3'	18°R53	19°55'	10°42'	11°42'	T20
W21	11 54 13	0°15'48"	14°46'	8°17'	9°15'	26°14'	7°12'	16°45'	4°58'	29°12'	18° 3'	18°52'	19°52'	10°48'	11°45'	W21
T22	11 58 10	1°15'45"	27°29'	9°47'	9°41'	26°54'	7°15'	16°48'	5° 0'	29°14'	18° 2'	18°51'	19°49'	10°55'	11°48'	T22
F23	12 2 6	2°15'40"	9°11'56"	11°18'	10° 6'	27°34'	7°19'	16°52'	5° 3'	29°16'	18° 2'	18°49'	19°46'	11° 2'	11°51'	F23
S24	12 6 3	3°15'34"	22°10'	12°50'	10°28'	28°15'	7°23'	16°55'	5° 5'	29°18'	18° 2'	18°46'	19°43'	11° 8'	11°54'	S24
S25	12 10 0	4°15'25"	4°11'14"	14°24'	10°49'	28°55'	7°28'	16°58'	5° 7'	29°20'	18° 2'	18°44'	19°40'	11°15'	11°57'	S25
M26	12 13 56	5°15'15"	16°11'	15°59'	11° 8'	29°35'	7°32'	17° 1'	5° 9'	29°22'	18° 2'	18°42'	19°36'	11°22'	12° 0'	M26
T27	12 17 53	6°15'04"	28° 2'	17°35'	11°25'	0°11'16"	7°37'	17° 4'	5°11'	29°24'	18° 2'	18°40'	19°33'	11°28'	12° 3'	T27
W28	12 21 49	7°14'50"	9°17'50"	19°12'	11°40'	0°56'	7°41'	17° 7'	5°13'	29°26'	18° 1'	18°40'	19°30'	11°35'	12° 6'	W28
T29	12 25 46	8°14'34"	21°37'	20°50'	11°53'	1°36'	7°46'	17°10'	5°16'	29°28'	18° 1'	18°D39	19°27'	11°42'	12°10'	T29
F30	12 29 42	9°14'16"	3°18'25"	22°30'	12° 4'	2°17'	7°51'	17°13'	5°18'	29°29'	18° 1'	18°40'	19°24'	11°48'	12°13'	F30
S31	12 33 39	10°13'57"	15°18'17"	24°11'11"	12°18'12"	2°11'57"	7°57'	17°15'	5°20'	29°31'	18°11'	18°40'	19°20'	11°55'	12°16'	S31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	7s43	5n36	0n34	16s 8	0n30	12n43	3n 0	16n13	0n40	23n10	0s 1	21s43	0n45	19s41	0s32	T 1
F 2	7 21	9 3	0s31	16 4	0 19	13 9	3 8	16 26	0 40	23 10	0 1	21 43	0 45	19 40	0 32	F 2
S 3	6 58	12 10	1 34	15 58	0 8	13 34	3 16	16 39	0 41	23 10	0 1	21 42	0 45	19 40	0 32	S 3
S 4	6 35	14 47	2 33	15 50	0s 2	13 59	3 23	16 51	0 42	23 10	0 1	21 42	0 45	19 39	0 32	S 4
M 5	6 11	16 48	3 27	15 41	0 12	14 23	3 31	17 4	0 42	23 11	0 1	21 41	0 45	19 38	0 32	M 5
T 6	5 48	18 4	4 13	15 31	0 22	14 48	3 39	17 16	0 43	23 11	0 0	21 41	0 45	19 38	0 32	T 6
W 7	5 25	18 29	4 47	15 19	0 31	15 11	3 47	17 29	0 43	23 11	0 0	21 40	0 45	19 37	0 32	W 7
T 8	5 1	17 57	5 8	15 6	0 40	15 34	3 55	17 41	0 44	23 11	0 0	21 40	0 45	19 36	0 32	T 8
F 9	4 38	16 24	5 13	14 51	0 48	15 57	4 3	17 53	0 45	23 11	0 0	21 39	0 45	19 36	0 32	F 9
S 10	4 15	13 50	5 0	14 36	0 56	16 20	4 11	18 5	0 45	23 11	0n 0	21 39	0 45	19 35	0 32	S 10
S 11	3 51	10 21	4 27	14 18	1 4	16 42	4 19	18 16	0 46	23 11	0 0	21 38	0 45	19 34	0 32	S 11
M12	3 27	6 8	3 36	14 0	1 12	17 3	4 27	18 28	0 46	23 11	0 0	21 38	0 45	19 34	0 32	M12
T13	3 4	1 27	2 30	13 40	1 19	17 24	4 35	18 39	0 47	23 11	0 0	21 37	0 45	19 33	0 32	T13
W14	2 40	3s21	1 12	13 19	1 25	17 45	4 43	18 50	0 48	23 11	0 1	21 37	0 45	19 33	0 32	W14
T15	2 16	7 56	0n11	12 57	1 32	18 4	4 51	19 1	0 48	23 11	0 1	21 36	0 45	19 32	0 32	T15
F16	1 53	11 56	1 32	12 34	1 38	18 24	4 59	19 12	0 49	23 11	0 1	21 36	0 45	19 31	0 32	F16
S17	1 29	15 6	2 45	12 9	1 43	18 43	5 7	19 23	0 49	23 11	0 1	21 35	0 45	19 31	0 32	S17
S18	1 5	17 15	3 46	11 43	1 48	19 1	5 15	19 33	0 50	23 11	0 1	21 35	0 45	19 30	0 32	S18
M19	0 41	18 19	4 32	11 16	1 53	19 19	5 23	19 44	0 50	23 11	0 1	21 34	0 45	19 30	0 32	M19
T20	0 18	18 18	5 2	10 48	1 57	19 36	5 31	19 54	0 51	23 11	0 1	21 34	0 45	19 29	0 32	T20
W21	0n 6	17 19	5 15	10 19	2 1	19 52	5 39	20 4	0 51	23 11	0 1	21 33	0 45	19 29	0 32	W21
T22	0 30	15 28	5 13	9 48	2 5	20 8	5 47	20 14	0 52	23 11	0 1	21 33	0 45	19 28	0 32	T22
F23	0 54	12 57	4 55	9 17	2 8	20 23	5 54	20 24	0 52	23 11	0 2	21 33	0 45	19 28	0 32	F23
S24	1 17	9 54	4 24	8 44	2 11	20 37	6 2	20 33	0 53	23 10	0 2	21 32	0 45	19 27	0 32	S24
S25	1 41	6 28	3 42	8 10	2 13	20 51	6 9	20 43	0 53	23 10	0 2	21 32	0 45	19 26	0 32	S25
M26	2 5	2 49	2 51	7 35	2 15	21 4	6 16	20 52	0 54	23 10	0 2	21 31	0 45	19 26	0 32	M26
T27	2 28	0n56	1 52	6 59	2 17	21 16	6 23	21 1	0 54	23 10	0 2	21 31	0 45	19 26	0 32	T27
W28	2 52	4 38	0 49	6 22	2 18	21 27	6 30	21 10	0 55	23 10	0 2	21 31	0 45	19 25	0 32	W28
T29	3 15	8 9	0s16	5 44	2 18	21 37	6 36	21 18	0 55	23 10	0 2	21 30	0 45	19 25	0 33	T29
F30	3 39	11 20	1 21	5 5	2 18	21 47	6 43	21 27	0 55	23 9	0 2	21 30	0 45	19 24	0 33	F30
S31	4n 2	14n 5	2s23	4s25	2s18	21n55	6n49	21n35	0n56	23n 9	0n 2	21s30	0n45	19s24	0s33	S31

Julian Day Number = 2694855.5, Delta T = 24m44s  
 Ecliptic obliquity = 23°21'02", Nutation = 0°00'07"  
 Ayanamsha: Fagan/Bradley = 34°03'33", Lahiri = 33°10'33"

## ASTRODIENST EPHEMERIS for the year 2666

APRIL 2666

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 37 35	11°13'35	27°16	25°53	12°18	3°37	8°2	17°18	5°22	29°33	18°D 1	18°41	19°17	12°Y 1	12°19	S 1
M 2	12 41 32	12°13'11	9°12	27°37	12°22	4°17	8°8	17°20	5°23	29°35	18°D 1	18°42	19°14	12°8	12°22	M 2
T 3	12 45 29	13°12'45	21°46	29°22	12°R24	4°57	8°14	17°23	5°25	29°37	18°1	18°43	19°11	12°15	12°26	T 3
W 4	12 49 25	14°12'16	4°25	1°Y 8	12°23	5°37	8°19	17°25	5°27	29°39	18°1	18°43	19°8	12°21	12°29	W 4
T 5	12 53 22	15°11'46	17°24	2°55	12°19	6°18	8°26	17°27	5°29	29°40	18°1	18°R43	19°5	12°28	12°32	T 5
F 6	12 57 18	16°11'13	0°14	4°44	12°13	6°58	8°32	17°29	5°31	29°42	18°2	18°43	19°1	12°35	12°36	F 6
S 7	13 1 15	17°10'37	14°38	6°34	12°5	7°38	8°38	17°31	5°32	29°44	18°2	18°43	18°58	12°41	12°39	S 7
S 8	13 5 11	18°10'00	28°53	8°25	11°54	8°18	8°45	17°33	5°34	29°45	18°2	18°43	18°55	12°48	12°43	S 8
M 9	13 9 8	19°9'20	13°33	10°18	11°41	8°58	8°51	17°35	5°35	29°47	18°2	18°D43	18°52	12°55	12°46	M 9
T 10	13 13 4	20°8'38	28°32	12°12	11°25	9°38	8°58	17°37	5°37	29°49	18°2	18°43	18°49	13°1	12°50	T 10
W 11	13 17 1	21°7'53	13°42	14°7	11°6	10°18	9°5	17°38	5°38	29°50	18°2	18°R43	18°46	13°8	12°53	W 11
T 12	13 20 57	22°7'07	28°55	16°4	10°46	10°57	9°12	17°40	5°40	29°52	18°3	18°43	18°42	13°15	12°57	T 12
F 13	13 24 54	23°6'19	14°1	18°2	10°23	11°37	9°20	17°41	5°41	29°53	18°3	18°43	18°39	13°21	13°0	F 13
S 14	13 28 51	24°5'29	28°50	20°1	9°58	12°17	9°27	17°43	5°43	29°55	18°3	18°42	18°36	13°28	13°4	S 14
S 15	13 32 47	25°4'37	13°18	22°1	9°30	12°57	9°35	17°44	5°44	29°56	18°3	18°41	18°33	13°34	13°7	S 15
M 16	13 36 44	26°3'43	27°19	24°3	9°1	13°37	9°42	17°45	5°45	29°58	18°4	18°41	18°30	13°41	13°11	M 16
T 17	13 40 40	27°2'48	10°32	26°5	8°30	14°17	9°50	17°46	5°46	29°59	18°4	18°40	18°26	13°48	13°14	T 17
W 18	13 44 37	28°1'51	23°59	28°9	7°58	14°57	9°58	17°47	5°48	0°1	18°5	18°D40	18°23	13°54	13°18	W 18
T 19	13 48 33	29°0'52	6°43	0°13	7°24	15°36	10°6	17°48	5°49	0°2	18°5	18°40	18°20	14°1	13°21	T 19
F 20	13 52 30	29°59'52	19°7	2°18	6°49	16°16	10°14	17°48	5°50	0°3	18°5	18°40	18°17	14°8	13°25	F 20
S 21	13 56 26	0°58'49	1°16	4°24	6°13	16°56	10°23	17°49	5°51	0°5	18°6	18°41	18°14	14°14	13°29	S 21
S 22	14 0 23	1°57'45	13°13	6°29	5°36	17°35	10°31	17°50	5°52	0°6	18°6	18°43	18°11	14°21	13°32	S 22
M 23	14 4 20	2°56'39	25°4	8°35	4°58	18°15	10°40	17°50	5°53	0°7	18°7	18°44	18°7	14°28	13°36	M 23
T 24	14 8 16	3°55'32	6°50	10°41	4°21	18°55	10°49	17°50	5°53	0°9	18°7	18°45	18°4	14°34	13°40	T 24
W 25	14 12 13	4°54'22	18°37	12°46	3°43	19°34	10°57	17°51	5°54	0°10	18°8	18°R45	18°1	14°41	13°43	W 25
T 26	14 16 9	5°53'11	0°26	14°50	3°6	20°14	11°6	17°51	5°55	0°11	18°8	18°45	17°58	14°48	13°47	T 26
F 27	14 20 6	6°51'58	12°20	16°54	2°29	20°53	11°15	17°R51	5°56	0°12	18°9	18°43	17°55	14°54	13°51	F 27
S 28	14 24 2	7°50'42	24°20	18°55	1°52	21°33	11°25	17°51	5°56	0°13	18°10	18°41	17°52	15°1	13°54	S 28
S 29	14 27 59	8°49'25	6°29	20°55	1°17	22°13	11°34	17°51	5°57	0°15	18°10	18°38	17°48	15°7	13°58	S 29
M 30	14 31 55	9°48'06	18°48	22°53	0°43	22°52	11°43	17°50	5°57	0°16	18°11	18°35	17°45	15°14	14°2	M 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	4n26	16n15	3s19	3s44	2s17	22n 2	6n55	21n43	0n56	23n 9	0n 3	21s29	0n45	19s23	0s33	11s50
M 2	4 49	17 43	4 6	3 1	2 16	22 9	7 0	21 51	0 57	23 9	0 3	21 29	0 45	19 23	0 33	11 49
T 3	5 12	18 22	4 44	2 18	2 14	22 14	7 5	21 59	0 57	23 9	0 3	21 29	0 45	19 22	0 33	11 49
W 4	5 35	18 8	5 8	1 34	2 12	22 18	7 10	22 6	0 57	23 8	0 3	21 28	0 45	19 22	0 33	11 48
T 5	5 58	16 58	5 18	0 49	2 9	22 21	7 14	22 14	0 58	23 8	0 3	21 28	0 45	19 22	0 33	11 48
F 6	6 21	14 50	5 11	0 4	2 6	22 23	7 18	22 21	0 58	23 8	0 3	21 28	0 45	19 21	0 33	11 47
S 7	6 43	11 49	4 46	0n43	2 3	22 24	7 21	22 28	0 59	23 7	0 3	21 28	0 45	19 21	0 33	11 47
S 8	7 6	8 1	4 3	1 31	1 58	22 23	7 24	22 35	0 59	23 7	0 3	21 27	0 45	19 20	0 33	11 46
M 9	7 28	3 37	3 4	2 19	1 54	22 21	7 27	22 41	0 59	23 7	0 3	21 27	0 45	19 20	0 33	11 45
T 10	7 51	1s 6	1 50	3 8	1 49	22 17	7 28	22 48	1 0	23 6	0 3	21 27	0 45	19 20	0 33	11 45
W 11	8 13	5 49	0 28	3 58	1 43	22 13	7 29	22 54	1 0	23 6	0 3	21 27	0 45	19 19	0 33	11 44
T 12	8 35	10 10	0n56	4 48	1 37	22 6	7 30	23 0	1 0	23 6	0 3	21 26	0 45	19 19	0 33	11 44
F 13	8 57	13 49	2 16	5 39	1 30	21 59	7 29	23 6	1 1	23 5	0 3	21 26	0 45	19 19	0 33	11 43
S 14	9 19	16 29	3 25	6 31	1 23	21 50	7 28	23 12	1 1	23 5	0 3	21 26	0 45	19 18	0 33	11 43
S 15	9 40	18 1	4 19	7 23	1 15	21 39	7 26	23 17	1 1	23 4	0 3	21 26	0 45	19 18	0 33	11 42
M 16	10 2	18 23	4 56	8 15	1 7	21 27	7 24	23 22	1 2	23 4	0 3	21 26	0 45	19 18	0 33	11 42
T 17	10 23	17 41	5 15	9 8	0 58	21 14	7 20	23 27	1 2	23 3	0 3	21 26	0 45	19 18	0 33	11 41
W 18	10 44	16 2	5 16	10 0	0 49	20 59	7 16	23 32	1 2	23 3	0 3	21 26	0 45	19 17	0 33	11 41
T 19	11 5	13 39	5 2	10 53	0 40	20 43	7 11	23 37	1 3	23 2	0 3	21 25	0 45	19 17	0 33	11 40
F 20	11 26	10 41	4 34	11 45	0 30	20 25	7 5	23 41	1 3	23 2	0 3	21 25	0 45	19 17	0 33	11 40
S 21	11 46	7 20	3 54	12 37	0 20	20 7	6 58	23 46	1 3	23 1	0 3	21 25	0 45	19 17	0 33	11 39
S 22	12 7	3 43	3 5	13 29	0 10	19 47	6 51	23 50	1 3	23 1	0 3	21 25	0 45	19 16	0 33	11 39
M 23	12 27	0 0	2 8	14 20	0n 1	19 26	6 42	23 54	1 4	23 0	0 3	21 25	0 45	19 16	0 33	11 38
T 24	12 47	3n43	1 6	15 10	0 12	19 5	6 33	23 57	1 4	23 0	0 3	21 25	0 45	19 16	0 33	11 38
W 25	13 7	7 17	0 1	15 59	0 23	18 43	6 23	24 1	1 4	22 59	0 3	21 25	0 45	19 16	0 33	11 38
T 26	13 26	10 35	1s 4	16 46	0 34	18 20	6 13	24 4	1 5	22 58	0 3	21 25	0 45	19 16	0 33	11 37
F 27	13 45	13 28	2 7	17 32	0 45	17 56	6 2	24 7	1 5	22 58	0 3	21 25	0 45	19 16	0 33	11 37
S 28	14 4	15 48	3 4	18 17	0 56	17 33	5 50	24 10	1 5	22 57	0 3	21 25	0 45	19 16	0 34	11 36
S 29	14 23	17 28	3 54	18 59	1 6	17 9	5 37	24 13	1 5	22 56	0 3	21 25	0 45	19 15	0 34	11 36
M 30	14n42	18n20	4s34	19n40	1n17	16n45	5n25	24n15	1n 6	22n55	0n 5	21s25	0n45	19s15	0s34	11s36

Julian Day Number = 2694886.5, Delta T = 24m45s

Ecliptic obliquity = 23°21'02, Nutation = 0°00'05

Ayanamsha: Fagan/Bradley = 34°03'37, Lahiri = 33°10'37

## ASTRODIENST EPHEMERIS for the year 2666

MAY 2666

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 35 52	10♈46'45	1♉19	24♊48	0°R10	23♋32	11♌53	17°R50	5♍58	0♎17	18♏12	18°R31	17♐42	15♑21	14♒5	T 1
W 2	14 39 49	11°45'22	14° 5	26°40	29♒38	24°11	12° 3	17♓49	5°58	0°18	18°12	18♑29	17°39	15°27	14° 9	W 2
T 3	14 43 45	12°43'56	27° 7	28°30	29° 9	24°50	12°12	17°49	5°59	0°19	18°13	18°27	17°36	15°34	14°13	T 3
F 4	14 47 42	13°42'28	10♊28	0♋16	28°41	25°30	12°22	17°48	5°59	0°20	18°14	18°D26	17°32	15°41	14°16	F 4
S 5	14 51 38	14°40'59	24° 9	1°58	28°15	26° 9	12°32	17°47	5°59	0°21	18°14	18°26	17°29	15°47	14°20	S 5
S 6	14 55 35	15°39'27	8♎10	3°37	27°52	26°49	12°42	17°47	6° 0	0°21	18°15	18°27	17°26	15°54	14°24	S 6
M 7	14 59 31	16°37'52	22°33	5°12	27°30	27°28	12°52	17°46	6° 0	0°22	18°16	18°29	17°23	16° 1	14°28	M 7
T 8	15 3 28	17°36'16	7♊13	6°43	27°11	28° 7	13° 3	17°45	6° 0	0°23	18°17	18°30	17°20	16° 7	14°31	T 8
W 9	15 7 24	18°34'38	22° 7	8° 9	26°54	28°47	13°13	17°43	6° 0	0°24	18°18	18°R30	17°17	16°14	14°35	W 9
T 10	15 11 21	19°32'58	7♎7	9°32	26°40	29°26	13°23	17°42	6°R 0	0°25	18°19	18°29	17°13	16°21	14°39	T 10
F 11	15 15 18	20°31'16	22° 7	10°49	26°28	0♉5	13°34	17°41	6° 0	0°26	18°19	18°26	17°10	16°27	14°42	F 11
S 12	15 19 14	21°29'32	6♊56	12° 3	26°18	0°44	13°45	17°39	6° 0	0°26	18°20	18°22	17° 7	16°34	14°46	S 12
S 13	15 23 11	22°27'47	21°27	13°11	26°11	1°24	13°55	17°38	6° 0	0°27	18°21	18°18	17° 4	16°41	14°50	S 13
M14	15 27 7	23°26'00	5♓35	14°15	26° 7	2° 3	14° 6	17°36	6° 0	0°28	18°22	18°12	17° 1	16°47	14°53	M14
T 15	15 31 4	24°24'11	19°16	15°15	26°D 5	2°42	14°17	17°35	6° 0	0°28	18°23	18° 8	16°58	16°54	14°57	T 15
W16	15 35 0	25°22'22	2♊30	16° 9	26° 5	3°21	14°28	17°33	5°59	0°29	18°24	18° 4	16°54	17° 0	15° 1	W16
T 17	15 38 57	26°20'30	15°18	16°59	26° 7	4° 0	14°39	17°31	5°59	0°29	18°25	18° 2	16°51	17° 7	15° 4	T 17
F 18	15 42 53	27°18'38	27°44	17°43	26°12	4°39	14°50	17°29	5°59	0°30	18°26	18°D 1	16°48	17°14	15° 8	F 18
S 19	15 46 50	28°16'43	9♊52	18°23	26°19	5°18	15° 1	17°27	5°58	0°30	18°27	18° 2	16°45	17°20	15°12	S 19
S 20	15 50 47	29°14'48	21°48	18°58	26°28	5°57	15°13	17°25	5°58	0°31	18°28	18° 3	16°42	17°27	15°15	S 20
M21	15 54 43	0♋12'51	3♒37	19°27	26°40	6°36	15°24	17°23	5°57	0°31	18°29	18° 5	16°38	17°34	15°19	M21
T 22	15 58 40	1°10'53	15°24	19°52	26°53	7°15	15°36	17°20	5°57	0°32	18°30	18°R 5	16°35	17°40	15°23	T 22
W23	16 2 36	2° 8'53	27°12	20°11	27° 9	7°54	15°47	17°18	5°56	0°32	18°31	18° 5	16°32	17°47	15°26	W23
T 24	16 6 33	3° 6'52	9♊5	20°25	27°26	8°33	15°59	17°15	5°56	0°32	18°32	18° 3	16°29	17°54	15°30	T 24
F 25	16 10 29	4° 4'50	21° 6	20°35	27°46	9°12	16°10	17°13	5°55	0°33	18°33	17°58	16°26	18° 0	15°33	F 25
S 26	16 14 26	5° 2'47	3♋18	20°R39	28° 7	9°51	16°22	17°10	5°54	0°33	18°35	17°52	16°23	18° 7	15°37	S 26
S 27	16 18 22	6° 0'41	15°42	20°38	28°30	10°30	16°34	17° 8	5°53	0°33	18°36	17°44	16°19	18°14	15°40	S 27
M28	16 22 19	6°58'35	28°18	20°33	28°54	11° 9	16°46	17° 5	5°53	0°33	18°37	17°35	16°16	18°20	15°44	M28
T 29	16 26 16	7°56'27	11♉7	20°23	29°21	11°48	16°58	17° 2	5°52	0°33	18°38	17°27	16°13	18°27	15°47	T 29
W30	16 30 12	8°54'17	24° 8	20° 9	29°48	12°27	17°10	16°59	5°51	0°33	18°39	17°19	16°10	18°33	15°51	W30
T 31	16 34 9	9♋52'06	7♊23	19♋51	0♌18	13♉6	17♉22	16♓56	5♍50	0♎34	18♏41	17♐13	16♑7	18♑40	15♒54	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	15n 0	18n20	5s 1	20n18	1n27	16n21	5n11	24n17	1n 6	22n55	0n 5	21s25	0n45	19s15	0s34	T 1
W 2	15 18	17 24	5 14	20 54	1 36	15 57	4 58	24 19	1 6	22 54	0 6	21 25	0 45	19 15	0 34	W 2
T 3	15 36	15 34	5 11	21 28	1 45	15 33	4 44	24 21	1 6	22 53	0 6	21 25	0 45	19 15	0 34	T 3
F 4	15 54	12 51	4 52	21 59	1 54	15 10	4 30	24 23	1 6	22 52	0 6	21 25	0 45	19 15	0 34	F 4
S 5	16 11	9 24	4 16	22 28	2 2	14 47	4 15	24 24	1 7	22 51	0 6	21 26	0 45	19 15	0 34	S 5
S 6	16 28	5 19	3 24	22 54	2 9	14 25	4 1	24 26	1 7	22 51	0 6	21 26	0 45	19 15	0 34	S 6
M 7	16 45	0 50	2 18	23 18	2 15	14 4	3 47	24 27	1 7	22 50	0 6	21 26	0 45	19 15	0 34	M 7
T 8	17 1	3s48	1 2	23 40	2 21	13 44	3 32	24 27	1 7	22 49	0 6	21 26	0 45	19 15	0 34	T 8
W 9	17 17	8 16	0n20	23 59	2 25	13 24	3 18	24 28	1 7	22 48	0 6	21 26	0 45	19 15	0 34	W 9
T 10	17 33	12 15	1 40	24 15	2 29	13 6	3 3	24 29	1 8	22 47	0 6	21 26	0 45	19 15	0 34	T 10
F 11	17 49	15 26	2 54	24 30	2 32	12 48	2 49	24 29	1 8	22 46	0 6	21 26	0 45	19 15	0 34	F 11
S 12	18 4	17 32	3 55	24 42	2 34	12 31	2 35	24 29	1 8	22 45	0 6	21 27	0 45	19 15	0 34	S 12
S 13	18 19	18 26	4 39	24 52	2 35	12 16	2 21	24 29	1 8	22 44	0 6	21 27	0 45	19 15	0 34	S 13
M14	18 34	18 10	5 5	24 59	2 35	12 1	2 7	24 28	1 8	22 43	0 7	21 27	0 45	19 15	0 34	M14
T 15	18 48	16 49	5 12	25 5	2 34	11 48	1 54	24 28	1 8	22 42	0 7	21 27	0 45	19 15	0 34	T 15
W16	19 2	14 37	5 2	25 9	2 32	11 36	1 41	24 27	1 9	22 41	0 7	21 28	0 45	19 15	0 34	W16
T 17	19 16	11 46	4 38	25 11	2 29	11 25	1 28	24 26	1 9	22 40	0 7	21 28	0 45	19 16	0 34	T 17
F 18	19 29	8 27	4 0	25 11	2 25	11 15	1 15	24 25	1 9	22 39	0 7	21 28	0 45	19 16	0 34	F 18
S 19	19 42	4 51	3 13	25 9	2 19	11 6	1 3	24 24	1 9	22 37	0 7	21 28	0 45	19 16	0 34	S 19
S 20	19 55	1 7	2 18	25 6	2 13	10 58	0 51	24 22	1 9	22 36	0 7	21 29	0 45	19 16	0 34	S 20
M21	20 7	2n38	1 18	25 1	2 5	10 51	0 39	24 20	1 9	22 35	0 7	21 29	0 45	19 16	0 34	M21
T 22	20 19	6 16	0 15	24 54	1 57	10 46	0 28	24 18	1 9	22 34	0 7	21 29	0 45	19 16	0 34	T 22
W23	20 31	9 40	0s49	24 46	1 47	10 41	0 17	24 16	1 10	22 33	0 7	21 30	0 45	19 16	0 34	W23
T 24	20 42	12 43	1 51	24 37	1 37	10 37	0 6	24 14	1 10	22 31	0 7	21 30	0 45	19 17	0 34	T 24
F 25	20 53	15 15	2 49	24 26	1 25	10 35	0s 4	24 12	1 10	22 30	0 8	21 30	0 45	19 17	0 34	F 25
S 26	21 4	17 8	3 40	24 13	1 12	10 33	0 14	24 9	1 10	22 29	0 8	21 31	0 45	19 17	0 35	S 26
S 27	21 14	18 16	4 21	24 0	0 58	10 32	0 23	24 6	1 10	22 27	0 8	21 31	0 45	19 17	0 35	S 27
M28	21 24	18 30	4 50	23 45	0 44	10 32	0 33	24 3	1 10	22 26	0 8	21 31	0 45	19 17	0 35	M28
T 29	21 33	17 49	5 5	23 29	0 29	10 33	0 42	24 0	1 10	22 24	0 8	21 32	0 45	19 18	0 35	T 29
W30	21 42	16 12	5 5	23 12	0 13	10 35	0 50	23 56	1 10	22 23	0 8	21 32	0 45	19 18	0 35	W30
T 31	21n51	13n42	4s48	22n54	0s 4	10n37	0s59	23n53	1n10	22n22	0n 8	21s33	0n45	19s18	0s35	T 31

Julian Day Number = 2694916.5, Delta T = 24m45s

Ecliptic obliquity = 23°21'01, Nutation = 0°00'04

Ayanamsha: Fagan/Bradley = 34°03'41, Lahiri = 33°10'41

# ASTRODIENST EPHEMERIS for the year 2666

JUNE 2666

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 38 5	10 <sup>II</sup> 49°53	20 <sup>Ω</sup> 50	19°R29	0 <sup>♂</sup> 48	13 <sup>♂</sup> 44	17 <sup>♂</sup> 34	16°R53	5°R49	0 <sup>♂</sup> 34	18 <sup>♂</sup> 42	17°R 9	16 <sup>♂</sup> 3	18 <sup>♂</sup> 47	15 <sup>♂</sup> 58	F 1
S 2	16 42 2	11°47'39	4 <sup>♂</sup> 31	19 <sup>II</sup> 4	1°20	14°23	17°46	16 <sup>♂</sup> 50	5 <sup>♂</sup> 48	0°R34	18°43	17 <sup>♂</sup> 7	16° 0	18°53	16° 1	S 2
S 3	16 45 58	12°45'22	18°26	18°36	1°54	15° 2	17°58	16°46	5°47	0°34	18°44	17°D 7	15°57	19° 0	16° 5	S 3
M 4	16 49 55	13°43'05	2 <sup>♂</sup> 34	18° 6	2°29	15°41	18°11	16°43	5°45	0°34	18°45	17° 7	15°54	19° 7	16° 8	M 4
T 5	16 53 51	14°40'45	16°56	17°34	3° 5	16°20	18°23	16°40	5°44	0°34	18°47	17°R 8	15°51	19°13	16°11	T 5
W 6	16 57 48	15°38'24	1 <sup>♂</sup> 27	17° 0	3°42	16°58	18°35	16°36	5°43	0°33	18°48	17° 7	15°48	19°20	16°15	W 6
T 7	17 1 45	16°36'02	16° 6	16°27	4°20	17°37	18°48	16°33	5°42	0°33	18°49	17° 4	15°44	19°27	16°18	T 7
F 8	17 5 41	17°33'39	0 <sup>♂</sup> 45	15°53	5° 0	18°16	19° 0	16°29	5°40	0°33	18°51	16°59	15°41	19°33	16°21	F 8
S 9	17 9 38	18°31'14	15°18	15°19	5°40	18°54	19°13	16°26	5°39	0°33	18°52	16°51	15°38	19°40	16°25	S 9
S 10	17 13 34	19°28'48	29°39	14°47	6°22	19°33	19°26	16°22	5°38	0°33	18°53	16°42	15°35	19°47	16°28	S 10
M11	17 17 31	20°26'21	13 <sup>♂</sup> 41	14°16	7° 4	20°12	19°38	16°18	5°36	0°32	18°55	16°32	15°32	19°53	16°31	M11
T 12	17 21 27	21°23'54	27°19	13°48	7°48	20°50	19°51	16°15	5°35	0°32	18°56	16°22	15°29	20° 0	16°34	T 12
W13	17 25 24	22°21'25	10 <sup>♂</sup> 33	13°22	8°32	21°29	20° 4	16°11	5°33	0°32	18°57	16°14	15°25	20° 7	16°37	W13
T 14	17 29 20	23°18'55	23°23	12°59	9°18	22° 7	20°16	16° 7	5°32	0°31	18°59	16° 8	15°22	20°13	16°41	T 14
F 15	17 33 17	24°16'25	5 <sup>♂</sup> 51	12°40	10° 4	22°46	20°29	16° 3	5°30	0°31	19° 0	16° 5	15°19	20°20	16°44	F 15
S 16	17 37 14	25°13'54	18° 1	12°24	10°51	23°25	20°42	15°59	5°29	0°31	19° 1	16° 3	15°16	20°26	16°47	S 16
S 17	17 41 10	26°11'22	29°58	12°13	11°39	24° 3	20°55	15°55	5°27	0°30	19° 3	16°D 3	15°13	20°33	16°50	S 17
M18	17 45 7	27° 8'50	11 <sup>♂</sup> 48	12° 5	12°27	24°42	21° 8	15°51	5°25	0°30	19° 4	16°R 3	15° 9	20°40	16°53	M18
T 19	17 49 3	28° 6'17	23°35	12°D 2	13°16	25°20	21°21	15°47	5°23	0°29	19° 6	16° 3	15° 6	20°46	16°56	T 19
W20	17 53 0	29° 3'43	5 <sup>♂</sup> 26	12° 3	14° 6	25°59	21°34	15°43	5°22	0°29	19° 7	16° 1	15° 3	20°53	16°59	W20
T 21	17 56 56	0 <sup>♂</sup> 1'09	17°24	12° 9	14°57	26°37	21°47	15°39	5°20	0°28	19° 8	15°57	15° 0	21° 0	17° 2	T 21
F 22	18 0 53	0°58'34	29°34	12°19	15°48	27°16	22° 0	15°34	5°18	0°27	19°10	15°51	14°57	21° 6	17° 5	F 22
S 23	18 4 49	1°55'59	11 <sup>II</sup> 58	12°34	16°40	27°54	22°13	15°30	5°16	0°27	19°11	15°42	14°54	21°13	17° 8	S 23
S 24	18 8 46	2°53'23	24°37	12°54	17°33	28°33	22°26	15°26	5°14	0°26	19°13	15°31	14°50	21°20	17°10	S 24
M25	18 12 43	3°50'46	7 <sup>♂</sup> 32	13°17	18°26	29°11	22°40	15°22	5°12	0°25	19°14	15°19	14°47	21°26	17°13	M25
T 26	18 16 39	4°48'09	20°42	13°46	19°19	29°49	22°53	15°17	5°10	0°25	19°16	15° 6	14°44	21°33	17°16	T 26
W27	18 20 36	5°45'31	4 <sup>♂</sup> 6	14°18	20°13	0 <sup>♂</sup> 28	23° 6	15°13	5° 8	0°24	19°17	14°55	14°41	21°40	17°19	W27
T 28	18 24 32	6°42'52	17°41	14°55	21° 8	1° 6	23°19	15° 9	5° 6	0°23	19°19	14°46	14°38	21°46	17°21	T 28
F 29	18 28 29	7°40'13	1 <sup>♂</sup> 26	15°36	22° 3	1°45	23°33	15° 4	5° 4	0°22	19°20	14°40	14°35	21°53	17°24	F 29
S 30	18 32 25	8 <sup>♂</sup> 37'32	15 <sup>♂</sup> 18	16 <sup>II</sup> 22	22 <sup>♂</sup> 59	2 <sup>♂</sup> 23	23 <sup>♂</sup> 46	15 <sup>♂</sup> 0	5 <sup>♂</sup> 2	0 <sup>♂</sup> 22	19 <sup>♂</sup> 22	14 <sup>♂</sup> 36	14 <sup>♂</sup> 31	21 <sup>♂</sup> 59	17 <sup>♂</sup> 27	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
F 1	21n59	10n27	4s16	22n35	0s21	10n40	1s 7	23n49	1n11	22n20	0n 8	21s33	0n45	19s19	0s35	F 1
S 2	22 7	6 35	3 28	22 16	0 39	10 44	1 14	23 45	1 11	22 19	0 8	21 33	0 45	19 19	0 35	S 2
S 3	22 15	2 17	2 28	21 56	0 56	10 49	1 22	23 41	1 11	22 17	0 8	21 34	0 45	19 19	0 35	S 3
M 4	22 22	2s12	1 17	21 36	1 14	10 54	1 29	23 36	1 11	22 16	0 8	21 34	0 45	19 19	0 35	M 4
T 5	22 28	6 39	0 1	21 15	1 31	11 0	1 36	23 32	1 11	22 14	0 8	21 35	0 45	19 20	0 35	T 5
W 6	22 35	10 45	1n16	20 55	1 49	11 6	1 42	23 27	1 11	22 12	0 9	21 35	0 44	19 20	0 35	W 6
T 7	22 41	14 13	2 29	20 35	2 6	11 13	1 48	23 22	1 11	22 11	0 9	21 36	0 44	19 20	0 35	T 7
F 8	22 46	16 47	3 31	20 15	2 22	11 21	1 54	23 17	1 11	22 9	0 9	21 36	0 44	19 21	0 35	F 8
S 9	22 51	18 14	4 20	19 56	2 37	11 29	2 0	23 12	1 11	22 7	0 9	21 37	0 44	19 21	0 35	S 9
S 10	22 56	18 30	4 51	19 38	2 52	11 37	2 5	23 6	1 11	22 6	0 9	21 37	0 44	19 22	0 35	S 10
M11	23 0	17 37	5 4	19 21	3 6	11 46	2 10	23 1	1 11	22 4	0 9	21 38	0 44	19 22	0 35	M11
T 12	23 4	15 44	4 59	19 5	3 18	11 55	2 15	22 55	1 11	22 2	0 9	21 38	0 44	19 22	0 35	T 12
W13	23 8	13 4	4 37	18 51	3 30	12 5	2 20	22 49	1 11	22 0	0 9	21 39	0 44	19 23	0 35	W13
T 14	23 11	9 51	4 3	18 38	3 40	12 15	2 24	22 43	1 11	21 59	0 9	21 39	0 44	19 23	0 35	T 14
F 15	23 14	6 16	3 17	18 27	3 49	12 26	2 29	22 37	1 11	21 57	0 9	21 40	0 44	19 24	0 35	F 15
S 16	23 16	2 31	2 24	18 17	3 57	12 36	2 32	22 30	1 11	21 55	0 9	21 40	0 44	19 24	0 35	S 16
S 17	23 18	1n17	1 25	18 9	4 3	12 48	2 36	22 23	1 11	21 53	0 9	21 41	0 44	19 24	0 35	S 17
M18	23 19	5 0	0 23	18 3	4 8	12 59	2 40	22 17	1 11	21 51	0 10	21 41	0 44	19 25	0 35	M18
T 19	23 20	8 30	0s40	17 59	4 12	13 10	2 43	22 10	1 11	21 49	0 10	21 42	0 44	19 25	0 35	T 19
W20	23 21	11 42	1 41	17 57	4 15	13 22	2 46	22 3	1 11	21 47	0 10	21 42	0 44	19 26	0 35	W20
T 21	23 21	14 26	2 39	17 56	4 16	13 34	2 49	21 55	1 12	21 45	0 10	21 43	0 44	19 26	0 35	T 21
F 22	23 21	16 34	3 29	17 57	4 16	13 46	2 51	21 48	1 12	21 43	0 10	21 43	0 44	19 27	0 35	F 22
S 23	23 20	17 59	4 11	18 0	4 16	13 59	2 54	21 40	1 12	21 41	0 10	21 44	0 44	19 27	0 35	S 23
S 24	23 19	18 33	4 42	18 4	4 14	14 11	2 56	21 33	1 12	21 39	0 10	21 44	0 44	19 28	0 35	S 24
M25	23 18	18 10	4 58	18 10	4 11	14 24	2 58	21 25	1 12	21 37	0 10	21 45	0 43	19 28	0 35	M25
T 26	23 16	16 49	5 0	18 17	4 7	14 36	3 0	21 17	1 12	21 35	0 10	21 46	0 43	19 29	0 35	T 26
W27	23 14	14 33	4 45	18 25	4 2	14 49	3 1	21 8	1 12	21 33	0 10	21 46	0 43	19 29	0 35	W27
T 28	23 11	11 27	4 13	18 35	3 57	15 2	3 3	21 0	1 12	21 31	0 10	21 47	0 43	19 30	0 35	T 28
F 29	23 8	7 42	3 27	18 45	3 50	15 15	3 4	20 52	1 12	21 29	0 10	21 47	0 43	19 30	0 35	F 29
S 30	23n 4	3n30	2s28	18n57	3s43	15n27	3s 5	20n43	1n11	21n26	0n11	21s48	0n43	19s31	0s35	S 30

Julian Day Number = 2694947.5, Delta T = 24m45s  
Ecliptic obliquity = 23°21'01, Nutation = 0°00'04  
Ayanamsha: Fagan/Bradley = 34°03'45, Lahiri = 33°10'45

Day	Sid.t	☉	☾	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 36 22	9 <sup>53</sup> 34'51	29 <sup>17</sup> 16	17 <sup>11</sup> 11	23 <sup>8</sup> 55	3 <sup>1</sup> 01	23 <sup>5</sup> 59	14 <sup>0</sup> R56	5 <sup>0</sup> R 0	0 <sup>0</sup> R21	19 <sup>5</sup> 23	14 <sup>0</sup> R35	14 <sup>0</sup> 28	22 <sup>1</sup> Y 6	17 <sup>8</sup> 29	S 1
M 2	18 40 18	10 <sup>3</sup> 2'09	13 <sup>1</sup> 21	18 <sup>0</sup> 4	24 <sup>5</sup> 51	3 <sup>4</sup> 40	24 <sup>0</sup> 13	14 <sup>0</sup> 51	4 <sup>0</sup> 58	0 <sup>0</sup> X20	19 <sup>0</sup> 25	14 <sup>0</sup> 35	14 <sup>0</sup> 25	22 <sup>0</sup> 13	17 <sup>0</sup> 32	M 2
T 3	18 44 15	11 <sup>2</sup> 29'26	27 <sup>3</sup> 30	19 <sup>0</sup> 2	25 <sup>0</sup> 48	4 <sup>0</sup> 18	24 <sup>2</sup> 26	14 <sup>0</sup> 47	4 <sup>0</sup> 56	0 <sup>0</sup> 19	19 <sup>0</sup> 26	14 <sup>0</sup> 35	14 <sup>0</sup> 22	22 <sup>0</sup> 19	17 <sup>0</sup> 34	T 3
W 4	18 48 12	12 <sup>2</sup> 26'42	11 <sup>1</sup> 14	20 <sup>0</sup> 3	26 <sup>0</sup> 46	4 <sup>0</sup> 56	24 <sup>3</sup> 39	14 <sup>0</sup> 42	4 <sup>0</sup> 54	0 <sup>0</sup> 18	19 <sup>0</sup> 28	14 <sup>0</sup> 33	14 <sup>0</sup> 19	22 <sup>0</sup> 26	17 <sup>0</sup> 37	W 4
T 5	18 52 8	13 <sup>2</sup> 23'58	25 <sup>5</sup> 59	21 <sup>0</sup> 8	27 <sup>0</sup> 44	5 <sup>0</sup> 35	24 <sup>5</sup> 53	14 <sup>0</sup> 38	4 <sup>0</sup> 52	0 <sup>0</sup> 17	19 <sup>0</sup> 29	14 <sup>0</sup> 29	14 <sup>0</sup> 15	22 <sup>0</sup> 33	17 <sup>0</sup> 39	T 5
F 6	18 56 5	14 <sup>0</sup> 21'14	10 <sup>0</sup> 14	22 <sup>0</sup> 17	28 <sup>0</sup> 42	6 <sup>0</sup> 13	25 <sup>0</sup> 6	14 <sup>0</sup> 33	4 <sup>0</sup> 49	0 <sup>0</sup> 16	19 <sup>0</sup> 31	14 <sup>0</sup> 23	14 <sup>0</sup> 12	22 <sup>0</sup> 39	17 <sup>0</sup> 42	F 6
S 7	19 0 1	15 <sup>0</sup> 18'28	24 <sup>2</sup> 22	23 <sup>0</sup> 30	29 <sup>0</sup> 40	6 <sup>0</sup> 51	25 <sup>0</sup> 20	14 <sup>0</sup> 29	4 <sup>0</sup> 47	0 <sup>0</sup> 15	19 <sup>0</sup> 32	14 <sup>0</sup> 13	14 <sup>0</sup> 9	22 <sup>0</sup> 46	17 <sup>0</sup> 44	S 7
S 8	19 3 58	16 <sup>0</sup> 15'43	8 <sup>0</sup> 21	24 <sup>0</sup> 46	0 <sup>0</sup> 39	7 <sup>0</sup> 30	25 <sup>0</sup> 33	14 <sup>0</sup> 25	4 <sup>0</sup> 45	0 <sup>0</sup> 14	19 <sup>0</sup> 34	14 <sup>0</sup> 2	14 <sup>0</sup> 6	22 <sup>0</sup> 53	17 <sup>0</sup> 46	S 8
M 9	19 7 54	17 <sup>0</sup> 12'57	22 <sup>0</sup> 5	26 <sup>0</sup> 6	1 <sup>0</sup> 38	8 <sup>0</sup> 8	25 <sup>0</sup> 46	14 <sup>0</sup> 20	4 <sup>0</sup> 43	0 <sup>0</sup> 13	19 <sup>0</sup> 35	13 <sup>0</sup> 50	14 <sup>0</sup> 3	22 <sup>0</sup> 59	17 <sup>0</sup> 49	M 9
T 10	19 11 51	18 <sup>0</sup> 10'11	5 <sup>0</sup> 31	27 <sup>0</sup> 29	2 <sup>0</sup> 38	8 <sup>0</sup> 46	26 <sup>0</sup> 0	14 <sup>0</sup> 16	4 <sup>0</sup> 41	0 <sup>0</sup> 12	19 <sup>0</sup> 37	13 <sup>0</sup> 39	14 <sup>0</sup> 0	23 <sup>0</sup> 6	17 <sup>0</sup> 51	T 10
W 11	19 15 48	19 <sup>0</sup> 7'25	18 <sup>0</sup> 36	28 <sup>0</sup> 56	3 <sup>0</sup> 38	9 <sup>0</sup> 24	26 <sup>0</sup> 13	14 <sup>0</sup> 11	4 <sup>0</sup> 38	0 <sup>0</sup> 11	19 <sup>0</sup> 38	13 <sup>0</sup> 28	13 <sup>0</sup> 56	23 <sup>0</sup> 13	17 <sup>0</sup> 53	W 11
T 12	19 19 44	20 <sup>0</sup> 4'38	1 <sup>0</sup> 21	0 <sup>0</sup> 27	4 <sup>0</sup> 38	10 <sup>0</sup> 3	26 <sup>0</sup> 27	14 <sup>0</sup> 7	4 <sup>0</sup> 36	0 <sup>0</sup> 10	19 <sup>0</sup> 40	13 <sup>0</sup> 21	13 <sup>0</sup> 53	23 <sup>0</sup> 19	17 <sup>0</sup> 55	T 12
F 13	19 23 41	21 <sup>0</sup> 1'52	13 <sup>0</sup> 47	2 <sup>0</sup> 1	5 <sup>0</sup> 39	10 <sup>0</sup> 41	26 <sup>0</sup> 40	14 <sup>0</sup> 3	4 <sup>0</sup> 34	0 <sup>0</sup> 8	19 <sup>0</sup> 41	13 <sup>0</sup> 15	13 <sup>0</sup> 50	23 <sup>0</sup> 26	17 <sup>0</sup> 57	F 13
S 14	19 27 37	21 <sup>0</sup> 59'06	25 <sup>0</sup> 56	3 <sup>0</sup> 39	6 <sup>0</sup> 40	11 <sup>0</sup> 19	26 <sup>0</sup> 54	13 <sup>0</sup> 58	4 <sup>0</sup> 31	0 <sup>0</sup> 7	19 <sup>0</sup> 43	13 <sup>0</sup> 12	13 <sup>0</sup> 47	23 <sup>0</sup> 33	17 <sup>0</sup> 59	S 14
S 15	19 31 34	22 <sup>0</sup> 56'19	7 <sup>0</sup> Y53	5 <sup>0</sup> 19	7 <sup>0</sup> 41	11 <sup>0</sup> 57	27 <sup>0</sup> 7	13 <sup>0</sup> 54	4 <sup>0</sup> 29	0 <sup>0</sup> 6	19 <sup>0</sup> 44	13 <sup>0</sup> 11	13 <sup>0</sup> 44	23 <sup>0</sup> 39	18 <sup>0</sup> 1	S 15
M 16	19 35 30	23 <sup>0</sup> 53'34	19 <sup>0</sup> 44	7 <sup>0</sup> 3	8 <sup>0</sup> 43	12 <sup>0</sup> 35	27 <sup>0</sup> 21	13 <sup>0</sup> 49	4 <sup>0</sup> 27	0 <sup>0</sup> 5	19 <sup>0</sup> 46	13 <sup>0</sup> 11	13 <sup>0</sup> 41	23 <sup>0</sup> 46	18 <sup>0</sup> 3	M 16
T 17	19 39 27	24 <sup>0</sup> 50'48	1 <sup>0</sup> 32	8 <sup>0</sup> 51	9 <sup>0</sup> 44	13 <sup>0</sup> 14	27 <sup>0</sup> 34	13 <sup>0</sup> 45	4 <sup>0</sup> 24	0 <sup>0</sup> 4	19 <sup>0</sup> 47	13 <sup>0</sup> 11	13 <sup>0</sup> 37	23 <sup>0</sup> 52	18 <sup>0</sup> 5	T 17
W 18	19 43 23	25 <sup>0</sup> 48'03	13 <sup>0</sup> 25	10 <sup>0</sup> 41	10 <sup>0</sup> 47	13 <sup>0</sup> 52	27 <sup>0</sup> 48	13 <sup>0</sup> 41	4 <sup>0</sup> 22	0 <sup>0</sup> 2	19 <sup>0</sup> 49	13 <sup>0</sup> 10	13 <sup>0</sup> 34	23 <sup>0</sup> 59	18 <sup>0</sup> 7	W 18
T 19	19 47 20	26 <sup>0</sup> 45'18	25 <sup>0</sup> 26	12 <sup>0</sup> 34	11 <sup>0</sup> 49	14 <sup>0</sup> 30	28 <sup>0</sup> 2	13 <sup>0</sup> 37	4 <sup>0</sup> 19	0 <sup>0</sup> 1	19 <sup>0</sup> 50	13 <sup>0</sup> 7	13 <sup>0</sup> 31	24 <sup>0</sup> 6	18 <sup>0</sup> 9	T 19
F 20	19 51 17	27 <sup>0</sup> 42'33	7 <sup>0</sup> II4	14 <sup>0</sup> 30	12 <sup>0</sup> 52	15 <sup>0</sup> 8	28 <sup>0</sup> 15	13 <sup>0</sup> 32	4 <sup>0</sup> 17	29 <sup>0</sup> 59	19 <sup>0</sup> 52	13 <sup>0</sup> 1	13 <sup>0</sup> 28	24 <sup>0</sup> 12	18 <sup>0</sup> 11	F 20
S 21	19 55 13	28 <sup>0</sup> 39'49	20 <sup>0</sup> 13	16 <sup>0</sup> 28	13 <sup>0</sup> 54	15 <sup>0</sup> 46	28 <sup>0</sup> 29	13 <sup>0</sup> 28	4 <sup>0</sup> 15	29 <sup>0</sup> 58	19 <sup>0</sup> 53	12 <sup>0</sup> 53	13 <sup>0</sup> 25	24 <sup>0</sup> 19	18 <sup>0</sup> 12	S 21
S 22	19 59 10	29 <sup>0</sup> 37'05	3 <sup>0</sup> 5	18 <sup>0</sup> 29	14 <sup>0</sup> 58	16 <sup>0</sup> 24	28 <sup>0</sup> 42	13 <sup>0</sup> 24	4 <sup>0</sup> 12	29 <sup>0</sup> 57	19 <sup>0</sup> 55	12 <sup>0</sup> 43	13 <sup>0</sup> 21	24 <sup>0</sup> 26	18 <sup>0</sup> 14	S 22
M 23	20 3 6	0 <sup>0</sup> 34'21	16 <sup>0</sup> 16	20 <sup>0</sup> 32	16 <sup>0</sup> 1	17 <sup>0</sup> 3	28 <sup>0</sup> 56	13 <sup>0</sup> 20	4 <sup>0</sup> 10	29 <sup>0</sup> 56	19 <sup>0</sup> 56	12 <sup>0</sup> 32	13 <sup>0</sup> 18	24 <sup>0</sup> 32	18 <sup>0</sup> 16	M 23
T 24	20 7 3	1 <sup>0</sup> 31'37	29 <sup>0</sup> 47	22 <sup>0</sup> 36	17 <sup>0</sup> 4	17 <sup>0</sup> 41	29 <sup>0</sup> 9	13 <sup>0</sup> 16	4 <sup>0</sup> 7	29 <sup>0</sup> 54	19 <sup>0</sup> 58	12 <sup>0</sup> 21	13 <sup>0</sup> 15	24 <sup>0</sup> 39	18 <sup>0</sup> 17	T 24
W 25	20 10 59	2 <sup>0</sup> 28'54	13 <sup>0</sup> 34	24 <sup>0</sup> 42	18 <sup>0</sup> 8	18 <sup>0</sup> 19	29 <sup>0</sup> 23	13 <sup>0</sup> 12	4 <sup>0</sup> 5	29 <sup>0</sup> 53	19 <sup>0</sup> 59	12 <sup>0</sup> 10	13 <sup>0</sup> 12	24 <sup>0</sup> 46	18 <sup>0</sup> 19	W 25
T 26	20 14 56	3 <sup>0</sup> 26'11	27 <sup>0</sup> 34	26 <sup>0</sup> 49	19 <sup>0</sup> 12	18 <sup>0</sup> 57	29 <sup>0</sup> 36	13 <sup>0</sup> 8	4 <sup>0</sup> 3	29 <sup>0</sup> 52	20 <sup>0</sup> 0	12 <sup>0</sup> 2	13 <sup>0</sup> 9	24 <sup>0</sup> 52	18 <sup>0</sup> 20	T 26
F 27	20 18 52	4 <sup>0</sup> 23'28	11 <sup>0</sup> 42	28 <sup>0</sup> 57	20 <sup>0</sup> 16	19 <sup>0</sup> 35	29 <sup>0</sup> 50	13 <sup>0</sup> 4	4 <sup>0</sup> 0	29 <sup>0</sup> 50	20 <sup>0</sup> 2	11 <sup>0</sup> 56	13 <sup>0</sup> 6	24 <sup>0</sup> 59	18 <sup>0</sup> 22	F 27
S 28	20 22 49	5 <sup>0</sup> 20'46	25 <sup>0</sup> 55	1 <sup>0</sup> 5	21 <sup>0</sup> 21	20 <sup>0</sup> 13	0 <sup>0</sup> 3	13 <sup>0</sup> 0	3 <sup>0</sup> 58	29 <sup>0</sup> 49	20 <sup>0</sup> 3	11 <sup>0</sup> 53	13 <sup>0</sup> 2	25 <sup>0</sup> 6	18 <sup>0</sup> 23	S 28
S 29	20 26 46	6 <sup>0</sup> 18'03	10 <sup>0</sup> 9	3 <sup>0</sup> 14	22 <sup>0</sup> 26	20 <sup>0</sup> 51	0 <sup>0</sup> 17	12 <sup>0</sup> 56	3 <sup>0</sup> 55	29 <sup>0</sup> 47	20 <sup>0</sup> 5	11 <sup>0</sup> D52	12 <sup>0</sup> 59	25 <sup>0</sup> 12	18 <sup>0</sup> 24	S 29
M 30	20 30 42	7 <sup>0</sup> 15'20	24 <sup>0</sup> 21	5 <sup>0</sup> 22	23 <sup>0</sup> 30	21 <sup>0</sup> 30	0 <sup>0</sup> 30	12 <sup>0</sup> 52	3 <sup>0</sup> 53	29 <sup>0</sup> 46	20 <sup>0</sup> 6	11 <sup>0</sup> 53	12 <sup>0</sup> 56	25 <sup>0</sup> 19	18 <sup>0</sup> 26	M 30
T 31	20 34 39	8 <sup>0</sup> 12'38	8 <sup>0</sup> 30	7 <sup>0</sup> 31	24 <sup>0</sup> 35	22 <sup>0</sup> 3	0 <sup>0</sup> 44	12 <sup>0</sup> 48	3 <sup>0</sup> 51	29 <sup>0</sup> 44	20 <sup>0</sup> 8	11 <sup>0</sup> R53	12 <sup>0</sup> 53	25 <sup>0</sup> Y26	18 <sup>0</sup> 27	T 31

Day	☾	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	23n 0	0s56	1s20	19n10	3s35	15n40	3 s 6	20n34	1n11	21n24	0n11	21s48	0n43	19s31	0s36	11s35	0s18	19n 5	2s54	5s44	5s41	7n56	15n22	1 s41			
M 2	22 56	5 21	0 7	19 23	3 27	15 53	3 7	20 25	1 11	21 22	0 11	21 49	0 43	19 32	0 36	11 35	0 18	19 5	2 54	5 44	5 40	7 58	15 23	1 41			
T 3	22 51	9 29	1n 8	19 37	3 18	16 6	3 8	20 16	1 11	21 20	0 11	21 49	0 43	19 32	0 36	11 36	0 18	19 5	2 54	5 43	5 39	8 0	15 23	1 41			
W 4	22 46	13 6	2 18	19 51	3 8	16 18	3 8	20 7	1 11	21 17	0 11	21 50	0 43	19 33	0 36	11 36	0 18	19 5	2 54	5 43	5 37	8 1	15 24	1 41			
T 5	22 41	15 56	3 20	20 5	2 58	16 31	3 9	19 58	1 11	21 15	0 11	21 51	0 43	19 33	0 36	11 36	0 18	19 4	2 54	5 41	5 36	8 3	15 25	1 42			
F 6	22 35	17 47	4 10	20 20	2 48	16 43	3 9	19 48	1 11	21 13	0 11	21 51	0 43	19 34	0 36	11 37	0 18	19 4	2 54	5 39	5 35	8 5	15 25	1 42			
S 7	22 29	18 31	4 43	20 35	2 37	16 56	3 9	19 38	1 11	21 11	0 11	21 52	0 43	19 34	0 36	11 37	0 18	19 4	2 54	5 35	5 34	8 6	15 26	1 42			
S 8	22 22	18 7	4 59	20 50	2 25	17 8	3 9	19 29	1 11	21 8	0 11	21 52	0 42	19 35	0 36	11 38	0 18	19 4	2 54	5 31	5 32	8 8	15 26	1 42			
M 9	22 15	16 39	4 58	21 4	2 14	17 20	3 8	19 19	1 11	21 6	0 11	21 53	0 42	19 35	0 36	11 38	0 18	19 4	2 54	5 26	5 31	8 10	15 27	1 42			
T 10	22 7	14 18	4 39	21 18	2 2	17 32	3 8	19 9	1 11	21 3	0 11	21 53	0 42	19 36	0 36	11 38	0 18	19 4	2 53	5 22	5 30	8 11	15 27	1 42			
W11	22 0	11 17	4 7	21 31	1 50	17 44	3 7	18 59	1 11	21 1	0 11	21 54	0 42	19 37	0 36	11 39	0 18	19 4	2 53	5 18	5 29	8 13	15 27	1 42			
T 12	21 51	7 48	3 22	21 44	1 37	17 55	3 7	18 48	1 11	20 58	0 12	21 54	0 42	19 37	0 36	11 39	0 18	19 3	2 53	5 15	5 28	8 14	15 28	1 43			
F 13	21 43	4 4	2 29	21 55	1 25	18 7	3 6	18 38	1 11	20 56	0 12	21 55	0 42	19 38	0 36	11 40	0 18	19 3	2 53	5 13	5 26	8 16	15 28	1 43			
S 14	21 34	0 14	1 30	22 6	1 12	18 18	3 5	18 27	1 11	20 53	0 12	21 56	0 42	19 38	0 36	11 40	0 18	19 3	2 53	5 12	5 25	8 18	15 29	1 43			
S 15	21 24	3n33	0 28	22 15	0 10	18 29	3 4	18 17	1 11	20 51	0 12	21 56	0 42	19 39	0 36	11 40	0 18	19 3	2 53	5 11	5 24	8 19	15 29	1 43			
M16	21 15	7 3	0s35	22 23	0 47	18 40	3 3	18 6	1 11	20 48	0 12	21 57	0 42	19 39	0 36	11 41	0 18	19 3	2 53	5 11	5 23	8 21	15 30	1 43			
T 17	21 5	10 28	1 36	22 29	0 35	18 50	3 2	17 55	1 11	20 46	0 12	21 57	0 42	19 40	0 36	11 41	0 18	19 3	2 53	5 11	5 21	8 23	15 30	1 43			
W18	20 54	13 22	2 33	22 33	0 22	19 0	3 0	17 44	1 11	20 43	0 12	21 58	0 42	19 41	0 36	11 42	0 18	19 2	2 53	5 11	5 20	8 24	15 30	1 44			
T 19	20 44	15 44	3 24	22 35	0 10	19 10	2 59	17 33	1 11	20 41	0 12	21 58	0 41	19 41	0 36	11 42	0 18	19 2	2 53	5 10	5 19	8 26	15 31	1 44			
F 20	20 33	17 27	4 7	22 35	0n 1	19 19	2 57	17 22	1 11	20 38	0 12	21 59	0 41	19 42	0 36	11 43	0 18	19 2	2 53	5 7	5 18	8 27	15 31	1 44			
S 21	20 21	18 21	4 39	22 33	0 13	19 29	2 56	17 10	1 10	20 35	0 12	21 59	0 41	19 42	0 36	11 43	0 18	19 2	2 53	5 4	5 16	8 29	15 31	1 44			
S 22	20 9	18 21	4 58	22 28	0 24	19 38	2 54	16 59	1 10	20 33	0 12	22 0	0 41	19 43	0 36	11 44	0 18	19 2	2 53	5 0	5 15	8 31	15 32	1 44			
M23	19 57	17 22	5 2	22 21	0 34	19 46	2 52	16 47	1 10	20 30	0 13	22 0	0 41	19 43	0 36	11 44	0 18	19 2	2 53	4 56	5 14	8 32	15 32	1 44			
T 24	19 45	15 25	4 49	22 11	0 44	19 54	2 50	16 36	1 10	20 27	0 13	22 1	0 41	19 44	0 36	11 45	0 18	19 1	2 53	4 52	5 13	8 34	15 32	1 44			
W25	19 32	12 33	4 19	21 59	0 53	20 2	2 48	16 24	1 10	20 25	0 13	22 1	0 41	19 45	0 36	11 45	0 18	19 1	2 53	4 48	5 12	8 36	15 32	1 45			
T 26	19 19	8 56	3 33	21 44	1 2	20 10	2 46	16 12	1 10	20 22	0 13	22 2	0 41	19 45	0 36	11 46	0 18	19 1	2 53	4 44	5 10	8 37	15 33	1 45			
F 27	19 5	4 47	2 33	21 26	1 10	20 17	2 44	16 0	1 10	20 19	0 13	22 2	0 41	19 46	0 36	11 46	0 18	19 1	2 53	4 42	5 9	8 39	15 33	1 45			
S 28	18 52	0 20	1 24	21 6	1 17	20 23	2 41	15 48	1 10	20 17	0 13	22 3	0 40	19 46	0 36	11 47	0 18	19 1	2 53	4 41	5 8	8 40	15 33	1 45			
S 29	18 38	4s 9	0 9	20 43	1 23	20 30	2 39	15 35	1 10	20 14	0 13	22 3	0 40	19 47	0 36	11 47	0 18	19 1	2 53	4 41	5 7	8 42	15 33	1 45			
M30	18 38	8 23	1n 6	20 18	1 29	20 35	2 36	15 23	1 10	20 11	0 13	22 4	0 40	19 48	0 36	11 48	0 18	19 0	2 53	4 41	5 5	8 44	15 33	1 45			
T 31	18n 9	12s 7	2n17	19n50	1n34	20n41	2s34	15n11	1n10	20n 8	0n13	22s 4	0n40	19s48	0s36	11s48	0s18	19n 0	2s52	4s41	5s 4	8n45	15n34	1s46			

## ASTRODIENST EPHEMERIS for the year 2666

AUGUST 2666

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 38 35	9♌ 9°56	22♍34	9♌38	25♍41	22♌46	0♌57	12°R44	3°R48	29°R43	20♌9	11°R52	12♌50	25°Y32	18♌28	W 1
T 2	20 42 32	10° 7'14	6♌34	11°45	26°46	23°24	1°10	12♌41	3♌46	29°R41	20°11	11♌50	12°47	25°39	18°29	T 2
F 3	20 46 28	11° 4'32	20°26	13°51	27°51	24° 2	1°24	12°37	3°43	29°40	20°12	11°44	12°43	25°45	18°30	F 3
S 4	20 50 25	12° 1'51	4♌10	15°56	28°57	24°40	1°37	12°33	3°41	29°38	20°13	11°37	12°40	25°52	18°31	S 4
S 5	20 54 21	12°59'10	17°43	18° 0	0♌ 3	25°18	1°51	12°30	3°39	29°37	20°15	11°28	12°37	25°59	18°32	S 5
M 6	20 58 18	13°56'29	1♌ 4	20° 2	1° 9	25°56	2° 4	12°27	3°36	29°35	20°16	11°19	12°34	26° 5	18°33	M 6
T 7	21 2 15	14°53'49	14° 9	22° 3	2°15	26°34	2°17	12°23	3°34	29°34	20°18	11° 9	12°31	26°12	18°34	T 7
W 8	21 6 11	15°51'10	26°58	24° 2	3°22	27°13	2°31	12°20	3°32	29°32	20°19	11° 1	12°27	26°19	18°35	W 8
T 9	21 10 8	16°48'31	9♌32	26° 0	4°28	27°51	2°44	12°17	3°29	29°30	20°20	10°55	12°24	26°25	18°36	T 9
F 10	21 14 4	17°45'53	21°50	27°56	5°35	28°29	2°57	12°13	3°27	29°29	20°22	10°51	12°21	26°32	18°36	F 10
S 11	21 18 1	18°43'16	3°Y55	29°51	6°42	29° 7	3°10	12°10	3°25	29°27	20°23	10°49	12°18	26°39	18°37	S 11
S 12	21 21 57	19°40'40	15°50	1♌43	7°49	29°45	3°24	12° 7	3°22	29°26	20°25	10°D49	12°15	26°45	18°37	S 12
M13	21 25 54	20°38'05	27°40	3°35	8°56	0♌23	3°37	12° 4	3°20	29°24	20°26	10°50	12°12	26°52	18°38	M13
T 14	21 29 50	21°35'31	9♌28	5°25	10° 4	1° 1	3°50	12° 1	3°18	29°22	20°27	10°51	12° 8	26°59	18°38	T 14
W15	21 33 47	22°32'59	21°21	7°13	11°11	1°39	4° 3	11°58	3°15	29°21	20°28	10°R51	12° 5	27° 5	18°39	W15
T 16	21 37 43	23°30'27	3♌23	8°59	12°19	2°17	4°16	11°56	3°13	29°19	20°30	10°51	12° 2	27°12	18°39	T 16
F 17	21 41 40	24°27'57	15°39	10°44	13°27	2°55	4°29	11°53	3°11	29°18	20°31	10°49	11°59	27°19	18°40	F 17
S 18	21 45 37	25°25'28	28°14	12°27	14°35	3°33	4°42	11°50	3° 9	29°16	20°32	10°45	11°56	27°25	18°40	S 18
S 19	21 49 33	26°23'00	11♌11	14° 9	15°43	4°11	4°55	11°48	3° 7	29°14	20°34	10°39	11°53	27°32	18°40	S 19
M20	21 53 30	27°20'34	24°31	15°49	16°51	4°50	5° 8	11°45	3° 5	29°13	20°35	10°32	11°49	27°39	18°40	M20
T 21	21 57 26	28°18'08	8♌15	17°28	17°59	5°28	5°21	11°43	3° 2	29°11	20°36	10°25	11°46	27°45	18°40	T 21
W22	22 1 23	29°15'44	22°21	19° 5	19° 8	6° 6	5°34	11°41	3° 0	29° 9	20°37	10°19	11°43	27°52	18°R40	W22
T 23	22 5 19	0♌13'21	6♌43	20°40	20°16	6°44	5°47	11°39	2°58	29° 8	20°39	10°14	11°40	27°58	18°40	T 23
F 24	22 9 16	1°10'59	21°16	22°14	21°25	7°22	6° 0	11°36	2°56	29° 6	20°40	10°11	11°37	28° 5	18°40	F 24
S 25	22 13 12	2° 8'38	5♌53	23°47	22°34	8° 0	6°13	11°34	2°54	29° 4	20°41	10°D10	11°33	28°12	18°40	S 25
S 26	22 17 9	3° 6'18	20°29	25°17	23°43	8°38	6°26	11°32	2°52	29° 3	20°42	10°10	11°30	28°18	18°40	S 26
M27	22 21 6	4° 3'58	4♌59	26°47	24°52	9°16	6°38	11°31	2°50	29° 1	20°43	10°11	11°27	28°25	18°40	M27
T 28	22 25 2	5° 1'40	19°18	28°14	26° 1	9°54	6°51	11°29	2°48	29° 0	20°44	10°12	11°24	28°32	18°39	T 28
W29	22 28 59	5°59'23	3♌25	29°40	27°10	10°33	7° 3	11°27	2°46	28°58	20°46	10°R13	11°21	28°38	18°39	W29
T 30	22 32 55	6°57'07	17°19	1♌ 5	28°20	11°11	7°16	11°26	2°45	28°56	20°47	10°R13	11°18	28°45	18°39	T 30
F 31	22 36 52	7♌54'52	0♌58	2♌28	29°29	11♌49	7♌29	11♌24	2♌43	28°55	20°48	10♌11	11♌14	28°Y52	18♌38	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	17n54	15s 8	3n19	19n21	1n38	20n46	2s31	14n58	1n 9	20n 5	0n13	22s 5	0n40	19s49	0s36	W 1
T 2	17 39	17 14	4 9	18 49	1 41	20 50	2 28	14 46	1 9	20 3	0 13	22 5	0 40	19 49	0 36	T 2
F 3	17 23	18 17	4 44	18 16	1 44	20 54	2 26	14 33	1 9	20 0	0 14	22 6	0 40	19 50	0 36	F 3
S 4	17 7	18 15	5 2	17 41	1 45	20 58	2 23	14 20	1 9	19 57	0 14	22 6	0 40	19 50	0 36	S 4
S 5	16 51	17 10	5 3	17 4	1 46	21 1	2 20	14 7	1 9	19 54	0 14	22 7	0 40	19 51	0 36	S 5
M 6	16 35	15 10	4 47	16 26	1 47	21 4	2 17	13 54	1 9	19 51	0 14	22 7	0 39	19 51	0 36	M 6
T 7	16 18	12 26	4 16	15 47	1 46	21 6	2 14	13 41	1 9	19 48	0 14	22 7	0 39	19 52	0 36	T 7
W 8	16 2	9 8	3 33	15 7	1 45	21 7	2 11	13 28	1 9	19 45	0 14	22 8	0 39	19 53	0 36	W 8
T 9	15 44	5 30	2 40	14 26	1 43	21 9	2 8	13 15	1 9	19 42	0 14	22 8	0 39	19 53	0 36	T 9
F 10	15 27	1 41	1 40	13 44	1 41	21 9	2 5	13 2	1 8	19 39	0 14	22 9	0 39	19 54	0 36	F 10
S 11	15 9	2n 7	0 37	13 1	1 38	21 9	2 2	12 48	1 8	19 36	0 14	22 9	0 39	19 54	0 36	S 11
S 12	14 52	5 47	0s27	12 18	1 35	21 9	1 58	12 35	1 8	19 33	0 14	22 9	0 39	19 55	0 36	S 12
M13	14 34	9 12	1 30	11 34	1 31	21 8	1 55	12 21	1 8	19 31	0 15	22 10	0 39	19 55	0 36	M13
T 14	14 15	12 14	2 29	10 50	1 27	21 7	1 52	12 8	1 8	19 28	0 15	22 10	0 38	19 56	0 36	T 14
W15	13 57	14 47	3 21	10 6	1 22	21 5	1 48	11 54	1 8	19 25	0 15	22 11	0 38	19 56	0 36	W15
T 16	13 38	16 44	4 6	9 21	1 17	21 2	1 45	11 40	1 8	19 22	0 15	22 11	0 38	19 57	0 36	T 16
F 17	13 19	17 56	4 40	8 37	1 11	20 59	1 42	11 27	1 7	19 19	0 15	22 11	0 38	19 57	0 36	F 17
S 18	13 0	18 18	5 2	7 52	1 5	20 56	1 38	11 13	1 7	19 16	0 15	22 12	0 38	19 58	0 36	S 18
S 19	12 41	17 45	5 9	7 7	0 59	20 52	1 35	10 59	1 7	19 13	0 15	22 12	0 38	19 58	0 36	S 19
M20	12 21	16 12	5 0	6 22	0 52	20 47	1 31	10 45	1 7	19 10	0 15	22 12	0 38	19 59	0 36	M20
T 21	12 1	13 43	4 34	5 38	0 45	20 42	1 28	10 31	1 7	19 6	0 15	22 13	0 38	19 59	0 36	T 21
W22	11 41	10 22	3 51	4 53	0 38	20 36	1 24	10 16	1 7	19 3	0 15	22 13	0 37	20 0	0 36	W22
T 23	11 21	6 21	2 52	4 9	0 30	20 30	1 20	10 2	1 6	19 0	0 16	22 13	0 37	20 0	0 36	T 23
F 24	11 1	1 54	1 41	3 25	0 22	20 23	1 17	9 48	1 6	18 57	0 16	22 14	0 37	20 1	0 36	F 24
S 25	10 40	2s41	0 23	2 41	0 14	20 16	1 13	9 34	1 6	18 54	0 16	22 14	0 37	20 1	0 36	S 25
S 26	10 20	7 6	0s56	1 58	0 6	20 8	1 10	9 19	1 6	18 51	0 16	22 14	0 37	20 2	0 36	S 26
M27	9 59	11 4	2 11	1 15	0s 2	19 59	1 6	9 5	1 6	18 48	0 16	22 15	0 37	20 2	0 36	M27
T 28	9 38	14 19	3 18	0 32	0 11	19 51	1 3	8 50	1 6	18 45	0 16	22 15	0 37	20 2	0 36	T 28
W29	9 17	16 39	4 11	0s10	0 20	19 41	0 59	8 36	1 5	18 42	0 16	22 15	0 37	20 3	0 36	W29
T 30	8 56	17 58	4 48	0 52	0 28	19 31	0 55	8 21	1 5	18 39	0 16	22 15	0 36	20 3	0 36	T 30
F 31	8n34	18s12	5n 9	1s33	0s37	19n20	0s52	8n 7	1n 5	18n36	0n16	22s16	0n36	20s 4	0s36	F 31

Julian Day Number = 2695008.5, Delta T = 24m46s

Ecliptic obliquity = 23°21'01, Nutation = 0°00'05

Ayanamsha: Fagan/Bradley = 34°03'54, Lahiri = 33°10'54

## ASTRODIENST EPHEMERIS for the year 2666

SEPTEMBER 2666

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 40 48	8♎52°38	14♏23	3♏49	0♏39	12♎27	7♏41	11°R23	2°R41	28°R53	20♏49	10°R 8	11♏11	28°Y58	18°R38	S 1
S 2	22 44 45	9°50'25	27°34	5° 8	1°49	13° 5	7°53	11♏21	2♏39	28♏51	20°50	10♏ 3	11° 8	29° 5	18♏37	S 2
M 3	22 48 41	10°48'13	10♏32	6°26	2°58	13°43	8° 6	11°20	2°37	28°50	20°51	9°59	11° 5	29°12	18°37	M 3
T 4	22 52 38	11°46'03	23°15	7°42	4° 8	14°21	8°18	11°19	2°36	28°48	20°52	9°54	11° 2	29°18	18°36	T 4
W 5	22 56 35	12°43'54	5♏46	8°56	5°18	14°59	8°30	11°18	2°34	28°47	20°53	9°50	10°58	29°25	18°35	W 5
T 6	23 0 31	13°41'46	18° 5	10° 8	6°29	15°38	8°42	11°17	2°32	28°45	20°54	9°47	10°55	29°32	18°34	T 6
F 7	23 4 28	14°39'39	0°Y13	11°18	7°39	16°16	8°55	11°16	2°31	28°44	20°55	9°46	10°52	29°38	18°34	F 7
S 8	23 8 24	15°37'35	12°11	12°26	8°49	16°54	9° 7	11°16	2°29	28°42	20°56	9°D45	10°49	29°45	18°33	S 8
S 9	23 12 21	16°35'31	24° 3	13°32	10° 0	17°32	9°19	11°15	2°28	28°40	20°57	9°46	10°46	29°52	18°32	S 9
M10	23 16 17	17°33'30	5♏51	14°36	11°10	18°10	9°30	11°14	2°26	28°39	20°58	9°47	10°43	29°58	18°31	M10
T 11	23 20 14	18°31'30	17°39	15°37	12°21	18°48	9°42	11°14	2°25	28°37	20°59	9°49	10°39	0♏ 5	18°30	T 11
W12	23 24 10	19°29'32	29°32	16°35	13°32	19°27	9°54	11°14	2°23	28°36	21° 0	9°51	10°36	0°11	18°29	W12
T 13	23 28 7	20°27'36	11♏33	17°31	14°43	20° 5	10° 6	11°13	2°22	28°34	21° 0	9°52	10°33	0°18	18°27	T 13
F 14	23 32 4	21°25'42	23°48	18°24	15°53	20°43	10°18	11°13	2°21	28°33	21° 1	9°R52	10°30	0°25	18°26	F 14
S 15	23 36 0	22°23'50	6♏20	19°14	17° 5	21°21	10°29	11°D13	2°19	28°31	21° 2	9°51	10°27	0°31	18°25	S 15
S 16	23 39 57	23°22'00	19°15	20° 1	18°16	21°59	10°41	11°13	2°18	28°30	21° 3	9°50	10°24	0°38	18°24	S 16
M17	23 43 53	24°20'11	2♏35	20°44	19°27	22°38	10°52	11°13	2°17	28°29	21° 4	9°48	10°20	0°45	18°22	M17
T 18	23 47 50	25°18'25	16°21	21°24	20°38	23°16	11° 4	11°13	2°16	28°27	21° 5	9°46	10°17	0°51	18°21	T 18
W19	23 51 46	26°16'40	0♎33	22° 0	21°50	23°54	11°15	11°14	2°15	28°26	21° 5	9°45	10°14	0°58	18°20	W19
T 20	23 55 43	27°14'58	15° 7	22°31	23° 1	24°32	11°26	11°14	2°14	28°24	21° 6	9°43	10°11	1° 5	18°18	T 20
F 21	23 59 39	28°13'17	29°57	22°58	24°13	25°11	11°37	11°15	2°13	28°23	21° 7	9°42	10° 8	1°11	18°17	F 21
S 22	0 3 36	29°11'37	14♏56	23°20	25°24	25°49	11°48	11°15	2°12	28°22	21° 7	9°D42	10° 4	1°18	18°15	S 22
S 23	0 7 32	0♏10'00	29°55	23°37	26°36	26°27	11°59	11°16	2°11	28°20	21° 8	9°43	10° 1	1°25	18°13	S 23
M24	0 11 29	1° 8'24	14♎47	23°48	27°48	27° 6	12°10	11°17	2°10	28°19	21° 9	9°43	9°58	1°31	18°12	M24
T 25	0 15 26	2° 6'50	29°25	23°R53	29° 0	27°44	12°21	11°18	2° 9	28°18	21° 9	9°44	9°55	1°38	18°10	T 25
W26	0 19 22	3° 5'17	13♏44	23°52	0♎12	28°22	12°32	11°19	2° 8	28°16	21°10	9°45	9°52	1°45	18° 8	W26
T 27	0 23 19	4° 3'46	27°42	23°45	1°24	29° 0	12°42	11°20	2° 8	28°15	21°11	9°45	9°49	1°51	18° 6	T 27
F 28	0 27 15	5° 2'16	11♏19	23°31	2°36	29°39	12°53	11°21	2° 7	28°14	21°11	9°R45	9°45	1°58	18° 4	F 28
S 29	0 31 12	6° 0'48	24°34	23°10	3°48	0♏17	13° 3	11°23	2° 6	28°13	21°12	9°45	9°42	2° 5	18° 3	S 29
S 30	0 35 8	6♏59'22	7♏31	22♏42	5♎ 1	0♏55	13♏14	11♏24	2♏ 6	28♏12	21♏12	9♏45	9♏39	2♏11	18♏ 1	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	8n13	17s24	5n12	2s13	0s46	19n 9	0s48	7n52	1n 5	18n33	0n17	22s16	0n36	20s 4	0s36	12s 6	0s18	18n55	2s52	4s 0	4s25	9n36	15n31	1s51						
S 2	7 51	15 41	4 58	2 53	0 56	18 58	0 44	7 37	1 5	18 30	0 17	22 16	0 36	20 4	0 36	12 7	0 19	18 55	2 52	3 58	4 23	9 37	15 31	1 51						
M 3	7 29	13 12	4 30	3 32	1 5	18 45	0 41	7 22	1 5	18 27	0 17	22 16	0 36	20 5	0 36	12 8	0 19	18 55	2 52	3 56	4 22	9 39	15 31	1 52						
T 4	7 7	10 7	3 48	4 11	1 14	18 33	0 37	7 8	1 4	18 24	0 17	22 17	0 36	20 5	0 36	12 8	0 19	18 54	2 52	3 54	4 21	9 40	15 30	1 52						
W 5	6 45	6 38	2 56	4 48	1 23	18 20	0 34	6 53	1 4	18 21	0 17	22 17	0 36	20 6	0 36	12 9	0 19	18 54	2 52	3 53	4 20	9 42	15 30	1 52						
T 6	6 23	2 54	1 57	5 25	1 33	18 6	0 30	6 38	1 4	18 18	0 17	22 17	0 35	20 6	0 36	12 9	0 19	18 54	2 52	3 52	4 18	9 43	15 29	1 52						
F 7	6 1	0n53	0 52	6 1	1 42	17 52	0 27	6 23	1 4	18 15	0 17	22 17	0 35	20 6	0 36	12 10	0 19	18 54	2 52	3 51	4 17	9 45	15 29	1 52						
S 8	5 39	4 36	0s13	6 37	1 52	17 37	0 23	6 8	1 4	18 11	0 17	22 17	0 35	20 7	0 36	12 10	0 19	18 54	2 52	3 51	4 16	9 46	15 29	1 52						
S 9	5 16	8 5	1 18	7 11	2 1	17 22	0 20	5 53	1 3	18 8	0 18	22 18	0 35	20 7	0 36	12 11	0 19	18 54	2 52	3 51	4 15	9 48	15 28	1 53						
M10	4 54	11 14	2 19	7 44	2 10	17 6	0 16	5 38	1 3	18 5	0 18	22 18	0 35	20 7	0 36	12 11	0 19	18 54	2 52	3 52	4 13	9 50	15 28	1 53						
T 11	4 31	13 55	3 14	8 16	2 19	16 50	0 13	5 23	1 3	18 2	0 18	22 18	0 35	20 8	0 36	12 12	0 19	18 53	2 52	3 53	4 12	9 51	15 27	1 53						
W12	4 9	16 2	4 2	8 47	2 28	16 33	0 9	5 8	1 3	17 59	0 18	22 18	0 35	20 8	0 36	12 13	0 19	18 53	2 52	3 53	4 11	9 53	15 27	1 53						
T 13	3 46	17 29	4 39	9 16	2 37	16 16	0 6	4 52	1 2	17 56	0 18	22 18	0 35	20 8	0 36	12 13	0 19	18 53	2 52	3 54	4 10	9 54	15 26	1 53						
F 14	3 23	18 8	5 4	9 45	2 46	15 58	0 3	4 37	1 2	17 53	0 18	22 18	0 34	20 8	0 36	12 14	0 19	18 53	2 52	3 54	4 8	9 56	15 26	1 54						
S 15	3 0	17 56	5 16	10 12	2 54	15 40	0n 1	4 22	1 2	17 50	0 18	22 19	0 34	20 9	0 36	12 14	0 19	18 53	2 52	3 53	4 7	9 57	15 25	1 54						
S 16	2 37	16 49	5 12	10 37	3 3	15 22	0 4	4 7	1 2	17 47	0 18	22 19	0 34	20 9	0 35	12 15	0 19	18 53	2 52	3 53	4 6	9 59	15 25	1 54						
M17	2 14	14 46	4 52	11 1	3 11	15 3	0 7	3 52	1 2	17 44	0 19	22 19	0 34	20 9	0 35	12 15	0 19	18 53	2 52	3 52	4 5	10 0	15 24	1 54						
T 18	1 51	11 49	4 15	11 23	3 18	14 44	0 11	3 36	1 1	17 41	0 19	22 19	0 34	20 9	0 35	12 16	0 19	18 52	2 52	3 51	4 4	10 2	15 24	1 54						
W19	1 28	8 6	3 21	11 43	3 26	14 24	0 14	3 21	1 1	17 38	0 19	22 19	0 34	20 10	0 35	12 16	0 19	18 52	2 52	3 51	4 2	10 3	15 23	1 54						
T 20	1 5	3 49	2 12	12 1	3 33	14 4	0 17	3 6	1 1	17 35	0 19	22 19	0 34	20 10	0 35	12 17	0 19	18 52	2 52	3 50	4 1	10 5	15 23	1 54						
F 21	0 42	0s48	0 54	12 17	3 39	13 43	0 20	2 50	1 1	17 32	0 19	22 19	0 33	20 10	0 35	12 17	0 19	18 52	2 52	3 50	4 0	10 6	15 22	1 55						
S 22	0 19	5 25	0n29	12 31	3 45	13 22	0 23	2 35	1 0	17 29	0 19	22 19	0 33	20 10	0 35	12 18	0 19	18 52	2 52	3 50	3 59	10 8	15 22	1 55						
S 23	0s 4	9 41	1 50	12 42	3 50	13 1	0 26	2 20	1 0	17 27	0 19	22 19	0 33	20 10	0 35	12 18	0 19	18 52	2 52	3 50	3 57	10 9	15 21	1 55						
M24	0 27	13 18	3 3	12 50	3 54	12 39	0 29	2 4	1 0	17 24	0 19	22 19	0 33	20 11	0 35	12 18	0 19	18 52	2 52	3 50	3 56	10 11	15 20	1 55						
T 25	0 50	16 0	4 3	12 55	3 58	12 17	0 32	1 49	1 0	17 21	0 20	22 20	0 33	20 11	0 35	12 19	0 19	18 52	2 52	3 51	3 55	10 12	15 20	1 55						
W26	1 13	17 38	4 46	12 57	4 0	11 54	0 35	1 33	0 59	17 18	0 20	22 20	0 33	20 11	0 35	12 19	0 19	18 52	2 52	3 51	3 54	10 14	15 19	1 55						
T 27	1 37	18 9	5 11	12 56	4 2	11 31	0 38	1 18	0 59	17 15	0 20	22 20	0 33	20 11	0 35	12 20	0 19	18 51	2 52	3 51	3 52	10 15	15 18	1 56						
F 28	2 0	17 36	5 18	12 51	4 2	11 8	0 40	1 3	0 59	17 12	0 20	22 20	0 33	20 11	0 35	12 20	0 19	18 51	2 52	3 51	3 51	10 17	15 18	1 56						
S 29	2 23	16 5	5 7	12 42	4 1	10 45	0 43	0 47	0 59	17 9	0 20	22 20	0 32	20 11	0 35	12 21	0 19	18 51	2 52	3 51	3 50	10 18	15 17	1 56						
S 30	2s46	13s47	4n41	12s29	3s58	10n21	0n46	0n32	0n58	17n 7	0n20	22s20	0n32	20s12	0s35	12s21	0s19	18n51	2s52	3s51	3s49	10n20	15n16	1s56						

# ASTRODIENST EPHEMERIS for the year 2666

OCTOBER 2666

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 39 5	7♂5757	20♂12	22°R 7	6♂13	1♂34	13♂24	11♂25	2°R 5	28°R10	21♂13	9°R44	9♂36	2♂18	17°R59	M 1
T 2	0 43 1	8°5634	2♂38	21♂26	7°25	2°12	13°34	11°27	2♂5	28°8	21°13	9♂44	9°33	2°25	17°57	T 2
W 3	0 46 58	9°55'12	14°52	20°37	8°38	2°51	13°44	11°29	2° 4	28° 8	21°14	9°D44	9°29	2°31	17°54	W 3
T 4	0 50 55	10°53'53	26°57	19°43	9°51	3°29	13°54	11°31	2° 4	28° 7	21°14	9°44	9°26	2°38	17°52	T 4
F 5	0 54 51	11°52'35	8°V55	18°44	11° 3	4° 7	14° 4	11°32	2° 3	28° 6	21°14	9°R44	9°23	2°45	17°50	F 5
S 6	0 58 48	12°51'19	20°47	17°41	12°16	4°46	14°14	11°34	2° 3	28° 5	21°15	9°44	9°20	2°51	17°48	S 6
S 7	1 2 44	13°50'05	2♂36	16°35	13°29	5°24	14°23	11°36	2° 3	28° 4	21°15	9°44	9°17	2°58	17°46	S 7
M 8	1 6 41	14°48'53	14°24	15°29	14°42	6° 3	14°33	11°39	2° 3	28° 3	21°16	9°43	9°14	3° 4	17°44	M 8
T 9	1 10 37	15°47'43	26°14	14°22	15°55	6°41	14°42	11°41	2° 2	28° 2	21°16	9°43	9°10	3°11	17°41	T 9
W10	1 14 34	16°46'36	8♂9	13°18	17° 8	7°20	14°52	11°43	2° 2	28° 1	21°16	9°42	9° 7	3°18	17°39	W10
T 11	1 18 30	17°45'30	20°11	12°18	18°21	7°58	15° 1	11°46	2° 2	28° 0	21°16	9°41	9° 4	3°24	17°37	T 11
F 12	1 22 27	18°44'27	2♂25	11°23	19°34	8°37	15°10	11°48	2°D 2	27°59	21°17	9°40	9° 1	3°31	17°34	F 12
S 13	1 26 24	19°43'26	14°55	10°36	20°47	9°15	15°19	11°51	2° 2	27°58	21°17	9°D40	8°58	3°38	17°32	S 13
S 14	1 30 20	20°42'28	27°45	9°57	22° 0	9°54	15°28	11°54	2° 2	27°57	21°17	9°40	8°55	3°44	17°29	S 14
M15	1 34 17	21°41'31	10♂58	9°27	23°14	10°32	15°36	11°56	2° 3	27°57	21°17	9°40	8°51	3°51	17°27	M15
T 16	1 38 13	22°40'37	24°36	9° 8	24°27	11°11	15°45	11°59	2° 3	27°56	21°17	9°41	8°48	3°58	17°24	T 16
W17	1 42 10	23°39'45	8♂41	8°D59	25°40	11°49	15°54	12° 2	2° 3	27°55	21°18	9°42	8°45	4° 4	17°22	W17
T 18	1 46 6	24°38'56	23°12	9° 0	26°54	12°28	16° 2	12° 5	2° 3	27°54	21°18	9°43	8°42	4°11	17°19	T 18
F 19	1 50 3	25°38'08	8♂5	9°12	28° 8	13° 6	16°10	12° 8	2° 4	27°54	21°18	9°R44	8°39	4°18	17°17	F 19
S 20	1 53 59	26°37'23	23°12	9°35	29°21	13°45	16°18	12°12	2° 4	27°53	21°18	9°43	8°35	4°24	17°14	S 20
S 21	1 57 56	27°36'39	8♂26	10° 7	0♂35	14°24	16°26	12°15	2° 5	27°52	21°18	9°42	8°32	4°31	17°11	S 21
M22	2 1 52	28°35'58	23°35	10°48	1°49	15° 2	16°34	12°18	2° 5	27°52	21°R18	9°40	8°29	4°38	17° 9	M22
T 23	2 5 49	29°35'18	8♂31	11°38	3° 2	15°41	16°42	12°22	2° 6	27°51	21°18	9°37	8°26	4°44	17° 6	T 23
W24	2 9 46	0♂34'41	23° 7	12°36	4°16	16°20	16°49	12°26	2° 6	27°51	21°18	9°35	8°23	4°51	17° 3	W24
T 25	2 13 42	1°34'05	7♂17	13°40	5°30	16°58	16°57	12°29	2° 7	27°50	21°18	9°32	8°20	4°58	17° 1	T 25
F 26	2 17 39	2°33'31	21° 0	14°51	6°44	17°37	17° 4	12°33	2° 8	27°50	21°18	9°31	8°16	5° 4	16°58	F 26
S 27	2 21 35	3°32'58	4♂16	16° 7	7°58	18°16	17°11	12°37	2° 8	27°49	21°18	9°D30	8°13	5°11	16°55	S 27
S 28	2 25 32	4°32'27	17° 8	17°27	9°12	18°54	17°18	12°41	2° 9	27°49	21°17	9°31	8°10	5°18	16°52	S 28
M29	2 29 28	5°31'58	29°40	18°51	10°26	19°33	17°25	12°45	2°10	27°48	21°17	9°32	8° 7	5°24	16°49	M29
T 30	2 33 25	6°31'31	11♂56	20°19	11°40	20°12	17°32	12°49	2°11	27°48	21°17	9°34	8° 4	5°31	16°47	T 30
W31	2 37 21	7♂31'05	24♂0	21♂50	12♂54	20♂51	17♂38	12♂53	2♂12	27♂48	21♂17	9♂36	8♂1	5♂38	16♂44	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	3s 9	10s52	4n 2	12s12	3s54	9n57	0n48	0n16	0n58	17n 4	0n20	22s20	0n32	20s12	0s35	12s21
T 2	3 32	7 30	3 12	11 51	3 48	9 32	0 51	0 1	0 58	17 1	0 21	22 20	0 32	20 12	0 35	12 22
W 3	3 55	3 53	2 14	11 26	3 40	9 8	0 53	0s15	0 58	16 58	0 21	22 20	0 32	20 12	0 35	12 22
T 4	4 18	0 8	1 10	10 56	3 31	8 43	0 56	0 30	0 57	16 56	0 21	22 20	0 32	20 12	0 35	12 23
F 5	4 41	3n36	0 5	10 23	3 19	8 17	0 58	0 46	0 57	16 53	0 21	22 20	0 32	20 12	0 35	12 23
S 6	5 4	7 9	1s 1	9 47	3 6	7 52	1 0	1 1	0 57	16 50	0 21	22 20	0 31	20 12	0 35	12 23
S 7	5 26	10 24	2 4	9 7	2 51	7 26	1 3	1 16	0 57	16 48	0 21	22 19	0 31	20 12	0 35	12 24
M 8	5 49	13 13	3 1	8 26	2 34	7 0	1 5	1 32	0 56	16 45	0 21	22 19	0 31	20 12	0 35	12 24
T 9	6 12	15 30	3 51	7 44	2 16	6 34	1 7	1 47	0 56	16 42	0 22	22 19	0 31	20 12	0 35	12 24
W10	6 34	17 8	4 31	7 1	1 56	6 8	1 9	2 3	0 56	16 40	0 22	22 19	0 31	20 12	0 35	12 25
T 11	6 57	18 1	4 59	6 19	1 36	5 41	1 11	2 18	0 55	16 37	0 22	22 19	0 31	20 12	0 35	12 25
F 12	7 19	18 5	5 15	5 39	1 16	5 14	1 13	2 33	0 55	16 35	0 22	22 19	0 31	20 12	0 35	12 25
S 13	7 41	17 17	5 16	5 2	0 56	4 47	1 15	2 49	0 55	16 32	0 22	22 19	0 31	20 12	0 35	12 26
S 14	8 3	15 36	5 2	4 28	0 35	4 20	1 16	3 4	0 55	16 30	0 22	22 19	0 30	20 12	0 35	12 26
M15	8 25	13 4	4 31	3 58	0 16	3 52	1 18	3 9	0 54	16 27	0 22	22 19	0 30	20 12	0 35	12 26
T 16	8 47	9 44	3 45	3 34	0n 3	3 25	1 20	3 35	0 54	16 25	0 23	22 19	0 30	20 12	0 35	12 26
W17	9 9	5 45	2 44	3 14	0 21	2 57	1 21	3 50	0 54	16 23	0 23	22 18	0 30	20 12	0 35	12 27
T 18	9 31	1 18	1 30	2 59	0 37	2 30	1 23	4 5	0 53	16 20	0 23	22 18	0 30	20 12	0 35	12 27
F 19	9 52	3s20	0 9	2 50	0 52	2 2	1 24	4 21	0 53	16 18	0 23	22 18	0 30	20 12	0 35	12 27
S 20	10 14	7 50	1n14	2 47	1 5	1 34	1 25	4 36	0 53	16 16	0 23	22 18	0 30	20 11	0 35	12 27
S 21	10 35	11 51	2 32	2 48	1 17	1 6	1 27	4 51	0 52	16 13	0 23	22 18	0 30	20 11	0 35	12 28
M22	10 56	15 3	3 39	2 55	1 28	0 38	1 28	5 6	0 52	16 11	0 24	22 18	0 29	20 11	0 35	12 28
T 23	11 17	17 11	4 30	3 6	1 37	0 9	1 29	5 21	0 52	16 9	0 24	22 17	0 29	20 11	0 35	12 28
W24	11 38	18 8	5 3	3 21	1 44	0s19	1 30	5 36	0 51	16 7	0 24	22 17	0 29	20 11	0 35	12 28
T 25	11 59	17 54	5 15	3 41	1 50	0 47	1 31	5 51	0 51	16 5	0 24	22 17	0 29	20 11	0 35	12 28
F 26	12 19	16 37	5 9	4 3	1 55	1 16	1 32	6 6	0 51	16 3	0 24	22 17	0 29	20 10	0 35	12 29
S 27	12 39	14 28	4 47	4 29	1 59	1 44	1 32	6 21	0 50	16 1	0 24	22 17	0 29	20 10	0 35	12 29
S 28	12 59	11 40	4 10	4 58	2 1	2 12	1 33	6 36	0 50	15 59	0 25	22 16	0 29	20 10	0 35	12 29
M29	13 19	8 23	3 22	5 28	2 2	2 41	1 34	6 51	0 50	15 57	0 25	22 16	0 29	20 10	0 35	12 29
T 30	13 39	4 48	2 26	6 1	2 3	3 9	1 34	7 6	0 49	15 55	0 25	22 16	0 29	20 10	0 35	12 29
W31	13s58	1s 4	1n25	6s35	2n 2	3s37	1n35	7s21	0n49	15n53	0n25	22s15	0n28	20s 9	0s34	12s29

Julian Day Number = 2695069.5, Delta T = 24m47s  
 Ecliptic obliquity = 23°21'01, Nutation = 0°00'03  
 Ayanamsha: Fagan/Bradley = 34°04'02, Lahiri = 33°11'02

# ASTRODIENST EPHEMERIS for the year 2666

NOVEMBER 2666

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 41 18	8♍30'41	5♊56	23♎23	14♏9	21♏29	17♏45	12♎57	2♏13	27°R47	21°R17	9°R37	7♎57	5♎44	16°R41	T 1
F 2	2 45 15	9°30'19	17°46	24°58	15°23	22°8	17°51	13°1	2°14	27°R47	21°R16	9♎36	7°54	5°51	16°R38	F 2
S 3	2 49 11	10°29'59	29°35	26°34	16°37	22°47	17°57	13°6	2°15	27°47	21°16	9°35	7°51	5°58	16°35	S 3
S 4	2 53 8	11°29'40	11♎23	28°12	17°51	23°26	18°3	13°10	2°16	27°47	21°16	9°31	7°48	6°4	16°33	S 4
M 5	2 57 4	12°29'24	23°14	29°50	19°6	24°5	18°9	13°15	2°18	27°47	21°15	9°26	7°45	6°11	16°30	M 5
T 6	3 1 1	13°29'10	5♊10	1♍29	20°20	24°44	18°15	13°19	2°19	27°46	21°15	9°20	7°41	6°18	16°27	T 6
W 7	3 4 57	14°28'57	17°11	3°8	21°35	25°22	18°20	13°24	2°20	27°46	21°15	9°14	7°38	6°24	16°24	W 7
T 8	3 8 54	15°28'47	29°20	4°48	22°49	26°1	18°25	13°29	2°21	27°46	21°14	9°7	7°35	6°31	16°21	T 8
F 9	3 12 50	16°28'39	11♎39	6°28	24°4	26°40	18°31	13°34	2°23	27°D46	21°14	9°2	7°32	6°38	16°18	F 9
S 10	3 16 47	17°28'33	24°11	8°8	25°18	27°19	18°36	13°39	2°24	27°46	21°14	8°58	7°29	6°44	16°15	S 10
S 11	3 20 44	18°28'29	6♎58	9°48	26°33	27°58	18°40	13°43	2°26	27°46	21°13	8°55	7°26	6°51	16°12	S 11
M12	3 24 40	19°28'27	20°5	11°28	27°47	28°37	18°45	13°49	2°27	27°46	21°13	8°D54	7°22	6°58	16°10	M12
T 13	3 28 37	20°28'27	3♎33	13°7	29°2	29°16	18°49	13°54	2°29	27°47	21°12	8°55	7°19	7°4	16°7	T 13
W14	3 32 33	21°28'30	17°25	14°47	0♍17	29°55	18°54	13°59	2°31	27°47	21°12	8°56	7°16	7°11	16°4	W14
T 15	3 36 30	22°28'34	1♎41	16°26	1°32	0♍34	18°58	14°4	2°32	27°47	21°11	8°R58	7°13	7°18	16°1	T 15
F 16	3 40 26	23°28'41	16°21	18°5	2°46	1°13	19°2	14°9	2°34	27°47	21°11	8°57	7°10	7°24	15°58	F 16
S 17	3 44 23	24°28'50	1♍19	19°43	4°1	1°52	19°6	14°15	2°36	27°47	21°10	8°56	7°6	7°31	15°55	S 17
S 18	3 48 19	25°29'00	16°30	21°21	5°16	2°31	19°9	14°20	2°38	27°48	21°9	8°51	7°3	7°38	15°53	S 18
M19	3 52 16	26°29'13	1♎42	22°59	6°31	3°11	19°13	14°25	2°40	27°48	21°9	8°45	7°0	7°44	15°50	M19
T 20	3 56 13	27°29'27	16°46	24°36	7°46	3°50	19°16	14°31	2°41	27°48	21°8	8°38	6°57	7°51	15°47	T 20
W21	4 0 9	28°29'43	1♎33	26°13	9°1	4°29	19°19	14°37	2°43	27°49	21°7	8°30	6°54	7°58	15°44	W21
T 22	4 4 6	29°30'00	15°54	27°50	10°16	5°8	19°22	14°42	2°45	27°49	21°7	8°22	6°51	8°4	15°41	T 22
F 23	4 8 2	0♎30'19	29°46	29°27	11°30	5°47	19°24	14°48	2°47	27°50	21°6	8°16	6°47	8°11	15°39	F 23
S 24	4 11 59	1°30'39	13♎9	1♎3	12°45	6°26	19°27	14°54	2°50	27°50	21°5	8°13	6°44	8°18	15°36	S 24
S 25	4 15 55	2°31'01	26°5	2°38	14°0	7°6	19°29	14°59	2°52	27°51	21°5	8°11	6°41	8°24	15°33	S 25
M26	4 19 52	3°31'24	8♎37	4°14	15°15	7°45	19°31	15°5	2°54	27°51	21°4	8°D11	6°38	8°31	15°30	M26
T 27	4 23 48	4°31'48	20°50	5°49	16°30	8°24	19°33	15°11	2°56	27°52	21°3	8°11	6°35	8°38	15°28	T 27
W28	4 27 45	5°32'13	2♎50	7°24	17°46	9°3	19°35	15°17	2°58	27°52	21°2	8°R12	6°32	8°44	15°25	W28
T 29	4 31 42	6°32'40	14°41	8°59	19°1	9°43	19°36	15°23	3°1	27°53	21°1	8°12	6°28	8°51	15°22	T 29
F 30	4 35 38	7♎33'08	26♎28	10♎33	20♍16	10♍22	19♎28	15♎29	3♎3	27°54	21°1	8♎10	6♎25	8♎58	15♎20	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	14s17	2n39	0n20	7s11	2n 1	4s 5	1n35	7s36	0n49	15n51	0n25	22s15	0n28	20s 9	0s34	12s29
F 2	14 36	6 16	0s45	7 47	1 59	4 34	1 36	7 50	0 48	15 50	0 25	22 15	0 28	20 9	0 34	12 29
S 3	14 55	9 36	1 47	8 25	1 56	5 2	1 36	8 5	0 48	15 48	0 26	22 15	0 28	20 9	0 34	12 30
S 4	15 13	12 34	2 45	9 2	1 53	5 30	1 36	8 20	0 48	15 46	0 26	22 14	0 28	20 8	0 34	12 30
M 5	15 32	15 1	3 36	9 40	1 49	5 58	1 36	8 34	0 47	15 45	0 26	22 14	0 28	20 8	0 34	12 30
T 6	15 50	16 51	4 18	10 19	1 44	6 26	1 36	8 49	0 47	15 43	0 26	22 14	0 28	20 8	0 34	12 30
W 7	16 7	17 57	4 48	10 57	1 40	6 54	1 36	9 3	0 47	15 42	0 26	22 13	0 28	20 7	0 34	12 30
T 8	16 25	18 15	5 6	11 35	1 35	7 21	1 36	9 18	0 46	15 40	0 27	22 13	0 28	20 7	0 34	12 30
F 9	16 42	17 41	5 11	12 13	1 29	7 49	1 36	9 32	0 46	15 39	0 27	22 12	0 27	20 7	0 34	12 30
S 10	16 59	16 16	5 0	12 51	1 24	8 16	1 36	9 46	0 46	15 37	0 27	22 12	0 27	20 6	0 34	12 30
S 11	17 16	14 2	4 35	13 28	1 18	8 43	1 35	10 1	0 45	15 36	0 27	22 12	0 27	20 6	0 34	12 30
M12	17 32	11 1	3 54	14 5	1 12	9 10	1 35	10 15	0 45	15 35	0 27	22 11	0 27	20 6	0 34	12 30
T 13	17 48	7 22	3 0	14 41	1 5	9 37	1 35	10 29	0 44	15 34	0 27	22 11	0 27	20 5	0 34	12 30
W14	18 4	3 12	1 54	15 16	0 59	10 4	1 34	10 43	0 44	15 33	0 28	22 10	0 27	20 5	0 34	12 30
T 15	18 19	1s16	0 39	15 51	0 52	10 30	1 33	10 57	0 44	15 31	0 28	22 10	0 27	20 4	0 34	12 30
F 16	18 34	5 47	0n40	16 25	0 46	10 56	1 33	11 11	0 43	15 30	0 28	22 10	0 27	20 4	0 34	12 30
S 17	18 49	10 3	1 58	16 58	0 39	11 22	1 32	11 25	0 43	15 29	0 28	22 9	0 27	20 4	0 34	12 29
S 18	19 4	13 41	3 9	17 31	0 32	11 48	1 31	11 38	0 42	15 28	0 28	22 9	0 26	20 3	0 34	12 29
M19	19 18	16 24	4 6	18 2	0 25	12 13	1 30	11 52	0 42	15 28	0 29	22 8	0 26	20 3	0 34	12 29
T 20	19 32	17 57	4 46	18 33	0 18	12 38	1 29	12 6	0 42	15 27	0 29	22 8	0 26	20 2	0 34	12 29
W21	19 45	18 15	5 5	19 3	0 12	13 3	1 28	12 19	0 41	15 26	0 29	22 7	0 26	20 2	0 34	12 29
T 22	19 58	17 22	5 5	19 32	0 5	13 28	1 27	12 33	0 41	15 25	0 29	22 7	0 26	20 1	0 34	12 29
F 23	20 11	15 27	4 46	19 59	0s 2	13 52	1 26	12 46	0 40	15 25	0 29	22 6	0 26	20 1	0 34	12 29
S 24	20 23	12 46	4 12	20 26	0 9	14 16	1 25	12 59	0 40	15 24	0 30	22 6	0 26	20 0	0 34	12 28
S 25	20 35	9 32	3 27	20 52	0 15	14 39	1 24	13 12	0 40	15 24	0 30	22 5	0 26	20 0	0 34	12 28
M26	20 47	5 57	2 32	21 16	0 22	15 2	1 22	13 25	0 39	15 23	0 30	22 4	0 26	19 59	0 34	12 28
T 27	20 58	2 13	1 32	21 40	0 29	15 25	1 21	13 38	0 39	15 23	0 30	22 4	0 26	19 59	0 34	12 28
W28	21 9	1n34	0 29	22 3	0 35	15 47	1 20	13 51	0 38	15 22	0 30	22 3	0 25	19 58	0 34	12 28
T 29	21 19	5 14	0s35	22 24	0 42	16 9	1 18	14 4	0 38	15 22	0 31	22 3	0 25	19 58	0 34	12 27
F 30	21s29	8n41	1s36	22s44	0s48	16s31	1n17	14s17	0n37	15n22	0n31	22s 2	0n25	19s57	0s34	12s27

Julian Day Number = 2695100.5, Delta T = 24m47s  
 Ecliptic obliquity = 23°21'01, Nutation = 0°00'01  
 Ayanamsha: Fagan/Bradley = 34°04'07, Lahiri = 33°11'06



## ASTRODIENST EPHEMERIS for the year 2667

JANUARY 2667

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 41 48	9°59'22	22°48	28°58	0°26	1°30	18°R37	19°2	4°35	28°32	20°R27	4°R41	4°44	12°31	14°R15	T 1
W 2	6 45 45	11° 0'25	5°15	0°16	1°41	2°10	18°Q32	19° 9	4°39	28°34	20°Q25	4°Q27	4°40	12°38	14°R14	W 2
T 3	6 49 41	12° 1'28	17°54	1°30	2°57	2°50	18°27	19°16	4°42	28°36	20°24	4°13	4°37	12°44	14°12	T 3
F 4	6 53 38	13° 2'31	0°45	2°42	4°12	3°30	18°22	19°23	4°45	28°37	20°23	4° 0	4°34	12°51	14°11	F 4
S 5	6 57 34	14° 3'35	13°48	3°50	5°28	4°10	18°16	19°31	4°49	28°39	20°22	3°49	4°31	12°58	14°10	S 5
S 6	7 1 31	15° 4'39	27° 1	4°53	6°43	4°50	18°11	19°38	4°52	28°41	20°20	3°42	4°28	13° 4	14° 9	S 6
M 7	7 5 27	16° 5'44	10°24	5°50	7°59	5°30	18° 5	19°45	4°55	28°43	20°19	3°37	4°24	13°11	14° 8	M 7
T 8	7 9 24	17° 6'50	23°58	6°42	9°14	6°10	17°59	19°52	4°59	28°44	20°18	3°35	4°21	13°18	14° 7	T 8
W 9	7 13 20	18° 7'55	7°42	7°27	10°30	6°50	17°53	19°59	5° 2	28°46	20°17	3°D35	4°18	13°24	14° 6	W 9
T 10	7 17 17	19° 9'02	21°37	8° 4	11°45	7°30	17°47	20° 6	5° 6	28°48	20°16	3°R35	4°15	13°31	14° 5	T 10
F 11	7 21 14	20°10'09	5°44	8°32	13° 1	8°10	17°40	20°13	5° 9	28°50	20°14	3°34	4°12	13°38	14° 4	F 11
S 12	7 25 10	21°11'16	20° 2	8°51	14°16	8°50	17°34	20°20	5°13	28°52	20°13	3°31	4° 9	13°44	14° 4	S 12
S 13	7 29 7	22°12'24	4°28	9°R 0	15°32	9°30	17°27	20°27	5°16	28°54	20°12	3°26	4° 5	13°51	14° 3	S 13
M14	7 33 3	23°13'33	18°58	8°57	16°47	10°10	17°21	20°34	5°20	28°56	20°11	3°17	4° 2	13°58	14° 2	M14
T 15	7 37 0	24°14'41	3°26	8°43	18° 3	10°51	17°14	20°41	5°23	28°58	20° 9	3° 7	3°59	14° 4	14° 2	T 15
W16	7 40 56	25°15'50	17°47	8°17	19°18	11°31	17° 7	20°49	5°27	29° 0	20° 8	2°55	3°56	14°11	14° 1	W16
T 17	7 44 53	26°16'59	1°52	7°39	20°33	12°11	17° 0	20°56	5°30	29° 1	20° 7	2°44	3°53	14°18	14° 1	T 17
F 18	7 48 49	27°18'07	15°38	6°50	21°49	12°51	16°53	21° 3	5°34	29° 3	20° 6	2°35	3°50	14°25	14° 1	F 18
S 19	7 52 46	28°19'16	29° 2	5°51	23° 4	13°32	16°45	21°10	5°37	29° 5	20° 4	2°27	3°46	14°31	14° 0	S 19
S 20	7 56 43	29°20'24	12°1	4°43	24°20	14°12	16°38	21°17	5°41	29° 8	20° 3	2°23	3°43	14°38	14° 0	S 20
M21	8 0 39	0°21'31	24°39	3°29	25°35	14°52	16°31	21°24	5°44	29°10	20° 2	2°21	3°40	14°45	14° 0	M21
T 22	8 4 36	1°22'38	6°57	2°11	26°51	15°33	16°23	21°31	5°48	29°12	20° 1	2°D20	3°37	14°51	14° 0	T 22
W23	8 8 32	2°23'45	19° 0	0°51	28° 6	16°13	16°16	21°38	5°51	29°14	20° 0	2°21	3°34	14°58	14° 0	W23
T 24	8 12 29	3°24'51	0°54	29°32	29°22	16°53	16° 8	21°45	5°55	29°16	19°58	2°R22	3°30	15° 5	13°D59	T 24
F 25	8 16 25	4°25'56	12°43	28°17	0°37	17°34	16° 0	21°52	5°58	29°18	19°57	2°21	3°27	15°11	13°59	F 25
S 26	8 20 22	5°27'01	24°33	27° 6	1°53	18°14	15°52	21°59	6° 2	29°20	19°56	2°19	3°24	15°18	14° 0	S 26
S 27	8 24 18	6°28'05	6°30	26° 3	3° 8	18°54	15°45	22° 6	6° 5	29°22	19°55	2°15	3°21	15°25	14° 0	S 27
M28	8 28 15	7°29'09	18°37	25° 8	4°24	19°35	15°37	22°13	6° 9	29°24	19°54	2° 8	3°18	15°31	14° 0	M28
T 29	8 32 12	8°30'12	0°58	24°22	5°39	20°15	15°29	22°20	6°13	29°26	19°52	1°59	3°15	15°38	14° 0	T 29
W30	8 36 8	9°31'14	13°35	23°45	6°55	20°56	15°21	22°27	6°16	29°29	19°51	1°50	3°11	15°45	14° 1	W30
T 31	8 40 5	10°32'16	26°29	23°18	8°10	21°36	15°13	22°34	6°20	29°31	19°50	1°40	3°8	15°51	14° 1	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	22s59	18n16	4s54	22s11	1s56	23s13	0n 8	20s 2	0n21	15n47	0n37	21s38	0n23	19s35	0s33	12s14	0s19
W 2	22 54	18 15	5 0	21 49	1 51	23 15	0 6	20 11	0 21	15 49	0 38	21 37	0 22	19 34	0 33	12 13	0 19
T 3	22 49	17 20	4 52	21 26	1 44	23 16	0 3	20 19	0 20	15 51	0 38	21 36	0 22	19 34	0 33	12 13	0 19
F 4	22 43	15 33	4 28	21 3	1 36	23 16	0 1	20 27	0 20	15 52	0 38	21 35	0 22	19 33	0 33	12 12	0 19
S 5	22 37	12 56	3 51	20 39	1 28	23 16	0s 2	20 35	0 19	15 54	0 38	21 34	0 22	19 32	0 33	12 12	0 19
S 6	22 30	9 38	3 1	20 14	1 18	23 15	0 4	20 43	0 18	15 56	0 38	21 33	0 22	19 31	0 33	12 11	0 19
M 7	22 23	5 48	1 59	19 50	1 7	23 13	0 7	20 51	0 18	15 58	0 39	21 32	0 22	19 30	0 33	12 10	0 19
T 8	22 16	1 37	0 51	19 25	0 55	23 11	0 9	20 58	0 17	16 0	0 39	21 31	0 22	19 29	0 33	12 10	0 19
W 9	22 8	2s43	0n22	19 1	0 42	23 8	0 11	21 6	0 17	16 2	0 39	21 30	0 22	19 29	0 33	12 9	0 19
T 10	21 59	6 56	1 34	18 38	0 28	23 4	0 14	21 13	0 16	16 4	0 39	21 29	0 22	19 28	0 33	12 9	0 19
F 11	21 50	10 50	2 42	18 16	0 13	22 59	0 16	21 20	0 15	16 6	0 39	21 28	0 22	19 27	0 33	12 8	0 19
S 12	21 41	14 9	3 40	17 56	0n 3	22 54	0 18	21 27	0 15	16 8	0 40	21 27	0 22	19 26	0 33	12 7	0 19
S 13	21 32	16 37	4 25	17 37	0 20	22 48	0 21	21 34	0 14	16 11	0 40	21 27	0 22	19 25	0 33	12 7	0 19
M14	21 22	18 2	4 53	17 20	0 38	22 41	0 23	21 40	0 13	16 13	0 40	21 26	0 22	19 24	0 33	12 6	0 19
T 15	21 11	18 16	5 2	17 6	0 57	22 34	0 25	21 47	0 13	16 15	0 40	21 25	0 22	19 24	0 33	12 5	0 19
W16	21 0	17 21	4 52	16 54	1 16	22 26	0 28	21 53	0 12	16 17	0 40	21 24	0 21	19 23	0 33	12 5	0 19
T 17	20 49	15 22	4 25	16 45	1 35	22 17	0 30	21 59	0 12	16 20	0 40	21 23	0 21	19 22	0 33	12 4	0 19
F 18	20 37	12 33	3 42	16 39	1 54	22 7	0 32	22 5	0 11	16 22	0 41	21 21	0 21	19 21	0 33	12 3	0 19
S 19	20 25	9 9	2 48	16 36	2 12	21 57	0 34	22 10	0 10	16 24	0 41	21 20	0 21	19 20	0 33	12 2	0 19
S 20	20 13	5 23	1 46	16 36	2 29	21 46	0 37	22 16	0 10	16 27	0 41	21 19	0 21	19 19	0 33	12 2	0 19
M21	20 0	1 30	0 41	16 39	2 44	21 35	0 39	22 21	0 9	16 29	0 41	21 18	0 21	19 18	0 33	12 1	0 19
T 22	19 47	2n22	0s25	16 43	2 57	21 23	0 41	22 26	0 8	16 31	0 41	21 17	0 21	19 18	0 33	12 0	0 19
W23	19 33	6 3	1 28	16 50	3 8	21 10	0 43	22 31	0 8	16 34	0 41	21 16	0 21	19 17	0 33	12 0	0 19
T 24	19 19	9 27	2 27	16 58	3 16	20 57	0 45	22 36	0 7	16 36	0 42	21 15	0 21	19 16	0 33	11 59	0 19
F 25	19 5	12 26	3 19	17 8	3 22	20 43	0 47	22 40	0 6	16 39	0 42	21 14	0 21	19 15	0 33	11 58	0 19
S 26	18 50	14 55	4 3	17 18	3 25	20 28	0 49	22 44	0 5	16 41	0 42	21 13	0 21	19 14	0 33	11 57	0 19
S 27	18 35	16 47	4 36	17 29	3 26	20 13	0 51	22 49	0 5	16 44	0 42	21 12	0 21	19 13	0 33	11 57	0 19
M28	18 20	17 55	4 58	17 40	3 24	19 57	0 53	22 53	0 4	16 46	0 42	21 11	0 21	19 12	0 33	11 56	0 19
T 29	18 4	18 15	5 6	17 52	3 21	19 40	0 55	22 56	0 3	16 49	0 42	21 10	0 21	19 11	0 33	11 55	0 19
W30	17 48	17 41	5 0	18 3	3 16	19 23	0 57	23 0	0 3	16 51	0 42	21 9	0 21	19 11	0 33	11 54	0 19
T 31	17s32	16n14	4s38	18s14	3n 9	19s 6	0s58	23s 3	0n 2	16n53	0n43	21s 8	0n21	19s10	0s33	11s54	0s19

Julian Day Number = 2695161.5, Delta T = 24m48s

Ecliptic obliquity = 23°21'00, Nutation = 0°00'02

Ayanamsha: Fagan/Bradley = 34°04'15, Lahiri = 33°11'15

# ASTRODIENST EPHEMERIS for the year 2667

FEBRUARY 2667

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8 44 1	11 <sup>33</sup> 17	9 <sup>02</sup> 39	23°R 0	9 <sup>25</sup> 25	22 <sup>17</sup> 17	15°R 5	22 <sup>34</sup> 40	6 <sup>23</sup> 23	29 <sup>33</sup> 33	19°R49	1°R31	3 <sup>5</sup> 5	15 <sup>58</sup> 58	14 <sup>18</sup> 1	F 1
S 2	8 47 58	12°34'17	23° 5	22 <sup>35</sup> 51	10°41	22°57	14 <sup>02</sup> 57	22°47	6°27	29°35	19 <sup>48</sup> 48	1 <sup>23</sup> 23	3° 2	16° 5	14° 2	S 2
S 3	8 51 54	13°35'16	6 <sup>04</sup> 43	22°D50	11°56	23°38	14°49	22°54	6°30	29°37	19°47	1°18	2°59	16°11	14° 2	S 3
M 4	8 55 51	14°36'15	20°32	22°58	13°12	24°18	14°41	23° 1	6°34	29°40	19°46	1°16	2°56	16°18	14° 3	M 4
T 5	8 59 47	15°37'14	4 <sup>28</sup> 28	23°12	14°27	24°59	14°33	23° 8	6°37	29°42	19°44	1°D15	2°52	16°25	14° 4	T 5
W 6	9 3 44	16°38'12	18°29	23°34	15°42	25°40	14°25	23°14	6°41	29°44	19°43	1°16	2°49	16°31	14° 4	W 6
T 7	9 7 41	17°39'09	2 <sup>04</sup> 34	24° 1	16°58	26°20	14°17	23°21	6°44	29°46	19°42	1°18	2°46	16°38	14° 5	T 7
F 8	9 11 37	18°40'06	16°42	24°34	18°13	27° 1	14° 9	23°28	6°48	29°48	19°41	1°R18	2°43	16°45	14° 6	F 8
S 9	9 15 34	19°41'03	0 <sup>15</sup> 50	25°12	19°29	27°42	14° 1	23°34	6°51	29°51	19°40	1°18	2°40	16°51	14° 7	S 9
S 10	9 19 30	20°41'59	14°58	25°55	20°44	28°22	13°53	23°41	6°55	29°53	19°39	1°15	2°36	16°58	14° 8	S 10
M11	9 23 27	21°42'54	29° 3	26°42	21°59	29° 3	13°45	23°47	6°58	29°55	19°38	1°11	2°33	17° 5	14° 9	M11
T 12	9 27 23	22°43'48	13 <sup>38</sup> 3	27°33	23°15	29°44	13°37	23°54	7° 2	29°58	19°37	1° 6	2°30	17°12	14°10	T 12
W13	9 31 20	23°44'42	26°54	28°27	24°30	0 <sup>24</sup> 24	13°29	24° 1	7° 5	29°59	19°36	0°59	2°27	17°18	14°11	W13
T 14	9 35 16	24°45'35	10 <sup>28</sup> 33	29°25	25°46	1° 5	13°21	24° 7	7° 9	0 <sup>18</sup> 2	19°35	0°53	2°24	17°25	14°12	T 14
F 15	9 39 13	25°46'27	23°57	0 <sup>25</sup> 25	27° 1	1°46	13°14	24°13	7°12	0° 4	19°34	0°48	2°21	17°32	14°14	F 15
S 16	9 43 10	26°47'17	7 <sup>18</sup> 4	1°28	28°16	2°27	13° 6	24°20	7°15	0° 7	19°33	0°44	2°17	17°38	14°15	S 16
S 17	9 47 6	27°48'07	19°53	2°34	29°32	3° 8	12°58	24°26	7°19	0° 9	19°32	0°41	2°14	17°45	14°16	S 17
M18	9 51 3	28°48'55	2 <sup>02</sup> 25	3°41	0 <sup>18</sup> 47	3°48	12°51	24°32	7°22	0°11	19°31	0°D41	2°11	17°52	14°18	M18
T 19	9 54 59	29°49'42	14°41	4°51	2° 2	4°29	12°43	24°39	7°26	0°13	19°30	0°42	2° 8	17°58	14°19	T 19
W20	9 58 56	0 <sup>18</sup> 50'27	26°44	6° 3	3°17	5°10	12°36	24°45	7°29	0°16	19°29	0°43	2° 5	18° 5	14°21	W20
T 21	10 2 52	1°51'11	8 <sup>39</sup> 39	7°16	4°33	5°51	12°29	24°51	7°32	0°18	19°29	0°45	2° 1	18°12	14°22	T 21
F 22	10 6 49	2°51'54	20°29	8°31	5°48	6°32	12°22	24°57	7°35	0°20	19°28	0°47	1°58	18°18	14°24	F 22
S 23	10 10 45	3°52'35	2 <sup>02</sup> 20	9°48	7° 3	7°13	12°15	25° 3	7°39	0°23	19°27	0°R47	1°55	18°25	14°25	S 23
S 24	10 14 42	4°53'14	14°17	11° 6	8°18	7°54	12° 8	25° 9	7°42	0°25	19°26	0°47	1°52	18°32	14°27	S 24
M25	10 18 38	5°53'52	26°24	12°25	9°34	8°34	12° 1	25°15	7°45	0°27	19°25	0°45	1°49	18°38	14°29	M25
T 26	10 22 35	6°54'29	8 <sup>28</sup> 46	13°46	10°49	9°15	11°54	25°21	7°48	0°29	19°24	0°43	1°46	18°45	14°31	T 26
W27	10 26 32	7°55'03	21°26	15° 8	12° 4	9°56	11°48	25°27	7°52	0°32	19°24	0°39	1°42	18°52	14°33	W27
T 28	10 30 28	8 <sup>15</sup> 53'36	4 <sup>02</sup> 27	16 <sup>32</sup> 32	13 <sup>18</sup> 19	10 <sup>37</sup> 37	11 <sup>02</sup> 41	25 <sup>33</sup> 33	7 <sup>55</sup> 55	0 <sup>18</sup> 34	19 <sup>23</sup> 23	0 <sup>43</sup> 36	1 <sup>43</sup> 39	18 <sup>59</sup> 59	14 <sup>35</sup> 35	T 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
F 1	17s15	13n53	4s 2	18s25	3n 2	18s48	1s 0	23s 6	0n 1	16n56	0n43	21s 7	0n20	19s 9	0s33	F 1
S 2	16 58	10 46	3 11	18 35	2 53	18 29	1 2	23 9	0 0	16 58	0 43	21 6	0 20	19 8	0 33	S 2
S 3	16 41	7 1	2 8	18 44	2 44	18 10	1 4	23 12	0s 0	17 1	0 43	21 5	0 20	19 7	0 34	S 3
M 4	16 23	2 51	0 58	18 53	2 34	17 50	1 5	23 15	0 1	17 3	0 43	21 4	0 20	19 6	0 34	M 4
T 5	16 6	1s30	0n17	19 1	2 23	17 30	1 7	23 17	0 2	17 6	0 43	21 3	0 20	19 5	0 34	T 5
W 6	15 48	5 48	1 32	19 8	2 13	17 9	1 8	23 19	0 3	17 8	0 43	21 2	0 20	19 4	0 34	W 6
T 7	15 29	9 47	2 41	19 14	2 2	16 48	1 10	23 21	0 3	17 11	0 43	21 1	0 20	19 4	0 34	T 7
F 8	15 10	13 14	3 41	19 19	1 51	16 26	1 11	23 23	0 4	17 13	0 43	20 59	0 20	19 3	0 34	F 8
S 9	14 52	15 53	4 28	19 23	1 40	16 4	1 12	23 25	0 5	17 15	0 44	20 58	0 20	19 2	0 34	S 9
S 10	14 32	17 34	4 58	19 26	1 29	15 42	1 14	23 26	0 6	17 18	0 44	20 57	0 20	19 1	0 34	S 10
M11	14 13	18 11	5 10	19 28	1 18	15 18	1 15	23 27	0 6	17 20	0 44	20 56	0 20	19 0	0 34	M11
T 12	13 53	17 41	5 3	19 29	1 7	14 55	1 16	23 28	0 7	17 23	0 44	20 55	0 20	18 59	0 34	T 12
W13	13 33	16 8	4 39	19 28	0 56	14 31	1 17	23 29	0 8	17 25	0 44	20 54	0 20	18 58	0 34	W13
T 14	13 13	13 41	3 59	19 27	0 46	14 7	1 18	23 30	0 9	17 27	0 44	20 53	0 20	18 58	0 34	T 14
F 15	12 53	10 33	3 7	19 24	0 36	13 42	1 19	23 30	0 10	17 29	0 44	20 52	0 20	18 57	0 34	F 15
S 16	12 32	6 57	2 5	19 21	0 26	13 17	1 20	23 30	0 11	17 32	0 44	20 51	0 20	18 56	0 34	S 16
S 17	12 12	3 5	0 59	19 16	0 16	12 52	1 21	23 30	0 11	17 34	0 44	20 50	0 20	18 55	0 34	S 17
M18	11 51	0n49	0s 9	19 9	0 6	12 26	1 22	23 30	0 12	17 36	0 44	20 49	0 20	18 54	0 34	M18
T 19	11 29	4 36	1 16	19 2	0s 3	12 0	1 23	23 29	0 13	17 38	0 44	20 48	0 19	18 53	0 34	T 19
W20	11 8	8 7	2 18	18 53	0 12	11 33	1 23	23 29	0 14	17 40	0 44	20 47	0 19	18 53	0 34	W20
T 21	10 47	11 16	3 13	18 43	0 21	11 7	1 24	23 28	0 15	17 43	0 45	20 46	0 19	18 52	0 34	T 21
F 22	10 25	13 57	4 0	18 32	0 29	10 40	1 25	23 27	0 16	17 45	0 45	20 45	0 19	18 51	0 34	F 22
S 23	10 3	16 2	4 37	18 20	0 37	10 12	1 25	23 26	0 16	17 47	0 45	20 44	0 19	18 50	0 34	S 23
S 24	9 41	17 26	5 2	18 6	0 45	9 45	1 26	23 24	0 17	17 49	0 45	20 43	0 19	18 49	0 34	S 24
M25	9 19	18 5	5 14	17 51	0 53	9 17	1 26	23 23	0 18	17 51	0 45	20 42	0 19	18 48	0 34	M25
T 26	8 57	17 53	5 11	17 35	1 0	8 49	1 26	23 21	0 19	17 52	0 45	20 41	0 19	18 48	0 34	T 26
W27	8 34	16 48	4 54	17 18	1 7	8 21	1 27	23 19	0 20	17 54	0 45	20 40	0 19	18 47	0 34	W27
T 28	8s12	14n50	4s22	17s 0	1s14	7s52	1s27	23s16	0s21	17n56	0n45	20s39	0n19	18s46	0s34	T 28

Julian Day Number = 2695192.5, Delta T = 24m48s  
 Ecliptic obliquity = 23°21'00, Nutation = 0°00'02  
 Ayanamsha: Fagan/Bradley = 34°04'19, Lahiri = 33°11'19

## ASTRODIENST EPHEMERIS for the year 2667

MARCH 2667

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	10 34 25	9♂56'07	17♂50	17♂56	14♂34	11♂18	11°R35	25♂39	7♂58	0♂36	19°R22	0°R33	1♂36	19♂5	14♂36	F 1
S 2	10 38 21	10°56'37	1♂33	19°22	15°49	11°59	11♂29	25°44	8°1	0°38	19♂21	0♂30	1°33	19°12	14°39	S 2
S 3	10 42 18	11°57'05	15°35	20°48	17°5	12°40	11°23	25°50	8°4	0°41	19°21	0°29	1°30	19°19	14°41	S 3
M 4	10 46 14	12°57'31	29°50	22°16	18°20	13°21	11°17	25°55	8°7	0°43	19°20	0°D28	1°27	19°25	14°43	M 4
T 5	10 50 11	13°57'56	14♂15	23°45	19°35	14°2	11°11	26°1	8°10	0°45	19°19	0°28	1°23	19°32	14°45	T 5
W 6	10 54 7	14°58'20	28°44	25°15	20°50	14°43	11°6	26°6	8°13	0°47	19°19	0°29	1°20	19°39	14°47	W 6
T 7	10 58 4	15°58'42	13♂12	26°46	22°5	15°24	11°0	26°12	8°16	0°50	19°18	0°31	1°17	19°45	14°49	T 7
F 8	11 2 1	16°59'03	27°35	28°18	23°20	16°6	10°55	26°17	8°19	0°52	19°18	0°32	1°14	19°52	14°52	F 8
S 9	11 5 57	17°59'23	11♂49	29°51	24°35	16°47	10°50	26°23	8°22	0°54	19°17	0°R32	1°11	19°59	14°54	S 9
S 10	11 9 54	18°59'42	25°53	1♂25	25°50	17°28	10°45	26°28	8°25	0°56	19°16	0°32	1°7	20°5	14°56	S 10
M11	11 13 50	19°59'59	9♂44	3°0	27°5	18°9	10°40	26°33	8°28	0°58	19°16	0°32	1°4	20°12	14°59	M11
T 12	11 17 47	21°0'14	23°23	4°36	28°20	18°50	10°35	26°38	8°31	1°1	19°15	0°31	1°1	20°19	15°1	T 12
W13	11 21 43	22°0'28	6♂49	6°14	29°35	19°31	10°31	26°43	8°34	1°3	19°15	0°29	0°58	20°25	15°4	W13
T 14	11 25 40	23°0'41	20°1	7°52	0°Y50	20°12	10°26	26°48	8°37	1°5	19°14	0°28	0°55	20°32	15°6	T 14
F 15	11 29 36	24°0'52	2♂59	9°31	2°5	20°54	10°22	26°53	8°39	1°7	19°14	0°28	0°52	20°39	15°9	F 15
S 16	11 33 33	25°1'01	15°44	11°11	3°20	21°35	10°18	26°58	8°42	1°9	19°14	0°27	0°48	20°46	15°12	S 16
S 17	11 37 30	26°1'08	28°16	12°53	4°35	22°16	10°14	27°2	8°45	1°11	19°13	0°D27	0°45	20°52	15°14	S 17
M18	11 41 26	27°1'14	10°Y36	14°35	5°49	22°57	10°11	27°7	8°47	1°13	19°13	0°27	0°42	20°59	15°17	M18
T 19	11 45 23	28°1'17	22°45	16°19	7°4	23°38	10°7	27°12	8°50	1°15	19°12	0°27	0°39	21°6	15°20	T 19
W20	11 49 19	29°1'19	4♂45	18°4	8°19	24°20	10°4	27°16	8°53	1°18	19°12	0°27	0°36	21°12	15°23	W20
T 21	11 53 16	0°Y'19	16°38	19°49	9°34	25°1	10°1	27°21	8°55	1°20	19°12	0°R27	0°33	21°19	15°25	T 21
F 22	11 57 12	1°1'17	28°29	21°36	10°49	25°42	9°58	27°25	8°58	1°22	19°12	0°27	0°29	21°26	15°28	F 22
S 23	12 1 9	2°1'13	10°II20	23°24	12°3	26°23	9°56	27°29	9°0	1°24	19°11	0°27	0°26	21°32	15°31	S 23
S 24	12 5 5	3°1'06	22°15	25°14	13°18	27°5	9°53	27°34	9°3	1°26	19°11	0°27	0°23	21°39	15°34	S 24
M25	12 9 2	4°0'58	4♂20	27°4	14°33	27°46	9°51	27°38	9°5	1°28	19°11	0°D27	0°20	21°46	15°37	M25
T 26	12 12 58	5°0'47	16°39	28°56	15°47	28°27	9°49	27°42	9°7	1°30	19°11	0°27	0°17	21°52	15°40	T 26
W27	12 16 55	6°0'34	29°16	0°Y48	17°2	29°8	9°47	27°46	9°10	1°32	19°11	0°28	0°13	21°59	15°43	W27
T 28	12 20 52	7°0'19	12♂15	2°42	18°17	29°50	9°45	27°50	9°12	1°34	19°10	0°28	0°10	22°6	15°46	T 28
F 29	12 24 48	8°0'01	25°39	4°37	19°31	0♂31	9°44	27°54	9°14	1°36	19°10	0°29	0°7	22°13	15°49	F 29
S 30	12 28 45	8°59'42	9♂28	6°33	20°46	1°12	9°42	27°57	9°16	1°37	19°10	0°30	0°4	22°19	15°53	S 30
S 31	12 32 41	9°Y59'20	23♂42	8°Y31	22°Y0	1♂54	9♂41	28♂1	9♂18	1♂39	19♂10	0°R30	0♂1	22♂26	15♂56	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	7s49	12n 2	3s34	16s40	1s20	7s23	1s27	23s14	0s22	17n58	0n45	20s38	0n19	18s45	0s34	11s31
S 2	7 26	8 30	2 33	16 19	1 26	6 54	1 27	23 11	0 23	18 0	0 45	20 37	0 19	18 44	0 34	11 30
S 3	7 3	4 25	1 21	15 57	1 31	6 25	1 27	23 8	0 24	18 1	0 45	20 36	0 19	18 44	0 34	11 29
M 4	6 40	0 1	0 3	15 34	1 37	5 56	1 27	23 5	0 24	18 3	0 45	20 35	0 19	18 43	0 34	11 29
T 5	6 17	4s26	1n16	15 9	1 42	5 26	1 27	23 2	0 25	18 5	0 45	20 34	0 19	18 42	0 34	11 28
W 6	5 54	8 39	2 30	14 43	1 46	4 57	1 27	22 59	0 26	18 6	0 45	20 33	0 19	18 41	0 34	11 27
T 7	5 31	12 19	3 35	14 17	1 51	4 27	1 26	22 55	0 27	18 8	0 45	20 32	0 19	18 41	0 34	11 26
F 8	5 7	15 13	4 26	13 49	1 54	3 57	1 26	22 51	0 28	18 9	0 45	20 31	0 19	18 40	0 34	11 26
S 9	4 44	17 10	5 0	13 19	1 58	3 27	1 26	22 47	0 29	18 11	0 45	20 30	0 19	18 39	0 34	11 25
S 10	4 20	18 2	5 16	12 49	2 1	2 57	1 25	22 43	0 30	18 12	0 45	20 29	0 18	18 38	0 34	11 24
M11	3 57	17 48	5 13	12 18	2 4	2 27	1 25	22 38	0 31	18 13	0 45	20 28	0 18	18 38	0 34	11 23
T 12	3 33	16 32	4 52	11 45	2 6	1 57	1 24	22 34	0 32	18 15	0 45	20 27	0 18	18 37	0 34	11 23
W13	3 10	14 22	4 16	11 11	2 8	1 27	1 23	22 29	0 33	18 16	0 45	20 26	0 18	18 36	0 34	11 22
T 14	2 46	11 30	3 26	10 36	2 10	0 56	1 23	22 24	0 34	18 17	0 45	20 25	0 18	18 36	0 34	11 21
F 15	2 22	8 5	2 27	10 0	2 11	0 26	1 22	22 19	0 35	18 18	0 45	20 24	0 18	18 35	0 34	11 20
S 16	1 58	4 22	1 21	9 23	2 12	0n 5	1 21	22 13	0 36	18 19	0 45	20 23	0 18	18 34	0 34	11 20
S 17	1 35	0 30	0 12	8 44	2 12	0 35	1 20	22 8	0 37	18 20	0 45	20 23	0 18	18 33	0 34	11 19
M18	1 11	3n19	0s56	8 5	2 12	1 5	1 19	22 2	0 38	18 21	0 45	20 22	0 18	18 33	0 34	11 18
T 19	0 47	6 57	2 1	7 24	2 12	1 36	1 18	21 56	0 39	18 22	0 45	20 21	0 18	18 32	0 34	11 17
W20	0 23	10 14	2 59	6 43	2 11	2 6	1 17	21 50	0 40	18 23	0 45	20 20	0 18	18 32	0 34	11 17
T 21	0n 1	13 5	3 49	6 0	2 10	2 37	1 16	21 44	0 41	18 24	0 45	20 19	0 18	18 31	0 34	11 16
F 22	0 24	15 22	4 30	5 16	2 8	3 7	1 15	21 37	0 42	18 24	0 45	20 18	0 18	18 30	0 34	11 15
S 23	0 48	17 0	4 58	4 32	2 5	3 37	1 14	21 30	0 43	18 25	0 45	20 18	0 18	18 30	0 34	11 15
S 24	1 12	17 54	5 14	3 46	2 3	4 7	1 12	21 23	0 44	18 26	0 45	20 17	0 18	18 29	0 34	11 14
M25	1 35	18 0	5 17	2 59	1 59	4 37	1 11	21 16	0 45	18 26	0 45	20 16	0 18	18 28	0 34	11 13
T 26	1 59	17 16	5 5	2 11	1 55	5 7	1 10	21 9	0 47	18 27	0 45	20 15	0 18	18 28	0 35	11 12
W27	2 23	15 41	4 38	1 23	1 51	5 37	1 8	21 2	0 48	18 27	0 45	20 15	0 18	18 27	0 35	11 12
T 28	2 46	13 16	3 57	0 33	1 46	6 7	1 7	20 54	0 49	18 28	0 45	20 14	0 18	18 27	0 35	11 11
F 29	3 10	10 4	3 2	0n17	1 41	6 36	1 5	20 47	0 50	18 28	0 45	20 13	0 18	18 26	0 35	11 10
S 30	3 33	6 14	1 54	1 8	1 35	7 6	1 3	20 39	0 51	18 29	0 45	20 12	0 17	18 26	0 35	11 10
S 31	3n57	1n55	0s38	2n 0	1s29	7n35	1s 2	20s31	0s52	18n29	0n45	20s12	0n17	18s25	0s35	11s 9

Julian Day Number = 2695220.5, Delta T = 24m49s

Ecliptic obliquity = 23°21'01, Nutation = 0°00'02

Ayanamsha: Fagan/Bradley = 34°04'23, Lahiri = 33°11'23

## ASTRODIENST EPHEMERIS for the year 2667

APRIL 2667

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	12 36 38	10°58'56"	8°16'	10°29'	23°15'	2°35'	9°R40	28°35'	9°21'	1°41'	19°R10	0°R30	29°58'	22°33'	15°59'	M 1
T 2	12 40 34	11°58'30"	23° 5'	12°28'	24°29'	3°16'	9°R39	28° 8'	9°23'	1°43'	19°R10	0°29'	29°54'	22°39'	16° 2'	T 2
W 3	12 44 31	12°58'03"	8°16'	14°28'	25°44'	3°58'	9°39	28°12'	9°25'	1°45'	19°D10	0°28'	29°51'	22°46'	16° 5'	W 3
T 4	12 48 27	13°57'33"	22°56'	16°29'	26°58'	4°39'	9°39	28°15'	9°27'	1°47'	19°10	0°27'	29°48'	22°53'	16° 9'	T 4
F 5	12 52 24	14°57'02"	7°43'	18°30'	28°13'	5°20'	9°D38	28°18'	9°29'	1°49'	19°10	0°25'	29°45'	22°59'	16°12'	F 5
S 6	12 56 21	15°56'29"	22°14'	20°32'	29°27'	6° 2'	9°38	28°21'	9°31'	1°50'	19°10	0°23'	29°42'	23° 6'	16°15'	S 6
S 7	13 0 17	16°55'55"	6°32'	22°34'	0°41'	6°43'	9°39	28°24'	9°32'	1°52'	19°10	0°22'	29°38'	23°13'	16°19'	S 7
M 8	13 4 14	17°55'18"	20°18'	24°36'	1°56'	7°24'	9°39	28°27'	9°34'	1°54'	19°10	0°D22	29°35'	23°19'	16°22'	M 8
T 9	13 8 10	18°54'40"	3°48'	26°38'	3°10'	8° 6'	9°40	28°30'	9°36'	1°56'	19°10	0°23'	29°32'	23°26'	16°25'	T 9
W10	13 12 7	19°54'01"	16°59'	28°40'	4°24'	8°47'	9°40	28°33'	9°38'	1°57'	19°11	0°24'	29°29'	23°33'	16°29'	W10
T 11	13 16 3	20°53'19"	29°52'	0°41'	5°39'	9°29'	9°41	28°36'	9°39'	1°59'	19°11	0°25'	29°26'	23°40'	16°32'	T 11
F 12	13 20 0	21°52'36"	12°31'	2°40'	6°53'	10°10'	9°42	28°38'	9°41'	2° 1'	19°11	0°27'	29°23'	23°46'	16°36'	F 12
S 13	13 23 56	22°51'51"	24°56'	4°38'	8° 7'	10°51'	9°44	28°41'	9°43'	2° 2'	19°11	0°R28	29°19'	23°53'	16°39'	S 13
S 14	13 27 53	23°51'03"	7°11'	6°34'	9°21'	11°33'	9°45	28°43'	9°44'	2° 4'	19°12	0°28'	29°16'	24° 0'	16°43'	S 14
M15	13 31 50	24°50'14"	19°18'	8°28'	10°35'	12°14'	9°47	28°46'	9°46'	2° 5'	19°12	0°26'	29°13'	24° 6'	16°46'	M15
T 16	13 35 46	25°49'23"	1°18'	10°19'	11°50'	12°56'	9°49	28°48'	9°47'	2° 7'	19°12	0°24'	29°10'	24°13'	16°50'	T 16
W17	13 39 43	26°48'30"	13°12'	12° 7'	13° 4'	13°37'	9°51	28°50'	9°49'	2° 8'	19°12	0°20'	29° 7'	24°20'	16°54'	W17
T 18	13 43 39	27°47'35"	25° 4'	13°52'	14°18'	14°18'	9°53	28°52'	9°50'	2°10'	19°13	0°15'	29° 4'	24°26'	16°57'	T 18
F 19	13 47 36	28°46'38"	6°15'	15°33'	15°32'	15° 0'	9°56	28°54'	9°51'	2°11'	19°13	0°10'	29° 0'	24°33'	17° 1'	F 19
S 20	13 51 32	29°45'39"	18°46'	17°10'	16°46'	15°41'	9°58	28°56'	9°53'	2°13'	19°14	0° 5'	28°57'	24°40'	17° 4'	S 20
S 21	13 55 29	0°44'38"	0°42'	18°43'	18° 0'	16°22'	10° 1'	28°58'	9°54'	2°14'	19°14	0° 1'	28°54'	24°46'	17° 8'	S 21
M22	13 59 25	1°43'34"	12°46'	20°11'	19°14'	17° 4'	10° 4'	29° 0'	9°55'	2°15'	19°14	29°58'	28°51'	24°53'	17°12'	M22
T 23	14 3 22	2°42'28"	25° 3'	21°34'	20°28'	17°45'	10° 7'	29° 1'	9°56'	2°17'	19°15	29°56'	28°48'	25° 0'	17°15'	T 23
W24	14 7 19	3°41'20"	7°13'	22°52'	21°41'	18°26'	10°11	29° 3'	9°57'	2°18'	19°15	29°D56	28°44'	25° 7'	17°19'	W24
T 25	14 11 15	4°40'10"	20°28'	24° 5'	22°55'	19° 8'	10°14	29° 4'	9°58'	2°19'	19°16	29°57'	28°41'	25°13'	17°23'	T 25
F 26	14 15 12	5°38'57"	3°14'	25°12'	24° 9'	19°49'	10°18	29° 5'	9°59'	2°21'	19°16	29°58'	28°38'	25°20'	17°26'	F 26
S 27	14 19 8	6°37'42"	17°29'	26°14'	25°23'	20°30'	10°22	29° 7'	10° 0'	2°22'	19°17	29°59'	28°35'	25°27'	17°30'	S 27
S 28	14 23 5	7°36'25"	1°41'	27°10'	26°37'	21°11'	10°26	29° 8'	10° 1'	2°23'	19°18	0°R 0	28°32'	25°33'	17°34'	S 28
M29	14 27 1	8°35'06"	16°19'	28° 0'	27°50'	21°53'	10°30	29° 9'	10° 2'	2°24'	19°18	29°59'	28°29'	25°40'	17°38'	M29
T 30	14 30 58	9°33'44"	1°16'	28°45'	29° 4'	22°34'	10°35	29°30'	10° 2'	2°26'	19°19	29°57'	28°25'	25°47'	17°41'	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	4n20	2s36	0n43	2n53	1s22	8n 4	1s 0	20s22	0s53	18n29	0n45	20s11	0n17	18s24	0s35	11s 8
T 2	4 43	7 3	2 2	3 46	1 14	8 33	0 58	20 14	0 54	18 29	0 45	20 10	0 17	18 24	0 35	11 8
W 3	5 6	11 5	3 13	4 40	1 6	9 2	0 56	20 5	0 55	18 29	0 45	20 10	0 17	18 23	0 35	11 7
T 4	5 29	14 23	4 11	5 34	0 58	9 31	0 54	19 57	0 57	18 29	0 45	20 9	0 17	18 23	0 35	11 7
F 5	5 52	16 43	4 52	6 29	0 49	9 59	0 52	19 48	0 58	18 29	0 45	20 9	0 17	18 22	0 35	11 6
S 6	6 15	17 55	5 13	7 23	0 39	10 27	0 51	19 39	0 59	18 29	0 45	20 8	0 17	18 22	0 35	11 5
S 7	6 38	17 57	5 15	8 18	0 29	10 55	0 49	19 30	1 0	18 29	0 45	20 7	0 17	18 22	0 35	11 5
M 8	7 0	16 55	4 57	9 12	0 19	11 22	0 46	19 20	1 1	18 29	0 45	20 7	0 17	18 21	0 35	11 4
T 9	7 23	14 57	4 24	10 6	0 9	11 50	0 44	19 11	1 2	18 29	0 45	20 6	0 17	18 21	0 35	11 3
W10	7 45	12 14	3 38	11 0	0n 2	12 17	0 42	19 1	1 3	18 29	0 45	20 6	0 17	18 20	0 35	11 3
T 11	8 7	8 58	2 41	11 53	0 14	12 43	0 40	18 51	1 5	18 28	0 45	20 5	0 17	18 20	0 35	11 2
F 12	8 30	5 20	1 37	12 45	0 25	13 10	0 38	18 41	1 6	18 28	0 44	20 5	0 17	18 19	0 35	11 2
S 13	8 52	1 32	0 30	13 35	0 36	13 36	0 36	18 31	1 7	18 28	0 44	20 4	0 17	18 19	0 35	11 1
S 14	9 13	2n17	0s37	14 25	0 48	14 2	0 33	18 21	1 8	18 27	0 44	20 4	0 17	18 19	0 35	11 1
M15	9 35	5 57	1 42	15 13	1 0	14 27	0 31	18 11	1 10	18 27	0 44	20 4	0 17	18 18	0 35	11 0
T 16	9 57	9 21	2 41	15 59	1 11	14 52	0 29	18 0	1 11	18 26	0 44	20 3	0 17	18 18	0 35	11 0
W17	10 18	12 21	3 34	16 43	1 22	15 17	0 26	17 49	1 12	18 26	0 44	20 3	0 17	18 18	0 35	10 59
T 18	10 39	14 49	4 16	17 25	1 33	15 41	0 24	17 39	1 13	18 25	0 44	20 2	0 17	18 17	0 35	10 59
F 19	11 0	16 39	4 47	18 5	1 43	16 5	0 21	17 28	1 14	18 24	0 44	20 2	0 17	18 17	0 35	10 58
S 20	11 21	17 47	5 7	18 43	1 53	16 29	0 19	17 17	1 16	18 23	0 44	20 2	0 16	18 17	0 35	10 58
S 21	11 41	18 8	5 13	19 18	2 3	16 52	0 16	17 6	1 17	18 23	0 44	20 1	0 16	18 16	0 35	10 57
M22	12 2	17 41	5 5	19 50	2 12	17 15	0 14	16 54	1 18	18 22	0 44	20 1	0 16	18 16	0 35	10 57
T 23	12 22	16 24	4 43	20 20	2 20	17 37	0 11	16 43	1 19	18 21	0 44	20 1	0 16	18 16	0 35	10 56
W24	12 42	14 19	4 8	20 47	2 27	17 59	0 9	16 31	1 21	18 20	0 44	20 1	0 16	18 15	0 35	10 56
T 25	13 2	11 28	3 19	21 12	2 33	18 20	0 6	16 20	1 22	18 19	0 44	20 0	0 16	18 15	0 36	10 55
F 26	13 21	7 57	2 18	21 34	2 39	18 41	0 4	16 8	1 23	18 18	0 44	20 0	0 16	18 15	0 36	10 55
S 27	13 41	3 53	1 8	21 53	2 43	19 1	0 1	15 56	1 25	18 17	0 44	20 0	0 16	18 15	0 36	10 54
S 28	14 0	0s32	0n 9	22 10	2 47	19 21	0n 1	15 44	1 26	18 16	0 44	20 0	0 16	18 15	0 36	10 54
M29	14 19	5 2	1 28	22 24	2 50	19 40	0 4	15 32	1 27	18 15	0 44	20 0	0 16	18 14	0 36	10 54
T 30	14n37	9s21	2n42	22n35	2n51	19n59	0n 7	15s20	1s28	18n13	0n44	19s59	0n16	18s14	0s36	10s53

Julian Day Number = 2695251.5, Delta T = 24m49s

Ecliptic obliquity = 23°21'01", Nutation = - 0°00'00"

Ayanamsha: Fagan/Bradley = 34°04'27", Lahiri = 33°11'27"

## ASTRODIENST EPHEMERIS for the year 2667

MAY 2667

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	14 34 54	10 <sup>8</sup> 32'21	16 <sup>11</sup> 29	29 <sup>8</sup> 23	0 <sup>11</sup> 18	23 <sup>22</sup> 15	10 <sup>10</sup> 39	29 <sup>3</sup> 10	10 <sup>22</sup> 3	2 <sup>2</sup> 27	19 <sup>25</sup> 19	29 <sup>2</sup> R52	28 <sup>11</sup> 22	25 <sup>8</sup> 53	17 <sup>8</sup> 45	W 1
T 2	14 38 51	11 <sup>0</sup> 30'56	1 <sup>2</sup> 44	29 <sup>5</sup> 56	1 <sup>3</sup> 31	23 <sup>2</sup> 57	10 <sup>10</sup> 44	29 <sup>2</sup> 11	10 <sup>0</sup> 4	2 <sup>2</sup> 28	19 <sup>2</sup> 20	29 <sup>11</sup> 46	28 <sup>19</sup> 19	26 <sup>0</sup> 0	17 <sup>4</sup> 49	T 2
F 3	14 42 47	12 <sup>2</sup> 29'30	16 <sup>5</sup> 52	0 <sup>11</sup> 23	2 <sup>4</sup> 45	24 <sup>3</sup> 38	10 <sup>10</sup> 49	29 <sup>2</sup> 12	10 <sup>0</sup> 4	2 <sup>2</sup> 29	19 <sup>2</sup> 21	29 <sup>2</sup> 40	28 <sup>16</sup> 26	26 <sup>0</sup> 7	17 <sup>5</sup> 52	F 3
S 4	14 46 44	13 <sup>2</sup> 28'01	1 <sup>3</sup> 43	0 <sup>0</sup> 43	3 <sup>5</sup> 58	25 <sup>2</sup> 19	10 <sup>10</sup> 54	29 <sup>2</sup> 12	10 <sup>0</sup> 5	2 <sup>2</sup> 30	19 <sup>2</sup> 22	29 <sup>2</sup> 34	28 <sup>13</sup> 26	26 <sup>0</sup> 14	17 <sup>5</sup> 56	S 4
S 5	14 50 41	14 <sup>2</sup> 26'31	16 <sup>0</sup> 10	0 <sup>0</sup> 58	5 <sup>5</sup> 12	26 <sup>0</sup> 0	10 <sup>10</sup> 59	29 <sup>2</sup> 13	10 <sup>0</sup> 6	2 <sup>2</sup> 31	19 <sup>2</sup> 22	29 <sup>2</sup> 29	28 <sup>10</sup> 26	26 <sup>0</sup> 20	18 <sup>0</sup> 0	S 5
M 6	14 54 37	15 <sup>2</sup> 25'00	0 <sup>2</sup> 10	1 <sup>0</sup> 7	6 <sup>6</sup> 25	26 <sup>0</sup> 41	11 <sup>0</sup> 4	29 <sup>2</sup> 13	10 <sup>0</sup> 6	2 <sup>2</sup> 32	19 <sup>2</sup> 23	29 <sup>2</sup> 26	28 <sup>0</sup> 6	26 <sup>0</sup> 27	18 <sup>0</sup> 4	M 6
T 7	14 58 34	16 <sup>2</sup> 23'27	13 <sup>0</sup> 43	1 <sup>0</sup> R10	7 <sup>7</sup> 39	27 <sup>2</sup> 23	11 <sup>0</sup> 10	29 <sup>2</sup> 13	10 <sup>0</sup> 6	2 <sup>2</sup> 33	19 <sup>2</sup> 24	29 <sup>2</sup> D25	28 <sup>0</sup> 3	26 <sup>0</sup> 34	18 <sup>0</sup> 8	T 7
W 8	15 2 30	17 <sup>2</sup> 21'52	26 <sup>0</sup> 51	1 <sup>0</sup> 8	8 <sup>8</sup> 52	28 <sup>0</sup> 4	11 <sup>0</sup> 15	29 <sup>2</sup> 13	10 <sup>0</sup> 7	2 <sup>2</sup> 34	19 <sup>2</sup> 25	29 <sup>2</sup> 25	28 <sup>0</sup> 0	26 <sup>0</sup> 40	18 <sup>0</sup> 11	W 8
T 9	15 6 27	18 <sup>2</sup> 20'16	9 <sup>9</sup> 36	1 <sup>0</sup> 0	10 <sup>0</sup> 5	28 <sup>0</sup> 45	11 <sup>0</sup> 21	29 <sup>2</sup> R13	10 <sup>0</sup> 7	2 <sup>2</sup> 35	19 <sup>2</sup> 25	29 <sup>2</sup> 27	27 <sup>0</sup> 57	26 <sup>0</sup> 47	18 <sup>0</sup> 15	T 9
F 10	15 10 23	19 <sup>2</sup> 18'38	22 <sup>0</sup> 4	0 <sup>0</sup> 47	11 <sup>0</sup> 19	29 <sup>2</sup> 26	11 <sup>0</sup> 27	29 <sup>2</sup> 13	10 <sup>0</sup> 7	2 <sup>2</sup> 35	19 <sup>2</sup> 26	29 <sup>2</sup> 28	27 <sup>0</sup> 54	26 <sup>0</sup> 54	18 <sup>0</sup> 19	F 10
S 11	15 14 20	20 <sup>2</sup> 16'59	4 <sup>4</sup> 17	0 <sup>0</sup> 30	12 <sup>0</sup> 32	0 <sup>0</sup> 7	11 <sup>0</sup> 33	29 <sup>2</sup> 13	10 <sup>0</sup> 8	2 <sup>2</sup> 36	19 <sup>2</sup> 27	29 <sup>2</sup> R28	27 <sup>0</sup> 50	27 <sup>0</sup> 1	18 <sup>0</sup> 23	S 11
S 12	15 18 16	21 <sup>2</sup> 15'18	16 <sup>0</sup> 21	0 <sup>0</sup> 8	13 <sup>0</sup> 45	0 <sup>0</sup> 48	11 <sup>0</sup> 40	29 <sup>2</sup> 13	10 <sup>0</sup> 8	2 <sup>2</sup> 37	19 <sup>2</sup> 28	29 <sup>2</sup> 26	27 <sup>0</sup> 47	27 <sup>0</sup> 7	18 <sup>0</sup> 26	S 12
M13	15 22 13	22 <sup>2</sup> 13'35	28 <sup>0</sup> 18	29 <sup>2</sup> 42	14 <sup>0</sup> 59	1 <sup>2</sup> 29	11 <sup>0</sup> 46	29 <sup>2</sup> 12	10 <sup>0</sup> 8	2 <sup>2</sup> 38	19 <sup>2</sup> 29	29 <sup>2</sup> 22	27 <sup>0</sup> 44	27 <sup>0</sup> 14	18 <sup>0</sup> 30	M13
T 14	15 26 10	23 <sup>2</sup> 11'51	10 <sup>10</sup> 10	29 <sup>2</sup> 13	16 <sup>0</sup> 12	2 <sup>10</sup> 10	11 <sup>0</sup> 53	29 <sup>2</sup> 12	10 <sup>0</sup> 8	2 <sup>2</sup> 39	19 <sup>2</sup> 30	29 <sup>2</sup> 16	27 <sup>0</sup> 41	27 <sup>0</sup> 21	18 <sup>0</sup> 34	T 14
W15	15 30 6	24 <sup>2</sup> 10'05	22 <sup>0</sup> 1	28 <sup>0</sup> 41	17 <sup>0</sup> 25	2 <sup>5</sup> 51	11 <sup>0</sup> 59	29 <sup>2</sup> 11	10 <sup>0</sup> R 8	2 <sup>2</sup> 39	19 <sup>2</sup> 31	29 <sup>0</sup> 8	27 <sup>0</sup> 38	27 <sup>0</sup> 27	18 <sup>0</sup> 38	W15
T 16	15 34 3	25 <sup>0</sup> 8'18	3 <sup>3</sup> 52	28 <sup>0</sup> 6	18 <sup>0</sup> 38	3 <sup>3</sup> 32	12 <sup>0</sup> 6	29 <sup>2</sup> 11	10 <sup>0</sup> 8	2 <sup>2</sup> 40	19 <sup>2</sup> 32	28 <sup>0</sup> 57	27 <sup>0</sup> 35	27 <sup>0</sup> 34	18 <sup>0</sup> 41	T 16
F 17	15 37 59	26 <sup>0</sup> 6'29	15 <sup>0</sup> 44	27 <sup>0</sup> 30	19 <sup>0</sup> 51	4 <sup>4</sup> 13	12 <sup>0</sup> 13	29 <sup>2</sup> 10	10 <sup>0</sup> 8	2 <sup>2</sup> 41	19 <sup>2</sup> 33	28 <sup>0</sup> 46	27 <sup>0</sup> 31	27 <sup>0</sup> 41	18 <sup>0</sup> 45	F 17
S 18	15 41 56	27 <sup>0</sup> 4'38	27 <sup>0</sup> 39	26 <sup>0</sup> 53	21 <sup>0</sup> 4	4 <sup>4</sup> 54	12 <sup>0</sup> 20	29 <sup>0</sup> 9	10 <sup>0</sup> 8	2 <sup>2</sup> 41	19 <sup>2</sup> 34	28 <sup>0</sup> 35	27 <sup>0</sup> 28	27 <sup>0</sup> 47	18 <sup>0</sup> 49	S 18
S 19	15 45 52	28 <sup>0</sup> 2'45	9 <sup>9</sup> 40	26 <sup>0</sup> 16	22 <sup>0</sup> 17	5 <sup>5</sup> 35	12 <sup>0</sup> 27	29 <sup>0</sup> 8	10 <sup>0</sup> 8	2 <sup>2</sup> 42	19 <sup>2</sup> 35	28 <sup>0</sup> 26	27 <sup>0</sup> 25	27 <sup>0</sup> 54	18 <sup>0</sup> 53	S 19
M20	15 49 49	29 <sup>0</sup> 0'51	21 <sup>0</sup> 47	25 <sup>0</sup> 39	23 <sup>0</sup> 30	6 <sup>6</sup> 15	12 <sup>0</sup> 35	29 <sup>0</sup> 7	10 <sup>0</sup> 7	2 <sup>2</sup> 42	19 <sup>2</sup> 36	28 <sup>0</sup> 18	27 <sup>0</sup> 22	28 <sup>0</sup> 1	18 <sup>0</sup> 56	M20
T 21	15 53 45	29 <sup>0</sup> 58'55	4 <sup>4</sup> 5	25 <sup>0</sup> 4	24 <sup>0</sup> 43	6 <sup>6</sup> 56	12 <sup>0</sup> 42	29 <sup>0</sup> 6	10 <sup>0</sup> 7	2 <sup>2</sup> 43	19 <sup>2</sup> 37	28 <sup>0</sup> 12	27 <sup>0</sup> 19	28 <sup>0</sup> 8	19 <sup>0</sup> 0	T 21
W22	15 57 42	0 <sup>0</sup> 56'56	16 <sup>0</sup> 37	24 <sup>0</sup> 29	25 <sup>0</sup> 56	7 <sup>7</sup> 37	12 <sup>0</sup> 50	29 <sup>0</sup> 5	10 <sup>0</sup> 7	2 <sup>2</sup> 43	19 <sup>2</sup> 38	28 <sup>0</sup> 9	27 <sup>0</sup> 15	28 <sup>0</sup> 14	19 <sup>0</sup> 4	W22
T 23	16 1 39	1 <sup>1</sup> 54'57	29 <sup>0</sup> 26	23 <sup>0</sup> 57	27 <sup>0</sup> 9	8 <sup>8</sup> 18	12 <sup>0</sup> 58	29 <sup>0</sup> 3	10 <sup>0</sup> 6	2 <sup>2</sup> 44	19 <sup>2</sup> 39	28 <sup>0</sup> D 8	27 <sup>0</sup> 12	28 <sup>0</sup> 21	19 <sup>0</sup> 8	T 23
F 24	16 5 35	2 <sup>2</sup> 52'55	12 <sup>11</sup> 36	23 <sup>0</sup> 28	28 <sup>0</sup> 22	8 <sup>8</sup> 58	13 <sup>0</sup> 6	29 <sup>0</sup> 2	10 <sup>0</sup> 6	2 <sup>2</sup> 44	19 <sup>2</sup> 40	28 <sup>0</sup> 8	27 <sup>0</sup> 9	28 <sup>0</sup> 28	19 <sup>0</sup> 11	F 24
S 25	16 9 32	3 <sup>3</sup> 50'51	26 <sup>0</sup> 11	23 <sup>0</sup> 2	29 <sup>0</sup> 35	9 <sup>9</sup> 39	13 <sup>0</sup> 14	29 <sup>0</sup> 0	10 <sup>0</sup> 5	2 <sup>2</sup> 44	19 <sup>2</sup> 41	28 <sup>0</sup> R 9	27 <sup>0</sup> 6	28 <sup>0</sup> 34	19 <sup>0</sup> 15	S 25
S 26	16 13 28	4 <sup>4</sup> 48'46	10 <sup>10</sup> 13	22 <sup>0</sup> 39	0 <sup>0</sup> 48	10 <sup>0</sup> 19	13 <sup>0</sup> 22	28 <sup>0</sup> 59	10 <sup>0</sup> 5	2 <sup>2</sup> 45	19 <sup>2</sup> 42	28 <sup>0</sup> 8	27 <sup>0</sup> 3	28 <sup>0</sup> 41	19 <sup>0</sup> 19	S 26
M27	16 17 25	5 <sup>5</sup> 46'38	24 <sup>0</sup> 42	22 <sup>0</sup> 20	2 <sup>0</sup> 0	11 <sup>0</sup> 0	13 <sup>0</sup> 30	28 <sup>0</sup> 57	10 <sup>0</sup> 4	2 <sup>2</sup> 45	19 <sup>2</sup> 43	28 <sup>0</sup> 6	27 <sup>0</sup> 0	28 <sup>0</sup> 48	19 <sup>0</sup> 22	M27
T 28	16 21 21	6 <sup>6</sup> 44'30	9 <sup>9</sup> 15	22 <sup>0</sup> 5	3 <sup>3</sup> 13	11 <sup>0</sup> 40	13 <sup>0</sup> 38	28 <sup>0</sup> 55	10 <sup>0</sup> 4	2 <sup>2</sup> 45	19 <sup>2</sup> 44	28 <sup>0</sup> 1	26 <sup>0</sup> 56	28 <sup>0</sup> 54	19 <sup>0</sup> 26	T 28
W29	16 25 18	7 <sup>7</sup> 42'19	24 <sup>0</sup> 46	21 <sup>0</sup> 54	4 <sup>4</sup> 26	12 <sup>0</sup> 21	13 <sup>0</sup> 47	28 <sup>0</sup> 54	10 <sup>0</sup> 3	2 <sup>2</sup> 46	19 <sup>2</sup> 45	27 <sup>0</sup> 54	26 <sup>0</sup> 53	29 <sup>0</sup> 1	19 <sup>0</sup> 30	W29
T 30	16 29 14	8 <sup>8</sup> 40'08	10 <sup>10</sup> 4	21 <sup>0</sup> 48	5 <sup>5</sup> 38	13 <sup>0</sup> 1	13 <sup>0</sup> 55	28 <sup>0</sup> 52	10 <sup>0</sup> 2	2 <sup>2</sup> 46	19 <sup>2</sup> 47	27 <sup>0</sup> 44	26 <sup>0</sup> 50	29 <sup>0</sup> 8	19 <sup>0</sup> 33	T 30
F 31	16 33 11	9 <sup>9</sup> 37'55	25 <sup>2</sup> 20	21 <sup>0</sup> D46	6 <sup>6</sup> 51	13 <sup>0</sup> 41	14 <sup>0</sup> 4	28 <sup>0</sup> 50	10 <sup>0</sup> 2	2 <sup>2</sup> 46	19 <sup>2</sup> 48	27 <sup>0</sup> 34	26 <sup>0</sup> 47	29 <sup>0</sup> 15	19 <sup>0</sup> 37	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	14n56	13s 6	3n46	22n44	2n51	20n17	0n 9	15s 8	1s30	18n12	0n44	19s59	0n16	18s14	0s36	10s53	0s20	19n20	2s40	0n 3	0n39	14n56	15n 8	2s 0							
T 2	15 14	15 58	4 33	22 50	2 50	20 35	0 12	14 55	1 31	18 11	0 44	19 59	0 16	18 14	0 36	10 52	0 20	19 20	2 39	0 5	0 40	14 57	15 9	2 0							
F 3	15 32	17 42	5 2	22 53	2 48	20 52	0 15	14 43	1 32	18 9	0 44	19 59	0 16	18 14	0 36	10 52	0 20	19 20	2 39	0 8	0 41	14 58	15 10	2 0							
S 4	15 49	18 11	5 9	22 54	2 44	21 9	0 17	14 30	1 34	18 8	0 44	19 59	0 16	18 14	0 36	10 52	0 20	19 20	2 39	0 10	0 43	14 59	15 11	2 0							
S 5	16 7	17 28	4 56	22 53	2 40	21 25	0 20	14 18	1 35	18 6	0 44	19 59	0 16	18 14	0 36	10 51	0 20	19 20	2 39	0 12	0 44	15 0	15 12	2 0							
M 6	16 24	15 42	4 26	22 49	2 34	21 40	0 22	14 5	1 36	18 5	0 43	19 59	0 16	18 14	0 36	10 51	0 20	19 20	2 39	0 13	0 45	15 1	15 13	2 0							
T 7	16 41	13 6	3 42	22 42	2 26	21 55	0 25	13 52	1 38	18 3	0 43	19 59	0 16	18 13	0 36	10 51	0 20	19 20	2 39	0 14	0 46	15 2	15 14	2 0							
W 8	16 57	9 54	2 47	22 33	2 18	22 9	0 28	13 39	1 39	18 2	0 43	19 59	0 16	18 13	0 36	10 50	0 20	19 20	2 39	0 14	0 48	15 3	15 15	2 0							
T 9	17 13	6 19	1 45	22 22	2 8	22 23	0 30	13 26	1 41	18 0	0 43	19 59	0 15	18 13	0 36	10 50	0 20	19 20	2 39	0 13	0 49	15 4	15 16	2 1							
F 10	17 29	2 32	0 40	22 8	1 57	22 36	0 33	13 13	1 42	17 58	0 43	19 59	0 15	18 13	0 36	10 50	0 20	19 20	2 39	0 13	0 50	15 6	15 17	2 1							
S 11	17 45	1n18	0s26	21 53	1 44	22 48	0 35	13 0	1 43	17 57	0 43	19 59	0 15	18 13	0 36	10 50	0 20	19 20	2 38	0 13	0 51	15 7	15 18	2 1							
S 12	18 0	5 1	1 30	21 35	1 31	23 0	0 38	12 47	1 45	17 55	0 43	19 59	0 15	18 13	0 36	10 49	0 20	19 20	2 38	0 13	0 53	15 8	15 19	2 1							
M13	18 15	8 31	2 29	21 15	1 16	23 11	0 41	12 33	1 46	17 53	0 43	20 0	0 15	18 13	0 36	10 49	0 20	19 20	2 38	0 15	0 54	15 9	15 20	2 1							
T 14	18 30	11 38	3 21	20 54	1 1	23 21	0 43	12 20	1 47	17 51	0 43	20 0	0 15	18 13	0 36	10 49	0 20	19 20	2 38	0 17	0 55	15 10	15 21	2 1							
W15	18 45	14 17	4 4	20 31	0 45	23 31	0 46	12 7	1 49	17 49	0 43	20 0	0 15	18 13	0 36	10 49	0 20	19 20	2 38	0 21	0 56	15 11	15 22	2 1							
T 16	18 59	16 19	4 36	20 7	0 28	23 40	0 48	11 53	1 50	17 47	0 43	20 0	0 15	18 13	0 36	10 48	0 21	19 20	2 38	0 25	0 58	15 12	15 23	2 1							
F 17	19 12	17 40	4 56	19 43	0 11	23 48	0 51	11 40	1 52	17 46	0 43	20 0	0 15	18 13	0 36	10 48	0 21	19 20	2 38	0 29	0 59	15 13	15 24	2 1							
S 18	19 26	18 16	5 4	19 17	0s 6	23 56	0 53	11 26	1 53	17 43	0 43	20 0	0 15	18 13	0 36	10 48	0 21	19 20	2 38	0 34	1 0	15 14	15 25	2 1							
S 19	19 39	18 2	4 58	18 52	0 24	24 3	0 56	11 12	1 54	17 41	0 43	20 1	0 15	18 14	0 36	10 48	0 21	19 20	2 38	0 37	1 1	15 15	15 26	2 1							
M20	19 52	17 0	4 39	18 26	0 41	24 9	0 58	10 59	1 56	17 39	0 43	20 1	0 15	18 14	0 36	10 48	0 21	19 20	2 37	0 41	1 3	15 16	15 26	2 1							
T 21	20 4	15 9	4 7	18 0	0 59	24 15	1 0	10 45	1 57	17 37	0 43	20 1	0 15	18 14	0 36	10 47	0 21	19 20	2 37	0 43	1 4	15 17	15 27	2 1							
W22	20 16	12 35	3 23	17 36	1 16	24 20	1 3	10 31	1 59	17 35	0 43	20 2	0 15	18 14	0 37	10 47	0 21	19 20	2 37	0 44	1 5	15 18	15 28	2 2							
T 23	20 28	9 20	2 27	17 12	1 32	24 24	1 5	10 17	2 0	17 33	0 43	20 2	0 15	18 14	0 37	10 47	0 21	19 20	2 37	0 44	1 6	15 19	15 29	2 2							
F 24	20 39	5 33	1 22	16 49	1 48	24 28	1 7	10 13	2 1	17 30	0 43	20 2	0 15	18 14	0 37	10 47	0 21	19 19	2 37	0 44	1 8	15 20	15 30	2 2							
S 25	20 50	1 21	0 10	16 28	2 3	24 31	1 10	9 49	2 3	17 28	0 43	20 3	0 15	18 14	0 37	10 47	0 21	19 19	2 37	0 44	1 9	15 21	15 31	2 2							
S 26	21 1	3s 3	1n 4	16 9	2 17	24 33	1 12	9 35	2 4	17 26	0 43	20 3	0 14	18 15	0 37	10 47	0 21	19 19	2 37	0 44	1 10	15 22	15 32	2 2							
M27	21 11	7 25	2 16	15 51	2 31	24 34	1 14	9 21	2 6	17 23	0 43	20 3	0 14	18 15	0 37	10 47	0 21	19 19	2 37	0 45	1 11	15 23	15 33	2 2							
T 28	21 21	11 26	3 21	15 36	2 43	24 35	1 16	9 7	2 7	17 21	0 43	20 4	0 14	18 15	0 37	10 47	0 21	19 19	2 37	0 47	1 13	15 24	15 34	2 2							
W29	21 31	14 47	4 14	15 22	2 54	24 35	1 18	8 53	2 9	17 19	0 43	20 4	0 14	18 15	0 37	10 47	0 21	19 19	2 37	0 50	1 14	15 25	15 35	2 2							
T 30	21 40	17 8	4 48	15 11	3 4	24 34	1 20	8 39	2 10	17 16	0 43	20 5	0 14	18 15	0 37	10 46	0 21	19 19	2 36	0 54	1 15	15 26	15 35	2 2							
F 31	21n49	18s14	5n 2	15n 1	3s13	24n32	1n22	8s25	2s12	17n14	0n43	20s 5	0n14	18s16	0s37	10s46	0s21	19n19	2s36	0n58	1n17	15n27	15n36	2s 0							

## ASTRODIENST EPHEMERIS for the year 2667

JUNE 2667

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 37 8	10♐35'40	10♋21	21♋49	8♋3	14♋21	14♏13	28°R47	10°R 1	2♋46	19♋49	27°R25	26♐44	29♋21	19♋40	S 1
S 2	16 41 4	11°33'25	25° 0	21°57	9°16	15° 2	14°22	28♋45	10♋0	2°46	19°50	27♐16	26°41	29°28	19°44	S 2
M 3	16 45 1	12°31'08	9♋10	22° 9	10°28	15°42	14°31	28°43	9°59	2°46	19°51	27°10	26°37	29°35	19°47	M 3
T 4	16 48 57	13°28'50	22°50	22°25	11°41	16°22	14°40	28°40	9°58	2°46	19°53	27° 7	26°34	29°41	19°51	T 4
W 5	16 52 54	14°26'31	6♋2	22°46	12°53	17° 2	14°49	28°38	9°57	2°R46	19°54	27° 5	26°31	29°48	19°55	W 5
T 6	16 56 50	15°24'12	18°48	23°11	14° 5	17°42	14°59	28°35	9°56	2°46	19°55	27°D 5	26°28	29°55	19°58	T 6
F 7	17 0 47	16°21'51	1♐13	23°40	15°17	18°22	15° 8	28°33	9°55	2°46	19°56	27°R 5	26°25	0♐2	20° 2	F 7
S 8	17 4 43	17°19'29	13°23	24°14	16°30	19° 1	15°18	28°30	9°54	2°46	19°58	27° 4	26°21	0° 8	20° 5	S 8
S 9	17 8 40	18°17'07	25°22	24°51	17°42	19°41	15°27	28°27	9°53	2°46	19°59	27° 1	26°18	0°15	20° 8	S 9
M10	17 12 37	19°14'43	7♋14	25°32	18°54	20°21	15°37	28°25	9°51	2°46	20° 0	26°56	26°15	0°22	20°12	M10
T 11	17 16 33	20°12'19	19° 4	26°18	20° 6	21° 0	15°47	28°22	9°50	2°46	20° 2	26°48	26°12	0°28	20°15	T 11
W12	17 20 30	21° 9'54	0♐54	27° 6	21°18	21°40	15°57	28°19	9°49	2°46	20° 3	26°37	26° 9	0°35	20°19	W12
T 13	17 24 26	22° 7'28	12°46	27°59	22°30	22°19	16° 7	28°15	9°48	2°45	20° 4	26°24	26° 6	0°42	20°22	T 13
F 14	17 28 23	23° 5'01	24°43	28°55	23°42	22°58	16°17	28°12	9°46	2°45	20° 6	26°10	26° 2	0°49	20°25	F 14
S 15	17 32 19	24° 2'32	6♋45	29°54	24°54	23°38	16°27	28° 9	9°45	2°45	20° 7	25°56	25°59	0°55	20°29	S 15
S 16	17 36 16	25° 0'03	18°54	0♐57	26° 6	24°17	16°38	28° 6	9°43	2°44	20° 9	25°44	25°56	1° 2	20°32	S 16
M17	17 40 13	25°57'33	1♏11	2° 3	27°18	24°56	16°48	28° 2	9°42	2°44	20°10	25°34	25°53	1° 9	20°35	M17
T 18	17 44 9	26°55'02	13°37	3°12	28°29	25°34	16°59	27°59	9°40	2°44	20°11	25°26	25°50	1°15	20°38	T 18
W19	17 48 6	27°52'29	26°15	4°25	29°41	26°13	17° 9	27°56	9°39	2°43	20°13	25°21	25°47	1°22	20°42	W19
T 20	17 52 2	28°49'56	9♐8	5°40	0♏53	26°52	17°20	27°52	9°37	2°43	20°14	25°19	25°43	1°29	20°45	T 20
F 21	17 55 59	29°47'21	22°17	6°59	2° 4	27°30	17°31	27°48	9°36	2°42	20°16	25°19	25°40	1°35	20°48	F 21
S 22	17 59 55	0♋44'45	5♏48	8°20	3°16	28° 9	17°41	27°45	9°34	2°42	20°17	25°19	25°37	1°42	20°51	S 22
S 23	18 3 52	1°42'08	19°40	9°45	4°27	28°47	17°52	27°41	9°32	2°41	20°18	25°18	25°34	1°49	20°54	S 23
M24	18 7 48	2°39'31	3♐56	11°12	5°39	29°25	18° 3	27°37	9°30	2°40	20°20	25°15	25°31	1°56	20°57	M24
T 25	18 11 45	3°36'52	18°54	12°43	6°50	0♐4	18°14	27°34	9°29	2°40	20°21	25°10	25°27	2° 2	21° 0	T 25
W26	18 15 42	4°34'12	3♋30	14°16	8° 1	0°42	18°25	27°30	9°27	2°39	20°23	25° 3	25°24	2° 9	21° 3	W26
T 27	18 19 38	5°31'32	18°36	15°52	9°12	1°19	18°37	27°26	9°25	2°39	20°24	24°53	25°21	2°16	21° 6	T 27
F 28	18 23 35	6°28'51	3♋43	17°32	10°24	1°57	18°48	27°22	9°23	2°38	20°26	24°43	25°18	2°22	21° 9	F 28
S 29	18 27 31	7°26'09	18°40	19°13	11°35	2°35	18°59	27°18	9°21	2°37	20°27	24°32	25°15	2°29	21°12	S 29
S 30	18 31 28	8♋23'27	3♋18	20♐58	12♏46	3♐12	19♏11	27♋14	9♋19	2♋36	20♋29	24♐23	25♐12	2♐36	21♋15	S 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	21n57	18s 3	4n54	14n54	3s21	24n30	1n24	8s11	2s13	17n11	0n43	20s 6	0n14	18s16	0s37	10s46
S 2	22 5	16 40	4 28	14 50	3 28	24 27	1 26	7 57	2 14	17 8	0 43	20 6	0 14	18 16	0 37	10 46
M 3	22 13	14 16	3 45	14 47	3 34	24 24	1 28	7 43	2 16	17 6	0 43	20 7	0 14	18 16	0 37	10 46
T 4	22 20	11 9	2 51	14 46	3 39	24 20	1 30	7 28	2 17	17 3	0 42	20 7	0 14	18 17	0 37	10 46
W 5	22 27	7 34	1 49	14 48	3 43	24 15	1 31	7 14	2 19	17 0	0 42	20 8	0 14	18 17	0 37	10 46
T 6	22 33	3 45	0 44	14 51	3 46	24 9	1 33	7 0	2 20	16 57	0 42	20 8	0 14	18 17	0 37	10 46
F 7	22 39	0n 9	0s22	14 57	3 47	24 3	1 35	6 46	2 22	16 55	0 42	20 9	0 14	18 18	0 37	10 46
S 8	22 45	3 57	1 25	15 4	3 48	23 56	1 36	6 32	2 23	16 52	0 42	20 10	0 14	18 18	0 37	10 47
S 9	22 50	7 33	2 24	15 13	3 48	23 48	1 38	6 17	2 25	16 49	0 42	20 10	0 14	18 18	0 37	10 47
M10	22 55	10 48	3 15	15 23	3 48	23 40	1 39	6 3	2 26	16 46	0 42	20 11	0 13	18 19	0 37	10 47
T 11	22 59	13 36	3 58	15 35	3 46	23 30	1 40	5 49	2 28	16 43	0 42	20 12	0 13	18 19	0 37	10 47
W12	23 3	15 51	4 31	15 49	3 43	23 21	1 42	5 35	2 29	16 40	0 42	20 12	0 13	18 19	0 37	10 47
T 13	23 7	17 26	4 51	16 4	3 40	23 10	1 43	5 21	2 31	16 37	0 42	20 13	0 13	18 20	0 37	10 47
F 14	23 10	18 15	5 0	16 20	3 36	22 59	1 44	5 7	2 32	16 34	0 42	20 14	0 13	18 20	0 37	10 47
S 15	23 13	18 17	4 54	16 37	3 31	22 48	1 45	4 52	2 34	16 31	0 42	20 14	0 13	18 21	0 37	10 47
S 16	23 15	17 28	4 36	16 55	3 26	22 35	1 46	4 38	2 35	16 28	0 42	20 15	0 13	18 21	0 37	10 47
M17	23 17	15 50	4 5	17 14	3 20	22 23	1 47	4 24	2 37	16 25	0 42	20 16	0 13	18 21	0 37	10 48
T 18	23 19	13 28	3 21	17 33	3 13	22 9	1 48	4 10	2 38	16 22	0 42	20 17	0 13	18 22	0 37	10 48
W19	23 20	10 25	2 27	17 54	3 6	21 55	1 49	3 56	2 40	16 18	0 42	20 17	0 13	18 22	0 37	10 48
T 20	23 21	6 49	1 24	18 14	2 58	21 40	1 50	3 42	2 41	16 15	0 42	20 18	0 13	18 23	0 37	10 48
F 21	23 21	2 48	0 16	18 36	2 50	21 25	1 50	3 28	2 42	16 12	0 42	20 19	0 13	18 23	0 37	10 48
S 22	23 21	1s27	0n55	18 57	2 41	21 9	1 51	3 15	2 44	16 9	0 42	20 20	0 13	18 24	0 38	10 48
S 23	23 20	5 44	2 5	19 19	2 32	20 53	1 51	3 1	2 45	16 5	0 42	20 20	0 13	18 24	0 38	10 49
M24	23 19	9 49	3 9	19 41	2 23	20 36	1 52	2 47	2 47	16 2	0 42	20 21	0 12	18 25	0 38	10 49
T 25	23 18	13 24	4 2	20 3	2 13	20 18	1 52	2 33	2 48	15 59	0 42	20 22	0 12	18 25	0 38	10 49
W26	23 16	16 11	4 40	20 24	2 2	20 0	1 52	2 19	2 50	15 55	0 42	20 23	0 12	18 26	0 38	10 49
T 27	23 14	17 54	4 59	20 45	1 52	19 42	1 53	2 6	2 51	15 52	0 42	20 24	0 12	18 26	0 38	10 50
F 28	23 12	18 21	4 57	21 6	1 41	19 23	1 53	1 52	2 53	15 48	0 42	20 25	0 12	18 27	0 38	10 50
S 29	23 9	17 31	4 35	21 26	1 29	19 3	1 53	1 39	2 54	15 45	0 42	20 25	0 12	18 27	0 38	10 50
S 30	23n 5	15s32	3n55	21n45	1s18	18n43	1n53	1s25	2s56	15n41	0n42	20s26	0n12	18s28	0s38	10s51

Julian Day Number = 2695312.5, Delta T = 24m50s

Ecliptic obliquity = 23°21'00, Nutation = - 0°00'02

Ayanamsha: Fagan/Bradley = 34°04'36, Lahiri = 33°11'36

## ASTRODIENST EPHEMERIS for the year 2667

JULY 2667

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	18 35 24	9°20'44	17°30'30	22°46'46	13°57'57	3°49'49	19°22'22	27°10'10	9°17'17	2°36'36	20°30'30	24°17'17	25°08'08	2°43'43	21°17'17	M 1
T 2	18 39 21	10°18'01	1°15'15	24°36'36	15°08'08	4°27'27	19°34'34	27°06'06	9°15'15	2°35'35	20°32'32	24°12'12	25°05'05	2°49'49	21°20'20	T 2
W 3	18 43 17	11°15'18	14°31'31	26°29'29	16°18'18	5°04'04	19°45'45	27°01'01	9°13'13	2°34'34	20°33'33	24°11'11	25°02'02	2°56'56	21°23'23	W 3
T 4	18 47 14	12°12'34	27°21'21	28°25'25	17°29'29	5°40'40	19°57'57	26°57'57	9°11'11	2°33'33	20°35'35	24°10'10	24°59'59	3°03'03	21°26'26	T 4
F 5	18 51 11	13°09'51	9°49'49	0°22'22	18°40'40	6°17'17	20°09'09	26°53'53	9°09'09	2°32'32	20°36'36	24°11'11	24°56'56	3°09'09	21°28'28	F 5
S 6	18 55 07	14°07'07	22°00'00	2°23'23	19°51'51	6°54'54	20°20'20	26°49'49	9°07'07	2°31'31	20°38'38	24°10'10	24°53'53	3°16'16	21°31'31	S 6
S 7	18 59 04	15°04'23	3°59'59	4°25'25	21°01'01	7°30'30	20°32'32	26°45'45	9°05'05	2°30'30	20°39'39	24°09'09	24°49'49	3°23'23	21°33'33	S 7
M 8	19 03 00	16°01'39	15°52'52	6°29'29	22°12'12	8°06'06	20°44'44	26°40'40	9°03'03	2°29'29	20°41'41	24°05'05	24°46'46	3°30'30	21°36'36	M 8
T 9	19 06 57	16°58'56	27°42'42	8°35'35	23°22'22	8°42'42	20°56'56	26°36'36	9°01'01	2°28'28	20°42'42	23°58'58	24°43'43	3°36'36	21°38'38	T 9
W10	19 10 53	17°56'12	9°11'11	10°43'43	24°32'32	9°18'18	21°08'08	26°32'32	8°59'59	2°27'27	20°44'44	23°50'50	24°40'40	3°43'43	21°41'41	W10
T 11	19 14 50	18°53'28	21°30'30	12°52'52	25°43'43	9°54'54	21°20'20	26°27'27	8°56'56	2°26'26	20°45'45	23°39'39	24°37'37	3°50'50	21°43'43	T 11
F 12	19 18 46	19°50'44	3°53'53	15°01'01	26°53'53	10°29'29	21°32'32	26°23'23	8°54'54	2°25'25	20°47'47	23°28'28	24°33'33	3°56'56	21°46'46	F 12
S 13	19 22 43	20°48'00	15°45'45	17°11'11	28°03'03	11°04'04	21°44'44	26°18'18	8°52'52	2°24'24	20°48'48	23°16'16	24°30'30	4°03'03	21°48'48	S 13
S 14	19 26 40	21°45'16	28°06'06	19°22'22	29°13'13	11°39'39	21°56'56	26°14'14	8°50'50	2°23'23	20°50'50	23°06'06	24°27'27	4°10'10	21°50'50	S 14
M15	19 30 36	22°42'32	10°37'37	21°33'33	0°23'23	12°14'14	22°09'09	26°10'10	8°47'47	2°22'22	20°51'51	22°57'57	24°24'24	4°17'17	21°53'53	M15
T 16	19 34 33	23°39'47	23°19'19	23°43'43	1°33'33	12°48'48	22°21'21	26°05'05	8°45'45	2°21'21	20°53'53	22°51'51	24°21'21	4°23'23	21°55'55	T 16
W17	19 38 29	24°37'03	6°11'11	25°53'53	2°43'43	13°23'23	22°33'33	26°01'01	8°43'43	2°19'19	20°54'54	22°48'48	24°18'18	4°30'30	21°57'57	W17
T 18	19 42 26	25°34'18	19°17'17	28°03'03	3°53'53	13°57'57	22°46'46	25°56'56	8°40'40	2°18'18	20°56'56	22°D46'46	24°14'14	4°37'37	21°59'59	T 18
F 19	19 46 22	26°31'33	2°43'43	0°11'11	5°02'02	14°31'31	22°58'58	25°52'52	8°38'38	2°17'17	20°57'57	22°47'47	24°11'11	4°43'43	22°01'01	F 19
S 20	19 50 19	27°28'47	16°10'10	2°18'18	6°12'12	15°04'04	23°11'11	25°47'47	8°36'36	2°16'16	20°59'59	22°47'47	24°08'08	4°50'50	22°03'03	S 20
S 21	19 54 15	28°26'02	0°00'00	4°25'25	7°21'21	15°37'37	23°23'23	25°43'43	8°33'33	2°14'14	21°00'00	22°R48'48	24°05'05	4°57'57	22°05'05	S 21
M22	19 58 12	29°23'17	14°08'08	6°29'29	8°31'31	16°11'11	23°36'36	25°39'39	8°31'31	2°13'13	21°02'02	22°47'47	24°02'02	5°04'04	22°07'07	M22
T 23	20 02 09	0°20'31	28°30'30	8°32'32	9°40'40	16°43'43	23°48'48	25°34'34	8°29'29	2°12'12	21°03'03	22°44'44	23°59'59	5°10'10	22°09'09	T 23
W24	20 06 05	1°17'45	13°47'47	10°34'34	10°49'49	17°16'16	24°01'01	25°30'30	8°26'26	2°10'10	21°05'05	22°39'39	23°55'55	5°17'17	22°11'11	W24
T 25	20 10 02	2°15'00	27°50'50	12°34'34	11°58'58	17°48'48	24°13'13	25°25'25	8°24'24	2°09'09	21°06'06	22°32'32	23°52'52	5°24'24	22°13'13	T 25
F 26	20 13 58	3°12'14	12°33'33	14°32'32	13°07'07	18°20'20	24°26'26	25°21'21	8°21'21	2°08'08	21°08'08	22°25'25	23°49'49	5°30'30	22°14'14	F 26
S 27	20 17 55	4°09'29	27°12'12	16°28'28	14°16'16	18°52'52	24°39'39	25°17'17	8°19'19	2°06'06	21°09'09	22°18'18	23°46'46	5°37'37	22°16'16	S 27
S 28	20 21 51	5°06'43	11°35'35	18°23'23	15°25'25	19°23'23	24°52'52	25°12'12	8°17'17	2°05'05	21°11'11	22°12'12	23°43'43	5°44'44	22°18'18	S 28
M29	20 25 48	6°03'59	25°38'38	20°15'15	16°33'33	19°54'54	25°04'04	25°08'08	8°14'14	2°04'04	21°12'12	22°07'07	23°39'39	5°51'51	22°19'19	M29
T 30	20 29 44	7°01'14	9°18'18	22°06'06	17°42'42	20°25'25	25°17'17	25°04'04	8°12'12	2°02'02	21°14'14	22°04'04	23°36'36	5°57'57	22°21'21	T 30
W31	20 33 41	7°58'30	22°33'33	23°55'55	18°50'50	20°56'56	25°50'50	24°35'35	8°09'09	2°01'01	21°15'15	22°D04'04	23°33'33	6°02'02	22°22'22	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	23n 1	12s39	3n 1	22n 3	1s 6	18n22	1n52	1s12	2s57	15n38	0n42	20s27	0n12	18s28	0s38	M 1
T 2	22 57	9 9	1 58	22 20	0 55	18 1	1 52	0 59	2 59	15 34	0 42	20 28	0 12	18 29	0 38	T 2
W 3	22 53	5 17	0 51	22 35	0 43	17 40	1 52	0 45	3 0	15 30	0 42	20 29	0 12	18 29	0 38	W 3
T 4	22 47	1 19	0s17	22 49	0 31	17 18	1 51	0 32	3 2	15 27	0 42	20 30	0 12	18 30	0 38	T 4
F 5	22 42	2n37	1 22	23 1	0 20	16 56	1 51	0 19	3 3	15 23	0 42	20 31	0 12	18 30	0 38	F 5
S 6	22 36	6 20	2 22	23 11	0 8	16 33	1 50	0 6	3 4	15 19	0 42	20 32	0 12	18 31	0 38	S 6
S 7	22 30	9 44	3 15	23 19	0n 3	16 10	1 49	0n 7	3 6	15 16	0 42	20 33	0 11	18 32	0 38	S 7
M 8	22 24	12 43	3 59	23 25	0 14	15 46	1 49	0 20	3 7	15 12	0 42	20 33	0 11	18 32	0 38	M 8
T 9	22 17	15 9	4 32	23 29	0 24	15 22	1 48	0 33	3 9	15 8	0 42	20 34	0 11	18 33	0 38	T 9
W10	22 9	16 58	4 54	23 30	0 35	14 58	1 47	0 45	3 10	15 4	0 42	20 35	0 11	18 33	0 38	W10
T 11	22 1	18 3	5 2	23 28	0 44	14 33	1 46	0 58	3 12	15 0	0 42	20 36	0 11	18 34	0 38	T 11
F 12	21 53	18 20	4 58	23 24	0 53	14 8	1 44	1 10	3 13	14 56	0 42	20 37	0 11	18 35	0 38	F 12
S 13	21 45	17 47	4 40	23 17	1 2	13 43	1 43	1 23	3 14	14 53	0 42	20 38	0 11	18 35	0 38	S 13
S 14	21 36	16 24	4 9	23 7	1 10	13 17	1 42	1 35	3 16	14 49	0 42	20 39	0 11	18 36	0 38	S 14
M15	21 27	14 13	3 25	22 54	1 17	12 51	1 40	1 47	3 17	14 45	0 42	20 40	0 11	18 36	0 38	M15
T 16	21 17	11 19	2 31	22 39	1 24	12 25	1 39	1 59	3 19	14 41	0 42	20 41	0 11	18 37	0 38	T 16
W17	21 7	7 51	1 28	22 21	1 30	11 59	1 37	2 11	3 20	14 37	0 42	20 42	0 11	18 38	0 38	W17
T 18	20 57	3 56	0 19	22 1	1 35	11 32	1 35	2 23	3 21	14 33	0 42	20 43	0 11	18 38	0 38	T 18
F 19	20 46	0s14	0n52	21 39	1 39	11 5	1 33	2 35	3 23	14 29	0 42	20 43	0 10	18 39	0 38	F 19
S 20	20 35	4 27	2 2	21 14	1 42	10 37	1 31	2 46	3 24	14 25	0 42	20 44	0 10	18 39	0 38	S 20
S 21	20 24	8 32	3 6	20 47	1 45	10 10	1 29	2 58	3 26	14 21	0 42	20 45	0 10	18 40	0 38	S 21
M22	20 12	12 12	4 0	20 19	1 47	9 42	1 27	3 9	3 27	14 16	0 42	20 46	0 10	18 41	0 38	M22
T 23	20 0	15 12	4 40	19 48	1 48	9 14	1 25	3 20	3 28	14 12	0 42	20 47	0 10	18 41	0 38	T 23
W24	19 48	17 17	5 3	19 16	1 49	8 46	1 23	3 32	3 30	14 8	0 43	20 48	0 10	18 42	0 38	W24
T 25	19 35	18 15	5 5	18 43	1 49	8 17	1 20	3 42	3 31	14 4	0 43	20 49	0 10	18 43	0 38	T 25
F 26	19 22	17 59	4 48	18 8	1 48	7 48	1 18	3 53	3 32	14 0	0 43	20 50	0 10	18 43	0 38	F 26
S 27	19 9	16 31	4 12	17 32	1 46	7 20	1 15	4 4	3 33	13 56	0 43	20 51	0 10	18 44	0 38	S 27
S 28	18 55	14 2	3 21	16 55	1 44	6 51	1 13	4 15	3 35	13 51	0 43	20 51	0 10	18 45	0 38	S 28
M29	18 41	10 46	2 18	16 17	1 42	6 22	1 10	4 25	3 36	13 47	0 43	20 52	0 10	18 45	0 38	M29
T 30	18 27	7 0	1 8	15 38	1 38	5 52	1 7	4 35	3 37	13 43	0 43	20 53	0 9	18 46	0 38	T 30
W31	18n12	2s59	0s 3	14n59	1n34	5n23	1n 4	4n45	3s39	13n39	0n43	20s54	0n 9	18s46	0s38	W31

Julian Day Number = 2695342.5, Delta T = 24m50s

Ecliptic obliquity = 23°21'00, Nutation = - 0°00'01

Ayanamsha: Fagan/Bradley = 34°04'40, Lahiri = 33°11'40

## ASTRODIENST EPHEMERIS for the year 2667

AUGUST 2667

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 37 38	8♂55'47	5♂24	25♂43	19♂59	21♂26	25♂43	24♂55	8♂7	1♂59	21♂17	22♂4	23♂30	6♂11	22♂24	T 1
F 2	20 41 34	9°53'05	17°55	27°28	21°7	21°56	25°56	24♂51	8♂5	1♂58	21°18	22°6	23°27	6°17	22°25	F 2
S 3	20 45 31	10°50'23	0♂9	29°12	22°15	22°25	26°9	24°47	8°2	1°56	21°19	22°7	23°24	6°24	22°26	S 3
S 4	20 49 27	11°47'42	12°10	0♂54	23°23	22°54	26°22	24°43	8°0	1°55	21°21	22°R 8	23°20	6°31	22°28	S 4
M 5	20 53 24	12°45'02	24°5	2°34	24°31	23°23	26°34	24°38	7°57	1°53	21°22	22°7	23°17	6°38	22°29	M 5
T 6	20 57 20	13°42'23	5♂57	4°12	25°38	23°51	26°47	24°34	7°55	1°52	21°24	22°4	23°14	6°44	22°30	T 6
W 7	21 1 17	14°39'45	17°51	5°49	26°46	24°19	27°0	24°30	7°53	1°50	21°25	22°0	23°11	6°51	22°31	W 7
T 8	21 5 13	15°37'08	29°51	7°23	27°54	24°47	27°13	24°26	7°50	1°49	21°27	21°55	23°8	6°58	22°32	T 8
F 9	21 9 10	16°34'31	12♂0	8°56	29°1	25°14	27°27	24°22	7°48	1°47	21°28	21°49	23°5	7°5	22°33	F 9
S 10	21 13 7	17°31'55	24°21	10°27	0♂8	25°41	27°40	24°19	7°45	1°46	21°29	21°43	23°1	7°11	22°34	S 10
S 11	21 17 3	18°29'21	6♂55	11°57	1°15	26°7	27°53	24°15	7°43	1°44	21°31	21°38	22°58	7°18	22°35	S 11
M12	21 21 0	19°26'47	19°43	13°24	2°22	26°33	28°6	24°11	7°41	1°42	21°32	21°33	22°55	7°25	22°36	M12
T 13	21 24 56	20°24'14	2♂44	14°50	3°29	26°58	28°19	24°7	7°38	1°41	21°33	21°31	22°52	7°31	22°37	T 13
W14	21 28 53	21°21'41	15°59	16°13	4°35	27°23	28°32	24°3	7°36	1°39	21°35	21°D29	22°49	7°38	22°38	W14
T 15	21 32 49	22°19'10	29°26	17°35	5°42	27°47	28°45	24°0	7°34	1°38	21°36	21°29	22°45	7°45	22°38	T 15
F 16	21 36 46	23°16'39	13♂4	18°55	6°48	28°11	28°58	23°56	7°32	1°36	21°38	21°30	22°42	7°52	22°39	F 16
S 17	21 40 42	24°14'08	26°53	20°13	7°54	28°35	29°11	23°53	7°29	1°34	21°39	21°32	22°39	7°58	22°39	S 17
S 18	21 44 39	25°11'39	10♂52	21°29	9°0	28°58	29°24	23°49	7°27	1°33	21°40	21°33	22°36	8°5	22°40	S 18
M19	21 48 36	26°9'10	24°59	22°43	10°6	29°20	29°38	23°46	7°25	1°31	21°41	21°R34	22°33	8°12	22°40	M19
T 20	21 52 32	27°6'42	9♂14	23°54	11°12	29°42	29°51	23°42	7°22	1°29	21°43	21°33	22°30	8°18	22°41	T 20
W21	21 56 29	28°4'15	23°33	25°4	12°17	0♂3	0♂4	23°39	7°20	1°28	21°44	21°32	22°26	8°25	22°41	W21
T 22	22 0 25	29°1'48	7♂53	26°11	13°23	0°24	0°17	23°36	7°18	1°26	21°45	21°29	22°23	8°32	22°42	T 22
F 23	22 4 22	29°59'22	22°10	27°15	14°28	0°45	0°30	23°33	7°16	1°25	21°46	21°27	22°20	8°39	22°42	F 23
S 24	22 8 18	0♂56'58	6♂20	28°17	15°33	1°4	0°43	23°30	7°14	1°23	21°48	21°24	22°17	8°45	22°42	S 24
S 25	22 12 15	1°54'34	20°19	29°17	16°37	1°23	0°56	23°27	7°12	1°21	21°49	21°21	22°14	8°52	22°42	S 25
M26	22 16 11	2°52'11	4♂2	0♂14	17°42	1°42	1°10	23°24	7°10	1°20	21°50	21°20	22°10	8°59	22°42	M26
T 27	22 20 8	3°49'49	17°27	1°7	18°46	2°0	1°23	23°21	7°7	1°18	21°51	21°D19	22°7	9°5	22°R42	T 27
W28	22 24 4	4°47'29	0♂33	1°58	19°50	2°17	1°36	23°18	7°5	1°16	21°52	21°19	22°4	9°12	22°42	W28
T 29	22 28 1	5°45'10	13°20	2°46	20°54	2°34	1°49	23°16	7°3	1°15	21°54	21°20	22°1	9°19	22°42	T 29
F 30	22 31 58	6°42'53	25°49	3°30	21°57	2°49	2°2	23°13	7°1	1°13	21°55	21°21	21°58	9°26	22°42	F 30
S 31	22 35 54	7♂40'37	8♂3	4♂11	23♂1	3♂5	2♂15	23♂10	6♂59	1♂11	21♂56	21♂23	21♂55	9♂32	22♂42	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	17n57	1n 3	1s12	14n19	1n30	4n53	1n 1	4n56	3s40	13n34	0n43	20s55	0n 9	18s47	0s38	T 1
F 2	17 42	4 55	2 16	13 38	1 25	4 24	0 58	5 5	3 41	13 30	0 43	20 56	0 9	18 48	0 38	F 2
S 3	17 27	8 29	3 12	12 58	1 20	3 54	0 54	5 15	3 42	13 26	0 43	20 57	0 9	18 48	0 38	S 3
S 4	17 11	11 39	3 58	12 16	1 14	3 24	0 51	5 25	3 43	13 21	0 43	20 57	0 9	18 49	0 38	S 4
M 5	16 55	14 17	4 34	11 35	1 8	2 54	0 48	5 34	3 45	13 17	0 43	20 58	0 9	18 50	0 38	M 5
T 6	16 39	16 19	4 58	10 53	1 1	2 24	0 44	5 43	3 46	13 13	0 43	20 59	0 9	18 50	0 38	T 6
W 7	16 22	17 39	5 10	10 11	0 54	1 54	0 41	5 52	3 47	13 8	0 43	21 0	0 9	18 51	0 38	W 7
T 8	16 6	18 13	5 8	9 30	0 47	1 24	0 37	6 1	3 48	13 4	0 43	21 1	0 9	18 51	0 38	T 8
F 9	15 49	17 58	4 52	8 48	0 39	0 54	0 33	6 10	3 49	12 59	0 43	21 1	0 9	18 52	0 38	F 9
S 10	15 31	16 52	4 22	8 6	0 31	0 24	0 29	6 18	3 50	12 55	0 43	21 2	0 8	18 53	0 38	S 10
S 11	15 14	14 56	3 39	7 25	0 23	0s 6	0 25	6 27	3 51	12 51	0 43	21 3	0 8	18 53	0 38	S 11
M12	14 56	12 14	2 45	6 43	0 14	0 37	0 21	6 35	3 53	12 46	0 43	21 4	0 8	18 54	0 38	M12
T 13	14 38	8 53	1 41	6 2	0 6	1 7	0 17	6 43	3 54	12 42	0 43	21 4	0 8	18 54	0 38	T 13
W14	14 20	5 3	0 30	5 22	0s 4	1 37	0 13	6 51	3 55	12 37	0 43	21 5	0 8	18 55	0 38	W14
T 15	14 1	0 53	0n43	4 41	0 13	2 7	0 9	6 59	3 56	12 33	0 43	21 6	0 8	18 56	0 38	T 15
F 16	13 43	3s22	1 56	4 2	0 22	2 37	0 5	7 6	3 57	12 28	0 43	21 7	0 8	18 56	0 38	F 16
S 17	13 24	7 29	3 2	3 22	0 32	3 7	0 0	7 14	3 58	12 24	0 44	21 7	0 8	18 57	0 38	S 17
S 18	13 5	11 15	3 59	2 43	0 42	3 37	0s 4	7 21	3 58	12 19	0 44	21 8	0 8	18 57	0 38	S 18
M19	12 45	14 23	4 41	2 5	0 52	4 7	0 9	7 28	3 59	12 15	0 44	21 9	0 8	18 58	0 38	M19
T 20	12 26	16 42	5 7	1 27	1 2	4 37	0 14	7 34	4 0	12 10	0 44	21 9	0 8	18 58	0 38	T 20
W21	12 6	17 58	5 14	0 51	1 13	5 7	0 18	7 41	4 1	12 5	0 44	21 10	0 7	18 59	0 38	W21
T 22	11 46	18 6	5 2	0 14	1 23	5 37	0 23	7 47	4 2	12 1	0 44	21 11	0 7	19 0	0 38	T 22
F 23	11 26	17 5	4 30	0s21	1 34	6 7	0 28	7 54	4 3	11 56	0 44	21 11	0 7	19 0	0 38	F 23
S 24	11 6	15 1	3 43	0 55	1 44	6 36	0 33	8 0	4 3	11 52	0 44	21 12	0 7	19 1	0 38	S 24
S 25	10 45	12 5	2 43	1 28	1 55	7 5	0 38	8 5	4 4	11 47	0 44	21 12	0 7	19 1	0 38	S 25
M26	10 25	8 32	1 34	2 1	2 5	7 35	0 43	8 11	4 5	11 43	0 44	21 13	0 7	19 2	0 38	M26
T 27	10 4	4 37	0 21	2 32	2 16	8 4	0 48	8 17	4 6	11 38	0 44	21 14	0 7	19 2	0 38	T 27
W28	9 43	0 34	0s51	3 1	2 27	8 33	0 53	8 22	4 6	11 33	0 44	21 14	0 7	19 3	0 38	W28
T 29	9 22	3n25	1 59	3 30	2 37	9 2	0 58	8 27	4 7	11 29	0 44	21 15	0 7	19 3	0 38	T 29
F 30	9 1	7 9	2 59	3 57	2 47	9 30	1 4	8 32	4 7	11 24	0 44	21 15	0 7	19 4	0 38	F 30
S 31	8n40	10n30	3s50	4s22	2s58	9s59	1s 9	8n36	4s 8	11n19	0n44	21s16	0n 7	19s 4	0s38	S 31

Julian Day Number = 2695373.5, Delta T = 24m50s

Ecliptic obliquity = 23°21'00, Nutation = - 0°00'01

Ayanamsha: Fagan/Bradley = 34°04'44, Lahiri = 33°11'44

# ASTRODIENST EPHEMERIS for the year 2667

SEPTEMBER 2667

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 39 51	8♎38°22	20♏6	4♎48	24♎4	3♏19	2♎28	23°R 8	6°R57	1°R10	21♏57	21♎24	21♎51	9♏39	22°R41	S 1
M 2	22 43 47	9°36'10	2♏1	5°20	25° 7	3°33	2°41	23°3 6	6°56	1°8	21°58	21°24	21°48	9°46	22°R41	M 2
T 3	22 47 44	10°33'58	13°54	5°49	26° 9	3°46	2°55	23° 3	6°54	1° 7	21°59	21°R24	21°45	9°52	22°41	T 3
W 4	22 51 40	11°31'49	25°49	6°13	27°12	3°59	3° 8	23° 1	6°52	1° 5	22° 0	21°24	21°42	9°59	22°40	W 4
T 5	22 55 37	12°29'41	7♏51	6°32	28°14	4°11	3°21	22°59	6°50	1° 3	22° 1	21°23	21°39	10° 6	22°40	T 5
F 6	22 59 33	13°27'35	20° 4	6°47	29°16	4°21	3°34	22°57	6°48	1° 2	22° 2	21°22	21°36	10°13	22°39	F 6
S 7	23 3 30	14°25'31	2♏30	6°56	0♏17	4°32	3°47	22°55	6°46	1° 0	22° 3	21°21	21°32	10°19	22°39	S 7
S 8	23 7 27	15°23'28	15°13	6°R59	1°19	4°41	4° 0	22°53	6°45	0°59	22° 4	21°20	21°29	10°26	22°38	S 8
M 9	23 11 23	16°21'27	28°15	6°57	2°20	4°50	4°13	22°51	6°43	0°57	22° 5	21°20	21°26	10°33	22°37	M 9
T 10	23 15 20	17°19'27	11♎35	6°49	3°20	4°57	4°26	22°50	6°41	0°55	22° 6	21°20	21°23	10°40	22°37	T 10
W 11	23 19 16	18°17'29	25°13	6°35	4°21	5° 4	4°39	22°48	6°40	0°54	22° 7	21°D20	21°20	10°46	22°36	W 11
T 12	23 23 13	19°15'33	9♎6	6°15	5°21	5°10	4°52	22°47	6°38	0°52	22° 8	21°20	21°16	10°53	22°35	T 12
F 13	23 27 9	20°13'38	23°11	5°48	6°20	5°16	5° 5	22°45	6°37	0°51	22° 9	21°20	21°13	11° 0	22°34	F 13
S 14	23 31 6	21°11'44	7♎25	5°15	7°20	5°20	5°18	22°44	6°35	0°49	22°10	21°R20	21°10	11° 6	22°33	S 14
S 15	23 35 2	22° 9'52	21°43	4°37	8°18	5°24	5°30	22°43	6°34	0°48	22°11	21°20	21° 7	11°13	22°32	S 15
M 16	23 38 59	23° 8'02	6♎2	3°53	9°17	5°26	5°43	22°42	6°32	0°46	22°12	21°20	21° 4	11°20	22°31	M 16
T 17	23 42 56	24° 6'13	20°18	3° 4	10°15	5°28	5°56	22°41	6°31	0°45	22°12	21°D20	21° 1	11°27	22°30	T 17
W 18	23 46 52	25° 4'25	4♏29	2°11	11°13	5°29	6° 9	22°40	6°30	0°43	22°13	21°20	20°57	11°33	22°29	W 18
T 19	23 50 49	26° 2'38	18°32	1°14	12°10	5°R29	6°22	22°39	6°28	0°42	22°14	21°20	20°54	11°40	22°27	T 19
F 20	23 54 45	27° 0'53	2♎26	0°15	13° 7	5°29	6°34	22°38	6°27	0°41	22°15	21°20	20°51	11°47	22°26	F 20
S 21	23 58 42	27°59'10	16°10	29♎14	14° 4	5°27	6°47	22°38	6°26	0°39	22°16	21°21	20°48	11°53	22°25	S 21
S 22	0 2 38	28°57'27	29°41	28°14	15° 0	5°25	7° 0	22°37	6°25	0°38	22°16	21°22	20°45	12° 0	22°23	S 22
M 23	0 6 35	29°55'47	12♎59	27°16	15°55	5°21	7°12	22°37	6°24	0°36	22°17	21°22	20°42	12° 7	22°22	M 23
T 24	0 10 31	0♎54'08	26° 3	26°20	16°50	5°17	7°25	22°36	6°22	0°35	22°18	21°R22	20°38	12°14	22°20	T 24
W 25	0 14 28	1°52'31	8♎52	25°28	17°45	5°12	7°37	22°36	6°21	0°34	22°18	21°22	20°35	12°20	22°19	W 25
T 26	0 18 24	2°50'56	21°28	24°43	18°39	5° 7	7°50	22°36	6°20	0°32	22°19	21°21	20°32	12°27	22°17	T 26
F 27	0 22 21	3°49'22	3♏51	24° 4	19°32	5° 0	8° 2	22°D36	6°19	0°31	22°20	21°19	20°29	12°34	22°16	F 27
S 28	0 26 18	4°47'51	16° 1	23°32	20°25	4°52	8°15	22°36	6°19	0°30	22°20	21°17	20°26	12°40	22°14	S 28
S 29	0 30 14	5°46'22	28° 3	23°10	21°17	4°44	8°27	22°36	6°18	0°28	22°21	21°15	20°22	12°47	22°12	S 29
M 30	0 34 11	6♎44'55	9♏58	22♎56	22♎8	4♏35	8♎39	22°36	6°17	0°27	22°21	21°13	20°19	12°54	22°10	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	8n18	13n21	4s31	4s46	3s 8	10s27	1s14	8n41	4s 8	11n15	0n45	21s16	0n 6	19s 5	0s38	11s22
M 2	7 56	15 36	4 59	5 8	3 17	10 55	1 20	8 45	4 9	11 10	0 45	21 17	0 6	19 5	0 38	11 23
T 3	7 35	17 11	5 14	5 28	3 27	11 23	1 25	8 49	4 9	11 6	0 45	21 17	0 6	19 6	0 38	11 23
W 4	7 13	18 2	5 16	5 46	3 36	11 51	1 31	8 53	4 9	11 1	0 45	21 18	0 6	19 6	0 38	11 24
T 5	6 51	18 4	5 4	6 1	3 44	12 18	1 36	8 57	4 10	10 56	0 45	21 18	0 6	19 7	0 38	11 25
F 6	6 29	17 17	4 38	6 14	3 52	12 45	1 42	9 0	4 10	10 52	0 45	21 18	0 6	19 7	0 38	11 25
S 7	6 7	15 39	3 59	6 25	4 0	13 12	1 47	9 3	4 10	10 47	0 45	21 19	0 6	19 7	0 38	11 26
S 8	5 44	13 14	3 7	6 32	4 7	13 39	1 53	9 6	4 10	10 42	0 45	21 19	0 6	19 8	0 38	11 26
M 9	5 22	10 5	2 4	6 37	4 13	14 6	1 59	9 9	4 10	10 38	0 45	21 20	0 6	19 8	0 38	11 27
T 10	4 59	6 22	0 54	6 38	4 18	14 32	2 4	9 11	4 10	10 33	0 45	21 20	0 6	19 9	0 38	11 27
W 11	4 37	2 13	0n22	6 36	4 21	14 58	2 10	9 14	4 10	10 29	0 45	21 20	0 6	19 9	0 38	11 28
T 12	4 14	2s 6	1 37	6 31	4 24	15 23	2 16	9 16	4 10	10 24	0 45	21 21	0 5	19 9	0 38	11 29
F 13	3 51	6 23	2 48	6 22	4 25	15 49	2 22	9 18	4 10	10 19	0 46	21 21	0 5	19 10	0 38	11 29
S 14	3 29	10 20	3 49	6 9	4 25	16 14	2 28	9 20	4 9	10 15	0 46	21 21	0 5	19 10	0 38	11 30
S 15	3 6	13 41	4 36	5 52	4 24	16 39	2 33	9 21	4 9	10 10	0 46	21 22	0 5	19 10	0 38	11 30
M 16	2 43	16 13	5 6	5 31	4 20	17 3	2 39	9 22	4 9	10 5	0 46	21 22	0 5	19 11	0 38	11 31
T 17	2 20	17 44	5 17	5 7	4 15	17 27	2 45	9 23	4 8	10 1	0 46	21 22	0 5	19 11	0 38	11 31
W 18	1 57	18 8	5 9	4 39	4 8	17 51	2 51	9 24	4 8	9 56	0 46	21 22	0 5	19 11	0 38	11 32
T 19	1 34	17 25	4 42	4 8	3 59	18 14	2 57	9 25	4 7	9 52	0 46	21 23	0 5	19 12	0 38	11 32
F 20	1 11	15 39	3 59	3 35	3 48	18 37	3 3	9 26	4 6	9 47	0 46	21 23	0 5	19 12	0 38	11 33
S 21	0 48	13 1	3 3	2 59	3 35	19 0	3 9	9 26	4 5	9 42	0 46	21 23	0 5	19 12	0 38	11 33
S 22	0 25	9 43	1 57	2 22	3 20	19 22	3 15	9 26	4 4	9 38	0 46	21 23	0 5	19 13	0 38	11 34
M 23	0 2	5 57	0 46	1 44	3 4	19 44	3 21	9 26	4 3	9 33	0 47	21 23	0 4	19 13	0 38	11 34
T 24	0s21	1 58	0s26	1 6	2 47	20 6	3 26	9 26	4 2	9 29	0 47	21 24	0 4	19 13	0 38	11 35
W 25	0 45	2n 3	1 35	0 28	2 28	20 27	3 32	9 25	4 1	9 24	0 47	21 24	0 4	19 13	0 38	11 35
T 26	1 8	5 53	2 39	0n 7	2 9	20 48	3 38	9 24	4 0	9 20	0 47	21 24	0 4	19 14	0 38	11 36
F 27	1 31	9 24	3 34	0 41	1 49	21 8	3 44	9 24	3 58	9 15	0 47	21 24	0 4	19 14	0 38	11 36
S 28	1 54	12 27	4 18	1 12	1 29	21 28	3 50	9 23	3 57	9 11	0 47	21 24	0 4	19 14	0 38	11 37
S 29	2 17	14 56	4 50	1 39	1 9	21 48	3 55	9 21	3 55	9 6	0 47	21 24	0 4	19 14	0 38	11 37
M 30	2s40	16n45	5s10	2n 2	0s50	22s 7	4s 1	9n20	3s53	9n 2	0n47	21s24	0n 4	19s14	0s38	11s37

Julian Day Number = 2695404.5, Delta T = 24m51s  
 Ecliptic obliquity = 23°21'00, Nutation = - 0°00'02  
 Ayanamsha: Fagan/Bradley = 34°04'49, Lahiri = 33°11'48

## ASTRODIENST EPHEMERIS for the year 2667

OCTOBER 2667

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 38 7	7 <sup>h</sup> 43'30	21 <sup>h</sup> 50	22°D52	22 <sup>h</sup> 59	4°R25	8 <sup>h</sup> 52	22 <sup>h</sup> 36	6°R16	0°R26	22 <sup>h</sup> 22	21°R12	20 <sup>h</sup> 16	13 <sup>h</sup> 11	22°R 9	T 1
W 2	0 42 4	8°42'07	3 <sup>h</sup> 34	22 <sup>h</sup> 58	23°50	4°R14	9° 4	22°37	6°R15	0°R25	22°22	21°D11	20°13	13° 7	22°R 7	W 2
T 3	0 46 0	9°40'46	15°45	23°13	24°39	4° 3	9°16	22°37	6°15	0°24	22°23	21°R11	20°10	13°14	22° 5	T 3
F 4	0 49 57	10°39'28	27°56	23°38	25°28	3°50	9°28	22°38	6°14	0°22	22°23	21°12	20° 7	13°21	22° 3	F 4
S 5	0 53 53	11°38'11	10 <sup>h</sup> 22	24°12	26°16	3°38	9°40	22°39	6°14	0°21	22°24	21°13	20° 3	13°28	22° 1	S 5
S 6	0 57 50	12°36'57	23° 8	24°56	27° 3	3°24	9°52	22°40	6°13	0°20	22°24	21°15	20° 0	13°34	21°59	S 6
M 7	1 1 47	13°35'45	6 <sup>h</sup> 16	25°47	27°50	3°10	10° 4	22°41	6°13	0°19	22°25	21°16	19°57	13°41	21°57	M 7
T 8	1 5 43	14°34'35	19°47	26°46	28°35	2°55	10°16	22°42	6°12	0°18	22°25	21°R17	19°54	13°48	21°55	T 8
W 9	1 9 40	15°33'27	3 <sup>h</sup> 43	27°53	29°20	2°39	10°28	22°43	6°12	0°17	22°25	21°16	19°51	13°54	21°52	W 9
T 10	1 13 36	16°32'21	17°59	29° 5	0 <sup>h</sup> 4	2°23	10°40	22°44	6°11	0°16	22°26	21°14	19°47	14° 1	21°50	T 10
F 11	1 17 33	17°31'18	2 <sup>h</sup> 32	0 <sup>h</sup> 24	0°47	2° 7	10°52	22°45	6°11	0°15	22°26	21°12	19°44	14° 8	21°48	F 11
S 12	1 21 29	18°30'16	17°14	1°47	1°29	1°50	11° 3	22°47	6°11	0°14	22°26	21° 8	19°41	14°15	21°46	S 12
S 13	1 25 26	19°29'16	1 <sup>h</sup> 58	3°15	2°10	1°33	11°15	22°48	6°11	0°13	22°26	21° 4	19°38	14°21	21°43	S 13
M14	1 29 22	20°28'17	16°58	4°47	2°50	1°15	11°26	22°50	6°11	0°12	22°27	21° 0	19°35	14°28	21°41	M14
T 15	1 33 19	21°27'21	1 <sup>h</sup> 3	6°22	3°29	0°57	11°38	22°52	6°10	0°11	22°27	20°57	19°32	14°35	21°39	T 15
W16	1 37 16	22°26'26	15°22	7°59	4° 6	0°39	11°49	22°53	6°D10	0°10	22°27	20°56	19°28	14°41	21°36	W16
T 17	1 41 12	23°25'33	29°19	9°38	4°42	0°20	12° 1	22°55	6°10	0°10	22°27	20°D56	19°25	14°48	21°34	T 17
F 18	1 45 9	24°24'41	13 <sup>h</sup> 0	11°19	5°17	0° 2	12°12	22°57	6°11	0° 9	22°27	20°57	19°22	14°55	21°31	F 18
S 19	1 49 5	25°23'51	26°23	13° 2	5°51	29°V43	12°23	22°59	6°11	0° 8	22°27	20°59	19°19	15° 2	21°29	S 19
S 20	1 53 2	26°23'03	9 <sup>h</sup> 32	14°45	6°24	29°24	12°34	23° 2	6°11	0° 7	22°28	21° 0	19°16	15° 8	21°26	S 20
M21	1 56 58	27°22'17	22°27	16°29	6°55	29° 6	12°45	23° 4	6°11	0° 7	22°28	21°R 0	19°13	15°15	21°24	M21
T 22	2 0 55	28°21'32	5°V10	18°14	7°24	28°47	12°56	23° 6	6°11	0° 6	22°28	20°59	19° 9	15°22	21°21	T 22
W23	2 4 51	29°20'50	17°41	19°59	7°52	28°28	13° 7	23° 9	6°12	0° 5	22°R28	20°57	19° 6	15°29	21°18	W23
T 24	2 8 48	0 <sup>h</sup> 20'09	0 <sup>h</sup> 3	21°44	8°18	28°10	13°18	23°11	6°12	0° 5	22°28	20°52	19° 3	15°35	21°16	T 24
F 25	2 12 44	1°19'30	12°15	23°28	8°43	27°52	13°29	23°14	6°13	0° 4	22°28	20°45	19° 0	15°42	21°13	F 25
S 26	2 16 41	2°18'54	24°20	25°13	9° 6	27°34	13°39	23°17	6°13	0° 3	22°28	20°38	18°57	15°49	21°10	S 26
S 27	2 20 38	3°18'19	6 <sup>h</sup> 18	26°57	9°27	27°16	13°50	23°19	6°14	0° 3	22°28	20°29	18°53	15°55	21° 8	S 27
M28	2 24 34	4°17'47	18°11	28°41	9°46	26°58	14° 0	23°22	6°14	0° 2	22°27	20°22	18°50	16° 2	21° 5	M28
T 29	2 28 31	5°17'17	0 <sup>h</sup> 2	0 <sup>h</sup> 25	10° 3	26°41	14°11	23°25	6°15	0° 2	22°27	20°15	18°47	16° 9	21° 2	T 29
W30	2 32 27	6°16'49	11°55	2° 8	10°19	26°25	14°21	23°29	6°15	0° 2	22°27	20°10	18°44	16°16	20°59	W30
T 31	2 36 24	7 <sup>h</sup> 16'23	23 <sup>h</sup> 53	3 <sup>h</sup> 50	10 <sup>h</sup> 32	26°V 8	14 <sup>h</sup> 31	23 <sup>h</sup> 32	6°R16	0°R 1	22 <sup>h</sup> 27	20 <sup>h</sup> 7	18 <sup>h</sup> 41	16 <sup>h</sup> 22	20°R57	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	3s 3	17n51	5s16	2n21	0s31	22s26	4s 7	9n18	3s52	8n57	0n47	21s24	0n 4	19s15	0s38	T 1
W 2	3 26	18 10	5 8	2 36	0 12	22 44	4 12	9 17	3 50	8 53	0 48	21 24	0 4	19 15	0 38	W 2
T 3	3 49	17 40	4 47	2 45	0n 5	23 2	4 18	9 15	3 47	8 48	0 48	21 24	0 4	19 15	0 37	T 3
F 4	4 12	16 22	4 13	2 50	0 21	23 19	4 23	9 13	3 45	8 44	0 48	21 24	0 3	19 15	0 37	F 4
S 5	4 35	14 15	3 27	2 50	0 36	23 36	4 29	9 11	3 43	8 39	0 48	21 24	0 3	19 15	0 37	S 5
S 6	4 58	11 25	2 29	2 46	0 49	23 52	4 34	9 8	3 41	8 35	0 48	21 24	0 3	19 15	0 37	S 6
M 7	5 21	7 55	1 22	2 37	1 2	24 8	4 40	9 6	3 38	8 31	0 48	21 24	0 3	19 15	0 37	M 7
T 8	5 43	3 54	0 8	2 23	1 13	24 24	4 45	9 3	3 35	8 26	0 48	21 24	0 3	19 15	0 37	T 8
W 9	6 6	0s26	1n 8	2 6	1 22	24 39	4 50	9 1	3 33	8 22	0 48	21 24	0 3	19 15	0 37	W 9
T 10	6 29	4 51	2 21	1 45	1 31	24 53	4 55	8 58	3 30	8 17	0 49	21 24	0 3	19 15	0 37	T 10
F 11	6 51	9 3	3 27	1 20	1 38	25 8	5 0	8 55	3 27	8 13	0 49	21 23	0 3	19 16	0 37	F 11
S 12	7 14	12 45	4 20	0 52	1 44	25 21	5 5	8 52	3 24	8 9	0 49	21 23	0 3	19 16	0 37	S 12
S 13	7 36	15 39	4 56	0 22	1 48	25 34	5 9	8 50	3 21	8 5	0 49	21 23	0 3	19 16	0 37	S 13
M14	7 58	17 31	5 12	0s11	1 52	25 47	5 14	8 47	3 17	8 0	0 49	21 23	0 3	19 16	0 37	M14
T 15	8 20	18 13	5 8	0 46	1 54	25 59	5 18	8 44	3 14	7 56	0 49	21 23	0 3	19 16	0 37	T 15
W16	8 42	17 45	4 45	1 23	1 56	26 10	5 23	8 41	3 11	7 52	0 49	21 23	0 2	19 16	0 37	W16
T 17	9 4	16 13	4 5	2 1	1 56	26 21	5 27	8 38	3 7	7 48	0 50	21 22	0 2	19 16	0 37	T 17
F 18	9 26	13 46	3 13	2 41	1 56	26 32	5 31	8 35	3 3	7 44	0 50	21 22	0 2	19 15	0 37	F 18
S 19	9 47	10 38	2 10	3 22	1 55	26 42	5 35	8 32	3 0	7 40	0 50	21 22	0 2	19 15	0 37	S 19
S 20	10 9	7 0	1 2	4 3	1 53	26 51	5 38	8 29	2 56	7 35	0 50	21 21	0 2	19 15	0 37	S 20
M21	10 30	3 6	0s 8	4 45	1 51	27 0	5 42	8 26	2 52	7 31	0 50	21 21	0 2	19 15	0 37	M21
T 22	10 51	0n52	1 16	5 28	1 48	27 8	5 45	8 23	2 48	7 27	0 50	21 21	0 2	19 15	0 37	T 22
W23	11 12	4 46	2 20	6 10	1 44	27 16	5 48	8 20	2 44	7 23	0 51	21 21	0 2	19 15	0 37	W23
T 24	11 33	8 23	3 16	6 53	1 40	27 23	5 51	8 17	2 40	7 19	0 51	21 20	0 2	19 15	0 37	T 24
F 25	11 53	11 37	4 2	7 36	1 36	27 29	5 53	8 15	2 36	7 15	0 51	21 20	0 2	19 15	0 37	F 25
S 26	12 14	14 18	4 37	8 18	1 31	27 35	5 56	8 12	2 32	7 11	0 51	21 19	0 2	19 15	0 37	S 26
S 27	12 34	16 22	4 59	9 1	1 26	27 40	5 58	8 10	2 28	7 8	0 51	21 19	0 2	19 15	0 37	S 27
M28	12 54	17 43	5 8	9 42	1 21	27 45	5 59	8 8	2 23	7 4	0 51	21 19	0 1	19 14	0 37	M28
T 29	13 14	18 17	5 4	10 24	1 15	27 49	6 0	8 5	2 19	7 0	0 52	21 18	0 1	19 14	0 37	T 29
W30	13 34	18 4	4 46	11 5	1 9	27 52	6 1	8 3	2 15	6 56	0 52	21 18	0 1	19 14	0 37	W30
T 31	13s53	17n 2	4s17	11s45	1n 3	27s55	6s 2	8n 2	2s11	6n52	0n52	21s17	0n 1	19s14	0s37	T 31

Julian Day Number = 2695434.5, Delta T = 24m51s

Ecliptic obliquity = 23°21'01, Nutation = - 0°00'04

Ayanamsha: Fagan/Bradley = 34°04'53, Lahiri = 33°11'53

# ASTRODIENST EPHEMERIS for the year 2667

NOVEMBER 2667

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	2 40 20	8♑16°00	6♊0	5♑32	10♑43	25°R53	14♑41	23♑35	6♑17	0°R 1	22°R27	20°D 5	18♑38	16♑29	20°R54	F 1
S 2	2 44 17	9°15'38	18°22	7°14	10°53	25°V37	14°51	23°38	6°18	0°H 0	22°D27	20♑6	18°34	16°36	20°R51	S 2
S 3	2 48 13	10°15'19	1♑3	8°55	10°59	25°23	15° 1	23°42	6°19	0° 0	22°26	20° 7	18°31	16°43	20°48	S 3
M 4	2 52 10	11°15'02	14° 8	10°35	11° 4	25° 9	15°11	23°45	6°20	29°R59	22°26	20°R 8	18°28	16°49	20°45	M 4
T 5	2 56 7	12°14'48	27°41	12°15	11° 7	24°55	15°21	23°49	6°21	29°59	22°26	20° 8	18°25	16°56	20°42	T 5
W 6	3 0 3	13°14'35	11♊41	13°54	11°R 7	24°42	15°30	23°53	6°22	29°59	22°25	20° 6	18°22	17° 3	20°39	W 6
T 7	3 4 0	14°14'25	26° 9	15°33	11° 4	24°30	15°40	23°56	6°23	29°59	22°25	20° 1	18°18	17° 9	20°37	T 7
F 8	3 7 56	15°14'16	10♑59	17°11	11° 0	24°19	15°49	24° 0	6°24	29°59	22°25	19°55	18°15	17°16	20°34	F 8
S 9	3 11 53	16°14'10	26° 4	18°49	10°53	24° 8	15°58	24° 4	6°25	29°59	22°24	19°47	18°12	17°23	20°31	S 9
S 10	3 15 49	17°14'05	11♑14	20°26	10°43	23°58	16° 8	24° 8	6°26	29°59	22°24	19°37	18° 9	17°30	20°28	S 10
M11	3 19 46	18°14'03	26°17	22° 2	10°31	23°49	16°17	24°12	6°28	29°59	22°24	19°29	18° 6	17°36	20°25	M11
T 12	3 23 42	19°14'02	11♑7	23°38	10°17	23°40	16°26	24°17	6°29	29°D59	22°23	19°22	18° 3	17°43	20°22	T 12
W13	3 27 39	20°14'02	25°35	25°14	10° 0	23°32	16°34	24°21	6°30	29°59	22°23	19°17	17°59	17°50	20°19	W13
T 14	3 31 36	21°14'04	9♑38	26°49	9°41	23°26	16°43	24°25	6°32	29°59	22°22	19°14	17°56	17°56	20°16	T 14
F 15	3 35 32	22°14'08	23°17	28°24	9°20	23°20	16°52	24°30	6°33	29°59	22°22	19°D14	17°53	18° 3	20°13	F 15
S 16	3 39 29	23°14'13	6♑33	29°59	8°56	23°14	17° 0	24°34	6°35	29°59	22°21	19°14	17°50	18°10	20°10	S 16
S 17	3 43 25	24°14'19	19°29	1♑33	8°31	23°10	17° 8	24°39	6°36	29°59	22°21	19°R15	17°47	18°17	20° 7	S 17
M18	3 47 22	25°14'27	2°V 9	3° 6	8° 3	23° 6	17°17	24°43	6°38	29°59	22°20	19°14	17°44	18°23	20° 4	M18
T 19	3 51 18	26°14'36	14°36	4°39	7°34	23° 4	17°25	24°48	6°40	29°59	22°19	19°11	17°40	18°30	20° 2	T 19
W20	3 55 15	27°14'47	26°52	6°12	7° 3	23° 2	17°33	24°53	6°41	0°H 0	22°19	19° 5	17°37	18°37	19°59	W20
T 21	3 59 11	28°15'00	9♑1	7°45	6°30	23° 0	17°41	24°58	6°43	0° 0	22°18	18°57	17°34	18°44	19°56	T 21
F 22	4 3 8	29°15'14	21° 3	9°17	5°56	23°D 0	17°48	25° 3	6°45	0° 1	22°18	18°45	17°31	18°50	19°53	F 22
S 23	4 7 5	0♑15°30	3♑1	10°49	5°21	23° 0	17°56	25° 8	6°47	0° 1	22°17	18°32	17°28	18°57	19°50	S 23
S 24	4 11 1	1°15'48	14°56	12°21	4°46	23° 2	18° 3	25°13	6°49	0° 2	22°16	18°18	17°24	19° 4	19°47	S 24
M25	4 14 58	2°16'08	26°48	13°52	4°10	23° 4	18°11	25°18	6°51	0° 2	22°15	18° 5	17°21	19°10	19°44	M25
T 26	4 18 54	3°16'29	8♑40	15°23	3°33	23° 6	18°18	25°23	6°53	0° 2	22°15	17°52	17°18	19°17	19°42	T 26
W27	4 22 51	4°16'52	20°33	16°54	2°56	23°10	18°25	25°28	6°55	0° 3	22°14	17°42	17°15	19°24	19°39	W27
T 28	4 26 47	5°17'16	2♑31	18°24	2°20	23°14	18°32	25°33	6°57	0° 4	22°13	17°35	17°12	19°31	19°36	T 28
F 29	4 30 44	6°17'43	14°37	19°54	1°44	23°19	18°38	25°39	6°59	0° 4	22°12	17°31	17° 9	19°37	19°33	F 29
S 30	4 34 40	7♑18°11	26♑55	21♑24	1♑9	23°V25	18♑45	25♑44	7♑1	0°H 5	22°D12	17♑29	17♑5	19♑44	19♑30	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	14s13	15n14	3s35	12s25	0n57	27s57	6s 2	8n 0	2s 6	6n49	0n52	21s17	0n 1	19s14	0s37	11s47
S 2	14 32	12 41	2 43	13 4	0 51	27 58	6 2	7 58	2 2	6 45	0 52	21 16	0 1	19 13	0 37	11 47
S 3	14 50	9 29	1 41	13 43	0 44	27 58	6 1	7 57	1 58	6 41	0 52	21 16	0 1	19 13	0 37	11 47
M 4	15 9	5 43	0 32	14 21	0 38	27 58	6 0	7 56	1 53	6 38	0 53	21 15	0 1	19 13	0 37	11 47
T 5	15 27	1 32	0n40	14 58	0 31	27 56	5 58	7 55	1 49	6 34	0 53	21 15	0 1	19 13	0 37	11 47
W 6	15 45	2s52	1 53	15 34	0 24	27 54	5 56	7 55	1 45	6 31	0 53	21 14	0 1	19 12	0 37	11 47
T 7	16 3	7 15	3 1	16 9	0 18	27 51	5 54	7 54	1 40	6 27	0 53	21 14	0 1	19 12	0 37	11 47
F 8	16 21	11 18	3 58	16 44	0 11	27 47	5 50	7 54	1 36	6 24	0 53	21 13	0 1	19 12	0 37	11 47
S 9	16 38	14 40	4 39	17 17	0 4	27 43	5 47	7 54	1 32	6 20	0 54	21 12	0 1	19 11	0 37	11 47
S 10	16 55	17 4	5 1	17 50	0s 3	27 37	5 42	7 54	1 28	6 17	0 54	21 12	0 0	19 11	0 37	11 47
M11	17 12	18 16	5 2	18 22	0 10	27 30	5 37	7 55	1 24	6 13	0 54	21 11	0 0	19 11	0 36	11 47
T 12	17 28	18 11	4 43	18 53	0 16	27 22	5 32	7 55	1 20	6 10	0 54	21 10	0 0	19 10	0 36	11 47
W13	17 44	16 55	4 6	19 23	0 23	27 14	5 25	7 56	1 16	6 7	0 54	21 10	0 0	19 10	0 36	11 47
T 14	18 0	14 38	3 15	19 51	0 30	27 4	5 18	7 57	1 11	6 4	0 55	21 9	0 0	19 10	0 36	11 47
F 15	18 16	11 36	2 14	20 19	0 36	26 53	5 11	7 59	1 8	6 1	0 55	21 8	0 0	19 9	0 36	11 47
S 16	18 31	8 2	1 7	20 46	0 43	26 41	5 2	8 1	1 4	5 57	0 55	21 8	0 0	19 9	0 36	11 47
S 17	18 46	4 10	0s 1	21 12	0 49	26 28	4 53	8 3	1 0	5 54	0 55	21 7	0s 0	19 8	0 36	11 47
M18	19 0	0 11	1 8	21 37	0 56	26 14	4 44	8 5	0 56	5 51	0 55	21 6	0 0	19 8	0 36	11 47
T 19	19 14	3n43	2 10	22 0	1 2	25 59	4 33	8 7	0 52	5 48	0 56	21 5	0 0	19 7	0 36	11 47
W20	19 28	7 26	3 6	22 23	1 8	25 43	4 22	8 10	0 49	5 46	0 56	21 5	0 0	19 7	0 36	11 47
T 21	19 42	10 47	3 52	22 44	1 14	25 26	4 11	8 13	0 45	5 43	0 56	21 4	0 0	19 7	0 36	11 47
F 22	19 55	13 40	4 27	23 5	1 20	25 8	3 59	8 16	0 41	5 40	0 56	21 3	0 0	19 6	0 36	11 47
S 23	20 8	15 56	4 50	23 24	1 26	24 49	3 46	8 19	0 38	5 37	0 56	21 2	0 0	19 6	0 36	11 47
S 24	20 20	17 32	5 0	23 42	1 31	24 29	3 32	8 23	0 34	5 34	0 57	21 1	0 1	19 5	0 36	11 46
M25	20 32	18 22	4 57	23 58	1 36	24 9	3 19	8 27	0 31	5 32	0 57	21 1	0 1	19 5	0 36	11 46
T 26	20 44	18 23	4 41	24 14	1 42	23 48	3 4	8 31	0 28	5 29	0 57	21 0	0 1	19 4	0 36	11 46
W27	20 55	17 37	4 13	24 28	1 46	23 27	2 50	8 35	0 25	5 27	0 57	20 59	0 1	19 4	0 36	11 46
T 28	21 6	16 3	3 34	24 42	1 51	23 5	2 35	8 40	0 21	5 24	0 58	20 58	0 1	19 3	0 36	11 46
F 29	21 17	13 46	2 44	24 53	1 56	22 43	2 20	8 45	0 18	5 22	0 58	20 57	0 1	19 2	0 36	11 46
S 30	21s27	10n49	1s47	25s 4	2s 0	22s20	2s 4	8n50	0s15	5n19	0n58	20s56	0s 1	19s 2	0s36	11s45

Julian Day Number = 2695465.5, Delta T = 24m51s  
 Ecliptic obliquity = 23°21'00, Nutation = - 0°00'05  
 Ayanamsha: Fagan/Bradley = 34°04'57, Lahiri = 33°11'57

## ASTRODIENST EPHEMERIS for the year 2667

DECEMBER 2667

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 38 37	8♂18'41	9♂31	22♂53	0°R35	23♂32	18♂52	25♂50	7♂3	0♂5	22°R11	17°R29	17♂2	19♂51	19°R28	S 1
M 2	4 42 34	9°19'13	22°28	24°22	0♂1	23°39	18°58	25°55	7°5	0°6	22°10	17°29	16°59	19°57	19°25	M 2
T 3	4 46 30	10°19'47	5♂53	25°51	29♂30	23°47	19°4	26°1	7°8	0°7	22°9	17°28	16°56	20°4	19°22	T 3
W 4	4 50 27	11°20'22	19°46	27°19	28°59	23°55	19°10	26°7	7°10	0°7	22°8	17°25	16°53	20°11	19°20	W 4
T 5	4 54 23	12°20'59	4♂9	28°46	28°31	24°5	19°16	26°12	7°12	0°8	22°7	17°19	16°50	20°18	19°17	T 5
F 6	4 58 20	13°21'37	19°0	0♂13	28°4	24°15	19°21	26°18	7°15	0°9	22°6	17°11	16°46	20°24	19°14	F 6
S 7	5 2 16	14°22'18	4♂11	1°40	27°40	24°25	19°27	26°24	7°17	0°10	22°5	17°0	16°43	20°31	19°12	S 7
S 8	5 6 13	15°22'59	19°32	3°6	27°17	24°37	19°32	26°30	7°20	0°11	22°4	16°49	16°40	20°38	19°9	S 8
M 9	5 10 9	16°23'42	4♂51	4°31	26°57	24°49	19°38	26°36	7°22	0°12	22°3	16°37	16°37	20°45	19°7	M 9
T 10	5 14 6	17°24'26	19°58	5°55	26°39	25°1	19°43	26°42	7°25	0°13	22°2	16°27	16°34	20°51	19°4	T 10
W 11	5 18 3	18°25'11	4♂42	7°18	26°24	25°14	19°47	26°48	7°27	0°14	22°2	16°20	16°30	20°58	19°2	W 11
T 12	5 21 59	19°25'58	18°59	8°40	26°11	25°28	19°52	26°54	7°30	0°15	22°0	16°16	16°27	21°5	18°59	T 12
F 13	5 25 56	20°26'45	2♂47	10°0	26°0	25°43	19°57	27°0	7°32	0°16	21°59	16°14	16°24	21°11	18°57	F 13
S 14	5 29 52	21°27'32	16°7	11°19	25°52	25°58	20°1	27°6	7°35	0°17	21°58	16°14	16°21	21°18	18°55	S 14
S 15	5 33 49	22°28'21	29°2	12°36	25°46	26°13	20°5	27°12	7°38	0°18	21°57	16°13	16°18	21°25	18°52	S 15
M 16	5 37 45	23°29'10	11♂37	13°51	25°43	26°29	20°9	27°19	7°41	0°19	21°56	16°12	16°15	21°32	18°50	M 16
T 17	5 41 42	24°30'01	23°57	15°3	25°D42	26°46	20°13	27°25	7°43	0°20	21°55	16°9	16°11	21°38	18°48	T 17
W 18	5 45 39	25°30'52	6♂5	16°13	25°44	27°3	20°17	27°31	7°46	0°21	21°54	16°3	16°8	21°45	18°45	W 18
T 19	5 49 35	26°31'44	18°5	17°19	25°48	27°21	20°20	27°38	7°49	0°22	21°53	15°54	16°5	21°52	18°43	T 19
F 20	5 53 32	27°32'37	0♂0	18°22	25°54	27°39	20°24	27°44	7°52	0°24	21°52	15°43	16°2	21°59	18°41	F 20
S 21	5 57 28	28°33'30	11°54	19°20	26°3	27°58	20°27	27°51	7°55	0°25	21°51	15°29	15°59	22°5	18°39	S 21
S 22	6 1 25	29°34'25	23°46	20°14	26°14	28°17	20°30	27°57	7°58	0°26	21°50	15°15	15°56	22°12	18°37	S 22
M 23	6 5 21	0♂35'20	5♂40	21°2	26°27	28°36	20°32	28°4	8°1	0°28	21°49	15°0	15°52	22°19	18°35	M 23
T 24	6 9 18	1°36'16	17°35	21°43	26°42	28°56	20°35	28°10	8°4	0°29	21°47	14°48	15°49	22°25	18°33	T 24
W 25	6 13 14	2°37'13	29°33	22°17	27°0	29°17	20°37	28°17	8°7	0°30	21°46	14°37	15°46	22°32	18°31	W 25
T 26	6 17 11	3°38'11	11♂37	22°43	27°19	29°38	20°40	28°24	8°10	0°32	21°45	14°29	15°43	22°39	18°29	T 26
F 27	6 21 8	4°39'10	23°48	23°0	27°40	29°59	20°42	28°30	8°13	0°33	21°44	14°25	15°40	22°46	18°28	F 27
S 28	6 25 4	5°40'10	6♂10	23°R 7	28°4	0♂21	20°43	28°37	8°16	0°35	21°43	14°23	15°36	22°52	18°26	S 28
S 29	6 29 1	6°41'11	18°46	23°4	28°29	0°43	20°45	28°44	8°19	0°36	21°42	14°D23	15°33	22°59	18°24	S 29
M 30	6 32 57	7°42'12	1♂40	22°49	28°56	1°5	20°46	28°51	8°22	0°38	21°40	14°R23	15°30	23°6	18°22	M 30
T 31	6 36 54	8♂43'15	14♂57	22♂22	29♂24	1♂28	20♂48	28♂57	8♂25	0♂39	21♂39	14♂23	15♂27	23♂12	18♂21	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	21s37	7n19	0s42	25s13	2s4	21s58	1s49	8n55	0s12	5n17	0n58	20s55	0s1	19s1	0s36	S 1
M 2	21 46	3 23	0n26	25 21	2 8	21 36	1 33	9 0	0 9	5 15	0 58	20 54	0 1	19 1	0 36	M 2
T 3	21 55	0s52	1 36	25 28	2 11	21 14	1 18	9 6	0 6	5 13	0 59	20 53	0 1	19 0	0 36	T 3
W 4	22 3	5 12	2 42	25 34	2 14	20 52	1 2	9 12	0 4	5 11	0 59	20 52	0 1	18 59	0 36	W 4
T 5	22 11	9 24	3 40	25 38	2 17	20 31	0 47	9 18	0 1	5 9	0 59	20 51	0 1	18 59	0 36	T 5
F 6	22 19	13 9	4 25	25 40	2 19	20 10	0 32	9 24	0n 2	5 7	0 59	20 50	0 1	18 58	0 36	F 6
S 7	22 26	16 6	4 53	25 42	2 21	19 50	0 17	9 30	0 4	5 5	1 0	20 49	0 1	18 58	0 36	S 7
S 8	22 33	17 58	5 0	25 42	2 23	19 31	0 2	9 36	0 7	5 3	1 0	20 48	0 2	18 57	0 36	S 8
M 9	22 39	18 31	4 45	25 41	2 24	19 12	0n12	9 43	0 9	5 1	1 0	20 47	0 2	18 56	0 36	M 9
T 10	22 45	17 44	4 11	25 38	2 25	18 55	0 26	9 50	0 12	4 59	1 0	20 46	0 2	18 56	0 36	T 10
W 11	22 51	15 46	3 20	25 34	2 25	18 38	0 40	9 57	0 14	4 57	1 1	20 45	0 2	18 55	0 36	W 11
T 12	22 56	12 53	2 19	25 29	2 25	18 22	0 53	10 4	0 17	4 56	1 1	20 44	0 2	18 54	0 36	T 12
F 13	23 0	9 21	1 10	25 22	2 24	18 7	1 6	10 12	0 19	4 54	1 1	20 43	0 2	18 54	0 36	F 13
S 14	23 5	5 27	0 1	25 14	2 23	17 53	1 18	10 19	0 21	4 53	1 1	20 42	0 2	18 53	0 36	S 14
S 15	23 8	1 25	1s 7	25 5	2 21	17 40	1 30	10 27	0 23	4 51	1 2	20 40	0 2	18 52	0 36	S 15
M 16	23 11	2n35	2 10	24 55	2 18	17 28	1 41	10 35	0 25	4 50	1 2	20 39	0 2	18 51	0 36	M 16
T 17	23 14	6 23	3 5	24 44	2 14	17 18	1 52	10 42	0 27	4 49	1 2	20 38	0 2	18 51	0 36	T 17
W 18	23 16	9 52	3 51	24 31	2 10	17 8	2 3	10 50	0 29	4 48	1 2	20 37	0 2	18 50	0 36	W 18
T 19	23 18	12 53	4 26	24 18	2 5	16 59	2 13	10 59	0 31	4 47	1 3	20 36	0 2	18 49	0 36	T 19
F 20	23 20	15 22	4 49	24 3	1 58	16 51	2 22	11 7	0 33	4 45	1 3	20 35	0 2	18 49	0 36	F 20
S 21	23 21	17 11	4 59	23 48	1 51	16 45	2 31	11 15	0 35	4 44	1 3	20 33	0 2	18 48	0 36	S 21
S 22	23 21	18 16	4 57	23 32	1 43	16 39	2 40	11 24	0 37	4 44	1 3	20 32	0 3	18 47	0 36	S 22
M 23	23 21	18 33	4 41	23 15	1 34	16 34	2 48	11 32	0 39	4 43	1 4	20 31	0 3	18 46	0 36	M 23
T 24	23 20	18 1	4 13	22 59	1 23	16 30	2 56	11 41	0 40	4 42	1 4	20 30	0 3	18 45	0 36	T 24
W 25	23 19	16 41	3 34	22 42	1 12	16 27	3 3	11 50	0 42	4 41	1 4	20 28	0 3	18 45	0 36	W 25
T 26	23 18	14 36	2 45	22 24	0 59	16 24	3 10	11 59	0 44	4 41	1 5	20 27	0 3	18 44	0 36	T 26
F 27	23 16	11 51	1 47	22 8	0 44	16 23	3 16	12 8	0 45	4 40	1 5	20 26	0 3	18 43	0 36	F 27
S 28	23 14	8 33	0 44	21 51	0 29	16 22	3 22	12 17	0 47	4 40	1 5	20 25	0 3	18 42	0 36	S 28
S 29	23 11	4 47	0n23	21 35	0 12	16 22	3 28	12 26	0 48	4 39	1 5	20 23	0 3	18 41	0 36	S 29
M 30	23 8	0 44	1 31	21 20	0n 6	16 23	3 33	12 35	0 50	4 39	1 6	20 22	0 3	18 41	0 36	M 30
T 31	23s 4	3s29	2n35	21s 6	0n24	16s24	3n38	12n45	0n51	4n39	1n 6	20s21	0s 3	18s40	0s36	T 31

Julian Day Number = 2695495.5, Delta T = 24m52s

Ecliptic obliquity = 23°21'00, Nutation = - 0°00'05

Ayanamsha: Fagan/Bradley = 34°05'01, Lahiri = 33°12'01



## ASTRODIENST EPHEMERIS for the year 2668

FEBRUARY 2668

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 43 4	11°18'18	21°27	17°34	24°33	16°13	19°47	2°43	10°15	1°40	21°R 0	12°R22	13°45	26°48	17°58	S 1
S 2	8 47 0	12°19'21	6°315	18°56	25°32	16°44	19°42	2°50	10°18	1°42	20°59	12°18	13°42	26°54	17°58	S 2
M 3	8 50 57	13°20'23	21° 9	20° 9	26°31	17°15	19°37	2°57	10°22	1°45	20°58	12°13	13°39	27° 1	17°59	M 3
T 4	8 54 53	14°21'26	6° 1	21°24	27°31	17°47	19°32	3° 4	10°26	1°47	20°57	12° 9	13°36	27° 8	17°59	T 4
W 5	8 58 50	15°22'27	20°42	22°41	28°32	18°18	19°26	3°11	10°29	1°49	20°56	12° 7	13°33	27°14	18° 0	W 5
T 6	9 2 46	16°23'28	5° 5	23°59	29°33	18°50	19°21	3°18	10°33	1°51	20°54	12° 5	13°29	27°21	18° 0	T 6
F 7	9 6 43	17°24'27	19° 5	25°18	0°34	19°22	19°15	3°25	10°36	1°53	20°53	12°D 5	13°26	27°28	18° 1	F 7
S 8	9 10 39	18°25'26	2°39	26°38	1°35	19°54	19° 9	3°32	10°40	1°56	20°52	12° 6	13°23	27°35	18° 1	S 8
S 9	9 14 36	19°26'23	15°49	28° 0	2°37	20°26	19° 3	3°39	10°43	1°58	20°51	12° 8	13°20	27°41	18° 2	S 9
M10	9 18 33	20°27'20	28°35	29°23	3°40	20°59	18°57	3°46	10°47	2° 0	20°50	12° 9	13°17	27°48	18° 3	M10
T 11	9 22 29	21°28'15	11° 1	0°46	4°42	21°31	18°51	3°52	10°50	2° 2	20°49	12°11	13°14	27°55	18° 3	T 11
W12	9 26 26	22°29'09	23°11	2°11	5°45	22° 4	18°45	3°59	10°54	2° 5	20°48	12°R11	13°10	28° 1	18° 4	W12
T 13	9 30 22	23°30'02	5°11	3°37	6°48	22°36	18°38	4° 6	10°57	2° 7	20°47	12°10	13° 7	28° 8	18° 5	T 13
F 14	9 34 19	24°30'54	17° 4	5° 3	7°52	23° 9	18°32	4°13	11° 1	2° 9	20°46	12° 9	13° 4	28°15	18° 6	F 14
S 15	9 38 15	25°31'44	28°55	6°31	8°56	23°42	18°25	4°20	11° 4	2°11	20°45	12° 7	13° 1	28°22	18° 7	S 15
S 16	9 42 12	26°32'33	10°49	7°59	10° 0	24°15	18°18	4°27	11° 8	2°14	20°44	12° 5	12°58	28°28	18° 8	S 16
M17	9 46 8	27°33'21	22°48	9°28	11° 4	24°48	18°11	4°33	11°11	2°16	20°43	12° 2	12°54	28°35	18°10	M17
T 18	9 50 5	28°34'07	4°56	10°58	12° 9	25°22	18° 4	4°40	11°14	2°18	20°42	12° 0	12°51	28°42	18°11	T 18
W19	9 54 2	29°34'52	17°15	12°29	13°14	25°55	17°57	4°47	11°18	2°21	20°41	11°58	12°48	28°49	18°12	W19
T 20	9 57 58	0°35'36	29°45	14° 1	14°19	26°28	17°50	4°53	11°21	2°23	20°40	11°57	12°45	28°55	18°13	T 20
F 21	10 1 55	1°36'19	12°28	15°34	15°24	27° 2	17°43	5° 0	11°25	2°25	20°39	11°D57	12°42	29° 2	18°15	F 21
S 22	10 5 51	2°37'00	25°24	17° 7	16°30	27°36	17°35	5° 7	11°28	2°27	20°38	11°57	12°39	29° 9	18°16	S 22
S 23	10 9 48	3°37'40	8°33	18°41	17°36	28° 9	17°28	5°13	11°31	2°30	20°37	11°58	12°35	29°15	18°18	S 23
M24	10 13 44	4°38'19	21°55	20°16	18°42	28°43	17°20	5°20	11°35	2°32	20°37	11°59	12°32	29°22	18°19	M24
T 25	10 17 41	5°38'57	5°29	21°52	19°48	29°17	17°13	5°26	11°38	2°34	20°36	11°59	12°29	29°29	18°21	T 25
W26	10 21 37	6°39'34	19°16	23°29	20°54	29°51	17° 5	5°33	11°41	2°36	20°35	12° 0	12°26	29°36	18°22	W26
T 27	10 25 34	7°40'10	3°15	25° 6	22° 1	0°25	16°57	5°39	11°44	2°39	20°34	12°R 0	12°23	29°42	18°24	T 27
F 28	10 29 31	8°40'45	17°24	26°45	23° 8	0°59	16°50	5°45	11°48	2°41	20°33	12° 0	12°19	29°49	18°26	F 28
S 29	10 33 27	9°41'18	1°41	28°24	24°15	1°33	16°42	5°52	11°51	2°43	20°33	12° 0	12°16	29°56	18°28	S 29

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
S 1	17s19	17s57	5n 8	21s30	0n41	19s25	3n50	17n55	1n21	5n10	1n14	19s34	0s 5	18s11	0s35	11s12	0s23	19n16	2s28	6n54	6n22	18n18	14n44	2s29		
S 2	17 2	18 27	4 46	21 30	0 31	19 29	3 47	18 5	1 22	5 12	1 14	19 33	0 6	18 10	0 35	11 11	0 23	19 17	2 28	6 55	6 23	18 18	14 45	2 29		
M 3	16 45	17 41	4 4	21 29	0 22	19 34	3 44	18 14	1 22	5 14	1 15	19 31	0 6	18 9	0 36	11 10	0 23	19 17	2 28	6 57	6 24	18 19	14 45	2 29		
T 4	16 28	15 42	3 5	21 26	0 13	19 38	3 42	18 23	1 23	5 17	1 15	19 30	0 6	18 8	0 36	11 9	0 23	19 17	2 28	6 59	6 26	18 19	14 45	2 28		
W 5	16 10	12 44	1 55	21 22	0 5	19 42	3 39	18 33	1 23	5 19	1 15	19 28	0 6	18 7	0 36	11 9	0 23	19 17	2 28	7 0	6 27	18 19	14 45	2 28		
T 6	15 52	9 1	0 38	21 18	0s 4	19 45	3 35	18 42	1 24	5 21	1 15	19 26	0 6	18 6	0 36	11 8	0 23	19 18	2 28	7 0	6 28	18 20	14 45	2 28		
F 7	15 34	4 54	0s38	21 12	0 12	19 49	3 32	18 51	1 24	5 24	1 15	19 25	0 6	18 5	0 36	11 7	0 23	19 18	2 28	7 0	6 29	18 20	14 45	2 28		
S 8	15 15	0 39	1 51	21 5	0 20	19 51	3 29	19 0	1 24	5 26	1 16	19 23	0 6	18 4	0 36	11 6	0 23	19 18	2 28	7 0	6 30	18 20	14 46	2 28		
S 9	14 56	3n30	2 55	20 56	0 28	19 54	3 26	19 9	1 25	5 29	1 16	19 22	0 6	18 3	0 36	11 5	0 23	19 18	2 28	6 59	6 32	18 21	14 46	2 28		
M10	14 37	7 22	3 49	20 47	0 36	19 56	3 22	19 18	1 25	5 31	1 16	19 20	0 6	18 2	0 36	11 5	0 23	19 19	2 28	6 59	6 33	18 21	14 46	2 28		
T 11	14 18	10 47	4 30	20 36	0 43	19 58	3 19	19 27	1 26	5 34	1 16	19 19	0 6	18 1	0 36	11 4	0 23	19 19	2 27	6 58	6 34	18 21	14 47	2 28		
W12	13 58	13 41	4 58	20 25	0 50	19 59	3 15	19 36	1 26	5 37	1 16	19 17	0 6	18 0	0 36	11 3	0 23	19 19	2 27	6 58	6 35	18 22	14 47	2 28		
T 13	13 38	15 57	5 13	20 12	0 57	20 0	3 11	19 45	1 27	5 39	1 17	19 16	0 6	17 59	0 36	11 2	0 23	19 19	2 27	6 58	6 37	18 22	14 47	2 28		
F 14	13 18	17 31	5 14	19 57	1 3	20 0	3 7	19 54	1 27	5 42	1 17	19 14	0 6	17 58	0 36	11 1	0 23	19 20	2 27	6 59	6 38	18 22	14 48	2 28		
S 15	12 58	18 19	5 2	19 42	1 10	20 0	3 4	20 2	1 27	5 45	1 17	19 13	0 6	17 57	0 36	11 1	0 23	19 20	2 27	6 59	6 39	18 23	14 48	2 28		
S 16	12 37	18 19	4 37	19 25	1 16	19 59	3 0	20 11	1 28	5 48	1 17	19 11	0 7	17 57	0 36	11 0	0 23	19 20	2 27	7 0	6 40	18 23	14 48	2 28		
M17	12 17	17 30	3 59	19 7	1 21	19 58	2 56	20 19	1 28	5 50	1 17	19 10	0 7	17 56	0 36	10 59	0 23	19 20	2 27	7 1	6 41	18 23	14 49	2 28		
T 18	11 56	15 52	3 11	18 48	1 27	19 57	2 52	20 28	1 28	5 53	1 17	19 8	0 7	17 55	0 36	10 58	0 23	19 21	2 27	7 2	6 43	18 24	14 49	2 27		
W19	11 35	13 30	2 13	18 28	1 32	19 55	2 47	20 36	1 29	5 56	1 18	19 6	0 7	17 54	0 36	10 57	0 23	19 21	2 27	7 3	6 44	18 24	14 49	2 27		
T 20	11 13	10 28	1 7	18 6	1 37	19 53	2 43	20 44	1 29	5 59	1 18	19 5	0 7	17 53	0 36	10 57	0 23	19 21	2 27	7 3	6 45	18 24	14 50	2 27		
F 21	10 52	6 54	0n 3	17 43	1 41	19 50	2 39	20 52	1 29	6 2	1 18	19 3	0 7	17 52	0 36	10 56	0 23	19 21	2 27	7 3	6 46	18 24	14 50	2 27		
S 22	10 30	2 57	1 14	17 19	1 45	19 46	2 35	21 0	1 29	6 5	1 18	19 2	0 7	17 51	0 36	10 55	0 23	19 22	2 26	7 3	6 47	18 25	14 51	2 27		
S 23	10 8	1s12	2 22	16 54	1 49	19 42	2 31	21 8	1 30	6 8	1 18	19 0	0 7	17 50	0 36	10 54	0 23	19 22	2 26	7 3	6 49	18 25	14 51	2 27		
M24	9 46	5 21	3 24	16 28	1 53	19 38	2 26	21 16	1 30	6 11	1 18	18 59	0 7	17 49	0 36	10 53	0 23	19 22	2 26	7 3	6 50	18 25	14 52	2 27		
T 25	9 24	9 17	4 15	16 0	1 56	19 33	2 22	21 23	1 30	6 14	1 19	18 57	0 7	17 48	0 36	10 53	0 23	19 22	2 26	7 2	6 51	18 26	14 52	2 27		
W26	9 2	12 47	4 53	15 31	1 59	19 28	2 18	21 31	1 30	6 17	1 19	18 56	0 7	17 47	0 36	10 52	0 23	19 22	2 26	7 2	6 52	18 26	14 53	2 27		
T 27	8 40	15 36	5 14	15 1	2 2	19 22	2 13	21 38	1 31	6 20	1 19	18 54	0 7	17 47	0 36	10 51	0 23	19 23	2 26	7 2	6 53	18 26	14 53	2 27		
F 28	8 17	17 31	5 16	14 29	2 4	19 16	2 9	21 46	1 31	6 24	1 19	18 53	0 7	17 46	0 36	10 50	0 23	19 23	2 26	7 2	6 55	18 26	14 54	2 27		
S 29	7s54	18s22	4n59	13s57	2s 5	19s 9	2n 4	21n53	1n31	6n27	1n19	18s51	0s 8	17s45	0s36	10s49	0s23	19n23	2s26	7n 2	6n56	18n27	14n54	2s27		

Julian Day Number =

## ASTRODIENST EPHEMERIS for the year 2668

MARCH 2668

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 37 24	10°41'51	16°34' 4	0°41' 4	25°32'22	2°11' 7	16°R34	5°58'58	11°55'54	2°44'46	20°R32	12°R 0	12°13'13	0°25' 2	18°29'29	S 1
M 2	10 41 20	11°42'22	0°29'29	1°45' 0	26°30' 0	2°42' 0	16°17'26	6° 4' 4	11°57' 0	2°48' 0	20°33'31	12°D 0	12°10' 0	0° 9' 9	18°31'31	M 2
T 3	10 45 17	12°42'52	14°52' 0	3°28' 0	27°37' 0	3°16' 0	16°18' 0	6°11' 0	12° 1' 0	2°50' 0	20°30' 0	12°10' 0	12° 7' 0	0°16' 0	18°33'33	T 3
W 4	10 49 13	13°43'20	29° 7' 0	5°11' 0	28°45' 0	3°51' 0	16°11' 0	6°17' 0	12° 4' 0	2°52' 0	20°30' 0	12° 0' 0	12° 4' 0	0°23' 0	18°35'35	W 4
T 5	10 53 10	14°43'47	13°41'10	6°55' 0	29°53' 0	4°25' 0	16° 3' 0	6°23' 0	12° 7' 0	2°55' 0	20°29' 0	12°R 0	12° 0' 0	0°29' 0	18°37'37	T 5
F 6	10 57 6	15°44'12	26°56' 0	8°39' 0	1°41' 1	5° 0' 0	15°55' 0	6°29' 0	12°10' 0	2°57' 0	20°28' 0	12° 0' 0	11°57' 0	0°36' 0	18°39'39	F 6
S 7	11 1 3	16°44'36	10°V24	10°25' 0	2° 9' 0	5°35' 0	15°47' 0	6°35' 0	12°13' 0	2°59' 0	20°28' 0	11°59' 0	11°54' 0	0°43' 0	18°42'42	S 7
S 8	11 4 59	17°44'58	23°32' 0	12°12' 0	3°17' 0	6° 9' 0	15°39' 0	6°41' 0	12°16' 0	3° 1' 0	20°27' 0	11°59' 0	11°51' 0	0°49' 0	18°44'44	S 8
M 9	11 8 56	18°45'18	6°B20	14° 0' 0	4°26' 0	6°44' 0	15°31' 0	6°47' 0	12°19' 0	3° 4' 0	20°27' 0	11°58' 0	11°48' 0	0°56' 0	18°46'46	M 9
T 10	11 12 53	19°45'36	18°49' 0	15°49' 0	5°34' 0	7°19' 0	15°23' 0	6°53' 0	12°22' 0	3° 6' 0	20°26' 0	11°57' 0	11°45' 0	1° 3' 0	18°48'48	T 10
W 11	11 16 49	20°45'52	1°11' 2	17°39' 0	6°43' 0	7°54' 0	15°15' 0	6°58' 0	12°25' 0	3° 8' 0	20°26' 0	11°56' 0	11°41' 0	1°10' 0	18°51'51	W 11
T 12	11 20 46	21°46'06	13° 4' 0	19°30' 0	7°52' 0	8°29' 0	15° 8' 0	7° 4' 0	12°28' 0	3°10' 0	20°25' 0	11°56' 0	11°38' 0	1°16' 0	18°53'53	T 12
F 13	11 24 42	22°46'19	24°59' 0	21°22' 0	9° 0' 0	9° 4' 0	15° 0' 0	7°10' 0	12°31' 0	3°12' 0	20°25' 0	11°D55	11°35' 0	1°23' 0	18°56'56	F 13
S 14	11 28 39	23°46'29	6°E51	23°14' 0	10° 9' 0	9°39' 0	14°52' 0	7°15' 0	12°34' 0	3°14' 0	20°24' 0	11°56' 0	11°32' 0	1°30' 0	18°58'58	S 14
S 15	11 32 35	24°46'37	18°45' 0	25° 8' 0	11°19' 0	10°15' 0	14°44' 0	7°21' 0	12°37' 0	3°17' 0	20°24' 0	11°57' 0	11°29' 0	1°36' 0	19° 1' 0	S 15
M 16	11 36 32	25°46'44	0°Q46	27° 3' 0	12°28' 0	10°50' 0	14°37' 0	7°26' 0	12°39' 0	3°19' 0	20°23' 0	11°58' 0	11°25' 0	1°43' 0	19° 3' 0	M 16
T 17	11 40 28	26°46'48	12°57' 0	28°58' 0	13°37' 0	11°25' 0	14°29' 0	7°32' 0	12°42' 0	3°21' 0	20°23' 0	11°59' 0	11°22' 0	1°50' 0	19° 6' 0	T 17
W 18	11 44 25	27°46'50	25°23' 0	0°V54	14°47' 0	12° 0' 0	14°22' 0	7°37' 0	12°45' 0	3°23' 0	20°22' 0	12° 0' 0	11°19' 0	1°57' 0	19° 8' 0	W 18
T 19	11 48 22	28°46'50	8°11' 6	2°51' 0	15°56' 0	12°36' 0	14°14' 0	7°43' 0	12°48' 0	3°25' 0	20°22' 0	12°R 1	11°16' 0	2° 3' 0	19°11'11	T 19
F 20	11 52 18	29°46'48	21° 6' 0	4°48' 0	17° 6' 0	13°11' 0	14° 7' 0	7°48' 0	12°50' 0	3°27' 0	20°22' 0	12° 1' 0	11°13' 0	2°10' 0	19°14'14	F 20
S 21	11 56 15	0°V46'45	4°Q25	6°46' 0	18°15' 0	13°46' 0	14° 0' 0	7°53' 0	12°53' 0	3°29' 0	20°21' 0	12° 0' 0	11°10' 0	2°17' 0	19°17'17	S 21
S 22	12 0 11	1°46'39	18° 0' 0	8°44' 0	19°25' 0	14°22' 0	13°52' 0	7°58' 0	12°56' 0	3°31' 0	20°21' 0	11°58' 0	11° 6' 0	2°23' 0	19°19'19	S 22
M 23	12 4 8	2°46'32	1°11'50	10°41' 0	20°35' 0	14°57' 0	13°45' 0	8° 3' 0	12°58' 0	3°33' 0	20°21' 0	11°55' 0	11° 3' 0	2°30' 0	19°22'22	M 23
T 24	12 8 4	3°46'23	15°51' 0	12°39' 0	21°45' 0	15°33' 0	13°38' 0	8° 8' 0	13° 1' 0	3°35' 0	20°21' 0	11°52' 0	11° 0' 0	2°37' 0	19°25'25	T 24
W 25	12 12 1	4°46'12	0°X 0	14°36' 0	22°55' 0	16° 9' 0	13°31' 0	8°13' 0	13° 3' 0	3°38' 0	20°20' 0	11°49' 0	10°57' 0	2°44' 0	19°28'28	W 25
T 26	12 15 57	5°45'59	14°13' 0	16°32' 0	24° 6' 0	16°44' 0	13°24' 0	8°18' 0	13° 6' 0	3°40' 0	20°20' 0	11°46' 0	10°54' 0	2°50' 0	19°31'31	T 26
F 27	12 19 54	6°45'46	28°27' 0	18°27' 0	25°16' 0	17°20' 0	13°18' 0	8°23' 0	13° 8' 0	3°42' 0	20°20' 0	11°45' 0	10°50' 0	2°57' 0	19°34'34	F 27
S 28	12 23 51	7°45'30	12°33'38	20°21' 0	26°26' 0	17°56' 0	13°11' 0	8°28' 0	13°11' 0	3°43' 0	20°20' 0	11°D45	10°47' 0	3° 4' 0	19°37'37	S 28
S 29	12 27 47	8°45'13	26°46' 0	22°12' 0	27°37' 0	18°31' 0	13° 4' 0	8°32' 0	13°13' 0	3°45' 0	20°20' 0	11°46' 0	10°44' 0	3°10' 0	19°40'40	S 29
M 30	12 31 44	9°44'54	10°Q48	24° 1' 0	28°47' 0	19° 7' 0	12°58' 0	8°37' 0	13°15' 0	3°47' 0	20°20' 0	11°47' 0	10°41' 0	3°17' 0	19°43'43	M 30
T 31	12 35 40	10°V44'33	24°Q42	25°V47' 0	29°Q58	19°11'43	12°11'52	8°Q42	13°Q18	3°Q49	20°Q19	11°11'49	10°11'38	3°Q24	19°Q46	T 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	7s32	18s 2	4n23	13s23	2s 7	19s 1	2n 0	22n 0	1n31	6n30	1n19	18s50	0s 8	17s44	0s36	10s49	0s23	19n23	2s26	7n 2	6n57	18n27	14n55	2s27						
M 2	7 9	16 32	3 31	12 48	2 8	18 53	1 55	22 7	1 31	6 33	1 19	18 49	0 8	17 43	0 36	10 48	0 23	19 24	2 25	7 2	6 58	18 27	14 55	2 27						
T 3	6 46	14 0	2 25	12 12	2 8	18 45	1 51	22 14	1 31	6 36	1 19	18 47	0 8	17 42	0 36	10 47	0 23	19 24	2 25	7 2	7 0	18 28	14 56	2 27						
W 4	6 23	10 38	1 11	11 34	2 9	18 36	1 46	22 20	1 32	6 39	1 19	18 46	0 8	17 41	0 36	10 46	0 23	19 24	2 25	7 2	7 1	18 28	14 57	2 27						
T 5	6 0	6 42	0s 6	10 56	2 8	18 26	1 42	22 27	1 32	6 42	1 19	18 44	0 8	17 40	0 36	10 45	0 23	19 24	2 25	7 2	7 2	18 28	14 57	2 26						
F 6	5 36	2 28	1 22	10 16	2 8	18 16	1 37	22 33	1 32	6 45	1 19	18 43	0 8	17 40	0 36	10 45	0 23	19 24	2 25	7 2	7 3	18 28	14 58	2 26						
S 7	5 13	1n47	2 31	9 35	2 7	18 6	1 33	22 40	1 32	6 49	1 20	18 41	0 8	17 39	0 36	10 44	0 23	19 25	2 25	7 2	7 4	18 29	14 58	2 26						
S 8	4 49	5 50	3 31	8 53	2 5	17 55	1 28	22 46	1 32	6 52	1 20	18 40	0 8	17 38	0 36	10 43	0 23	19 25	2 25	7 3	7 6	18 29	14 59	2 26						
M 9	4 26	9 31	4 18	8 10	2 3	17 43	1 24	22 52	1 32	6 55	1 20	18 39	0 8	17 37	0 36	10 42	0 23	19 25	2 25	7 3	7 7	18 29	15 0	2 26						
T 10	4 2	12 41	4 51	7 25	2 0	17 31	1 19	22 58	1 32	6 58	1 20	18 37	0 8	17 36	0 36	10 41	0 23	19 25	2 25	7 3	7 8	18 29	15 0	2 26						
W 11	3 39	15 13	5 11	6 40	1 57	17 19	1 15	23 4	1 32	7 1	1 20	18 36	0 8	17 35	0 36	10 41	0 23	19 25	2 25	7 4	7 9	18 30	15 1	2 26						
T 12	3 15	17 3	5 17	5 53	1 54	17 6	1 11	23 10	1 33	7 4	1 20	18 34	0 9	17 35	0 36	10 40	0 23	19 25	2 24	7 4	7 10	18 30	15 2	2 26						
F 13	2 52	18 7	5 9	5 6	1 50	16 53	1 6	23 15	1 33	7 7	1 20	18 33	0 9	17 34	0 36	10 39	0 23	19 26	2 24	7 4	7 12	18 30	15 3	2 26						
S 14	2 28	18 23	4 47	4 17	1 45	16 39	1 2	23 21	1 33	7 10	1 20	18 32	0 9	17 33	0 36	10 38	0 23	19 26	2 24	7 4	7 13	18 30	15 3	2 26						
S 15	2 4	17 51	4 14	3 27	1 40	16 24	0 57	23 26	1 33	7 13	1 20	18 30	0 9	17 32	0 36	10 38	0 23	19 26	2 24	7 3	7 14	18 30	15 4	2 26						
M 16	1 40	16 31	3 29	2 37	1 34	16 9	0 53	23 31	1 33	7 16	1 20	18 29	0 9	17 32	0 36	10 37	0 23	19 26	2 24	7 3	7 15	18 31	15 5	2 26						
T 17	1 17	14 24	2 34	1 45	1 28	15 54	0 48	23 36	1 33	7 19	1 20	18 28	0 9	17 31	0 36	10 36	0 23	19 26	2 24	7 2	7 16	18 31	15 5	2 26						
W 18	0 53	11 35	1 31	0 53	1 21	15 38	0 44	23 41	1 33	7 22	1 20	18 26	0 9	17 30	0 36	10 35	0 23	19 27	2 24	7 2	7 18	18 31	15 6	2 26						
T 19	0 29	8 10	0 22	0 0	1 14	15 22	0 40	23 46	1 33	7 25	1 20	18 25	0 9	17 29	0 36	10 35	0 23	19 27	2 24	7 2	7 19	18 31	15 7	2 26						
F 20	0 5	4 17	0n50	0n53	1 6	15 5	0 36	23 50	1 33	7 27	1 20	18 24	0 9	17 29	0 36	10 34	0 23	19 27	2 24	7 2	7 20	18 32	15 8	2 26						
S 21	0n19	0 6	2 0	1 48	0 57	14 48	0 31	23 54	1 33	7 30	1 20	18 23	0 9	17 28	0 36	10 33	0 23	19 27	2 23	7 2	7 21	18 32	15 8	2 26						
S 22	0 42	4s10	3 6	2 42	0 48	14 31	0 27	23 59	1 33	7 33	1 20	18 21	0 9	17 27	0 36	10 32	0 23	19 27	2 23	7 3	7 22	18 32	15 9	2 26						
M 23	1 6	8 18	4 1	3 37	0 39	14 13	0 23	24 3	1 33	7 36	1 20	18 20	0 9	17 26	0 36	10 32	0 23	19 27	2 23	7 4	7 24	18 32	15 10	2 26						
T 24	1 30	12 0	4 43	4 32	0 29	13 54	0 19	24 7	1 33	7 38	1 20	18 19	0 10	17 26	0 36	10 31	0 23	19 27	2 23	7 5	7 25	18 32	15 11	2 26						
W 25	1 53	15 4	5 8	5 27	0 18	13 36	0 15	24 11	1 33	7 41	1 20	18 18	0 10	17 25	0 36	10 30	0 23	19 28	2 23	7 6	7 26	18 33	15 12	2 26						
T 26	2 17	17 13	5 14	6 22	0 7	13 16	0 11	24 14	1 33	7 44	1 20	18 17	0 10	17 24	0 36	10 29	0 23	19 28	2 23	7 7	7 27	18 33	15 12	2 26						
F 27	2 41	18 19	5 1	7 16	0n 4	12 57	0 7	24 18	1 33	7 46	1 20	18 15	0 10	17 24	0 36	10 29	0 23	19 28	2 23	7 8	7 28	18 33	15 13	2 26						
S 28	3 4	18 16	4 30	8 10	0 16	12 37	0 3	24 21	1 33	7 49	1 20	18 14	0 10	17 23	0 37	10 28	0 23	19 28	2 23	7 8	7 30	18 33	15 14	2 26						
S 29	3 27	17 5	5 343	9 2	0 28	12 16	0s 1	24 24	1 33	7 51	1 20	18 13	0 10	17 22	0 37	10 27	0 23	19 28	2 23	7 7	7 31	18 33	15 15	2 26						
M 30	3 51	14 52	2 42	9 54	0 40	11 56	0 5	24 27	1 33	7 54	1 20	18 12	0 10	17 22	0 37	10 27	0 23	19 28	2 22	7 7	7 32	18 34	15 16	2 26						
T 31	4n14	11s47	1n33	10n44	0n52	11s35	0s 9	24n30	1n33	7n56	1n19	18s11	0s10	17s21	0s37	10s26	0s23	19n28	2s22	7n 6	7n33	18n34	15n17	2s25						

## ASTRODIENST EPHEMERIS for the year 2668

APRIL 2668

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 39 37	11°44'11	8°29'	27°30'	1°8'	20°19'	12°46'	8°46'	13°20'	3°51'	20°19'	11°50'	10°35'	3°30'	19°50'	W 1
T 2	12 43 33	12°43'46	22° 4'	29° 9'	2°19'	20°55'	12°40'	8°50'	13°22'	3°53'	20°19'	11°49'	10°31'	3°37'	19°53'	T 2
F 3	12 47 30	13°43'20	5°28'	0°44'	3°30'	21°31'	12°34'	8°55'	13°24'	3°55'	20°19'	11°47'	10°28'	3°44'	19°56'	F 3
S 4	12 51 26	14°42'52	18°39'	2°15'	4°40'	22° 6'	12°28'	8°59'	13°26'	3°57'	20°19'	11°44'	10°25'	3°51'	19°59'	S 4
S 5	12 55 23	15°42'22	1°34'	3°40'	5°51'	22°42'	12°22'	9° 3'	13°28'	3°59'	20°19'	11°39'	10°22'	3°57'	20° 3'	S 5
M 6	12 59 19	16°41'50	14°15'	5° 0'	7° 2'	23°18'	12°17'	9° 7'	13°30'	4° 0'	20°19'	11°32'	10°19'	4° 4'	20° 6'	M 6
T 7	13 3 16	17°41'15	26°40'	6°14'	8°13'	23°54'	12°11'	9°11'	13°32'	4° 2'	20°20'	11°26'	10°16'	4°11'	20° 9'	T 7
W 8	13 7 13	18°40'39	8°53'	7°22'	9°24'	24°31'	12° 6'	9°15'	13°34'	4° 4'	20°20'	11°20'	10°12'	4°17'	20°13'	W 8
T 9	13 11 9	19°40'00	20°55'	8°24'	10°35'	25° 7'	12° 1'	9°19'	13°36'	4° 6'	20°20'	11°15'	10° 9'	4°24'	20°16'	T 9
F 10	13 15 6	20°39'19	2°49'	9°19'	11°46'	25°43'	11°56'	9°23'	13°38'	4° 7'	20°20'	11°11'	10° 6'	4°31'	20°19'	F 10
S 11	13 19 2	21°38'36	14°41'	10° 7'	12°58'	26°19'	11°52'	9°26'	13°40'	4° 9'	20°20'	11°10'	10° 3'	4°38'	20°23'	S 11
S 12	13 22 59	22°37'51	26°34'	10°49'	14° 9'	26°55'	11°47'	9°30'	13°42'	4°11'	20°20'	11°D 9'	10° 0'	4°44'	20°26'	S 12
M13	13 26 55	23°37'03	8°23'	11°23'	15°20'	27°31'	11°43'	9°33'	13°44'	4°12'	20°21'	11°10'	9°56'	4°51'	20°30'	M13
T 14	13 30 52	24°36'13	20°45'	11°51'	16°31'	28° 7'	11°39'	9°37'	13°45'	4°14'	20°21'	11°12'	9°53'	4°58'	20°33'	T 14
W15	13 34 48	25°35'21	3°13'	12°11'	17°43'	28°44'	11°35'	9°40'	13°47'	4°16'	20°21'	11°13'	9°50'	5° 4'	20°37'	W15
T 16	13 38 45	26°34'26	16° 1'	12°24'	18°54'	29°20'	11°31'	9°43'	13°49'	4°17'	20°21'	11°R13'	9°47'	5°11'	20°41'	T 16
F 17	13 42 42	27°33'29	29°12'	12°R30'	20° 6'	29°56'	11°27'	9°46'	13°50'	4°19'	20°22'	11°12'	9°44'	5°18'	20°44'	F 17
S 18	13 46 38	28°32'31	12°47'	12°30'	21°17'	0°32'	11°23'	9°49'	13°52'	4°20'	20°22'	11° 8'	9°41'	5°25'	20°48'	S 18
S 19	13 50 35	29°31'30	26°45'	12°22'	22°29'	1° 9'	11°20'	9°52'	13°53'	4°22'	20°22'	11° 2'	9°37'	5°31'	20°51'	S 19
M20	13 54 31	0°30'27	11°11'	12° 9'	23°40'	1°45'	11°17'	9°55'	13°54'	4°23'	20°23'	10°55'	9°34'	5°38'	20°55'	M20
T 21	13 58 28	1°29'22	25°32'	11°50'	24°52'	2°21'	11°14'	9°58'	13°56'	4°25'	20°23'	10°47'	9°31'	5°45'	20°59'	T 21
W22	14 2 24	2°28'15	10°49'	11°25'	26° 3'	2°58'	11°11'	10° 1'	13°57'	4°26'	20°24'	10°39'	9°28'	5°51'	21° 2'	W22
T 23	14 6 21	3°27'07	24°46'	10°56'	27°15'	3°34'	11° 8'	10° 3'	13°58'	4°28'	20°24'	10°33'	9°25'	5°58'	21° 6'	T 23
F 24	14 10 17	4°25'57	9°16'	10°22'	28°27'	4°10'	11° 6'	10° 6'	14° 0'	4°29'	20°25'	10°28'	9°22'	6° 5'	21°10'	F 24
S 25	14 14 14	5°24'45	23°35'	9°45'	29°38'	4°47'	11° 4'	10° 8'	14° 1'	4°30'	20°25'	10°25'	9°18'	6°12'	21°13'	S 25
S 26	14 18 11	6°23'31	7°40'	9° 5'	0°50'	5°23'	11° 2'	10°11'	14° 2'	4°32'	20°26'	10°D25'	9°15'	6°18'	21°17'	S 26
M27	14 22 7	7°22'16	21°32'	8°23'	2° 2'	6° 0'	11° 0'	10°13'	14° 3'	4°33'	20°26'	10°25'	9°12'	6°25'	21°21'	M27
T 28	14 26 4	8°21'00	5°9'	7°41'	3°14'	6°36'	10°58'	10°15'	14° 4'	4°34'	20°27'	10°R26'	9° 9'	6°32'	21°25'	T 28
W29	14 30 0	9°19'41	18°33'	6°57'	4°26'	7°12'	10°56'	10°17'	14° 5'	4°35'	20°27'	10°26'	9° 6'	6°38'	21°28'	W29
T 30	14 33 57	10°18'21	1°45'	6°15'	5°38'	7°49'	10°55'	10°19'	14° 6'	4°37'	20°28'	10°24'	9°11'	6°45'	21°32'	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	4n37	8s 5	0n18	11n33	1n 4	11s13	0s12	24n33	1n33	7n58	1n19	18s10	0s10	17s21	0s37	10s25
T 2	5 1	3 59	0s56	12 20	1 17	10 52	0 16	24 35	1 33	8 0	1 19	18 9	0 10	17 20	0 37	10 25
F 3	5 24	0n14	2 6	13 5	1 29	10 30	0 20	24 37	1 33	8 3	1 19	18 8	0 10	17 19	0 37	10 24
S 4	5 47	4 23	3 8	13 47	1 41	10 7	0 23	24 40	1 33	8 5	1 19	18 7	0 10	17 19	0 37	10 23
S 5	6 10	8 15	3 58	14 27	1 52	9 45	0 27	24 42	1 33	8 7	1 19	18 6	0 11	17 18	0 37	10 23
M 6	6 32	11 39	4 36	15 5	2 3	9 22	0 30	24 43	1 33	8 9	1 19	18 5	0 11	17 18	0 37	10 22
T 7	6 55	14 28	5 0	15 39	2 14	8 58	0 34	24 45	1 33	8 11	1 19	18 4	0 11	17 17	0 37	10 21
W 8	7 18	16 35	5 10	16 11	2 24	8 35	0 37	24 47	1 33	8 13	1 19	18 3	0 11	17 17	0 37	10 21
T 9	7 40	17 57	5 6	16 40	2 33	8 11	0 40	24 48	1 32	8 14	1 19	18 2	0 11	17 16	0 37	10 20
F 10	8 2	18 30	4 49	17 5	2 41	7 47	0 43	24 49	1 32	8 16	1 19	18 1	0 11	17 16	0 37	10 20
S 11	8 24	18 15	4 19	17 28	2 49	7 23	0 46	24 50	1 32	8 18	1 18	18 0	0 11	17 15	0 37	10 19
S 12	8 46	17 11	3 38	17 47	2 55	6 58	0 49	24 51	1 32	8 19	1 18	17 59	0 11	17 15	0 37	10 18
M13	9 8	15 21	2 48	18 3	3 0	6 34	0 52	24 52	1 32	8 21	1 18	17 59	0 11	17 14	0 37	10 18
T 14	9 30	12 48	1 49	18 15	3 4	6 9	0 55	24 52	1 32	8 22	1 18	17 58	0 11	17 14	0 37	10 17
W15	9 51	9 37	0 43	18 24	3 7	5 44	0 58	24 53	1 32	8 24	1 18	17 57	0 12	17 13	0 37	10 17
T 16	10 13	5 54	0n26	18 29	3 8	5 18	1 1	24 53	1 32	8 25	1 18	17 56	0 12	17 13	0 37	10 16
F 17	10 34	1 47	1 36	18 31	3 8	4 53	1 3	24 53	1 32	8 27	1 18	17 55	0 12	17 12	0 37	10 16
S 18	10 55	2s33	2 42	18 30	3 7	4 27	1 6	24 53	1 32	8 28	1 18	17 55	0 12	17 12	0 37	10 15
S 19	11 16	6 51	3 40	18 25	3 4	4 1	1 8	24 52	1 32	8 29	1 17	17 54	0 12	17 12	0 37	10 15
M20	11 36	10 52	4 26	18 16	2 59	3 35	1 11	24 52	1 31	8 30	1 17	17 53	0 12	17 11	0 37	10 14
T 21	11 57	14 17	4 56	18 5	2 53	3 9	1 13	24 51	1 31	8 31	1 17	17 53	0 12	17 11	0 37	10 13
W22	12 17	16 50	5 6	17 50	2 46	2 43	1 15	24 50	1 31	8 32	1 17	17 52	0 12	17 11	0 37	10 13
T 23	12 37	18 18	4 57	17 32	2 37	2 17	1 18	24 49	1 31	8 33	1 17	17 51	0 12	17 10	0 37	10 13
F 24	12 57	18 33	4 29	17 11	2 26	1 50	1 20	24 48	1 31	8 34	1 17	17 51	0 12	17 10	0 37	10 12
S 25	13 17	17 37	3 44	16 48	2 14	1 24	1 22	24 47	1 31	8 34	1 17	17 50	0 12	17 10	0 37	10 12
S 26	13 36	15 36	2 46	16 23	2 1	0 57	1 24	24 45	1 31	8 35	1 16	17 50	0 13	17 9	0 38	10 11
M27	13 55	12 42	1 40	15 57	1 47	0 30	1 26	24 43	1 31	8 36	1 16	17 49	0 13	17 9	0 38	10 11
T 28	14 14	9 9	0 28	15 28	1 32	0 3	1 27	24 41	1 30	8 36	1 16	17 49	0 13	17 9	0 38	10 10
W29	14 33	5 11	0s43	14 59	1 16	0n23	1 29	24 39	1 30	8 36	1 16	17 48	0 13	17 8	0 38	10 10
T 30	14n51	1s 1	1s51	14n30	1n 0	0n50	1s31	24n37	1n30	8n37	1n16	17s48	0s13	17s 8	0s38	10s 9

Julian Day Number = 2695617.5, Delta T = 24m53s

Ecliptic obliquity = 23°21'01, Nutation = - 0°00'06

Ayanamsha: Fagan/Bradley = 34°05'18, Lahiri = 33°12'18

## ASTRODIENST EPHEMERIS for the year 2668

MAY 2668

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14 37 53	11°16'59	14°46	5°R33	6°V50	8°E25	10°R54	10°W21	14°W 7	4°H38	20°E29	10°R19	8°M59	6°E52	21°R36	F 1
S 2	14 41 50	12°15'35	27°35	4°B54	8° 1	9° 2	10°M53	10°23	14° 8	4°39	20°29	10°M12	8°56	6°58	21°40	S 2
S 3	14 45 46	13°14'10	10°B13	4°17	9°13	9°38	10°52	10°24	14° 9	4°40	20°30	10° 2	8°53	7° 5	21°44	S 3
M 4	14 49 43	14°12'43	22°41	3°43	10°25	10°15	10°52	10°26	14° 9	4°41	20°31	9°51	8°50	7°12	21°47	M 4
T 5	14 53 40	15°11'13	4°II57	3°13	11°37	10°52	10°51	10°28	14°10	4°42	20°31	9°39	8°47	7°19	21°51	T 5
W 6	14 57 36	16° 9'42	17° 4	2°47	12°49	11°28	10°51	10°29	14°11	4°43	20°32	9°27	8°43	7°25	21°55	W 6
T 7	15 1 33	17° 8'09	29° 2	2°25	14° 2	12° 5	10°D51	10°30	14°11	4°44	20°33	9°17	8°40	7°32	21°59	T 7
F 8	15 5 29	18° 6'34	10°E55	2° 8	15°14	12°41	10°51	10°31	14°12	4°45	20°34	9° 9	8°37	7°39	22° 3	F 8
S 9	15 9 26	19° 4'57	22°45	1°55	16°26	13°18	10°51	10°33	14°12	4°46	20°35	9° 3	8°34	7°45	22° 7	S 9
S 10	15 13 22	20° 3'18	4°B36	1°47	17°38	13°55	10°52	10°34	14°13	4°47	20°35	9° 0	8°31	7°52	22°10	S 10
M11	15 17 19	21° 1'37	16°33	1°D45	18°50	14°31	10°52	10°34	14°13	4°48	20°36	8°D59	8°27	7°59	22°14	M11
T 12	15 21 15	21°59'54	28°42	1°47	20° 2	15° 8	10°53	10°35	14°13	4°49	20°37	8°59	8°24	8° 6	22°18	T 12
W13	15 25 12	22°58'09	11°M 8	1°53	21°14	15°44	10°54	10°36	14°14	4°49	20°38	8°R59	8°21	8°12	22°22	W13
T 14	15 29 9	23°56'21	23°56	2° 5	22°26	16°21	10°56	10°37	14°14	4°50	20°39	8°58	8°18	8°19	22°26	T 14
F 15	15 33 5	24°54'32	7°B 9	2°21	23°39	16°58	10°57	10°37	14°14	4°51	20°40	8°55	8°15	8°26	22°30	F 15
S 16	15 37 2	25°52'41	20°50	2°42	24°51	17°34	10°59	10°38	14°14	4°52	20°41	8°50	8°12	8°32	22°34	S 16
S 17	15 40 58	26°50'48	5°M 0	3° 7	26° 3	18°11	11° 0	10°38	14°14	4°52	20°42	8°42	8° 8	8°39	22°37	S 17
M18	15 44 55	27°48'54	19°33	3°36	27°15	18°48	11° 2	10°38	14°R14	4°53	20°43	8°32	8° 5	8°46	22°41	M18
T 19	15 48 51	28°46'57	4°M25	4° 9	28°28	19°25	11° 5	10°38	14°14	4°54	20°44	8°22	8° 2	8°52	22°45	T 19
W20	15 52 48	29°44'59	19°26	4°47	29°40	20° 1	11° 7	10°R38	14°14	4°54	20°45	8°11	7°59	8°59	22°49	W20
T 21	15 56 44	0°II43'00	4°B27	5°28	0°B52	20°38	11° 9	10°38	14°14	4°55	20°46	8° 1	7°56	9° 6	22°53	T 21
F 22	16 0 41	1°40'59	19°19	6°13	2° 5	21°15	11°12	10°38	14°14	4°55	20°47	7°54	7°53	9°13	22°57	F 22
S 23	16 4 38	2°38'57	3°W54	7° 1	3°17	21°51	11°15	10°38	14°14	4°56	20°48	7°50	7°49	9°19	23° 0	S 23
S 24	16 8 34	3°36'54	18° 8	7°53	4°29	22°28	11°18	10°37	14°14	4°56	20°49	7°48	7°46	9°26	23° 4	S 24
M25	16 12 31	4°34'50	2°H 2	8°48	5°42	23° 5	11°21	10°37	14°13	4°57	20°50	7°47	7°43	9°33	23° 8	M25
T 26	16 16 27	5°32'44	15°34	9°46	6°54	23°42	11°24	10°36	14°13	4°57	20°51	7°47	7°40	9°39	23°12	T 26
W27	16 20 24	6°30'37	28°47	10°48	8° 7	24°18	11°28	10°36	14°13	4°57	20°52	7°46	7°37	9°46	23°16	W27
T 28	16 24 20	7°28'29	11°V45	11°52	9°19	24°55	11°31	10°35	14°12	4°58	20°53	7°43	7°33	9°53	23°19	T 28
F 29	16 28 17	8°26'19	24°28	12°59	10°31	25°32	11°35	10°34	14°12	4°58	20°54	7°38	7°30	9°59	23°23	F 29
S 30	16 32 13	9°24'09	7°B 0	14° 9	11°44	26° 9	11°39	10°33	14°11	4°58	20°56	7°29	7°27	10° 6	23°27	S 30
S 31	16 36 10	10°II21'57	19°B23	15°B22	12°B56	26°E46	11°M43	10°W32	14°W10	4°H58	20°E57	7°M18	7°M24	10°E13	23°B31	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	15n10	3n 9	2s52	14n 0	0n43	1n17	1s32	24n35	1n30	8n37	1n16	17s47	0s13	17s 8	0s38	10s 9
S 2	15 28	7 5	3 44	13 31	0 26	1 44	1 34	24 32	1 30	8 37	1 15	17 47	0 13	17 8	0 38	10 9
S 3	15 45	10 40	4 23	13 2	0 9	2 11	1 35	24 29	1 30	8 38	1 15	17 47	0 13	17 8	0 38	10 8
M 4	16 3	13 42	4 49	12 35	0s 8	2 38	1 36	24 26	1 29	8 38	1 15	17 46	0 13	17 7	0 38	10 8
T 5	16 20	16 6	5 1	12 9	0 25	3 5	1 37	24 23	1 29	8 38	1 15	17 46	0 13	17 7	0 38	10 7
W 6	16 37	17 45	5 0	11 45	0 41	3 32	1 39	24 20	1 29	8 38	1 15	17 46	0 14	17 7	0 38	10 7
T 7	16 53	18 36	4 45	11 22	0 57	3 59	1 40	24 17	1 29	8 37	1 15	17 46	0 14	17 7	0 38	10 7
F 8	17 10	18 37	4 18	11 2	1 12	4 26	1 41	24 13	1 29	8 37	1 14	17 45	0 14	17 7	0 38	10 6
S 9	17 26	17 50	3 40	10 44	1 27	4 52	1 41	24 9	1 29	8 37	1 14	17 45	0 14	17 7	0 38	10 6
S 10	17 41	16 15	2 52	10 29	1 41	5 19	1 42	24 5	1 28	8 37	1 14	17 45	0 14	17 7	0 38	10 6
M11	17 57	13 58	1 56	10 16	1 54	5 46	1 43	24 1	1 28	8 36	1 14	17 45	0 14	17 7	0 38	10 6
T 12	18 12	11 2	0 54	10 5	2 6	6 12	1 44	23 57	1 28	8 36	1 14	17 45	0 14	17 7	0 38	10 5
W13	18 27	7 32	0n11	9 57	2 17	6 39	1 44	23 53	1 28	8 35	1 14	17 45	0 14	17 7	0 38	10 5
T 14	18 41	3 36	1 18	9 51	2 27	7 5	1 45	23 48	1 28	8 35	1 13	17 45	0 14	17 6	0 38	10 5
F 15	18 55	0s38	2 23	9 48	2 36	7 31	1 45	23 43	1 27	8 34	1 13	17 44	0 14	17 6	0 38	10 4
S 16	19 9	4 59	3 22	9 47	2 45	7 57	1 45	23 39	1 27	8 33	1 13	17 44	0 15	17 6	0 38	10 4
S 17	19 23	9 12	4 11	9 48	2 52	8 23	1 45	23 33	1 27	8 32	1 13	17 44	0 15	17 6	0 38	10 4
M18	19 36	12 59	4 45	9 52	2 59	8 49	1 46	23 28	1 27	8 31	1 13	17 45	0 15	17 6	0 38	10 4
T 19	19 49	16 2	5 0	9 57	3 5	9 15	1 46	23 23	1 27	8 30	1 13	17 45	0 15	17 7	0 38	10 4
W20	20 1	18 2	4 55	10 5	3 10	9 40	1 46	23 17	1 26	8 29	1 12	17 45	0 15	17 7	0 38	10 3
T 21	20 13	18 47	4 30	10 15	3 14	10 5	1 45	23 12	1 26	8 28	1 12	17 45	0 15	17 7	0 38	10 3
F 22	20 25	18 14	3 46	10 26	3 17	10 30	1 45	23 6	1 26	8 27	1 12	17 45	0 15	17 7	0 38	10 3
S 23	20 37	16 28	2 49	10 39	3 20	10 55	1 45	23 0	1 26	8 26	1 12	17 45	0 15	17 7	0 39	10 3
S 24	20 48	13 43	1 42	10 54	3 22	11 20	1 45	22 54	1 26	8 25	1 12	17 45	0 15	17 7	0 39	10 3
M25	20 59	10 14	0 30	11 11	3 23	11 44	1 44	22 47	1 25	8 23	1 12	17 46	0 16	17 7	0 39	10 3
T 26	21 9	6 18	0s41	11 29	3 23	12 8	1 44	22 41	1 25	8 22	1 11	17 46	0 16	17 7	0 39	10 2
W27	21 19	2 8	1 49	11 48	3 22	12 32	1 43	22 34	1 25	8 20	1 11	17 46	0 16	17 7	0 39	10 2
T 28	21 29	2n 2	2 49	12 9	3 21	12 55	1 43	22 27	1 25	8 19	1 11	17 46	0 16	17 8	0 39	10 2
F 29	21 38	6 2	3 40	12 30	3 19	13 19	1 42	22 20	1 24	8 17	1 11	17 47	0 16	17 8	0 39	10 2
S 30	21 47	9 43	4 19	12 53	3 17	13 42	1 41	22 13	1 24	8 15	1 11	17 47	0 16	17 8	0 39	10 2
S 31	21n55	12n55	4s46	13n17	3s14	14n 4	1s40	22n 6	1n24	8n14	1n11	17s47	0s16	17s 8	0s39	10s 2

Julian Day Number = 2695647.5, Delta T = 24m54s

Ecliptic obliquity = 23°21'00, Nutation = - 0°00'08

Ayanamsha: Fagan/Bradley = 34°05'22, Lahiri = 33°12'22

## ASTRODIENST EPHEMERIS for the year 2668

JUNE 2668

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 40 7	11 <sup>II</sup> 1944	1 <sup>II</sup> 36	16 <sup>III</sup> 37	14 <sup>III</sup> 9	27 <sup>III</sup> 22	11 <sup>III</sup> 48	10°R31	14°R10	4 <sup>III</sup> 59	20 <sup>III</sup> 58	7°R 5	7 <sup>III</sup> 21	10 <sup>III</sup> 20	23 <sup>III</sup> 34	M 1
T 2	16 44 3	12°17'30	13°42	17°55	15°21	27°59	11°52	10°30	14°9	4°59	20°59	6 <sup>III</sup> 51	7°18	10°26	23°38	T 2
W 3	16 48 0	13°15'15	25°41	19°16	16°34	28°36	11°57	10°28	14°8	4°59	21°1	6°38	7°14	10°33	23°42	W 3
T 4	16 51 56	14°12'58	7 <sup>III</sup> 35	20°39	17°47	29°13	12°2	10°27	14°8	4°59	21°2	6°26	7°11	10°40	23°45	T 4
F 5	16 55 53	15°10'40	19°25	22°5	18°59	29°50	12°7	10°25	14°7	4°59	21°3	6°16	7°8	10°46	23°49	F 5
S 6	16 59 49	16°8'20	1 <sup>II</sup> 14	23°33	20°12	0 <sup>II</sup> 27	12°12	10°24	14°6	4°R59	21°4	6°9	7°5	10°53	23°53	S 6
S 7	17 3 46	17°5'59	13°5	25°4	21°24	1°4	12°17	10°22	14°5	4°59	21°6	6°4	7°2	11°0	23°56	S 7
M 8	17 7 42	18°3'37	25°2	26°37	22°37	1°41	12°23	10°20	14°4	4°59	21°7	6°2	6°59	11°6	24°0	M 8
T 9	17 11 39	19°1'13	7 <sup>III</sup> 9	28°13	23°49	2°18	12°28	10°19	14°3	4°59	21°8	6°D 2	6°55	11°13	24°4	T 9
W10	17 15 36	19°58'48	19°33	29°51	25°2	2°54	12°34	10°17	14°2	4°59	21°10	6°R 2	6°52	11°20	24°7	W10
T 11	17 19 32	20°56'21	2 <sup>II</sup> 17	1 <sup>II</sup> 31	26°15	3°31	12°40	10°15	14°1	4°59	21°11	6°2	6°49	11°27	24°11	T 11
F 12	17 23 29	21°53'54	15°27	3°14	27°27	4°8	12°46	10°12	14°0	4°59	21°12	6°0	6°46	11°33	24°14	F 12
S 13	17 27 25	22°51'24	29°5	4°59	28°40	4°45	12°52	10°10	13°58	4°58	21°14	5°55	6°43	11°40	24°18	S 13
S 14	17 31 22	23°48'54	13 <sup>III</sup> 13	6°47	29°53	5°22	12°58	10°8	13°57	4°58	21°15	5°49	6°39	11°47	24°21	S 14
M15	17 35 18	24°46'22	27°50	8°37	1 <sup>II</sup> 5	5°59	13°5	10°6	13°56	4°58	21°16	5°40	6°36	11°53	24°25	M15
T 16	17 39 15	25°43'50	12 <sup>III</sup> 49	10°29	2°18	6°36	13°11	10°3	13°55	4°58	21°18	5°30	6°33	12°0	24°28	T 16
W17	17 43 11	26°41'16	28°2	12°24	3°31	7°13	13°18	10°1	13°53	4°57	21°19	5°21	6°30	12°7	24°31	W17
T 18	17 47 8	27°38'42	13 <sup>III</sup> 18	14°21	4°43	7°50	13°25	9°58	13°52	4°57	21°20	5°12	6°27	12°13	24°35	T 18
F 19	17 51 5	28°36'07	28°26	16°20	5°56	8°27	13°32	9°55	13°50	4°57	21°22	5°5	6°24	12°20	24°38	F 19
S 20	17 55 1	29°33'31	13 <sup>III</sup> 17	18°21	7°9	9°4	13°39	9°52	13°49	4°56	21°23	5°1	6°20	12°27	24°42	S 20
S 21	17 58 58	0 <sup>II</sup> 30'54	27°46	20°24	8°22	9°41	13°46	9°50	13°48	4°56	21°25	5°0	6°17	12°34	24°45	S 21
M22	18 2 54	1°28'17	11 <sup>III</sup> 49	22°29	9°35	10°18	13°53	9°47	13°46	4°55	21°26	5°D 0	6°14	12°40	24°48	M22
T 23	18 6 51	2°25'39	25°26	24°36	10°47	10°55	14°1	9°44	13°44	4°55	21°28	5°0	6°11	12°47	24°51	T 23
W24	18 10 47	3°23'01	8 <sup>III</sup> 39	26°44	12°0	11°32	14°8	9°41	13°43	4°54	21°29	5°R 0	6°8	12°54	24°55	W24
T 25	18 14 44	4°20'23	21°32	28°54	13°13	12°9	14°16	9°38	13°41	4°54	21°30	4°59	6°5	13°0	24°58	T 25
F 26	18 18 40	5°17'44	4 <sup>III</sup> 8	1 <sup>III</sup> 4	14°26	12°46	14°24	9°34	13°39	4°53	21°32	4°55	6°1	13°7	25°1	F 26
S 27	18 22 37	6°15'05	16°30	3°15	15°39	13°23	14°32	9°31	13°38	4°52	21°33	4°49	5°58	13°14	25°4	S 27
S 28	18 26 34	7°12'25	28°41	5°27	16°52	14°0	14°40	9°28	13°36	4°52	21°35	4°41	5°55	13°20	25°7	S 28
M29	18 30 30	8°9'45	10 <sup>III</sup> 44	7°39	18°5	14°37	14°48	9°24	13°34	4°51	21°36	4°31	5°52	13°27	25°10	M29
T 30	18 34 27	9 <sup>III</sup> 7'05	22 <sup>III</sup> 42	9 <sup>III</sup> 51	19 <sup>III</sup> 18	15 <sup>III</sup> 14	14 <sup>III</sup> 56	9 <sup>III</sup> 21	13 <sup>III</sup> 32	4 <sup>III</sup> 50	21 <sup>III</sup> 38	4 <sup>III</sup> 21	5 <sup>III</sup> 49	13 <sup>III</sup> 34	25 <sup>III</sup> 13	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	22n 3	15n32	4s58	13n42	3s10	14n27	1s39	21n59	1n24	8n12	1n10	17s48	0s16	17s 8	0s39	10s 2	0s25
T 2	22 11	17 26	4 58	14 8	3 6	14 49	1 38	21 51	1 23	8 10	1 10	17 48	0 16	17 9	0 39	10 2	0 25
W 3	22 18	18 33	4 44	14 35	3 1	15 10	1 37	21 43	1 23	8 8	1 10	17 49	0 17	17 9	0 39	10 2	0 25
T 4	22 25	18 51	4 17	15 2	2 55	15 32	1 36	21 35	1 23	8 6	1 10	17 49	0 17	17 9	0 39	10 2	0 25
F 5	22 32	18 19	3 40	15 30	2 49	15 53	1 35	21 28	1 23	8 4	1 10	17 50	0 17	17 9	0 39	10 2	0 25
S 6	22 38	17 0	2 53	15 58	2 42	16 13	1 34	21 19	1 23	8 2	1 10	17 50	0 17	17 10	0 39	10 2	0 25
S 7	22 44	14 56	1 58	16 27	2 35	16 33	1 33	21 11	1 22	8 0	1 9	17 51	0 17	17 10	0 39	10 2	0 25
M 8	22 49	12 13	0 58	16 56	2 28	16 53	1 31	21 3	1 22	7 58	1 9	17 51	0 17	17 10	0 39	10 2	0 25
T 9	22 54	8 57	0n 6	17 25	2 20	17 13	1 30	20 54	1 22	7 55	1 9	17 52	0 17	17 11	0 39	10 2	0 25
W10	22 58	5 13	1 11	17 54	2 11	17 31	1 28	20 46	1 22	7 53	1 9	17 53	0 17	17 11	0 39	10 2	0 25
T 11	23 3	1 9	2 15	18 23	2 2	17 50	1 27	20 37	1 21	7 51	1 9	17 53	0 17	17 11	0 39	10 2	0 25
F 12	23 6	3s 5	3 13	18 52	1 53	18 8	1 25	20 28	1 21	7 48	1 9	17 54	0 17	17 12	0 39	10 2	0 25
S 13	23 9	7 19	4 3	19 21	1 43	18 26	1 24	20 19	1 21	7 46	1 9	17 55	0 18	17 12	0 39	10 2	0 25
S 14	23 12	11 18	4 39	19 50	1 33	18 43	1 22	20 9	1 21	7 43	1 8	17 55	0 18	17 12	0 39	10 3	0 25
M15	23 15	14 44	5 0	20 17	1 23	19 0	1 20	20 0	1 20	7 41	1 8	17 56	0 18	17 13	0 39	10 3	0 25
T 16	23 17	17 17	5 0	20 44	1 13	19 16	1 18	19 51	1 20	7 38	1 8	17 57	0 18	17 13	0 39	10 3	0 25
W17	23 19	18 41	4 39	21 10	1 2	19 31	1 17	19 41	1 20	7 35	1 8	17 58	0 18	17 14	0 39	10 3	0 25
T 18	23 20	18 44	3 59	21 35	0 51	19 47	1 15	19 31	1 19	7 33	1 8	17 58	0 18	17 14	0 39	10 3	0 25
F 19	23 21	17 26	3 2	21 59	0 40	20 1	1 13	19 21	1 19	7 30	1 8	17 59	0 18	17 14	0 39	10 3	0 25
S 20	23 21	14 58	1 53	22 22	0 29	20 16	1 11	19 11	1 19	7 27	1 8	18 0	0 18	17 15	0 39	10 3	0 25
S 21	23 21	11 36	0 38	22 42	0 18	20 29	1 9	19 1	1 19	7 24	1 7	18 1	0 18	17 15	0 40	10 4	0 25
M22	23 21	7 40	0s36	23 1	0 7	20 42	1 7	18 51	1 18	7 21	1 7	18 2	0 19	17 16	0 40	10 4	0 25
T 23	23 20	3 27	1 47	23 18	0n 4	20 55	1 5	18 41	1 18	7 18	1 7	18 3	0 19	17 16	0 40	10 4	0 25
W24	23 18	0n49	2 50	23 33	0 15	21 7	1 2	18 30	1 18	7 15	1 7	18 4	0 19	17 17	0 40	10 4	0 25
T 25	23 17	4 56	3 42	23 46	0 25	21 18	1 0	18 20	1 18	7 12	1 7	18 5	0 19	17 17	0 40	10 4	0 25
F 26	23 15	8 44	4 22	23 56	0 35	21 29	0 58	18 9	1 17	7 9	1 7	18 6	0 19	17 18	0 40	10 5	0 25
S 27	23 12	12 5	4 49	24 3	0 45	21 39	0 56	17 58	1 17	7 6	1 7	18 7	0 19	17 18	0 40	10 5	0 25
S 28	23 9	14 52	5 3	24 8	0 54	21 49	0 54	17 47	1 17	7 2	1 6	18 8	0 19	17 19	0 40	10 5	0 25
M29	23 6	16 58	5 3	24 10	1 3	21 58	0 51	17 36	1 16	6 59	1 6	18 9	0 19	17 19	0 40	10 5	0 25
T 30	23n 2	18n20	4s49	24n10	1n11	22n 6	0s49	17n25	1n16	6n56	1n 6	18s10	0s19	17s20	0s40	10s 6	0s25

Julian Day Number = 2695678.5, Delta T = 24m54s

Ecliptic obliquity = 23°21'00, Nutation = - 0°00'08

Ayanamsha: Fagan/Bradley = 34°05'26, Lahiri = 33°12'26

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	18 38 23	10 <sup>5</sup> 4'24	4 <sup>5</sup> 35	12 <sup>5</sup> 2	20 <sup>11</sup> 31	15 <sup>15</sup> 51	15 <sup>17</sup> 5	9 <sup>10</sup> R17	13 <sup>13</sup> R30	4 <sup>14</sup> R50	21 <sup>21</sup> 39	4 <sup>14</sup> R11	5 <sup>17</sup> 45	13 <sup>13</sup> 40	25 <sup>25</sup> 16	W 1
T 2	18 42 20	11° 1'43	16°25	14°13	21°44	16°29	15°13	9 <sup>11</sup> 14	13 <sup>13</sup> 29	4 <sup>14</sup> 49	21°41	4 <sup>17</sup> 2	5°42	13°47	25°19	T 2
F 3	18 46 16	11°59'01	28°15	16°23	22°56	17° 6	15°22	9°10	13°27	4°48	21°42	3°54	5°39	13°54	25°22	F 3
S 4	18 50 13	12°56'19	10 <sup>10</sup> 5	18°32	24°10	17°43	15°31	9° 6	13°25	4°47	21°44	3°49	5°36	14° 1	25°25	S 4
S 5	18 54 9	13°53'36	21°59	20°40	25°23	18°20	15°40	9° 3	13°23	4°46	21°45	3°46	5°33	14° 7	25°28	S 5
M 6	18 58 6	14°50'53	4 <sup>17</sup> 0	22°46	26°36	18°57	15°49	8°59	13°21	4°45	21°47	3°D46	5°30	14°14	25°31	M 6
T 7	19 2 3	15°48'09	16°11	24°51	27°49	19°34	15°58	8°55	13°19	4°44	21°48	3°46	5°26	14°21	25°34	T 7
W 8	19 5 59	16°45'25	28°36	26°54	29° 2	20°12	16° 7	8°51	13°17	4°44	21°50	3°47	5°23	14°27	25°36	W 8
T 9	19 9 56	17°42'40	11 <sup>11</sup> 19	28°55	0 <sup>10</sup> 15	20°49	16°16	8°47	13°15	4°43	21°51	3°48	5°20	14°34	25°39	T 9
F 10	19 13 52	18°39'55	24°26	0 <sup>10</sup> 55	1°28	21°26	16°26	8°43	13°13	4°42	21°53	3°R48	5°17	14°41	25°42	F 10
S 11	19 17 49	19°37'09	7 <sup>17</sup> 58	2°52	2°41	22° 3	16°35	8°39	13°10	4°41	21°54	3°47	5°14	14°47	25°44	S 11
S 12	19 21 45	20°34'22	21°58	4°48	3°54	22°40	16°45	8°35	13° 8	4°40	21°56	3°44	5°11	14°54	25°47	S 12
M13	19 25 42	21°31'36	6 <sup>17</sup> 26	6°41	5° 7	23°18	16°54	8°31	13° 6	4°38	21°57	3°39	5° 7	15° 1	25°49	M13
T 14	19 29 38	22°28'49	21°18	8°33	6°21	23°55	17° 4	8°27	13° 4	4°37	21°59	3°33	5° 4	15° 7	25°52	T 14
W15	19 33 35	23°26'02	6 <sup>17</sup> 26	10°22	7°34	24°32	17°14	8°22	13° 2	4°36	22° 1	3°27	5° 1	15°14	25°54	W15
T 16	19 37 32	24°23'15	21°41	12° 9	8°47	25° 9	17°24	8°18	12°59	4°35	22° 2	3°22	4°58	15°21	25°57	T 16
F 17	19 41 28	25°20'27	6 <sup>17</sup> 54	13°55	10° 0	25°47	17°34	8°14	12°57	4°34	22° 4	3°19	4°55	15°28	25°59	F 17
S 18	19 45 25	26°17'40	21°53	15°38	11°13	26°24	17°44	8°10	12°55	4°33	22° 5	3°16	4°51	15°34	26° 1	S 18
S 19	19 49 21	27°14'53	6 <sup>17</sup> 32	17°19	12°27	27° 1	17°54	8° 5	12°53	4°32	22° 7	3°D16	4°48	15°41	26° 4	S 19
M20	19 53 18	28°12'06	20°45	18°58	13°40	27°39	18° 4	8° 1	12°50	4°30	22° 8	3°17	4°45	15°48	26° 6	M20
T 21	19 57 14	29° 9'20	4 <sup>17</sup> 31	20°35	14°53	28°16	18°15	7°57	12°48	4°29	22°10	3°18	4°42	15°54	26° 8	T 21
W22	20 1 11	0 <sup>10</sup> 6'34	17°50	22°10	16° 7	28°53	18°25	7°52	12°46	4°28	22°11	3°20	4°39	16° 1	26°10	W22
T 23	20 5 7	1° 3'48	0 <sup>10</sup> 46	23°43	17°20	29°31	18°36	7°48	12°43	4°27	22°13	3°R20	4°36	16° 8	26°12	T 23
F 24	20 9 4	2° 1'03	13°21	25°14	18°33	0 <sup>10</sup> 8	18°46	7°44	12°41	4°25	22°14	3°20	4°32	16°14	26°14	F 24
S 25	20 13 1	2°58'19	25°40	26°43	19°47	0°45	18°57	7°39	12°39	4°24	22°16	3°18	4°29	16°21	26°16	S 25
S 26	20 16 57	3°55'35	7 <sup>17</sup> 47	28°10	21° 0	1°23	19° 8	7°35	12°36	4°23	22°17	3°14	4°26	16°28	26°18	S 26
M27	20 20 54	4°52'51	19°45	29°34	22°14	2° 0	19°19	7°30	12°34	4°21	22°19	3°10	4°23	16°34	26°20	M27
T 28	20 24 50	5°50'09	1 <sup>13</sup> 37	0 <sup>10</sup> 57	23°27	2°38	19°30	7°26	12°32	4°20	22°20	3° 6	4°20	16°41	26°22	T 28
W29	20 28 47	6°47'26	13°27	2°17	24°41	3°15	19°40	7°21	12°29	4°19	22°22	3° 1	4°17	16°48	26°24	W29
T 30	20 32 43	7°44'45	25°17	3°35	25°54	3°53	19°52	7°17	12°27	4°17	22°23	2°57	4°13	16°55	26°26	T 30
F 31	20 36 40	8 <sup>18</sup> 42'03	7 <sup>18</sup> 9	4 <sup>17</sup> 50	27 <sup>27</sup> 8	4 <sup>17</sup> 30	20 <sup>17</sup> 3	7 <sup>18</sup> 13	12 <sup>12</sup> 24	4 <sup>17</sup> 16	22 <sup>22</sup> 25	2 <sup>17</sup> 54	4 <sup>17</sup> 10	17 <sup>17</sup> 1	26 <sup>26</sup> 28	F 31

Day	☉	☽		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈	♉		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	lat	
W 1	22n58	18n53	4s24	24n 6	1n18	22n14	0s47	17n14	1n16	6n52	1n 6	18s11	0s19	17s20	0s40	10s 6	0s25	19n25	2s13	9n56	9n22	18n36	16n32	2s33
T 2	22 54	18 36	3 46	24 0	1 25	22 21	0 44	17 2	1 15	6 49	1 6	18 12	0 20	17 21	0 40	10 6	0 25	19 25	2 13	10 0	9 23	18 36	16 33	2 33
F 3	22 49	17 31	2 59	23 51	1 31	22 28	0 42	16 51	1 15	6 45	1 6	18 13	0 20	17 22	0 40	10 7	0 25	19 25	2 13	10 2	9 24	18 36	16 33	2 33
S 4	22 43	15 40	2 4	23 40	1 36	22 34	0 40	16 39	1 15	6 42	1 6	18 14	0 20	17 22	0 40	10 7	0 25	19 25	2 13	10 4	9 25	18 36	16 34	2 33
S 5	22 38	13 8	1 3	23 26	1 41	22 39	0 37	16 28	1 15	6 38	1 6	18 15	0 20	17 23	0 40	10 7	0 25	19 25	2 13	10 5	9 27	18 36	16 34	2 33
M 6	22 32	10 2	0n 1	23 9	1 45	22 44	0 35	16 16	1 14	6 35	1 5	18 16	0 20	17 23	0 40	10 8	0 26	19 24	2 13	10 6	9 28	18 36	16 35	2 33
T 7	22 25	6 27	1 7	22 51	1 48	22 48	0 32	16 4	1 14	6 31	1 5	18 17	0 20	17 24	0 40	10 8	0 26	19 24	2 13	10 5	9 29	18 36	16 35	2 34
W 8	22 18	2 33	2 10	22 30	1 50	22 51	0 30	15 52	1 14	6 28	1 5	18 18	0 20	17 25	0 40	10 8	0 26	19 24	2 13	10 5	9 30	18 36	16 36	2 34
T 9	22 11	1s34	3 9	22 7	1 52	22 54	0 27	15 40	1 13	6 24	1 5	18 19	0 20	17 25	0 40	10 9	0 26	19 24	2 13	10 5	9 31	18 35	16 36	2 34
F 10	22 3	5 43	4 0	21 43	1 53	22 56	0 25	15 28	1 13	6 20	1 5	18 20	0 20	17 26	0 40	10 9	0 26	19 24	2 13	10 5	9 32	18 35	16 37	2 34
S 11	21 55	9 42	4 39	21 16	1 53	22 57	0 22	15 15	1 13	6 16	1 5	18 22	0 20	17 26	0 40	10 10	0 26	19 24	2 13	10 5	9 34	18 35	16 37	2 34
S 12	21 47	13 18	5 3	20 49	1 52	22 58	0 20	15 3	1 12	6 13	1 5	18 23	0 21	17 27	0 40	10 10	0 26	19 23	2 13	10 6	9 35	18 35	16 38	2 35
M13	21 38	16 13	5 9	20 19	1 51	22 58	0 17	14 50	1 12	6 9	1 5	18 24	0 21	17 28	0 40	10 10	0 26	19 23	2 13	10 8	9 36	18 35	16 38	2 35
T 14	21 29	18 9	4 55	19 49	1 49	22 57	0 15	14 38	1 12	6 5	1 5	18 25	0 21	17 28	0 40	10 11	0 26	19 23	2 12	10 10	9 37	18 35	16 38	2 35
W15	21 20	18 52	4 20	19 17	1 46	22 56	0 12	14 25	1 12	6 1	1 4	18 26	0 21	17 29	0 40	10 11	0 26	19 23	2 12	10 12	9 38	18 34	16 39	2 35
T 16	21 10	18 12	3 27	18 44	1 43	22 54	0 10	14 12	1 11	5 57	1 4	18 27	0 21	17 30	0 40	10 12	0 26	19 23	2 12	10 14	9 39	18 34	16 39	2 35
F 17	20 59	16 15	2 19	18 11	1 39	22 51	0 7	14 0	1 11	5 53	1 4	18 29	0 21	17 30	0 40	10 12	0 26	19 22	2 12	10 15	9 41	18 34	16 40	2 36
S 18	20 49	13 11	1 2	17 36	1 35	22 48	0 5	13 47	1 11	5 49	1 4	18 30	0 21	17 31	0 40	10 12	0 26	19 22	2 12	10 16	9 42	18 34	16 40	2 36
S 19	20 38	9 22	0s18	17 1	1 30	22 44	0 2	13 34	1 10	5 45	1 4	18 31	0 21	17 32	0 40	10 13	0 26	19 22	2 12	10 16	9 43	18 34	16 40	2 36
M20	20 27	5 6	1 34	16 25	1 25	22 39	0n 0	13 20	1 10	5 41	1 4	18 32	0 21	17 32	0 40	10 13	0 26	19 22	2 12	10 16	9 44	18 34	16 41	2 36
T 21	20 15	0 42	2 42	15 49	1 19	22 34	0 3	13 7	1 10	5 37	1 4	18 34	0 21	17 33	0 40	10 14	0 26	19 22	2 12	10 15	9 45	18 33	16 41	2 36
W22	20 3	3n35	3 40	15 12	1 12	22 28	0 5	12 54	1 9	5 33	1 4	18 35	0 22	17 34	0 40	10 14	0 26	19 22	2 12	10 15	9 46	18 33	16 41	2 37
T 23	19 51	7 34	4 24	14 35	1 5	22 22	0 8	12 41	1 9	5 28	1 4	18 36	0 22	17 34	0 40	10 15	0 26	19 21	2 12	10 15	9 47	18 33	16 41	2 37
F 24	19 38	11 6	4 54	13 58	0 58	22 14	0 10	12 27	1 9	5 24	1 4	18 37	0 22	17 35	0 40	10 15	0 26	19 21	2 12	10 15	9 49	18 33	16 42	2 37
S 25	19 25	14 5	5 10	13 21	0 50	22 6	0 13	12 14	1 8	5 20	1 4	18 38	0 22	17 36	0 40	10 16	0 26	19 21	2 12	10 16	9 50	18 33	16 42	2 37
S 26	19 12	16 24	5 12	12 43	0 43	21 58	0 15	12 0	1 8	5 16	1 3	18 40	0 22	17 36	0 40	10 16	0 26	19 21	2 12	10 17	9 51	18 32	16 42	2 37
M27	18 58	17 58	5 0	12 6	0 32	21 49	0 18	11 47	1 8	5 11	1 3	18 41	0 22	17 37	0 40	10 17	0 26	19 21	2 12	10 18	9 52	18 32	16 42	2 38
T 28	18 45	18 45	4 35	11 28	0 24	21 39	0 20	11 33	1 7	5 7	1 3	18 42	0 22	17 38	0 40	10 17	0 26	19 20	2 12	10 20	9 53	18 32	16 43	2 38
W29	18 30	18 43	3 59	10 51	0 15	21 28	0 22	11 19	1 7	5 3	1 3	18 43	0 22	17 38	0 40	10 18	0 26	19 20	2 12	10 22	9 54	18 32	16 43	2 38
T 30	18 16	17 51	3 12	10 14	0 5	21 17	0 25	11 5	1 7	4 58	1 3	18 44	0 22	17 39	0 40	10 18	0 26	19 20	2 12	10 23	9 56	18 32	16 43	2 38
F 31	18n 1	16n12	2s17	9n37	0s 5	21n 6	0n27	10n51	1n 6	4n54	1n 3	18s46	0s22	17s40	0s40	10s19	0s26	19n20	2s12	10n24	9n57	18n31	16n43	2s38

## ASTRODIENST EPHEMERIS for the year 2668

AUGUST 2668

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 40 36	9♌39°22	19♌ 5	6♍ 4	28♍22	5♍ 8	20♍14	7°R 8	12°R22	4°R14	22♍26	2°R52	4♍ 7	17♍ 8	26♍29	S 1
S 2	20 44 33	10°36'42	1♍ 7	7°15	29°35	5°45	20°25	7°44	12°20	4°13	22°27	2°D51	4° 4	17°15	26°31	S 2
M 3	20 48 30	11°34'02	13°18	8°23	0♌49	6°23	20°36	6°59	12°17	4°11	22°29	2♍52	4° 1	17°21	26°32	M 3
T 4	20 52 26	12°31'22	25°39	9°29	2° 2	7° 0	20°48	6°55	12°15	4°10	22°30	2°53	3°57	17°28	26°34	T 4
W 5	20 56 23	13°28'43	8♌12	10°32	3°16	7°38	20°59	6°50	12°12	4° 8	22°32	2°54	3°54	17°35	26°35	W 5
T 6	21 0 19	14°26'04	21° 2	11°32	4°30	8°15	21°11	6°46	12°10	4° 7	22°33	2°56	3°51	17°41	26°37	T 6
F 7	21 4 16	15°23'26	4♍11	12°30	5°43	8°53	21°22	6°42	12° 8	4° 5	22°35	2°57	3°48	17°48	26°38	F 7
S 8	21 8 12	16°20'48	17°41	13°24	6°57	9°31	21°34	6°37	12° 5	4° 4	22°36	2°R57	3°45	17°55	26°39	S 8
S 9	21 12 9	17°18'10	1♌33	14°16	8°11	10° 8	21°46	6°33	12° 3	4° 2	22°38	2°56	3°42	18° 1	26°41	S 9
M10	21 16 5	18°15'33	15°48	15° 4	9°25	10°46	21°57	6°29	12° 0	4° 1	22°39	2°55	3°38	18° 8	26°42	M10
T 11	21 20 2	19°12'57	0♌23	15°48	10°38	11°23	22° 9	6°24	11°58	3°59	22°40	2°54	3°35	18°15	26°43	T 11
W12	21 23 59	20°10'21	15°13	16°29	11°52	12° 1	22°21	6°20	11°56	3°58	22°42	2°52	3°32	18°21	26°44	W12
T 13	21 27 55	21° 7'46	0♌31	17° 7	13° 6	12°39	22°33	6°16	11°53	3°56	22°43	2°51	3°29	18°28	26°45	T 13
F 14	21 31 52	22° 5'11	15°14	17°40	14°20	13°17	22°45	6°12	11°51	3°54	22°44	2°50	3°26	18°35	26°46	F 14
S 15	21 35 48	23° 2'37	0♌ 7	18° 9	15°34	13°54	22°57	6° 8	11°49	3°53	22°46	2°D50	3°23	18°41	26°47	S 15
S 16	21 39 45	24° 0'04	14°45	18°34	16°48	14°32	23° 9	6° 3	11°46	3°51	22°47	2°50	3°19	18°48	26°48	S 16
M17	21 43 41	24°57'32	29° 1	18°54	18° 2	15°10	23°21	5°59	11°44	3°50	22°48	2°50	3°16	18°55	26°49	M17
T 18	21 47 38	25°55'02	12°V53	19°10	19°16	15°48	23°33	5°55	11°42	3°48	22°50	2°51	3°13	19° 2	26°49	T 18
W19	21 51 34	26°52'32	26°19	19°21	20°30	16°25	23°45	5°51	11°39	3°46	22°51	2°52	3°10	19° 8	26°50	W19
T 20	21 55 31	27°50'04	9♌20	19°27	21°44	17° 3	23°57	5°47	11°37	3°45	22°52	2°52	3° 7	19°15	26°51	T 20
F 21	21 59 28	28°47'37	21°59	19°R27	22°58	17°41	24°10	5°43	11°35	3°43	22°54	2°52	3° 3	19°22	26°51	F 21
S 22	22 3 24	29°45'12	4♍19	19°22	24°12	18°19	24°22	5°40	11°33	3°41	22°55	2°R52	3° 0	19°28	26°52	S 22
S 23	22 7 21	0♍42'48	16°26	19°12	25°26	18°57	24°34	5°36	11°30	3°40	22°56	2°52	2°57	19°35	26°52	S 23
M24	22 11 17	1°40'25	28°22	18°56	26°40	19°35	24°47	5°32	11°28	3°38	22°57	2°52	2°54	19°42	26°53	M24
T 25	22 15 14	2°38'04	10♌13	18°34	27°54	20°13	24°59	5°28	11°26	3°37	22°59	2°D52	2°51	19°48	26°53	T 25
W26	22 19 10	3°35'44	22° 3	18° 8	29° 8	20°51	25°12	5°25	11°24	3°35	23° 0	2°52	2°48	19°55	26°53	W26
T 27	22 23 7	4°33'25	3♌55	17°36	0♍22	21°28	25°24	5°21	11°22	3°33	23° 1	2°52	2°44	20° 2	26°54	T 27
F 28	22 27 3	5°31'08	15°51	16°59	1°36	22° 6	25°37	5°17	11°19	3°32	23° 2	2°52	2°41	20° 8	26°54	F 28
S 29	22 31 0	6°28'53	27°56	16°17	2°50	22°45	25°49	5°14	11°17	3°30	23° 3	2°R52	2°38	20°15	26°54	S 29
S 30	22 34 57	7°26'38	10♍10	15°32	4° 5	23°23	26° 2	5°11	11°15	3°28	23° 5	2°52	2°35	20°22	26°54	S 30
M31	22 38 53	8♍24'25	22♍36	14♍43	5♍19	24♍ 1	26♍14	5°44	11°13	3°27	23° 6	2♍52	2♍32	20°28	26°R54	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17n46	13n51	1s15	9n 1	0s16	20n53	0n29	10n37	1n 6	4n49	1n 3	18s47	0s22	17s40	0s40	10s19	0s26	19n20	2s12	10n25	9n58	18n31	16n43	2s39			
S 2	17 31	10 53	0 10	8 25	0 26	20 40	0 31	10 23	1 6	4 45	1 3	18 48	0 22	17 41	0 40	10 20	0 26	19 19	2 12	10 25	9 59	18 31	16 44	2 39			
M 3	17 15	7 25	0n57	7 49	0 37	20 27	0 34	10 9	1 5	4 40	1 3	18 49	0 23	17 42	0 40	10 21	0 26	19 19	2 12	10 25	10 0	18 31	16 44	2 39			
T 4	16 59	3 36	2 3	7 15	0 48	20 13	0 36	9 55	1 5	4 36	1 3	18 50	0 23	17 42	0 40	10 21	0 26	19 19	2 11	10 25	10 1	18 30	16 44	2 39			
W 5	16 43	0s26	3 3	6 40	0 59	19 58	0 38	9 41	1 5	4 31	1 3	18 52	0 23	17 43	0 40	10 22	0 26	19 19	2 11	10 24	10 2	18 30	16 44	2 40			
T 6	16 26	4 32	3 56	6 7	1 11	19 43	0 40	9 26	1 4	4 27	1 3	18 53	0 23	17 44	0 40	10 22	0 26	19 19	2 11	10 24	10 4	18 30	16 44	2 40			
F 7	16 10	8 30	4 38	5 34	1 23	19 27	0 42	9 12	1 4	4 22	1 3	18 54	0 23	17 44	0 40	10 23	0 26	19 18	2 11	10 23	10 5	18 30	16 44	2 40			
S 8	15 53	12 9	5 5	5 3	1 35	19 11	0 44	8 57	1 3	4 17	1 2	18 55	0 23	17 45	0 40	10 23	0 26	19 18	2 11	10 23	10 6	18 30	16 44	2 40			
S 9	15 35	15 14	5 16	4 32	1 47	18 54	0 46	8 43	1 3	4 13	1 2	18 56	0 23	17 46	0 40	10 24	0 26	19 18	2 11	10 23	10 7	18 29	16 44	2 40			
M10	15 18	17 29	5 8	4 2	1 59	18 37	0 48	8 28	1 3	4 8	1 2	18 57	0 23	17 46	0 40	10 25	0 26	19 18	2 11	10 24	10 8	18 29	16 44	2 41			
T 11	15 0	18 40	4 41	3 34	2 11	18 19	0 50	8 14	1 2	4 3	1 2	18 59	0 23	17 47	0 40	10 25	0 26	19 18	2 11	10 24	10 9	18 29	16 44	2 41			
W12	14 42	18 36	3 54	3 7	2 23	18 0	0 52	7 59	1 2	3 59	1 2	19 0	0 23	17 48	0 40	10 26	0 26	19 17	2 11	10 25	10 10	18 29	16 44	2 41			
T 13	14 24	17 14	2 51	2 41	2 35	17 41	0 54	7 44	1 2	3 54	1 2	19 1	0 23	17 48	0 40	10 26	0 26	19 17	2 11	10 25	10 12	18 28	16 44	2 41			
F 14	14 6	14 41	1 36	2 17	2 47	17 22	0 56	7 30	1 1	3 49	1 2	19 2	0 23	17 49	0 40	10 27	0 26	19 17	2 11	10 26	10 13	18 28	16 44	2 42			
S 15	13 47	11 9	0 15	1 55	2 59	17 2	0 58	7 15	1 1	3 44	1 2	19 3	0 23	17 50	0 40	10 27	0 26	19 17	2 11	10 26	10 14	18 28	16 44	2 42			
S 16	13 28	7 0	1s 6	1 34	3 11	16 41	0 59	7 0	1 1	3 40	1 2	19 4	0 24	17 50	0 40	10 28	0 26	19 17	2 11	10 26	10 15	18 27	16 44	2 42			
M17	13 9	2 32	2 20	1 16	3 22	16 20	1 1	6 45	1 0	3 35	1 2	19 5	0 24	17 51	0 40	10 29	0 26	19 17	2 11	10 25	10 16	18 27	16 44	2 42			
T 18	12 50	1n56	3 24	1 0	3 34	15 59	1 3	6 30	1 0	3 30	1 2	19 6	0 24	17 52	0 40	10 29	0 26	19 16	2 11	10 25	10 17	18 27	16 44	2 43			
W19	12 31	6 9	4 15	0 45	3 44	15 37	1 4	6 15	1 0	3 25	1 2	19 7	0 24	17 52	0 40	10 30	0 26	19 16	2 11	10 25	10 18	18 27	16 44	2 43			
T 20	12 11	9 56	4 51	0 34	3 55	15 15	1 6	6 0	0 59	3 20	1 2	19 8	0 24	17 53	0 40	10 30	0 26	19 16	2 11	10 25	10 20	18 26	16 44	2 43			
F 21	11 51	13 10	5 12	0 25	4 4	14 52	1 7	5 45	0 59	3 15	1 2	19 9	0 24	17 54	0 40	10 31	0 26	19 16	2 11	10 25	10 21	18 26	16 44	2 43			
S 22	11 31	15 44	5 17	0 18	4 13	14 29	1 9	5 30	0 58	3 11	1 2	19 10	0 24	17 54	0 40	10 32	0 26	19 16	2 11	10 25	10 22	18 26	16 44	2 44			
S 23	11 11	17 33	5 9	0 15	4 22	14 6	1 10	5 15	0 58	3 6	1 2	19 11	0 24	17 55	0 40	10 32	0 26	19 15	2 11	10 25	10 23	18 25	16 44	2 44			
M24	10 50	18 34	4 47	0 14	4 29	13 42	1 11	5 0	0 58	3 1	1 2	19 12	0 24	17 55	0 40	10 33	0 26	19 15	2 11	10 25	10 24	18 25	16 44	2 44			
T 25	10 30	18 46	4 13	0 17	4 35	13 18	1 13	4 45	0 57	2 56	1 2	19 13	0 24	17 56	0 40	10 33	0 26	19 15	2 11	10 25	10 25	18 25	16 43	2 44			
W26	10 9	18 8	3 28	0 23	4 40	12 53	1 14	4 29	0 57	2 51	1 2	19 14	0 24	17 57	0 40	10 34	0 26	19 15	2 11	10 25	10 26	18 25	16 43	2 44			
T 27	9 48	16 42	2 34	0 32	4 43	12 28	1 15	4 14	0 56	2 46	1 2	19 15	0 24	17 57	0 40	10 35	0 26	19 15	2 11	10 25	10 28	18 24	16 43	2 45			
F 28	9 27	14 32	1 33	0 44	4 45	12 3	1 16	3 59	0 56	2 41	1 2	19 16	0 24	17 58	0 40	10 35	0 26	19 15	2 11	10 25	10 29	18 24	16 43	2 45			
S 29	9 6	11 43	0 27	1 0	4 46	11 37	1 17	3 43	0 56	2 36	1 2	19 17	0 24	17 58	0 40	10 36	0 26	19 14	2 11	10 25	10 30	18 24	16 43	2 45			
S 30	8 45	8 21	0n40	1 18	4 45	11 11	1 18	3 28	0 55	2 31	1 2	19 18	0 24	17 59	0 40	10 36	0 26	19 14	2 11	10 25	10 31	18 23	16 42	2 45			
M31	8n23	4n34	1n47	1n40	4s41	10n45	1n19	3n13	0n55	2n26	1n 2	19s19	0s25	17s59	0s40	10s37	0s26	19n14	2s11	10n25	10n32	18n23	16n42	2s46			

## ASTRODIENST EPHEMERIS for the year 2668

SEPTEMBER 2668

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 42 50	9♍22°13	5♌14	13°R52	6♍33	24♍39	26♍27	5°R 4	11°R11	3°R25	23♍7	2°R52	2♍28	20♍35	26°R54	T 1
W 2	22 46 46	10°20'02	18° 5	12♍59	7°47	25°17	26°40	5°R 1	11°R 9	3°R23	23° 8	2♍51	2°25	20°42	26°R54	W 2
T 3	22 50 43	11°17'53	1♍10	12° 6	9° 2	25°55	26°52	4°58	11° 7	3°22	23° 9	2°50	2°22	20°48	26°54	T 3
F 4	22 54 39	12°15'45	14°31	11°13	10°16	26°33	27° 5	4°54	11° 5	3°20	23°10	2°49	2°19	20°55	26°53	F 4
S 5	22 58 36	13°13'38	28° 6	10°21	11°30	27°11	27°18	4°51	11° 3	3°19	23°11	2°48	2°16	21° 2	26°53	S 5
S 6	23 2 32	14°11'32	11♌56	9°32	12°44	27°49	27°31	4°49	11° 1	3°17	23°12	2°D48	2°13	21° 8	26°53	S 6
M 7	23 6 29	15° 9'27	26° 2	8°47	13°59	28°28	27°43	4°46	10°59	3°15	23°13	2°48	2° 9	21°15	26°52	M 7
T 8	23 10 26	16° 7'24	10♌30	8° 7	15°13	29° 6	27°56	4°43	10°58	3°14	23°14	2°49	2° 6	21°22	26°52	T 8
W 9	23 14 22	17° 5'22	24°49	7°32	16°27	29°44	28° 9	4°40	10°56	3°12	23°15	2°50	2° 3	21°28	26°52	W 9
T 10	23 18 19	18° 3'21	9♌25	7° 4	17°42	0♌22	28°22	4°38	10°54	3°11	23°16	2°51	2° 0	21°35	26°51	T 10
F 11	23 22 15	19° 1'21	24° 2	6°43	18°56	1° 1	28°35	4°35	10°52	3° 9	23°17	2°51	1°57	21°42	26°50	F 11
S 12	23 26 12	19°59'23	8♌36	6°29	20°11	1°39	28°48	4°33	10°51	3° 8	23°18	2°R51	1°54	21°49	26°50	S 12
S 13	23 30 8	20°57'27	22°59	6°D24	21°25	2°17	29° 0	4°30	10°49	3° 6	23°19	2°51	1°50	21°55	26°49	S 13
M14	23 34 5	21°55'32	7°Y 7	6°28	22°39	2°56	29°13	4°28	10°47	3° 4	23°20	2°49	1°47	22° 2	26°48	M14
T 15	23 38 1	22°53'38	20°55	6°40	23°54	3°34	29°26	4°26	10°46	3° 3	23°21	2°46	1°44	22° 9	26°47	T 15
W16	23 41 58	23°51'47	4♌21	7° 1	25° 8	4°13	29°39	4°24	10°44	3° 1	23°22	2°43	1°41	22°15	26°46	W16
T 17	23 45 54	24°49'57	17°24	7°30	26°23	4°51	29°52	4°22	10°43	3° 0	23°22	2°40	1°38	22°22	26°45	T 17
F 18	23 49 41	25°48'10	0♌6	8° 8	27°37	5°29	0♌5	4°20	10°41	2°58	23°23	2°38	1°34	22°29	26°44	F 18
S 19	23 53 48	26°46'24	12°28	8°54	28°52	6° 8	0°18	4°18	10°40	2°57	23°24	2°36	1°31	22°35	26°43	S 19
S 20	23 57 44	27°44'41	24°36	9°48	0♌6	6°46	0°31	4°16	10°38	2°55	23°25	2°D35	1°28	22°42	26°42	S 20
M21	0 1 41	28°42'59	6♌33	10°49	1°21	7°25	0°44	4°14	10°37	2°54	23°26	2°35	1°25	22°49	26°41	M21
T 22	0 5 37	29°41'19	18°24	11°57	2°35	8° 4	0°57	4°13	10°36	2°53	23°26	2°36	1°22	22°55	26°40	T 22
W23	0 9 34	0♌39'42	0♌14	13°11	3°50	8°42	1°10	4°11	10°34	2°51	23°27	2°38	1°19	23° 2	26°39	W23
T 24	0 13 30	1°38'06	12° 8	14°32	5° 4	9°21	1°23	4°10	10°33	2°50	23°28	2°40	1°15	23° 9	26°37	T 24
F 25	0 17 27	2°36'33	24° 9	15°58	6°19	10° 0	1°36	4° 9	10°32	2°48	23°28	2°41	1°12	23°15	26°36	F 25
S 26	0 21 23	3°35'01	6♍22	17°28	7°34	10°38	1°49	4° 7	10°31	2°47	23°29	2°R41	1° 9	23°22	26°34	S 26
S 27	0 25 20	4°33'32	18°50	19° 3	8°48	11°17	2° 2	4° 6	10°30	2°46	23°30	2°40	1° 6	23°29	26°33	S 27
M28	0 29 17	5°32'04	1♌33	20°41	10° 3	11°56	2°15	4° 5	10°29	2°44	23°30	2°37	1° 3	23°35	26°31	M28
T 29	0 33 13	6°30'38	14°32	22°22	11°17	12°34	2°28	4° 4	10°28	2°43	23°31	2°33	0°59	23°42	26°30	T 29
W30	0 37 10	7♌29'14	27♌47	24♍5	12♌32	13♌13	2♌41	4°R 3	10°R27	2°R42	23°R31	2♍28	0♍56	23°R49	26°R28	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	8n 2	0n32	2n50	2n 4	4s36	10n19	1n20	2n57	0n55	2n21	1n 2	19s20	0s25	18s 0	0s40	10s38
W 2	7 40	3s35	3 45	2 30	4 29	9 52	1 21	2 42	0 54	2 16	1 2	19 21	0 25	18 1	0 40	10 38
T 3	7 18	7 37	4 30	2 59	4 21	9 25	1 21	2 26	0 54	2 11	1 2	19 21	0 25	18 1	0 40	10 39
F 4	6 56	11 20	5 1	3 28	4 10	8 57	1 22	2 11	0 53	2 6	1 2	19 22	0 25	18 2	0 40	10 39
S 5	6 34	14 32	5 16	3 59	3 58	8 30	1 22	1 56	0 53	2 1	1 2	19 23	0 25	18 2	0 40	10 40
S 6	6 12	16 58	5 13	4 30	3 44	8 2	1 23	1 40	0 53	1 56	1 2	19 24	0 25	18 3	0 40	10 41
M 7	5 50	18 26	4 51	5 1	3 28	7 34	1 23	1 25	0 52	1 51	1 2	19 24	0 25	18 3	0 40	10 41
T 8	5 27	18 46	4 11	5 32	3 12	7 6	1 24	1 9	0 52	1 46	1 2	19 25	0 25	18 4	0 40	10 42
W 9	5 5	17 53	3 15	6 1	2 54	6 37	1 24	0 53	0 51	1 40	1 2	19 26	0 25	18 4	0 40	10 42
T 10	4 42	15 48	2 6	6 58	2 36	6 9	1 25	0 38	0 51	1 35	1 2	19 26	0 25	18 5	0 40	10 43
F 11	4 20	12 42	0 49	6 53	2 17	5 40	1 25	0 22	0 51	1 30	1 2	19 27	0 25	18 5	0 40	10 43
S 12	3 57	8 48	0s32	7 16	1 58	5 11	1 25	0 7	0 50	1 25	1 2	19 28	0 25	18 5	0 40	10 44
S 13	3 34	4 27	1 49	7 36	1 39	4 42	1 25	0s 9	0 50	1 20	1 2	19 28	0 25	18 6	0 40	10 45
M14	3 11	0n 5	2 58	7 52	1 20	4 12	1 25	0 24	0 49	1 15	1 2	19 29	0 25	18 6	0 40	10 45
T 15	2 49	4 30	3 55	8 5	1 2	3 43	1 25	0 40	0 49	1 10	1 2	19 30	0 25	18 7	0 40	10 46
W16	2 26	8 34	4 37	8 14	0 43	3 13	1 25	0 55	0 48	1 5	1 2	19 30	0 25	18 7	0 40	10 46
T 17	2 3	12 6	5 4	8 19	0 26	2 44	1 25	1 11	0 48	1 0	1 2	19 31	0 25	18 7	0 40	10 47
F 18	1 40	14 58	5 14	8 21	0 9	2 14	1 24	1 27	0 48	0 55	1 2	19 31	0 26	18 8	0 40	10 47
S 19	1 17	17 5	5 10	8 18	0n 6	1 44	1 24	1 42	0 47	0 49	1 2	19 32	0 26	18 8	0 40	10 48
S 20	0 54	18 23	4 52	8 12	0 21	1 44	1 24	1 58	0 47	0 44	1 2	19 32	0 26	18 9	0 40	10 48
M21	0 31	18 50	4 21	8 1	0 35	0 44	1 23	2 13	0 46	0 39	1 2	19 33	0 26	18 9	0 40	10 49
T 22	0 7	18 28	3 40	7 47	0 47	0 14	1 23	2 29	0 46	0 34	1 2	19 33	0 26	18 9	0 40	10 49
W23	0s16	17 17	2 49	7 29	0 59	0s16	1 22	2 44	0 46	0 29	1 2	19 33	0 26	18 10	0 40	10 50
T 24	0 39	15 20	1 50	7 8	1 9	0 46	1 22	3 0	0 45	0 24	1 2	19 34	0 26	18 10	0 40	10 50
F 25	1 2	12 41	0 47	6 43	1 18	1 16	1 21	3 15	0 45	0 19	1 2	19 34	0 26	18 10	0 40	10 51
S 26	1 25	9 27	0n20	6 15	1 26	1 46	1 20	3 31	0 44	0 14	1 2	19 34	0 26	18 11	0 40	10 51
S 27	1 48	5 45	1 27	5 44	1 33	2 16	1 19	3 47	0 44	0 9	1 2	19 35	0 26	18 11	0 40	10 52
M28	2 11	1 42	2 31	5 11	1 38	2 46	1 18	4 2	0 43	0 3	1 2	19 35	0 26	18 11	0 40	10 52
T 29	2 35	2s30	3 29	4 36	1 43	3 16	1 17	4 17	0 43	0s 2	1 2	19 35	0 26	18 11	0 40	10 53
W30	2s58	6s39	4n16	3n58	1n46	3s46	1n16	4s33	0n42	0s 7	1n 2	19s36	0s26	18s12	0s40	10s53

Julian Day Number = 2695770.5, Delta T = 24m55s

Ecliptic obliquity = 23°21'01", Nutation = - 0°00'07"

Ayanamsha: Fagan/Bradley = 34°05'39", Lahiri = 33°12'39"

## ASTRODIENST EPHEMERIS for the year 2668

OCTOBER 2668

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 41 6	8♂27°52	11♂16	25♂50	13♂47	13♂52	2♂54	4°R 3	10°R26	2°R41	23♂32	2°R22	0♂53	23♂55	26°R26	T 1
F 2	0 45 3	9°26'32	24°58	27°38	15° 1	14°31	3° 6	4♂2	10♂25	2♂39	23°33	2♂16	0°50	24° 2	26♂25	F 2
S 3	0 48 59	10°25'13	8♂49	29°26	16°16	15°10	3°19	4° 2	10°24	2°38	23°33	2°11	0°47	24° 9	26°23	S 3
S 4	0 52 56	11°23'56	22°49	1♂15	17°31	15°49	3°32	4° 1	10°23	2°37	23°33	2° 8	0°44	24°15	26°21	S 4
M 5	0 56 52	12°22'41	6♂54	3° 4	18°45	16°28	3°45	4° 1	10°23	2°36	23°34	2°D 7	0°40	24°22	26°19	M 5
T 6	1 0 49	13°21'27	21° 3	4°54	20° 0	17° 7	3°58	4° 0	10°22	2°35	23°34	2° 7	0°37	24°29	26°17	T 6
W 7	1 4 46	14°20'15	5♂15	6°44	21°15	17°46	4°11	4° 0	10°21	2°33	23°35	2° 8	0°34	24°35	26°15	W 7
T 8	1 8 42	15°19'05	19°27	8°34	22°29	18°25	4°24	4°D 0	10°21	2°32	23°35	2° 9	0°31	24°42	26°13	T 8
F 9	1 12 39	16°17'56	3♂38	10°24	23°44	19° 4	4°37	4° 0	10°20	2°31	23°36	2°R10	0°28	24°49	26°11	F 9
S 10	1 16 35	17°16'49	17°45	12°13	24°59	19°43	4°49	4° 1	10°20	2°30	23°36	2° 9	0°25	24°55	26° 9	S 10
S 11	1 20 32	18°15'44	1♂44	14° 2	26°13	20°22	5° 2	4° 1	10°19	2°29	23°36	2° 6	0°21	25° 2	26° 7	S 11
M12	1 24 28	19°14'41	15°32	15°50	27°28	21° 1	5°15	4° 1	10°19	2°28	23°36	2° 0	0°18	25° 9	26° 5	M12
T 13	1 28 25	20°13'39	29° 6	17°37	28°43	21°40	5°28	4° 2	10°18	2°27	23°37	1°53	0°15	25°15	26° 3	T 13
W14	1 32 21	21°12'40	12♂23	19°24	29°58	22°20	5°41	4° 2	10°18	2°26	23°37	1°44	0°12	25°22	26° 0	W14
T 15	1 36 18	22°11'43	25°21	21°10	1♂12	22°59	5°53	4° 3	10°18	2°25	23°37	1°36	0° 9	25°29	25°58	T 15
F 16	1 40 14	23°10'48	8♂0	22°55	2°27	23°38	6° 6	4° 4	10°18	2°24	23°37	1°27	0° 5	25°35	25°56	F 16
S 17	1 44 11	24° 9'55	20°22	24°40	3°42	24°17	6°19	4° 4	10°17	2°24	23°38	1°20	0° 2	25°42	25°53	S 17
S 18	1 48 8	25° 9'05	2♂29	26°24	4°56	24°57	6°31	4° 5	10°17	2°23	23°38	1°15	29♂59	25°49	25°51	S 18
M19	1 52 4	26° 8'17	14°26	28° 7	6°11	25°36	6°44	4° 6	10°17	2°22	23°38	1°13	29°56	25°55	25°48	M19
T 20	1 56 1	27° 7'31	26°16	29°49	7°26	26°15	6°56	4° 8	10°D17	2°21	23°38	1°D12	29°53	26° 2	25°46	T 20
W21	1 59 57	28° 6'47	8♂6	1♂31	8°41	26°55	7° 9	4° 9	10°17	2°20	23°38	1°12	29°50	26° 9	25°43	W21
T 22	2 3 54	29° 6'05	20° 0	3°11	9°55	27°34	7°21	4°10	10°17	2°20	23°38	1°13	29°46	26°15	25°41	T 22
F 23	2 7 50	0♂5'26	2♂4	4°51	11°10	28°14	7°34	4°12	10°18	2°19	23°38	1°R14	29°43	26°22	25°38	F 23
S 24	2 11 47	1° 4'49	14°22	6°31	12°25	28°53	7°46	4°13	10°18	2°18	23°R38	1°13	29°40	26°29	25°36	S 24
S 25	2 15 43	2° 4'14	26°58	8° 9	13°40	29°33	7°59	4°15	10°18	2°18	23°38	1°10	29°37	26°35	25°33	S 25
M26	2 19 40	3° 3'42	9♂55	9°47	14°54	0♂13	8°11	4°17	10°18	2°17	23°38	1° 4	29°34	26°42	25°30	M26
T 27	2 23 37	4° 3'11	23°13	11°25	16° 9	0°52	8°23	4°18	10°19	2°16	23°38	0°56	29°31	26°49	25°28	T 27
W28	2 27 33	5° 2'43	6♂52	13° 1	17°24	1°32	8°36	4°20	10°19	2°16	23°38	0°46	29°27	26°55	25°25	W28
T 29	2 31 30	6° 2'16	20°49	14°37	18°39	2°12	8°48	4°22	10°20	2°15	23°38	0°35	29°24	27° 2	25°22	T 29
F 30	2 35 26	7° 1'52	4♂58	16°12	19°54	2°51	9° 0	4°24	10°20	2°15	23°38	0°25	29°21	27° 9	25°20	F 30
S 31	2 39 23	8♂1'29	19♂15	17♂47	21♂8	3♂31	9♂12	4♂27	10♂21	2♂15	23♂38	0♂15	29♂18	27♂15	25♂17	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	3s21	10s33	4n50	3n19	1n49	4s15	1n15	4s48	0n42	0s12	1n 2	19s36	0s26	18s12	0s40	T 1
F 2	3 44	13 57	5 8	2 38	1 50	4 45	1 14	5 4	0 42	0 17	1 2	19 36	0 26	18 12	0 40	F 2
S 3	4 7	16 36	5 9	1 56	1 51	5 15	1 13	5 19	0 41	0 22	1 2	19 36	0 26	18 12	0 40	S 3
S 4	4 30	18 19	4 51	1 12	1 51	5 44	1 12	5 34	0 41	0 27	1 2	19 36	0 26	18 12	0 40	S 4
M 5	4 52	18 55	4 15	0 28	1 50	6 14	1 11	5 50	0 40	0 32	1 2	19 36	0 26	18 13	0 40	M 5
T 6	5 15	18 20	3 24	0s16	1 49	6 43	1 9	6 5	0 40	0 37	1 2	19 36	0 26	18 13	0 40	T 6
W 7	5 38	16 37	2 21	1 2	1 47	7 12	1 8	6 20	0 39	0 42	1 2	19 36	0 26	18 13	0 40	W 7
T 8	6 1	13 51	1 8	1 47	1 44	7 42	1 6	6 35	0 39	0 47	1 2	19 37	0 26	18 13	0 39	T 8
F 9	6 23	10 16	0s 8	2 33	1 41	8 10	1 5	6 51	0 38	0 52	1 2	19 37	0 26	18 13	0 39	F 9
S 10	6 46	6 6	1 23	3 19	1 38	8 39	1 3	7 6	0 38	0 57	1 2	19 37	0 26	18 13	0 39	S 10
S 11	7 8	1 39	2 33	4 5	1 33	9 8	1 2	7 21	0 38	1 2	1 2	19 37	0 26	18 13	0 39	S 11
M12	7 30	2n50	3 32	4 50	1 29	9 36	1 0	7 36	0 37	1 7	1 2	19 36	0 26	18 13	0 39	M12
T 13	7 53	7 5	4 19	5 36	1 24	10 4	0 58	7 51	0 37	1 12	1 3	19 36	0 27	18 13	0 39	T 13
W14	8 15	10 53	4 50	6 21	1 19	10 32	0 57	8 6	0 36	1 17	1 3	19 36	0 27	18 14	0 39	W14
T 15	8 37	14 5	5 5	7 5	1 14	11 0	0 55	8 21	0 36	1 22	1 3	19 36	0 27	18 14	0 39	T 15
F 16	8 59	16 33	5 5	7 50	1 8	11 27	0 53	8 36	0 35	1 27	1 3	19 36	0 27	18 14	0 39	F 16
S 17	9 20	18 11	4 50	8 33	1 2	11 54	0 51	8 51	0 35	1 32	1 3	19 36	0 27	18 14	0 39	S 17
S 18	9 42	18 57	4 23	9 17	0 56	12 21	0 49	9 5	0 34	1 37	1 3	19 36	0 27	18 14	0 39	S 18
M19	10 3	18 51	3 44	9 59	0 50	12 47	0 47	9 20	0 34	1 42	1 3	19 35	0 27	18 14	0 39	M19
T 20	10 25	17 56	2 56	10 41	0 43	13 14	0 45	9 35	0 33	1 47	1 3	19 35	0 27	18 14	0 39	T 20
W21	10 46	16 14	2 1	11 23	0 37	13 40	0 43	9 49	0 33	1 52	1 3	19 35	0 27	18 14	0 39	W21
T 22	11 7	13 49	1 0	12 3	0 30	14 5	0 41	10 4	0 32	1 56	1 3	19 35	0 27	18 13	0 39	T 22
F 23	11 28	10 46	0n 4	12 43	0 24	14 30	0 39	10 19	0 32	2 1	1 3	19 34	0 27	18 13	0 39	F 23
S 24	11 48	7 12	1 10	13 23	0 17	14 55	0 37	10 33	0 31	2 6	1 3	19 34	0 27	18 13	0 39	S 24
S 25	12 9	3 14	2 13	14 1	0 10	15 20	0 35	10 47	0 31	2 11	1 3	19 34	0 27	18 13	0 39	S 25
M26	12 29	0s59	3 11	14 39	0 3	15 44	0 32	11 2	0 30	2 16	1 4	19 33	0 27	18 13	0 39	M26
T 27	12 49	5 16	4 0	15 15	0s 4	16 8	0 30	11 16	0 30	2 20	1 4	19 33	0 27	18 13	0 39	T 27
W28	13 9	9 23	4 37	15 51	0 11	16 31	0 28	11 30	0 29	2 25	1 4	19 32	0 27	18 13	0 39	W28
T 29	13 29	13 5	4 58	16 27	0 17	16 54	0 25	11 44	0 29	2 30	1 4	19 32	0 27	18 13	0 39	T 29
F 30	13 49	16 6	5 2	17 1	0 24	17 17	0 23	11 58	0 28	2 35	1 4	19 32	0 27	18 13	0 39	F 30
S 31	14s 8	18s 9	4n47	17s34	0s31	17s39	0n21	12s12	0n28	2s39	1n 4	19s31	0s27	18s12	0s39	S 31

Julian Day Number = 2695800.5, Delta T = 24m55s

Ecliptic obliquity = 23°21'01, Nutation = - 0°00'09

Ayanamsha: Fagan/Bradley = 34°05'43, Lahiri = 33°12'43

## ASTRODIENST EPHEMERIS for the year 2668

NOVEMBER 2668

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 43 19	9♈ 1°08	3♈35	19♈21	22♈23	4♈11	9♈24	4♈29	10♈21	2°R14	23°R37	0°R 8	29♈15	27♈22	25°R14	S 1
M 2	2 47 16	10° 0'49	17°52	20°55	23°38	4°51	9°36	4°31	10°22	2°H14	23°H37	0°H 4	29°11	27°29	25°H11	M 2
T 3	2 51 12	11° 0'32	2♈4	22°28	24°53	5°31	9°48	4°34	10°23	2°13	23°37	0° 2	29° 8	27°35	25° 8	T 3
W 4	2 55 9	12° 0'16	16°10	24° 0	26° 8	6°10	10° 0	4°37	10°23	2°13	23°37	0°D 2	29° 5	27°42	25° 5	W 4
T 5	2 59 6	13° 0'01	0♈8	25°32	27°22	6°50	10°12	4°39	10°24	2°13	23°36	0°R 2	29° 2	27°49	25° 3	T 5
F 6	3 3 2	13°59'49	13°58	27° 4	28°37	7°30	10°24	4°42	10°25	2°13	23°36	0° 2	28°59	27°55	25° 0	F 6
S 7	3 6 59	14°59'37	27°40	28°34	29°52	8°10	10°36	4°45	10°26	2°12	23°36	29♈59	28°56	28° 2	24°57	S 7
S 8	3 10 55	15°59'28	11°V14	0♈5	1♈7	8°50	10°47	4°48	10°27	2°12	23°35	29°54	28°52	28° 9	24°54	S 8
M 9	3 14 52	16°59'20	24°37	1°34	2°21	9°30	10°59	4°51	10°28	2°12	23°35	29°45	28°49	28°15	24°51	M 9
T 10	3 18 48	17°59'14	7♈50	3° 4	3°36	10°10	11°11	4°54	10°29	2°12	23°35	29°34	28°46	28°22	24°48	T 10
W 11	3 22 45	18°59'10	20°49	4°32	4°51	10°51	11°22	4°57	10°30	2°12	23°34	29°21	28°43	28°29	24°45	W 11
T 12	3 26 41	19°59'08	3♈34	6° 1	6° 6	11°31	11°34	5° 1	10°31	2°12	23°34	29° 8	28°40	28°35	24°42	T 12
F 13	3 30 38	20°59'08	16° 5	7°28	7°20	12°11	11°45	5° 4	10°33	2°D12	23°33	28°55	28°36	28°42	24°39	F 13
S 14	3 34 35	21°59'10	28°21	8°55	8°35	12°51	11°56	5° 7	10°34	2°12	23°33	28°43	28°33	28°49	24°36	S 14
S 15	3 38 31	22°59'14	10♈25	10°22	9°50	13°31	12° 8	5°11	10°35	2°12	23°32	28°35	28°30	28°55	24°33	S 15
M 16	3 42 28	23°59'20	22°20	11°48	11° 5	14°12	12°19	5°15	10°37	2°12	23°32	28°28	28°27	29° 2	24°30	M 16
T 17	3 46 24	24°59'27	4♈8	13°13	12°20	14°52	12°30	5°18	10°38	2°12	23°31	28°25	28°24	29° 9	24°27	T 17
W 18	3 50 21	25°59'37	15°56	14°37	13°34	15°33	12°41	5°22	10°39	2°12	23°31	28°24	28°21	29°15	24°24	W 18
T 19	3 54 17	26°59'49	27°49	16° 1	14°49	16°13	12°52	5°26	10°41	2°12	23°30	28°24	28°17	29°22	24°21	T 19
F 20	3 58 14	28° 0'03	9♈51	17°24	16° 4	16°53	13° 3	5°30	10°42	2°12	23°30	28°23	28°14	29°29	24°18	F 20
S 21	4 2 10	29° 0'18	22° 8	18°46	17°19	17°34	13°14	5°34	10°44	2°13	23°29	28°22	28°11	29°35	24°15	S 21
S 22	4 6 7	0♈0'36	4♈46	20° 7	18°33	18°14	13°24	5°38	10°46	2°13	23°28	28°19	28° 8	29°42	24°12	S 22
M 23	4 10 4	1° 0'55	17°49	21°26	19°48	18°55	13°35	5°43	10°47	2°13	23°28	28°12	28° 5	29°49	24° 9	M 23
T 24	4 14 0	2° 1'17	1♈17	22°45	21° 3	19°36	13°46	5°47	10°49	2°14	23°27	28° 3	28° 2	29°55	24° 6	T 24
W 25	4 17 57	3° 1'40	15°12	24° 2	22°18	20°16	13°56	5°51	10°51	2°14	23°26	27°52	27°58	0♈2	24° 3	W 25
T 26	4 21 53	4° 2'05	29°30	25°18	23°33	20°57	14° 6	5°56	10°53	2°15	23°25	27°40	27°55	0° 9	24° 1	T 26
F 27	4 25 50	5° 2'32	14♈4	26°32	24°47	21°38	14°17	6° 0	10°55	2°15	23°25	27°28	27°52	0°15	23°58	F 27
S 28	4 29 46	6° 3'00	28°49	27°44	26° 2	22°18	14°27	6° 5	10°57	2°15	23°24	27°17	27°49	0°22	23°55	S 28
S 29	4 33 43	7° 3'30	13♈34	28°54	27°17	22°59	14°37	6°10	10°58	2°16	23°23	27° 9	27°46	0°29	23°52	S 29
M 30	4 37 39	8♈4'01	28♈14	0♈1	28♈32	23♈40	14♈47	6♈14	11♈0	2°H17	23°H22	27♈4	27♈42	0♈35	23♈49	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	14s27	19s 5	4n13	18s 7	0s38	18s 0	0n18	12s26	0n27	2s44	1n 4	19s31	0s27	18s12	0s39	11s 3
M 2	14 46	18 47	3 24	18 38	0 45	18 21	0 16	12 40	0 27	2 48	1 4	19 30	0 27	18 12	0 39	11 3
T 3	15 4	17 18	2 23	19 9	0 51	18 42	0 13	12 54	0 26	2 53	1 4	19 29	0 27	18 12	0 39	11 3
W 4	15 23	14 46	1 13	19 38	0 58	19 2	0 11	13 7	0 26	2 58	1 4	19 29	0 27	18 12	0 39	11 4
T 5	15 41	11 23	0s 1	20 7	1 4	19 22	0 9	13 21	0 25	3 2	1 5	19 28	0 27	18 11	0 39	11 4
F 6	15 59	7 25	1 13	20 35	1 11	19 41	0 6	13 34	0 25	3 7	1 5	19 28	0 27	18 11	0 39	11 4
S 7	16 16	3 5	2 21	21 1	1 17	19 59	0 4	13 48	0 24	3 11	1 5	19 27	0 27	18 11	0 39	11 4
S 8	16 34	1n22	3 20	21 27	1 23	20 17	0 1	14 1	0 24	3 16	1 5	19 26	0 27	18 10	0 39	11 4
M 9	16 51	5 41	4 7	21 51	1 29	20 35	0s 1	14 14	0 23	3 20	1 5	19 26	0 27	18 10	0 39	11 4
T 10	17 8	9 39	4 39	22 15	1 35	20 52	0 4	14 27	0 23	3 24	1 5	19 25	0 27	18 10	0 39	11 4
W 11	17 24	13 7	4 57	22 37	1 41	21 8	0 6	14 40	0 22	3 29	1 5	19 24	0 27	18 9	0 39	11 4
T 12	17 40	15 53	4 59	22 58	1 46	21 24	0 9	14 53	0 22	3 33	1 5	19 23	0 28	18 9	0 38	11 4
F 13	17 56	17 52	4 47	23 19	1 52	21 39	0 12	15 6	0 21	3 37	1 6	19 23	0 28	18 9	0 38	11 4
S 14	18 12	18 59	4 22	23 38	1 57	21 53	0 14	15 19	0 21	3 42	1 6	19 22	0 28	18 8	0 38	11 4
S 15	18 27	19 12	3 45	23 55	2 2	22 7	0 17	15 31	0 20	3 46	1 6	19 21	0 28	18 8	0 38	11 4
M 16	18 42	18 34	2 59	24 12	2 6	22 20	0 19	15 44	0 20	3 50	1 6	19 20	0 28	18 8	0 38	11 4
T 17	18 57	17 8	2 5	24 28	2 11	22 33	0 22	15 56	0 19	3 54	1 6	19 19	0 28	18 7	0 38	11 4
W 18	19 11	14 57	1 6	24 42	2 15	22 45	0 24	16 8	0 19	3 59	1 6	19 18	0 28	18 7	0 38	11 4
T 19	19 25	12 8	0 3	24 55	2 19	22 56	0 27	16 20	0 18	4 3	1 6	19 17	0 28	18 6	0 38	11 4
F 20	19 38	8 47	1n 0	25 7	2 22	23 7	0 29	16 32	0 18	4 7	1 6	19 16	0 28	18 6	0 38	11 4
S 21	19 52	4 59	2 2	25 17	2 25	23 16	0 32	16 44	0 17	4 11	1 7	19 15	0 28	18 5	0 38	11 4
S 22	20 5	0 52	3 0	25 27	2 28	23 26	0 34	16 56	0 16	4 15	1 7	19 14	0 28	18 5	0 38	11 3
M 23	20 17	3s25	3 50	25 35	2 30	23 34	0 37	17 8	0 16	4 19	1 7	19 13	0 28	18 5	0 38	11 3
T 24	20 29	7 40	4 29	25 41	2 32	23 42	0 39	17 19	0 15	4 23	1 7	19 12	0 28	18 4	0 38	11 3
W 25	20 41	11 39	4 53	25 47	2 34	23 49	0 42	17 31	0 15	4 27	1 7	19 11	0 28	18 4	0 38	11 3
T 26	20 53	15 4	5 0	25 51	2 35	23 55	0 44	17 42	0 14	4 30	1 7	19 10	0 28	18 3	0 38	11 3
F 27	21 4	17 38	4 48	25 54	2 36	24 1	0 46	17 53	0 14	4 34	1 8	19 9	0 28	18 2	0 38	11 3
S 28	21 14	19 4	4 17	25 55	2 36	24 6	0 49	18 4	0 13	4 38	1 8	19 8	0 28	18 2	0 38	11 3
S 29	21 24	19 12	3 28	25 56	2 35	24 10	0 51	18 15	0 13	4 42	1 8	19 7	0 28	18 1	0 38	11 2
M 30	21s34	18s 3	2n26	25s55	2s34	24s14	0s53	18s26	0n12	4s46	1n 8	19s 6	0s28	18s 1	0s38	11s 2

Julian Day Number = 2695831.5, Delta T = 24m56s

Ecliptic obliquity = 23°21'01", Nutation = - 0°00'11"

Ayanamsha: Fagan/Bradley = 34°05'47", Lahiri = 33°12'47"

## ASTRODIENST EPHEMERIS for the year 2668

DECEMBER 2668

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 41 36	9♂ 4'33	12♂42	1♂ 5	29♂46	24♂21	14♂57	6♂19	11♂ 3	2♂17	23°R21	27°R 1	27♂39	0♂42	23°R46	T 1
W 2	4 45 33	10° 5'07	26°56	2° 6	1♂ 1	25° 2	15° 7	6°24	11° 5	2°18	23♂21	27°D 1	27°36	0°49	23♂43	W 2
T 3	4 49 29	11° 5'41	10♂53	3° 4	2°16	25°43	15°17	6°29	11° 7	2°18	23°20	27°R 1	27°33	0°55	23°40	T 3
F 4	4 53 26	12° 6'17	24°35	3°57	3°31	26°24	15°26	6°34	11° 9	2°19	23°19	27♂ 0	27°30	1° 2	23°38	F 4
S 5	4 57 22	13° 6'53	8♂ 2	4°46	4°46	27° 5	15°36	6°39	11°11	2°20	23°18	26°58	27°27	1° 9	23°35	S 5
S 6	5 1 19	14° 7'31	21°17	5°29	6° 0	27°46	15°45	6°44	11°13	2°21	23°17	26°53	27°23	1°15	23°32	S 6
M 7	5 5 15	15° 8'10	4♂18	6° 6	7°15	28°27	15°54	6°50	11°16	2°21	23°16	26°45	27°20	1°22	23°29	M 7
T 8	5 9 12	16° 8'50	17° 9	6°36	8°30	29° 8	16° 4	6°55	11°18	2°22	23°15	26°35	27°17	1°29	23°27	T 8
W 9	5 13 8	17° 9'31	29°48	6°59	9°44	29°49	16°13	7° 0	11°20	2°23	23°14	26°22	27°14	1°35	23°24	W 9
T 10	5 17 5	18°10'14	12♂16	7°14	10°59	0♂30	16°22	7° 6	11°23	2°24	23°13	26° 9	27°11	1°42	23°21	T 10
F 11	5 21 2	19°10'57	24°34	7°R19	12°14	1°12	16°31	7°11	11°25	2°25	23°12	25°57	27° 8	1°49	23°19	F 11
S 12	5 24 58	20°11'42	6♂41	7°14	13°28	1°53	16°39	7°17	11°28	2°26	23°11	25°46	27° 4	1°55	23°16	S 12
S 13	5 28 55	21°12'28	18°40	6°59	14°43	2°34	16°48	7°22	11°30	2°27	23°10	25°37	27° 1	2° 2	23°14	S 13
M14	5 32 51	22°13'16	0♂31	6°32	15°58	3°15	16°57	7°28	11°33	2°28	23° 9	25°31	26°58	2° 9	23°11	M14
T 15	5 36 48	23°14'04	12°18	5°55	17°13	3°57	17° 5	7°34	11°35	2°29	23° 8	25°28	26°55	2°15	23° 9	T 15
W16	5 40 44	24°14'54	24° 5	5° 6	18°27	4°38	17°13	7°39	11°38	2°30	23° 7	25°D27	26°52	2°22	23° 6	W16
T 17	5 44 41	25°15'46	5♂55	4° 7	19°42	5°20	17°21	7°45	11°41	2°31	23° 6	25°27	26°48	2°29	23° 4	T 17
F 18	5 48 37	26°16'38	17°55	2°59	20°56	6° 1	17°29	7°51	11°43	2°32	23° 5	25°28	26°45	2°35	23° 1	F 18
S 19	5 52 34	27°17'32	0♂10	1°43	22°11	6°43	17°37	7°57	11°46	2°33	23° 4	25°R29	26°42	2°42	22°59	S 19
S 20	5 56 31	28°18'27	12°44	0°23	23°26	7°24	17°45	8° 3	11°49	2°35	23° 3	25°27	26°39	2°48	22°57	S 20
M21	6 0 27	29°19'23	25°43	29♂ 0	24°40	8° 6	17°53	8° 9	11°52	2°36	23° 2	25°24	26°36	2°55	22°55	M21
T 22	6 4 24	0♂20'20	9♂ 9	27°38	25°55	8°48	18° 0	8°15	11°54	2°37	23° 1	25°18	26°33	3° 2	22°52	T 22
W23	6 8 20	1°21'18	23° 5	26°18	27°10	9°29	18° 8	8°21	11°57	2°38	22°59	25°11	26°29	3° 8	22°50	W23
T 24	6 12 17	2°22'18	7♂29	25° 4	28°24	10°11	18°15	8°28	12° 0	2°40	22°58	25° 2	26°26	3°15	22°48	T 24
F 25	6 16 13	3°23'19	22°16	23°59	29°39	10°53	18°22	8°34	12° 3	2°41	22°57	24°54	26°23	3°22	22°46	F 25
S 26	6 20 10	4°24'20	7♂18	23° 2	0♂53	11°35	18°29	8°40	12° 6	2°43	22°56	24°46	26°20	3°28	22°44	S 26
S 27	6 24 6	5°25'22	22°25	22°16	2° 8	12°16	18°36	8°46	12° 9	2°44	22°55	24°40	26°17	3°35	22°42	S 27
M28	6 28 3	6°26'25	7♂28	21°41	3°22	12°58	18°42	8°53	12°12	2°45	22°54	24°37	26°14	3°42	22°40	M28
T 29	6 32 0	7°27'28	22°19	21°17	4°37	13°40	18°49	8°59	12°15	2°47	22°52	24°D35	26°10	3°48	22°38	T 29
W30	6 35 56	8°28'31	6♂51	21° 4	5°51	14°22	18°55	9° 6	12°18	2°48	22°51	24°36	26° 7	3°55	22°36	W30
T 31	6 39 53	9♂29'35	21♂ 1	21°D 1	7♂ 6	15♂ 4	19♂ 2	9♂12	12♂21	2♂50	22♂50	24♂37	26♂ 4	4♂ 2	22♂34	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
T 1	21s44	15s44	1n15	25s52	2s31	24s17	0s56	18s36	0n11	4s49	1n 8	19s 5	0s28	18s 0	0s38	11s 2
W 2	21 53	12 29	0 0	25 49	2 29	24 19	0 58	18 47	0 11	4 53	1 8	19 3	0 28	18 0	0 38	11 2
T 3	22 1	8 35	1s13	25 44	2 25	24 20	1 0	18 57	0 10	4 56	1 9	19 2	0 28	17 59	0 38	11 1
F 4	22 10	4 18	2 21	25 38	2 20	24 20	1 2	19 7	0 10	5 0	1 9	19 1	0 28	17 58	0 38	11 1
S 5	22 17	0n 7	3 19	25 31	2 15	24 20	1 4	19 17	0 9	5 3	1 9	19 0	0 28	17 58	0 38	11 1
S 6	22 25	4 28	4 6	25 22	2 8	24 19	1 6	19 27	0 9	5 7	1 9	18 59	0 28	17 57	0 38	11 1
M 7	22 32	8 31	4 39	25 13	2 0	24 18	1 9	19 37	0 8	5 10	1 9	18 57	0 28	17 56	0 38	11 0
T 8	22 38	12 7	4 58	25 2	1 51	24 15	1 11	19 46	0 7	5 14	1 9	18 56	0 28	17 56	0 38	11 0
W 9	22 44	15 7	5 1	24 51	1 41	24 12	1 13	19 55	0 7	5 17	1 10	18 55	0 28	17 55	0 38	11 0
T 10	22 50	17 23	4 50	24 39	1 29	24 8	1 15	20 5	0 6	5 20	1 10	18 53	0 28	17 54	0 38	10 59
F 11	22 55	18 49	4 26	24 25	1 16	24 3	1 16	20 14	0 6	5 23	1 10	18 52	0 29	17 54	0 38	10 59
S 12	22 59	19 22	3 49	24 11	1 2	23 58	1 18	20 23	0 5	5 27	1 10	18 51	0 29	17 53	0 38	10 59
S 13	23 4	19 2	3 3	23 56	0 46	23 52	1 20	20 31	0 4	5 30	1 10	18 49	0 29	17 52	0 38	10 58
M14	23 7	17 52	2 9	23 40	0 29	23 45	1 22	20 40	0 4	5 33	1 11	18 48	0 29	17 52	0 38	10 58
T 15	23 11	15 56	1 10	23 24	0 11	23 38	1 23	20 48	0 3	5 36	1 11	18 46	0 29	17 51	0 38	10 58
W16	23 14	13 20	0 7	23 7	0n 9	23 29	1 25	20 57	0 3	5 39	1 11	18 45	0 29	17 50	0 38	10 57
T 17	23 16	10 10	0n56	22 49	0 28	23 20	1 27	21 5	0 2	5 42	1 11	18 44	0 29	17 49	0 38	10 57
F 18	23 18	6 34	1 58	22 30	0 49	23 11	1 28	21 12	0 2	5 45	1 11	18 42	0 29	17 49	0 38	10 56
S 19	23 19	2 37	2 55	22 12	1 9	23 0	1 30	21 20	0 1	5 47	1 12	18 41	0 29	17 48	0 38	10 56
S 20	23 20	1s32	3 46	21 53	1 28	22 49	1 31	21 28	0 0	5 50	1 12	18 39	0 29	17 47	0 38	10 56
M21	23 21	5 45	4 27	21 34	1 46	22 38	1 32	21 35	0s 0	5 53	1 12	18 38	0 29	17 46	0 38	10 55
T 22	23 21	9 50	4 55	21 17	2 3	22 25	1 34	21 42	0 1	5 55	1 12	18 36	0 29	17 45	0 38	10 55
W23	23 21	13 32	5 6	21 0	2 18	22 12	1 35	21 49	0 2	5 58	1 12	18 34	0 29	17 45	0 38	10 54
T 24	23 20	16 33	4 59	20 46	2 30	21 58	1 36	21 56	0 2	6 1	1 13	18 33	0 29	17 44	0 38	10 54
F 25	23 18	18 35	4 33	20 33	2 40	21 44	1 37	22 2	0 3	6 3	1 13	18 31	0 29	17 43	0 38	10 53
S 26	23 17	19 23	3 47	20 23	2 48	21 29	1 38	22 9	0 3	6 5	1 13	18 30	0 29	17 42	0 38	10 53
S 27	23 14	18 47	2 45	20 15	2 53	21 13	1 39	22 15	0 4	6 8	1 13	18 28	0 29	17 41	0 38	10 52
M28	23 12	16 52	1 31	20 10	2 56	20 57	1 40	22 21	0 5	6 10	1 13	18 26	0 29	17 40	0 37	10 52
T 29	23 8	13 50	0 12	20 7	2 57	20 40	1 41	22 27	0 5	6 12	1 14	18 25	0 29	17 40	0 37	10 51
W30	23 5	9 59	1s 6	20 7	2 57	20 23	1 42	22 32	0 6	6 15	1 14	18 23	0 29	17 39	0 37	10 51
T 31	23s 1	5s40	2s18	20s 9	2n54	20s 5	1s43	22s38	0s 7	6s17	1n14	18s22	0s29	17s38	0s37	10s50

Julian Day Number = 2695861.5, Delta T = 24m56s

Ecliptic obliquity = 23°21'00, Nutation = - 0°00'10

Ayanamsha: Fagan/Bradley = 34°05'52, Lahiri = 33°12'52

## ASTRODIENST EPHEMERIS for the year 2669

JANUARY 2669

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	6 43 49	10°30'38	4°49'	21°7	8°20	15°46	19°8	9°19	12°24	2°51	22°49	24°38	26°1	4°8	22°33	F 1
S 2	6 47 46	11°31'42	18°14	21°23	9°35	16°28	19°14	9°25	12°27	2°53	22°48	24°38	25°58	4°15	22°31	S 2
S 3	6 51 42	12°32'47	18°21	21°46	10°49	17°10	19°19	9°32	12°31	2°55	22°46	24°36	25°54	4°22	22°29	S 3
M 4	6 55 39	13°33'51	14°10	22°17	12°4	17°53	19°25	9°38	12°34	2°56	22°45	24°32	25°51	4°28	22°28	M 4
T 5	6 59 35	14°34'56	26°45	22°55	13°18	18°35	19°30	9°45	12°37	2°58	22°44	24°27	25°48	4°35	22°26	T 5
W 6	7 3 32	15°36'00	9°11	23°38	14°32	19°17	19°36	9°52	12°40	2°59	22°43	24°20	25°45	4°42	22°24	W 6
T 7	7 7 29	16°37'05	21°21	24°27	15°47	19°59	19°41	9°59	12°43	3°1	22°41	24°13	25°42	4°48	22°23	T 7
F 8	7 11 25	17°38'11	3°26	25°20	17°1	20°41	19°46	10°5	12°47	3°3	22°40	24°5	25°39	4°55	22°22	F 8
S 9	7 15 22	18°39'16	15°23	26°17	18°15	21°24	19°51	10°12	12°50	3°5	22°39	23°59	25°35	5°2	22°20	S 9
S 10	7 19 18	19°40'22	27°16	27°18	19°29	22°6	19°55	10°19	12°53	3°6	22°38	23°55	25°32	5°8	22°19	S 10
M 11	7 23 15	20°41'27	9°14	28°22	20°44	22°49	20°0	10°26	12°57	3°8	22°36	23°52	25°29	5°15	22°18	M 11
T 12	7 27 11	21°42'33	20°51	29°29	21°58	23°31	20°4	10°33	13°0	3°10	22°35	23°50	25°26	5°22	22°17	T 12
W 13	7 31 8	22°43'39	2°10	30°38	23°12	24°14	20°8	10°39	13°3	3°12	22°34	23°51	25°23	5°28	22°15	W 13
T 14	7 35 5	23°44'46	14°33	1°50	24°26	24°56	20°12	10°46	13°7	3°14	22°33	23°52	25°20	5°35	22°14	T 14
F 15	7 39 1	24°45'52	26°34	3°3	25°40	25°39	20°16	10°53	13°10	3°16	22°31	23°54	25°16	5°42	22°13	F 15
S 16	7 42 58	25°46'59	8°48	4°19	26°54	26°21	20°20	11°0	13°13	3°17	22°30	23°56	25°13	5°48	22°12	S 16
S 17	7 46 54	26°48'06	21°19	5°35	28°8	27°4	20°23	11°7	13°17	3°19	22°29	23°57	25°10	5°55	22°12	S 17
M 18	7 50 51	27°49'13	4°12	6°54	29°22	27°47	20°26	11°14	13°20	3°21	22°28	23°57	25°7	6°1	22°11	M 18
T 19	7 54 47	28°50'20	17°30	8°14	30°36	28°29	20°29	11°21	13°24	3°23	22°26	23°55	25°4	6°8	22°10	T 19
W 20	7 58 44	29°51'28	1°16	9°35	1°50	29°12	20°32	11°28	13°27	3°25	22°25	23°53	25°0	6°15	22°9	W 20
T 21	8 2 40	30°52'36	15°31	10°57	3°4	29°55	20°35	11°35	13°31	3°27	22°24	23°50	24°57	6°21	22°9	T 21
F 22	8 6 37	1°53'43	0°11	12°20	4°18	30°38	20°38	11°42	13°34	3°29	22°23	23°47	24°54	6°28	22°8	F 22
S 23	8 10 34	2°54'51	15°12	13°44	5°32	1°21	20°40	11°49	13°38	3°31	22°21	23°44	24°51	6°35	22°7	S 23
S 24	8 14 30	3°55'59	0°24	15°8	6°45	2°3	20°42	11°57	13°41	3°33	22°20	23°42	24°48	6°41	22°7	S 24
M 25	8 18 27	4°57'06	15°39	16°34	7°59	2°46	20°44	12°4	13°45	3°35	22°19	23°41	24°45	6°48	22°7	M 25
T 26	8 22 23	5°58'12	0°46	18°0	9°13	3°29	20°46	12°11	13°48	3°37	22°18	23°41	24°41	6°55	22°6	T 26
W 27	8 26 20	6°59'18	15°36	19°28	10°27	4°12	20°47	12°18	13°52	3°39	22°17	23°41	24°38	7°1	22°6	W 27
T 28	8 30 16	8°0'23	0°4	20°55	11°40	4°55	20°49	12°25	13°55	3°41	22°15	23°43	24°35	7°8	22°6	T 28
F 29	8 34 13	9°1'28	14°6	22°24	12°54	5°38	20°50	12°32	13°59	3°44	22°14	23°44	24°32	7°15	22°5	F 29
S 30	8 38 9	10°2'32	27°41	23°53	14°7	6°22	20°51	12°39	14°2	3°46	22°13	23°45	24°29	7°21	22°5	S 30
S 31	8 42 6	11°3'35	10°52	25°23	15°21	7°35	20°52	12°46	14°6	3°48	22°12	23°45	24°26	7°28	22°D 5	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22s56	1s10	3s21	20s13	2n51	19s46	1s43	22s43	0s7	6s19	1n14	18s20	0s29	17s37	0s37	F 1
S 2	22 51	3n16	4 10	20 18	2 46	19 27	1 44	22 48	0 8	6 21	1 15	18 18	0 29	17 36	0 37	S 2
S 3	22 46	7 26	4 45	20 25	2 41	19 7	1 44	22 52	0 8	6 23	1 15	18 16	0 30	17 35	0 37	S 3
M 4	22 40	11 10	5 5	20 33	2 34	18 47	1 45	22 57	0 9	6 25	1 15	18 15	0 30	17 34	0 37	M 4
T 5	22 33	14 20	5 10	20 42	2 27	18 26	1 45	23 1	0 10	6 27	1 15	18 13	0 30	17 33	0 37	T 5
W 6	22 27	16 48	5 0	20 52	2 20	18 5	1 45	23 5	0 10	6 28	1 16	18 11	0 30	17 32	0 37	W 6
T 7	22 19	18 28	4 36	21 2	2 12	17 43	1 45	23 9	0 11	6 30	1 16	18 10	0 30	17 32	0 37	T 7
F 8	22 12	19 18	4 1	21 12	2 4	17 21	1 45	23 13	0 12	6 32	1 16	18 8	0 30	17 31	0 37	F 8
S 9	22 3	19 15	3 15	21 23	1 55	16 58	1 45	23 17	0 12	6 33	1 16	18 6	0 30	17 30	0 37	S 9
S 10	21 55	18 20	2 20	21 33	1 47	16 35	1 45	23 20	0 13	6 35	1 17	18 4	0 30	17 29	0 37	S 10
M 11	21 46	16 38	1 20	21 42	1 38	16 12	1 45	23 23	0 14	6 36	1 17	18 2	0 30	17 28	0 37	M 11
T 12	21 36	14 14	0 16	21 52	1 29	15 47	1 45	23 26	0 14	6 38	1 17	18 1	0 30	17 27	0 37	T 12
W 13	21 27	11 14	0n48	22 1	1 20	15 23	1 45	23 28	0 15	6 39	1 17	17 59	0 30	17 26	0 37	W 13
T 14	21 16	7 46	1 51	22 9	1 11	14 58	1 44	23 31	0 16	6 40	1 18	17 57	0 30	17 25	0 37	T 14
F 15	21 6	3 58	2 50	22 16	1 3	14 33	1 44	23 33	0 16	6 41	1 18	17 55	0 30	17 24	0 37	F 15
S 16	20 55	0s 4	3 43	22 23	0 54	14 7	1 43	23 35	0 17	6 42	1 18	17 53	0 30	17 23	0 37	S 16
S 17	20 43	4 11	4 26	22 29	0 45	13 41	1 43	23 37	0 18	6 44	1 18	17 51	0 30	17 22	0 37	S 17
M 18	20 31	8 13	4 57	22 34	0 37	13 14	1 42	23 38	0 18	6 45	1 19	17 50	0 30	17 21	0 37	M 18
T 19	20 19	11 59	5 13	22 38	0 28	12 48	1 41	23 39	0 19	6 45	1 19	17 48	0 30	17 20	0 37	T 19
W 20	20 6	15 14	5 13	22 41	0 20	12 21	1 40	23 40	0 20	6 46	1 19	17 46	0 30	17 19	0 37	W 20
T 21	19 53	17 43	4 53	22 43	0 11	11 53	1 39	23 41	0 20	6 47	1 19	17 44	0 31	17 18	0 37	T 21
F 22	19 40	19 7	4 14	22 43	0 3	11 25	1 38	23 42	0 21	6 48	1 20	17 42	0 31	17 17	0 37	F 22
S 23	19 26	19 14	3 17	22 43	0s 4	10 57	1 37	23 42	0 22	6 48	1 20	17 40	0 31	17 16	0 37	S 23
S 24	19 12	17 57	2 5	22 42	0 12	10 29	1 36	23 42	0 22	6 49	1 20	17 38	0 31	17 15	0 37	S 24
M 25	18 57	15 23	0 44	22 39	0 20	10 0	1 35	23 42	0 23	6 49	1 20	17 36	0 31	17 14	0 37	M 25
T 26	18 43	11 46	0s39	22 36	0 27	9 32	1 33	23 42	0 24	6 50	1 21	17 34	0 31	17 13	0 37	T 26
W 27	18 27	7 29	1 59	22 31	0 34	9 2	1 32	23 41	0 24	6 50	1 21	17 32	0 31	17 12	0 37	W 27
T 28	18 12	2 51	3 8	22 25	0 41	8 33	1 30	23 41	0 25	6 51	1 21	17 31	0 31	17 11	0 37	T 28
F 29	17 56	1n47	4 5	22 17	0 48	8 4	1 29	23 40	0 26	6 51	1 21	17 29	0 31	17 10	0 37	F 29
S 30	17 40	6 10	4 45	22 9	0 54	7 34	1 27	23 38	0 26	6 51	1 22	17 27	0 31	17 9	0 37	S 30
S 31	17s23	10n 7	5s 9	21s59	1s 1	7s 4	1s25	23s37	0s27	6s51	1n22	17s25	0s31	17s 8	0s37	S 31

Julian Day Number = 2695892.5, Delta T = 24m57s

Ecliptic obliquity = 23°21'01, Nutation = - 0°00'09

Ayanamsha: Fagan/Bradley = 34°05'56, Lahiri = 33°12'56

## ASTRODIENST EPHEMERIS for the year 2669

FEBRUARY 2669

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	8 46 3	12°43'37	23°40'	26°53'	16°34'	7°48'	20°53'	12°54'	14°59'	3°50'	22°R11	23°R45	24°R22	7°R35	22°R 5	M 1
T 2	8 49 59	13° 5'38	6°II 9	28°24'	17°47'	8°31'	20°53'	13° 1'	14°13'	3°52'	22°R10	23°R44	24°R19	7°41'	22° 5	T 2
W 3	8 53 56	14° 6'38	18°24'	29°56'	19° 1'	9°14'	20°53'	13° 8'	14°16'	3°54'	22° 8'	23°43'	24°16'	7°48'	22° 6	W 3
T 4	8 57 52	15° 7'37	0°E27	1°28'	20°14'	9°58'	20°R54	13°15'	14°20'	3°56'	22° 7'	23°41'	24°13'	7°55'	22° 6	T 4
F 5	9 1 49	16° 8'36	12°22'	3° 1'	21°27'	10°41'	20°53'	13°22'	14°23'	3°59'	22° 6'	23°40'	24°10'	8° 1'	22° 6	F 5
S 6	9 5 45	17° 9'33	24°13'	4°34'	22°40'	11°24'	20°53'	13°29'	14°27'	4° 1'	22° 5'	23°39'	24° 6'	8° 8'	22° 6	S 6
S 7	9 9 42	18°10'30	6°R 1	6° 9'	23°53'	12° 8'	20°53'	13°36'	14°30'	4° 3'	22° 4'	23°39'	24° 3'	8°15'	22° 7	S 7
M 8	9 13 38	19°11'25	17°49'	7°43'	25° 6'	12°51'	20°52'	13°43'	14°34'	4° 5'	22° 3'	23°38'	24° 0'	8°21'	22° 7	M 8
T 9	9 17 35	20°12'20	29°40'	9°19'	26°19'	13°35'	20°51'	13°51'	14°37'	4° 7'	22° 2'	23°D38	23°57'	8°28'	22° 8	T 9
W10	9 21 32	21°13'14	11°R34	10°55'	27°32'	14°18'	20°50'	13°58'	14°41'	4°10'	22° 1'	23°39'	23°54'	8°34'	22° 8	W10
T 11	9 25 28	22°14'07	23°35'	12°32'	28°44'	15° 2'	20°49'	14° 5'	14°44'	4°12'	22° 0'	23°39'	23°51'	8°41'	22° 9	T 11
F 12	9 29 25	23°14'59	5°E45	14° 9'	29°57'	15°45'	20°47'	14°12'	14°48'	4°14'	21°58'	23°R39	23°47'	8°48'	22°10	F 12
S 13	9 33 21	24°15'50	18° 6'	15°47'	1°R 9	16°29'	20°46'	14°19'	14°51'	4°16'	21°57'	23°39'	23°44'	8°54'	22°10	S 13
S 14	9 37 18	25°16'40	0°R42	17°26'	2°22'	17°13'	20°44'	14°26'	14°55'	4°19'	21°56'	23°39'	23°41'	9° 1'	22°11	S 14
M15	9 41 14	26°17'30	13°34'	19° 6'	3°34'	17°56'	20°42'	14°33'	14°58'	4°21'	21°55'	23°39'	23°38'	9° 8'	22°12	M15
T 16	9 45 11	27°18'19	26°47'	20°46'	4°47'	18°40'	20°40'	14°40'	15° 2'	4°23'	21°54'	23°D39	23°35'	9°14'	22°13	T 16
W17	9 49 7	28°19'07	10°R23	22°27'	5°59'	19°24'	20°38'	14°47'	15° 5'	4°25'	21°53'	23°39'	23°32'	9°21'	22°14	W17
T 18	9 53 4	29°19'54	24°22'	24° 9'	7°11'	20° 8'	20°35'	14°54'	15° 9'	4°28'	21°52'	23°39'	23°28'	9°28'	22°15	T 18
F 19	9 57 1	0°R20'41	8°R44	25°52'	8°23'	20°51'	20°32'	15° 1'	15°12'	4°30'	21°52'	23°40'	23°25'	9°34'	22°16	F 19
S 20	10 0 57	1°21'26	23°27'	27°36'	9°35'	21°35'	20°29'	15° 8'	15°16'	4°32'	21°51'	23°40'	23°22'	9°41'	22°17	S 20
S 21	10 4 54	2°22'11	8°R26	29°20'	10°47'	22°19'	20°26'	15°15'	15°19'	4°35'	21°50'	23°41'	23°19'	9°48'	22°18	S 21
M22	10 8 50	3°22'54	23°32'	1°R 5	11°59'	23° 3'	20°23'	15°22'	15°22'	4°37'	21°49'	23°R41	23°16'	9°54'	22°20	M22
T 23	10 12 47	4°23'36	8°R38	2°51'	13°11'	23°47'	20°19'	15°29'	15°26'	4°39'	21°48'	23°41'	23°12'	10° 1'	22°21	T 23
W24	10 16 43	5°24'16	23°34'	4°38'	14°23'	24°31'	20°16'	15°36'	15°29'	4°41'	21°47'	23°40'	23° 9'	10° 8'	22°22	W24
T 25	10 20 40	6°24'55	8°R12	6°26'	15°34'	25°15'	20°12'	15°42'	15°32'	4°44'	21°46'	23°38'	23° 6'	10°14'	22°24	T 25
F 26	10 24 36	7°25'33	22°25'	8°14'	16°46'	25°59'	20° 8'	15°49'	15°36'	4°46'	21°45'	23°37'	23° 3'	10°21'	22°25	F 26
S 27	10 28 33	8°26'08	6°R12	10° 3'	17°57'	26°43'	20° 4'	15°56'	15°39'	4°48'	21°45'	23°35'	23° 0'	10°27'	22°27	S 27
S 28	10 32 29	9°R26'43	19°R32	11°R53	19°R 8	27°R27	20°R 0	16°R 3	15°R42	4°R51	21°R44	23°R33	22°R57	10°R34	22°R29	S 28

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	17s 7	13n30	5s17	21s48	1s 7	6s34	1s23	23s35	0s28	6s51	1n22	17s23	0s31	17s 7	0s37	10s29	0s26
T 2	16 49	16 10	5 10	21 35	1 13	6 3	1 21	23 33	0 29	6 51	1 22	17 21	0 31	17 6	0 37	10 28	0 26
W 3	16 32	18 3	4 48	21 22	1 18	5 33	1 19	23 31	0 29	6 51	1 23	17 19	0 31	17 5	0 37	10 27	0 26
T 4	16 14	19 6	4 15	21 7	1 23	5 2	1 17	23 29	0 30	6 51	1 23	17 17	0 31	17 4	0 37	10 26	0 26
F 5	15 56	19 18	3 30	20 51	1 29	4 32	1 15	23 26	0 31	6 50	1 23	17 15	0 31	17 3	0 37	10 25	0 26
S 6	15 38	18 37	2 36	20 33	1 33	4 1	1 13	23 23	0 31	6 50	1 23	17 13	0 32	17 2	0 37	10 25	0 26
S 7	15 20	17 8	1 36	20 15	1 38	3 30	1 10	23 20	0 32	6 50	1 24	17 11	0 32	17 1	0 37	10 24	0 26
M 8	15 1	14 55	0 32	19 55	1 42	2 59	1 8	23 17	0 33	6 49	1 24	17 9	0 32	17 0	0 37	10 23	0 26
T 9	14 42	12 4	0n33	19 34	1 46	2 28	1 6	23 13	0 33	6 49	1 24	17 7	0 32	16 59	0 37	10 22	0 26
W10	14 22	8 43	1 38	19 11	1 49	1 57	1 3	23 9	0 34	6 48	1 24	17 5	0 32	16 58	0 37	10 21	0 26
T 11	14 3	4 58	2 39	18 47	1 53	1 25	1 0	23 5	0 35	6 47	1 25	17 3	0 32	16 57	0 37	10 21	0 26
F 12	13 43	1 0	3 34	18 22	1 56	0 54	0 58	23 1	0 36	6 46	1 25	17 1	0 32	16 56	0 37	10 20	0 26
S 13	13 23	3s 5	4 19	17 56	1 58	0 23	0 55	22 56	0 36	6 46	1 25	16 59	0 32	16 55	0 37	10 19	0 26
S 14	13 3	7 5	4 53	17 28	2 1	0n 8	0 52	22 52	0 37	6 45	1 25	16 57	0 32	16 54	0 37	10 18	0 26
M15	12 42	10 52	5 13	16 59	2 2	0 40	0 49	22 47	0 38	6 44	1 26	16 55	0 32	16 53	0 37	10 17	0 26
T 16	12 22	14 13	5 18	16 29	2 4	1 11	0 46	22 41	0 38	6 43	1 26	16 53	0 32	16 52	0 37	10 17	0 26
W17	12 1	16 54	5 5	15 57	2 5	1 42	0 43	22 36	0 39	6 42	1 26	16 51	0 32	16 51	0 37	10 16	0 26
T 18	11 40	18 40	4 34	15 24	2 6	2 14	0 40	22 30	0 40	6 40	1 26	16 49	0 32	16 50	0 37	10 15	0 26
F 19	11 19	19 19	3 45	14 50	2 6	2 45	0 37	22 24	0 41	6 39	1 27	16 47	0 33	16 49	0 37	10 14	0 26
S 20	10 57	18 41	2 40	14 15	2 6	3 16	0 34	22 18	0 41	6 38	1 27	16 45	0 33	16 48	0 37	10 13	0 26
S 21	10 36	16 44	1 24	13 38	2 6	3 47	0 30	22 12	0 42	6 37	1 27	16 43	0 33	16 47	0 37	10 12	0 26
M22	10 14	13 37	0 1	13 0	2 5	4 18	0 27	22 5	0 43	6 35	1 27	16 42	0 33	16 46	0 37	10 12	0 26
T 23	9 52	9 34	1s22	12 21	2 4	4 49	0 24	21 59	0 43	6 34	1 28	16 40	0 33	16 45	0 38	10 11	0 27
W24	9 30	4 58	2 38	11 40	2 2	5 20	0 20	21 52	0 44	6 32	1 28	16 38	0 33	16 44	0 38	10 10	0 27
T 25	9 7	0 11	3 43	10 58	2 0	5 51	0 17	21 45	0 45	6 30	1 28	16 36	0 33	16 43	0 38	10 9	0 27
F 26	8 45	4n30	4 31	10 15	1 57	6 22	0 13	21 37	0 46	6 29	1 28	16 34	0 33	16 42	0 38	10 8	0 27
S 27	8 23	8 46	5 3	9 31	1 53	6 52	0 9	21 30	0 46	6 27	1 28	16 32	0 33	16 41	0 38	10 8	0 27
S 28	8s 0	12n28	5s16	8s46	1s50	7n23	0s 6	21s22	0s47	6s25	1n29	16s30	0s33	16s40	0s38	10s 7	0s27

Julian Day Number = 2695923.5, Delta T = 24m57s

Ecliptic obliquity = 23°21'01, Nutation = - 0°00'09

Ayanamsha: Fagan/Bradley = 34°06'00, Lahiri = 33°13'00

## ASTRODIENST EPHEMERIS for the year 2669

MARCH 2669

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	10 36 26	10 <sup>h</sup> 27'15"	2 <sup>h</sup> 11'26"	13 <sup>h</sup> 44'	20 <sup>h</sup> 19'	28 <sup>h</sup> 11'	19°R55	16 <sup>h</sup> 10'	15 <sup>h</sup> 46'	4 <sup>h</sup> 53'	21°R43	23°R32	22 <sup>h</sup> 53'	10 <sup>h</sup> 41'	22 <sup>h</sup> 30'	M 1
T 2	10 40 23	11°27'46"	14°58'	15°35'	21°30'	28°56'	19 <sup>h</sup> 50'	16°16'	15°49'	4°55'	21°42'	23°D32	22°50'	10°47'	22°32'	T 2
W 3	10 44 19	12°28'15"	17°27'	17°27'	22°41'	29°40'	19°46'	16°23'	15°52'	4°57'	21°41'	23°D33	22°47'	10°54'	22°34'	W 3
T 4	10 48 16	13°28'42"	19°11'	19°19'	23°52'	0 <sup>h</sup> 24'	19°41'	16°30'	15°55'	5° 0'	21°41'	23°34'	22°44'	11° 1'	22°36'	T 4
F 5	10 52 12	14°29'07"	21° 3'	21°12'	25° 3'	1° 8'	19°36'	16°36'	15°59'	5° 2'	21°40'	23°36'	22°41'	11° 7'	22°38'	F 5
S 6	10 56 9	15°29'30"	22°50'	23° 5'	26°13'	1°53'	19°30'	16°43'	16° 2'	5° 4'	21°39'	23°37'	22°37'	11°14'	22°39'	S 6
S 7	11 0 5	16°29'52"	14°37'	24°58'	27°24'	2°37'	19°25'	16°49'	16° 5'	5° 6'	21°39'	23°39'	22°34'	11°21'	22°41'	S 7
M 8	11 4 2	17°30'12"	26°28'	26°51'	28°34'	3°21'	19°19'	16°56'	16° 8'	5° 9'	21°38'	23°R39	22°31'	11°27'	22°44'	M 8
T 9	11 7 58	18°30'30"	8 <sup>h</sup> 24'	28°43'	29°44'	4° 6'	19°14'	17° 2'	16°11'	5°11'	21°37'	23°38'	22°28'	11°34'	22°46'	T 9
W10	11 11 55	19°30'47"	20°28'	0 <sup>h</sup> 35'	0 <sup>h</sup> 54'	4°50'	19° 8'	17° 9'	16°14'	5°13'	21°37'	23°36'	22°25'	11°41'	22°48'	W10
T 11	11 15 52	20°31'01"	2 <sup>h</sup> 42'	2°26'	2° 4'	5°34'	19° 2'	17°15'	16°17'	5°15'	21°36'	23°32'	22°22'	11°47'	22°50'	T 11
F 12	11 19 48	21°31'14"	15° 7'	4°16'	3°14'	6°19'	18°56'	17°21'	16°20'	5°18'	21°36'	23°28'	22°18'	11°54'	22°52'	F 12
S 13	11 23 45	22°31'26"	27°44'	6° 4'	4°23'	7° 3'	18°50'	17°28'	16°24'	5°20'	21°35'	23°23'	22°15'	12° 1'	22°54'	S 13
S 14	11 27 41	23°31'35"	10 <sup>h</sup> 34'	7°50'	5°33'	7°48'	18°43'	17°34'	16°27'	5°22'	21°35'	23°18'	22°12'	12° 7'	22°57'	S 14
M15	11 31 38	24°31'44"	23°37'	9°33'	6°42'	8°32'	18°37'	17°40'	16°29'	5°24'	21°34'	23°14'	22° 9'	12°14'	22°59'	M15
T 16	11 35 34	25°31'51"	6 <sup>h</sup> 55'	11°14'	7°51'	9°17'	18°30'	17°46'	16°32'	5°26'	21°34'	23°11'	22° 6'	12°20'	23° 2'	T 16
W17	11 39 31	26°31'56"	20°29'	12°50'	9° 0'	10° 2'	18°24'	17°52'	16°35'	5°28'	21°33'	23°D 9	22° 3'	12°27'	23° 4'	W17
T 18	11 43 27	27°32'00"	4 <sup>h</sup> 19'	14°23'	10° 9'	10°46'	18°17'	17°58'	16°38'	5°31'	21°33'	23° 9	21°59'	12°34'	23° 7'	T 18
F 19	11 47 24	28°32'02"	18°25'	15°51'	11°18'	11°31'	18°10'	18° 4'	16°41'	5°33'	21°32'	23°10'	21°56'	12°40'	23° 9'	F 19
S 20	11 51 21	29°32'03"	2 <sup>h</sup> 47'	17°14'	12°26'	12°16'	18° 3'	18°10'	16°44'	5°35'	21°32'	23°12'	21°53'	12°47'	23°12'	S 20
S 21	11 55 17	0 <sup>h</sup> 32'02"	17°22'	18°31'	13°35'	13° 0'	17°56'	18°16'	16°47'	5°37'	21°32'	23°R13	21°50'	12°54'	23°15'	S 21
M22	11 59 14	1°32'00"	2 <sup>h</sup> 6'	19°42'	14°43'	13°45'	17°49'	18°22'	16°49'	5°39'	21°31'	23°13'	21°47'	13° 0'	23°17'	M22
T 23	12 3 10	2°31'55"	16°53'	20°46'	15°51'	14°30'	17°42'	18°28'	16°52'	5°41'	21°31'	23°11'	21°43'	13° 7'	23°20'	T 23
W24	12 7 7	3°31'49"	1 <sup>h</sup> 35'	21°43'	16°58'	15°15'	17°34'	18°34'	16°55'	5°43'	21°31'	23° 7	21°40'	13°14'	23°23'	W24
T 25	12 11 3	4°31'41"	16° 6'	22°32'	18° 6'	15°59'	17°27'	18°39'	16°57'	5°45'	21°31'	23° 1	21°37'	13°20'	23°26'	T 25
F 26	12 15 0	5°31'31"	0 <sup>h</sup> 19'	23°14'	19°14'	16°44'	17°20'	18°45'	17° 0'	5°47'	21°30'	22°54'	21°34'	13°27'	23°28'	F 26
S 27	12 18 56	6°31'19"	14° 9'	23°47'	20°21'	17°29'	17°12'	18°51'	17° 3'	5°49'	21°30'	22°47'	21°31'	13°34'	23°31'	S 27
S 28	12 22 53	7°31'05"	27°34'	24°12'	21°28'	18°14'	17° 5'	18°56'	17° 5'	5°51'	21°30'	22°40'	21°28'	13°40'	23°34'	S 28
M29	12 26 49	8°30'49"	10 <sup>h</sup> 33'	24°29'	22°35'	18°59'	16°57'	19° 2'	17° 8'	5°53'	21°30'	22°35'	21°24'	13°47'	23°37'	M29
T 30	12 30 46	9°30'31"	23° 8'	24°38'	23°41'	19°44'	16°50'	19° 7'	17°10'	5°55'	21°30'	22°31'	21°21'	13°54'	23°40'	T 30
W31	12 34 43	10°30'10"	5 <sup>h</sup> 25'	24°R38	24°48'	20°29'	16°42'	19°12'	17°13'	5°57'	21°30'	22°D30	21°18'	14° 0'	23°43'	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	7s37	15n27	5s13	8s 0	1s45	7n53	0s 2	21s14	0s48	6s23	1n29	16s28	0s33	16s39	0s38	10s 6
T 2	7 14	17 37	4 55	7 12	1 40	8 23	0n 2	21 5	0 49	6 21	1 29	16 26	0 34	16 38	0 38	10 5
W 3	6 51	18 55	4 24	6 24	1 35	8 53	0 5	20 57	0 49	6 19	1 29	16 24	0 34	16 37	0 38	10 4
T 4	6 28	19 21	3 42	5 34	1 29	9 22	0 9	20 48	0 50	6 17	1 29	16 22	0 34	16 36	0 38	10 3
F 5	6 5	18 54	2 51	4 44	1 22	9 52	0 13	20 39	0 51	6 15	1 30	16 20	0 34	16 35	0 38	10 3
S 6	5 42	17 38	1 53	3 53	1 14	10 21	0 17	20 30	0 51	6 13	1 30	16 18	0 34	16 34	0 38	10 2
S 7	5 19	15 36	0 50	3 1	1 6	10 50	0 21	20 21	0 52	6 11	1 30	16 17	0 34	16 33	0 38	10 1
M 8	4 55	12 54	0n16	2 8	0 58	11 19	0 25	20 11	0 53	6 9	1 30	16 15	0 34	16 33	0 38	10 0
T 9	4 32	9 38	1 20	1 15	0 49	11 48	0 29	20 2	0 54	6 6	1 30	16 13	0 34	16 32	0 38	9 59
W10	4 8	5 57	2 22	0 22	0 39	12 16	0 33	19 52	0 54	6 4	1 31	16 11	0 34	16 31	0 38	9 59
T 11	3 45	1 58	3 18	0n32	0 29	12 44	0 37	19 42	0 55	6 2	1 31	16 9	0 34	16 30	0 38	9 58
F 12	3 21	2s 9	4 6	1 25	0 18	13 12	0 41	19 31	0 56	5 59	1 31	16 7	0 34	16 29	0 38	9 57
S 13	2 57	6 14	4 42	2 18	0 6	13 39	0 46	19 21	0 56	5 57	1 31	16 6	0 35	16 28	0 38	9 56
S 14	2 34	10 6	5 5	3 11	0n 6	14 6	0 50	19 10	0 57	5 54	1 31	16 4	0 35	16 27	0 38	9 55
M15	2 10	13 33	5 13	4 3	0 18	14 33	0 54	18 59	0 58	5 52	1 31	16 2	0 35	16 26	0 38	9 55
T 16	1 46	16 23	5 4	4 54	0 31	15 0	0 58	18 48	0 59	5 49	1 31	16 0	0 35	16 25	0 38	9 54
W17	1 22	18 23	4 38	5 43	0 44	15 26	1 2	18 37	0 59	5 46	1 32	15 58	0 35	16 25	0 38	9 53
T 18	0 59	19 21	3 56	6 32	0 57	15 52	1 7	18 26	1 0	5 44	1 32	15 57	0 35	16 24	0 38	9 52
F 19	0 35	19 8	2 59	7 18	1 10	16 17	1 11	18 14	1 1	5 41	1 32	15 55	0 35	16 23	0 38	9 52
S 20	0 11	17 41	1 49	8 2	1 24	16 42	1 15	18 2	1 1	5 38	1 32	15 53	0 35	16 22	0 38	9 51
S 21	0n13	15 4	0 32	8 44	1 37	17 7	1 19	17 51	1 2	5 35	1 32	15 51	0 35	16 21	0 38	9 50
M22	0 36	11 26	0s48	9 23	1 50	17 31	1 24	17 38	1 3	5 33	1 32	15 50	0 36	16 20	0 38	9 49
T 23	1 0	7 5	2 5	9 59	2 3	17 55	1 28	17 26	1 4	5 30	1 32	15 48	0 36	16 20	0 38	9 49
W24	1 24	2 20	3 13	10 31	2 15	18 19	1 32	17 14	1 4	5 27	1 32	15 46	0 36	16 19	0 38	9 48
T 25	1 48	2n30	4 8	11 1	2 27	18 42	1 36	17 1	1 5	5 24	1 32	15 45	0 36	16 18	0 38	9 47
F 26	2 11	7 4	4 46	11 26	2 38	19 5	1 41	16 48	1 6	5 21	1 33	15 43	0 36	16 17	0 38	9 46
S 27	2 35	11 9	5 6	11 48	2 48	19 27	1 45	16 35	1 6	5 18	1 33	15 42	0 36	16 17	0 38	9 46
S 28	2 58	14 32	5 8	12 6	2 57	19 49	1 49	16 22	1 7	5 15	1 33	15 40	0 36	16 16	0 38	9 45
M29	3 22	17 5	4 54	12 20	3 5	20 10	1 53	16 9	1 8	5 12	1 33	15 38	0 36	16 15	0 38	9 44
T 30	3 45	18 44	4 27	12 29	3 12	20 31	1 57	15 56	1 9	5 9	1 33	15 37	0 36	16 14	0 38	9 43
W31	4n 9	19n27	3s47	12n34	3n18	20n52	2n 1	15s42	1s 9	5s 7	1n33	15s35	0s37	16s14	0s38	9s43

Julian Day Number = 2695951.5, Delta T = 24m57s

Ecliptic obliquity = 23°21'02", Nutation = - 0°00'10"

Ayanamsha: Fagan/Bradley = 34°06'04", Lahiri = 33°13'04"

## ASTRODIENST EPHEMERIS for the year 2669

APRIL 2669

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 38 39	11°29'47	17°26'26	24°R31	25°R54	21°R14	16°R34	19°R18	17°R15	5°R59	21°R29	22°R30	21°R15	14°R7	23°R46	T 1
F 2	12 42 36	12°29'22	29°18	24°Y16	27°0	21°59	16°A26	19°23	17°17	6°1	21°29	22°31	21°12	14°13	23°50	F 2
S 3	12 46 32	13°28'54	11°R5	23°53	28°5	22°43	16°19	19°28	17°20	6°3	21°29	22°32	21°8	14°20	23°53	S 3
S 4	12 50 29	14°28'25	22°53	23°24	29°11	23°28	16°11	19°33	17°22	6°5	21°D29	22°R33	21°5	14°27	23°56	S 4
M 5	12 54 25	15°27'53	4°R46	22°49	0°R16	24°13	16°3	19°38	17°24	6°7	21°29	22°32	21°2	14°33	23°59	M 5
T 6	12 58 22	16°27'19	16°49	22°9	1°21	24°58	15°56	19°43	17°27	6°9	21°29	22°29	20°59	14°40	24°2	T 6
W 7	13 2 18	17°26'43	29°3	21°25	2°26	25°44	15°48	19°48	17°29	6°11	21°29	22°24	20°56	14°47	24°6	W 7
T 8	13 6 15	18°26'04	11°A32	20°38	3°30	26°29	15°40	19°53	17°31	6°12	21°29	22°16	20°53	14°53	24°9	T 8
F 9	13 10 12	19°25'24	24°16	19°49	4°34	27°14	15°32	19°57	17°33	6°14	21°30	22°6	20°49	15°0	24°12	F 9
S 10	13 14 8	20°24'42	7°R14	18°58	5°38	27°59	15°25	20°2	17°35	6°16	21°30	21°56	20°46	15°7	24°16	S 10
S 11	13 18 5	21°23'57	20°26	18°7	6°41	28°44	15°17	20°7	17°37	6°18	21°30	21°46	20°43	15°13	24°19	S 11
M12	13 22 1	22°23'11	3°R50	17°18	7°45	29°29	15°9	20°11	17°39	6°19	21°30	21°37	20°40	15°20	24°23	M12
T 13	13 25 58	23°22'23	17°25	16°30	8°47	0°R14	15°2	20°16	17°41	6°21	21°30	21°29	20°37	15°27	24°26	T 13
W14	13 29 54	24°21'34	1°R9	15°45	9°50	0°59	14°54	20°20	17°43	6°23	21°30	21°25	20°34	15°33	24°30	W14
T 15	13 33 51	25°20'43	15°2	15°3	10°52	1°44	14°47	20°24	17°45	6°25	21°31	21°22	20°30	15°40	24°33	T 15
F 16	13 37 47	26°19'50	29°3	14°25	11°54	2°30	14°39	20°29	17°46	6°26	21°31	21°D22	20°27	15°46	24°37	F 16
S 17	13 41 44	27°18'55	13°R12	13°52	12°56	3°15	14°32	20°33	17°48	6°28	21°31	21°22	20°24	15°53	24°40	S 17
S 18	13 45 41	28°17'59	27°26	13°23	13°57	4°0	14°24	20°37	17°50	6°29	21°32	21°R22	20°21	16°0	24°44	S 18
M19	13 49 37	29°17'00	11°R45	13°0	14°58	4°45	14°17	20°41	17°52	6°31	21°32	21°21	20°18	16°6	24°48	M19
T 20	13 53 34	0°R16'00	26°6	12°42	15°58	5°30	14°10	20°45	17°53	6°32	21°32	21°17	20°14	16°13	24°51	T 20
W21	13 57 30	1°14'58	10°Y24	12°29	16°58	6°16	14°2	20°49	17°55	6°34	21°33	21°10	20°11	16°20	24°55	W21
T 22	14 1 27	2°13'55	24°34	12°22	17°58	7°1	13°55	20°52	17°56	6°35	21°33	21°1	20°8	16°26	24°59	T 22
F 23	14 5 23	3°12'49	8°R31	12°D20	18°57	7°46	13°48	20°56	17°58	6°37	21°33	20°50	20°5	16°33	25°2	F 23
S 24	14 9 20	4°11'42	22°10	12°23	19°56	8°31	13°41	21°0	17°59	6°38	21°34	20°38	20°2	16°40	25°6	S 24
S 25	14 13 16	5°10'32	5°R28	12°32	20°54	9°17	13°35	21°3	18°1	6°40	21°34	20°26	19°59	16°46	25°10	S 25
M26	14 17 13	6°9'20	18°25	12°46	21°52	10°2	13°28	21°7	18°2	6°41	21°35	20°17	19°55	16°53	25°13	M26
T 27	14 21 10	7°8'07	1°R1	13°4	22°50	10°47	13°21	21°10	18°3	6°43	21°35	20°9	19°52	17°0	25°17	T 27
W28	14 25 6	8°6'51	13°17	13°27	23°46	11°32	13°15	21°13	18°4	6°44	21°36	20°5	19°49	17°6	25°21	W28
T 29	14 29 3	9°5'33	25°20	13°54	24°43	12°18	13°8	21°16	18°6	6°45	21°37	20°2	19°46	17°13	25°25	T 29
F 30	14 32 59	10°R4'12	7°R12	14°Y26	25°R39	13°R3	13°A2	21°R19	18°R7	6°R46	21°R37	20°D2	19°R43	17°R19	25°R29	F 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	4n32	19n16	2s58	12n35	3n21	21n12	2n6	15s29	1s10	5s4	1n33	15s34	0s37	16s13	0s38	9s42
F 2	4 55	18 14	2 2	12 32	3 24	21 31	2 10	15 15	1 11	5 1	1 33	15 32	0 37	16 12	0 38	9 41
S 3	5 18	16 24	1 2	12 24	3 24	21 50	2 14	15 1	1 11	4 58	1 33	15 31	0 37	16 12	0 38	9 41
S 4	5 41	13 52	0n2	12 12	3 23	22 9	2 18	14 47	1 12	4 55	1 33	15 29	0 37	16 11	0 38	9 40
M 5	6 4	10 44	1 5	11 56	3 20	22 26	2 22	14 32	1 13	4 52	1 33	15 28	0 37	16 10	0 38	9 39
T 6	6 27	7 8	2 7	11 37	3 15	22 44	2 26	14 18	1 13	4 49	1 33	15 26	0 37	16 10	0 39	9 39
W 7	6 49	3 11	3 3	11 15	3 9	23 1	2 30	14 4	1 14	4 46	1 33	15 25	0 37	16 9	0 39	9 38
T 8	7 12	0s59	3 52	10 49	3 1	23 17	2 34	13 49	1 15	4 43	1 33	15 23	0 37	16 8	0 39	9 37
F 9	7 34	5 11	4 30	10 21	2 51	23 33	2 37	13 34	1 15	4 40	1 33	15 22	0 38	16 8	0 39	9 37
S 10	7 57	9 13	4 55	9 52	2 40	23 48	2 41	13 19	1 16	4 37	1 33	15 21	0 38	16 7	0 39	9 36
S 11	8 19	12 54	5 4	9 21	2 27	24 3	2 45	13 4	1 17	4 34	1 33	15 19	0 38	16 7	0 39	9 35
M12	8 41	15 58	4 58	8 49	2 13	24 18	2 49	12 49	1 17	4 31	1 33	15 18	0 38	16 6	0 39	9 35
T 13	9 3	18 12	4 34	8 17	1 59	24 31	2 52	12 34	1 18	4 28	1 33	15 17	0 38	16 5	0 39	9 34
W14	9 25	19 26	3 55	7 46	1 43	24 44	2 56	12 18	1 19	4 25	1 33	15 16	0 38	16 5	0 39	9 34
T 15	9 46	19 30	3 1	7 15	1 27	24 57	2 59	12 3	1 19	4 22	1 33	15 14	0 38	16 4	0 39	9 33
F 16	10 8	18 23	1 56	6 45	1 11	25 9	3 3	11 47	1 20	4 20	1 33	15 13	0 38	16 4	0 39	9 32
S 17	10 29	16 6	0 44	6 17	0 55	25 20	3 6	11 32	1 21	4 17	1 33	15 12	0 39	16 3	0 39	9 32
S 18	10 50	12 49	0s32	5 51	0 38	25 31	3 9	11 16	1 21	4 14	1 33	15 11	0 39	16 3	0 39	9 31
M19	11 11	8 46	1 46	5 27	0 22	25 41	3 12	11 0	1 22	4 11	1 33	15 10	0 39	16 2	0 39	9 31
T 20	11 31	4 12	2 54	5 6	0 6	25 51	3 15	10 44	1 22	4 9	1 32	15 8	0 39	16 2	0 39	9 30
W21	11 52	0n35	3 50	4 46	0s9	26 0	3 18	10 28	1 23	4 6	1 32	15 7	0 39	16 2	0 39	9 30
T 22	12 12	5 17	4 31	4 30	0 24	26 9	3 21	10 12	1 24	4 3	1 32	15 6	0 39	16 1	0 39	9 29
F 23	12 32	9 37	4 55	4 15	0 39	26 17	3 24	9 56	1 24	4 1	1 32	15 5	0 39	16 1	0 39	9 29
S 24	12 52	13 23	5 2	4 4	0 53	26 24	3 27	9 39	1 25	3 58	1 32	15 4	0 40	16 0	0 39	9 28
S 25	13 12	16 21	4 52	3 55	1 6	26 31	3 29	9 23	1 25	3 56	1 32	15 3	0 40	16 0	0 39	9 28
M26	13 31	18 25	4 27	3 49	1 19	26 38	3 32	9 6	1 26	3 53	1 32	15 2	0 40	16 0	0 39	9 27
T 27	13 51	19 32	3 49	3 45	1 30	26 43	3 34	8 50	1 27	3 51	1 32	15 1	0 40	15 59	0 39	9 27
W28	14 10	19 40	3 2	3 44	1 42	26 49	3 37	8 33	1 27	3 48	1 32	15 0	0 40	15 59	0 39	9 26
T 29	14 28	18 54	2 7	3 45	1 52	26 53	3 39	8 17	1 28	3 46	1 31	15 0	0 40	15 58	0 39	9 26
F 30	14n47	17n19	1s8	3n48	2s1	26n57	3n41	8s0	1s28	3s44	1n31	14s59	0s40	15s58	0s39	9s25

Julian Day Number = 2695982.5, Delta T = 24m58s

Ecliptic obliquity = 23°21'02, Nutation = - 0°00'11

Ayanamsha: Fagan/Bradley = 34°06'08, Lahiri = 33°13'08

## ASTRODIENST EPHEMERIS for the year 2669

MAY 2669

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 36 56	11♈ 2°50	19♏ 1	15♍ 2	26♊ 34	13♋ 48	12♌ 56	21♎ 22	18♏ 8	6♋ 48	21♏ 38	20♌ 2	19♏ 40	17♏ 26	25♏ 33	S 1
S 2	14 40 52	12° 1'25	0♏ 50	15° 41	27° 29	14° 33	12♌ 50	21° 25	18° 9	6° 49	21° 38	20♏ 1	19° 36	17° 33	25° 36	S 2
M 3	14 44 49	12° 59'58	12° 46	16° 25	28° 23	15° 19	12° 44	21° 28	18° 10	6° 50	21° 39	20° 0	19° 33	17° 39	25° 40	M 3
T 4	14 48 45	13° 58'29	24° 53	17° 12	29° 17	16° 4	12° 38	21° 31	18° 11	6° 51	21° 40	19° 56	19° 30	17° 46	25° 44	T 4
W 5	14 52 42	14° 56'58	7♌ 15	18° 2	0♏ 9	16° 49	12° 33	21° 33	18° 12	6° 52	21° 40	19° 49	19° 27	17° 53	25° 48	W 5
T 6	14 56 38	15° 55'25	19° 56	18° 55	1° 2	17° 34	12° 27	21° 36	18° 13	6° 53	21° 41	19° 40	19° 24	17° 59	25° 52	T 6
F 7	15 0 35	16° 53'50	2♏ 55	19° 52	1° 53	18° 20	12° 22	21° 38	18° 13	6° 55	21° 42	19° 28	19° 20	18° 6	25° 56	F 7
S 8	15 4 32	17° 52'13	16° 14	20° 52	2° 44	19° 5	12° 17	21° 41	18° 14	6° 56	21° 43	19° 16	19° 17	18° 13	26° 0	S 8
S 9	15 8 28	18° 50'34	29° 50	21° 54	3° 34	19° 50	12° 11	21° 43	18° 15	6° 57	21° 43	19° 4	19° 14	18° 19	26° 4	S 9
M10	15 12 25	19° 48'54	13♏ 39	22° 59	4° 24	20° 35	12° 7	21° 45	18° 16	6° 58	21° 44	18° 52	19° 11	18° 26	26° 7	M10
T 11	15 16 21	20° 47'12	27° 39	24° 7	5° 12	21° 20	12° 2	21° 47	18° 16	6° 58	21° 45	18° 43	19° 8	18° 33	26° 11	T 11
W12	15 20 18	21° 45'28	11♌ 45	25° 17	6° 0	22° 6	11° 57	21° 49	18° 17	6° 59	21° 46	18° 37	19° 5	18° 39	26° 15	W12
T 13	15 24 14	22° 43'43	25° 53	26° 30	6° 47	22° 51	11° 53	21° 51	18° 17	7° 0	21° 47	18° 34	19° 1	18° 46	26° 19	T 13
F 14	15 28 11	23° 41'57	10♏ 2	27° 46	7° 33	23° 36	11° 48	21° 53	18° 18	7° 1	21° 48	18° 33	18° 58	18° 52	26° 23	F 14
S 15	15 32 8	24° 40'09	24° 9	29° 3	8° 18	24° 21	11° 44	21° 55	18° 18	7° 2	21° 49	18° 33	18° 55	18° 59	26° 27	S 15
S 16	15 36 4	25° 38'19	8♋ 15	0♏ 23	9° 3	25° 6	11° 40	21° 56	18° 18	7° 3	21° 49	18° 32	18° 52	19° 6	26° 31	S 16
M17	15 40 1	26° 36'29	22° 17	1° 45	9° 46	25° 52	11° 36	21° 58	18° 19	7° 4	21° 50	18° 31	18° 49	19° 12	26° 35	M17
T 18	15 43 57	27° 34'36	6♏ 16	3° 10	10° 28	26° 37	11° 33	21° 59	18° 19	7° 4	21° 51	18° 26	18° 46	19° 19	26° 39	T 18
W19	15 47 54	28° 32'43	20° 8	4° 36	11° 9	27° 22	11° 29	22° 0	18° 19	7° 5	21° 52	18° 19	18° 42	19° 26	26° 43	W19
T 20	15 51 50	29° 30'48	3♏ 52	6° 5	11° 49	28° 7	11° 26	22° 2	18° 19	7° 6	21° 53	18° 10	18° 39	19° 32	26° 47	T 20
F 21	15 55 47	0♏ 28'51	17° 25	7° 35	12° 28	28° 52	11° 23	22° 3	18° 20	7° 6	21° 54	17° 58	18° 36	19° 39	26° 51	F 21
S 22	15 59 43	1° 26'53	0♏ 43	9° 8	13° 6	29° 37	11° 20	22° 4	18° 20	7° 7	21° 55	17° 46	18° 33	19° 46	26° 55	S 22
S 23	16 3 40	2° 24'54	13° 46	10° 43	13° 43	0♏ 22	11° 17	22° 5	18° 20	7° 7	21° 56	17° 34	18° 30	19° 52	26° 59	S 23
M24	16 7 36	3° 22'53	26° 31	12° 20	14° 18	1° 7	11° 14	22° 6	18° 20	7° 8	21° 57	17° 24	18° 26	19° 59	27° 3	M24
T 25	16 11 33	4° 20'50	8♏ 59	13° 59	14° 52	1° 52	11° 12	22° 6	18° 19	7° 8	21° 59	17° 16	18° 23	20° 6	27° 7	T 25
W26	16 15 30	5° 18'46	21° 12	15° 40	15° 25	2° 37	11° 10	22° 7	18° 19	7° 9	22° 0	17° 11	18° 20	20° 12	27° 11	W26
T 27	16 19 26	6° 16'40	3♏ 13	17° 24	15° 56	3° 22	11° 8	22° 7	18° 19	7° 9	22° 1	17° 8	18° 17	20° 19	27° 14	T 27
F 28	16 23 23	7° 14'32	15° 4	19° 9	16° 26	4° 7	11° 6	22° 8	18° 19	7° 10	22° 2	17° 0	18° 14	20° 26	27° 18	F 28
S 29	16 27 19	8° 12'23	26° 53	20° 56	16° 54	4° 52	11° 4	22° 8	18° 19	7° 10	22° 3	17° 7	18° 11	20° 32	27° 22	S 29
S 30	16 31 16	9° 10'12	8♏ 42	22° 45	17° 21	5° 37	11° 2	22° 8	18° 18	7° 10	22° 4	17° 0	18° 7	20° 39	27° 26	S 30
M31	16 35 12	10♏ 7'59	20♏ 39	24♏ 37	17° 54	6♏ 22	11° 1	22° 9	18° 18	7° 11	22° 5	17° 0	18° 0	20° 45	27° 30	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	15n 5	14n59	0s 5	3n54	2s10	27n 1	3n43	7s43	1s29	3s41	1n31	14s58	0s41	15s58	0s39	9s25
S 2	15 23 12	2	0n57	4 1	2 18	27 4	3 44	7 26	1 30	3 39	1 31	14 57	0 41	15 58	0 39	9 24
M 3	15 41 8	3 33	1 57	4 11	2 26	27 6	3 46	7 9	1 30	3 37	1 31	14 56	0 41	15 57	0 39	9 24
T 4	15 58 4	4 41	2 53	4 23	2 33	27 8	3 48	6 52	1 31	3 35	1 31	14 56	0 41	15 57	0 40	9 24
W 5	16 16 0	3 32	3 42	4 36	2 38	27 10	3 49	6 35	1 31	3 33	1 31	14 55	0 41	15 57	0 40	9 23
T 6	16 33 3	3s43	4 22	4 51	2 44	27 11	3 50	6 18	1 32	3 31	1 30	14 54	0 41	15 57	0 40	9 23
F 7	16 49 7	5 55	4 48	5 8	2 48	27 11	3 51	6 1	1 32	3 29	1 30	14 54	0 41	15 56	0 40	9 22
S 8	17 6 11	5 50	5 0	5 27	2 52	27 11	3 52	5 44	1 33	3 27	1 30	14 53	0 42	15 56	0 40	9 22
S 9	17 22 15	14 4	5 55	5 47	2 55	27 11	3 53	5 27	1 33	3 25	1 30	14 52	0 42	15 56	0 40	9 22
M10	17 38 17	50 4	6 33	6 9	2 58	27 10	3 53	5 9	1 34	3 24	1 30	14 52	0 42	15 56	0 40	9 21
T 11	17 53 19	25 3	5 55	6 32	3 0	27 8	3 53	4 52	1 34	3 22	1 29	14 51	0 42	15 56	0 40	9 21
W12	18 8 19	49 3	1 6	5 56	3 1	27 6	3 54	4 35	1 35	3 20	1 29	14 51	0 42	15 56	0 40	9 21
T 13	18 23 18	59 1	5 7	7 22	3 2	27 4	3 54	4 17	1 35	3 19	1 29	14 50	0 42	15 55	0 40	9 20
F 14	18 38 16	57 0	4 55	7 49	3 2	27 1	3 53	4 0	1 36	3 17	1 29	14 50	0 42	15 55	0 40	9 20
S 15	18 52 13	53 0	s30	8 16	3 1	26 58	3 53	3 42	1 36	3 16	1 29	14 49	0 43	15 55	0 40	9 20
S 16	19 6 10	2 1	4 42	8 45	3 0	26 54	3 52	3 25	1 37	3 14	1 28	14 49	0 43	15 55	0 40	9 20
M17	19 19 5	38 2	4 48	9 15	2 58	26 50	3 51	3 8	1 37	3 13	1 28	14 49	0 43	15 55	0 40	9 19
T 18	19 33 0	57 3	4 44	9 46	2 56	26 46	3 50	2 50	1 38	3 12	1 28	14 48	0 43	15 55	0 40	9 19
W19	19 46 3	n44	4 26	10 18	2 53	26 41	3 49	2 33	1 38	3 11	1 28	14 48	0 43	15 55	0 40	9 19
T 20	19 58 8	10 4	5 2	10 50	2 49	26 36	3 47	2 15	1 38	3 10	1 28	14 48	0 43	15 55	0 40	9 19
F 21	20 11 12	9 5	1 11	23 2	4 5	26 31	3 46	1 58	1 39	3 9	1 27	14 48	0 43	15 55	0 40	9 18
S 22	20 22 15	26 4	5 4	11 57	2 40	26 25	3 44	1 40	1 39	3 8	1 27	14 47	0 44	15 55	0 40	9 18
S 23	20 34 17	53 4	3 1	12 31	2 35	26 19	3 41	1 23	1 40	3 7	1 27	14 47	0 44	15 55	0 40	9 18
M24	20 45 19	24 3	5 5	13 6	2 30	26 12	3 39	1 5	1 40	3 6	1 27	14 47	0 44	15 55	0 40	9 18
T 25	20 56 19	55 3	8 13	42 2	23 26	6 3	36 0	48 1	41 3	5 1	27 14	47 0	44 15	55 0	40 9	18
W26	21 6 19	29 2	13 14	17 2	17 25	59 3	33 0	30 1	41 3	5 1	26 14	47 0	44 15	55 0	40 9	18
T 27	21 17 18	11 1	13 14	53 2	10 25	52 3	29 0	13 1	41 3	4 1	26 14	47 0	44 15	55 0	40 9	17
F 28	21 26 16	5 0	11 15	29 2	2 25	44 3	25 0	n 4	41 3	3 1	26 14	47 0	44 15	55 0	40 9	17
S 29	21 36 13	19 0	n52	16 5	1 54	25 37	3 21	0 22	1 42	3 3	1 26	14 47	0 45	15 56	0 40	9 17
S 30	21 45 10	1 1	5 13	16 41	1 46	25 29	3 17	0 39	1 42	3 3	1 25	14 47	0 45	15 56	0 41	9 17
M31	21n53	6n17	2n49	17n17	1s37	25n21	3n12	0n57	1s43	3s 2	1n25	14s47	0s45	15s56	0s41	9s17

Julian Day Number = 2696012.5, Delta T = 24m58s

Ecliptic obliquity = 23°21'02, Nutation = - 0°00'12

Ayanamsha: Fagan/Bradley = 34°06'12, Lahiri = 33°13'12

# ASTRODIENST EPHEMERIS for the year 2669

JUNE 2669

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 39 9	11 <sup>II</sup> 5'44	2 <sup>♂</sup> 47	26 <sup>♂</sup> 30	18 <sup>♂</sup> 9	7 <sup>♂</sup> 6	11 <sup>♂</sup> 0	22 <sup>♂</sup> 9	18 <sup>♂</sup> 17	7 <sup>♂</sup> 11	22 <sup>♂</sup> 7	17 <sup>♂</sup> 4	18 <sup>♂</sup> 1	20 <sup>♂</sup> 52	27 <sup>♂</sup> 34	T 1
W 2	16 43 5	12 <sup>♂</sup> 3'28	15 <sup>♂</sup> 13	28 <sup>♂</sup> 26	18 <sup>♂</sup> 31	7 <sup>♂</sup> 51	10 <sup>♂</sup> 59	22 <sup>♂</sup> 9	18 <sup>♂</sup> 17	7 <sup>♂</sup> 11	22 <sup>♂</sup> 8	17 <sup>♂</sup> 0	17 <sup>♂</sup> 58	20 <sup>♂</sup> 59	27 <sup>♂</sup> 38	W 2
T 3	16 47 2	13 <sup>♂</sup> 1'11	27 <sup>♂</sup> 59	0 <sup>II</sup> 23	18 <sup>♂</sup> 51	8 <sup>♂</sup> 36	10 <sup>♂</sup> 58	22 <sup>♂</sup> 8	18 <sup>♂</sup> 16	7 <sup>♂</sup> 12	22 <sup>♂</sup> 9	16 <sup>♂</sup> 53	17 <sup>♂</sup> 55	21 <sup>♂</sup> 5	27 <sup>♂</sup> 42	T 3
F 4	16 50 59	13 <sup>♂</sup> 58'52	11 <sup>♂</sup> 8	2 <sup>♂</sup> 23	19 <sup>♂</sup> 9	9 <sup>♂</sup> 21	10 <sup>♂</sup> 57	22 <sup>♂</sup> 8	18 <sup>♂</sup> 16	7 <sup>♂</sup> 12	22 <sup>♂</sup> 10	16 <sup>♂</sup> 45	17 <sup>♂</sup> 51	21 <sup>♂</sup> 12	27 <sup>♂</sup> 45	F 4
S 5	16 54 55	14 <sup>♂</sup> 56'32	24 <sup>♂</sup> 41	4 <sup>♂</sup> 24	19 <sup>♂</sup> 24	10 <sup>♂</sup> 5	10 <sup>♂</sup> 57	22 <sup>♂</sup> 8	18 <sup>♂</sup> 15	7 <sup>♂</sup> 12	22 <sup>♂</sup> 11	16 <sup>♂</sup> 35	17 <sup>♂</sup> 48	21 <sup>♂</sup> 19	27 <sup>♂</sup> 49	S 5
S 6	16 58 52	15 <sup>♂</sup> 54'10	8 <sup>♂</sup> 36	6 <sup>♂</sup> 28	19 <sup>♂</sup> 38	10 <sup>♂</sup> 50	10 <sup>♂</sup> 57	22 <sup>♂</sup> 7	18 <sup>♂</sup> 15	7 <sup>♂</sup> 12	22 <sup>♂</sup> 13	16 <sup>♂</sup> 25	17 <sup>♂</sup> 45	21 <sup>♂</sup> 25	27 <sup>♂</sup> 53	S 6
M 7	17 2 48	16 <sup>♂</sup> 51'47	22 <sup>♂</sup> 48	8 <sup>♂</sup> 32	19 <sup>♂</sup> 50	11 <sup>♂</sup> 35	10 <sup>♂</sup> D57	22 <sup>♂</sup> 7	18 <sup>♂</sup> 14	7 <sup>♂</sup> 12	22 <sup>♂</sup> 14	16 <sup>♂</sup> 16	17 <sup>♂</sup> 42	21 <sup>♂</sup> 32	27 <sup>♂</sup> 57	M 7
T 8	17 6 45	17 <sup>♂</sup> 49'23	7 <sup>♂</sup> 13	10 <sup>♂</sup> 39	20 <sup>♂</sup> 0	12 <sup>♂</sup> 19	10 <sup>♂</sup> 57	22 <sup>♂</sup> 6	18 <sup>♂</sup> 13	7 <sup>♂</sup> 12	22 <sup>♂</sup> 15	16 <sup>♂</sup> 9	17 <sup>♂</sup> 39	21 <sup>♂</sup> 39	28 <sup>♂</sup> 1	T 8
W 9	17 10 41	18 <sup>♂</sup> 46'58	21 <sup>♂</sup> 44	12 <sup>♂</sup> 47	20 <sup>♂</sup> 7	13 <sup>♂</sup> 4	10 <sup>♂</sup> 57	22 <sup>♂</sup> 6	18 <sup>♂</sup> 12	7 <sup>♂</sup> R12	22 <sup>♂</sup> 17	16 <sup>♂</sup> 5	17 <sup>♂</sup> 36	21 <sup>♂</sup> 45	28 <sup>♂</sup> 4	W 9
T 10	17 14 38	19 <sup>♂</sup> 44'32	6 <sup>♂</sup> 15	14 <sup>♂</sup> 56	20 <sup>♂</sup> 12	13 <sup>♂</sup> 48	10 <sup>♂</sup> 57	22 <sup>♂</sup> 5	18 <sup>♂</sup> 11	7 <sup>♂</sup> 12	22 <sup>♂</sup> 18	16 <sup>♂</sup> 2	17 <sup>♂</sup> 32	21 <sup>♂</sup> 52	28 <sup>♂</sup> 8	T 10
F 11	17 18 35	20 <sup>♂</sup> 42'05	20 <sup>♂</sup> 42	17 <sup>♂</sup> 7	20 <sup>♂</sup> 15	14 <sup>♂</sup> 33	10 <sup>♂</sup> 58	22 <sup>♂</sup> 4	18 <sup>♂</sup> 11	7 <sup>♂</sup> 12	22 <sup>♂</sup> 19	16 <sup>♂</sup> D 2	17 <sup>♂</sup> 29	21 <sup>♂</sup> 59	28 <sup>♂</sup> 12	F 11
S 12	17 22 31	21 <sup>♂</sup> 39'37	5 <sup>♂</sup> 1	19 <sup>♂</sup> 18	20 <sup>♂</sup> R16	15 <sup>♂</sup> 17	10 <sup>♂</sup> 59	22 <sup>♂</sup> 3	18 <sup>♂</sup> 10	7 <sup>♂</sup> 12	22 <sup>♂</sup> 21	16 <sup>♂</sup> 3	17 <sup>♂</sup> 26	22 <sup>♂</sup> 5	28 <sup>♂</sup> 16	S 12
S 13	17 26 28	22 <sup>♂</sup> 37'09	19 <sup>♂</sup> 10	21 <sup>♂</sup> 30	20 <sup>♂</sup> 14	16 <sup>♂</sup> 1	11 <sup>♂</sup> 0	22 <sup>♂</sup> 2	18 <sup>♂</sup> 9	7 <sup>♂</sup> 12	22 <sup>♂</sup> 22	16 <sup>♂</sup> R 4	17 <sup>♂</sup> 23	22 <sup>♂</sup> 12	28 <sup>♂</sup> 19	S 13
M14	17 30 24	23 <sup>♂</sup> 34'40	3 <sup>♂</sup> 7	23 <sup>♂</sup> 42	20 <sup>♂</sup> 10	16 <sup>♂</sup> 46	11 <sup>♂</sup> 1	22 <sup>♂</sup> 0	18 <sup>♂</sup> 8	7 <sup>♂</sup> 12	22 <sup>♂</sup> 23	16 <sup>♂</sup> 3	17 <sup>♂</sup> 20	22 <sup>♂</sup> 18	28 <sup>♂</sup> 23	M14
T 15	17 34 21	24 <sup>♂</sup> 32'10	16 <sup>♂</sup> 53	25 <sup>♂</sup> 54	20 <sup>♂</sup> 4	17 <sup>♂</sup> 30	11 <sup>♂</sup> 2	21 <sup>♂</sup> 59	18 <sup>♂</sup> 6	7 <sup>♂</sup> 11	22 <sup>♂</sup> 25	16 <sup>♂</sup> 1	17 <sup>♂</sup> 17	22 <sup>♂</sup> 25	28 <sup>♂</sup> 27	T 15
W16	17 38 17	25 <sup>♂</sup> 29'39	0 <sup>♂</sup> 27	28 <sup>♂</sup> 6	19 <sup>♂</sup> 55	18 <sup>♂</sup> 14	11 <sup>♂</sup> 4	21 <sup>♂</sup> 58	18 <sup>♂</sup> 5	7 <sup>♂</sup> 11	22 <sup>♂</sup> 26	15 <sup>♂</sup> 57	17 <sup>♂</sup> 13	22 <sup>♂</sup> 32	28 <sup>♂</sup> 30	W16
T 17	17 42 14	26 <sup>♂</sup> 27'08	13 <sup>♂</sup> 48	0 <sup>♂</sup> 18	19 <sup>♂</sup> 43	18 <sup>♂</sup> 58	11 <sup>♂</sup> 6	21 <sup>♂</sup> 56	18 <sup>♂</sup> 4	7 <sup>♂</sup> 11	22 <sup>♂</sup> 27	15 <sup>♂</sup> 51	17 <sup>♂</sup> 10	22 <sup>♂</sup> 38	28 <sup>♂</sup> 34	T 17
F 18	17 46 10	27 <sup>♂</sup> 24'36	26 <sup>♂</sup> 57	2 <sup>♂</sup> 28	19 <sup>♂</sup> 30	19 <sup>♂</sup> 43	11 <sup>♂</sup> 7	21 <sup>♂</sup> 55	18 <sup>♂</sup> 3	7 <sup>♂</sup> 11	22 <sup>♂</sup> 29	15 <sup>♂</sup> 43	17 <sup>♂</sup> 7	22 <sup>♂</sup> 45	28 <sup>♂</sup> 38	F 18
S 19	17 50 7	28 <sup>♂</sup> 22'03	9 <sup>II</sup> 53	4 <sup>♂</sup> 38	19 <sup>♂</sup> 14	20 <sup>♂</sup> 27	11 <sup>♂</sup> 9	21 <sup>♂</sup> 53	18 <sup>♂</sup> 2	7 <sup>♂</sup> 10	22 <sup>♂</sup> 30	15 <sup>♂</sup> 35	17 <sup>♂</sup> 4	22 <sup>♂</sup> 52	28 <sup>♂</sup> 41	S 19
S 20	17 54 4	29 <sup>♂</sup> 19'30	22 <sup>♂</sup> 36	6 <sup>♂</sup> 47	18 <sup>♂</sup> 55	21 <sup>♂</sup> 11	11 <sup>♂</sup> 12	21 <sup>♂</sup> 51	18 <sup>♂</sup> 0	7 <sup>♂</sup> 10	22 <sup>♂</sup> 32	15 <sup>♂</sup> 27	17 <sup>♂</sup> 1	22 <sup>♂</sup> 58	28 <sup>♂</sup> 45	S 20
M21	17 58 0	0 <sup>♂</sup> 16'56	5 <sup>♂</sup> 5	8 <sup>♂</sup> 54	18 <sup>♂</sup> 35	21 <sup>♂</sup> 55	11 <sup>♂</sup> 14	21 <sup>♂</sup> 49	17 <sup>♂</sup> 59	7 <sup>♂</sup> 10	22 <sup>♂</sup> 33	15 <sup>♂</sup> 20	16 <sup>♂</sup> 57	23 <sup>♂</sup> 5	28 <sup>♂</sup> 48	M21
T 22	18 1 57	1 <sup>♂</sup> 14'21	17 <sup>♂</sup> 21	10 <sup>♂</sup> 59	18 <sup>♂</sup> 12	22 <sup>♂</sup> 39	11 <sup>♂</sup> 17	21 <sup>♂</sup> 47	17 <sup>♂</sup> 58	7 <sup>♂</sup> 9	22 <sup>♂</sup> 34	15 <sup>♂</sup> 14	16 <sup>♂</sup> 54	23 <sup>♂</sup> 12	28 <sup>♂</sup> 52	T 22
W23	18 5 53	2 <sup>♂</sup> 11'45	29 <sup>♂</sup> 26	13 <sup>♂</sup> 3	17 <sup>♂</sup> 47	23 <sup>♂</sup> 22	11 <sup>♂</sup> 19	21 <sup>♂</sup> 45	17 <sup>♂</sup> 56	7 <sup>♂</sup> 9	22 <sup>♂</sup> 36	15 <sup>♂</sup> 11	16 <sup>♂</sup> 51	23 <sup>♂</sup> 18	28 <sup>♂</sup> 55	W23
T 24	18 9 50	3 <sup>♂</sup> 9'08	11 <sup>♂</sup> 21	15 <sup>♂</sup> 5	17 <sup>♂</sup> 20	24 <sup>♂</sup> 6	11 <sup>♂</sup> 22	21 <sup>♂</sup> 43	17 <sup>♂</sup> 55	7 <sup>♂</sup> 8	22 <sup>♂</sup> 37	15 <sup>♂</sup> D10	16 <sup>♂</sup> 48	23 <sup>♂</sup> 25	28 <sup>♂</sup> 59	T 24
F 25	18 13 46	4 <sup>♂</sup> 6'31	23 <sup>♂</sup> 11	17 <sup>♂</sup> 5	16 <sup>♂</sup> 51	24 <sup>♂</sup> 50	11 <sup>♂</sup> 25	21 <sup>♂</sup> 41	17 <sup>♂</sup> 53	7 <sup>♂</sup> 8	22 <sup>♂</sup> 39	15 <sup>♂</sup> 10	16 <sup>♂</sup> 45	23 <sup>♂</sup> 32	29 <sup>♂</sup> 2	F 25
S 26	18 17 43	5 <sup>♂</sup> 3'52	4 <sup>♂</sup> 58	19 <sup>♂</sup> 3	16 <sup>♂</sup> 20	25 <sup>♂</sup> 34	11 <sup>♂</sup> 29	21 <sup>♂</sup> 39	17 <sup>♂</sup> 52	7 <sup>♂</sup> 7	22 <sup>♂</sup> 40	15 <sup>♂</sup> 11	16 <sup>♂</sup> 42	23 <sup>♂</sup> 38	29 <sup>♂</sup> 5	S 26
S 27	18 21 39	6 <sup>♂</sup> 1'13	16 <sup>♂</sup> 47	20 <sup>♂</sup> 58	15 <sup>♂</sup> 48	26 <sup>♂</sup> 17	11 <sup>♂</sup> 32	21 <sup>♂</sup> 37	17 <sup>♂</sup> 50	7 <sup>♂</sup> 7	22 <sup>♂</sup> 42	15 <sup>♂</sup> 13	16 <sup>♂</sup> 38	23 <sup>♂</sup> 45	29 <sup>♂</sup> 9	S 27
M28	18 25 36	6 <sup>♂</sup> 58'33	28 <sup>♂</sup> 43	22 <sup>♂</sup> 52	15 <sup>♂</sup> 15	27 <sup>♂</sup> 1	11 <sup>♂</sup> 36	21 <sup>♂</sup> 34	17 <sup>♂</sup> 49	7 <sup>♂</sup> 6	22 <sup>♂</sup> 43	15 <sup>♂</sup> 14	16 <sup>♂</sup> 35	23 <sup>♂</sup> 52	29 <sup>♂</sup> 12	M28
T 29	18 29 33	7 <sup>♂</sup> 55'51	10 <sup>♂</sup> 51	24 <sup>♂</sup> 43	14 <sup>♂</sup> 40	27 <sup>♂</sup> 44	11 <sup>♂</sup> 39	21 <sup>♂</sup> 32	17 <sup>♂</sup> 47	7 <sup>♂</sup> 6	22 <sup>♂</sup> 45	15 <sup>♂</sup> R14	16 <sup>♂</sup> 32	23 <sup>♂</sup> 58	29 <sup>♂</sup> 15	T 29
W30	18 33 29	8 <sup>♂</sup> 53'10	23 <sup>♂</sup> 16	26 <sup>♂</sup> 31	14 <sup>♂</sup> 5	28 <sup>♂</sup> 28	11 <sup>♂</sup> 43	21 <sup>♂</sup> 29	17 <sup>♂</sup> 45	7 <sup>♂</sup> 5	22 <sup>♂</sup> 46	15 <sup>♂</sup> 13	16 <sup>♂</sup> 29	24 <sup>♂</sup> 5	29 <sup>♂</sup> 19	W30

Day	☉	☾		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
-----	---	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--

## ASTRODIENST EPHEMERIS for the year 2669

JULY 2669

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 37 26	9 <sup>50</sup> 27	6 <sup>11</sup> 2	28 <sup>18</sup>	13°R27	29 <sup>11</sup>	11 <sup>47</sup>	21°R26	17°R44	7°R 4	22 <sup>48</sup>	15°R11	16 <sup>26</sup>	24 <sup>11</sup>	29 <sup>22</sup>	T 1
F 2	18 41 22	10°47'44	19°13	0 <sup>2</sup>	12 <sup>50</sup>	29°54	11°51	21°23	17°42	7° 4	22°49	15 <sup>7</sup>	16°23	24°18	29°25	F 2
S 3	18 45 19	11°45'00	2 <sup>50</sup>	1°44	12°12	0 <sup>37</sup>	11°56	21°21	17°40	7° 3	22°51	15° 2	16°19	24°25	29°28	S 3
S 4	18 49 15	12°42'15	16°53	3°23	11°34	1°20	12° 0	21°18	17°38	7° 2	22°52	14°57	16°16	24°31	29°31	S 4
M 5	18 53 12	13°39'30	1 <sup>18</sup>	5° 0	10°57	2° 3	12° 5	21°15	17°37	7° 1	22°54	14°53	16°13	24°38	29°34	M 5
T 6	18 57 8	14°36'45	16° 0	6°35	10°20	2°46	12°10	21°12	17°35	7° 1	22°55	14°50	16°10	24°45	29°38	T 6
W 7	19 1 5	15°33'59	0 <sup>53</sup>	8° 7	9°43	3°29	12°15	21° 9	17°33	7° 0	22°57	14°48	16° 7	24°51	29°41	W 7
T 8	19 5 2	16°31'13	15°47	9°37	9° 8	4°12	12°20	21° 5	17°31	6°59	22°58	14°D47	16° 3	24°58	29°44	T 8
F 9	19 8 58	17°28'26	0 <sup>37</sup>	11° 5	8°33	4°55	12°25	21° 2	17°29	6°58	23° 0	14°48	16° 0	25° 5	29°47	F 9
S 10	19 12 55	18°25'40	15°14	12°30	8° 0	5°37	12°31	20°59	17°27	6°57	23° 1	14°49	15°57	25°11	29°49	S 10
S 11	19 16 51	19°22'54	29°36	13°52	7°29	6°20	12°36	20°55	17°25	6°56	23° 3	14°50	15°54	25°18	29°52	S 11
M12	19 20 48	20°20'08	13 <sup>19</sup>	15°12	6°59	7° 2	12°42	20°52	17°23	6°55	23° 4	14°51	15°51	25°25	29°55	M12
T 13	19 24 44	21°17'22	27°23	16°30	6°30	7°45	12°48	20°48	17°21	6°54	23° 6	14°R51	15°48	25°31	29°58	T 13
W14	19 28 41	22°14'36	10 <sup>49</sup>	17°44	6° 4	8°27	12°54	20°45	17°19	6°53	23° 7	14°50	15°44	25°38	0 <sup>11</sup>	W14
T 15	19 32 37	23°11'51	23°56	18°57	5°40	9° 9	13° 0	20°41	17°17	6°52	23° 9	14°48	15°41	25°45	0° 4	T 15
F 16	19 36 34	24° 9'06	6 <sup>11</sup>	20° 6	5°18	9°51	13° 6	20°37	17°15	6°51	23°10	14°45	15°38	25°51	0° 6	F 16
S 17	19 40 31	25° 6'21	19°25	21°13	4°58	10°33	13°13	20°34	17°12	6°50	23°12	14°43	15°35	25°58	0° 9	S 17
S 18	19 44 27	26° 3'36	1 <sup>49</sup>	22°16	4°41	11°15	13°19	20°30	17°10	6°49	23°13	14°40	15°32	26° 4	0°11	S 18
M19	19 48 24	27° 0'51	14° 2	23°17	4°26	11°57	13°26	20°26	17° 8	6°48	23°15	14°37	15°29	26°11	0°14	M19
T 20	19 52 20	27°58'07	26° 6	24°15	4°13	12°39	13°33	20°22	17° 6	6°46	23°16	14°36	15°25	26°18	0°17	T 20
W21	19 56 17	28°55'22	8 <sup>2</sup>	25°10	4° 3	13°20	13°40	20°18	17° 4	6°45	23°18	14°35	15°22	26°24	0°19	W21
T 22	20 0 13	29°52'38	19°52	26° 1	3°55	14° 2	13°47	20°14	17° 1	6°44	23°20	14°D35	15°19	26°31	0°21	T 22
F 23	20 4 10	0 <sup>49</sup>	1 <sup>19</sup>	26°49	3°49	14°43	13°54	20°10	16°59	6°43	23°21	14°35	15°16	26°38	0°24	F 23
S 24	20 8 6	1°47'09	13°27	27°33	3°46	15°24	14° 1	20° 6	16°57	6°41	23°23	14°36	15°13	26°44	0°26	S 24
S 25	20 12 3	2°44'25	25°17	28°14	3°D45	16° 6	14° 9	20° 2	16°55	6°40	23°24	14°37	15° 9	26°51	0°29	S 25
M26	20 16 0	3°41'41	7 <sup>14</sup>	28°51	3°47	16°47	14°16	19°58	16°52	6°39	23°26	14°39	15° 6	26°58	0°31	M26
T 27	20 19 56	4°38'57	19°22	29°23	3°50	17°27	14°24	19°54	16°50	6°38	23°27	14°39	15° 3	27° 4	0°33	T 27
W28	20 23 53	5°36'13	1 <sup>11</sup>	29°52	3°56	18° 8	14°32	19°49	16°48	6°36	23°29	14°R40	15° 0	27°11	0°35	W28
T 29	20 27 49	6°33'29	14°28	0 <sup>17</sup>	4° 4	18°49	14°40	19°45	16°45	6°35	23°30	14°40	14°57	27°18	0°37	T 29
F 30	20 31 46	7°30'46	27°35	0°37	4°14	19°29	14°48	19°41	16°43	6°34	23°32	14°39	14°54	27°24	0°39	F 30
S 31	20 35 42	8 <sup>28</sup>	11 <sup>7</sup>	0 <sup>52</sup>	4 <sup>27</sup>	20 <sup>10</sup>	14 <sup>56</sup>	19 <sup>36</sup>	16 <sup>41</sup>	6 <sup>32</sup>	23 <sup>33</sup>	14 <sup>39</sup>	14 <sup>50</sup>	27 <sup>31</sup>	0 <sup>41</sup>	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	22n59	8s38	5n 8	22n18	1n55	20n23	2s18	9n28	1s48	3s27	1n18	15s 5	0s50	16s 7	0s42	T 1
F 2	22 55	12 28	5 11	21 54	1 53	20 13	2 32	9 43	1 48	3 29	1 17	15 6	0 50	16 8	0 42	F 2
S 3	22 50	15 47	4 57	21 29	1 50	20 3	2 46	9 58	1 48	3 31	1 17	15 7	0 50	16 8	0 42	S 3
S 4	22 45	18 18	4 25	21 2	1 46	19 53	2 59	10 13	1 48	3 33	1 17	15 8	0 50	16 9	0 42	S 4
M 5	22 39	19 45	3 36	20 35	1 41	19 43	3 12	10 28	1 48	3 35	1 17	15 9	0 50	16 10	0 42	M 5
T 6	22 33	19 53	2 31	20 7	1 36	19 33	3 25	10 42	1 48	3 37	1 16	15 11	0 50	16 10	0 42	T 6
W 7	22 27	18 39	1 16	19 38	1 31	19 24	3 37	10 57	1 47	3 39	1 16	15 12	0 50	16 11	0 42	W 7
T 8	22 20	16 8	0s 6	19 8	1 24	19 14	3 48	11 11	1 47	3 41	1 16	15 13	0 50	16 11	0 42	T 8
F 9	22 13	12 33	1 26	18 38	1 17	19 6	3 59	11 26	1 47	3 44	1 16	15 14	0 51	16 12	0 42	F 9
S 10	22 5	8 15	2 40	18 7	1 10	18 57	4 10	11 40	1 47	3 46	1 15	15 15	0 51	16 13	0 42	S 10
S 11	21 57	3 33	3 42	17 36	1 2	18 49	4 20	11 54	1 47	3 48	1 15	15 16	0 51	16 13	0 42	S 11
M12	21 49	1n13	4 30	17 4	0 54	18 41	4 29	12 8	1 47	3 51	1 15	15 18	0 51	16 14	0 42	M12
T 13	21 40	5 49	5 1	16 33	0 45	18 34	4 38	12 22	1 47	3 53	1 15	15 19	0 51	16 15	0 42	T 13
W14	21 31	10 2	5 14	16 1	0 35	18 27	4 46	12 35	1 46	3 56	1 15	15 20	0 51	16 15	0 42	W14
T 15	21 22	13 39	5 11	15 29	0 25	18 20	4 54	12 49	1 46	3 58	1 14	15 21	0 51	16 16	0 42	T 15
F 16	21 12	16 34	4 52	14 58	0 15	18 14	5 1	13 2	1 46	4 1	1 14	15 23	0 52	16 17	0 42	F 16
S 17	21 2	18 37	4 19	14 26	0 4	18 9	5 7	13 15	1 46	4 4	1 14	15 24	0 52	16 17	0 42	S 17
S 18	20 51	19 45	3 35	13 55	0s 7	18 4	5 13	13 29	1 46	4 6	1 14	15 25	0 52	16 18	0 42	S 18
M19	20 41	19 57	2 41	13 25	0 19	17 59	5 18	13 42	1 45	4 9	1 14	15 27	0 52	16 19	0 42	M19
T 20	20 29	19 12	1 41	12 54	0 31	17 55	5 22	13 54	1 45	4 12	1 13	15 28	0 52	16 19	0 42	T 20
W21	20 18	17 37	0 36	12 25	0 43	17 51	5 26	14 7	1 45	4 15	1 13	15 29	0 52	16 20	0 42	W21
T 22	20 6	15 16	0n29	11 56	0 56	17 48	5 30	14 20	1 45	4 18	1 13	15 31	0 52	16 21	0 42	T 22
F 23	19 54	12 18	1 33	11 27	1 9	17 45	5 33	14 32	1 44	4 21	1 13	15 32	0 52	16 21	0 42	F 23
S 24	19 41	8 51	2 33	11 0	1 22	17 43	5 35	14 44	1 44	4 24	1 13	15 34	0 52	16 22	0 42	S 24
S 25	19 28	5 2	3 27	10 33	1 35	17 41	5 37	14 56	1 44	4 27	1 12	15 35	0 53	16 23	0 42	S 25
M26	19 15	1 1	4 13	10 8	1 49	17 39	5 38	15 8	1 43	4 30	1 12	15 36	0 53	16 23	0 42	M26
T 27	19 2	3s 7	4 47	9 44	2 3	17 38	5 39	15 20	1 43	4 33	1 12	15 38	0 53	16 24	0 42	T 27
W28	18 48	7 11	5 10	9 21	2 16	17 38	5 40	15 32	1 42	4 36	1 12	15 39	0 53	16 25	0 42	W28
T 29	18 34	11 3	5 18	8 59	2 30	17 37	5 40	15 43	1 42	4 40	1 12	15 41	0 53	16 26	0 42	T 29
F 30	18 19	14 31	5 10	8 39	2 44	17 37	5 40	15 54	1 42	4 43	1 11	15 42	0 53	16 26	0 42	F 30
S 31	18n 5	17s20	4n45	8n21	2s58	17n37	5s40	16n 6	1s41	4s46	1n11	15s44	0s53	16s27	0s42	S 31

Julian Day Number = 2696073.5, Delta T = 24m59s

Ecliptic obliquity = 23°21'01, Nutation = - 0°00'12

Ayanamsha: Fagan/Bradley = 34°06'21, Lahiri = 33°13'21

## ASTRODIENST EPHEMERIS for the year 2669

AUGUST 2669

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 39 39	9♂25'19	25♂ 6	1♂ 3	4♂41	20♂50	15♂ 5	19°R32	16°R38	6°R31	23♂35	14°R38	14♂47	27♂38	0♂43	S 1
M 2	20 43 35	10°22'36	9♂31	1° 9	4°57	21°30	15°13	19°28	16°36	6°29	23°36	14°R38	14°44	27°44	0°45	M 2
T 3	20 47 32	11°19'54	24°18	1°R10	5°15	22°10	15°22	19°23	16°33	6°28	23°38	14°37	14°41	27°51	0°47	T 3
W 4	20 51 29	12°17'12	9♂21	1° 6	5°35	22°50	15°30	19°19	16°31	6°26	23°39	14°D37	14°38	27°57	0°49	W 4
T 5	20 55 25	13°14'30	24°30	0°57	5°57	23°30	15°39	19°15	16°29	6°25	23°40	14°37	14°35	28° 4	0°51	T 5
F 6	20 59 22	14°11'49	9♂38	0°43	6°20	24° 9	15°48	19°10	16°26	6°24	23°42	14°R37	14°31	28°11	0°52	F 6
S 7	21 3 18	15° 9'09	24°34	0°24	6°45	24°49	15°57	19° 6	16°24	6°22	23°43	14°37	14°28	28°17	0°54	S 7
S 8	21 7 15	16° 6'30	9♂13	0° 0	7°12	25°28	16° 6	19° 1	16°21	6°21	23°45	14°37	14°25	28°24	0°56	S 8
M 9	21 11 11	17° 3'51	23°28	29♂32	7°40	26° 7	16°15	18°57	16°19	6°19	23°46	14°37	14°22	28°31	0°57	M 9
T 10	21 15 8	18° 1'14	7♂19	28°59	8°10	26°46	16°24	18°52	16°17	6°18	23°48	14°37	14°19	28°37	0°59	T 10
W 11	21 19 4	18°58'38	20°45	28°23	8°41	27°25	16°34	18°48	16°14	6°16	23°49	14°D37	14°15	28°44	1° 0	W 11
T 12	21 23 1	19°56'03	3♂47	27°43	9°14	28° 4	16°43	18°43	16°12	6°14	23°50	14°37	14°12	28°51	1° 1	T 12
F 13	21 26 58	20°53'29	16°30	27° 1	9°48	28°43	16°53	18°39	16° 9	6°13	23°52	14°37	14° 9	28°57	1° 3	F 13
S 14	21 30 54	21°50'56	28°55	26°16	10°23	29°21	17° 2	18°34	16° 7	6°11	23°53	14°38	14° 6	29° 4	1° 4	S 14
S 15	21 34 51	22°48'24	11♂ 7	25°30	10°59	29°59	17°12	18°30	16° 5	6°10	23°55	14°39	14° 3	29°11	1° 5	S 15
M 16	21 38 47	23°45'54	23° 8	24°44	11°37	0♂37	17°22	18°26	16° 2	6° 8	23°56	14°39	14° 0	29°17	1° 7	M 16
T 17	21 42 44	24°43'24	5♂ 2	23°58	12°16	1°15	17°32	18°21	16° 0	6° 7	23°57	14°40	13°56	29°24	1° 8	T 17
W 18	21 46 40	25°40'56	16°52	23°12	12°56	1°53	17°42	18°17	15°58	6° 5	23°59	14°R40	13°53	29°31	1° 9	W 18
T 19	21 50 37	26°38'28	28°39	22°29	13°36	2°30	17°52	18°12	15°55	6° 3	24° 0	14°40	13°50	29°37	1°10	T 19
F 20	21 54 33	27°36'02	10♂27	21°49	14°18	3° 8	18° 2	18° 8	15°53	6° 2	24° 1	14°39	13°47	29°44	1°11	F 20
S 21	21 58 30	28°33'36	22°17	21°12	15° 1	3°45	18°12	18° 4	15°50	6° 0	24° 3	14°37	13°44	29°50	1°12	S 21
S 22	22 2 27	29°31'12	4♂11	20°40	15°45	4°22	18°23	17°59	15°48	5°58	24° 4	14°35	13°41	29°57	1°12	S 22
M 23	22 6 23	0♂28'48	16°13	20°13	16°30	4°59	18°33	17°55	15°46	5°57	24° 5	14°33	13°37	0♂ 4	1°13	M 23
T 24	22 10 20	1°26'25	28°25	19°51	17°16	5°35	18°44	17°51	15°44	5°55	24° 6	14°30	13°34	0°10	1°14	T 24
W 25	22 14 16	2°24'04	10♂51	19°36	18° 2	6°11	18°54	17°46	15°41	5°54	24° 8	14°29	13°31	0°17	1°15	W 25
T 26	22 18 13	3°21'43	23°32	19°27	18°49	6°48	19° 5	17°42	15°39	5°52	24° 9	14°27	13°28	0°24	1°15	T 26
F 27	22 22 9	4°19'23	6♂34	19°D26	19°37	7°23	19°16	17°38	15°37	5°50	24°10	14°D27	13°25	0°30	1°16	F 27
S 28	22 26 6	5°17'04	19°59	19°31	20°26	7°59	19°27	17°34	15°35	5°49	24°11	14°28	13°21	0°37	1°16	S 28
S 29	22 30 2	6°14'47	3♂48	19°44	21°16	8°35	19°38	17°30	15°32	5°47	24°13	14°29	13°18	0°44	1°17	S 29
M 30	22 33 59	7°12'30	18° 3	20° 5	22° 6	9°10	19°49	17°26	15°30	5°45	24°14	14°30	13°15	0°50	1°17	M 30
T 31	22 37 56	8♂10'14	2♂41	20♂33	22♂57	9♂45	20♂ 0	17°22	15°28	5♂44	24♂15	14♂31	13♂12	0♂57	1♂17	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	17n50	19s14	4n 2	8n 5	3s11	17n37	5s39	16n17	1s41	4s50	1n11	15s45	0s53	16s28	0s42	S 1
M 2	17 34	19 58	3 3	7 50	3 25	17 38	5 38	16 27	1 40	4 53	1 11	15 46	0 53	16 29	0 42	M 2
T 3	17 19	19 22	1 51	7 38	3 37	17 39	5 36	16 38	1 40	4 56	1 11	15 48	0 54	16 29	0 42	T 3
W 4	17 3	17 23	0 29	7 28	3 50	17 40	5 34	16 49	1 39	5 0	1 10	15 49	0 54	16 30	0 42	W 4
T 5	16 47	14 10	0s55	7 20	4 2	17 41	5 32	16 59	1 39	5 3	1 10	15 51	0 54	16 31	0 42	T 5
F 6	16 31	10 1	2 15	7 14	4 13	17 42	5 30	17 9	1 38	5 7	1 10	15 52	0 54	16 31	0 42	F 6
S 7	16 14	5 17	3 24	7 11	4 23	17 44	5 28	17 19	1 38	5 11	1 10	15 54	0 54	16 32	0 42	S 7
S 8	15 57	0 20	4 19	7 11	4 32	17 45	5 25	17 29	1 37	5 14	1 10	15 55	0 54	16 33	0 42	S 8
M 9	15 40	4n29	4 57	7 13	4 40	17 46	5 22	17 39	1 37	5 18	1 10	15 57	0 54	16 34	0 42	M 9
T 10	15 22	8 56	5 15	7 17	4 47	17 48	5 19	17 48	1 36	5 21	1 9	15 58	0 54	16 34	0 42	T 10
W 11	15 5	12 47	5 16	7 25	4 53	17 49	5 15	17 58	1 36	5 25	1 9	16 0	0 54	16 35	0 42	W 11
T 12	14 47	15 55	5 0	7 34	4 56	17 51	5 12	18 7	1 35	5 29	1 9	16 1	0 54	16 36	0 42	T 12
F 13	14 29	18 11	4 30	7 46	4 59	17 52	5 8	18 16	1 34	5 33	1 9	16 3	0 54	16 36	0 42	F 13
S 14	14 10	19 33	3 48	8 1	4 59	17 53	5 4	18 25	1 34	5 37	1 9	16 4	0 54	16 37	0 42	S 14
S 15	13 52	19 58	2 56	8 17	4 58	17 54	5 0	18 33	1 33	5 40	1 9	16 5	0 55	16 38	0 42	S 15
M 16	13 33	19 27	1 57	8 35	4 55	17 55	4 56	18 42	1 32	5 44	1 8	16 7	0 55	16 39	0 42	M 16
T 17	13 14	18 5	0 53	8 55	4 50	17 56	4 52	18 50	1 32	5 48	1 8	16 8	0 55	16 39	0 42	T 17
W 18	12 55	15 55	0n12	9 16	4 43	17 57	4 48	18 58	1 31	5 52	1 8	16 10	0 55	16 40	0 42	W 18
T 19	12 35	13 6	1 17	9 38	4 35	17 58	4 43	19 6	1 30	5 56	1 8	16 11	0 55	16 41	0 42	T 19
F 20	12 16	9 45	2 18	10 0	4 25	17 58	4 39	19 14	1 30	6 0	1 8	16 13	0 55	16 41	0 42	F 20
S 21	11 56	6 1	3 14	10 23	4 13	17 58	4 34	19 22	1 29	6 4	1 8	16 14	0 55	16 42	0 42	S 21
S 22	11 36	2 2	4 1	10 45	4 0	17 58	4 29	19 30	1 28	6 8	1 7	16 15	0 55	16 43	0 42	S 22
M 23	11 16	2s 4	4 38	11 7	3 46	17 58	4 24	19 37	1 27	6 12	1 7	16 17	0 55	16 43	0 42	M 23
T 24	10 55	6 8	5 4	11 29	3 30	17 57	4 19	19 44	1 26	6 16	1 7	16 18	0 55	16 44	0 42	T 24
W 25	10 35	10 1	5 15	11 49	3 14	17 56	4 14	19 51	1 26	6 21	1 7	16 20	0 55	16 45	0 42	W 25
T 26	10 14	13 33	5 12	12 7	2 57	17 55	4 9	19 58	1 25	6 25	1 7	16 21	0 55	16 45	0 42	T 26
F 27	9 53	16 31	4 53	12 24	2 40	17 54	4 4	20 5	1 24	6 29	1 7	16 22	0 55	16 46	0 42	F 27
S 28	9 32	18 42	4 17	12 39	2 22	17 52	3 59	20 11	1 23	6 33	1 7	16 23	0 55	16 47	0 42	S 28
S 29	9 11	19 52	3 26	12 52	2 4	17 50	3 54	20 18	1 22	6 37	1 7	16 25	0 55	16 47	0 42	S 29
M 30	8 50	19 49	2 21	13 3	1 47	17 47	3 48	20 24	1 21	6 42	1 6	16 26	0 55	16 48	0 42	M 30
T 31	8n29	18s26	1n 5	13n11	1s29	17n44	3s43	20n30	1s20	6s46	1n 6	16s27	0s56	16s49	0s42	T 31

Julian Day Number = 2696104.5, Delta T = 24m59s

Ecliptic obliquity = 23°21'02, Nutation = - 0°00'11

Ayanamsha: Fagan/Bradley = 34°06'25, Lahiri = 33°13'25



# ASTRODIENST EPHEMERIS for the year 2669

OCTOBER 2669

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	0 40 9	8♌13'29	26♋19	10♌12	23♏23	25♏32	26♌10	15°R48	14°R36	4°R57	24♌42	13°R16	11♏33	4♏23	0°R58	F 1
S 2	0 44 5	9°12'06	11♏20	12° 0	24°28	25°57	26°23	15°46	14°35	4°55	24°43	13♏9	11°30	4°30	0♏56	S 2
S 3	0 48 2	10°10'45	26°10	13°47	25°32	26°22	26°36	15°44	14°34	4°54	24°43	13° 0	11°27	4°37	0°55	S 3
M 4	0 51 58	11° 9'26	10♌41	15°33	26°38	26°46	26°48	15°42	14°33	4°53	24°44	12°51	11°24	4°43	0°53	M 4
T 5	0 55 55	12° 8'09	24°46	17°18	27°43	27° 9	27° 1	15°41	14°32	4°52	24°44	12°42	11°21	4°50	0°51	T 5
W 6	0 59 51	13° 6'54	8♏24	19° 2	28°49	27°32	27°14	15°40	14°31	4°50	24°45	12°36	11°17	4°57	0°50	W 6
T 7	1 3 48	14° 5'41	21°33	20°44	29°54	27°55	27°27	15°38	14°30	4°49	24°45	12°31	11°14	5° 3	0°48	T 7
F 8	1 7 45	15° 4'31	4♏17	22°26	1♏ 1	28°17	27°39	15°37	14°29	4°48	24°46	12°29	11°11	5°10	0°46	F 8
S 9	1 11 41	16° 3'22	16°38	24° 8	2° 7	28°39	27°52	15°36	14°28	4°47	24°46	12°D28	11° 8	5°16	0°44	S 9
S 10	1 15 38	17° 2'16	28°44	25°48	3°13	29° 0	28° 5	15°35	14°28	4°46	24°46	12°28	11° 5	5°23	0°42	S 10
M11	1 19 34	18° 1'13	10♏37	27°27	4°20	29°20	28°18	15°34	14°27	4°45	24°47	12°R29	11° 2	5°30	0°40	M11
T 12	1 23 31	19° 0'11	22°25	29° 6	5°27	29°40	28°31	15°33	14°26	4°44	24°47	12°28	10°58	5°36	0°38	T 12
W13	1 27 27	19°59'12	4♏12	0♏43	6°34	29°59	28°44	15°32	14°26	4°43	24°47	12°26	10°55	5°43	0°36	W13
T 14	1 31 24	20°58'14	16° 2	2°20	7°42	0♏19	28°57	15°32	14°25	4°42	24°48	12°21	10°52	5°50	0°34	T 14
F 15	1 35 20	21°57'19	27°59	3°56	8°49	0°37	29° 9	15°31	14°25	4°41	24°48	12°14	10°49	5°56	0°32	F 15
S 16	1 39 17	22°56'26	10♌ 5	5°31	9°57	0°55	29°22	15°31	14°25	4°40	24°48	12° 3	10°46	6° 3	0°30	S 16
S 17	1 43 13	23°55'35	22°21	7° 5	11° 5	1°12	29°35	15°30	14°24	4°39	24°48	11°51	10°43	6°10	0°28	S 17
M18	1 47 10	24°54'47	4♏48	8°39	12°13	1°29	29°48	15°30	14°24	4°38	24°49	11°38	10°39	6°16	0°25	M18
T 19	1 51 7	25°54'00	17°28	10°12	13°22	1°45	0♏ 1	15°30	14°24	4°37	24°49	11°25	10°36	6°23	0°23	T 19
W20	1 55 3	26°53'15	0♏19	11°44	14°30	2° 0	0°14	15°D30	14°23	4°36	24°49	11°14	10°33	6°30	0°21	W20
T 21	1 59 0	27°52'32	13°21	13°15	15°39	2°15	0°27	15°30	14°23	4°35	24°49	11° 5	10°30	6°36	0°18	T 21
F 22	2 2 56	28°51'51	26°35	14°46	16°48	2°29	0°40	15°30	14°23	4°34	24°49	10°59	10°27	6°43	0°16	F 22
S 23	2 6 53	29°51'11	10♌ 1	16°15	17°57	2°42	0°53	15°31	14°23	4°34	24°49	10°55	10°23	6°50	0°13	S 23
S 24	2 10 49	0♏50'33	23°39	17°44	19° 6	2°55	1° 6	15°31	14°D23	4°33	24°49	10°54	10°20	6°56	0°11	S 24
M25	2 14 46	1°49'57	7♏32	19°13	20°15	3° 7	1°19	15°31	14°23	4°32	24°R49	10°54	10°17	7° 3	0° 8	M25
T 26	2 18 42	2°49'23	21°39	20°40	21°25	3°18	1°32	15°32	14°23	4°32	24°49	10°54	10°14	7°10	0° 6	T 26
W27	2 22 39	3°48'50	6♏ 0	22° 7	22°34	3°28	1°45	15°33	14°23	4°31	24°49	10°52	10°11	7°16	0° 3	W27
T 28	2 26 36	4°48'19	20°33	23°33	23°44	3°38	1°58	15°33	14°23	4°30	24°49	10°48	10° 8	7°23	0° 0	T 28
F 29	2 30 32	5°47'50	5♏12	24°58	24°54	3°47	2°11	15°34	14°24	4°30	24°49	10°41	10° 4	7°30	29°58	F 29
S 30	2 34 29	6°47'23	19°53	26°23	26° 4	3°56	2°24	15°35	14°24	4°29	24°49	10°31	10° 1	7°36	29°55	S 30
S 31	2 38 25	7♏46'57	4♏27	27♏46	27♏14	4°5 3	2♏37	15°36	14°24	4°29	24°49	10°20	9°58	7♏43	29°52	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	3s15	4s40	3s29	2s50	1n18	12n50	0s54	22n35	0s41	9s 5	1n 3	16s56	0s56	17s 3	0s42	F 1
S 2	3 38	0n29	4 20	3 36	1 13	12 33	0 49	22 38	0 40	9 10	1 3	16 57	0 56	17 4	0 42	S 2
S 3	4 1	5 31	4 52	4 23	1 7	12 16	0 44	22 40	0 38	9 14	1 3	16 57	0 56	17 4	0 42	S 3
M 4	4 24	10 8	5 5	5 9	1 2	11 59	0 39	22 42	0 36	9 19	1 3	16 58	0 56	17 4	0 42	M 4
T 5	4 47	14 4	4 59	5 55	0 56	11 42	0 34	22 44	0 35	9 23	1 3	16 58	0 56	17 4	0 42	T 5
W 6	5 10	17 6	4 35	6 40	0 49	11 24	0 29	22 47	0 33	9 28	1 3	16 59	0 56	17 5	0 41	W 6
T 7	5 32	19 8	3 58	7 24	0 43	11 5	0 24	22 49	0 31	9 33	1 3	16 59	0 56	17 5	0 41	T 7
F 8	5 55	20 8	3 9	8 8	0 37	10 46	0 19	22 51	0 29	9 37	1 3	16 59	0 56	17 5	0 41	F 8
S 9	6 18	20 7	2 14	8 52	0 30	10 27	0 15	22 53	0 28	9 42	1 3	17 0	0 56	17 5	0 41	S 9
S 10	6 40	19 9	1 13	9 34	0 23	10 8	0 10	22 55	0 26	9 46	1 3	17 0	0 56	17 6	0 41	S 10
M11	7 3	17 21	0 10	10 16	0 16	9 48	0 6	22 57	0 24	9 51	1 3	17 0	0 56	17 6	0 41	M11
T 12	7 25	14 49	0n53	10 58	0 9	9 28	0 1	22 59	0 22	9 56	1 3	17 0	0 56	17 6	0 41	T 12
W13	7 47	11 41	1 53	11 39	0 2	9 7	0n 3	23 1	0 20	10 0	1 3	17 1	0 56	17 6	0 41	W13
T 14	8 9	8 5	2 49	12 19	0s 5	8 46	0 8	23 3	0 18	10 5	1 3	17 1	0 56	17 6	0 41	T 14
F 15	8 31	4 7	3 37	12 58	0 12	8 25	0 12	23 5	0 16	10 9	1 3	17 1	0 56	17 6	0 41	F 15
S 16	8 53	0s 3	4 16	13 37	0 19	8 3	0 16	23 7	0 14	10 14	1 3	17 1	0 56	17 6	0 41	S 16
S 17	9 15	4 16	4 44	14 14	0 26	7 42	0 20	23 9	0 12	10 19	1 3	17 1	0 56	17 6	0 41	S 17
M18	9 37	8 22	4 59	14 51	0 33	7 19	0 24	23 11	0 10	10 23	1 3	17 1	0 56	17 6	0 41	M18
T 19	9 58	12 11	5 0	15 27	0 40	6 57	0 28	23 13	0 7	10 28	1 3	17 1	0 56	17 7	0 41	T 19
W20	10 20	15 30	4 45	16 3	0 47	6 34	0 32	23 15	0 5	10 32	1 3	17 1	0 56	17 7	0 41	W20
T 21	10 41	18 6	4 15	16 37	0 54	6 11	0 36	23 17	0 3	10 37	1 2	17 1	0 56	17 7	0 41	T 21
F 22	11 2	19 47	3 32	17 11	1 1	5 48	0 40	23 19	0 1	10 41	1 2	17 1	0 56	17 7	0 41	F 22
S 23	11 23	20 23	2 36	17 43	1 8	5 25	0 43	23 21	0n 2	10 46	1 2	17 1	0 56	17 7	0 41	S 23
S 24	11 43	19 49	1 30	18 15	1 15	5 1	0 47	23 23	0 4	10 50	1 2	17 1	0 56	17 7	0 41	S 24
M25	12 4	18 2	0 18	18 46	1 21	4 37	0 50	23 25	0 6	10 55	1 2	17 1	0 56	17 7	0 41	M25
T 26	12 24	15 8	0s57	19 16	1 28	4 13	0 54	23 27	0 9	10 59	1 2	17 1	0 56	17 6	0 41	T 26
W27	12 45	11 16	2 9	19 45	1 34	3 49	0 57	23 29	0 11	11 4	1 2	17 0	0 56	17 6	0 41	W27
T 28	13 5	6 42	3 13	20 13	1 41	3 24	1 0	23 32	0 14	11 8	1 2	17 0	0 56	17 6	0 41	T 28
F 29	13 24	1 42	4 5	20 40	1 47	2 59	1 3	23 34	0 16	11 13	1 2	17 0	0 56	17 6	0 41	F 29
S 30	13 44	3n24	4 41	21 6	1 53	2 34	1 6	23 36	0 19	11 17	1 2	17 0	0 56	17 6	0 41	S 30
S 31	14s 3	8n16	4s59	21s31	1s58	2n 9	1n 9	23n39	0n21	11s22	1n 2	16s59	0s56	17s 6	0s41	S 31

Julian Day Number = 2696165.5, Delta T = 25m00s  
Ecliptic obliquity = 23°21'03, Nutation = - 0°00'14  
Ayanamsha: Fagan/Bradley = 34°06'34, Lahiri = 33°13'34

# ASTRODIENST EPHEMERIS for the year 2669

NOVEMBER 2669

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	2 42 22	8♈46'33	18♌47	29♍ 9	28♎24	4♏10	2♐50	15♑38	14♒25	4♓28	24♈49	10°R 8	9♎55	7♏50	29°R50	M 1
T 2	2 46 18	9°46'12	2♈46	0♌31	29°35	4°16	3° 3	15°39	14°25	4♌28	24♌49	9♎56	9°52	7°56	29♌47	T 2
W 3	2 50 15	10°45'52	16°22	1°51	0♌45	4°21	3°16	15°40	14°26	4°27	24°48	9°46	9°49	8° 3	29°44	W 3
T 4	2 54 11	11°45'35	29°31	3°11	1°56	4°26	3°29	15°42	14°26	4°27	24°48	9°39	9°45	8°10	29°41	T 4
F 5	2 58 8	12°45'20	12♌17	4°29	3° 7	4°29	3°42	15°43	14°27	4°26	24°48	9°34	9°42	8°16	29°38	F 5
S 6	3 2 5	13°45'07	24°41	5°47	4°18	4°32	3°55	15°45	14°27	4°26	24°48	9°32	9°39	8°23	29°35	S 6
S 7	3 6 1	14°44'57	6♎47	7° 3	5°29	4°34	4° 8	15°47	14°28	4°26	24°47	9°32	9°36	8°30	29°33	S 7
M 8	3 9 58	15°44'48	18°43	8°17	6°40	4°35	4°21	15°49	14°29	4°26	24°47	9°32	9°33	8°36	29°30	M 8
T 9	3 13 54	16°44'41	0♈32	9°30	7°52	4°R35	4°33	15°51	14°30	4°25	24°47	9°31	9°29	8°43	29°27	T 9
W10	3 17 51	17°44'37	12°20	10°41	9° 3	4°35	4°46	15°53	14°30	4°25	24°46	9°29	9°26	8°50	29°24	W10
T 11	3 21 47	18°44'35	24°13	11°50	10°15	4°33	4°59	15°55	14°31	4°25	24°46	9°24	9°23	8°56	29°21	T 11
F 12	3 25 44	19°44'35	6♌14	12°57	11°26	4°31	5°12	15°57	14°32	4°25	24°46	9°17	9°20	9° 3	29°18	F 12
S 13	3 29 40	20°44'37	18°28	14° 2	12°38	4°27	5°25	15°59	14°33	4°25	24°45	9° 6	9°17	9°10	29°15	S 13
S 14	3 33 37	21°44'40	0♈56	15° 4	13°50	4°23	5°37	16° 2	14°34	4°25	24°45	8°54	9°14	9°16	29°12	S 14
M15	3 37 34	22°44'46	13°39	16° 3	15° 2	4°18	5°50	16° 4	14°35	4°25	24°44	8°41	9°10	9°23	29° 9	M15
T 16	3 41 30	23°44'54	26°38	16°59	16°14	4°12	6° 3	16° 7	14°36	4°D25	24°44	8°28	9° 7	9°30	29° 6	T 16
W17	3 45 27	24°45'03	9♌51	17°51	17°26	4° 5	6°16	16°10	14°38	4°25	24°43	8°16	9° 4	9°36	29° 3	W17
T 18	3 49 23	25°45'15	23°16	18°39	18°38	3°57	6°28	16°12	14°39	4°25	24°43	8° 7	9° 1	9°43	29° 0	T 18
F 19	3 53 20	26°45'28	6♌51	19°23	19°51	3°48	6°41	16°15	14°40	4°25	24°42	8° 1	8°58	9°50	28°57	F 19
S 20	3 57 16	27°45'42	20°35	20° 1	21° 3	3°39	6°53	16°18	14°42	4°25	24°41	7°57	8°55	9°56	28°54	S 20
S 21	4 1 13	28°45'58	4♌26	20°33	22°16	3°28	7° 6	16°22	14°43	4°25	24°41	7°D56	8°51	10° 3	28°51	S 21
M22	4 5 9	29°46'15	18°23	20°59	23°28	3°17	7°19	16°25	14°44	4°25	24°40	7°56	8°48	10°10	28°48	M22
T23	4 9 6	0♌46'34	2♈26	21°18	24°51	3° 5	7°31	16°28	14°46	4°26	24°40	7°R56	8°45	10°16	28°45	T 23
W24	4 13 3	1°46'54	16°34	21°29	25°54	2°52	7°43	16°31	14°47	4°26	24°39	7°55	8°42	10°23	28°42	W24
T25	4 16 59	2°47'15	0♈47	21°R31	27° 7	2°38	7°56	16°35	14°49	4°26	24°38	7°52	8°39	10°30	28°38	T 25
F 26	4 20 56	3°47'38	15° 2	21°24	28°19	2°23	8° 8	16°38	14°51	4°26	24°38	7°47	8°35	10°36	28°35	F 26
S 27	4 24 52	4°48'02	29°15	21° 8	29°32	2° 8	8°21	16°42	14°52	4°27	24°37	7°39	8°32	10°43	28°32	S 27
S 28	4 28 49	5°48'27	13♌22	20°41	0♈45	1°52	8°33	16°46	14°54	4°27	24°36	7°29	8°29	10°50	28°29	S 28
M29	4 32 45	6°48'54	27°18	20° 3	1°59	1°35	8°45	16°49	14°56	4°28	24°35	7°18	8°26	10°56	28°26	M29
T 30	4 36 42	7°49'22	10♈58	19♌16	3♈12	1♌18	8♈57	16°53	14°58	4♌28	24°35	7♎ 8	8♎23	11♎ 3	28♌23	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	14s22	12n35	4s57	21s55	2s 4	1n44	1n12	23n41	0n24	11s26	1n 2	16s59	0s56	17s 6	0s41	10s18
T 2	14 41	16 6	4 37	22 18	2 9	1 19	1 15	23 43	0 27	11 30	1 2	16 58	0 56	17 6	0 41	10 19
W 3	15 0	18 38	4 2	22 39	2 15	0 53	1 18	23 46	0 29	11 35	1 2	16 58	0 56	17 6	0 41	10 19
T 4	15 18	20 6	3 15	23 0	2 19	0 28	1 20	23 49	0 32	11 39	1 2	16 58	0 56	17 5	0 41	10 19
F 5	15 37	20 29	2 19	23 19	2 24	0 2	1 23	23 51	0 35	11 44	1 2	16 57	0 56	17 5	0 41	10 19
S 6	15 54	19 50	1 18	23 38	2 28	0s24	1 25	23 54	0 38	11 48	1 2	16 57	0 56	17 5	0 41	10 19
S 7	16 12	18 16	0 15	23 55	2 32	0 50	1 27	23 57	0 40	11 52	1 2	16 56	0 56	17 5	0 41	10 19
M 8	16 30	15 56	0n49	24 10	2 36	1 16	1 29	23 59	0 43	11 56	1 2	16 55	0 56	17 4	0 41	10 19
T 9	16 47	12 57	1 49	24 25	2 39	1 42	1 32	24 2	0 46	12 1	1 2	16 55	0 56	17 4	0 40	10 19
W10	17 4	9 27	2 44	24 38	2 42	2 8	1 34	24 5	0 49	12 5	1 2	16 54	0 56	17 4	0 40	10 20
T 11	17 20	5 33	3 33	24 50	2 45	2 35	1 36	24 8	0 52	12 9	1 2	16 54	0 56	17 4	0 40	10 20
F 12	17 36	1 25	4 13	25 1	2 46	3 1	1 37	24 11	0 55	12 14	1 2	16 53	0 56	17 3	0 40	10 20
S 13	17 52	2s52	4 42	25 11	2 48	3 27	1 39	24 15	0 58	12 18	1 2	16 52	0 55	17 3	0 40	10 20
S 14	18 8	7 6	4 58	25 19	2 49	3 53	1 41	24 18	1 1	12 22	1 2	16 51	0 55	17 3	0 40	10 20
M15	18 23	11 6	5 0	25 25	2 49	4 20	1 42	24 21	1 4	12 26	1 2	16 51	0 55	17 2	0 40	10 20
T 16	18 38	14 41	4 46	25 31	2 48	4 46	1 44	24 24	1 7	12 30	1 3	16 50	0 55	17 2	0 40	10 20
W17	18 53	17 36	4 17	25 34	2 47	5 12	1 45	24 28	1 10	12 34	1 3	16 49	0 55	17 2	0 40	10 20
T 18	19 8	19 38	3 33	25 36	2 45	5 38	1 46	24 31	1 14	12 39	1 3	16 48	0 55	17 1	0 40	10 20
F 19	19 22	20 34	2 37	25 37	2 42	6 4	1 48	24 34	1 17	12 43	1 3	16 47	0 55	17 1	0 40	10 20
S 20	19 35	20 17	1 31	25 36	2 38	6 30	1 49	24 38	1 20	12 47	1 3	16 46	0 55	17 0	0 40	10 20
S 21	19 49	18 47	0 19	25 34	2 33	6 56	1 50	24 41	1 23	12 51	1 3	16 45	0 55	17 0	0 40	10 19
M22	20 2	16 8	0s55	25 29	2 27	7 22	1 50	24 45	1 26	12 55	1 3	16 44	0 55	16 59	0 40	10 19
T23	20 14	12 32	2 7	25 23	2 20	7 48	1 51	24 48	1 29	12 59	1 3	16 43	0 55	16 59	0 40	10 19
W24	20 26	8 12	3 10	25 15	2 11	8 14	1 52	24 52	1 33	13 3	1 3	16 42	0 55	16 59	0 40	10 19
T25	20 38	3 24	4 3	25 5	2 1	8 39	1 53	24 55	1 36	13 7	1 3	16 41	0 55	16 58	0 40	10 19
F 26	20 50	1n35	4 40	24 53	1 49	9 5	1 53	24 59	1 39	13 11	1 3	16 40	0 55	16 58	0 40	10 19
S 27	21 1	6 28	5 0	24 39	1 36	9 30	1 53	25 2	1 42	13 14	1 3	16 39	0 55	16 57	0 40	10 19
S 28	21 12	10 59	5 2	24 22	1 21	9 55	1 54	25 5	1 45	13 18	1 3	16 38	0 55	16 57	0 40	10 19
M29	21 22	14 51	4 46	24 4	1 5	10 20	1 54	25 9	1 48	13 22	1 3	16 37	0 55	16 56	0 40	10 18
T 30	21s32	17n50	4s13	23s42	0s47	10s45	1n54	25n12	1n52	13s26	1n 3	16s36	0s55	16s55	0s40	10s18

Julian Day Number = 2696196.5, Delta T = 25m00s  
 Ecliptic obliquity = 23°21'03, Nutation = - 0°00'15  
 Ayanamsha: Fagan/Bradley = 34°06'38, Lahiri = 33°13'38

## ASTRODIENST EPHEMERIS for the year 2669

DECEMBER 2669

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	4 40 38	8°49'52	24°12'21	18°R18	4°M25	1°R 0	9°M 9	16°57	14°59	4°29	24°R34	7°R 0	8°20	11°10	28°R20	W 1
T 2	4 44 35	9°50'23	7°22	17°12	5°38	0°541	9°21	17° 1	15° 1	4°29	24°33	6°53	8°16	11°16	28°17	T 2
F 3	4 48 32	10°50'57	20° 4	15°58	6°52	0°21	9°33	17° 5	15° 3	4°30	24°32	6°49	8°13	11°23	28°15	F 3
S 4	4 52 28	11°51'31	2°26	14°39	8° 5	0° 2	9°45	17°10	15° 5	4°30	24°31	6°D48	8°10	11°30	28°12	S 4
S 5	4 56 25	12°52'07	14°34	13°17	9°19	29°11	9°57	17°14	15° 7	4°31	24°30	6°48	8° 7	11°36	28° 9	S 5
M 6	5 0 21	13°52'45	26°30	11°56	10°32	29°20	10° 9	17°18	15° 9	4°32	24°29	6°49	8° 4	11°43	28° 6	M 6
T 7	5 4 18	14°53'25	8°10	10°36	11°46	28°59	10°21	17°23	15°11	4°32	24°29	6°50	8° 1	11°50	28° 3	T 7
W 8	5 8 14	15°54'06	20° 9	9°22	12°59	28°37	10°33	17°27	15°14	4°33	24°28	6°R50	7°57	11°56	28° 0	W 8
T 9	5 12 11	16°54'48	2° 3	8°16	14°13	28°15	10°45	17°32	15°16	4°34	24°27	6°49	7°54	12° 3	27°57	T 9
F 10	5 16 7	17°55'32	14° 6	7°19	15°27	27°53	10°56	17°36	15°18	4°35	24°26	6°45	7°51	12°10	27°54	F 10
S 11	5 20 4	18°56'18	26°23	6°32	16°41	27°30	11° 8	17°41	15°20	4°36	24°25	6°40	7°48	12°16	27°52	S 11
S 12	5 24 1	19°57'05	8°M58	5°57	17°55	27° 7	11°19	17°46	15°23	4°37	24°24	6°32	7°45	12°23	27°49	S 12
M13	5 27 57	20°57'53	21°52	5°33	19° 9	26°44	11°31	17°51	15°25	4°37	24°23	6°24	7°41	12°30	27°46	M13
T 14	5 31 54	21°58'43	5° 6	5°21	20°23	26°21	11°42	17°56	15°27	4°38	24°22	6°16	7°38	12°36	27°43	T 14
W15	5 35 50	22°59'34	18°39	5°D19	21°37	25°58	11°53	18° 1	15°30	4°39	24°21	6° 8	7°35	12°43	27°41	W15
T 16	5 39 47	24° 0'26	2°38	5°28	22°51	25°35	12° 5	18° 6	15°32	4°40	24°20	6° 3	7°32	12°50	27°38	T 16
F 17	5 43 43	25° 1'19	16°30	5°47	24° 5	25°12	12°16	18°11	15°35	4°41	24°19	5°59	7°29	12°56	27°35	F 17
S 18	5 47 40	26° 2'13	0°41	6°14	25°19	24°49	12°27	18°16	15°37	4°43	24°18	5°D57	7°26	13° 3	27°33	S 18
S 19	5 51 37	27° 3'08	14°56	6°48	26°33	24°26	12°38	18°22	15°40	4°44	24°16	5°57	7°22	13°10	27°30	S 19
M20	5 55 33	28° 4'03	29°11	7°30	27°47	24° 4	12°49	18°27	15°42	4°45	24°15	5°59	7°19	13°16	27°28	M20
T 21	5 59 30	29° 4'59	13°25	8°18	29° 2	23°41	13° 0	18°32	15°45	4°46	24°14	6° 0	7°16	13°23	27°25	T 21
W22	6 3 26	0°5'56	27°35	9°11	0°16	23°19	13°10	18°38	15°48	4°47	24°13	6°R 1	7°13	13°30	27°23	W22
T 23	6 7 23	1° 6'53	11°39	10° 9	1°30	22°58	13°21	18°44	15°50	4°48	24°12	6° 0	7°10	13°36	27°20	T 23
F 24	6 11 19	2° 7'51	25°37	11°11	2°44	22°37	13°32	18°49	15°53	4°50	24°11	5°58	7° 6	13°43	27°18	F 24
S 25	6 15 16	3° 8'49	9°26	12°16	3°59	22°16	13°42	18°55	15°56	4°51	24°10	5°55	7° 3	13°50	27°16	S 25
S 26	6 19 12	4° 9'48	23° 5	13°25	5°13	21°56	13°53	19° 0	15°59	4°52	24° 9	5°50	7° 0	13°56	27°13	S 26
M27	6 23 9	5°10'47	6°13	14°37	6°28	21°36	14° 3	19° 6	16° 2	4°54	24° 7	5°45	6°57	14° 3	27°11	M27
T 28	6 27 6	6°11'47	19°48	15°51	7°42	21°17	14°13	19°12	16° 5	4°55	24° 6	5°40	6°54	14°10	27° 9	T 28
W29	6 31 2	7°12'47	2°48	17° 7	8°57	20°58	14°23	19°18	16° 7	4°56	24° 5	5°36	6°51	14°16	27° 7	W29
T 30	6 34 59	8°13'48	15°34	18°24	10°11	20°40	14°33	19°24	16°10	4°58	24° 4	5°33	6°47	14°23	27° 5	T 30
F 31	6 38 55	9°14'50	28° 4	19°44	11°26	20°11	14°43	19°30	16°13	4°59	24° 3	5°31	6°44	14°30	27° 3	F 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
W 1	21s42	19n47	3s27	23s19	0s29	11s 9	1n54	25n15	1n55	13s30	1n 3	16s34	0s55	16s55	0s40	10s18
T 2	21 51	20 38	2 31	22 53	0 9	11 33	1 54	25 19	1 58	13 33	1 3	16 33	0 55	16 54	0 40	10 18
F 3	21 59	20 24	1 29	22 25	0n11	11 57	1 54	25 22	2 1	13 37	1 3	16 32	0 55	16 54	0 40	10 18
S 4	22 8	19 10	0 23	21 57	0 32	12 21	1 54	25 25	2 4	13 41	1 3	16 31	0 55	16 53	0 40	10 17
S 5	22 15	17 4	0n42	21 27	0 52	12 45	1 54	25 28	2 7	13 45	1 3	16 29	0 55	16 52	0 40	10 17
M 6	22 23	14 16	1 44	20 57	1 11	13 8	1 53	25 31	2 10	13 48	1 3	16 28	0 55	16 52	0 40	10 17
T 7	22 30	10 55	2 42	20 29	1 29	13 31	1 53	25 33	2 13	13 52	1 4	16 27	0 55	16 51	0 40	10 17
W 8	22 36	7 8	3 32	20 2	1 46	13 54	1 52	25 36	2 15	13 55	1 4	16 25	0 55	16 51	0 40	10 16
T 9	22 43	3 4	4 14	19 37	2 0	14 16	1 52	25 39	2 18	13 59	1 4	16 24	0 55	16 50	0 40	10 16
F 10	22 48	1s10	4 45	19 16	2 13	14 38	1 51	25 41	2 21	14 3	1 4	16 22	0 55	16 49	0 40	10 16
S 11	22 54	5 26	5 3	18 59	2 23	15 0	1 50	25 43	2 24	14 6	1 4	16 21	0 55	16 48	0 40	10 15
S 12	22 58	9 34	5 8	18 45	2 30	15 21	1 49	25 45	2 26	14 9	1 4	16 19	0 55	16 48	0 40	10 15
M13	23 3	13 23	4 57	18 35	2 36	15 42	1 48	25 47	2 29	14 13	1 4	16 18	0 55	16 47	0 40	10 15
T 14	23 7	16 38	4 30	18 29	2 40	16 3	1 47	25 49	2 31	14 16	1 4	16 16	0 55	16 46	0 40	10 14
W15	23 10	19 5	3 48	18 27	2 42	16 23	1 46	25 51	2 33	14 20	1 4	16 15	0 55	16 46	0 39	10 14
T 16	23 13	20 28	2 52	18 28	2 42	16 43	1 45	25 52	2 36	14 23	1 4	16 13	0 55	16 45	0 39	10 14
F 17	23 15	20 37	1 44	18 33	2 41	17 3	1 44	25 54	2 38	14 26	1 4	16 12	0 55	16 44	0 39	10 13
S 18	23 17	19 28	0 29	18 40	2 39	17 22	1 43	25 55	2 40	14 30	1 4	16 10	0 55	16 43	0 39	10 13
S 19	23 19	17 4	0s49	18 49	2 35	17 40	1 41	25 56	2 42	14 33	1 4	16 9	0 55	16 43	0 39	10 13
M20	23 20	13 38	2 3	19 0	2 31	17 58	1 40	25 57	2 44	14 36	1 5	16 7	0 55	16 42	0 39	10 12
T 21	23 21	9 25	3 10	19 12	2 26	18 16	1 38	25 58	2 46	14 39	1 5	16 5	0 55	16 41	0 39	10 12
W22	23 21	4 42	4 5	19 26	2 20	18 33	1 37	25 58	2 48	14 42	1 5	16 4	0 55	16 40	0 39	10 11
T 23	23 21	0n13	4 45	19 41	2 14	18 50	1 35	25 59	2 49	14 45	1 5	16 2	0 55	16 39	0 39	10 11
F 24	23 20	5 6	5 7	19 56	2 7	19 6	1 33	25 59	2 51	14 48	1 5	16 0	0 55	16 38	0 39	10 10
S 25	23 19	9 39	5 11	20 12	2 0	19 22	1 32	26 0	2 52	14 51	1 5	15 58	0 55	16 38	0 39	10 10
S 26	23 17	13 40	4 58	20 27	1 53	19 37	1 30	26 0	2 54	14 54	1 5	15 57	0 55	16 37	0 39	10 9
M27	23 15	16 55	4 28	20 43	1 45	19 52	1 28	26 0	2 55	14 57	1 5	15 55	0 55	16 36	0 39	10 9
T 28	23 12	19 14	3 45	20 59	1 38	20 6	1 26	26 0	2 56	15 0	1 5	15 53	0 55	16 35	0 39	10 8
W29	23 9	20 29	2 50	21 15	1 30	20 19	1 24	26 0	2 58	15 3	1 5	15 51	0 55	16 34	0 39	10 8
T 30	23 6	20 40	1 47	21 30	1 22	20 32	1 22	26 0	2 59	15 6	1 6	15 49	0 55	16 33	0 39	10 7
F 31	23s 2	19n48	0s41	21s44	1n14	20s45	1n20	25n59	3n 0	15s 9	1n 6	15s47	0s55	16s32	0s39	10s 7

Julian Day Number = 2696226.5, Delta T = 25m01s

Ecliptic obliquity = 23°21'02, Nutation = - 0°00'15

Ayanamsha: Fagan/Bradley = 34°06'42, Lahiri = 33°13'42

## ASTRODIENST EPHEMERIS for the year 2670

JANUARY 2670

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 42 52	10°15'52	10°20	21°5 5	12°27 40	20°R 6	14°15 53	19°36 36	16°16 16	5°1 1	24°R 1	5°D31	6°24 1	14°17 36	27°R 0	S 1
S 2	6 46 48	11°16'55	22°25	22°27	13°55	19°11 51	15° 3	19°42	16°19	5° 2	24°R 0	5°D32	6°38	14°43	26°R 59	S 2
M 3	6 50 45	12°17'59	4°17 20	23°50	15°10	19°35	15°13	19°48	16°22	5° 4	23°59	5°34	6°35	14°50	26°57	M 3
T 4	6 54 41	13°19'03	16°10	25°15	16°24	19°21	15°22	19°54	16°25	5° 5	23°58	5°35	6°32	14°56	26°55	T 4
W 5	6 58 38	14°20'08	28° 0	26°40	17°39	19° 7	15°32	20° 1	16°29	5° 7	23°56	5°37	6°28	15° 3	26°53	W 5
T 6	7 2 35	15°21'13	9°25 53	28° 6	18°54	18°54	15°41	20° 7	16°32	5° 8	23°55	5°38	6°25	15°10	26°51	T 6
F 7	7 6 31	16°22'19	21°55	29°32	20° 8	18°42	15°50	20°13	16°35	5°10	23°54	5°R38	6°22	15°16	26°49	F 7
S 8	7 10 28	17°23'26	4°11 10	0°35 9	21°23	18°31	15°59	20°20	16°38	5°12	23°53	5°37	6°19	15°23	26°48	S 8
S 9	7 14 24	18°24'33	16°43	2°27	22°38	18°20	16° 8	20°26	16°41	5°13	23°52	5°35	6°16	15°30	26°46	S 9
M10	7 18 21	19°25'40	29°38	3°56	23°53	18°10	16°17	20°33	16°44	5°15	23°50	5°33	6°12	15°36	26°45	M10
T 11	7 22 17	20°26'48	12°27 57	5°24	25° 7	18° 1	16°26	20°39	16°48	5°17	23°49	5°31	6° 9	15°43	26°43	T 11
W12	7 26 14	21°27'57	26°40	6°54	26°22	17°53	16°35	20°46	16°51	5°19	23°48	5°29	6° 6	15°50	26°42	W12
T 13	7 30 10	22°29'06	10°34 5	8°24	27°37	17°46	16°43	20°52	16°54	5°20	23°47	5°27	6° 3	15°57	26°40	T 13
F 14	7 34 7	23°30'14	25° 9	9°54	28°52	17°39	16°52	20°59	16°57	5°22	23°45	5°26	6° 0	16° 3	26°39	F 14
S 15	7 38 4	24°31'23	9°24 46	11°25	0°3 7	17°34	17° 0	21° 5	17° 1	5°24	23°44	5°D26	5°57	16°10	26°38	S 15
S 16	7 42 0	25°32'32	24°30	12°56	1°22	17°29	17° 8	21°12	17° 4	5°26	23°43	5°27	5°53	16°17	26°36	S 16
M17	7 45 57	26°33'40	9°13 13	14°27	2°37	17°25	17°16	21°19	17° 7	5°28	23°41	5°27	5°50	16°23	26°35	M17
T 18	7 49 53	27°34'48	23°50	15°59	3°51	17°22	17°24	21°26	17°11	5°30	23°40	5°28	5°47	16°30	26°34	T 18
W19	7 53 50	28°35'56	8°16 16	17°32	5° 6	17°19	17°32	21°32	17°14	5°31	23°39	5°29	5°44	16°37	26°33	W19
T 20	7 57 46	29°37'03	22°27	19° 4	6°21	17°18	17°39	21°39	17°17	5°33	23°38	5°29	5°41	16°43	26°32	T 20
F 21	8 1 43	0°38'10	6°21 21	20°38	7°36	17°D17	17°47	21°46	17°21	5°35	23°36	5°R29	5°38	16°50	26°31	F 21
S 22	8 5 39	1°39'16	19°58	22°11	8°51	17°17	17°54	21°53	17°24	5°37	23°35	5°29	5°34	16°57	26°30	S 22
S 23	8 9 36	2°40'22	3°11 19	23°45	10° 6	17°18	18° 2	22° 0	17°28	5°39	23°34	5°29	5°31	17° 3	26°29	S 23
M24	8 13 33	3°41'27	16°24	25°20	11°21	17°20	18° 9	22° 7	17°31	5°41	23°33	5°28	5°28	17°10	26°29	M24
T 25	8 17 29	4°42'31	29°15	26°55	12°36	17°22	18°16	22°14	17°34	5°43	23°32	5°28	5°25	17°17	26°28	T 25
W26	8 21 26	5°43'36	11°25 52	28°30	13°51	17°25	18°23	22°21	17°38	5°45	23°30	5°D28	5°22	17°23	26°27	W26
T 27	8 25 22	6°44'39	24°18	0°2 6	15° 6	17°29	18°29	22°28	17°41	5°47	23°29	5°28	5°18	17°30	26°27	T 27
F 28	8 29 19	7°45'42	6°23 33	1°43	16°21	17°33	18°36	22°35	17°45	5°49	23°28	5°R28	5°15	17°37	26°26	F 28
S 29	8 33 15	8°46'45	18°40	3°20	17°36	17°39	18°42	22°42	17°48	5°51	23°27	5°28	5°12	17°43	26°26	S 29
S 30	8 37 12	9°47'47	0°17 38	4°57	18°51	17°44	18°48	22°49	17°52	5°54	23°25	5°28	5° 9	17°50	26°25	S 30
M31	8 41 8	10°48'48	12°17 31	6°23 35	20°3 6	17°11 51	18°15 54	22°56 56	17°55 55	5°15 56	23°24 24	5°27 27	5°2 6	17°57 57	26°25 25	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	22s57	18n 1	0n27	21s58	1n 5	20s57	1n18	25n59	3n 0	15s12	1n 6	15s45	0s55	16s31	0s39	10s 6	0s30	19n28	1s47	18n49	18n32	8n58	16n 1	3s30			
S 2	22 52	15 26	1 32	22 11	0 57	21 8	1 16	25 59	3 1	15 14	1 6	15 44	0 55	16 31	0 39	10 6	0 30	19 29	1 47	18 49	18 33	8 56	16 0	3 30			
M 3	22 47	12 15	2 32	22 23	0 49	21 18	1 14	25 58	3 2	15 17	1 6	15 42	0 55	16 30	0 39	10 5	0 30	19 29	1 47	18 49	18 34	8 54	16 0	3 30			
T 4	22 41	8 36	3 26	22 35	0 41	21 28	1 11	25 58	3 3	15 20	1 6	15 40	0 55	16 29	0 39	10 5	0 30	19 29	1 47	18 48	18 34	8 52	16 0	3 30			
W 5	22 35	4 38	4 11	22 45	0 33	21 38	1 9	25 57	3 3	15 22	1 6	15 38	0 55	16 28	0 39	10 4	0 30	19 29	1 47	18 48	18 35	8 50	15 59	3 30			
T 6	22 28	0 28	4 45	22 55	0 25	21 47	1 7	25 56	3 4	15 25	1 6	15 36	0 55	16 27	0 39	10 3	0 30	19 30	1 47	18 48	18 36	8 48	15 59	3 29			
F 7	22 21	3s45	5 7	23 3	0 18	21 55	1 4	25 56	3 4	15 27	1 7	15 34	0 55	16 26	0 39	10 3	0 30	19 30	1 46	18 48	18 37	8 46	15 59	3 29			
S 8	22 13	7 54	5 16	23 11	0 10	22 2	1 2	25 55	3 5	15 30	1 7	15 32	0 55	16 25	0 39	10 2	0 30	19 30	1 46	18 48	18 38	8 44	15 58	3 29			
S 9	22 5	11 49	5 10	23 17	0 2	22 9	1 0	25 55	3 5	15 32	1 7	15 30	0 55	16 24	0 39	10 2	0 30	19 30	1 46	18 48	18 38	8 42	15 58	3 29			
M10	21 57	15 18	4 49	23 23	0s 5	22 15	0 57	25 54	3 5	15 35	1 7	15 28	0 55	16 23	0 39	10 1	0 30	19 31	1 46	18 49	18 39	8 40	15 58	3 29			
T 11	21 48	18 7	4 11	23 27	0 12	22 21	0 55	25 53	3 5	15 37	1 7	15 26	0 55	16 22	0 39	10 0	0 30	19 31	1 46	18 49	18 40	8 38	15 58	3 29			
W12	21 39	20 0	3 19	23 30	0 20	22 26	0 52	25 53	3 5	15 39	1 7	15 24	0 55	16 21	0 39	10 0	0 30	19 31	1 46	18 50	18 41	8 36	15 57	3 29			
T 13	21 29	20 43	2 13	23 32	0 27	22 30	0 50	25 52	3 5	15 42	1 7	15 22	0 55	16 20	0 39	9 59	0 30	19 31	1 46	18 50	18 41	8 34	15 57	3 29			
F 14	21 19	20 6	0 57	23 32	0 34	22 34	0 47	25 51	3 5	15 44	1 8	15 20	0 55	16 19	0 39	9 58	0 30	19 32	1 46	18 50	18 42	8 32	15 57	3 29			
S 15	21 8	18 7	0s24	23 32	0 40	22 36	0 45	25 51	3 5	15 46	1 8	15 17	0 55	16 18	0 39	9 58	0 30	19 32	1 46	18 50	18 43	8 30	15 57	3 29			
S 16	20 57	14 56	1 44	23 30	0 47	22 39	0 42	25 50	3 5	15 48	1 8	15 15	0 55	16 17	0 39	9 57	0 30	19 32	1 46	18 50	18 44	8 28	15 57	3 28			
M17	20 46	10 49	2 57	23 27	0 53	22 40	0 39	25 50	3 5	15 50	1 8	15 13	0 55	16 16	0 39	9 56	0 30	19 33	1 46	18 50	18 45	8 26	15 56	3 28			
T 18	20 34	6 5	3 58	23 23	0 59	22 41	0 37	25 49	3 5	15 52	1 8	15 11	0 56	16 15	0 39	9 56	0 30	19 33	1 46	18 50	18 45	8 24	15 56	3 28			
W19	20 22	1 4	4 43	23 17	1 5	22 41	0 34	25 49	3 5	15 54	1 8	15 9	0 56	16 14	0 39	9 55	0 30	19 33	1 46	18 50	18 46	8 22	15 56	3 28			
T 20	20 9	3n55	5 9	23 10	1 11	22 40	0 31	25 48	3 4	15 56	1 8	15 7	0 56	16 13	0 39	9 54	0 30	19 33	1 46	18 50	18 47	8 20	15 56	3 28			
F 21	19 56	8 35	5 18	23 2	1 16	22 39	0 29	25 48	3 4	15 58	1 9	15 5	0 56	16 12	0 39	9 54	0 30	19 34	1 46	18 50	18 48	8 18	15 56	3 28			
S 22	19 43	12 43	5 8	22 52	1 21	22 37	0 26	25 47	3 4	16 0	1 9	15 2	0 56	16 11	0 39	9 53	0 30	19 34	1 46	18 50	18 48	8 17	15 56	3 28			
S 23	19 29	16 8	4 41	22 41	1 26	22 35	0 24	25 47	3 3	16 2	1 9	15 0	0 56	16 10	0 39	9 52	0 30	19 34	1 46	18 50	18 49	8 15	15 56	3 28			
M24	19 15	18 40	4 0	22 29	1 31	22 31	0 21	25 47	3 3	16 4	1 9	14 58	0 56	16 9	0 39	9 51	0 30	19 34	1 45	18 50	18 50	8 13	15 56	3 28			
T 25	19 1	20 13	3 8	22 16	1 36	22 27	0 18	25 47	3 2	16 6	1 9	14 56	0 56	16 8	0 39	9 51	0 30	19 35	1 45	18 50	18 51	8 11	15 56	3 27			
W26	18 46	20 42	2 7	22 1	1 40	22 23	0 15	25 46	3 2	16 7	1 9	14 54	0 56	16 7	0 39	9 50	0 30	19 35	1 45	18 50	18 52	8 9	15 56	3 27			
T 27	18 31	20 10	1 2	21 45	1 44	22 17	0 13	25 46	3 1	16 9	1 9	14 51	0 56	16 6	0 39	9 49	0 30	19 35	1 45	18 50	18 52	8 7	15 56	3 27			
F 28	18 16	18 40	0n 6	21 27	1 47	22 11	0 10	25 46	3 1	16 11	1 10	14 49	0 56	16 4	0 39	9 48	0 30	19 36	1 45	18 50	18 53	8 5	15 56	3 27			
S 29	18 0	16 20	1 13	21 8	1 51	22 4	0 7	25 46	3 0	16 12	1 10	14 47	0 56	16 3	0 39	9 48	0 30	19 36	1 45	18 50	18 54	8 3	15 56	3 27			
S 30	17 44	13 19	2 15	20 48	1 54	21 57	0 5	25 46	3 0	16 14	1 10	14 45	0 56	16 2	0 39	9 47	0 30	19 36	1 45	18 50	18 55	8 0	15 56	3 27			
M31	17s27	9n47	3n12	20s26	1s57	21s49	0n 2	25n46	2n59	16s15	1n10	14s42	0s56	16s 1	0s39	9s46	0s30	19n36	1s45	18n50	18n55	7n58	15n56	3s27			

# ASTRODIENST EPHEMERIS for the year 2670

FEBRUARY 2670

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 45 5	11°49'49"	24°21'	8°14'	21°21'	17°11'58"	19°00'	23°33'	17°55'59"	5°58'	23°R23	5°R26	5°03'	18°03'	26°R25	T 1
W 2	8 49 2	12°50'49"	6°11'	9°53'	22°36'	18°06'	19°06'	23°10'	18°02'	6°00'	23°02'	5°025	4°59'	18°10'	26°R25	W 2
T 3	8 52 58	13°51'50"	18°04'	11°33'	23°51'	18°15'	19°12'	23°17'	18°06'	6°02'	23°21'	5°24'	4°56'	18°17'	26°25	T 3
F 4	8 56 55	14°52'49"	0°05'	13°14'	25°06'	18°24'	19°17'	23°24'	18°09'	6°04'	23°20'	5°24'	4°53'	18°23'	26°25	F 4
S 5	9 0 51	15°53'48"	12°17'	14°55'	26°21'	18°34'	19°23'	23°31'	18°13'	6°06'	23°18'	5°D23	4°50'	18°30'	26°D25	S 5
S 6	9 4 48	16°54'47"	24°45'	16°36'	27°36'	18°44'	19°28'	23°38'	18°16'	6°08'	23°17'	5°23'	4°47'	18°37'	26°25	S 6
M 7	9 8 44	17°55'45"	7°34'	18°19'	28°51'	18°55'	19°33'	23°45'	18°20'	6°11'	23°16'	5°24'	4°44'	18°44'	26°25	M 7
T 8	9 12 41	18°56'43"	20°47'	20°02'	0°00'6"	19°07'	19°38'	23°53'	18°23'	6°13'	23°15'	5°25'	4°40'	18°50'	26°25	T 8
W 9	9 16 37	19°57'40"	4°32'6"	21°45'	1°21'	19°19'	19°42'	24°00'	18°27'	6°15'	23°14'	5°26'	4°37'	18°57'	26°25	W 9
T 10	9 20 34	20°58'36"	18°32'	23°29'	2°36'	19°31'	19°47'	24°07'	18°30'	6°17'	23°13'	5°27'	4°34'	19°04'	26°25	T 10
F 11	9 24 31	21°59'32"	3°33'	25°14'	3°51'	19°45'	19°51'	24°14'	18°34'	6°19'	23°12'	5°R28	4°31'	19°10'	26°26	F 11
S 12	9 28 27	23°00'27"	17°55'	27°00'	5°06'	19°58'	19°55'	24°21'	18°37'	6°22'	23°11'	5°27'	4°28'	19°17'	26°26	S 12
S 13	9 32 24	24°01'21"	2°38'59"	28°46'	6°21'	20°13'	19°59'	24°28'	18°41'	6°24'	23°10'	5°26'	4°24'	19°24'	26°27	S 13
M14	9 36 20	25°02'13"	18°08'	0°32'32"	7°36'	20°27'	20°03'	24°36'	18°44'	6°26'	23°09'	5°24'	4°21'	19°30'	26°27	M14
T 15	9 40 17	26°03'05"	3°30'10"	2°19'	8°51'	20°43'	20°07'	24°43'	18°48'	6°28'	23°08'	5°21'	4°18'	19°37'	26°28	T 15
W16	9 44 13	27°03'55"	17°59'	4°06'	10°06'	20°58'	20°10'	24°50'	18°51'	6°31'	23°06'	5°18'	4°15'	19°44'	26°29	W16
T 17	9 48 10	28°04'43"	2°32'7"	5°54'	11°21'	21°15'	20°13'	24°57'	18°55'	6°33'	23°05'	5°16'	4°12'	19°50'	26°29	T 17
F 18	9 52 6	29°05'31"	16°30'	7°42'	12°36'	21°31'	20°17'	25°04'	18°58'	6°35'	23°04'	5°14'	4°09'	19°57'	26°30	F 18
S 19	9 56 3	0°30'16"	0°11'9"	9°30'	13°51'	21°49'	20°19'	25°11'	19°02'	6°37'	23°04'	5°D14	4°05'	20°04'	26°31	S 19
S 20	10 0 0	1°07'01"	13°24'	11°18'	15°06'	22°06'	20°22'	25°19'	19°05'	6°40'	23°03'	5°14'	4°02'	20°10'	26°32	S 20
M21	10 3 56	2°07'44"	26°18'	13°05'	16°21'	22°24'	20°25'	25°26'	19°09'	6°42'	23°02'	5°16'	3°59'	20°17'	26°33	M21
T 22	10 7 53	3°08'25"	8°05'54"	14°52'	17°36'	22°43'	20°27'	25°33'	19°12'	6°44'	23°01'	5°17'	3°56'	20°24'	26°34	T 22
W23	10 11 49	4°09'05"	21°15'	16°38'	18°51'	23°01'	20°29'	25°40'	19°16'	6°47'	23°00'	5°19'	3°53'	20°30'	26°35	W23
T 24	10 15 46	5°09'43"	3°02'26"	18°23'	20°06'	23°21'	20°31'	25°47'	19°19'	6°49'	22°59'	5°R20	3°50'	20°37'	26°36	T 24
F 25	10 19 42	6°10'19"	15°28'	20°07'	21°21'	23°40'	20°33'	25°54'	19°22'	6°51'	22°58'	5°19'	3°46'	20°44'	26°38	F 25
S 26	10 23 39	7°10'55"	27°24'	21°49'	22°36'	24°00'	20°35'	26°01'	19°26'	6°53'	22°57'	5°17'	3°43'	20°51'	26°39	S 26
S 27	10 27 35	8°11'28"	9°17'17"	23°29'	23°51'	24°21'	20°36'	26°08'	19°29'	6°56'	22°56'	5°13'	3°40'	20°57'	26°40	S 27
M28	10 31 32	9°12'00"	21°17'07"	25°38'6"	25°58'6"	24°11'42"	20°38'38"	26°15'15"	19°33'33"	6°58'58"	22°55'55"	5°08'08"	3°40'37"	21°17'46"	26°42	M28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	17s11	5n54	3n59	20s 3	1s59	21s40	0s 0	25n46	2n58	16s17	1n10	14s40	0s56	16s 0	0s39	9s45
W 2	16 54	1 48	4 37	19 39	2 1	21 31	0 3	25 46	2 58	16 18	1 10	14 38	0 56	15 59	0 39	9 45
T 3	16 36	2s23	5 3	19 13	2 3	21 21	0 6	25 46	2 57	16 20	1 11	14 36	0 56	15 58	0 39	9 44
F 4	16 19	6 31	5 16	18 46	2 4	21 10	0 8	25 46	2 56	16 21	1 11	14 33	0 56	15 57	0 39	9 43
S 5	16 1	10 28	5 15	18 18	2 5	20 59	0 11	25 47	2 56	16 22	1 11	14 31	0 56	15 56	0 39	9 42
S 6	15 43	14 3	4 59	17 48	2 6	20 47	0 13	25 47	2 55	16 23	1 11	14 29	0 56	15 55	0 39	9 41
M 7	15 24	17 4	4 29	17 17	2 6	20 35	0 16	25 47	2 54	16 24	1 11	14 26	0 56	15 54	0 39	9 41
T 8	15 5	19 19	3 43	16 44	2 6	20 21	0 18	25 47	2 54	16 26	1 12	14 24	0 56	15 53	0 39	9 40
W 9	14 46	20 33	2 44	16 11	2 5	20 8	0 21	25 48	2 53	16 27	1 12	14 22	0 56	15 52	0 39	9 39
T 10	14 27	20 33	1 32	15 35	2 4	19 53	0 23	25 48	2 52	16 28	1 12	14 19	0 57	15 51	0 39	9 38
F 11	14 8	19 11	0 13	14 59	2 2	19 38	0 26	25 48	2 51	16 29	1 12	14 17	0 57	15 49	0 39	9 37
S 12	13 48	16 29	1s 8	14 21	2 0	19 23	0 28	25 48	2 50	16 30	1 12	14 15	0 57	15 48	0 39	9 37
S 13	13 28	12 39	2 26	13 42	1 58	19 7	0 31	25 49	2 50	16 31	1 12	14 12	0 57	15 47	0 39	9 36
M14	13 8	7 58	3 34	13 2	1 54	18 50	0 33	25 49	2 49	16 31	1 13	14 10	0 57	15 46	0 39	9 35
T 15	12 47	2 50	4 27	12 20	1 51	18 33	0 35	25 49	2 48	16 32	1 13	14 8	0 57	15 45	0 39	9 34
W16	12 27	2n23	5 1	11 37	1 46	18 15	0 38	25 50	2 47	16 33	1 13	14 5	0 57	15 44	0 39	9 33
T 17	12 6	7 21	5 15	10 53	1 42	17 57	0 40	25 50	2 46	16 34	1 13	14 3	0 57	15 43	0 39	9 33
F 18	11 45	11 46	5 9	10 8	1 36	17 38	0 42	25 50	2 46	16 34	1 13	14 1	0 57	15 42	0 39	9 32
S 19	11 24	15 27	4 46	9 22	1 30	17 19	0 44	25 50	2 45	16 35	1 14	13 58	0 57	15 41	0 39	9 31
S 20	11 2	18 13	4 8	8 35	1 23	16 59	0 46	25 51	2 44	16 35	1 14	13 56	0 57	15 40	0 39	9 30
M21	10 41	20 0	3 18	7 47	1 16	16 39	0 48	25 51	2 43	16 36	1 14	13 54	0 57	15 39	0 39	9 29
T 22	10 19	20 43	2 20	6 59	1 8	16 18	0 50	25 51	2 42	16 36	1 14	13 51	0 57	15 38	0 39	9 28
W23	9 57	20 25	1 17	6 10	0 59	15 57	0 52	25 51	2 42	16 37	1 14	13 49	0 57	15 37	0 39	9 28
T 24	9 35	19 9	0 10	5 20	0 50	15 35	0 54	25 52	2 41	16 37	1 14	13 47	0 58	15 36	0 39	9 27
F 25	9 13	17 1	0n55	4 30	0 39	15 13	0 56	25 52	2 40	16 37	1 15	13 44	0 58	15 35	0 39	9 26
S 26	8 51	14 11	1 58	3 40	0 29	14 51	0 58	25 52	2 39	16 38	1 15	13 42	0 58	15 33	0 39	9 25
S 27	8 28	10 46	2 55	2 51	0 17	14 28	1 0	25 52	2 38	16 38	1 15	13 40	0 58	15 32	0 39	9 24
M28	8s 5	6n56	3n44	2s 1	0s 5	14s 4	1s 2	25n52	2n38	16s38	1n15	13s38	0s58	15s31	0s39	9s23

Julian Day Number = 2696288.5, Delta T = 25m01s  
 Ecliptic obliquity = 23°21'03", Nutation = - 0°00'13"  
 Ayanamsha: Fagan/Bradley = 34°06'51", Lahiri = 33°13'51"

## ASTRODIENST EPHEMERIS for the year 2670

MARCH 2670

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 35 29	10°11'23"	2°58'	26°40'	26°21'	25°11'3"	20°16'39"	26°23'	19°36'	7°0'	22°55'	5°R 1	3°34'	21°11'	26°43'	T 1
W 2	10 39 25	11°13'01"	14°51'	28°10'	27°36'	25°24'	20°40'	26°30'	19°39'	7°3'	22°54'	4°54'	3°30'	21°17'	26°45'	W 2
T 3	10 43 22	12°13'29"	26°47'	29°35'	28°51'	25°46'	20°40'	26°37'	19°43'	7°5'	22°53'	4°48'	3°27'	21°24'	26°46'	T 3
F 4	10 47 18	13°13'55"	8°15'50"	0°55'	0°46'	26°8'	20°41'	26°44'	19°46'	7°7'	22°52'	4°42'	3°24'	21°31'	26°48'	F 4
S 5	10 51 15	14°14'21"	21°2'	2°10'	1°21'	26°30'	20°41'	26°51'	19°49'	7°9'	22°52'	4°37'	3°21'	21°37'	26°50'	S 5
S 6	10 55 11	15°14'45"	3°28'	3°18'	2°36'	26°53'	20°R41'	26°57'	19°52'	7°12'	22°51'	4°35'	3°18'	21°44'	26°51'	S 6
M 7	10 59 8	16°15'08"	16°11'	4°19'	3°51'	27°16'	20°41'	27°4'	19°56'	7°14'	22°50'	4°D34'	3°15'	21°51'	26°53'	M 7
T 8	11 3 4	17°15'29"	29°15'	5°12'	5°6'	27°39'	20°41'	27°11'	19°59'	7°16'	22°50'	4°35'	3°11'	21°57'	26°55'	T 8
W 9	11 7 1	18°15'49"	12°34'	5°57'	6°21'	28°3'	20°41'	27°18'	20°2'	7°18'	22°49'	4°36'	3°8'	22°4'	26°57'	W 9
T 10	11 10 57	19°16'08"	26°40'	6°33'	7°36'	28°27'	20°40'	27°25'	20°5'	7°21'	22°48'	4°37'	3°5'	22°11'	26°59'	T 10
F 11	11 14 54	20°16'25"	11°33'	7°0'	8°51'	28°51'	20°39'	27°32'	20°8'	7°23'	22°48'	4°R37'	3°2'	22°17'	27°1'	F 11
S 12	11 18 51	21°16'41"	25°51'	7°18'	10°6'	29°15'	20°38'	27°39'	20°12'	7°25'	22°47'	4°35'	2°59'	22°24'	27°3'	S 12
S 13	11 22 47	22°16'55"	10°58'	7°R27'	11°21'	29°40'	20°37'	27°45'	20°15'	7°27'	22°47'	4°31'	2°56'	22°31'	27°5'	S 13
M14	11 26 44	23°17'08"	26°15'	7°25'	12°36'	0°55'	20°36'	27°52'	20°18'	7°30'	22°46'	4°25'	2°52'	22°38'	27°7'	M14
T 15	11 30 40	24°17'18"	11°32'	7°15'	13°51'	0°30'	20°34'	27°59'	20°21'	7°32'	22°45'	4°18'	2°49'	22°44'	27°10'	T 15
W16	11 34 37	25°17'27"	26°38'	6°55'	15°6'	0°56'	20°33'	28°5'	20°24'	7°34'	22°45'	4°10'	2°46'	22°51'	27°12'	W16
T 17	11 38 33	26°17'34"	11°23'	6°27'	16°20'	1°21'	20°31'	28°12'	20°27'	7°36'	22°45'	4°2'	2°43'	22°58'	27°14'	T 17
F 18	11 42 30	27°17'39"	25°41'	5°52'	17°35'	1°47'	20°29'	28°19'	20°30'	7°38'	22°44'	3°56'	2°40'	23°4'	27°17'	F 18
S 19	11 46 26	28°17'42"	9°12'29"	5°9'	18°50'	2°13'	20°26'	28°25'	20°33'	7°40'	22°44'	3°52'	2°36'	23°11'	27°19'	S 19
S 20	11 50 23	29°17'42"	22°49'	4°21'	20°5'	2°40'	20°24'	28°32'	20°36'	7°43'	22°43'	3°51'	2°33'	23°18'	27°21'	S 20
M21	11 54 20	0°17'41"	5°43'	3°28'	21°20'	3°6'	20°21'	28°38'	20°39'	7°45'	22°43'	3°D50'	2°30'	23°24'	27°24'	M21
T 22	11 58 16	1°17'37"	18°14'	2°32'	22°35'	3°33'	20°18'	28°45'	20°42'	7°47'	22°42'	3°51'	2°27'	23°31'	27°27'	T 22
W23	12 2 13	2°17'32"	0°12'29"	1°34'	23°49'	4°0'	20°15'	28°51'	20°44'	7°49'	22°42'	3°R52'	2°24'	23°38'	27°29'	W23
T 24	12 6 9	3°17'24"	12°32'	0°36'	25°4'	4°27'	20°12'	28°57'	20°47'	7°51'	22°42'	3°52'	2°21'	23°44'	27°32'	T 24
F 25	12 10 6	4°17'14"	24°26'	29°38'	26°19'	4°55'	20°9'	29°4'	20°50'	7°53'	22°42'	3°49'	2°17'	23°51'	27°35'	F 25
S 26	12 14 2	5°17'01"	6°17'	28°42'	27°34'	5°22'	20°5'	29°10'	20°53'	7°55'	22°41'	3°44'	2°14'	23°58'	27°37'	S 26
S 27	12 17 59	6°16'47"	18°6'	27°49'	28°48'	5°50'	20°2'	29°16'	20°56'	7°57'	22°41'	3°37'	2°11'	24°5'	27°40'	S 27
M28	12 21 55	7°16'31"	29°57'	27°0'	0°Y3'	6°18'	19°58'	29°22'	20°58'	7°59'	22°41'	3°27'	2°8'	24°11'	27°43'	M28
T 29	12 25 52	8°16'13"	11°25'50"	26°15'	1°18'	6°46'	19°54'	29°29'	21°1'	8°1'	22°41'	3°15'	2°5'	24°18'	27°46'	T 29
W30	12 29 49	9°15'52"	23°48'	25°36'	2°33'	7°14'	19°50'	29°35'	21°4'	8°4'	22°40'	3°2'	2°1'	24°25'	27°49'	W30
T 31	12 33 45	10°15'30"	5°15'52"	25°32'	3°Y47'	7°43'	19°14'5"	29°41'	21°6'	8°6'	22°40'	2°50'	1°58'	24°31'	27°52'	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	7s43	2n52	4n24	1s12	0n 8	13s41	1s 3	25n52	2n37	16s38	1n15	13s35	0s58	15s30	0s39	9s23	0s30
W 2	7 20	1s20	4 52	0 25	0 21	13 17	1 5	25 52	2 36	16 38	1 16	13 33	0 58	15 29	0 39	9 22	0 30
T 3	6 57	5 30	5 7	0n22	0 34	12 52	1 7	25 52	2 35	16 38	1 16	13 31	0 58	15 28	0 39	9 21	0 30
F 4	6 34	9 30	5 10	1 6	0 49	12 27	1 8	25 52	2 34	16 38	1 16	13 31	0 58	15 27	0 39	9 20	0 30
S 5	6 11	13 9	4 58	1 49	1 3	12 2	1 10	25 52	2 33	16 38	1 16	13 26	0 58	15 26	0 39	9 19	0 30
S 6	5 48	16 19	4 32	2 30	1 18	11 37	1 11	25 51	2 33	16 38	1 16	13 24	0 58	15 25	0 39	9 18	0 30
M 7	5 24	18 47	3 52	3 7	1 32	11 11	1 12	25 51	2 32	16 38	1 16	13 21	0 58	15 24	0 39	9 18	0 30
T 8	5 1	20 21	3 0	3 42	1 47	10 45	1 14	25 51	2 31	16 38	1 17	13 19	0 59	15 23	0 39	9 17	0 30
W 9	4 37	20 49	1 56	4 13	2 1	10 19	1 15	25 50	2 30	16 37	1 17	13 17	0 59	15 22	0 39	9 16	0 30
T 10	4 14	20 3	0 43	4 40	2 15	9 52	1 16	25 50	2 29	16 37	1 17	13 15	0 59	15 21	0 39	9 15	0 30
F 11	3 50	17 57	0s35	5 3	2 29	9 25	1 17	25 49	2 29	16 37	1 17	13 12	0 59	15 20	0 39	9 14	0 30
S 12	3 27	14 37	1 52	5 22	2 42	8 58	1 18	25 49	2 28	16 36	1 17	13 10	0 59	15 19	0 39	9 13	0 30
S 13	3 3	10 15	3 3	5 36	2 54	8 30	1 19	25 48	2 27	16 36	1 18	13 8	0 59	15 18	0 39	9 13	0 30
M14	2 39	5 11	4 2	5 46	3 4	8 3	1 20	25 47	2 26	16 35	1 18	13 6	0 59	15 17	0 39	9 12	0 30
T 15	2 16	0n12	4 43	5 50	3 14	7 35	1 21	25 46	2 25	16 35	1 18	13 4	0 59	15 16	0 39	9 11	0 30
W16	1 52	5 30	5 4	5 50	3 22	7 7	1 22	25 45	2 25	16 34	1 18	13 1	0 59	15 16	0 39	9 10	0 30
T 17	1 28	10 22	5 4	5 45	3 28	6 39	1 23	25 44	2 24	16 33	1 18	12 59	0 59	15 15	0 39	9 9	0 30
F 18	1 4	14 29	4 45	5 35	3 33	6 10	1 24	25 43	2 23	16 33	1 18	12 57	1 0	15 14	0 40	9 9	0 30
S 19	0 41	17 40	4 10	5 20	3 35	5 42	1 24	25 42	2 22	16 32	1 19	12 55	1 0	15 13	0 40	9 8	0 30
S 20	0 17	19 48	3 22	5 2	3 36	5 13	1 25	25 41	2 21	16 31	1 19	12 53	1 0	15 12	0 40	9 7	0 30
M21	0n 7	20 49	2 25	4 39	3 34	4 44	1 25	25 39	2 21	16 30	1 19	12 50	1 0	15 11	0 40	9 6	0 30
T 22	0 31	20 45	1 23	4 14	3 31	4 15	1 26	25 38	2 20	16 29	1 19	12 48	1 0	15 10	0 40	9 5	0 30
W23	0 54	19 41	0 18	3 46	3 25	3 46	1 26	25 36	2 19	16 28	1 19	12 46	1 0	15 9	0 40	9 5	0 30
T 24	1 18	17 43	0n46	3 16	3 18	3 17	1 26	25 35	2 18	16 27	1 19	12 44	1 0	15 8	0 40	9 4	0 31
F 25	1 42	15 1	1 48	2 44	3 9	2 47	1 27	25 33	2 18	16 26	1 19	12 42	1 0	15 7	0 40	9 3	0 31
S 26	2 6	11 43	2 44	2 12	2 58	2 18	1 27	25 31	2 17	16 25	1 20	12 40	1 1	15 7	0 40	9 2	0 31
S 27	2 29	7 57	3 33	1 40	2 46	1 48	1 27	25 29	2 16	16 24	1 20	12 38	1 1	15 6	0 40	9 2	0 31
M28	2 53	3 53	4 13	1 9	2 33	1 19	1 27	25 27	2 15	16 23	1 20	12 36	1 1	15 5	0 40	9 1	0 31
T 29	3 16	0s20	4 42	0 38	2 19	0 49	1 27	25 25	2 14	16 22	1 20	12 34	1 1	15 4	0 40	9 0	0 31
W30	3 40	4 35	4 58	0 9	2 4	0 19	1 27	25 23	2 14	16 20	1 20	12 32	1 1	15 3	0 40	8 59	0 31
T 31	4n 3	8s41	5n 2	0s18	1n49	0n10	1s27	25n20	2n13	16s19	1n20	12s30	1s 1	15s 2	0s40	8s59	0s31

Julian Day Number = 2696316.5, Delta T = 25m02s

Ecliptic obliquity = 23°21'04", Nutation = - 0°00'14"

Ayanamsha: Fagan/Bradley = 34°06'54", Lahiri = 33°13'54"

# ASTRODIENST EPHEMERIS for the year 2670

APRIL 2670

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 37 42	11°15'06	18°13' 3	24°R34	5°Y 2	8°12	19°R41	29°47	21°11	8°8	22°R40	2°R39	1°55	24°38	27°55	F 1
S 2	12 41 38	12°14'41	0°23	24°13	6°17	8°40	19°136	29°53	21°11	8°9	22°40	2°29	1°52	24°45	27°58	S 2
S 3	12 45 35	13°14'13	12°53	23°57	7°31	9°9	19°31	29°59	21°14	8°11	22°40	2°23	1°49	24°51	28°1	S 3
M 4	12 49 31	14°13'44	25°38	23°48	8°46	9°38	19°26	0°11	21°16	8°13	22°40	2°19	1°46	24°58	28°4	M 4
T 5	12 53 28	15°13'13	8°39	23°D44	10°1	10°8	19°21	0°10	21°19	8°15	22°40	2°18	1°42	25°5	28°7	T 5
W 6	12 57 24	16°12'41	22°1	23°47	11°15	10°37	19°16	0°16	21°21	8°17	22°D40	2°D18	1°39	25°11	28°10	W 6
T 7	13 1 121	17°12'07	5°45	23°54	12°30	11°7	19°10	0°22	21°23	8°19	22°40	2°R18	1°36	25°18	28°14	T 7
F 8	13 5 18	18°11'31	19°54	24°8	13°44	11°36	19°5	0°27	21°26	8°21	22°40	2°17	1°33	25°25	28°17	F 8
S 9	13 9 14	19°10'53	4°27	24°26	14°59	12°6	18°59	0°33	21°28	8°23	22°40	2°14	1°30	25°32	28°20	S 9
S 10	13 13 11	20°10'13	19°20	24°49	16°14	12°36	18°53	0°38	21°30	8°25	22°40	2°8	1°27	25°38	28°24	S 10
M11	13 17 7	21°9'32	4°28	25°17	17°28	13°6	18°47	0°44	21°32	8°26	22°40	1°59	1°23	25°45	28°27	M11
T 12	13 21 4	22°8'48	19°40	25°50	18°43	13°36	18°41	0°49	21°34	8°28	22°40	1°49	1°20	25°52	28°30	T 12
W13	13 25 0	23°8'03	4°46	26°26	19°57	14°7	18°35	0°54	21°36	8°30	22°41	1°37	1°17	25°58	28°34	W13
T 14	13 28 57	24°7'16	19°36	27°7	21°12	14°37	18°29	1°0	21°39	8°32	22°41	1°27	1°14	26°5	28°37	T 14
F 15	13 32 53	25°6'26	4°11	27°51	22°26	15°8	18°22	1°5	21°41	8°33	22°41	1°17	1°11	26°12	28°41	F 15
S 16	13 36 50	26°5'35	17°58	28°39	23°41	15°39	18°16	1°10	21°43	8°35	22°41	1°11	1°7	26°18	28°44	S 16
S 17	13 40 46	27°4'41	1°24	29°30	24°55	16°9	18°9	1°15	21°44	8°37	22°41	1°7	1°4	26°25	28°48	S 17
M18	13 44 43	28°3'45	14°23	0°24	26°10	16°40	18°3	1°20	21°46	8°38	22°42	1°5	1°1	26°32	28°51	M18
T 19	13 48 40	29°2'46	26°58	1°21	27°24	17°12	17°56	1°25	21°48	8°40	22°42	1°4	0°58	26°39	28°55	T 19
W20	13 52 36	0°1'46	9°14	2°21	28°38	17°43	17°49	1°30	21°50	8°42	22°42	1°4	0°55	26°45	28°59	W20
T 21	13 56 33	1°0'43	21°15	3°23	29°53	18°14	17°42	1°34	21°52	8°43	22°43	1°3	0°52	26°52	29°2	T 21
F 22	14 0 29	1°59'38	3°11	4°29	1°8	18°45	17°35	1°39	21°53	8°45	22°43	1°0	0°48	26°59	29°6	F 22
S 23	14 4 26	2°58'30	14°58	5°36	2°22	19°17	17°28	1°44	21°55	8°46	22°43	0°55	0°45	27°5	29°10	S 23
S 24	14 8 22	3°57'20	26°47	6°47	3°36	19°49	17°20	1°48	21°57	8°48	22°44	0°47	0°42	27°12	29°13	S 24
M25	14 12 19	4°56'09	8°40	7°59	4°50	20°20	17°13	1°53	21°58	8°49	22°44	0°36	0°39	27°19	29°17	M25
T 26	14 16 15	5°54'55	20°39	9°14	6°4	20°52	17°6	1°57	22°0	8°51	22°45	0°23	0°36	27°25	29°21	T 26
W27	14 20 12	6°53'39	2°45	10°30	7°19	21°24	16°58	2°2	22°1	8°52	22°45	0°9	0°32	27°32	29°25	W27
T 28	14 24 9	7°52'21	14°59	11°49	8°33	21°56	16°51	2°6	22°3	8°54	22°46	29°55	0°29	27°39	29°29	T 28
F 29	14 28 5	8°51'02	27°23	13°10	9°47	22°28	16°43	2°10	22°4	8°55	22°46	29°43	0°26	27°45	29°32	F 29
S 30	14 32 2	9°49'40	9°57	14°33	11°8	23°20	16°36	2°14	22°6	8°56	22°47	29°33	0°23	27°52	29°36	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
F 1	4n26	12s29	4n51	0s43	1n34	0n40	1s27	25n18	2n12	16s18	1n20	12s28	1s1	15s2	0s40	F 1
S 2	4 49	15 48	4 28	1 6	1 18	1 10	1 26	25 15	2 11	16 17	1 21	12 26	1 1	15 1	0 40	S 2
S 3	5 12	18 27	3 51	1 26	1 3	1 39	1 26	25 13	2 11	16 15	1 21	12 24	1 2	15 0	0 40	S 3
M 4	5 35	20 15	3 1	1 44	0 48	2 9	1 26	25 10	2 10	16 14	1 21	12 22	1 2	14 59	0 40	M 4
T 5	5 58	21 2	2 2	1 59	0 33	2 39	1 25	25 7	2 9	16 12	1 21	12 20	1 2	14 59	0 40	T 5
W 6	6 21	20 40	0 54	2 11	0 18	3 8	1 25	25 4	2 8	16 11	1 21	12 18	1 2	14 58	0 40	W 6
T 7	6 44	19 4	0s18	2 21	0 4	3 38	1 24	25 1	2 8	16 9	1 21	12 16	1 2	14 57	0 40	T 7
F 8	7 6	16 15	1 32	2 29	0s10	4 7	1 23	24 57	2 7	16 8	1 21	12 15	1 2	14 56	0 40	F 8
S 9	7 29	12 21	2 41	2 33	0 23	4 37	1 23	24 54	2 6	16 6	1 21	12 13	1 2	14 56	0 40	S 9
S 10	7 51	7 36	3 42	2 36	0 36	5 6	1 22	24 50	2 6	16 4	1 21	12 11	1 2	14 55	0 40	S 10
M11	8 14	2 19	4 27	2 36	0 48	5 35	1 21	24 47	2 5	16 3	1 21	12 9	1 3	14 54	0 40	M11
T 12	8 36	3n7	4 54	2 34	1 0	6 4	1 20	24 43	2 4	16 1	1 22	12 7	1 3	14 54	0 40	T 12
W13	8 58	8 21	5 0	2 29	1 10	6 33	1 19	24 39	2 3	15 59	1 22	12 6	1 3	14 53	0 40	W13
T 14	9 19	12 58	4 46	2 23	1 21	7 2	1 18	24 35	2 3	15 57	1 22	12 4	1 3	14 53	0 40	T 14
F 15	9 41	16 43	4 14	2 14	1 30	7 30	1 17	24 31	2 2	15 55	1 22	12 2	1 3	14 52	0 40	F 15
S 16	10 2	19 22	3 27	2 4	1 40	7 59	1 16	24 27	2 1	15 54	1 22	12 0	1 3	14 51	0 40	S 16
S 17	10 24	20 51	2 30	1 51	1 48	8 27	1 15	24 22	2 1	15 52	1 22	11 59	1 3	14 51	0 40	S 17
M18	10 45	21 8	1 27	1 37	1 56	8 55	1 14	24 18	2 0	15 50	1 22	11 57	1 4	14 50	0 40	M18
T 19	11 6	20 20	0 22	1 21	2 3	9 23	1 12	24 13	1 59	15 48	1 22	11 56	1 4	14 50	0 40	T 19
W20	11 26	18 34	0n43	1 3	2 10	9 51	1 11	24 8	1 58	15 46	1 22	11 54	1 4	14 49	0 40	W20
T 21	11 47	16 1	1 45	0 44	2 16	10 18	1 10	24 4	1 58	15 44	1 22	11 52	1 4	14 48	0 41	T 21
F 22	12 7	12 49	2 41	0 23	2 21	10 45	1 8	23 59	1 57	15 42	1 22	11 51	1 4	14 48	0 41	F 22
S 23	12 28	9 8	3 30	0 1	2 26	11 12	1 7	23 53	1 56	15 40	1 22	11 49	1 4	14 47	0 41	S 23
S 24	12 47	5 5	4 9	0n22	2 31	11 39	1 5	23 48	1 56	15 38	1 22	11 48	1 5	14 47	0 41	S 24
M25	13 7	0 51	4 38	0 47	2 34	12 5	1 4	23 43	1 55	15 36	1 22	11 46	1 5	14 46	0 41	M25
T 26	13 27	3s28	4 56	1 14	2 38	12 31	1 2	23 37	1 54	15 34	1 22	11 45	1 5	14 46	0 41	T 26
W27	13 46	7 41	4 59	1 41	2 40	12 57	1 0	23 32	1 54	15 32	1 22	11 44	1 5	14 46	0 41	W27
T 28	14 5	11 39	4 50	2 10	2 42	13 22	0 59	23 26	1 53	15 30	1 22	11 42	1 5	14 45	0 41	T 28
F 29	14 24	15 11	4 26	2 40	2 44	13 48	0 57	23 20	1 52	15 28	1 22	11 41	1 5	14 45	0 41	F 29
S 30	14n42	18s 5	3n49	3n11	2s45	14n12	0s55	23n14	1n52	15s25	1n22	11s40	1s 6	14s44	0s41	S 30

Julian Day Number = 2696347.5, Delta T = 25m02s  
 Ecliptic obliquity = 23°21'04, Nutation = - 0°00'16  
 Ayanamsha: Fagan/Bradley = 34°06'59, Lahiri = 33°13'59

# ASTRODIENST EPHEMERIS for the year 2670

MAY 2670

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 35 58	10°48'17	22°41	15°58	12°16	23°32	16°R28	2°18	22°7	8°58	22°48	29°R26	0°20	27°59	29°40	S 1
M 2	14 39 55	11°46'52	5°37	17°24	13°30	24° 5	16°M21	2°22	22° 8	8°59	22°48	29°21	0°17	28° 6	29°44	M 2
T 3	14 43 51	12°45'26	18°46	18°53	14°44	24°37	16°13	2°26	22° 9	9° 0	22°49	29°19	0°13	28°12	29°48	T 3
W 4	14 47 48	13°43'58	2°10	20°23	15°58	25° 9	16° 5	2°30	22°11	9° 1	22°49	29°D19	0°10	28°19	29°52	W 4
T 5	14 51 44	14°42'28	15°51	21°55	17°12	25°42	15°58	2°33	22°12	9° 3	22°50	29°R19	0° 7	28°26	29°56	T 5
F 6	14 55 41	15°40'57	29°50	23°29	18°27	26°15	15°50	2°37	22°13	9° 4	22°51	29°18	0° 4	28°32	29°59	F 6
S 7	14 59 38	16°39'24	14° 8	25° 5	19°41	26°47	15°42	2°41	22°14	9° 5	22°51	29°16	0° 1	28°39	0° 4	S 7
S 8	15 3 34	17°37'49	28°42	26°43	20°55	27°20	15°35	2°44	22°15	9° 6	22°52	29°11	29°58	28°46	0° 8	S 8
M 9	15 7 31	18°36'13	13°Y28	28°22	22° 9	27°53	15°27	2°47	22°16	9° 7	22°53	29° 3	29°54	28°53	0°12	M 9
T 10	15 11 27	19°34'36	28°20	0° 3	23°23	28°26	15°19	2°51	22°16	9° 8	22°54	28°54	29°51	28°59	0°16	T 10
W 11	15 15 24	20°32'57	13° 9	1°46	24°37	28°59	15°12	2°54	22°17	9° 9	22°55	28°44	29°48	29° 6	0°20	W 11
T 12	15 19 20	21°31'16	27°46	3°31	25°51	29°32	15° 4	2°57	22°18	9°10	22°55	28°34	29°45	29°13	0°24	T 12
F 13	15 23 17	22°29'33	12° 5	5°17	27° 5	0° 5	14°57	3° 0	22°19	9°11	22°56	28°25	29°42	29°19	0°28	F 13
S 14	15 27 13	23°27'49	25°59	7° 6	28°19	0°39	14°49	3° 3	22°19	9°12	22°57	28°19	29°38	29°26	0°32	S 14
S 15	15 31 10	24°26'03	9°27	8°56	29°33	1°12	14°42	3° 6	22°20	9°13	22°58	28°15	29°35	29°33	0°36	S 15
M 16	15 35 7	25°24'14	22°29	10°48	0°47	1°45	14°34	3° 9	22°21	9°14	22°59	28°D13	29°32	29°39	0°40	M 16
T 17	15 39 3	26°22'24	5° 7	12°41	2° 1	2°19	14°27	3°11	22°21	9°15	23° 0	28°13	29°29	29°46	0°44	T 17
W 18	15 43 0	27°20'32	17°26	14°37	3°15	2°52	14°19	3°14	22°22	9°15	23° 1	28°14	29°26	29°53	0°48	W 18
T 19	15 46 56	28°18'38	29°30	16°34	4°29	3°26	14°12	3°16	22°22	9°16	23° 2	28°R14	29°23	29°59	0°52	T 19
F 20	15 50 53	29°16'42	11°25	18°33	5°43	3°59	14° 5	3°19	22°22	9°17	23° 3	28°13	29°19	0° 6	0°56	F 20
S 21	15 54 49	0°14'44	23°16	20°34	6°57	4°33	13°58	3°21	22°23	9°18	23° 4	28°11	29°16	0°13	1° 0	S 21
S 22	15 58 46	1°12'45	5° 7	22°36	8°11	5° 7	13°51	3°23	22°23	9°18	23° 5	28° 6	29°13	0°20	1° 4	S 22
M 23	16 2 42	2°10'43	17° 4	24°41	9°25	5°41	13°44	3°25	22°23	9°19	23° 6	27°58	29°10	0°26	1° 8	M 23
T 24	16 6 39	3° 8'40	29° 8	26°46	10°39	6°15	13°37	3°27	22°23	9°20	23° 7	27°50	29° 7	0°33	1°12	T 24
W 25	16 10 36	4° 6'35	11°22	28°53	11°53	6°49	13°30	3°29	22°24	9°20	23° 8	27°40	29° 4	0°40	1°16	W 25
T 26	16 14 32	5° 4'29	23°49	1° 1	13° 6	7°23	13°23	3°31	22°24	9°21	23° 9	27°30	29° 0	0°46	1°20	T 26
F 27	16 18 29	6° 2'21	6°28	3°11	14°20	7°57	13°17	3°33	22°R24	9°21	23°10	27°21	28°57	0°53	1°24	F 27
S 28	16 22 25	7° 0'12	19°28	5°21	15°34	8°31	13°10	3°35	22°24	9°22	23°11	27°14	28°54	1° 0	1°28	S 28
S 29	16 26 22	7°58'01	2°32	7°32	16°48	9° 5	13° 4	3°36	22°24	9°22	23°12	27°10	28°51	1° 7	1°33	S 29
M 30	16 30 18	8°55'49	15°39	9°43	18° 2	9°39	12°57	3°38	22°23	9°23	23°13	27° 7	28°48	1°13	1°37	M 30
T 31	16 34 15	9°11'53	29° 6	11°55	19°15	10°13	12°M51	3°39	22°23	9°23	23°14	27°D 6	28°44	1°20	1°41	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	15n 1	20s 9	3n 1	3n43	2s45	14n37	0s53	23n 8	1n51	15s23	1n22	11s38	1s 6	14s44	0s41	8s40
M 2	15 19	21 12	2 2	4 16	2 45	15 1	0 51	23 2	1 50	15 21	1 22	11 37	1 6	14 44	0 41	8 39
T 3	15 37	21 7	0 56	4 50	2 44	15 25	0 49	22 55	1 50	15 19	1 22	11 36	1 6	14 43	0 41	8 39
W 4	15 54	19 51	0s15	5 25	2 43	15 48	0 47	22 49	1 49	15 17	1 22	11 35	1 6	14 43	0 41	8 39
T 5	16 11	17 24	1 26	6 1	2 41	16 11	0 45	22 42	1 48	15 15	1 22	11 33	1 6	14 43	0 41	8 38
F 6	16 28	13 54	2 34	6 38	2 39	16 34	0 43	22 35	1 48	15 13	1 22	11 32	1 7	14 42	0 41	8 38
S 7	16 45	9 31	3 34	7 15	2 36	16 56	0 41	22 28	1 47	15 10	1 22	11 31	1 7	14 42	0 41	8 37
S 8	17 2	4 30	4 21	7 53	2 33	17 17	0 39	22 21	1 46	15 8	1 22	11 30	1 7	14 42	0 41	8 37
M 9	17 18	0n49	4 51	8 32	2 29	17 39	0 37	22 14	1 46	15 6	1 22	11 29	1 7	14 41	0 41	8 37
T 10	17 34	6 8	5 2	9 12	2 24	17 59	0 35	22 7	1 45	15 4	1 22	11 28	1 7	14 41	0 41	8 36
W 11	17 49	11 4	4 53	9 52	2 20	18 20	0 33	21 59	1 44	15 2	1 22	11 27	1 7	14 41	0 41	8 36
T 12	18 5	15 18	4 24	10 32	2 14	18 39	0 30	21 52	1 44	15 0	1 22	11 26	1 8	14 41	0 41	8 35
F 13	18 20	18 32	3 40	11 13	2 8	18 59	0 28	21 44	1 43	14 58	1 21	11 25	1 8	14 41	0 41	8 35
S 14	18 34	20 35	2 43	11 55	2 2	19 17	0 26	21 36	1 43	14 56	1 21	11 24	1 8	14 40	0 41	8 35
S 15	18 49	21 23	1 38	12 36	1 55	19 36	0 24	21 29	1 42	14 54	1 21	11 23	1 8	14 40	0 41	8 34
M 16	19 3	20 59	0 31	13 18	1 48	19 54	0 21	21 20	1 41	14 51	1 21	11 23	1 8	14 40	0 41	8 34
T 17	19 16	19 31	0n37	14 0	1 40	20 11	0 19	21 12	1 41	14 49	1 21	11 22	1 9	14 40	0 42	8 34
W 18	19 30	17 9	1 41	14 42	1 32	20 27	0 17	21 4	1 40	14 47	1 21	11 21	1 9	14 40	0 42	8 34
T 19	19 43	14 5	2 39	15 24	1 23	20 44	0 14	20 56	1 39	14 45	1 21	11 20	1 9	14 40	0 42	8 33
F 20	19 55	10 29	3 30	16 6	1 14	20 59	0 12	20 47	1 39	14 43	1 21	11 20	1 9	14 40	0 42	8 33
S 21	20 8	6 30	4 11	16 47	1 5	21 14	0 10	20 38	1 38	14 41	1 21	11 19	1 9	14 40	0 42	8 33
S 22	20 20	2 17	4 41	17 28	0 55	21 28	0 7	20 30	1 38	14 39	1 20	11 18	1 9	14 39	0 42	8 33
M 23	20 31	2s 3	5 0	18 8	0 45	21 42	0 5	20 21	1 37	14 37	1 20	11 18	1 10	14 39	0 42	8 32
T 24	20 43	6 22	5 5	18 47	0 35	21 55	0 2	20 12	1 36	14 36	1 20	11 17	1 10	14 39	0 42	8 32
W 25	20 53	10 29	4 57	19 26	0 25	22 8	0n 0	20 3	1 36	14 34	1 20	11 17	1 10	14 39	0 42	8 32
T 26	21 4	14 14	4 34	20 3	0 15	22 20	0 3	19 53	1 35	14 32	1 20	11 16	1 10	14 39	0 42	8 32
F 27	21 14	17 24	3 58	20 39	0 4	22 31	0 5	19 44	1 34	14 30	1 20	11 16	1 10	14 39	0 42	8 32
S 28	21 24	19 47	3 9	21 13	0n 7	22 42	0 7	19 35	1 34	14 28	1 19	11 15	1 11	14 39	0 42	8 32
S 29	21 33	21 11	2 9	21 46	0 17	22 52	0 10	19 25	1 33	14 27	1 19	11 15	1 11	14 40	0 42	8 31
M 30	21 42	21 25	1 1	22 17	0 27	23 1	0 12	19 15	1 33	14 25	1 19	11 15	1 11	14 40	0 42	8 31
T 31	21n51	20s26	0s11	22n45	0n38	23n10	0n15	19n 6	1n32	14s23	1n19	11s14	1s11	14s40	0s42	8s31

Julian Day Number = 2696377.5, Delta T = 25m02s  
 Ecliptic obliquity = 23°21'03, Nutation = - 0°00'16  
 Ayanamsha: Fagan/Bradley = 34°07'03, Lahiri = 33°14'03

# ASTRODIENST EPHEMERIS for the year 2670

JUNE 2670

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	16 38 11	10♏51'22	12♏45	14♏6	20♏29	10♏48	12°R45	3♏40	22°R23	9♏23	23♏16	27♏7	28♏41	1♏27	1♏45	W 1
T 2	16 42 8	11°49'06	26°34	16°18	21°43	11°22	12♏39	3°41	22°23	9°24	23°17	27°8	28°38	1°33	1°49	T 2
F 3	16 46 5	12°46'50	10♏34	18°28	22°57	11°56	12°33	3°42	22°23	9°24	23°18	27°R 9	28°35	1°40	1°53	F 3
S 4	16 50 1	13°44'33	24°45	20°38	24°10	12°31	12°28	3°43	22°22	9°24	23°19	27°9	28°32	1°47	1°57	S 4
S 5	16 53 58	14°42'14	9♏4	22°46	25°24	13°5	12°22	3°44	22°22	9°25	23°20	27°6	28°29	1°54	2°1	S 5
M 6	16 57 54	15°39'55	23°29	24°53	26°38	13°40	12°17	3°45	22°21	9°25	23°22	27°2	28°25	2°0	2°5	M 6
T 7	17 1 51	16°37'35	7♏55	26°59	27°51	14°14	12°11	3°46	22°21	9°25	23°23	26°57	28°22	2°7	2°9	T 7
W 8	17 5 47	17°35'13	22°17	29°2	29°5	14°49	12°6	3°46	22°20	9°25	23°24	26°51	28°19	2°14	2°13	W 8
T 9	17 9 44	18°32'51	6♏30	1♏4	0♏19	15°24	12°1	3°47	22°20	9°25	23°26	26°45	28°16	2°20	2°17	T 9
F 10	17 13 40	19°30'28	20°28	3°3	1°32	15°59	11°56	3°47	22°19	9°25	23°27	26°40	28°13	2°27	2°20	F 10
S 11	17 17 37	20°28'04	4♏8	5°0	2°46	16°33	11°52	3°47	22°18	9°R25	23°28	26°37	28°10	2°34	2°24	S 11
S 12	17 21 34	21°25'38	17°26	6°55	4°0	17°8	11°47	3°48	22°18	9°25	23°29	26°35	28°6	2°41	2°28	S 12
M13	17 25 30	22°23'12	0♏23	8°47	5°13	17°43	11°43	3°R48	22°17	9°25	23°31	26°D34	28°3	2°47	2°32	M13
T 14	17 29 27	23°20'44	13°0	10°37	6°27	18°18	11°38	3°48	22°16	9°25	23°32	26°35	28°0	2°54	2°36	T 14
W15	17 33 23	24°18'15	25°20	12°24	7°40	18°53	11°34	3°48	22°15	9°25	23°33	26°37	27°57	3°1	2°40	W15
T 16	17 37 20	25°15'44	7♏26	14°8	8°54	19°28	11°30	3°47	22°14	9°25	23°35	26°39	27°54	3°7	2°44	T 16
F 17	17 41 16	26°13'13	19°23	15°50	10°8	20°3	11°27	3°47	22°13	9°25	23°36	26°40	27°50	3°14	2°48	F 17
S 18	17 45 13	27°10'40	1♏16	17°29	11°21	20°39	11°23	3°47	22°12	9°25	23°38	26°R40	27°47	3°21	2°51	S 18
S 19	17 49 9	28°8'06	13°9	19°5	12°35	21°14	11°20	3°46	22°11	9°24	23°39	26°39	27°44	3°28	2°55	S 19
M20	17 53 6	29°5'31	25°7	20°38	13°48	21°49	11°16	3°45	22°10	9°24	23°40	26°36	27°41	3°34	2°59	M20
T 21	17 57 3	0♏25	2°55	7♏15	22°9	15°2	22°24	11°13	3°45	9°24	23°42	26°33	27°38	3°41	3°3	T 21
W22	18 0 59	1°0'18	19°35	23°37	16°15	22°59	11°10	3°44	22°8	9°23	23°43	26°29	27°35	3°48	3°6	W22
T 23	18 4 56	1°57'40	2♏11	25°2	17°29	23°35	11°8	3°43	22°6	9°23	23°45	26°25	27°31	3°54	3°10	T 23
F 24	18 8 52	2°55'01	15°3	26°24	18°42	24°10	11°5	3°42	22°5	9°23	23°46	26°22	27°28	4°1	3°14	F 24
S 25	18 12 49	3°52'22	28°12	27°43	19°55	24°46	11°3	3°41	22°4	9°22	23°48	26°19	27°25	4°8	3°17	S 25
S 26	18 16 45	4°49'41	11♏38	28°59	21°9	25°21	11°0	3°40	22°3	9°22	23°49	26°18	27°22	4°14	3°21	S 26
M27	18 20 42	5°47'01	25°18	0♏12	22°22	25°57	10°58	3°39	22°1	9°21	23°51	26°D17	27°19	4°21	3°25	M27
T 28	18 24 39	6°44'19	9♏10	1°23	23°36	26°32	10°56	3°37	22°0	9°21	23°52	26°17	27°16	4°28	3°28	T 28
W29	18 28 35	7°41'37	23°12	2°30	24°49	27°8	10°55	3°36	21°58	9°20	23°53	26°18	27°12	4°35	3°32	W29
T 30	18 32 32	8°38'55	7♏21	3♏33	26°56	27°43	10♏53	3♏34	21°57	9♏20	23°55	26°20	27°9	4°41	3♏35	T 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	21n59	18s15	1s23	23n12	0n47	23n18	0n17	18n56	1n31	14s21	1n19	11s14	1s11	14s40	0s42	8s31	0s32	19n49	1s34	20n39	20n21	3n38	17n10	3s20					
T 2	22 7	15 0	2 32	23 36	0 57	23 25	0 19	18 46	1 31	14 20	1 19	11 14	1 11	14 40	0 42	8 31	0 32	19 49	1 34	20 39	20 21	3 35	17 11	3 20					
F 3	22 15	10 52	3 33	23 57	1 6	23 32	0 22	18 35	1 30	14 18	1 18	11 14	1 12	14 40	0 42	8 31	0 32	19 49	1 34	20 39	20 22	3 33	17 11	3 20					
S 4	22 22	6 5	4 22	24 16	1 15	23 38	0 24	18 25	1 30	14 17	1 18	11 13	1 12	14 40	0 42	8 31	0 32	19 48	1 34	20 39	20 23	3 31	17 12	3 20					
S 5	22 29	0 56	4 54	24 32	1 23	23 43	0 27	18 15	1 29	14 15	1 18	11 13	1 12	14 40	0 42	8 31	0 32	19 48	1 34	20 40	20 23	3 29	17 13	3 21					
M 6	22 35	4n18	5 9	24 45	1 30	23 47	0 29	18 4	1 28	14 14	1 18	11 13	1 12	14 41	0 42	8 31	0 32	19 48	1 33	20 40	20 24	3 26	17 13	3 21					
T 7	22 41	9 18	5 4	24 56	1 37	23 51	0 31	17 54	1 28	14 12	1 18	11 13	1 12	14 41	0 42	8 31	0 32	19 48	1 33	20 41	20 25	3 24	17 14	3 21					
W 8	22 46	13 46	4 40	25 4	1 43	23 55	0 34	17 43	1 27	14 11	1 17	11 13	1 13	14 41	0 42	8 31	0 32	19 48	1 33	20 43	20 25	3 22	17 15	3 21					
T 9	22 52	17 24	3 59	25 10	1 49	23 57	0 36	17 32	1 27	14 10	1 17	11 13	1 13	14 41	0 42	8 31	0 32	19 48	1 33	20 44	20 26	3 19	17 15	3 21					
F 10	22 56	19 57	3 4	25 12	1 53	23 59	0 38	17 21	1 26	14 8	1 17	11 13	1 13	14 41	0 42	8 31	0 32	19 48	1 33	20 45	20 27	3 17	17 16	3 21					
S 11	23 1	21 18	1 59	25 13	1 57	24 0	0 40	17 10	1 25	14 7	1 17	11 13	1 13	14 42	0 42	8 31	0 32	19 47	1 33	20 45	20 27	3 15	17 16	3 21					
S 12	23 4	21 24	0 50	25 11	2 1	24 0	0 43	16 59	1 25	14 6	1 16	11 13	1 13	14 42	0 43	8 31	0 32	19 47	1 33	20 46	20 28	3 13	17 17	3 21					
M13	23 8	20 20	0n21	25 6	2 3	24 0	0 45	16 48	1 24	14 5	1 16	11 13	1 14	14 42	0 43	8 31	0 33	19 47	1 33	20 46	20 28	3 10	17 18	3 22					
T 14	23 11	18 16	1 29	25 0	2 5	23 59	0 47	16 37	1 24	14 4	1 16	11 14	1 14	14 43	0 43	8 31	0 33	19 47	1 33	20 46	20 29	3 8	17 18	3 22					
W15	23 14	15 24	2 31	24 51	2 5	23 57	0 49	16 25	1 23	14 3	1 16	11 14	1 14	14 43	0 43	8 31	0 33	19 47	1 33	20 45	20 30	3 6	17 19	3 22					
T 16	23 16	11 55	3 25	24 41	2 5	23 54	0 51	16 14	1 22	14 2	1 16	11 14	1 14	14 43	0 43	8 31	0 33	19 47	1 33	20 45	20 30	3 3	17 19	3 22					
F 17	23 18	8 1	4 10	24 29	2 5	23 51	0 53	16 2	1 22	14 1	1 15	11 14	1 14	14 44	0 43	8 31	0 33	19 47	1 33	20 45	20 31	3 1	17 20	3 22					
S 18	23 19	3 50	4 43	24 15	2 3	23 47	0 56	15 50	1 21	14 0	1 15	11 15	1 15	14 44	0 43	8 31	0 33	19 46	1 32	20 45	20 32	2 59	17 21	3 22					
S 19	23 20	0s29	5 5	24 0	2 1	23 43	0 58	15 39	1 21	13 59	1 15	11 15	1 15	14 44	0 43	8 31	0 33	19 46	1 32	20 45	20 32	2 56	17 21	3 22					
M20	23 21	4 49	5 13	23 43	1 58	23 38	1 0	15 27	1 20	13 58	1 15	11 15	1 15	14 45	0 43	8 31	0 33	19 46	1 32	20 45	20 33	2 54	17 22	3 23					
T 21	23 21	9 1	5 8	23 25	1 54	23 32	1 2	15 15	1 19	13 58	1 14	11 16	1 15	14 45	0 43	8 31	0 33	19 46	1 32	20 46	20 34	2 52	17 22	3 23					
W22	23 21	12 56	4 48	23 6	1 49	23 25	1 3	15 3	1 19	13 57	1 14	11 16	1 15	14 46	0 43	8 32	0 33	19 46	1 32	20 47	20 34	2 49	17 23	3 23					
T 23	23 20	16 21	4 15	22 45	1 44	23 18	1 5	14 51	1 18	13 56	1 14	11 17	1 16	14 46	0 43	8 32	0 33	19 46	1 32	20 47	20 35	2 47	17 23	3 23					
F 24	23 19	19 5	3 28	22 24	1 38	23 10	1 7	14 38	1 18	13 56	1 14	11 17	1 16	14 46	0 43	8 32	0 33	19 45	1 32	20 48	20 35	2 45	17 24	3 23					
S 25	23 18	20 52	2 28	22 2	1 32	23 1	1 9	14 26	1 17	13 55	1 13	11 18	1 16	14 47	0 43	8 32	0 33	19 45	1 32	20 49	20 36	2 42	17 24	3 23					
S 26	23 16	21 31	1 20	21 40	1 24	22 51	1 11	14 14	1 17	13 55	1 13	11 19	1 16	14 47	0 43	8 32	0 33	19 45	1 32	20 49	20 37	2 40	17 25	3 24					
M27	23 14	20 55	0 5	21 16	1 16	22 41	1 12	14 1	1 16	13 55	1 13	11 19	1 16	14 48	0 43	8 32	0 33	19 45	1 32	20 49	20 37	2 38	17 25	3 24					
T 28	23 11	19 2	1s10	20 53	1 8	22 31	1 14	13 48	1 15	13 54	1 13	11 20	1 16	14 48	0 43	8 33	0 33	19 45	1 32	20 49	20 38	2 35	17 26	3 24					
W29	23 8	15 59	2 23	20 29	0 58	22 19	1 16	13 36	1 15	13 54	1 12	11 21	1 17	14 49	0 43	8 33	0 33	19 44	1 32	20 49	20 38	2 33	17 26	3 24					
T 30	23n 4	12s 0	3s28	20n 4	0n48	22n 7	1n17	13n23	1n14	13s54	1n12	11s21	1s17	14s49	0s43	8s33	0s33	19n44	1s32	20n49	20n39	2n31	17n27	3s24					

# ASTRODIENST EPHEMERIS for the year 2670

JULY 2670

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18 36 28	9°36'13	21°34	4°34	27°16	28°19	10°R52	3°R33	21°R55	9°R19	23°56	26°21	27° 6	4°48	3°39	F 1
S 2	18 40 25	10°33'30	5°48	5°31	28°29	28°55	10°L51	3°H31	21°554	9°H18	23°58	26°R21	27° 3	4°55	3°42	S 2
S 3	18 44 21	11°30'47	20° 2	6°25	29°42	29°30	10°50	3°29	21°52	9°18	23°59	26°21	27° 0	5° 1	3°46	S 3
M 4	18 48 18	12°28'04	4°12	7°15	0°L56	0°M 6	10°49	3°27	21°50	9°17	24° 1	26°20	26°56	5° 8	3°49	M 4
T 5	18 52 14	13°25'21	18°16	8° 2	2° 9	0°42	10°48	3°25	21°49	9°16	24° 2	26°19	26°53	5°15	3°52	T 5
W 6	18 56 11	14°22'38	2°12	8°45	3°22	1°18	10°48	3°23	21°47	9°16	24° 4	26°18	26°50	5°22	3°56	W 6
T 7	19 0 8	15°19'55	15°57	9°24	4°35	1°54	10°48	3°21	21°45	9°15	24° 6	26°16	26°47	5°28	3°59	T 7
F 8	19 4 4	16°17'12	29°29	9°59	5°49	2°30	10°D48	3°19	21°43	9°14	24° 7	26°15	26°44	5°35	4° 2	F 8
S 9	19 8 1	17°14'28	12°46	10°30	7° 2	3° 6	10°48	3°16	21°42	9°13	24° 9	26°14	26°41	5°42	4° 6	S 9
S 10	19 11 57	18°11'44	25°47	10°57	8°15	3°42	10°48	3°14	21°40	9°12	24°10	26°D14	26°37	5°48	4° 9	S 10
M11	19 15 54	19° 9'00	8°L32	11°19	9°28	4°18	10°48	3°11	21°38	9°12	24°12	26°14	26°34	5°55	4°12	M11
T 12	19 19 50	20° 6'16	21° 1	11°37	10°41	4°54	10°49	3° 9	21°36	9°11	24°13	26°15	26°31	6° 2	4°15	T 12
W13	19 23 47	21° 3'31	3°M17	11°50	11°55	5°30	10°50	3° 6	21°34	9°10	24°15	26°15	26°28	6° 9	4°18	W13
T 14	19 27 43	22° 0'46	15°22	11°59	13° 8	6° 6	10°51	3° 3	21°32	9° 9	24°16	26°16	26°25	6°15	4°21	T 14
F 15	19 31 40	22°58'01	27°19	12°R 3	14°21	6°43	10°52	3° 1	21°30	9° 8	24°18	26°16	26°22	6°22	4°24	F 15
S 16	19 35 37	23°55'16	9°L12	12° 3	15°34	7°19	10°53	2°58	21°28	9° 7	24°19	26°16	26°18	6°29	4°27	S 16
S 17	19 39 33	24°52'30	21° 5	11°58	16°47	7°55	10°55	2°55	21°26	9° 6	24°21	26°R17	26°15	6°35	4°30	S 17
M18	19 43 30	25°49'44	3°M 3	11°48	18° 0	8°32	10°57	2°52	21°24	9° 5	24°22	26°D17	26°12	6°42	4°33	M18
T 19	19 47 26	26°46'58	15°11	11°34	19°13	9° 8	10°59	2°49	21°22	9° 4	24°24	26°17	26° 9	6°49	4°36	T 19
W20	19 51 23	27°44'11	27°33	11°15	20°26	9°44	11° 1	2°45	21°20	9° 2	24°25	26°17	26° 6	6°56	4°39	W20
T 21	19 55 19	28°41'25	10°M12	10°52	21°39	10°21	11° 3	2°42	21°18	9° 1	24°27	26°17	26° 2	7° 2	4°42	T 21
F 22	19 59 16	29°38'38	23°11	10°25	22°52	10°57	11° 5	2°39	21°15	9° 0	24°29	26°17	25°59	7° 9	4°44	F 22
S 23	20 3 12	0°L35'52	6°Z32	9°55	24° 5	11°34	11° 8	2°35	21°13	8°59	24°30	26°17	25°56	7°16	4°47	S 23
S 24	20 7 9	1°33'05	20°14	9°22	25°18	12°10	11°11	2°32	21°11	8°58	24°32	26°R18	25°53	7°22	4°50	S 24
M25	20 11 6	2°30'19	4°M16	8°46	26°31	12°47	11°13	2°28	21° 9	8°57	24°33	26°18	25°50	7°29	4°52	M25
T 26	20 15 2	3°27'33	18°35	8° 8	27°44	13°24	11°17	2°25	21° 7	8°55	24°35	26°17	25°47	7°36	4°55	T 26
W27	20 18 59	4°24'47	3°H 4	7°28	28°57	14° 0	11°20	2°21	21° 4	8°54	24°36	26°17	25°43	7°43	4°57	W27
T 28	20 22 55	5°22'02	17°39	6°48	0°M10	14°37	11°23	2°18	21° 2	8°53	24°38	26°16	25°40	7°49	5° 0	T 28
F 29	20 26 52	6°19'17	2°Y14	6° 8	1°23	15°14	11°27	2°14	21° 0	8°51	24°39	26°15	25°37	7°56	5° 2	F 29
S 30	20 30 48	7°16'33	16°42	5°28	2°35	15°51	11°31	2°10	20°58	8°50	24°41	26°14	25°34	8° 3	5° 5	S 30
S 31	20 34 45	8°L13'50	1°Z 1	4°L50	3°M48	16°M27	11°M34	2°H 6	20°55	8°H49	24°42	26°L13	25°L31	8°L 9	5°H 7	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
F 1	23n 0	7s19	4s20	19n40	0n38	21n55	1n19	13n10	1n14	13s54	1n12	11s22	1s17	14s50	0s43	F 1
S 2	22 56	2 14	4 56	19 15	0 27	21 42	1 20	12 57	1 13	13 53	1 12	11 23	1 17	14 50	0 43	S 2
S 3	22 51	2n57	5 14	18 51	0 15	21 28	1 21	12 44	1 12	13 53	1 11	11 24	1 17	14 51	0 43	S 3
M 4	22 46	7 57	5 13	18 26	0 3	21 13	1 23	12 31	1 12	13 53	1 11	11 25	1 18	14 52	0 43	M 4
T 5	22 41	12 30	4 53	18 2	0s10	20 58	1 24	12 18	1 11	13 53	1 11	11 25	1 18	14 52	0 43	T 5
W 6	22 35	16 20	4 16	17 38	0 23	20 43	1 25	12 5	1 11	13 54	1 11	11 26	1 18	14 53	0 43	W 6
T 7	22 28	19 13	3 25	17 15	0 37	20 26	1 26	11 51	1 10	13 54	1 10	11 27	1 18	14 53	0 43	T 7
F 8	22 22	20 58	2 23	16 52	0 51	20 10	1 27	11 38	1 10	13 54	1 10	11 28	1 18	14 54	0 43	F 8
S 9	22 15	21 31	1 14	16 30	1 5	19 52	1 28	11 24	1 9	13 54	1 10	11 29	1 18	14 54	0 43	S 9
S 10	22 7	20 52	0 3	16 8	1 20	19 34	1 29	11 11	1 8	13 55	1 9	11 30	1 19	14 55	0 43	S 10
M11	21 59	19 9	1n 8	15 48	1 35	19 16	1 30	10 57	1 8	13 55	1 9	11 31	1 19	14 56	0 43	M11
T 12	21 51	16 32	2 13	15 28	1 50	18 57	1 31	10 43	1 7	13 55	1 9	11 33	1 19	14 56	0 43	T 12
W13	21 43	13 14	3 11	15 10	2 6	18 38	1 32	10 30	1 7	13 56	1 9	11 34	1 19	14 57	0 43	W13
T 14	21 34	9 26	4 0	14 53	2 21	18 18	1 33	10 16	1 6	13 56	1 8	11 35	1 19	14 58	0 44	T 14
F 15	21 24	5 19	4 38	14 37	2 36	17 57	1 33	10 2	1 6	13 57	1 8	11 36	1 20	14 58	0 44	F 15
S 16	21 15	1 1	5 3	14 22	2 52	17 36	1 34	9 48	1 5	13 58	1 8	11 37	1 20	14 59	0 44	S 16
S 17	21 5	3s19	5 16	14 9	3 7	17 15	1 34	9 34	1 5	13 58	1 8	11 38	1 20	15 0	0 44	S 17
M18	20 54	7 33	5 15	13 57	3 22	16 53	1 35	9 20	1 4	13 59	1 7	11 40	1 20	15 0	0 44	M18
T 19	20 43	11 33	5 0	13 48	3 36	16 31	1 35	9 6	1 3	14 0	1 7	11 41	1 20	15 1	0 44	T 19
W20	20 32	15 8	4 31	13 40	3 49	16 8	1 35	8 52	1 3	14 1	1 7	11 42	1 20	15 2	0 44	W20
T 21	20 21	18 7	3 49	13 33	4 2	15 45	1 36	8 37	1 2	14 2	1 7	11 44	1 20	15 2	0 44	T 21
F 22	20 9	20 17	2 53	13 29	4 14	15 21	1 36	8 23	1 2	14 3	1 6	11 45	1 21	15 3	0 44	F 22
S 23	19 57	21 24	1 47	13 26	4 25	14 57	1 36	8 9	1 1	14 4	1 6	11 46	1 21	15 4	0 44	S 23
S 24	19 44	21 17	0 34	13 25	4 35	14 33	1 36	7 54	1 1	14 5	1 6	11 48	1 21	15 5	0 44	S 24
M25	19 32	19 50	0s44	13 26	4 43	14 8	1 36	7 40	1 0	14 6	1 6	11 49	1 21	15 5	0 44	M25
T 26	19 19	17 7	2 0	13 29	4 50	13 43	1 36	7 25	0 59	14 7	1 5	11 50	1 21	15 6	0 44	T 26
W27	19 5	13 18	3 10	13 34	4 56	13 17	1 35	7 11	0 59	14 9	1 5	11 52	1 21	15 7	0 44	W27
T 28	18 51	8 40	4 7	13 40	5 0	12 51	1 35	6 56	0 58	14 10	1 5	11 53	1 22	15 7	0 44	T 28
F 29	18 37	3 32	4 49	13 48	5 2	12 25	1 35	6 41	0 58	14 11	1 5	11 55	1 22	15 8	0 44	F 29
S 30	18 23	1n44	5 12	13 57	5 2	11 59	1 34	6 27	0 57	14 13	1 4	11 56	1 22	15 9	0 44	S 30
S 31	18n 8	6n51	5s15	14n 7	5s 1	11n32	1n34	6n12	0n57	14s14	1n 4	11s58	1s22	15s10	0s44	S 31

Julian Day Number = 2696438.5, Delta T = 25m03s  
Ecliptic obliquity = 23°21'03, Nutation = - 0°00'15  
Ayanamsha: Fagan/Bradley = 34°07'11, Lahiri = 33°14'11

## ASTRODIENST EPHEMERIS for the year 2670

AUGUST 2670

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	20 38 41	9♏11°08	15♋6	4°R13	5♍1	17♎4	11♍39	2°R 2	20°R53	8°R47	24♎44	26°D13	25♎28	8♏16	5♏9	M 1
T 2	20 42 38	10° 8'26	28°58	3♏39	6°14	17°41	11°43	1♋58	20°51	8♋46	24°45	26♎14	25°24	8°23	5°12	T 2
W 3	20 46 35	11° 5'45	12♏34	3° 9	7°26	18°18	11°47	1°54	20°48	8°45	24°47	26°15	25°21	8°30	5°14	W 3
T 4	20 50 31	12° 3'05	25°56	2°42	8°39	18°55	11°52	1°50	20°46	8°43	24°48	26°16	25°18	8°36	5°16	T 4
F 5	20 54 28	13° 0'26	9♎3	2°20	9°52	19°32	11°56	1°46	20°44	8°42	24°50	26°17	25°15	8°43	5°18	F 5
S 6	20 58 24	13°57'48	21°57	2° 3	11° 4	20° 9	12° 1	1°42	20°41	8°40	24°51	26°R18	25°12	8°50	5°20	S 6
S 7	21 2 21	14°55'10	4♏38	1°51	12°17	20°46	12° 6	1°38	20°39	8°39	24°53	26°17	25° 8	8°57	5°22	S 7
M 8	21 6 17	15°52'33	17° 7	1°45	13°30	21°23	12°11	1°34	20°36	8°38	24°54	26°16	25° 5	9° 3	5°24	M 8
T 9	21 10 14	16°49'56	29°25	1°D44	14°42	22° 1	12°17	1°29	20°34	8°36	24°55	26°14	25° 2	9°10	5°26	T 9
W10	21 14 10	17°47'21	11♎34	1°49	15°55	22°38	12°22	1°25	20°32	8°35	24°57	26°11	24°59	9°17	5°28	W10
T 11	21 18 7	18°44'46	23°34	2° 1	17° 7	23°15	12°28	1°21	20°29	8°33	24°58	26° 8	24°56	9°23	5°29	T 11
F 12	21 22 4	19°42'11	5♏29	2°19	18°20	23°52	12°34	1°16	20°27	8°31	25° 0	26° 4	24°53	9°30	5°31	F 12
S 13	21 26 0	20°39'37	17°21	2°43	19°32	24°30	12°40	1°12	20°24	8°30	25° 1	26° 0	24°49	9°37	5°33	S 13
S 14	21 29 57	21°37'04	29°13	3°14	20°45	25° 7	12°46	1° 8	20°22	8°28	25° 3	25°58	24°46	9°44	5°34	S 14
M15	21 33 53	22°34'32	11♍10	3°51	21°57	25°44	12°52	1° 3	20°20	8°27	25° 4	25°56	24°43	9°50	5°36	M15
T 16	21 37 50	23°32'00	23°15	4°35	23°10	26°22	12°58	0°59	20°17	8°25	25° 5	25°D55	24°40	9°57	5°37	T 16
W17	21 41 46	24°29'29	5♏34	5°24	24°22	26°59	13° 5	0°54	20°15	8°24	25° 7	25°56	24°37	10° 4	5°39	W17
T 18	21 45 43	25°26'58	18°11	6°20	25°34	27°37	13°11	0°50	20°12	8°22	25° 8	25°57	24°33	10°10	5°40	T 18
F 19	21 49 39	26°24'29	1♏10	7°22	26°46	28°15	13°18	0°45	20°10	8°21	25° 9	25°59	24°30	10°17	5°42	F 19
S 20	21 53 36	27°22'00	14°33	8°30	27°59	28°52	13°25	0°41	20° 8	8°19	25°11	26° 0	24°27	10°24	5°43	S 20
S 21	21 57 33	28°19'32	28°23	9°43	29°11	29°30	13°32	0°37	20° 5	8°17	25°12	26°R 0	24°24	10°31	5°44	S 21
M22	22 1 29	29°17'05	12♎38	11° 2	0♏23	0♏7	13°39	0°32	20° 3	8°16	25°13	25°59	24°21	10°37	5°45	M22
T 23	22 5 26	0♏14'38	27°15	12°26	1°35	0°45	13°46	0°28	20° 1	8°14	25°15	25°57	24°18	10°44	5°46	T 23
W24	22 9 22	1°12'13	12♋8	13°55	2°47	1°23	13°54	0°23	19°58	8°12	25°16	25°53	24°14	10°51	5°47	W24
T 25	22 13 19	2° 9'49	27° 9	15°29	3°59	2° 1	14° 1	0°19	19°56	8°11	25°17	25°48	24°11	10°57	5°48	T 25
F 26	22 17 15	3° 7'27	12♎8	17° 7	5°11	2°39	14° 9	0°14	19°54	8° 9	25°19	25°43	24° 8	11° 4	5°49	F 26
S 27	22 21 12	4° 5'05	26°57	18°49	6°23	3°16	14°17	0°10	19°51	8° 8	25°20	25°38	24° 5	11°11	5°50	S 27
S 28	22 25 8	5° 2'46	11♋29	20°35	7°35	3°54	14°25	0° 5	19°49	8° 6	25°21	25°34	24° 2	11°18	5°51	S 28
M29	22 29 5	6° 0'28	25°40	22°23	8°47	4°32	14°33	0° 1	19°47	8° 4	25°22	25°32	23°59	11°24	5°52	M29
T 30	22 33 2	6°58'11	9♏29	24°15	9°59	5°10	14°41	29°56	19°44	8° 3	25°24	25°D32	23°55	11°31	5°53	T 30
W31	22 36 58	7♎55'56	22♏56	26♏8	11♏11	5♏48	14♎49	29°52	19°42	8♋1	25°25	25°32	23°52	11♏38	5♏53	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	17n54	11n32	4s59	14n18	4s58	11n 5	1n33	5n57	0n56	14s15	1n 4	11s59	1s22	15s10	0s44	8s46	M 1
T 2	17 38	15 31	4 26	14 31	4 53	10 38	1 32	5 42	0 55	14 17	1 4	12 1	1 22	15 11	0 44	8 46	T 2
W 3	17 23	18 36	3 39	14 44	4 47	10 10	1 32	5 27	0 55	14 19	1 3	12 2	1 22	15 12	0 44	8 47	W 3
T 4	17 7	20 37	2 40	14 57	4 39	9 42	1 31	5 12	0 54	14 20	1 3	12 4	1 23	15 13	0 44	8 48	T 4
F 5	16 51	21 29	1 34	15 11	4 30	9 14	1 30	4 57	0 54	14 22	1 3	12 6	1 23	15 14	0 44	8 48	F 5
S 6	16 35	21 11	0 24	15 25	4 19	8 46	1 29	4 42	0 53	14 24	1 3	12 7	1 23	15 14	0 44	8 49	S 6
S 7	16 18	19 47	0n46	15 39	4 8	8 17	1 28	4 27	0 53	14 25	1 2	12 9	1 23	15 15	0 44	8 49	S 7
M 8	16 1	17 26	1 52	15 53	3 55	7 48	1 27	4 12	0 52	14 27	1 2	12 10	1 23	15 16	0 44	8 50	M 8
T 9	15 44	14 20	2 52	16 6	3 41	7 19	1 26	3 57	0 52	14 29	1 2	12 12	1 23	15 17	0 44	8 51	T 9
W10	15 27	10 39	3 44	16 19	3 27	6 50	1 24	3 42	0 51	14 31	1 2	12 14	1 23	15 17	0 44	8 51	W10
T 11	15 9	6 36	4 25	16 31	3 12	6 21	1 23	3 27	0 50	14 33	1 1	12 15	1 23	15 18	0 44	8 52	T 11
F 12	14 51	2 20	4 54	16 42	2 56	5 51	1 22	3 11	0 50	14 35	1 1	12 17	1 23	15 19	0 44	8 52	F 12
S 13	14 33	2s 0	5 10	16 52	2 41	5 21	1 20	2 56	0 49	14 37	1 1	12 19	1 24	15 20	0 44	8 53	S 13
S 14	14 15	6 16	5 13	17 1	2 24	4 51	1 18	2 41	0 49	14 39	1 1	12 20	1 24	15 20	0 44	8 53	S 14
M15	13 56	10 19	5 3	17 8	2 8	4 22	1 17	2 25	0 48	14 41	1 0	12 22	1 24	15 21	0 44	8 54	M15
T 16	13 38	14 1	4 39	17 14	1 52	3 51	1 15	2 10	0 48	14 43	1 0	12 24	1 24	15 22	0 44	8 54	T 16
W17	13 19	17 11	4 2	17 18	1 36	3 21	1 13	1 55	0 47	14 45	1 0	12 25	1 24	15 23	0 44	8 55	W17
T 18	12 59	19 38	3 12	17 20	1 20	2 51	1 12	1 39	0 47	14 47	1 0	12 27	1 24	15 23	0 44	8 56	T 18
F 19	12 40	21 9	2 12	17 20	1 4	2 21	1 10	1 24	0 46	14 50	1 0	12 29	1 24	15 24	0 44	8 56	F 19
S 20	12 21	21 32	1 2	17 18	0 48	1 50	1 8	1 9	0 45	14 52	0 59	12 30	1 24	15 25	0 44	8 57	S 20
S 21	12 1	20 37	0s13	17 13	0 33	1 20	1 6	0 53	0 45	14 54	0 59	12 32	1 24	15 26	0 44	8 58	S 21
M22	11 41	18 23	1 30	17 6	0 19	0 49	1 3	0 38	0 44	14 56	0 59	12 34	1 24	15 26	0 44	8 58	M22
T 23	11 21	14 55	2 42	16 56	0 5	0 18	1 1	0 22	0 44	14 59	0 59	12 35	1 24	15 27	0 44	8 59	T 23
W24	11 0	10 27	3 45	16 44	0n 9	0s12	0 59	0 7	0 43	15 1	0 59	12 37	1 25	15 28	0 44	8 59	W24
T 25	10 40	5 18	4 33	16 28	0 21	0 43	0 57	0s 9	0 43	15 4	0 58	12 39	1 25	15 29	0 44	9 0	T 25
F 26	10 19	0n 9	5 2	16 10	0 33	1 13	0 54	0 24	0 42	15 6	0 58	12 40	1 25	15 29	0 44	9 1	F 26
S 27	9 59	5 31	5 10	15 50	0 44	1 44	0 52	0 40	0 41	15 9	0 58	12 42	1 25	15 30	0 44	9 1	S 27
S 28	9 38	10 29	4 59	15 26	0 54	2 15	0 49	0 55	0 41	15 11	0 58	12 43	1 25	15 31	0 44	9 2	S 28
M29	9 16	14 45	4 29	15 0	1 3	2 45	0 47	1 11	0 40	15 14	0 57	12 45	1 25	15 31	0 44	9 2	M29
T 30	8 55	18 6	3 44	14 31	1 12	3 16	0 44	1 26	0 40	15 16	0 57	12 47	1 25	15 32	0 44	9 3	T 30
W31	8n34	20n22	2s48	14n 0	1n19	3s46	0n41	1s42	0n39	15s19	0n57	12s48	1s25	15s33	0s44	9s 4	W31

Julian Day Number = 2696469.5, Delta T = 25m03s

Ecliptic obliquity = 23°21'04, Nutation = - 0°00'15

Ayanamsha: Fagan/Bradley = 34°07'16, Lahiri = 33°14'16

## ASTRODIENST EPHEMERIS for the year 2670

SEPTEMBER 2670

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 40 55	8♍53'43	6♋3	28♏4	12♎23	6♊26	14♌58	29°R47	19°R40	7°R59	25♋26	25♋34	23♋49	11♎44	5♏54	T 1
F 2	22 44 51	9°51'32	18°53	0♏1	13°35	7°5	15°6	29°43	19°38	7°58	25°27	25°35	23°46	11°51	5°54	F 2
S 3	22 48 48	10°49'22	1♏29	1°59	14°46	7°43	15°15	29°39	19°36	7°56	25°28	25°R35	23°43	11°58	5°55	S 3
S 4	22 52 44	11°47'13	13°53	3°58	15°58	8°21	15°23	29°34	19°33	7°54	25°29	25°33	23°39	12°5	5°55	S 4
M 5	22 56 41	12°45'06	26°7	5°58	17°10	8°59	15°32	29°30	19°31	7°53	25°30	25°29	23°36	12°11	5°56	M 5
T 6	23 0 37	13°43'01	8♏13	7°57	18°21	9°38	15°41	29°26	19°29	7°51	25°32	25°23	23°33	12°18	5°56	T 6
W 7	23 4 34	14°40'57	20°14	9°57	19°33	10°16	15°50	29°21	19°27	7°50	25°33	25°15	23°30	12°25	5°56	W 7
T 8	23 8 30	15°38'55	2♊9	11°56	20°45	10°54	16°0	29°17	19°25	7°48	25°34	25°6	23°27	12°32	5°56	T 8
F 9	23 12 27	16°36'53	14°2	13°55	21°56	11°33	16°9	29°13	19°23	7°46	25°35	24°56	23°24	12°38	5°56	F 9
S 10	23 16 24	17°34'54	25°53	15°53	23°7	12°11	16°18	29°9	19°21	7°45	25°36	24°46	23°20	12°45	5°R56	S 10
S 11	23 20 20	18°32'56	7♌45	17°50	24°19	12°50	16°28	29°5	19°19	7°43	25°37	24°38	23°17	12°52	5°56	S 11
M12	23 24 17	19°30'59	19°41	19°46	25°30	13°28	16°37	29°1	19°17	7°42	25°38	24°32	23°14	12°58	5°56	M12
T 13	23 28 13	20°29'03	1♌45	21°42	26°42	14°7	16°47	28°57	19°15	7°40	25°39	24°28	23°11	13°5	5°56	T 13
W14	23 32 10	21°27'10	14°0	23°36	27°53	14°45	16°57	28°53	19°13	7°38	25°40	24°26	23°8	13°12	5°56	W14
T 15	23 36 6	22°25'17	26°33	25°29	29°4	15°24	17°7	28°49	19°11	7°37	25°41	24°D26	23°5	13°19	5°56	T 15
F 16	23 40 3	23°23'26	9♋26	27°21	0♏15	16°3	17°17	28°45	19°9	7°35	25°42	24°26	23°1	13°25	5°55	F 16
S 17	23 43 59	24°21'36	22°44	29°12	1°26	16°42	17°27	28°41	19°7	7°34	25°43	24°R27	22°58	13°32	5°55	S 17
S 18	23 47 56	25°19'48	6♋31	1♊2	2°38	17°20	17°37	28°37	19°6	7°32	25°43	24°26	22°55	13°39	5°54	S 18
M19	23 51 53	26°18'01	20°46	2°51	3°49	17°59	17°47	28°34	19°4	7°31	25°44	24°24	22°52	13°45	5°54	M19
T 20	23 55 49	27°16'15	5♏29	4°38	4°59	18°38	17°57	28°30	19°2	7°29	25°45	24°19	22°49	13°52	5°53	T 20
W21	23 59 46	28°14'31	20°32	6°24	6°10	19°17	18°8	28°26	19°1	7°28	25°46	24°11	22°45	13°59	5°53	W21
T 22	0 3 42	29°12'49	5♏48	8°10	7°21	19°56	18°18	28°23	18°59	7°26	25°47	24°2	22°42	14°6	5°52	T 22
F 23	0 7 39	0♊11'09	21°6	9°54	8°32	20°35	18°29	28°19	18°57	7°25	25°48	23°53	22°39	14°12	5°51	F 23
S 24	0 11 35	1°9'30	6♋14	11°37	9°43	21°14	18°40	28°16	18°56	7°23	25°48	23°44	22°36	14°19	5°50	S 24
S 25	0 15 32	2°7'54	21°2	13°18	10°53	21°53	18°50	28°13	18°54	7°22	25°49	23°36	22°33	14°26	5°50	S 25
M26	0 19 28	3°6'20	5♏25	14°59	12°4	22°32	19°1	28°9	18°53	7°20	25°50	23°31	22°30	14°33	5°49	M26
T 27	0 23 25	4°4'48	19°21	16°39	13°15	23°11	19°12	28°6	18°51	7°19	25°51	23°28	22°26	14°39	5°48	T 27
W28	0 27 22	5°3'18	2♋49	18°17	14°25	23°51	19°23	28°3	18°50	7°17	25°51	23°D27	22°23	14°46	5°47	W28
T 29	0 31 18	6°1'50	15°52	19°55	15°36	24°30	19°34	28°0	18°48	7°16	25°52	23°28	22°20	14°53	5°46	T 29
F 30	0 35 15	7♊0'24	28♋34	21♊32	16♌46	25♊9	19♌45	27°57	18°47	7°15	25°53	23°R28	22°17	14°59	5♏44	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	8n12	21n29	1s44	13n26	1n26	4s17	0n39	1s57	0n39	15s21	0n57	12s50	1s25	15s34	0s44	9s4
F 2	7 51	21 26	0 36	12 51	1 31	4 47	0 36	2 13	0 38	15 24	0 57	12 51	1 25	15 34	0 44	9 5
S 3	7 29	20 16	0n32	12 13	1 36	5 18	0 33	2 28	0 38	15 27	0 56	12 53	1 25	15 35	0 44	9 6
S 4	7 7	18 9	1 37	11 34	1 39	5 48	0 30	2 44	0 37	15 30	0 56	12 55	1 25	15 36	0 44	9 6
M 5	6 45	15 14	2 37	10 53	1 42	6 18	0 27	3 0	0 36	15 32	0 56	12 56	1 25	15 36	0 44	9 7
T 6	6 23	11 41	3 29	10 10	1 44	6 48	0 24	3 15	0 36	15 35	0 56	12 58	1 25	15 37	0 44	9 7
W 7	6 1	7 42	4 11	9 26	1 46	7 18	0 21	3 31	0 35	15 38	0 56	12 59	1 25	15 38	0 44	9 8
T 8	5 38	3 27	4 42	8 42	1 46	7 48	0 18	3 46	0 35	15 41	0 56	13 1	1 25	15 38	0 44	9 9
F 9	5 16	0s54	5 0	7 56	1 46	8 17	0 15	4 2	0 34	15 43	0 55	13 2	1 25	15 39	0 44	9 9
S 10	4 53	5 13	5 5	7 10	1 45	8 47	0 12	4 17	0 34	15 46	0 55	13 4	1 25	15 39	0 44	9 10
S 11	4 31	9 21	4 58	6 23	1 43	9 16	0 8	4 32	0 33	15 49	0 55	13 5	1 25	15 40	0 44	9 10
M12	4 8	13 9	4 37	5 35	1 41	9 45	0 5	4 48	0 32	15 52	0 55	13 7	1 25	15 41	0 44	9 11
T 13	3 45	16 27	4 4	4 48	1 38	10 14	0 2	5 3	0 32	15 55	0 55	13 8	1 25	15 41	0 44	9 12
W14	3 23	19 6	3 19	4 0	1 35	10 42	0s2	5 19	0 31	15 58	0 54	13 9	1 25	15 42	0 44	9 12
T 15	3 0	20 55	2 23	3 11	1 32	11 11	0 5	5 34	0 31	16 1	0 54	13 11	1 25	15 42	0 44	9 13
F 16	2 37	21 42	1 19	2 23	1 28	11 39	0 8	5 50	0 30	16 4	0 54	13 12	1 25	15 43	0 44	9 13
S 17	2 14	21 18	0 9	1 35	1 23	12 7	0 12	6 5	0 30	16 7	0 54	13 13	1 25	15 44	0 44	9 14
S 18	1 51	19 37	1s4	0 47	1 18	12 35	0 15	6 20	0 29	16 10	0 54	13 15	1 25	15 44	0 44	9 15
M19	1 28	16 39	2 16	0s0	1 13	13 2	0 19	6 35	0 28	16 13	0 54	13 16	1 25	15 45	0 44	9 15
T 20	1 5	12 34	3 20	0 48	1 8	13 29	0 22	6 51	0 28	16 16	0 53	13 17	1 25	15 45	0 44	9 16
W21	0 42	7 36	4 13	1 35	1 2	13 56	0 26	7 6	0 27	16 19	0 53	13 19	1 25	15 46	0 44	9 16
T 22	0 19	2 6	4 48	2 22	0 56	14 23	0 30	7 21	0 27	16 22	0 53	13 20	1 25	15 46	0 44	9 17
F 23	0s4	3n32	5 2	3 9	0 50	14 49	0 33	7 36	0 26	16 25	0 53	13 21	1 25	15 47	0 44	9 17
S 24	0 28	8 53	4 56	3 55	0 43	15 15	0 37	7 51	0 26	16 28	0 53	13 22	1 25	15 47	0 44	9 18
S 25	0 51	13 37	4 29	4 40	0 37	15 41	0 40	8 7	0 25	16 31	0 53	13 23	1 25	15 48	0 43	9 18
M26	1 14	17 25	3 46	5 25	0 30	16 6	0 44	8 22	0 24	16 34	0 52	13 24	1 25	15 48	0 43	9 19
T 27	1 37	20 5	2 51	6 10	0 23	16 31	0 48	8 37	0 24	16 37	0 52	13 26	1 25	15 48	0 43	9 20
W28	2 0	21 32	1 47	6 54	0 16	16 56	0 51	8 52	0 23	16 40	0 52	13 27	1 25	15 49	0 43	9 20
T 29	2 23	21 45	0 40	7 37	0 9	17 20	0 55	9 6	0 23	16 44	0 52	13 28	1 25	15 49	0 43	9 21
F 30	2s46	20n49	0n27	8s20	0n2	17s43	0s59	9s21	0n22	16s47	0n52	13s29	1s25	15s50	0s43	9s21

Julian Day Number = 2696500.5, Delta T = 25m04s

Ecliptic obliquity = 23°21'05, Nutation = - 0°00'15

Ayanamsha: Fagan/Bradley = 34°07'20, Lahiri = 33°14'20



## ASTRODIENST EPHEMERIS for the year 2670

NOVEMBER 2670

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 41 24	8♈31'52	26♏ 9	2♋39	23♌35	16♈32	26♈13	27°D 8	18♌28	6°R43	26°R 1	20°R 9	20♊35	18♌35	4°R40	T 1
W 2	2 45 21	9°31'32	8♈ 1	3°21	24°42	17°13	26°26	27°8	18°28	6°42	26° 1	19°58	20°32	18°41	4°38	W 2
T 3	2 49 17	10°31'15	19°52	3°59	25°50	17°54	26°39	27° 8	18°28	6°42	26° 0	19°46	20°29	18°48	4°35	T 3
F 4	2 53 14	11°30'59	1♈46	4°32	26°56	18°35	26°52	27° 8	18°29	6°41	26° 0	19°32	20°26	18°55	4°32	F 4
S 5	2 57 11	12°30'46	13°44	4°59	28° 3	19°16	27° 5	27° 9	18°29	6°41	26° 0	19°19	20°22	19° 1	4°29	S 5
S 6	3 1 7	13°30'34	25°46	5°19	29°10	19°57	27°18	27° 9	18°29	6°40	26° 0	19° 8	20°19	19° 8	4°26	S 6
M 7	3 5 4	14°30'24	7♌54	5°33	0♌16	20°38	27°31	27°10	18°30	6°40	26° 0	18°58	20°16	19°15	4°24	M 7
T 8	3 9 0	15°30'17	20°10	5°R40	1°23	21°19	27°44	27°11	18°30	6°39	25°59	18°52	20°13	19°22	4°21	T 8
W 9	3 12 57	16°30'11	2♌35	5°39	2°29	22° 1	27°57	27°11	18°31	6°39	25°59	18°48	20°10	19°28	4°18	W 9
T 10	3 16 53	17°30'06	15°13	5°29	3°35	22°42	28°10	27°12	18°32	6°39	25°59	18°D47	20° 7	19°35	4°15	T 10
F 11	3 20 50	18°30'04	28° 5	5°10	4°40	23°23	28°23	27°13	18°32	6°39	25°58	18°47	20° 3	19°42	4°12	F 11
S 12	3 24 46	19°30'02	11♌15	4°42	5°46	24° 5	28°36	27°14	18°33	6°38	25°58	18°48	20° 0	19°48	4° 9	S 12
S 13	3 28 43	20°30'03	24°46	4° 4	6°51	24°46	28°49	27°16	18°34	6°38	25°57	18°R48	19°57	19°55	4° 6	S 13
M14	3 32 40	21°30'05	8♈40	3°16	7°56	25°28	29° 3	27°17	18°35	6°38	25°57	18°46	19°54	20° 2	4° 3	M14
T 15	3 36 36	22°30'08	22°58	2°20	9° 1	26° 9	29°16	27°18	18°35	6°38	25°57	18°43	19°51	20° 9	4° 0	T 15
W16	3 40 33	23°30'13	7♏38	1°16	10° 6	26°51	29°29	27°20	18°36	6°38	25°56	18°37	19°47	20°15	3°57	W16
T 17	3 44 29	24°30'19	22°34	0° 5	11°10	27°32	29°42	27°21	18°37	6°38	25°56	18°30	19°44	20°22	3°54	T 17
F 18	3 48 26	25°30'27	7♈49	28♈49	12°14	28°14	29°55	27°23	18°38	6°D38	25°55	18°21	19°41	20°29	3°51	F 18
S 19	3 52 22	26°30'37	22°45	27°30	13°18	28°56	0♌ 8	27°25	18°39	6°38	25°55	18°13	19°38	20°36	3°48	S 19
S 20	3 56 19	27°30'49	7♈38	26°10	14°22	29°37	0°22	27°27	18°41	6°38	25°54	18° 6	19°35	20°42	3°45	S 20
M21	4 0 15	28°31'02	22°13	24°53	15°25	0♌19	0°35	27°29	18°42	6°38	25°54	18° 1	19°32	20°49	3°42	M21
T 22	4 4 12	29°31'17	6♌23	23°41	16°28	1° 1	0°48	27°31	18°43	6°38	25°53	17°59	19°28	20°56	3°38	T 22
W23	4 8 9	0♌31'35	20° 5	22°35	17°31	1°43	1° 1	27°33	18°44	6°38	25°52	17°D58	19°25	21° 2	3°35	W23
T 24	4 12 5	1°31'54	3♈19	21°38	18°33	2°25	1°15	27°35	18°46	6°38	25°52	17°59	19°22	21° 9	3°32	T 24
F 25	4 16 2	2°32'14	16° 8	20°52	19°35	3° 7	1°28	27°38	18°47	6°39	25°51	18° 0	19°19	21°16	3°29	F 25
S 26	4 19 58	3°32'37	28°36	20°16	20°37	3°49	1°41	27°40	18°48	6°39	25°50	18°R 1	19°16	21°23	3°26	S 26
S 27	4 23 55	4°33'02	10♏48	19°53	21°39	4°31	1°54	27°43	18°50	6°39	25°50	18° 1	19°13	21°29	3°23	S 27
M28	4 27 51	5°33'28	22°48	19°41	22°40	5°13	2° 7	27°45	18°51	6°39	25°49	17°59	19° 9	21°36	3°20	M28
T 29	4 31 48	6°33'56	4♈41	19°D40	23°41	5°55	2°21	27°48	18°53	6°40	25°48	17°56	19° 6	21°43	3°17	T 29
W30	4 35 44	7♌34'26	16♈33	19♈50	24♌41	6♌38	2♌34	27°51	18°54	6°40	25°47	17°50	19° 3	21°50	3°11	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	14s18	5n44	4n36	23s38	3s 5	25s56	2s44	16s40	0n 4	18s27	0n48	13s44	1s24	15s55	0s42	9s33
W 2	14 37	1 21	4 55	23 47	3 5	26 1	2 47	16 52	0 3	18 31	0 48	13 44	1 24	15 55	0 42	9 33
T 3	14 55	3s 5	5 1	23 54	3 5	26 6	2 49	17 4	0 3	18 34	0 48	13 44	1 23	15 54	0 42	9 33
F 4	15 14	7 26	4 55	23 59	3 4	26 10	2 51	17 16	0 2	18 37	0 48	13 44	1 23	15 54	0 42	9 33
S 5	15 32	11 31	4 35	24 1	3 1	26 13	2 53	17 27	0 1	18 40	0 48	13 43	1 23	15 54	0 42	9 34
S 6	15 50	15 12	4 3	24 2	2 58	26 16	2 55	17 39	0 1	18 43	0 48	13 43	1 23	15 54	0 42	9 34
M 7	16 8	18 16	3 19	24 0	2 54	26 18	2 57	17 50	0 0	18 46	0 48	13 43	1 23	15 54	0 42	9 34
T 8	16 25	20 33	2 26	23 55	2 48	26 20	2 59	18 2	0s 0	18 49	0 47	13 43	1 23	15 54	0 42	9 34
W 9	16 43	21 54	1 25	23 48	2 41	26 20	3 1	18 13	0 1	18 52	0 47	13 42	1 23	15 53	0 42	9 34
T 10	17 0	22 10	0 19	23 38	2 32	26 21	3 2	18 24	0 2	18 55	0 47	13 42	1 23	15 53	0 42	9 34
F 11	17 16	21 17	0s50	23 24	2 22	26 20	3 4	18 35	0 2	18 58	0 47	13 41	1 23	15 53	0 42	9 34
S 12	17 33	19 13	1 57	23 8	2 10	26 19	3 5	18 46	0 3	19 1	0 47	13 41	1 23	15 53	0 42	9 34
S 13	17 49	16 3	3 0	22 47	1 56	26 17	3 7	18 57	0 3	19 4	0 47	13 40	1 23	15 52	0 42	9 34
M14	18 4	11 55	3 54	22 24	1 41	26 14	3 8	19 7	0 4	19 6	0 47	13 40	1 23	15 52	0 42	9 34
T 15	18 20	7 0	4 36	21 56	1 25	26 11	3 9	19 17	0 4	19 9	0 47	13 39	1 23	15 52	0 42	9 34
W16	18 35	1 35	5 0	21 25	1 7	26 7	3 10	19 28	0 5	19 12	0 47	13 39	1 23	15 52	0 42	9 34
T 17	18 50	4n 2	5 5	20 52	0 47	26 3	3 11	19 38	0 6	19 15	0 47	13 38	1 22	15 51	0 42	9 34
F 18	19 4	9 28	4 49	20 16	0 27	25 58	3 11	19 48	0 6	19 18	0 47	13 38	1 22	15 51	0 42	9 34
S 19	19 18	14 19	4 12	19 38	0 7	25 52	3 12	19 57	0 7	19 21	0 47	13 37	1 22	15 51	0 42	9 34
S 20	19 32	18 14	3 19	19 0	0n14	25 46	3 12	20 7	0 7	19 24	0 47	13 36	1 22	15 50	0 42	9 34
M21	19 45	20 54	2 14	18 22	0 34	25 39	3 12	20 16	0 8	19 26	0 46	13 35	1 22	15 50	0 42	9 34
T 22	19 58	22 10	1 2	17 46	0 53	25 32	3 13	20 26	0 9	19 29	0 46	13 35	1 22	15 49	0 42	9 34
W23	20 11	22 3	0n11	17 12	1 11	25 23	3 13	20 35	0 9	19 32	0 46	13 34	1 22	15 49	0 42	9 34
T 24	20 24	20 40	1 22	16 42	1 27	25 15	3 12	20 44	0 10	19 35	0 46	13 33	1 22	15 48	0 42	9 34
F 25	20 35	18 16	2 26	16 16	1 42	25 6	3 12	20 52	0 10	19 37	0 46	13 32	1 22	15 48	0 42	9 34
S 26	20 47	15 4	3 22	15 55	1 54	24 56	3 12	21 1	0 11	19 40	0 46	13 31	1 22	15 48	0 42	9 34
S 27	20 58	11 18	4 7	15 39	2 5	24 46	3 11	21 9	0 11	19 43	0 46	13 30	1 22	15 47	0 42	9 34
M28	21 9	7 8	4 40	15 27	2 13	24 35	3 10	21 17	0 12	19 45	0 46	13 29	1 22	15 47	0 42	9 34
T 29	21 20	2 45	5 1	15 21	2 19	24 23	3 9	21 25	0 13	19 48	0 46	13 28	1 22	15 46	0 42	9 34
W30	21s30	1s43	5n 9	15s19	2n24	24s11	3s 8	21s33	0s13	19s51	0n46	13s27	1s22	15s46	0s42	9s33

Julian Day Number = 2696561.5, Delta T = 25m04s

Ecliptic obliquity = 23°21'05, Nutation = - 0°00'18

Ayanamsha: Fagan/Bradley = 34°07'28, Lahiri = 33°14'28

## ASTRODIENST EPHEMERIS for the year 2670

DECEMBER 2670

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 39 41	8°34'58	28°25	20°11	25°34	7°20	2°47	27°54	18°56	6°41	25°47	17°43	19°0	21°56	3°R11	T 1
F 2	4 43 38	9°35'31	10°22	20°40	26°41	8° 2	3° 0	27°57	18°58	6°41	25°46	17°36	18°57	22° 3	3°R 7	F 2
S 3	4 47 34	10°36'06	22°26	21°18	27°40	8°45	3°13	28° 0	19° 0	6°42	25°45	17°29	18°53	22°10	3° 4	S 3
S 4	4 51 31	11°36'43	4°38	22° 3	28°39	9°27	3°27	28° 3	19° 1	6°42	25°44	17°22	18°50	22°16	3° 1	S 4
M 5	4 55 27	12°37'21	16°59	22°54	29°37	10°10	3°40	28° 7	19° 3	6°43	25°43	17°17	18°47	22°23	2°58	M 5
T 6	4 59 24	13°38'00	29°31	23°52	0°35	10°52	3°53	28°10	19° 5	6°43	25°42	17°14	18°44	22°30	2°55	T 6
W 7	5 3 20	14°38'41	12°31	24°54	1°32	11°35	4° 6	28°14	19° 7	6°44	25°42	17°D12	18°41	22°37	2°52	W 7
T 8	5 7 17	15°39'23	25° 8	26° 1	2°29	12°18	4°19	28°17	19° 9	6°45	25°41	17°13	18°38	22°43	2°49	T 8
F 9	5 11 13	16°40'06	8°15	27°11	3°25	13° 0	4°32	28°21	19°11	6°45	25°40	17°14	18°34	22°50	2°46	F 9
S 10	5 15 10	17°40'50	21°35	28°25	4°21	13°43	4°45	28°25	19°13	6°46	25°39	17°15	18°31	22°57	2°43	S 10
S 11	5 19 7	18°41'35	5°11	29°41	5°16	14°26	4°59	28°29	19°15	6°47	25°38	17°17	18°28	23° 3	2°40	S 11
M12	5 23 3	19°42'21	19° 2	1° 0	6°11	15° 9	5°12	28°32	19°17	6°48	25°37	17°R17	18°25	23°10	2°37	M12
T13	5 27 0	20°43'08	3°19	2°20	7° 5	15°52	5°25	28°36	19°19	6°48	25°36	17°17	18°22	23°17	2°34	T13
W14	5 30 56	21°43'55	17°29	3°43	7°58	16°35	5°38	28°41	19°22	6°49	25°35	17°15	18°19	23°24	2°31	W14
T15	5 34 53	22°44'43	2° 1	5° 7	8°51	17°18	5°51	28°45	19°24	6°50	25°34	17°12	18°15	23°30	2°28	T15
F16	5 38 49	23°45'33	16°39	6°32	9°42	18° 1	6° 3	28°49	19°26	6°51	25°33	17° 9	18°12	23°37	2°26	F16
S17	5 42 46	24°46'23	1°18	7°58	10°34	18°44	6°16	28°53	19°28	6°52	25°32	17° 6	18° 9	23°44	2°23	S17
S18	5 46 42	25°47'14	15°50	9°26	11°24	19°27	6°29	28°58	19°31	6°53	25°31	17° 3	18° 6	23°51	2°20	S18
M19	5 50 39	26°48'06	0°10	10°53	12°14	20°10	6°42	29° 2	19°33	6°54	25°30	17° 1	18° 3	23°57	2°17	M19
T20	5 54 36	27°48'59	14°10	12°22	13° 2	20°53	6°55	29° 7	19°36	6°55	25°29	17°D 0	17°59	24° 4	2°14	T20
W21	5 58 32	28°49'53	27°49	13°51	13°50	21°37	7° 8	29°11	19°38	6°56	25°27	17° 1	17°56	24°11	2°12	W21
T22	6 2 29	29°50'48	11°5	15°21	14°37	22°20	7°21	29°16	19°41	6°57	25°26	17° 2	17°53	24°17	2° 9	T22
F23	6 6 25	0°51'45	23°58	16°51	15°23	23° 3	7°33	29°21	19°43	6°59	25°25	17° 3	17°50	24°24	2° 6	F23
S24	6 10 22	1°52'42	6°31	18°22	16° 8	23°47	7°46	29°26	19°46	7° 0	25°24	17° 4	17°47	24°31	2° 4	S24
S25	6 14 18	2°53'40	18°47	19°52	16°52	24°30	7°59	29°31	19°48	7° 1	25°23	17° 5	17°44	24°38	2° 1	S25
M26	6 18 15	3°54'39	0°50	21°23	17°35	25°14	8°11	29°36	19°51	7° 2	25°22	17°R 6	17°40	24°44	1°59	M26
T27	6 22 12	4°55'39	12°45	22°55	18°17	25°57	8°24	29°41	19°54	7° 3	25°21	17° 6	17°37	24°51	1°56	T27
W28	6 26 8	5°56'40	24°37	24°26	18°58	26°41	8°36	29°46	19°57	7° 5	25°19	17° 5	17°34	24°58	1°54	W28
T29	6 30 5	6°57'42	6°31	25°58	19°38	27°25	8°49	29°51	19°59	7° 6	25°18	17° 4	17°31	25° 5	1°51	T29
F30	6 34 1	7°58'45	18°30	27°30	20°16	28° 8	9° 1	29°57	20° 2	7° 7	25°17	17° 3	17°28	25°11	1°49	F30
S31	6 37 58	8°59'49	0°38	29°3	20°53	28°52	9°13	0° 2	20° 5	7° 9	25°16	17° 1	17°25	25°18	1°47	S31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	21s39	6s 8	5n 4	15s22	2n27	23s59	3s 7	21s41	0s14	19s53	0n46	13s26	1s21	15s45	0s41	T 1
F 2	21 48	10 21	4 46	15 28	2 28	23 46	3 5	21 48	0 14	19 56	0 46	13 25	1 21	15 44	0 41	F 2
S 3	21 57	14 12	4 14	15 38	2 28	23 33	3 3	21 56	0 15	19 58	0 46	13 24	1 21	15 44	0 41	S 3
S 4	22 6	17 32	3 31	15 50	2 27	23 19	3 1	22 3	0 16	20 1	0 46	13 23	1 21	15 43	0 41	S 4
M 5	22 14	20 6	2 37	16 5	2 25	23 5	2 59	22 9	0 16	20 3	0 46	13 21	1 21	15 43	0 41	M 5
T 6	22 21	21 46	1 35	16 22	2 22	22 50	2 57	22 16	0 17	20 6	0 46	13 20	1 21	15 42	0 41	T 6
W 7	22 28	22 20	0 27	16 41	2 18	22 35	2 55	22 23	0 17	20 8	0 46	13 19	1 21	15 41	0 41	W 7
T 8	22 35	21 44	0s43	17 1	2 14	22 19	2 52	22 29	0 18	20 11	0 46	13 18	1 21	15 41	0 41	T 8
F 9	22 41	19 57	1 53	17 22	2 9	22 3	2 49	22 35	0 18	20 13	0 46	13 16	1 21	15 40	0 41	F 9
S 10	22 47	17 3	2 57	17 44	2 3	21 47	2 46	22 41	0 19	20 16	0 46	13 15	1 21	15 40	0 41	S 10
S 11	22 52	13 11	3 53	18 6	1 57	21 31	2 43	22 46	0 20	20 18	0 46	13 13	1 21	15 39	0 41	S 11
M12	22 57	8 34	4 37	18 28	1 51	21 14	2 39	22 52	0 20	20 20	0 45	13 12	1 21	15 38	0 41	M12
T13	23 2	3 25	5 4	18 51	1 44	20 56	2 35	22 57	0 21	20 23	0 45	13 11	1 21	15 37	0 41	T13
W14	23 6	2n 0	5 14	19 13	1 37	20 39	2 31	23 2	0 21	20 25	0 45	13 9	1 21	15 37	0 41	W14
T15	23 9	7 23	5 3	19 36	1 30	20 21	2 27	23 7	0 22	20 27	0 45	13 8	1 21	15 36	0 41	T15
F16	23 12	12 23	4 33	19 57	1 23	20 3	2 23	23 11	0 23	20 30	0 45	13 6	1 21	15 35	0 41	F16
S17	23 15	16 40	3 46	20 19	1 16	19 44	2 18	23 16	0 23	20 32	0 45	13 5	1 20	15 34	0 41	S17
S18	23 17	19 54	2 43	20 39	1 8	19 26	2 13	23 20	0 24	20 34	0 45	13 3	1 20	15 34	0 41	S18
M19	23 19	21 49	1 32	20 59	1 1	19 7	2 8	23 24	0 24	20 36	0 45	13 1	1 20	15 33	0 41	M19
T20	23 20	22 20	0 16	21 19	0 53	18 48	2 2	23 27	0 25	20 38	0 45	13 0	1 20	15 32	0 41	T20
W21	23 21	21 29	0n59	21 37	0 46	18 29	1 57	23 31	0 25	20 41	0 45	12 58	1 20	15 31	0 41	W21
T22	23 21	19 27	2 9	21 55	0 38	18 9	1 51	23 34	0 26	20 43	0 45	12 56	1 20	15 31	0 41	T22
F23	23 21	16 28	3 10	22 12	0 31	17 50	1 44	23 37	0 27	20 45	0 45	12 55	1 20	15 30	0 41	F23
S24	23 20	12 49	4 1	22 27	0 23	17 30	1 38	23 40	0 27	20 47	0 45	12 53	1 20	15 29	0 41	S24
S25	23 19	8 42	4 39	22 42	0 16	17 10	1 31	23 42	0 28	20 49	0 45	12 51	1 20	15 28	0 41	S25
M26	23 18	4 19	5 4	22 56	0 9	16 50	1 24	23 44	0 28	20 51	0 45	12 49	1 20	15 27	0 41	M26
T27	23 16	0s10	5 15	23 8	0 1	16 30	1 17	23 46	0 29	20 53	0 45	12 47	1 20	15 26	0 41	T27
W28	23 13	4 38	5 14	23 20	0s 6	16 11	1 9	23 48	0 30	20 55	0 45	12 46	1 20	15 25	0 41	W28
T29	23 10	8 56	4 58	23 30	0 13	15 51	1 1	23 50	0 30	20 57	0 45	12 44	1 20	15 25	0 41	T29
F30	23 7	12 56	4 30	23 39	0 20	15 31	0 53	23 51	0 31	20 59	0 45	12 42	1 20	15 24	0 41	F30
S31	23s 3	16s28	3n50	23s47	0s27	15s11	0s44	23s52	0s31	21s 1	0n45	12s40	1s20	15s23	0s41	S31

Julian Day Number = 2696591.5, Delta T = 25m05s

Ecliptic obliquity = 23°21'04, Nutation = - 0°00'18

Ayanamsha: Fagan/Bradley = 34°07'32, Lahiri = 33°14'32

## ASTRODIENST EPHEMERIS for the year 2671

JANUARY 2671

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 41 54	10°54'	12°58'	0°35'	21°29'	29°36'	9°26'	0°7'	20°8'	7°10'	25°15'	17°R 0	17°21'	25°25'	1°R44	S 1
M 2	6 45 51	11° 1'59	25°32'	2° 8'	22° 3'	0°20'	9°38'	0°13'	20°11'	7°12'	25°14'	17°20'	17°18'	25°31'	1°H42	M 2
T 3	6 49 47	12° 3'05	8°21'	3°41'	22°36'	1° 4'	9°50'	0°18'	20°14'	7°13'	25°12'	16°59'	17°15'	25°38'	1°40'	T 3
W 4	6 53 44	13° 4'11	21°26'	5°14'	23° 7'	1°48'	10° 2'	0°24'	20°17'	7°15'	25°11'	16°D59	17°12'	25°45'	1°38'	W 4
T 5	6 57 41	14° 5'18	4°45'	6°47'	23°37'	2°32'	10°15'	0°30'	20°20'	7°16'	25°10'	16°59'	17° 9'	25°52'	1°36'	T 5
F 6	7 1 37	15° 6'25	18°17'	8°21'	24° 5'	3°16'	10°27'	0°35'	20°23'	7°18'	25° 9'	17° 0'	17° 5'	25°58'	1°34'	F 6
S 7	7 5 34	16° 7'32	2°1'	9°55'	24°32'	4° 0'	10°39'	0°41'	20°26'	7°19'	25° 7'	17° 0'	17° 2'	26° 5'	1°32'	S 7
S 8	7 9 30	17° 8'39	15°55'	11°29'	24°57'	4°44'	10°51'	0°47'	20°29'	7°21'	25° 6'	17°R 0	16°59'	26°12'	1°30'	S 8
M 9	7 13 27	18° 9'46	29°57'	13° 3'	25°20'	5°28'	11° 2'	0°53'	20°32'	7°22'	25° 5'	17° 0'	16°56'	26°18'	1°28'	M 9
T 10	7 17 23	19°10'53	14°4'	14°38'	25°41'	6°12'	11°14'	0°59'	20°35'	7°24'	25° 4'	17°D 0	16°53'	26°25'	1°26'	T 10
W 11	7 21 20	20°12'00	28°16'	16°13'	26° 0'	6°57'	11°26'	1° 5'	20°38'	7°26'	25° 2'	17° 0'	16°50'	26°32'	1°24'	W 11
T 12	7 25 16	21°13'06	12°29'	17°48'	26°17'	7°41'	11°38'	1°11'	20°41'	7°28'	25° 1'	17° 0'	16°46'	26°39'	1°22'	T 12
F 13	7 29 13	22°14'13	26°41'	19°23'	26°31'	8°25'	11°49'	1°17'	20°44'	7°29'	25° 0'	17° 0'	16°43'	26°45'	1°21'	F 13
S 14	7 33 10	23°15'19	10°49'	20°59'	26°44'	9°10'	12° 1'	1°23'	20°47'	7°31'	24°59'	17° 1'	16°40'	26°52'	1°19'	S 14
S 15	7 37 6	24°16'25	24°51'	22°35'	26°55'	9°54'	12°12'	1°29'	20°51'	7°33'	24°57'	17° 2'	16°37'	26°59'	1°17'	S 15
M 16	7 41 3	25°17'32	8°43'	24°12'	27° 3'	10°39'	12°24'	1°36'	20°54'	7°35'	24°56'	17° 2'	16°34'	27° 6'	1°16'	M 16
T 17	7 44 59	26°18'38	22°22'	25°49'	27° 9'	11°23'	12°35'	1°42'	20°57'	7°36'	24°55'	17°R 2	16°31'	27°12'	1°14'	T 17
W 18	7 48 56	27°19'43	5°26'	27°26'	27°12'	12° 8'	12°46'	1°48'	21° 0'	7°38'	24°54'	17° 2'	16°27'	27°19'	1°13'	W 18
T 19	7 52 52	28°20'49	18°52'	29° 4'	27°R13	12°52'	12°57'	1°55'	21° 4'	7°40'	24°52'	17° 0'	16°24'	27°26'	1°12'	T 19
F 20	7 56 49	29°21'55	1°42'	0°42'	27°12'	13°37'	13° 8'	2° 1'	21° 7'	7°42'	24°51'	16°59'	16°21'	27°32'	1°10'	F 20
S 21	8 0 45	0°23'00	14°14'	2°21'	27° 8'	14°22'	13°19'	2° 8'	21°10'	7°44'	24°50'	16°57'	16°18'	27°39'	1° 9'	S 21
S 22	8 4 42	1°24'06	26°31'	4° 0'	27° 1'	15° 7'	13°30'	2°14'	21°14'	7°46'	24°49'	16°55'	16°15'	27°46'	1° 8'	S 22
M 23	8 8 39	2°25'11	8°43'	5°39'	26°52'	15°51'	13°41'	2°21'	21°17'	7°48'	24°47'	16°53'	16°11'	27°53'	1° 7'	M 23
T 24	8 12 35	3°26'17	20°33'	7°19'	26°41'	16°36'	13°52'	2°27'	21°20'	7°50'	24°46'	16°52'	16° 8'	27°59'	1° 6'	T 24
W 25	8 16 32	4°27'22	2°25'	9° 0'	26°27'	17°21'	14° 2'	2°34'	21°24'	7°52'	24°45'	16°D51	16° 5'	28° 6'	1° 5'	W 25
T 26	8 20 28	5°28'28	14°18'	10°40'	26°11'	18° 6'	14°13'	2°40'	21°27'	7°54'	24°44'	16°51'	16° 2'	28°13'	1° 4'	T 26
F 27	8 24 25	6°29'33	26°16'	12°22'	25°52'	18°51'	14°23'	2°47'	21°30'	7°56'	24°42'	16°52'	15°59'	28°19'	1° 3'	F 27
S 28	8 28 21	7°30'38	8°25'	14° 3'	25°31'	19°36'	14°34'	2°54'	21°34'	7°58'	24°41'	16°54'	15°56'	28°26'	1° 2'	S 28
S 29	8 32 18	8°31'43	20°48'	15°45'	25° 7'	20°21'	14°44'	3° 1'	21°37'	8° 0'	24°40'	16°56'	15°52'	28°33'	1° 2'	S 29
M 30	8 36 14	9°32'47	3°29'	17°27'	24°42'	21° 6'	14°54'	3° 8'	21°41'	8° 2'	24°39'	16°57'	15°49'	28°40'	1° 1'	M 30
T 31	8 40 11	10°33'51	16°30'	19°10'	24°14'	21°51'	15° 4'	3°14'	21°44'	8° 4'	24°37'	16°R57	15°46'	28°46'	1°H 0	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	22s58	19s20	2n58	23s54	0s33	14s51	0s35	23s53	0s32	21s 2	0n45	12s38	1s20	15s22	0s41	9s22
M 2	22 54	21 20	1 56	24 0	0 40	14 31	0 26	23 53	0 32	21 4	0 45	12 36	1 20	15 21	0 41	9 22
T 3	22 48	22 18	0 48	24 4	0 46	14 11	0 16	23 54	0 33	21 6	0 45	12 34	1 20	15 20	0 41	9 21
W 4	22 42	22 3	0s25	24 7	0 52	13 52	0 7	23 54	0 34	21 8	0 45	12 32	1 20	15 19	0 41	9 20
T 5	22 37	20 35	1 37	24 9	0 58	13 32	0n 4	23 54	0 34	21 10	0 45	12 30	1 20	15 18	0 41	9 20
F 6	22 30	17 55	2 45	24 9	1 4	13 13	0 14	23 53	0 35	21 11	0 45	12 28	1 20	15 17	0 41	9 19
S 7	22 23	14 13	3 45	24 8	1 10	12 54	0 25	23 53	0 35	21 13	0 45	12 26	1 20	15 16	0 41	9 19
S 8	22 15	9 43	4 32	24 6	1 15	12 35	0 36	23 52	0 36	21 15	0 45	12 24	1 20	15 15	0 41	9 18
M 9	22 7	4 40	5 3	24 3	1 20	12 17	0 48	23 51	0 36	21 16	0 45	12 22	1 20	15 14	0 41	9 18
T 10	21 59	0n39	5 17	23 58	1 25	11 59	1 0	23 49	0 37	21 18	0 45	12 20	1 19	15 13	0 41	9 17
W 11	21 50	5 58	5 11	23 52	1 30	11 41	1 12	23 48	0 37	21 19	0 45	12 17	1 19	15 12	0 41	9 16
T 12	21 41	10 58	4 46	23 44	1 35	11 23	1 24	23 46	0 38	21 21	0 45	12 15	1 19	15 11	0 41	9 16
F 13	21 31	15 23	4 4	23 35	1 39	11 6	1 37	23 44	0 39	21 23	0 45	12 13	1 19	15 10	0 41	9 15
S 14	21 21	18 53	3 8	23 25	1 43	10 50	1 50	23 41	0 39	21 24	0 45	12 11	1 19	15 9	0 41	9 14
S 15	21 11	21 15	2 0	23 13	1 47	10 34	2 4	23 39	0 40	21 26	0 45	12 9	1 19	15 8	0 41	9 14
M 16	21 0	22 18	0 46	23 0	1 50	10 18	2 17	23 36	0 40	21 27	0 45	12 6	1 19	15 7	0 41	9 13
T 17	20 49	21 59	0n30	22 46	1 53	10 3	2 31	23 33	0 41	21 28	0 45	12 4	1 19	15 6	0 41	9 12
W 18	20 37	20 24	1 42	22 30	1 56	9 48	2 45	23 29	0 41	21 30	0 45	12 2	1 19	15 5	0 40	9 12
T 19	20 25	17 46	2 47	22 13	1 59	9 34	3 0	23 26	0 42	21 31	0 45	12 0	1 19	15 4	0 40	9 11
F 20	20 13	14 18	3 43	21 54	2 1	9 21	3 15	23 22	0 42	21 33	0 45	11 57	1 19	15 3	0 40	9 10
S 21	20 0	10 16	4 26	21 34	2 3	9 8	3 29	23 18	0 43	21 34	0 45	11 55	1 19	15 2	0 40	9 10
S 22	19 46	5 55	4 56	21 12	2 5	8 57	3 44	23 13	0 43	21 35	0 45	11 53	1 19	15 1	0 40	9 9
M 23	19 33	1 24	5 12	20 49	2 6	8 45	3 59	23 9	0 44	21 37	0 45	11 50	1 19	15 0	0 40	9 8
T 24	19 19	3s 7	5 15	20 25	2 7	8 35	4 14	23 4	0 45	21 38	0 45	11 48	1 19	14 59	0 40	9 7
W 25	19 5	7 30	5 4	19 59	2 7	8 25	4 30	22 59	0 45	21 39	0 45	11 45	1 19	14 57	0 40	9 7
T 26	18 50	11 36	4 40	19 32	2 7	8 17	4 45	22 53	0 46	21 40	0 45	11 43	1 19	14 56	0 40	9 6
F 27	18 35	15 17	4 4	19 3	2 6	8 9	5 0	22 48	0 46	21 41	0 45	11 41	1 19	14 55	0 40	9 5
S 28	18 20	18 23	3 17	18 33	2 6	8 2	5 15	22 42	0 47	21 43	0 45	11 38	1 19	14 54	0 40	9 4
S 29	18 4	20 43	2 19	18 2	2 4	7 55	5 29	22 36	0 47	21 44	0 45	11 36	1 19	14 53	0 40	9 4
M 30	17 48	22 5	1 14	17 29	2 2	7 50	5 44	22 29	0 48	21 45	0 46	11 33	1 19	14 52	0 40	9 3
T 31	17s31	22s18	0n 2	16s55	2s 0	7s46	5n58	22s23	0s48	21s46	0n46	11s31	1s19	14s51	0s40	9s 2

Julian Day Number = 2696622.5, Delta T = 25m05s

Ecliptic obliquity = 23°21'04, Nutation = - 0°00'16

Ayanamsha: Fagan/Bradley = 34°07'37, Lahiri = 33°14'37

# ASTRODIENST EPHEMERIS for the year 2671

FEBRUARY 2671

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 44 8	11 <sup>34</sup> 55	29 <sup>35</sup> 53	20 <sup>52</sup>	23 <sup>R45</sup>	22 <sup>36</sup>	15 <sup>14</sup>	3 <sup>21</sup>	21 <sup>48</sup>	8 <sup>6</sup>	24 <sup>R36</sup>	16 <sup>R57</sup>	15 <sup>43</sup>	28 <sup>53</sup>	1 <sup>R 0</sup>	W 1
T 2	8 48 4	12 <sup>35</sup> 58	13 <sup>36</sup>	22 <sup>35</sup>	23 <sup>14</sup>	23 <sup>22</sup>	15 <sup>24</sup>	3 <sup>28</sup>	21 <sup>51</sup>	8 <sup>8</sup>	24 <sup>35</sup>	16 <sup>55</sup>	15 <sup>40</sup>	29 <sup>0</sup>	0 <sup>II59</sup>	T 2
F 3	8 52 1	13 <sup>37</sup> 01	27 <sup>36</sup>	24 <sup>18</sup>	22 <sup>41</sup>	24 <sup>7</sup>	15 <sup>34</sup>	3 <sup>35</sup>	21 <sup>55</sup>	8 <sup>10</sup>	24 <sup>34</sup>	16 <sup>52</sup>	15 <sup>37</sup>	29 <sup>6</sup>	0 <sup>59</sup>	F 3
S 4	8 55 57	14 <sup>38</sup> 02	11 <sup>35</sup>	26 <sup>0</sup>	22 <sup>7</sup>	24 <sup>52</sup>	15 <sup>44</sup>	3 <sup>42</sup>	21 <sup>58</sup>	8 <sup>12</sup>	24 <sup>33</sup>	16 <sup>48</sup>	15 <sup>33</sup>	29 <sup>13</sup>	0 <sup>58</sup>	S 4
S 5	8 59 54	15 <sup>39</sup> 03	26 <sup>13</sup>	27 <sup>43</sup>	21 <sup>32</sup>	25 <sup>38</sup>	15 <sup>53</sup>	3 <sup>49</sup>	22 <sup>2</sup>	8 <sup>14</sup>	24 <sup>31</sup>	16 <sup>43</sup>	15 <sup>30</sup>	29 <sup>20</sup>	0 <sup>58</sup>	S 5
M 6	9 3 50	16 <sup>40</sup> 03	10 <sup>39</sup>	29 <sup>24</sup>	20 <sup>56</sup>	26 <sup>23</sup>	16 <sup>3</sup>	3 <sup>56</sup>	22 <sup>5</sup>	8 <sup>16</sup>	24 <sup>30</sup>	16 <sup>39</sup>	15 <sup>27</sup>	29 <sup>27</sup>	0 <sup>58</sup>	M 6
T 7	9 7 47	17 <sup>41</sup> 01	25 <sup>2</sup>	1 <sup>36</sup>	20 <sup>20</sup>	27 <sup>8</sup>	16 <sup>12</sup>	4 <sup>3</sup>	22 <sup>9</sup>	8 <sup>19</sup>	24 <sup>29</sup>	16 <sup>36</sup>	15 <sup>24</sup>	29 <sup>33</sup>	0 <sup>58</sup>	T 7
W 8	9 11 43	18 <sup>41</sup> 59	9 <sup>39</sup>	2 <sup>46</sup>	19 <sup>43</sup>	27 <sup>54</sup>	16 <sup>21</sup>	4 <sup>10</sup>	22 <sup>12</sup>	8 <sup>21</sup>	24 <sup>28</sup>	16 <sup>34</sup>	15 <sup>21</sup>	29 <sup>40</sup>	0 <sup>58</sup>	W 8
T 9	9 15 40	19 <sup>42</sup> 55	23 <sup>26</sup>	4 <sup>25</sup>	19 <sup>6</sup>	28 <sup>39</sup>	16 <sup>30</sup>	4 <sup>17</sup>	22 <sup>16</sup>	8 <sup>23</sup>	24 <sup>27</sup>	16 <sup>D34</sup>	15 <sup>17</sup>	29 <sup>47</sup>	0 <sup>D58</sup>	T 9
F 10	9 19 37	20 <sup>43</sup> 50	7 <sup>24</sup>	6 <sup>2</sup>	18 <sup>29</sup>	29 <sup>25</sup>	16 <sup>39</sup>	4 <sup>24</sup>	22 <sup>19</sup>	8 <sup>25</sup>	24 <sup>26</sup>	16 <sup>35</sup>	15 <sup>14</sup>	29 <sup>54</sup>	0 <sup>58</sup>	F 10
S 11	9 23 33	21 <sup>44</sup> 45	21 <sup>10</sup>	7 <sup>37</sup>	17 <sup>52</sup>	0 <sup>10</sup>	16 <sup>48</sup>	4 <sup>31</sup>	22 <sup>23</sup>	8 <sup>27</sup>	24 <sup>25</sup>	16 <sup>36</sup>	15 <sup>11</sup>	0 <sup>58</sup>	0 <sup>58</sup>	S 11
S 12	9 27 30	22 <sup>45</sup> 37	4 <sup>46</sup>	9 <sup>10</sup>	17 <sup>16</sup>	0 <sup>56</sup>	16 <sup>57</sup>	4 <sup>38</sup>	22 <sup>26</sup>	8 <sup>29</sup>	24 <sup>24</sup>	16 <sup>38</sup>	15 <sup>8</sup>	0 <sup>7</sup>	0 <sup>58</sup>	S 12
M13	9 31 26	23 <sup>46</sup> 29	18 <sup>10</sup>	10 <sup>40</sup>	16 <sup>41</sup>	1 <sup>41</sup>	17 <sup>6</sup>	4 <sup>46</sup>	22 <sup>30</sup>	8 <sup>32</sup>	24 <sup>22</sup>	16 <sup>R38</sup>	15 <sup>5</sup>	0 <sup>14</sup>	0 <sup>58</sup>	M13
T 14	9 35 23	24 <sup>47</sup> 19	1 <sup>22</sup>	12 <sup>6</sup>	16 <sup>7</sup>	2 <sup>27</sup>	17 <sup>14</sup>	4 <sup>53</sup>	22 <sup>33</sup>	8 <sup>34</sup>	24 <sup>21</sup>	16 <sup>37</sup>	15 <sup>2</sup>	0 <sup>20</sup>	0 <sup>58</sup>	T 14
W15	9 39 19	25 <sup>48</sup> 09	14 <sup>24</sup>	13 <sup>28</sup>	15 <sup>34</sup>	3 <sup>13</sup>	17 <sup>23</sup>	5 <sup>0</sup>	22 <sup>37</sup>	8 <sup>36</sup>	24 <sup>20</sup>	16 <sup>34</sup>	14 <sup>58</sup>	0 <sup>27</sup>	0 <sup>59</sup>	W15
T 16	9 43 16	26 <sup>48</sup> 57	27 <sup>13</sup>	14 <sup>46</sup>	15 <sup>3</sup>	3 <sup>58</sup>	17 <sup>31</sup>	5 <sup>7</sup>	22 <sup>40</sup>	8 <sup>38</sup>	24 <sup>19</sup>	16 <sup>29</sup>	14 <sup>55</sup>	0 <sup>34</sup>	0 <sup>59</sup>	T 16
F 17	9 47 12	27 <sup>49</sup> 43	9 <sup>49</sup>	15 <sup>58</sup>	14 <sup>34</sup>	4 <sup>44</sup>	17 <sup>39</sup>	5 <sup>14</sup>	22 <sup>44</sup>	8 <sup>41</sup>	24 <sup>18</sup>	16 <sup>22</sup>	14 <sup>52</sup>	0 <sup>41</sup>	1 <sup>0</sup>	F 17
S 18	9 51 9	28 <sup>50</sup> 29	22 <sup>14</sup>	17 <sup>3</sup>	14 <sup>6</sup>	5 <sup>30</sup>	17 <sup>47</sup>	5 <sup>21</sup>	22 <sup>47</sup>	8 <sup>43</sup>	24 <sup>17</sup>	16 <sup>14</sup>	14 <sup>49</sup>	0 <sup>47</sup>	1 <sup>0</sup>	S 18
S 19	9 55 6	29 <sup>51</sup> 14	4 <sup>27</sup>	18 <sup>1</sup>	13 <sup>41</sup>	6 <sup>16</sup>	17 <sup>55</sup>	5 <sup>29</sup>	22 <sup>51</sup>	8 <sup>45</sup>	24 <sup>16</sup>	16 <sup>6</sup>	14 <sup>46</sup>	0 <sup>54</sup>	1 <sup>1</sup>	S 19
M20	9 59 2	0 <sup>51</sup> 57	16 <sup>31</sup>	18 <sup>52</sup>	13 <sup>18</sup>	7 <sup>1</sup>	18 <sup>3</sup>	5 <sup>36</sup>	22 <sup>54</sup>	8 <sup>47</sup>	24 <sup>15</sup>	15 <sup>58</sup>	14 <sup>43</sup>	1 <sup>1</sup>	1 <sup>2</sup>	M20
T 21	10 2 59	1 <sup>52</sup> 40	28 <sup>26</sup>	19 <sup>34</sup>	12 <sup>57</sup>	7 <sup>47</sup>	18 <sup>10</sup>	5 <sup>43</sup>	22 <sup>58</sup>	8 <sup>50</sup>	24 <sup>14</sup>	15 <sup>51</sup>	14 <sup>39</sup>	1 <sup>7</sup>	1 <sup>2</sup>	T 21
W22	10 6 55	2 <sup>53</sup> 21	10 <sup>18</sup>	20 <sup>7</sup>	12 <sup>38</sup>	8 <sup>33</sup>	18 <sup>18</sup>	5 <sup>50</sup>	23 <sup>1</sup>	8 <sup>52</sup>	24 <sup>13</sup>	15 <sup>46</sup>	14 <sup>36</sup>	1 <sup>14</sup>	1 <sup>3</sup>	W22
T 23	10 10 52	3 <sup>54</sup> 02	22 <sup>10</sup>	20 <sup>29</sup>	12 <sup>22</sup>	9 <sup>19</sup>	18 <sup>25</sup>	5 <sup>57</sup>	23 <sup>4</sup>	8 <sup>54</sup>	24 <sup>12</sup>	15 <sup>43</sup>	14 <sup>33</sup>	1 <sup>21</sup>	1 <sup>4</sup>	T 23
F 24	10 14 48	4 <sup>54</sup> 41	4 <sup>36</sup>	20 <sup>42</sup>	12 <sup>8</sup>	10 <sup>5</sup>	18 <sup>32</sup>	6 <sup>5</sup>	23 <sup>8</sup>	8 <sup>56</sup>	24 <sup>11</sup>	15 <sup>D42</sup>	14 <sup>30</sup>	1 <sup>28</sup>	1 <sup>5</sup>	F 24
S 25	10 18 45	5 <sup>55</sup> 20	16 <sup>11</sup>	20 <sup>R44</sup>	11 <sup>57</sup>	10 <sup>51</sup>	18 <sup>39</sup>	6 <sup>12</sup>	23 <sup>11</sup>	8 <sup>59</sup>	24 <sup>11</sup>	15 <sup>43</sup>	14 <sup>27</sup>	1 <sup>34</sup>	1 <sup>6</sup>	S 25
S 26	10 22 41	6 <sup>55</sup> 57	28 <sup>32</sup>	20 <sup>36</sup>	11 <sup>48</sup>	11 <sup>37</sup>	18 <sup>46</sup>	6 <sup>19</sup>	23 <sup>15</sup>	9 <sup>1</sup>	24 <sup>10</sup>	15 <sup>44</sup>	14 <sup>23</sup>	1 <sup>41</sup>	1 <sup>7</sup>	S 26
M27	10 26 38	7 <sup>56</sup> 33	11 <sup>32</sup>	20 <sup>17</sup>	11 <sup>41</sup>	12 <sup>23</sup>	18 <sup>53</sup>	6 <sup>26</sup>	23 <sup>18</sup>	9 <sup>3</sup>	24 <sup>9</sup>	15 <sup>R45</sup>	14 <sup>20</sup>	1 <sup>48</sup>	1 <sup>8</sup>	M27
T 28	10 30 35	8 <sup>57</sup> 08	24 <sup>36</sup>	19 <sup>48</sup>	11 <sup>38</sup>	13 <sup>9</sup>	19 <sup>37</sup>	6 <sup>33</sup>	23 <sup>22</sup>	9 <sup>6</sup>	24 <sup>8</sup>	15 <sup>45</sup>	14 <sup>17</sup>	1 <sup>54</sup>	1 <sup>II 9</sup>	T 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
W 1	17s15	21s15	1s10	16s20	1s57	7s42	6n11	22s16	0s49	21s47	0n46	11s28	1s19	14s50	0s40	W 1
T 2	16 58	18 56	2 21	15 43	1 53	7 40	6 24	22 9	0 49	21 48	0 46	11 26	1 19	14 49	0 40	T 2
F 3	16 41	15 28	3 25	15 5	1 49	7 38	6 37	22 2	0 50	21 49	0 46	11 23	1 19	14 47	0 40	F 3
S 4	16 23	11 3	4 17	14 26	1 44	7 37	6 49	21 54	0 50	21 50	0 46	11 21	1 19	14 46	0 40	S 4
S 5	16 5	5 59	4 53	13 46	1 39	7 38	7 0	21 46	0 51	21 51	0 46	11 18	1 19	14 45	0 40	S 5
M 6	15 47	0 34	5 11	13 5	1 33	7 39	7 11	21 38	0 51	21 52	0 46	11 16	1 19	14 44	0 40	M 6
T 7	15 29	4n51	5 9	12 23	1 26	7 40	7 21	21 30	0 52	21 53	0 46	11 13	1 19	14 43	0 40	T 7
W 8	15 10	9 59	4 48	11 40	1 18	7 43	7 30	21 22	0 52	21 54	0 46	11 11	1 19	14 42	0 40	W 8
T 9	14 51	14 31	4 10	10 57	1 10	7 46	7 38	21 13	0 53	21 55	0 46	11 8	1 20	14 41	0 40	T 9
F 10	14 32	18 13	3 18	10 13	1 1	7 50	7 46	21 4	0 53	21 55	0 46	11 6	1 20	14 40	0 40	F 10
S 11	14 12	20 49	2 14	9 28	0 51	7 55	7 52	20 55	0 54	21 56	0 46	11 3	1 20	14 38	0 40	S 11
S 12	13 53	22 12	1 4	8 44	0 40	8 0	7 58	20 46	0 54	21 57	0 46	11 1	1 20	14 37	0 40	S 12
M13	13 33	22 16	0n 8	7 59	0 29	8 6	8 2	20 36	0 55	21 58	0 46	10 58	1 20	14 36	0 40	M13
T 14	13 13	21 4	1 19	7 15	0 17	8 12	8 6	20 26	0 55	21 59	0 46	10 55	1 20	14 35	0 40	T 14
W15	12 52	18 46	2 25	6 32	0 4	8 19	8 9	20 16	0 56	21 59	0 46	10 53	1 20	14 34	0 40	W15
T 16	12 32	15 34	3 22	5 50	0n10	8 26	8 11	20 6	0 56	22 0	0 46	10 50	1 20	14 33	0 40	T 16
F 17	12 11	11 41	4 8	5 9	0 24	8 33	8 11	19 56	0 57	22 1	0 46	10 48	1 20	14 32	0 40	F 17
S 18	11 50	7 23	4 42	4 30	0 39	8 41	8 12	19 45	0 57	22 1	0 46	10 45	1 20	14 30	0 40	S 18
S 19	11 29	2 51	5 2	3 53	0 54	8 48	8 11	19 34	0 57	22 2	0 46	10 43	1 20	14 29	0 40	S 19
M20	11 8	1s43	5 8	3 19	1 10	8 56	8 9	19 23	0 58	22 3	0 46	10 40	1 20	14 28	0 40	M20
T 21	10 46	6 12	5 1	2 48	1 26	9 4	8 7	19 12	0 58	22 3	0 46	10 37	1 20	14 27	0 40	T 21
W22	10 24	10 25	4 40	2 20	1 42	9 12	8 4	19 0	0 59	22 4	0 46	10 35	1 20	14 26	0 40	W22
T 23	10 3	14 14	4 8	1 56	1 58	9 20	8 0	18 49	0 59	22 5	0 47	10 32	1 20	14 25	0 40	T 23
F 24	9 41	17 32	3 25	1 37	2 14	9 28	7 56	18 37	1 0	22 5	0 47	10 29	1 20	14 24	0 40	F 24
S 25	9 18	20 7	2 32	1 22	2 29	9 36	7 51	18 25	1 0	22 6	0 47	10 27	1 20	14 23	0 41	S 25
S 26	8 56	21 49	1 31	1 12	2 44	9 43	7 46	18 12	1 1	22 6	0 47	10 24	1 20	14 21	0 41	S 26
M27	8 34	22 28	0 24	1 7	2 57	9 50	7 40	18 0	1 1	22 7	0 47	10 22	1 20	14 20	0 41	M27
T 28	8s11	21s56	0s46	1s 8	3n 9	9s57	7n34	17s47	1s 1	22s 7	0n47	10s19	1s20	14s19	0s41	T 28

Julian Day Number = 2696653.5, Delta T = 25m06s  
 Ecliptic obliquity = 23°21'05", Nutation = - 0°00'15"  
 Ayanamsha: Fagan/Bradley = 34°07'41", Lahiri = 33°14'41"

## ASTRODIENST EPHEMERIS for the year 2671

MARCH 2671

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	10 34 31	9♂5742	7♂46	19°R10	11°D36	13♂55	19♂ 6	6♂41	23♂25	9♂ 8	24°R 7	15°R43	14♂14	2♂ 1	1♂10	W 1
T 2	10 38 28	10°58'14	21°43	18♂24	11♂37	14°41	19°13	6°48	23°28	9°10	24♂ 6	15♂38	14°11	2° 8	1°12	T 2
F 3	10 42 24	11°58'45	6♂ 4	17°31	11°41	15°27	19°19	6°55	23°32	9°12	24° 6	15°31	14° 8	2°15	1°13	F 3
S 4	10 46 21	12°59'15	20°44	16°32	11°46	16°14	19°25	7° 2	23°35	9°15	24° 5	15°22	14° 4	2°21	1°15	S 4
S 5	10 50 17	13°59'43	5♂35	15°29	11°54	17° 0	19°31	7°10	23°38	9°17	24° 4	15°13	14° 1	2°28	1°16	S 5
M 6	10 54 14	15° 0'09	20°29	14°24	12° 5	17°46	19°36	7°17	23°42	9°19	24° 3	15° 3	13°58	2°35	1°18	M 6
T 7	10 58 10	16° 0'33	5♂16	13°18	12°17	18°32	19°42	7°24	23°45	9°22	24° 3	14°56	13°55	2°41	1°19	T 7
W 8	11 2 7	17° 0'56	19°51	12°13	12°32	19°19	19°47	7°31	23°48	9°24	24° 2	14°50	13°52	2°48	1°21	W 8
T 9	11 6 4	18° 1'16	4♂ 8	11°10	12°48	20° 5	19°53	7°38	23°52	9°26	24° 1	14°47	13°49	2°55	1°23	T 9
F 10	11 10 0	19° 1'35	18° 5	10°11	13° 7	20°51	19°58	7°45	23°55	9°28	24° 0	14°D47	13°45	3° 2	1°24	F 10
S 11	11 13 57	20° 1'52	1♂43	9°17	13°27	21°37	20° 3	7°52	23°58	9°31	24° 0	14°47	13°42	3° 8	1°26	S 11
S 12	11 17 53	21° 2'07	15° 4	8°29	13°49	22°24	20° 7	8° 0	24° 1	9°33	23°59	14°R47	13°39	3°15	1°28	S 12
M13	11 21 50	22° 2'19	28° 9	7°46	14°13	23°10	20°12	8° 7	24° 5	9°35	23°59	14°47	13°36	3°22	1°30	M13
T 14	11 25 46	23° 2'30	11♂ 1	7°11	14°39	23°57	20°16	8°14	24° 8	9°37	23°58	14°44	13°33	3°28	1°32	T 14
W15	11 29 43	24° 2'39	23°42	6°42	15° 6	24°43	20°21	8°21	24°11	9°40	23°58	14°38	13°29	3°35	1°34	W15
T 16	11 33 39	25° 2'46	6♂12	6°21	15°35	25°29	20°25	8°28	24°14	9°42	23°57	14°29	13°26	3°42	1°36	T 16
F 17	11 37 36	26° 2'50	18°33	6° 6	16° 6	26°16	20°29	8°35	24°17	9°44	23°56	14°18	13°23	3°49	1°38	F 17
S 18	11 41 33	27° 2'53	0♂47	5°58	16°38	27° 2	20°32	8°42	24°20	9°46	23°56	14° 5	13°20	3°55	1°41	S 18
S 19	11 45 29	28° 2'55	12°52	5°D57	17°11	27°49	20°36	8°49	24°23	9°48	23°56	13°51	13°17	4° 2	1°43	S 19
M20	11 49 26	29° 2'54	24°51	6° 2	17°46	28°35	20°39	8°56	24°26	9°51	23°55	13°38	13°14	4° 9	1°45	M20
T 21	11 53 22	0♂52	6♂44	6°12	18°23	29°22	20°43	9° 3	24°29	9°53	23°55	13°26	13°10	4°15	1°48	T 21
W22	11 57 19	1° 2'48	18°35	6°29	19° 0	0♂ 8	20°46	9°10	24°32	9°55	23°54	13°16	13° 7	4°22	1°50	W22
T 23	12 1 15	2° 2'43	0♂25	6°51	19°39	0°55	20°48	9°16	24°35	9°57	23°54	13°10	13° 4	4°29	1°52	T 23
F 24	12 5 12	3° 2'35	12°20	7°17	20°19	1°41	20°51	9°23	24°38	9°59	23°54	13° 6	13° 1	4°36	1°55	F 24
S 25	12 9 8	4° 2'27	24°23	7°49	21° 0	2°28	20°54	9°30	24°41	10° 1	23°53	13° 4	12°58	4°42	1°58	S 25
S 26	12 13 5	5° 2'16	6♂40	8°25	21°42	3°14	20°56	9°37	24°44	10° 3	23°53	13° 4	12°54	4°49	2° 0	S 26
M27	12 17 1	6° 2'04	19°15	9° 5	22°25	4° 1	20°58	9°44	24°47	10° 6	23°53	13° 4	12°51	4°56	2° 3	M27
T 28	12 20 58	7° 1'50	2♂15	9°48	23° 9	4°48	21° 0	9°50	24°50	10° 8	23°52	13° 3	12°48	5° 2	2° 6	T 28
W29	12 24 55	8° 1'35	15°42	10°36	23°54	5°34	21° 2	9°57	24°53	10°10	23°52	13° 0	12°45	5° 9	2° 8	W29
T 30	12 28 51	9° 1'18	29°40	11°27	24°40	6°21	21° 3	10° 4	24°55	10°12	23°52	12°54	12°42	5°16	2°11	T 30
F 31	12 32 48	10♂0'59	14♂ 6	12♂20	25♂27	7♂ 7	21♂ 5	10♂10	24♂58	10♂14	23♂52	12♂46	12♂39	5♂23	2♂14	F 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
W 1	7s48	20s 7	1s55	1s13	3n19	10s 4	7n27	17s35	1s 2	22s 8	0n47	10s16	1s20	14s18	0s41	W 1
T 2	7 26	17 4	3 0	1 23	3 28	10 11	7 20	17 22	1 2	22 8	0 47	10 14	1 20	14 17	0 41	T 2
F 3	7 3	12 54	3 56	1 37	3 34	10 17	7 12	17 8	1 3	22 9	0 47	10 11	1 21	14 16	0 41	F 3
S 4	6 40	7 54	4 37	1 56	3 39	10 23	7 5	16 55	1 3	22 9	0 47	10 9	1 21	14 15	0 41	S 4
S 5	6 16	2 23	5 0	2 18	3 41	10 28	6 57	16 42	1 3	22 9	0 47	10 6	1 21	14 14	0 41	S 5
M 6	5 53	3n17	5 3	2 44	3 41	10 33	6 49	16 28	1 4	22 10	0 47	10 3	1 21	14 13	0 41	M 6
T 7	5 30	8 44	4 45	3 11	3 38	10 38	6 40	16 14	1 4	22 10	0 47	10 1	1 21	14 12	0 41	T 7
W 8	5 7	13 37	4 10	3 40	3 34	10 42	6 32	16 0	1 5	22 11	0 47	9 58	1 21	14 11	0 41	W 8
T 9	4 43	17 38	3 19	4 9	3 27	10 46	6 23	15 46	1 5	22 11	0 47	9 56	1 21	14 9	0 41	T 9
F 10	4 20	20 33	2 17	4 39	3 19	10 50	6 14	15 31	1 5	22 11	0 47	9 53	1 21	14 8	0 41	F 10
S 11	3 56	22 11	1 9	5 8	3 9	10 53	6 6	15 17	1 6	22 11	0 47	9 50	1 21	14 7	0 41	S 11
S 12	3 32	22 32	0n 1	5 37	2 58	10 55	5 57	15 2	1 6	22 12	0 48	9 48	1 21	14 6	0 41	S 12
M13	3 9	21 36	1 10	6 3	2 46	10 57	5 48	14 47	1 6	22 12	0 48	9 45	1 21	14 5	0 41	M13
T 14	2 45	19 33	2 15	6 29	2 33	10 58	5 39	14 33	1 7	22 12	0 48	9 43	1 21	14 4	0 41	T 14
W15	2 21	16 35	3 11	6 52	2 19	10 59	5 29	14 17	1 7	22 13	0 48	9 40	1 22	14 3	0 41	W15
T 16	1 58	12 52	3 57	7 13	2 5	11 0	5 20	14 2	1 7	22 13	0 48	9 38	1 22	14 2	0 41	T 16
F 17	1 34	8 40	4 31	7 31	1 51	11 0	5 11	13 47	1 8	22 13	0 48	9 35	1 22	14 1	0 41	F 17
S 18	1 10	4 10	4 53	7 47	1 37	10 59	5 2	13 31	1 8	22 13	0 48	9 33	1 22	14 0	0 41	S 18
S 19	0 46	0s27	5 0	8 1	1 22	10 58	4 53	13 16	1 8	22 13	0 48	9 30	1 22	13 59	0 41	S 19
M20	0 23	5 0	4 55	8 13	1 8	10 57	4 44	13 0	1 9	22 14	0 48	9 28	1 22	13 58	0 41	M20
T 21	0n 1	9 21	4 36	8 22	0 54	10 54	4 34	12 44	1 9	22 14	0 48	9 25	1 22	13 57	0 41	T 21
W22	0 25	13 21	4 6	8 28	0 41	10 52	4 25	12 28	1 9	22 14	0 48	9 23	1 22	13 56	0 41	W22
T 23	0 49	16 49	3 25	8 33	0 27	10 49	4 16	12 12	1 10	22 14	0 48	9 20	1 22	13 55	0 41	T 23
F 24	1 12	19 38	2 35	8 35	0 14	10 45	4 7	11 55	1 10	22 14	0 48	9 18	1 22	13 54	0 41	F 24
S 25	1 36	21 37	1 37	8 35	0 2	10 41	3 58	11 39	1 10	22 14	0 48	9 15	1 23	13 53	0 41	S 25
S 26	2 0	22 37	0 34	8 33	0s10	10 36	3 50	11 23	1 10	22 14	0 48	9 13	1 23	13 52	0 41	S 26
M27	2 23	22 31	0s33	8 29	0 22	10 30	3 41	11 6	1 11	22 14	0 48	9 10	1 23	13 52	0 41	M27
T 28	2 47	21 12	1 40	8 22	0 33	10 25	3 32	10 49	1 11	22 14	0 48	9 8	1 23	13 51	0 41	T 28
W29	3 10	18 40	2 43	8 14	0 44	10 18	3 23	10 32	1 11	22 15	0 49	9 5	1 23	13 50	0 41	W29
T 30	3 34	14 59	3 40	8 5	0 54	10 11	3 15	10 16	1 11	22 15	0 49	9 3	1 23	13 49	0 41	T 30
F 31	3n57	10s18	4s24	7s53	1s 3	10s 4	3n 6	9s58	1s12	22s15	0n49	9s 1	1s23	13s48	0s41	F 31

Julian Day Number = 2696681.5, Delta T = 25m06s

Ecliptic obliquity = 23°21'06, Nutation = - 0°00'16

Ayanamsha: Fagan/Bradley = 34°07'45, Lahiri = 33°14'45

## ASTRODIENST EPHEMERIS for the year 2671

APRIL 2671

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 36 44	11°0'38"	28°57'	13°17'	26°15'	7°54'	21°7'	10°17'	25°1'	10°16'	23°R52	12°R35	12°35'	5°M29	2°II17	S 1
S 2	12 40 41	12°0'15"	14°4'	14°17'	27°3'	8°41'	21°7'	10°23'	25°3'	10°18'	23°51'	12°24'	12°32'	5°36'	2°20'	S 2
M 3	12 44 37	12°59'51"	29°18'	15°19'	27°52'	9°27'	21°8'	10°30'	25°6'	10°20'	23°51'	12°13'	12°29'	5°43'	2°23'	M 3
T 4	12 48 34	13°59'24"	14°28'	16°24'	28°42'	10°14'	21°8'	10°36'	25°9'	10°22'	23°51'	12°3'	12°26'	5°49'	2°26'	T 4
W 5	12 52 30	14°58'55"	29°22'	17°31'	29°33'	11°1'	21°9'	10°43'	25°11'	10°24'	23°51'	11°56'	12°23'	5°56'	2°29'	W 5
T 6	12 56 27	15°58'24"	13°56'	18°41'	0°25'	11°47'	21°9'	10°49'	25°14'	10°26'	23°51'	11°51'	12°20'	6°3'	2°32'	T 6
F 7	13 0 24	16°57'51"	28°5'	19°53'	1°17'	12°34'	21°R 9	10°55'	25°16'	10°28'	23°D51	11°49'	12°16'	6°10'	2°35'	F 7
S 8	13 4 20	17°57'15"	11°48'	21°6'	2°9'	13°21'	21°9'	11°2'	25°19'	10°30'	23°51'	11°49'	12°13'	6°16'	2°38'	S 8
S 9	13 8 17	18°56'38"	25°7'	22°22'	3°3'	14°7'	21°9'	11°8'	25°21'	10°32'	23°51'	11°49'	12°10'	6°23'	2°42'	S 9
M10	13 12 13	19°55'57"	8°2'	23°39'	3°57'	14°54'	21°8'	11°14'	25°23'	10°33'	23°51'	11°48'	12°7'	6°30'	2°45'	M10
T 11	13 16 10	20°55'15"	20°47'	24°59'	4°51'	15°41'	21°8'	11°20'	25°26'	10°35'	23°51'	11°45'	12°4'	6°36'	2°48'	T 11
W12	13 20 6	21°54'30"	3°15'	26°20'	5°46'	16°27'	21°7'	11°26'	25°28'	10°37'	23°51'	11°39'	12°0'	6°43'	2°52'	W12
T 13	13 24 3	22°53'43"	15°32'	27°43'	6°42'	17°14'	21°6'	11°32'	25°30'	10°39'	23°52'	11°30'	11°57'	6°50'	2°55'	T 13
F 14	13 27 59	23°52'54"	27°41'	29°8'	7°38'	18°0'	21°5'	11°38'	25°33'	10°41'	23°52'	11°19'	11°54'	6°56'	2°58'	F 14
S 15	13 31 56	24°52'03"	9°43'	0°34'	8°34'	18°47'	21°3'	11°44'	25°35'	10°42'	23°52'	11°6'	11°51'	7°3'	3°2'	S 15
S 16	13 35 53	25°51'09"	21°41'	2°2'	9°31'	19°34'	21°2'	11°50'	25°37'	10°44'	23°52'	10°52'	11°48'	7°10'	3°5'	S 16
M17	13 39 49	26°50'14"	3°34'	10°29'	20°20'	20°20'	21°0'	11°56'	25°39'	10°46'	23°52'	10°39'	11°45'	7°17'	3°9'	M17
T 18	13 43 46	27°49'16"	15°26'	5°3'	11°27'	21°7'	20°58'	12°2'	25°41'	10°48'	23°53'	10°27'	11°41'	7°23'	3°12'	T 18
W19	13 47 42	28°48'17"	27°17'	6°35'	12°25'	21°54'	20°56'	12°8'	25°43'	10°49'	23°53'	10°17'	11°38'	7°30'	3°16'	W19
T 20	13 51 39	29°47'16"	9°2'	8°10'	13°24'	22°40'	20°53'	12°13'	25°45'	10°51'	23°53'	10°11'	11°35'	7°37'	3°20'	T 20
F 21	13 55 35	0°46'13"	21°6'	9°45'	14°23'	23°27'	20°51'	12°19'	25°47'	10°53'	23°53'	10°6'	11°32'	7°43'	3°23'	F 21
S 22	13 59 32	1°45'09"	3°31'	11°23'	15°22'	24°14'	20°48'	12°24'	25°49'	10°54'	23°54'	10°5'	11°29'	7°50'	3°27'	S 22
S 23	14 3 28	2°44'03"	15°28'	13°2'	16°22'	25°0'	20°45'	12°30'	25°51'	10°56'	23°54'	10°D 5	11°25'	7°57'	3°31'	S 23
M24	14 7 25	3°42'55"	28°1'	14°42'	17°23'	25°47'	20°42'	12°35'	25°53'	10°57'	23°55'	10°R 5	11°22'	8°4'	3°34'	M24
T 25	14 11 22	4°41'45"	10°56'	16°24'	18°23'	26°33'	20°39'	12°41'	25°54'	10°59'	23°55'	10°5'	11°19'	8°10'	3°38'	T 25
W26	14 15 18	5°40'33"	24°17'	18°8'	19°24'	27°20'	20°36'	12°46'	25°56'	11°0'	23°55'	10°3'	11°16'	8°17'	3°42'	W26
T 27	14 19 15	6°39'20"	8°7'	19°53'	20°25'	28°7'	20°32'	12°51'	25°58'	11°2'	23°56'	10°0'	11°13'	8°24'	3°46'	T 27
F 28	14 23 11	7°38'05"	22°26'	21°40'	21°27'	28°53'	20°28'	12°56'	25°59'	11°3'	23°56'	9°54'	11°10'	8°30'	3°50'	F 28
S 29	14 27 8	8°36'49"	7°11'	23°28'	22°29'	29°40'	20°24'	13°1'	26°1'	11°5'	23°57'	9°46'	11°6'	8°37'	3°53'	S 29
S 30	14 31 4	9°35'31"	22°17'	25°18'	23°31'	0°26'	20°20'	13°7'	26°3'	11°6'	23°57'	9°37'	11°3'	8°44'	3°57'	S 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	4n20	4s53	4s52	7s40	1s13	9s56	2n58	9s41	1s12	22s15	0n49	8s58	1s23	13s47	0s41	8s13	0s34	19n59	1s18	22n45
S 2	4 44	0n55	5 0	7 25	1 21	9 48	2 50	9 24	1 12	22 15	0 49	8 56	1 23	13 46	0 41	8 13	0 34	19 59	1 18	22 47
M 3	5 7	6 42	4 47	7 8	1 29	9 39	2 41	9 7	1 12	22 15	0 49	8 54	1 24	13 45	0 41	8 12	0 34	19 59	1 18	22 48
T 4	5 30	12 4	4 14	6 50	1 37	9 29	2 33	8 50	1 13	22 15	0 49	8 51	1 24	13 45	0 41	8 11	0 34	19 59	1 18	22 48
W 5	5 53	16 37	3 24	6 31	1 44	9 19	2 25	8 32	1 13	22 15	0 49	8 49	1 24	13 44	0 41	8 10	0 34	19 59	1 17	22 49
T 6	6 16	20 3	2 22	6 10	1 51	9 9	2 17	8 15	1 13	22 15	0 49	8 47	1 24	13 43	0 41	8 10	0 34	19 59	1 17	22 50
F 7	6 38	22 8	1 12	5 47	1 57	8 58	2 9	7 57	1 13	22 15	0 49	8 44	1 24	13 42	0 41	8 9	0 34	19 59	1 17	22 50
S 8	7 1	22 50	0 0	5 24	2 3	8 46	2 2	7 39	1 13	22 14	0 49	8 42	1 24	13 41	0 41	8 8	0 34	19 59	1 17	22 50
S 9	7 24	22 11	1n10	4 59	2 8	8 35	1 54	7 22	1 14	22 14	0 49	8 40	1 24	13 40	0 41	8 7	0 34	19 59	1 17	22 50
M10	7 46	20 20	2 14	4 32	2 12	8 22	1 46	7 4	1 14	22 14	0 49	8 38	1 25	13 40	0 41	8 7	0 34	19 59	1 17	22 50
T 11	8 8	17 31	3 10	4 5	2 17	8 10	1 39	6 46	1 14	22 14	0 49	8 36	1 25	13 39	0 41	8 6	0 34	19 59	1 17	22 50
W12	8 30	13 57	3 56	3 36	2 20	7 56	1 32	6 28	1 14	22 14	0 49	8 33	1 25	13 38	0 42	8 5	0 34	20 0	1 17	22 51
T 13	8 52	9 50	4 30	3 6	2 24	7 43	1 24	6 10	1 14	22 14	0 49	8 31	1 25	13 37	0 42	8 5	0 34	20 0	1 17	22 51
F 14	9 14	5 23	4 52	2 35	2 26	7 29	1 17	5 52	1 14	22 14	0 49	8 29	1 25	13 37	0 42	8 4	0 35	20 0	1 17	22 52
S 15	9 36	0 46	5 0	2 3	2 28	7 14	1 10	5 34	1 14	22 14	0 49	8 27	1 25	13 36	0 42	8 3	0 35	20 0	1 17	22 53
S 16	9 57	3s51	4 55	1 30	2 30	6 59	1 4	5 16	1 15	22 14	0 50	8 25	1 25	13 35	0 42	8 3	0 35	20 0	1 16	22 54
M17	10 19	8 19	4 37	0 55	2 31	6 44	0 57	4 58	1 15	22 13	0 50	8 23	1 26	13 35	0 42	8 2	0 35	20 0	1 16	22 56
T 18	10 40	12 28	4 7	0 20	2 32	6 28	0 50	4 39	1 15	22 13	0 50	8 21	1 26	13 34	0 42	8 2	0 35	20 0	1 16	22 57
W19	11 1	16 8	3 26	0n16	2 32	6 12	0 44	4 21	1 15	22 13	0 50	8 19	1 26	13 33	0 42	8 1	0 35	20 0	1 16	22 57
T 20	11 21	19 10	2 36	0 54	2 32	5 56	0 37	4 3	1 15	22 13	0 50	8 17	1 26	13 33	0 42	8 0	0 35	20 0	1 16	22 58
F 21	11 42	21 24	1 39	1 32	2 31	5 39	0 31	3 45	1 15	22 13	0 50	8 15	1 26	13 32	0 42	8 0	0 35	20 0	1 16	22 58
S 22	12 2	22 42	0 37	2 11	2 30	5 22	0 25	3 26	1 15	22 12	0 50	8 13	1 26	13 31	0 42	7 59	0 35	20 0	1 16	22 58
S 23	12 23	22 56	0s29	2 51	2 28	5 4	0 19	3 8	1 15	22 12	0 50	8 11	1 26	13 31	0 42	7 59	0 35	20 0	1 16	22 58
M24	12 43	22 1	1 34	3 32	2 26	4 46	0 13	2 49	1 15	22 12	0 50	8 9	1 27	13 30	0 42	7 58	0 35	20 0	1 16	22 58
T 25	13 2	19 56	2 37	4 13	2 23	4 28	0 7	2 31	1 15	22 12	0 50	8 7	1 27	13 30	0 42	7 57	0 35	20 0	1 16	22 58
W26	13 22	16 43	3 33	4 56	2 20	4 10	0 1	2 13	1 15	22 11	0 50	8 5	1 27	13 29	0 42	7 57	0 35	20 0	1 16	22 58
T 27	13 41	12 30	4 19	5 39	2 16	3 51	0s 4	1 54	1 15	22 11	0 50	8 3	1 27	13 29	0 42	7 56	0 35	20 0	1 15	22 59
F 28	14 0	7 26	4 50	6 23	2 12	3 32	0 10	1 36	1 15	22 11	0 50	8 1	1 27	13 28	0 42	7 56	0 35	20 0	1 15	22 59
S 29	14 19	1 49	5 4	7 7	2 7	3 12	0 15	1 17	1 15	22 11	0 50	8 0	1 28	13 28	0 42	7 55	0 35	20 0	1 15	23 0
S 30	14n38	4n 3	4s57	7n52	2s 2	2s53	0s20	0s59	1s16	22s10	0n50	7s58	1s28	13s27	0s42	7s55	0s35	20n 0	1s15	23n 0

Julian Day Number = 2696712.5, Delta T = 25m06s

Ecliptic obliquity = 23°21'06", Nutation = - 0°00'17"

Ayanamsha: Fagan/Bradley = 34°07'49", Lahiri = 33°14'49"

## ASTRODIENST EPHEMERIS for the year 2671

MAY 2671

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 35 1	10 <sup>8</sup> 34'11	7 <sup>8</sup> 34	27 <sup>10</sup> 10	24 <sup>11</sup> 34	1 <sup>10</sup> 13	20 <sup>10</sup> R16	13 <sup>11</sup> 11	26 <sup>11</sup> 8	11 <sup>11</sup> 8	23 <sup>11</sup> 58	9 <sup>10</sup> R28	11 <sup>11</sup> 0	8 <sup>11</sup> 51	4 <sup>11</sup> 1	M 1
T 2	14 38 57	11 <sup>10</sup> 32'49	22 <sup>10</sup> 52	29 <sup>10</sup> 3	25 <sup>10</sup> 36	1 <sup>10</sup> 59	20 <sup>10</sup> 12	13 <sup>10</sup> 16	26 <sup>10</sup> 5	11 <sup>10</sup> 9	23 <sup>10</sup> 59	9 <sup>10</sup> 20	10 <sup>10</sup> 57	8 <sup>10</sup> 57	4 <sup>10</sup> 5	T 2
W 3	14 42 54	12 <sup>9</sup> 31'25	7 <sup>11</sup> 58	0 <sup>11</sup> 58	26 <sup>9</sup> 39	2 <sup>10</sup> 46	20 <sup>9</sup> 7	13 <sup>9</sup> 21	26 <sup>9</sup> 7	11 <sup>9</sup> 10	23 <sup>9</sup> 59	9 <sup>9</sup> 14	10 <sup>9</sup> 54	9 <sup>9</sup> 4	4 <sup>9</sup> 9	W 3
T 4	14 46 50	13 <sup>8</sup> 29'59	22 <sup>8</sup> 45	2 <sup>8</sup> 54	27 <sup>8</sup> 42	3 <sup>8</sup> 32	20 <sup>8</sup> 2	13 <sup>8</sup> 26	26 <sup>8</sup> 8	11 <sup>8</sup> 12	24 <sup>8</sup> 0	9 <sup>8</sup> 11	10 <sup>8</sup> 51	9 <sup>8</sup> 11	4 <sup>8</sup> 13	T 4
F 5	14 50 47	14 <sup>7</sup> 28'31	7 <sup>10</sup> 7	4 <sup>7</sup> 52	28 <sup>7</sup> 46	4 <sup>7</sup> 19	19 <sup>7</sup> 58	13 <sup>7</sup> 31	26 <sup>7</sup> 10	11 <sup>7</sup> 13	24 <sup>7</sup> 0	9 <sup>7</sup> D10	10 <sup>7</sup> 47	9 <sup>7</sup> 17	4 <sup>7</sup> 17	F 5
S 6	14 54 44	15 <sup>6</sup> 27'02	21 <sup>6</sup> 0	6 <sup>6</sup> 51	29 <sup>6</sup> 50	5 <sup>6</sup> 5	19 <sup>6</sup> 53	13 <sup>6</sup> 35	26 <sup>6</sup> 11	11 <sup>6</sup> 14	24 <sup>6</sup> 1	9 <sup>6</sup> 10	10 <sup>6</sup> 44	9 <sup>6</sup> 24	4 <sup>6</sup> 21	S 6
S 7	14 58 40	16 <sup>5</sup> 25'30	4 <sup>7</sup> 27	8 <sup>5</sup> 52	0 <sup>7</sup> 53	5 <sup>5</sup> 51	19 <sup>5</sup> 47	13 <sup>5</sup> 40	26 <sup>5</sup> 12	11 <sup>5</sup> 15	24 <sup>5</sup> 2	9 <sup>5</sup> 11	10 <sup>5</sup> 41	9 <sup>5</sup> 31	4 <sup>5</sup> 25	S 7
M 8	15 2 37	17 <sup>4</sup> 23'55	17 <sup>5</sup> 29	10 <sup>5</sup> 55	1 <sup>5</sup> 58	6 <sup>5</sup> 38	19 <sup>4</sup> 42	13 <sup>4</sup> 44	26 <sup>4</sup> 13	11 <sup>4</sup> 17	24 <sup>4</sup> 2	9 <sup>4</sup> R12	10 <sup>4</sup> 38	9 <sup>4</sup> 37	4 <sup>4</sup> 29	M 8
T 9	15 6 33	18 <sup>3</sup> 22'19	0 <sup>11</sup> 9	12 <sup>5</sup> 59	3 <sup>5</sup> 2	7 <sup>5</sup> 24	19 <sup>3</sup> 37	13 <sup>3</sup> 49	26 <sup>3</sup> 14	11 <sup>3</sup> 18	24 <sup>3</sup> 3	9 <sup>3</sup> 11	10 <sup>3</sup> 35	9 <sup>3</sup> 44	4 <sup>3</sup> 33	T 9
W10	15 10 30	19 <sup>2</sup> 20'41	12 <sup>3</sup> 33	15 <sup>4</sup> 4	4 <sup>4</sup> 6	8 <sup>4</sup> 11	19 <sup>2</sup> 31	13 <sup>2</sup> 53	26 <sup>2</sup> 15	11 <sup>2</sup> 19	24 <sup>2</sup> 4	9 <sup>2</sup> 8	10 <sup>2</sup> 31	9 <sup>2</sup> 51	4 <sup>2</sup> 37	W10
T 11	15 14 26	20 <sup>1</sup> 19'00	24 <sup>2</sup> 45	17 <sup>10</sup> 10	5 <sup>11</sup> 1	8 <sup>10</sup> 57	19 <sup>1</sup> 25	13 <sup>1</sup> 57	26 <sup>1</sup> 16	11 <sup>1</sup> 20	24 <sup>1</sup> 5	9 <sup>1</sup> 3	10 <sup>1</sup> 28	9 <sup>1</sup> 58	4 <sup>1</sup> 41	T 11
F 12	15 18 23	21 <sup>0</sup> 17'18	6 <sup>11</sup> 47	19 <sup>18</sup> 18	6 <sup>16</sup> 16	9 <sup>14</sup> 3	19 <sup>0</sup> 20	14 <sup>0</sup> 1	26 <sup>0</sup> 17	11 <sup>0</sup> 21	24 <sup>0</sup> 6	8 <sup>0</sup> 57	10 <sup>0</sup> 25	10 <sup>0</sup> 4	4 <sup>0</sup> 45	F 12
S 13	15 22 19	22 <sup>0</sup> 15'33	18 <sup>14</sup> 3	21 <sup>26</sup> 26	7 <sup>21</sup> 21	10 <sup>19</sup> 29	19 <sup>14</sup> 14	14 <sup>0</sup> 6	26 <sup>18</sup> 18	11 <sup>22</sup> 22	24 <sup>6</sup> 6	8 <sup>49</sup> 49	10 <sup>22</sup> 22	10 <sup>11</sup> 11	4 <sup>49</sup> 49	S 13
S 14	15 26 16	23 <sup>0</sup> 13'47	0 <sup>11</sup> 35	23 <sup>36</sup> 36	8 <sup>26</sup> 26	11 <sup>16</sup> 16	19 <sup>7</sup> 7	14 <sup>10</sup> 10	26 <sup>19</sup> 19	11 <sup>23</sup> 23	24 <sup>7</sup> 7	8 <sup>40</sup> 40	10 <sup>19</sup> 19	10 <sup>18</sup> 18	4 <sup>54</sup> 54	S 14
M15	15 30 13	24 <sup>0</sup> 11'59	12 <sup>26</sup> 26	25 <sup>45</sup> 45	9 <sup>32</sup> 32	12 <sup>2</sup> 2	19 <sup>1</sup> 1	14 <sup>13</sup> 13	26 <sup>20</sup> 20	11 <sup>24</sup> 24	24 <sup>8</sup> 8	8 <sup>31</sup> 31	10 <sup>16</sup> 16	10 <sup>24</sup> 24	4 <sup>58</sup> 58	M15
T 16	15 34 9	25 <sup>0</sup> 10'09	24 <sup>18</sup> 18	27 <sup>55</sup> 55	10 <sup>38</sup> 38	12 <sup>48</sup> 48	18 <sup>55</sup> 55	14 <sup>17</sup> 17	26 <sup>21</sup> 21	11 <sup>25</sup> 25	24 <sup>9</sup> 9	8 <sup>24</sup> 24	10 <sup>12</sup> 12	10 <sup>31</sup> 31	5 <sup>2</sup> 2	T 16
W17	15 38 6	26 <sup>0</sup> 8'17	6 <sup>11</sup> 12	0 <sup>11</sup> 5	11 <sup>43</sup> 43	13 <sup>34</sup> 34	18 <sup>49</sup> 49	14 <sup>21</sup> 21	26 <sup>22</sup> 22	11 <sup>26</sup> 26	24 <sup>10</sup> 10	8 <sup>18</sup> 18	10 <sup>9</sup> 9	10 <sup>38</sup> 38	5 <sup>6</sup> 6	W17
T 18	15 42 2	27 <sup>0</sup> 6'24	8 <sup>11</sup> 11	2 <sup>15</sup> 15	12 <sup>49</sup> 49	14 <sup>20</sup> 20	18 <sup>42</sup> 42	14 <sup>25</sup> 25	26 <sup>22</sup> 22	11 <sup>27</sup> 27	24 <sup>11</sup> 11	8 <sup>14</sup> 14	10 <sup>6</sup> 6	10 <sup>45</sup> 45	5 <sup>10</sup> 10	T 18
F 19	15 45 59	28 <sup>0</sup> 4'30	0 <sup>11</sup> 15	4 <sup>24</sup> 24	13 <sup>55</sup> 55	15 <sup>6</sup> 6	18 <sup>35</sup> 35	14 <sup>28</sup> 28	26 <sup>23</sup> 23	11 <sup>28</sup> 28	24 <sup>12</sup> 12	8 <sup>12</sup> 12	10 <sup>3</sup> 3	10 <sup>51</sup> 51	5 <sup>14</sup> 14	F 19
S 20	15 49 55	29 <sup>0</sup> 2'34	12 <sup>28</sup> 28	6 <sup>33</sup> 33	15 <sup>2</sup> 2	15 <sup>53</sup> 53	18 <sup>29</sup> 29	14 <sup>32</sup> 32	26 <sup>24</sup> 24	11 <sup>28</sup> 28	24 <sup>13</sup> 13	8 <sup>12</sup> D12	10 <sup>0</sup> 0	10 <sup>58</sup> 58	5 <sup>18</sup> 18	S 20
S 21	15 53 52	0 <sup>11</sup> 0'36	24 <sup>52</sup> 52	8 <sup>40</sup> 40	16 <sup>8</sup> 8	16 <sup>39</sup> 39	18 <sup>22</sup> 22	14 <sup>35</sup> 35	26 <sup>24</sup> 24	11 <sup>29</sup> 29	24 <sup>14</sup> 14	8 <sup>13</sup> 13	9 <sup>57</sup> 57	11 <sup>5</sup> 5	5 <sup>23</sup> 23	S 21
M22	15 57 49	0 <sup>11</sup> 58'38	7 <sup>11</sup> 31	10 <sup>46</sup> 46	17 <sup>15</sup> 15	17 <sup>25</sup> 25	18 <sup>15</sup> 15	14 <sup>39</sup> 39	26 <sup>25</sup> 25	11 <sup>30</sup> 30	24 <sup>15</sup> 15	8 <sup>14</sup> 14	9 <sup>53</sup> 53	11 <sup>11</sup> 11	5 <sup>27</sup> 27	M22
T 23	16 1 45	1 <sup>10</sup> 56'37	20 <sup>28</sup> 28	12 <sup>50</sup> 50	18 <sup>22</sup> 22	18 <sup>11</sup> 11	18 <sup>8</sup> 8	14 <sup>42</sup> 42	26 <sup>25</sup> 25	11 <sup>31</sup> 31	24 <sup>16</sup> 16	8 <sup>16</sup> 16	9 <sup>50</sup> 50	11 <sup>18</sup> 18	5 <sup>31</sup> 31	T 23
W24	16 5 42	2 <sup>9</sup> 54'36	3 <sup>11</sup> 46	14 <sup>53</sup> 53	19 <sup>28</sup> 28	18 <sup>57</sup> 57	18 <sup>1</sup> 1	14 <sup>45</sup> 45	26 <sup>25</sup> 25	11 <sup>31</sup> 31	24 <sup>17</sup> 17	8 <sup>16</sup> R16	9 <sup>47</sup> 47	11 <sup>25</sup> 25	5 <sup>35</sup> 35	W24
T 25	16 9 38	3 <sup>8</sup> 52'33	17 <sup>29</sup> 29	16 <sup>53</sup> 53	20 <sup>35</sup> 35	19 <sup>43</sup> 43	17 <sup>54</sup> 54	14 <sup>48</sup> 48	26 <sup>26</sup> 26	11 <sup>32</sup> 32	24 <sup>18</sup> 18	8 <sup>15</sup> 15	9 <sup>44</sup> 44	11 <sup>31</sup> 31	5 <sup>39</sup> 39	T 25
F 26	16 13 35	4 <sup>7</sup> 50'29	1 <sup>10</sup> 36	18 <sup>51</sup> 51	21 <sup>43</sup> 43	20 <sup>28</sup> 28	17 <sup>47</sup> 47	14 <sup>51</sup> 51	26 <sup>26</sup> 26	11 <sup>33</sup> 33	24 <sup>19</sup> 19	8 <sup>13</sup> 13	9 <sup>41</sup> 41	11 <sup>38</sup> 38	5 <sup>44</sup> 44	F 26
S 27	16 17 31	5 <sup>6</sup> 48'24	16 <sup>7</sup> 7	20 <sup>46</sup> 46	22 <sup>50</sup> 50	21 <sup>14</sup> 14	17 <sup>39</sup> 39	14 <sup>54</sup> 54	26 <sup>26</sup> 26	11 <sup>33</sup> 33	24 <sup>20</sup> 20	8 <sup>10</sup> 10	9 <sup>37</sup> 37	11 <sup>45</sup> 45	5 <sup>48</sup> 48	S 27
S 28	16 21 28	6 <sup>5</sup> 46'18	0 <sup>11</sup> 58	22 <sup>39</sup> 39	23 <sup>57</sup> 57	22 <sup>0</sup> 0	17 <sup>32</sup> 32	14 <sup>57</sup> 57	26 <sup>27</sup> 27	11 <sup>34</sup> 34	24 <sup>21</sup> 21	8 <sup>5</sup> 5	9 <sup>34</sup> 34	11 <sup>52</sup> 52	5 <sup>52</sup> 52	S 28
M29	16 25 24	7 <sup>4</sup> 44'10	16 <sup>2</sup> 2	24 <sup>29</sup> 29	25 <sup>5</sup> 5	22 <sup>46</sup> 46	17 <sup>24</sup> 24	15 <sup>0</sup> 0	26 <sup>27</sup> 27	11 <sup>34</sup> 34	24 <sup>22</sup> 22	8 <sup>1</sup> 1	9 <sup>31</sup> 31	11 <sup>58</sup> 58	5 <sup>56</sup> 56	M29
T 30	16 29 21	8 <sup>3</sup> 42'02	1 <sup>11</sup> 9	26 <sup>16</sup> 16	26 <sup>12</sup> 12	23 <sup>32</sup> 32	17 <sup>17</sup> 17	15 <sup>2</sup> 2	26 <sup>27</sup> 27	11 <sup>35</sup> 35	24 <sup>23</sup> 23	7 <sup>57</sup> 57	9 <sup>28</sup> 28	12 <sup>5</sup> 5	6 <sup>0</sup> 0	T 30
W31	16 33 18	9 <sup>11</sup> 39'52	16 <sup>11</sup> 11	27 <sup>11</sup> 59	27 <sup>10</sup> 20	24 <sup>10</sup> 17	17 <sup>10</sup> 17	15 <sup>11</sup> 11	26 <sup>27</sup> 27	11 <sup>35</sup> 35	24 <sup>24</sup> 24	7 <sup>55</sup> 55	9 <sup>25</sup> 25	12 <sup>11</sup> 11	6 <sup>11</sup> 11	W31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
-----	---	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--

# ASTRODIENST EPHEMERIS for the year 2671

JUNE 2671

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 37 14	10II3740	0559	29II40	28V28	25V 3	17°R 2	15H 7	26°R27	11H36	24525	7°D53	9522	12M18	6II 9	T 1
F 2	16 41 11	11°35'27	15°25	19518	29°36	25°49	16°54	15°10	26°27	11°36	24°27	7554	9°18	12°25	6°13	F 2
S 3	16 45 7	12°33'13	29°26	2°52	0844	26°34	16°47	15°12	26°27	11°37	24°28	7°55	9°15	12°32	6°17	S 3
S 4	16 49 4	13°30'57	138 0	4°24	1°52	27°20	16°39	15°14	26°27	11°37	24°29	7°56	9°12	12°38	6°21	S 4
M 5	16 53 0	14°28'40	26° 9	5°52	3° 0	28° 5	16°32	15°16	26°26	11°37	24°30	7°57	9° 9	12°45	6°25	M 5
T 6	16 56 57	15°26'20	8M54	7°16	4° 9	28°51	16°24	15°18	26°26	11°38	24°31	7°58	9° 6	12°52	6°30	T 6
W 7	17 0 53	16°24'00	21°21	8°37	5°17	29°36	16°16	15°20	26°26	11°38	24°33	7°R58	9° 3	12°59	6°34	W 7
T 8	17 4 50	17°21'38	3A32	9°55	6°26	0822	16° 9	15°22	26°25	11°38	24°34	7°57	8°59	13° 5	6°38	T 8
F 9	17 8 47	18°19'14	15°32	11° 9	7°34	1° 7	16° 1	15°24	26°25	11°38	24°35	7°56	8°56	13°12	6°42	F 9
S 10	17 12 43	19°16'49	27°26	12°20	8°43	1°52	15°53	15°25	26°25	11°38	24°36	7°53	8°53	13°19	6°46	S 10
S 11	17 16 40	20°14'23	9M17	13°27	9°52	2°37	15°46	15°27	26°24	11°38	24°38	7°51	8°50	13°25	6°50	S 11
M12	17 20 36	21°11'56	21° 8	14°31	11° 1	3°22	15°38	15°28	26°24	11°39	24°39	7°48	8°47	13°32	6°54	M12
T 13	17 24 33	22° 9'27	3A 3	15°31	12°10	4° 8	15°31	15°30	26°23	11°39	24°40	7°46	8°43	13°39	6°58	T 13
W14	17 28 29	23° 6'58	15° 3	16°27	13°19	4°53	15°23	15°31	26°22	11°R39	24°42	7°44	8°40	13°45	7° 3	W14
T 15	17 32 26	24° 4'27	27°10	17°19	14°28	5°38	15°16	15°32	26°22	11°39	24°43	7°43	8°37	13°52	7° 7	T 15
F 16	17 36 22	25° 1'56	9527	18° 7	15°37	6°23	15° 8	15°33	26°21	11°39	24°44	7°D43	8°34	13°59	7°11	F 16
S 17	17 40 19	25°59'23	21°54	18°52	16°46	7° 8	15° 1	15°34	26°20	11°38	24°46	7°43	8°31	14° 6	7°15	S 17
S 18	17 44 12	26°56'50	4A34	19°32	17°55	7°52	14°53	15°35	26°19	11°38	24°47	7°44	8°28	14°12	7°19	S 18
M19	17 48 16	27°54'16	17°27	20° 8	19° 5	8°37	14°46	15°36	26°19	11°38	24°49	7°45	8°24	14°19	7°23	M19
T 20	17 52 9	28°51'41	0H35	20°40	20°14	9°22	14°39	15°36	26°18	11°38	24°50	7°46	8°21	14°26	7°27	T 20
W21	17 56 5	29°49'06	14° 0	21° 7	21°24	10° 7	14°32	15°37	26°17	11°38	24°51	7°46	8°18	14°32	7°31	W21
T 22	18 0 2	0546'30	27°43	21°30	22°33	10°51	14°25	15°37	26°16	11°38	24°53	7°R46	8°15	14°39	7°35	T 22
F 23	18 3 58	1°43'54	11V43	21°48	23°43	11°36	14°18	15°37	26°15	11°37	24°54	7°46	8°12	14°46	7°39	F 23
S 24	18 7 55	2°41'17	26° 1	22° 2	24°53	12°21	14°11	15°38	26°14	11°37	24°56	7°46	8° 9	14°52	7°43	S 24
S 25	18 11 51	3°38'40	10832	22°12	26° 3	13° 5	14° 4	15°38	26°13	11°37	24°57	7°46	8° 5	14°59	7°46	S 25
M26	18 15 48	4°36'02	25°13	22°17	27°13	13°50	13°57	15°R38	26°11	11°36	24°59	7°45	8° 2	15° 6	7°50	M26
T 27	18 19 45	5°33'24	9II58	22°R17	28°23	14°34	13°50	15°38	26°10	11°36	25° 0	7°45	7°59	15°12	7°54	T 27
W28	18 23 41	6°30'46	24°41	22°13	29°33	15°18	13°44	15°38	26° 9	11°35	25° 2	7°45	7°56	15°19	7°58	W28
T 29	18 27 38	7°28'07	9515	22° 4	0II43	16° 2	13°37	15°38	26° 8	11°35	25° 3	7°45	7°53	15°26	8° 2	T 29
F 30	18 31 34	8525'28	23533	21551	1II53	16847	13831	15H37	2688 6	11H34	255 5	7545	7549	15M33	8II 6	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	21n57	22n43	0s38	25n34	2n13	8n59	2s 3	8n33	1s11	21s55	0n49	7s17	1s34	13s20	0s43	7s44
F 2	22 5 23	9 0n41	25 35	2 15	9 21	2 4	8 50	1 11	21 54	0 49	7 17	1 34	13 20	0 43	7 44	0 36
S 3	22 13 22	5 1 56	25 34	2 15	9 44	2 5	9 7	1 11	21 53	0 49	7 16	1 34	13 20	0 43	7 44	0 36
S 4	22 20 19	45 3 1	25 31	2 15	10 6	2 6	9 23	1 10	21 53	0 49	7 15	1 35	13 20	0 44	7 44	0 36
M 5	22 27 16	26 3 55	25 26	2 13	10 28	2 7	9 40	1 10	21 52	0 48	7 15	1 35	13 20	0 44	7 44	0 36
T 6	22 34 12	27 4 35	25 20	2 11	10 51	2 8	9 56	1 10	21 51	0 48	7 14	1 35	13 21	0 44	7 44	0 36
W 7	22 40 8	3 5 2	25 12	2 8	11 13	2 9	10 13	1 9	21 51	0 48	7 13	1 35	13 21	0 44	7 44	0 36
T 8	22 45 3	24 5 14	25 3	2 4	11 35	2 9	10 29	1 9	21 50	0 48	7 13	1 36	13 21	0 44	7 44	0 36
F 9	22 50 1s17	5 12	24 52	2 0	11 56	2 10	10 45	1 9	21 49	0 48	7 13	1 36	13 21	0 44	7 44	0 36
S 10	22 55 5 54	4 57	24 41	1 54	12 18	2 10	11 1	1 8	21 49	0 48	7 12	1 36	13 21	0 44	7 44	0 36
S 11	23 0 10	17 4 29	24 28	1 48	12 39	2 11	11 16	1 8	21 48	0 48	7 12	1 36	13 21	0 44	7 44	0 36
M12	23 4 14	17 3 50	24 14	1 41	13 0	2 11	11 32	1 8	21 47	0 48	7 11	1 36	13 22	0 44	7 44	0 36
T 13	23 7 17	45 3 0	23 59	1 33	13 21	2 11	11 48	1 7	21 47	0 48	7 11	1 37	13 22	0 44	7 44	0 36
W14	23 10 20	30 2 2	23 44	1 24	13 42	2 11	12 3	1 7	21 46	0 47	7 11	1 37	13 22	0 44	7 44	0 36
T 15	23 13 22	21 0 58	23 28	1 14	14 2	2 11	12 18	1 6	21 45	0 47	7 11	1 37	13 22	0 44	7 44	0 36
F 16	23 16 23	11 0s10	23 11	1 4	14 22	2 11	12 34	1 6	21 45	0 47	7 10	1 37	13 23	0 44	7 44	0 36
S 17	23 17 22	51 1 18	22 54	0 53	14 42	2 10	12 49	1 6	21 44	0 47	7 10	1 38	13 23	0 44	7 44	0 36
S 18	23 19 21	22 2 23	22 37	0 41	15 2	2 10	13 3	1 5	21 43	0 47	7 10	1 38	13 23	0 44	7 44	0 36
M19	23 20 18	46 3 23	22 19	0 29	15 21	2 10	13 18	1 5	21 43	0 47	7 10	1 38	13 24	0 44	7 44	0 36
T 20	23 21 15	10 4 13	22 1	0 15	15 40	2 9	13 33	1 4	21 42	0 47	7 10	1 38	13 24	0 44	7 44	0 36
W21	23 21 10	44 4 50	21 44	0 2	15 59	2 8	13 47	1 4	21 41	0 46	7 10	1 39	13 24	0 44	7 44	0 36
T 22	23 21 5	41 5 12	21 26	0s13	16 17	2 8	14 2	1 3	21 41	0 46	7 10	1 39	13 25	0 44	7 44	0 36
F 23	23 20 0	14 5 16	21 8	0 28	16 35	2 7	14 16	1 3	21 40	0 46	7 10	1 39	13 25	0 44	7 45	0 36
S 24	23 19 5n20	5 1 20	51 0 43	16 53	2 6	14 30	1 2	21 39	0 46	7 10	1 39	13 25	0 44	7 45	0 37	19 54
S 25	23 18 10	42 4 27	20 33	0 59	17 10	2 5	14 44	1 2	21 39	0 46	7 10	1 39	13 26	0 44	7 45	0 37
M26	23 16 15	31 3 35	20 16	1 16	17 27	2 4	14 57	1 1	21 38	0 46	7 11	1 40	13 26	0 44	7 45	0 37
T 27	23 14 19	25 2 28	20 0	1 32	17 44	2 3	15 11	1 1	21 37	0 45	7 11	1 40	13 27	0 44	7 45	0 37
W28	23 12 22	3 1 12	19 44	1 49	18 0	2 1	15 24	1 0	21 37	0 45	7 11	1 40	13 27	0 44	7 45	0 37
T 29	23 9 23	10 0n 8	19 29	2 6	18 16	2 0	15 37	1 0	21 36	0 45	7 11	1 40	13 28	0 44	7 46	0 37
F 30	23n 5	22n44	1n27	19n15	2s22	18n31	1s59	15n50	0s59	21s36	0n45	7s12	1s41	13s28	0s44	7s46

Julian Day Number = 2696773.5, Delta T = 25m07s  
 Ecliptic obliquity = 23°21'06, Nutation = - 0°00'18  
 Ayanamsha: Fagan/Bradley = 34°07'58, Lahiri = 33°14'57

## ASTRODIENST EPHEMERIS for the year 2671

JULY 2671

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 35 31	9 <sup>00</sup> 22'48	7 <sup>00</sup> 31	21°R35	3 <sup>II</sup> 3	17 <sup>00</sup> 31	13°R25	15°R37	26°R 5	11°R34	25 <sup>00</sup> 6	7°R45	7 <sup>00</sup> 46	15 <sup>00</sup> 39	8 <sup>II</sup> 9	S 1
S 2	18 39 27	10°20'07	21° 6	21 <sup>00</sup> 14	4°13	18°15	13 <sup>00</sup> 18	15 <sup>00</sup> 36	26 <sup>00</sup> 4	11 <sup>00</sup> 33	25° 7	7 <sup>00</sup> 45	7°43	15°46	8°13	S 2
M 3	18 43 24	11°17'25	4 <sup>00</sup> 18	20°50	5°24	18°59	13°12	15°36	26° 2	11°33	25° 9	7°44	7°40	15°53	8°17	M 3
T 4	18 47 21	12°14'43	17° 7	20°23	6°34	19°43	13° 6	15°35	26° 1	11°32	25°11	7°44	7°37	15°59	8°21	T 4
W 5	18 51 17	13°12'00	29°36	19°53	7°45	20°27	13° 1	15°34	25°59	11°32	25°12	7°43	7°34	16° 6	8°24	W 5
T 6	18 55 14	14° 9'17	11 <sup>00</sup> 50	19°21	8°55	21°10	12°55	15°33	25°57	11°31	25°14	7°D43	7°30	16°13	8°28	T 6
F 7	18 59 10	15° 6'33	23°51	18°47	10° 6	21°54	12°50	15°32	25°56	11°30	25°15	7°43	7°27	16°19	8°31	F 7
S 8	19 3 7	16° 3'48	5 <sup>00</sup> 45	18°12	11°16	22°38	12°44	15°31	25°54	11°29	25°17	7°44	7°24	16°26	8°35	S 8
S 9	19 7 3	17° 1'03	17°36	17°36	12°27	23°21	12°39	15°30	25°53	11°29	25°18	7°45	7°21	16°33	8°38	S 9
M10	19 11 0	17°58'17	29°29	17° 0	13°37	24° 5	12°34	15°28	25°51	11°28	25°20	7°45	7°18	16°40	8°42	M10
T 11	19 14 56	18°55'31	11 <sup>00</sup> 27	16°26	14°48	24°48	12°29	15°27	25°49	11°27	25°21	7°46	7°15	16°46	8°45	T 11
W12	19 18 53	19°52'45	23°34	15°52	15°59	25°32	12°24	15°25	25°47	11°26	25°23	7°47	7°11	16°53	8°49	W12
T 13	19 22 50	20°49'58	5 <sup>00</sup> 32	15°20	17°10	26°15	12°19	15°24	25°46	11°25	25°24	7°R48	7° 8	17° 0	8°52	T 13
F 14	19 26 46	21°47'11	18°52	14°51	18°21	26°58	12°15	15°22	25°44	11°25	25°26	7°47	7° 5	17° 6	8°56	F 14
S 15	19 30 43	22°44'24	1 <sup>00</sup> 9	14°24	19°32	27°41	12°11	15°20	25°42	11°24	25°27	7°47	7° 2	17°13	8°59	S 15
S 16	19 34 39	23°41'37	14°10	14° 1	20°43	28°24	12° 6	15°19	25°40	11°23	25°29	7°45	6°59	17°20	9° 2	S 16
M17	19 38 36	24°38'50	27°25	13°42	21°54	29° 7	12° 2	15°17	25°38	11°22	25°30	7°43	6°55	17°26	9° 6	M17
T 18	19 42 32	25°36'04	10 <sup>00</sup> 55	13°27	23° 5	29°50	11°58	15°15	25°36	11°21	25°32	7°40	6°52	17°33	9° 9	T 18
W19	19 46 29	26°33'17	24°36	13°16	24°16	0 <sup>II</sup> 33	11°55	15°12	25°34	11°20	25°34	7°38	6°49	17°40	9°12	W19
T 20	19 50 25	27°30'31	8 <sup>00</sup> 29	13°10	25°27	1°16	11°51	15°10	25°32	11°19	25°35	7°36	6°46	17°46	9°15	T 20
F 21	19 54 22	28°27'45	22°31	13°D 9	26°39	1°59	11°48	15° 8	25°30	11°18	25°37	7°D36	6°43	17°53	9°18	F 21
S 22	19 58 19	29°24'59	6 <sup>00</sup> 42	13°13	27°50	2°41	11°45	15° 6	25°28	11°16	25°38	7°36	6°40	18° 0	9°21	S 22
S 23	20 2 15	0 <sup>00</sup> 22'14	20°58	13°23	29° 1	3°24	11°42	15° 3	25°26	11°15	25°40	7°36	6°36	18° 6	9°24	S 23
M24	20 6 12	1°19'30	5 <sup>00</sup> 17	13°37	0 <sup>00</sup> 13	4° 6	11°39	15° 1	25°24	11°14	25°41	7°38	6°33	18°13	9°27	M24
T 25	20 10 8	2°16'46	19°37	13°58	1°24	4°49	11°36	14°58	25°22	11°13	25°43	7°39	6°30	18°20	9°30	T 25
W26	20 14 5	3°14'03	3 <sup>00</sup> 54	14°23	2°36	5°31	11°34	14°55	25°20	11°12	25°44	7°R40	6°27	18°27	9°33	W26
T 27	20 18 1	4°11'20	18° 4	14°54	3°47	6°13	11°31	14°52	25°18	11°11	25°46	7°40	6°24	18°33	9°36	T 27
F 28	20 21 58	5° 8'37	2 <sup>00</sup> 2	15°30	4°59	6°55	11°29	14°50	25°15	11° 9	25°47	7°38	6°21	18°40	9°39	F 28
S 29	20 25 54	6° 5'55	15°46	16°12	6°11	7°38	11°27	14°47	25°13	11° 8	25°49	7°35	6°17	18°47	9°42	S 29
S 30	20 29 51	7° 3'13	29°12	16°59	7°23	8°20	11°25	14°44	25°11	11° 7	25°50	7°31	6°14	18°53	9°44	S 30
M31	20 33 48	8 <sup>00</sup> 0'31	12 <sup>00</sup> 19	17°51	8°34	9 <sup>II</sup> 1	11°24	14°40	25 <sup>00</sup> 9	11 <sup>00</sup> 6	25°52	7°26	6°11	19 <sup>00</sup> 0	9 <sup>II</sup> 47	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	23n 1	20n52	2n38	19n 1	2s39	18n46	1s57	16n 3	0s59	21s35	0n45	7s12	1s41	13s29	0s45	7s46
S 2	22 57	17 51	3 38	18 48	2 55	19 1	1 56	16 16	0 58	21 35	0 45	7 13	1 41	13 29	0 45	7 46
M 3	22 52	14 0	4 25	18 36	3 10	19 15	1 54	16 29	0 58	21 34	0 44	7 13	1 41	13 30	0 45	7 46
T 4	22 47	9 38	4 57	18 26	3 25	19 29	1 53	16 41	0 57	21 33	0 44	7 13	1 41	13 30	0 45	7 47
W 5	22 42	4 57	5 14	18 16	3 40	19 42	1 51	16 53	0 56	21 33	0 44	7 14	1 42	13 31	0 45	7 47
T 6	22 36	0 12	5 16	18 7	3 53	19 55	1 49	17 5	0 56	21 32	0 44	7 15	1 42	13 31	0 45	7 47
F 7	22 30	4s30	5 5	18 0	4 5	20 7	1 47	17 17	0 55	21 32	0 44	7 15	1 42	13 32	0 45	7 48
S 8	22 23	8 59	4 40	17 53	4 16	20 19	1 45	17 29	0 55	21 31	0 44	7 16	1 42	13 32	0 45	7 48
S 9	22 16	13 7	4 4	17 48	4 26	20 30	1 43	17 40	0 54	21 31	0 43	7 17	1 43	13 33	0 45	7 48
M10	22 9	16 46	3 17	17 44	4 34	20 40	1 41	17 52	0 53	21 30	0 43	7 17	1 43	13 34	0 45	7 49
T 11	22 1	19 45	2 21	17 42	4 41	20 51	1 39	18 3	0 53	21 30	0 43	7 18	1 43	13 34	0 45	7 49
W12	21 53	21 54	1 18	17 40	4 46	21 0	1 37	18 14	0 52	21 30	0 43	7 19	1 43	13 35	0 45	7 49
T 13	21 45	23 3	0 11	17 40	4 50	21 10	1 35	18 24	0 52	21 29	0 43	7 20	1 43	13 35	0 45	7 50
F 14	21 36	23 3	0s58	17 41	4 52	21 18	1 33	18 35	0 51	21 29	0 42	7 20	1 44	13 36	0 45	7 50
S 15	21 27	21 52	2 6	17 44	4 53	21 26	1 30	18 45	0 50	21 28	0 42	7 21	1 44	13 37	0 45	7 50
S 16	21 17	19 31	3 8	17 47	4 52	21 34	1 28	18 56	0 50	21 28	0 42	7 22	1 44	13 37	0 45	7 51
M17	21 7	16 5	4 1	17 51	4 49	21 41	1 26	19 6	0 49	21 28	0 42	7 23	1 44	13 38	0 45	7 51
T 18	20 57	11 47	4 42	17 57	4 45	21 47	1 23	19 15	0 48	21 27	0 42	7 24	1 45	13 39	0 45	7 51
W19	20 46	6 50	5 7	18 3	4 40	21 53	1 21	19 25	0 48	21 27	0 41	7 25	1 45	13 39	0 45	7 52
T 20	20 35	1 29	5 15	18 10	4 33	21 58	1 18	19 34	0 47	21 27	0 41	7 26	1 45	13 40	0 45	7 52
F 21	20 24	4n 1	5 4	18 18	4 26	22 3	1 16	19 44	0 46	21 27	0 41	7 27	1 45	13 41	0 45	7 53
S 22	20 12	9 21	4 35	18 26	4 17	22 7	1 13	19 53	0 45	21 26	0 41	7 28	1 45	13 42	0 45	7 53
S 23	20 0	14 14	3 49	18 35	4 7	22 10	1 11	20 2	0 45	21 26	0 40	7 29	1 46	13 42	0 45	7 54
M24	19 47	18 20	2 49	18 44	3 56	22 13	1 8	20 10	0 44	21 26	0 40	7 31	1 46	13 43	0 45	7 54
T 25	19 35	21 20	1 38	18 54	3 45	22 15	1 5	20 19	0 43	21 26	0 40	7 32	1 46	13 44	0 45	7 55
W26	19 22	22 57	0 21	19 3	3 33	22 17	1 3	20 27	0 42	21 26	0 40	7 33	1 46	13 44	0 45	7 55
T 27	19 8	23 5	0n57	19 13	3 20	22 18	1 0	20 35	0 42	21 26	0 40	7 34	1 46	13 45	0 45	7 55
F 28	18 55	21 44	2 10	19 22	3 7	22 18	0 57	20 43	0 41	21 26	0 39	7 36	1 47	13 46	0 45	7 56
S 29	18 41	19 8	3 14	19 31	2 53	22 18	0 55	20 51	0 40	21 26	0 39	7 37	1 47	13 47	0 45	7 56
S 30	18 26	15 32	4 5	19 39	2 39	22 17	0 52	20 58	0 39	21 26	0 39	7 38	1 47	13 47	0 45	7 57
M31	18n12	11n16	4n43	19n47	2s25	22n16	0s49	21n 5	0s39	21s26	0n39	7s40	1s47	13s48	0s45	7s57

Julian Day Number = 2696803.5, Delta T = 25m07s

Ecliptic obliquity = 23°21'06, Nutation = - 0°00'16

Ayanamsha: Fagan/Bradley = 34°08'02, Lahiri = 33°15'02

## ASTRODIENST EPHEMERIS for the year 2671

AUGUST 2671

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 37 44	8♂57°50	25♂6	18♂48	9♂46	9♂43	11°R22	14°R37	25°R 6	11°R 4	25♂53	7°R21	6♂8	19♂7	9♂50	T 1
W 2	20 41 41	9°55'08	7♂36	19°50	10°58	10°25	11♂21	14♂34	25°R 4	11♂3	25°55	7♂17	6°5	19°13	9°52	W 2
T 3	20 45 37	10°52'28	7♂39	20°58	12°10	11°6	11°20	14°31	25°2	11°2	25°56	7°14	6°1	19°20	9°55	T 3
F 4	20 49 34	11°49'47	1♂51	22°10	13°22	11°48	11°19	14°27	25°0	11°0	25°58	7°12	5°58	19°27	9°57	F 4
S 5	20 53 30	12°47'07	13°45	23°28	14°34	12°29	11°19	14°24	24°57	10°59	25°59	7°D11	5°55	19°33	10°0	S 5
S 6	20 57 27	13°44'27	25°36	24°49	15°46	13°11	11°18	14°20	24°55	10°57	26°1	7°12	5°52	19°40	10°2	S 6
M 7	21 1 23	14°41'47	7♂29	26°16	16°58	13°52	11°18	14°17	24°53	10°56	26°2	7°13	5°49	19°47	10°4	M 7
T 8	21 5 20	15°39'08	19°29	27°47	18°10	14°33	11°D18	14°13	24°50	10°55	26°4	7°15	5°46	19°53	10°7	T 8
W 9	21 9 17	16°36'30	1♂34	29°22	19°22	15°14	11°18	14°9	24°48	10°53	26°5	7°R16	5°42	20°0	10°9	W 9
T 10	21 13 13	17°33'51	14°8	1♂1	20°35	15°55	11°18	14°6	24°45	10°52	26°7	7°16	5°39	20°7	10°11	T 10
F 11	21 17 10	18°31'14	26°53	2°45	21°47	16°36	11°18	14°2	24°43	10°50	26°8	7°14	5°36	20°14	10°13	F 11
S 12	21 21 6	19°28'37	9♂57	4°31	22°59	17°17	11°19	13°58	24°41	10°49	26°10	7°10	5°33	20°20	10°15	S 12
S 13	21 25 3	20°26'01	23°20	6°21	24°12	17°57	11°20	13°54	24°38	10°47	26°11	7°5	5°30	20°27	10°17	S 13
M14	21 28 59	21°23'26	7♂1	8°14	25°24	18°38	11°21	13°50	24°36	10°46	26°13	6°58	5°27	20°34	10°19	M14
T 15	21 32 56	22°20'51	20°57	10°9	26°37	19°18	11°22	13°46	24°34	10°44	26°14	6°51	5°23	20°40	10°21	T 15
W16	21 36 52	23°18'18	5°Y 3	12°7	27°49	19°58	11°23	13°42	24°31	10°43	26°15	6°44	5°20	20°47	10°23	W16
T 17	21 40 49	24°15'46	19°16	14°6	29°2	20°39	11°25	13°38	24°29	10°41	26°17	6°39	5°17	20°54	10°25	T 17
F 18	21 44 46	25°13'15	3♂30	16°7	0♂14	21°19	11°26	13°34	24°26	10°40	26°18	6°35	5°14	21°0	10°27	F 18
S 19	21 48 42	26°10'45	17°44	18°9	1°27	21°59	11°28	13°30	24°24	10°38	26°20	6°33	5°11	21°7	10°28	S 19
S 20	21 52 39	27°8'16	1♂55	20°12	2°40	22°39	11°30	13°25	24°22	10°36	26°21	6°D33	5°7	21°14	10°30	S 20
M21	21 56 35	28°5'50	16°0	22°16	3°53	23°19	11°32	13°21	24°19	10°35	26°22	6°34	5°4	21°20	10°32	M21
T 22	22 0 32	29°3'24	29°59	24°20	5°5	23°58	11°35	13°17	24°17	10°33	26°24	6°R34	5°1	21°27	10°33	T 22
W23	22 4 28	0♂1'00	13♂51	26°23	6°18	24°38	11°37	13°13	24°14	10°32	26°25	6°34	4°58	21°34	10°35	W23
T 24	22 8 25	0°58'37	27°35	28°26	7°31	25°17	11°40	13°8	24°12	10°30	26°26	6°32	4°55	21°40	10°36	T 24
F 25	22 12 21	1°56'15	11♂9	0♂29	8°44	25°57	11°43	13°4	24°10	10°28	26°28	6°28	4°52	21°47	10°37	F 25
S 26	22 16 18	2°53'55	24°32	2°31	9°57	26°36	11°46	12°59	24°7	10°27	26°29	6°21	4°48	21°54	10°39	S 26
S 27	22 20 15	3°51'36	7♂41	4°32	11°10	27°15	11°49	12°55	24°5	10°25	26°30	6°13	4°45	22°0	10°40	S 27
M28	22 24 11	4°49'18	20°35	6°32	12°23	27°54	11°53	12°51	24°3	10°23	26°31	6°3	4°42	22°7	10°41	M28
T 29	22 28 8	5°47'01	3♂14	8°31	13°36	28°33	11°56	12°46	24°0	10°22	26°33	5°52	4°39	22°14	10°42	T 29
W30	22 32 4	6°44'45	15°38	10°29	14°50	29°12	12°0	12°42	23°58	10°20	26°34	5°42	4°36	22°20	10°43	W30
T 31	22 36 1	7♂42'30	27♂48	12♂26	16♂3	29♂51	12♂4	12♂37	23°56	10♂19	26♂35	5♂34	4♂32	22♂27	10♂44	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	17n57	6n36	5n 5	19n53	2s10	22n13	0s46	21n12	0s38	21s26	0n39	7s41	1s47	13s49	0s45	7s58
W 2	17 42	1 47	5 12	19 59	1 55	22 11	0 43	21 19	0 37	21 26	0 38	7 42	1 47	13 50	0 45	7 59
T 3	17 26	3s 1	5 5	20 4	1 41	22 7	0 41	21 26	0 36	21 26	0 38	7 44	1 48	13 51	0 45	7 59
F 4	17 11	7 38	4 44	20 7	1 26	22 3	0 38	21 32	0 35	21 26	0 38	7 45	1 48	13 51	0 45	8 0
S 5	16 55	11 55	4 11	20 9	1 22	21 59	0 35	21 38	0 35	21 26	0 38	7 47	1 48	13 52	0 45	8 0
S 6	16 38	15 44	3 28	20 9	0 57	21 54	0 32	21 44	0 34	21 26	0 38	7 48	1 48	13 53	0 45	8 1
M 7	16 22	18 56	2 35	20 7	0 43	21 48	0 29	21 50	0 33	21 26	0 37	7 50	1 48	13 54	0 45	8 1
T 8	16 5	21 21	1 35	20 3	0 29	21 41	0 26	21 56	0 32	21 26	0 37	7 51	1 48	13 54	0 45	8 2
W 9	15 48	22 50	0 30	19 57	0 16	21 34	0 24	22 1	0 31	21 27	0 37	7 53	1 49	13 55	0 45	8 2
T 10	15 31	23 13	0s37	19 49	0 3	21 26	0 21	22 7	0 30	21 27	0 37	7 55	1 49	13 56	0 45	8 3
F 11	15 13	22 25	1 44	19 38	0n10	21 18	0 18	22 12	0 29	21 27	0 36	7 56	1 49	13 57	0 45	8 4
S 12	14 55	20 23	2 48	19 25	0 21	21 9	0 15	22 16	0 28	21 27	0 36	7 58	1 49	13 58	0 45	8 4
S 13	14 37	17 12	3 43	19 9	0 33	21 0	0 12	22 21	0 28	21 28	0 36	7 59	1 49	13 58	0 45	8 5
M14	14 19	13 2	4 27	18 50	0 43	20 50	0 9	22 25	0 27	21 28	0 36	8 1	1 49	13 59	0 45	8 5
T 15	14 1	8 7	4 56	18 29	0 53	20 39	0 7	22 30	0 26	21 28	0 36	8 3	1 50	14 0	0 45	8 6
W16	13 42	2 43	5 8	18 5	1 2	20 28	0 4	22 34	0 25	21 29	0 35	8 4	1 50	14 1	0 45	8 6
T 17	13 23	2n52	5 0	17 39	1 10	20 16	0 1	22 38	0 24	21 29	0 35	8 6	1 50	14 2	0 45	8 7
F 18	13 4	8 20	4 35	17 11	1 17	20 3	0n2	22 41	0 23	21 30	0 35	8 8	1 50	14 2	0 45	8 8
S 19	12 45	13 20	3 52	16 40	1 24	19 50	0 5	22 45	0 22	21 30	0 35	8 10	1 50	14 3	0 45	8 8
S 20	12 25	17 36	2 55	16 6	1 29	19 37	0 7	22 48	0 21	21 31	0 35	8 11	1 50	14 4	0 45	8 9
M21	12 6	20 49	1 48	15 31	1 34	19 23	0 10	22 51	0 20	21 31	0 34	8 13	1 50	14 5	0 45	8 9
T 22	11 46	22 46	0 35	14 54	1 38	19 8	0 13	22 54	0 19	21 32	0 34	8 15	1 50	14 6	0 45	8 10
W23	11 26	23 17	0n39	14 15	1 41	18 53	0 15	22 56	0 18	21 32	0 34	8 17	1 51	14 6	0 45	8 11
T 24	11 5	22 22	1 50	13 35	1 43	18 37	0 18	22 59	0 17	21 33	0 34	8 18	1 51	14 7	0 45	8 11
F 25	10 45	20 9	2 54	12 53	1 44	18 20	0 21	23 1	0 16	21 33	0 34	8 20	1 51	14 8	0 45	8 12
S 26	10 24	16 52	3 48	12 11	1 45	18 4	0 23	23 3	0 15	21 34	0 33	8 22	1 51	14 9	0 45	8 13
S 27	10 3	12 48	4 28	11 27	1 45	17 46	0 26	23 5	0 14	21 35	0 33	8 24	1 51	14 10	0 45	8 13
M28	9 43	8 13	4 53	10 42	1 44	17 28	0 28	23 7	0 13	21 35	0 33	8 25	1 51	14 10	0 45	8 14
T 29	9 21	3 22	5 4	9 56	1 43	17 10	0 31	23 8	0 12	21 36	0 33	8 27	1 51	14 11	0 45	8 14
W30	9 0	1s31	5 0	9 10	1 41	16 51	0 33	23 10	0 11	21 37	0 33	8 29	1 51	14 12	0 45	8 15
T 31	8n39	6s16	4n42	8n24	1n39	16n32	0n35	23n11	0s10	21s37	0n32	8s31	1s51	14s13	0s45	8s16

Julian Day Number = 2696834.5, Delta T = 25m08s

Ecliptic obliquity = 23°21'07, Nutation = - 0°00'16

Ayanamsha: Fagan/Bradley = 34°08'06, Lahiri = 33°15'06

## ASTRODIENST EPHEMERIS for the year 2671

SEPTEMBER 2671

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 39 57	8♐40'17	9♐48	14♐21	17♐16	0♐29	12♐8	12°R33	23°R53	10°R17	26°36	5°R28	4♐29	22♐34	10♐45	F 1
S 2	22 43 54	9°38'05	21°40	16°15	18°29	1°7	12°13	12°H28	23°H51	10°H15	26°38	5°24	4°26	22°41	10°46	S 2
S 3	22 47 50	10°35'53	3♐30	18°8	19°43	1°46	12°17	12°24	23°49	10°14	26°39	5°22	4°23	22°47	10°47	S 3
M 4	22 51 47	11°33'43	15°22	19°59	20°56	2°24	12°22	12°19	23°47	10°12	26°40	5°D22	4°20	22°54	10°48	M 4
T 5	22 55 43	12°31'35	27°21	21°49	22°9	3°2	12°26	12°15	23°44	10°10	26°41	5°22	4°17	23°1	10°49	T 5
W 6	22 59 40	13°29'27	9♐34	23°38	23°23	3°40	12°31	12°10	23°42	10°9	26°42	5°R22	4°13	23°7	10°49	W 6
T 7	23 3 37	14°27'21	22°4	25°25	24°36	4°17	12°36	12°5	23°40	10°7	26°43	5°21	4°10	23°14	10°50	T 7
F 8	23 7 33	15°25'15	4♐56	27°11	25°50	4°55	12°42	12°1	23°38	10°5	26°44	5°18	4°7	23°21	10°50	F 8
S 9	23 11 30	16°23'12	18°13	28°56	27°4	5°32	12°47	11°56	23°36	10°4	26°46	5°12	4°4	23°27	10°51	S 9
S 10	23 15 26	17°21'09	1♐53	0♐39	28°17	6°10	12°53	11°52	23°33	10°2	26°47	5°4	4°1	23°34	10°51	S 10
M11	23 19 23	18°19'08	15°57	2°21	29°31	6°47	12°58	11°47	23°31	10°1	26°48	4°53	3°58	23°41	10°51	M11
T 12	23 23 19	19°17'08	0♐19	4°2	0♐45	7°24	13°4	11°43	23°29	9°59	26°49	4°42	3°54	23°47	10°52	T 12
W13	23 27 16	20°15'10	14°52	5°42	1°58	8°1	13°10	11°39	23°27	9°57	26°50	4°32	3°51	23°54	10°52	W13
T 14	23 31 12	21°13'14	29°30	7°20	3°12	8°38	13°16	11°34	23°25	9°56	26°51	4°23	3°48	24°1	10°52	T 14
F 15	23 35 9	22°11'20	14♐6	8°57	4°26	9°14	13°23	11°30	23°23	9°54	26°52	4°16	3°45	24°7	10°52	F 15
S 16	23 39 6	23°9'27	28°34	10°33	5°40	9°51	13°29	11°25	23°21	9°53	26°53	4°12	3°42	24°14	10°R52	S 16
S 17	23 43 2	24°7'37	12♐50	12°8	6°54	10°27	13°36	11°21	23°19	9°51	26°54	4°10	3°38	24°21	10°52	S 17
M18	23 46 59	25°5'49	26°52	13°41	8°8	11°3	13°42	11°17	23°17	9°49	26°54	4°10	3°35	24°27	10°52	M18
T 19	23 50 55	26°4'03	10♐41	15°14	9°22	11°39	13°49	11°12	23°15	9°48	26°55	4°10	3°32	24°34	10°52	T 19
W20	23 54 52	27°2'18	24°17	16°45	10°36	12°15	13°56	11°8	23°14	9°46	26°56	4°9	3°29	24°41	10°52	W20
T 21	23 58 48	28°0'36	7♐40	18°15	11°50	12°51	14°3	11°4	23°12	9°45	26°57	4°5	3°26	24°47	10°51	T 21
F 22	0 2 45	28°58'56	20°52	19°43	13°4	13°26	14°11	11°0	23°10	9°43	26°58	3°59	3°23	24°54	10°51	F 22
S 23	0 6 41	29°57'17	3♐52	21°11	14°18	14°2	14°18	10°55	23°8	9°42	26°59	3°51	3°19	25°1	10°51	S 23
S 24	0 10 38	0♐55'40	16°41	22°37	15°32	14°37	14°26	10°51	23°6	9°40	27°0	3°39	3°16	25°7	10°50	S 24
M25	0 14 35	1°54'06	29°19	24°2	16°46	15°12	14°33	10°47	23°5	9°39	27°0	3°26	3°13	25°14	10°50	M25
T 26	0 18 31	2°52'33	11♐45	25°26	18°0	15°47	14°41	10°43	23°3	9°37	27°1	3°12	3°10	25°21	10°49	T 26
W27	0 22 28	3°51'02	23°59	26°49	19°15	16°21	14°49	10°39	23°1	9°36	27°2	2°59	3°7	25°27	10°48	W27
T 28	0 26 24	4°49'32	6♐3	28°10	20°29	16°56	14°57	10°35	23°0	9°34	27°3	2°47	3°4	25°34	10°48	T 28
F 29	0 30 21	5°48'05	17°58	29°30	21°43	17°30	15°6	10°31	22°58	9°33	27°3	2°38	3°0	25°41	10°47	F 29
S 30	0 34 17	6♐46'39	29♐48	0♐49	22♐58	18°5	15°14	10°H28	22°H57	9°H31	27°4	2°32	2°57	25♐47	10♐46	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	8n17	10s43	4n12	7n37	1n36	16n12	0n38	23n12	0s9	21s38	0n32	8s33	1s51	14s13	0s45	8s16
S 2	7 56	14 43	3 31	6 49	1 32	15 52	0 40	23 13	0 8	21 39	0 32	8 34	1 51	14 14	0 45	8 17
S 3	7 34	18 8	2 41	6 2	1 28	15 31	0 42	23 13	0 7	21 40	0 32	8 36	1 52	14 15	0 45	8 18
M 4	7 12	20 49	1 45	5 14	1 24	15 10	0 45	23 14	0 6	21 40	0 32	8 38	1 52	14 16	0 45	8 18
T 5	6 50	22 37	0 43	4 27	1 19	14 49	0 47	23 14	0 5	21 41	0 31	8 40	1 52	14 16	0 45	8 19
W 6	6 28	23 23	0s22	3 59	1 14	14 27	0 49	23 14	0 4	21 42	0 31	8 42	1 52	14 17	0 45	8 19
T 7	6 6	23 0	1 28	2 32	1 9	14 4	0 51	23 14	0 3	21 43	0 31	8 43	1 52	14 18	0 45	8 20
F 8	5 44	21 24	2 30	2 5	1 3	13 42	0 53	23 14	0 1	21 44	0 31	8 45	1 52	14 18	0 45	8 21
S 9	5 21	18 36	3 27	1 18	0 57	13 19	0 55	23 14	0 0	21 44	0 31	8 47	1 52	14 19	0 45	8 21
S 10	4 59	14 42	4 13	0 31	0 50	12 55	0 57	23 13	0n1	21 45	0 30	8 49	1 52	14 20	0 45	8 22
M11	4 36	9 54	4 45	0s16	0 44	12 31	0 59	23 13	0 2	21 46	0 30	8 50	1 52	14 21	0 45	8 23
T 12	4 14	4 28	5 0	1 2	0 37	12 7	1 1	23 12	0 3	21 47	0 30	8 52	1 52	14 21	0 45	8 23
W13	3 51	1n17	4 56	1 48	0 30	11 43	1 3	23 11	0 4	21 48	0 30	8 54	1 52	14 22	0 45	8 24
T 14	3 28	6 59	4 33	2 33	0 23	11 18	1 4	23 10	0 5	21 49	0 30	8 56	1 52	14 23	0 45	8 24
F 15	3 5	12 19	3 52	3 18	0 16	10 52	1 6	23 8	0 7	21 50	0 30	8 57	1 52	14 23	0 45	8 25
S 16	2 42	16 54	2 56	4 2	0 8	10 27	1 8	23 7	0 8	21 51	0 29	8 59	1 52	14 24	0 45	8 26
S 17	2 19	20 26	1 50	4 46	0 1	10 1	1 9	23 5	0 9	21 52	0 29	9 1	1 52	14 24	0 45	8 26
M18	1 56	22 40	0 39	5 29	0s7	9 35	1 11	23 4	0 10	21 53	0 29	9 2	1 52	14 25	0 45	8 27
T 19	1 33	23 30	0n34	6 12	0 15	9 9	1 12	23 2	0 11	21 54	0 29	9 4	1 52	14 26	0 45	8 27
W20	1 10	22 54	1 44	6 54	0 23	8 42	1 13	23 0	0 13	21 55	0 29	9 6	1 52	14 26	0 45	8 28
T 21	0 47	20 59	2 47	7 36	0 31	8 15	1 15	22 58	0 14	21 56	0 28	9 7	1 52	14 27	0 45	8 29
F 22	0 24	17 58	3 40	8 17	0 38	7 48	1 16	22 56	0 15	21 57	0 28	9 9	1 52	14 27	0 45	8 29
S 23	0 1	14 6	4 20	8 57	0 46	7 21	1 17	22 53	0 16	21 58	0 28	9 10	1 52	14 28	0 45	8 30
S 24	0s22	9 39	4 47	9 37	0 54	6 53	1 18	22 51	0 18	21 59	0 28	9 12	1 52	14 29	0 45	8 30
M25	0 45	4 51	4 59	10 16	1 2	6 25	1 19	22 48	0 19	22 0	0 28	9 14	1 52	14 29	0 45	8 31
T 26	1 8	0s4	4 57	10 54	1 10	5 58	1 20	22 45	0 20	22 1	0 28	9 15	1 52	14 30	0 45	8 31
W27	1 32	4 55	4 40	11 31	1 18	5 29	1 21	22 43	0 21	22 2	0 27	9 17	1 52	14 30	0 45	8 32
T 28	1 55	9 32	4 12	12 8	1 26	5 1	1 22	22 40	0 23	22 3	0 27	9 18	1 52	14 31	0 45	8 33
F 29	2 18	13 44	3 32	12 44	1 34	4 33	1 23	22 37	0 24	22 4	0 27	9 19	1 52	14 31	0 45	8 33
S 30	2s41	17s22	2n44	13s19	1s42	4n4	1n24	22n33	0n25	22s5	0n27	9s21	1s52	14s32	0s45	8s34

Julian Day Number = 2696865.5, Delta T = 25m08s

Ecliptic obliquity = 23°21'07", Nutation = - 0°00'17"

Ayanamsha: Fagan/Bradley = 34°08'10", Lahiri = 33°15'10"

## ASTRODIENST EPHEMERIS for the year 2671

OCTOBER 2671

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 38 14	7♂45'15	11♂7'35	2♂ 6	24♂12	18♂38	15♂22	10°R24	22°R55	9°R30	27♂ 5	2°R29	2♂54	25♂54	10°R45	S 1
M 2	0 42 10	8°43'52	23°25	3°22	25°26	19°12	15°31	10°H20	22°A54	9°H29	27° 5	2°R27	2°51	26° 1	10°H44	M 2
T 3	0 46 7	9°42'31	5♂22	4°36	26°41	19°45	15°40	10°16	22°52	9°27	27° 6	2°27	2°48	26° 7	10°43	T 3
W 4	0 50 4	10°41'12	17°32	5°48	27°55	20°19	15°49	10°13	22°51	9°26	27° 6	2°27	2°44	26°14	10°42	W 4
T 5	0 54 0	11°39'55	0♂ 1	6°59	29°10	20°52	15°57	10° 9	22°50	9°25	27° 7	2°26	2°41	26°21	10°41	T 5
F 6	0 57 57	12°38'39	12°53	8° 8	0♂24	21°25	16° 7	10° 6	22°48	9°23	27° 8	2°23	2°38	26°27	10°39	F 6
S 7	1 1 53	13°37'25	26°11	9°15	1°39	21°57	16°16	10° 2	22°47	9°22	27° 8	2°17	2°35	26°34	10°38	S 7
S 8	1 5 50	14°36'12	9♂59	10°20	2°53	22°30	16°25	9°59	22°46	9°21	27° 9	2° 9	2°32	26°41	10°37	S 8
M 9	1 9 46	15°35'01	24°14	11°22	4° 8	23° 2	16°34	9°56	22°45	9°19	27° 9	1°59	2°29	26°47	10°35	M 9
T 10	1 13 43	16°33'52	8°V52	12°22	5°23	23°34	16°44	9°53	22°44	9°18	27° 9	1°48	2°25	26°54	10°34	T 10
W 11	1 17 39	17°32'45	23°47	13°20	6°37	24° 6	16°54	9°50	22°43	9°17	27°10	1°38	2°22	27° 1	10°33	W 11
T 12	1 21 36	18°31'40	8♂49	14°15	7°52	24°38	17° 3	9°47	22°42	9°16	27°10	1°28	2°19	27° 8	10°31	T 12
F 13	1 25 32	19°30'37	23°48	15° 6	9° 7	25° 9	17°13	9°44	22°41	9°15	27°11	1°21	2°16	27°14	10°29	F 13
S 14	1 29 29	20°29'37	8♂36	15°55	10°21	25°40	17°23	9°41	22°40	9°14	27°11	1°17	2°13	27°21	10°28	S 14
S 15	1 33 26	21°28'39	23° 7	16°39	11°36	26°11	17°33	9°38	22°39	9°12	27°11	1°15	2° 9	27°28	10°26	S 15
M 16	1 37 22	22°27'43	7♂19	17°20	12°51	26°42	17°43	9°35	22°38	9°11	27°12	1°D15	2° 6	27°34	10°24	M 16
T 17	1 41 19	23°26'49	21° 9	17°57	14° 6	27°12	17°53	9°33	22°37	9°10	27°12	1°R16	2° 3	27°41	10°22	T 17
W 18	1 45 15	24°25'57	4♂40	18°28	15°21	27°43	18° 4	9°30	22°36	9° 9	27°12	1°15	2° 0	27°48	10°20	W 18
T 19	1 49 12	25°25'08	17°53	18°55	16°35	28°13	18°14	9°28	22°36	9° 8	27°12	1°13	1°57	27°54	10°18	T 19
F 20	1 53 8	26°24'21	0♂50	19°16	17°50	28°42	18°25	9°25	22°35	9° 7	27°13	1° 8	1°54	28° 1	10°16	F 20
S 21	1 57 5	27°23'37	13°33	19°31	19° 5	29°12	18°35	9°23	22°34	9° 6	27°13	1° 1	1°50	28° 8	10°14	S 21
S 22	2 1 1	28°22'54	26° 5	19°40	20°20	29°41	18°46	9°21	22°34	9° 5	27°13	0°51	1°47	28°14	10°12	S 22
M 23	2 4 58	29°22'14	8♂26	19°R41	21°35	0♂10	18°57	9°19	22°33	9° 4	27°13	0°40	1°44	28°21	10°10	M 23
T 24	2 8 55	0♂21'35	19°35	22°50	0°38	19° 8	18°57	9°17	22°33	9° 4	27°13	0°28	1°41	28°28	10° 8	T 24
W 25	2 12 51	1°20'59	2♂42	19°21	24° 5	1° 7	19°19	9°15	22°32	9° 3	27°13	0°17	1°38	28°34	10° 6	W 25
T 26	2 16 48	2°20'25	14°38	18°59	25°20	1°35	19°30	9°13	22°32	9° 2	27°13	0° 7	1°35	28°41	10° 3	T 26
F 27	2 20 44	3°19'53	26°29	18°29	26°35	2° 2	19°41	9°11	22°32	9° 1	27°14	29♂59	1°31	28°48	10° 1	F 27
S 28	2 24 41	4°19'22	8♂17	17°49	27°50	2°30	19°52	9°10	22°32	9° 0	27°R14	29°55	1°28	28°54	9°59	S 28
S 29	2 28 37	5°18'54	20° 3	17° 2	29° 5	2°57	20° 3	9° 8	22°31	9° 0	27°14	29°52	1°25	29° 1	9°56	S 29
M 30	2 32 34	6°18'27	1♂53	16° 7	0♂20	3°23	20°15	9° 7	22°31	8°59	27°13	29°D51	1°22	29° 8	9°54	M 30
T 31	2 36 30	7♂18'03	13♂49	15♂ 4	1♂35	3♂50	20°X26	9♂ 5	22°A31	8♂58	27♂13	29♂52	1♂19	29♂14	9♂51	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	3s 4	20s18	1n48	13s53	1s50	3n35	1n24	22n30	0n27	22s 7	0n27	9s22	1s52	14s32	0s45	S 1
M 2	3 27	22 24	0 48	14 26	1 57	3 6	1 25	22 27	0 28	22 8	0 27	9 24	1 52	14 32	0 45	M 2
T 3	3 50	23 30	0s15	14 58	2 5	2 37	1 26	22 23	0 29	22 9	0 26	9 25	1 52	14 33	0 45	T 3
W 4	4 13	23 31	1 19	15 29	2 12	2 8	1 26	22 20	0 31	22 10	0 26	9 26	1 52	14 33	0 45	W 4
T 5	4 36	22 22	2 21	15 59	2 19	1 39	1 26	22 16	0 32	22 11	0 26	9 28	1 52	14 34	0 45	T 5
F 6	4 59	20 2	3 17	16 28	2 26	1 10	1 27	22 13	0 34	22 12	0 26	9 29	1 52	14 34	0 45	F 6
S 7	5 21	16 34	4 4	16 56	2 33	0 41	1 27	22 9	0 35	22 13	0 26	9 30	1 52	14 35	0 45	S 7
S 8	5 44	12 7	4 39	17 23	2 40	0 11	1 27	22 5	0 36	22 14	0 26	9 31	1 52	14 35	0 45	S 8
M 9	6 7	6 51	4 59	17 49	2 46	0s18	1 27	22 1	0 38	22 15	0 26	9 32	1 52	14 35	0 45	M 9
T 10	6 29	1 5	4 59	18 13	2 52	0 47	1 27	21 57	0 39	22 16	0 25	9 34	1 52	14 36	0 45	T 10
W 11	6 52	4n52	4 40	18 36	2 57	1 17	1 27	21 53	0 41	22 17	0 25	9 35	1 52	14 36	0 45	W 11
T 12	7 14	10 35	4 0	18 58	3 3	1 46	1 27	21 49	0 42	22 18	0 25	9 36	1 51	14 36	0 45	T 12
F 13	7 36	15 40	3 5	19 18	3 8	2 16	1 27	21 45	0 44	22 20	0 25	9 37	1 51	14 36	0 45	F 13
S 14	7 59	19 44	1 57	19 36	3 12	2 45	1 27	21 40	0 45	22 21	0 25	9 38	1 51	14 37	0 45	S 14
S 15	8 21	22 27	0 43	19 53	3 16	3 14	1 27	21 36	0 47	22 22	0 25	9 39	1 51	14 37	0 44	S 15
M 16	8 43	23 41	0n32	20 8	3 19	3 44	1 27	21 32	0 48	22 23	0 25	9 40	1 51	14 37	0 44	M 16
T 17	9 4	23 24	1 44	20 21	3 22	4 13	1 26	21 27	0 50	22 24	0 24	9 41	1 51	14 38	0 44	T 17
W 18	9 26	21 45	2 48	20 32	3 24	4 42	1 26	21 23	0 51	22 25	0 24	9 42	1 51	14 38	0 44	W 18
T 19	9 48	18 56	3 42	20 40	3 25	5 11	1 25	21 19	0 53	22 26	0 24	9 42	1 51	14 38	0 44	T 19
F 20	10 9	15 14	4 23	20 46	3 25	5 40	1 25	21 14	0 55	22 27	0 24	9 43	1 51	14 38	0 44	F 20
S 21	10 30	10 54	4 50	20 50	3 25	6 9	1 24	21 10	0 56	22 28	0 24	9 44	1 51	14 38	0 44	S 21
S 22	10 52	6 11	5 2	20 51	3 23	6 38	1 23	21 5	0 58	22 29	0 24	9 45	1 51	14 38	0 44	S 22
M 23	11 13	1 17	5 1	20 48	3 20	7 7	1 22	21 1	0 59	22 30	0 24	9 45	1 51	14 39	0 44	M 23
T 24	11 33	3s37	4 45	20 43	3 16	7 35	1 22	20 56	1 1	22 31	0 23	9 46	1 50	14 39	0 44	T 24
W 25	11 54	8 20	4 17	20 33	3 10	8 3	1 21	20 52	1 3	22 32	0 23	9 47	1 50	14 39	0 44	W 25
T 26	12 15	12 42	3 38	20 20	3 3	8 32	1 20	20 47	1 4	22 33	0 23	9 47	1 50	14 39	0 44	T 26
F 27	12 35	16 33	2 49	20 3	2 54	9 0	1 19	20 43	1 6	22 34	0 23	9 48	1 50	14 39	0 44	F 27
S 28	12 55	19 45	1 53	19 42	2 44	9 27	1 18	20 38	1 8	22 35	0 23	9 48	1 50	14 39	0 44	S 28
S 29	13 15	22 6	0 53	19 17	2 31	9 55	1 16	20 34	1 10	22 36	0 23	9 49	1 50	14 39	0 44	S 29
M 30	13 34	23 31	0s11	18 47	2 17	10 22	1 15	20 29	1 11	22 37	0 23	9 49	1 50	14 39	0 44	M 30
T 31	13s54	23s52	1s15	18s14	2s 1	10s49	1n14	20n25	1n13	22s38	0n22	9s50	1s50	14s39	0s44	T 31

Julian Day Number = 2696895.5, Delta T = 25m08s

Ecliptic obliquity = 23°21'07", Nutation = - 0°00'18"

Ayanamsha: Fagan/Bradley = 34°08'14", Lahiri = 33°15'14"

## ASTRODIENST EPHEMERIS for the year 2671

NOVEMBER 2671

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 40 27	8♂1740	25♂58	13°R56	2♂50	4♂16	20♂38	9°R 4	22°R31	8°R57	27°R13	29♂53	1♂15	29♂21	9°R49	W 1
T 2	2 44 24	9°17'18	8♂23	12♂44	4° 5	4°42	20°49	9♂ 3	22°D31	8♂57	27♂13	29°R54	1°12	29°28	9♂46	T 2
F 3	2 48 20	10°16'59	21°10	11°28	5°20	5° 7	21° 1	9° 2	22°31	8°56	27°13	29°53	1° 9	29°34	9°44	F 3
S 4	2 52 17	11°16'40	4♂23	10°13	6°35	5°32	21°13	9° 1	22°31	8°56	27°13	29°51	1° 6	29°41	9°41	S 4
S 5	2 56 13	12°16'24	18° 6	9° 0	7°50	5°57	21°25	9° 0	22°31	8°55	27°13	29°46	1° 3	29°48	9°38	S 5
M 6	3 0 10	13°16'09	2♂18	7°51	9° 6	6°21	21°36	8°59	22°31	8°55	27°13	29°40	1° 0	29°54	9°36	M 6
T 7	3 4 6	14°15'56	16°57	6°48	10°21	6°45	21°48	8°59	22°32	8°54	27°12	29°33	0°56	0♂ 1	9°33	T 7
W 8	3 8 3	15°15'45	1♂57	5°53	11°36	7° 9	22° 0	8°58	22°32	8°54	27°12	29°26	0°53	0° 8	9°30	W 8
T 9	3 11 59	16°15'35	17°10	5° 8	12°51	7°32	22°13	8°58	22°32	8°53	27°12	29°20	0°50	0°14	9°27	T 9
F 10	3 15 56	17°15'28	2♂25	4°34	14° 6	7°55	22°25	8°57	22°33	8°53	27°12	29°16	0°47	0°21	9°24	F 10
S 11	3 19 53	18°15'23	17°32	4°11	15°21	8°17	22°37	8°57	22°33	8°53	27°11	29°13	0°44	0°28	9°21	S 11
S 12	3 23 49	19°15'19	2♂22	4°D 0	16°37	8°39	22°49	8°57	22°34	8°52	27°11	29°D13	0°41	0°34	9°19	S 12
M13	3 27 46	20°15'18	16°50	4° 0	17°52	9° 1	23° 2	8°D57	22°34	8°52	27°11	29°14	0°37	0°41	9°16	M13
T 14	3 31 42	21°15'19	0♂52	4°11	19° 7	9°22	23°14	8°57	22°35	8°52	27°10	29°15	0°34	0°48	9°13	T 14
W15	3 35 39	22°15'22	14°29	4°32	20°22	9°43	23°26	8°57	22°36	8°52	27°10	29°16	0°31	0°54	9°10	W15
T 16	3 39 35	23°15'27	27°42	5° 3	21°37	10° 3	23°39	8°57	22°36	8°52	27° 9	29°R17	0°28	1° 1	9° 7	T 16
F 17	3 43 32	24°15'34	10♂35	5°43	22°53	10°23	23°51	8°58	22°37	8°51	27° 9	29°15	0°25	1° 8	9° 4	F 17
S 18	3 47 28	25°15'43	23°10	6°31	24° 8	10°42	24° 4	8°58	22°38	8°51	27° 8	29°12	0°21	1°14	9° 0	S 18
S 19	3 51 25	26°15'54	5♂31	7°26	25°23	11° 1	24°17	8°59	22°39	8°51	27° 8	29° 8	0°18	1°21	8°57	S 19
M20	3 55 22	27°16'07	17°40	8°27	26°38	11°19	24°29	8°59	22°40	8°D51	27° 7	29° 2	0°15	1°28	8°54	M20
T 21	3 59 18	28°16'22	29°41	9°33	27°54	11°37	24°42	9° 0	22°40	8°51	27° 7	28°57	0°12	1°34	8°51	T 21
W22	4 3 15	29°16'39	11♂36	10°44	29° 9	11°55	24°55	9° 1	22°41	8°51	27° 6	28°51	0° 9	1°41	8°48	W22
T 23	4 7 11	0♂16'57	23°27	11°59	0♂24	12°11	25° 8	9° 2	22°43	8°51	27° 6	28°46	0° 6	1°47	8°45	T 23
F 24	4 11 8	1°17'18	5♂15	13°17	1°40	12°28	25°21	9° 3	22°44	8°51	27° 5	28°43	0° 2	1°54	8°42	F 24
S 25	4 15 4	2°17'40	17° 3	14°38	2°55	12°43	25°34	9° 4	22°45	8°52	27° 4	28°41	29♂59	2° 1	8°39	S 25
S 26	4 19 1	3°18'04	28°53	16° 2	4°10	12°59	25°47	9° 6	22°46	8°52	27° 4	28°D40	29°56	2° 7	8°35	S 26
M27	4 22 57	4°18'29	10♂47	17°27	5°26	13°13	26° 0	9° 7	22°47	8°52	27° 3	28°41	29°53	2°14	8°32	M27
T 28	4 26 54	5°18'55	22°48	18°55	6°41	13°27	26°13	9° 9	22°49	8°52	27° 2	28°42	29°50	2°21	8°29	T 28
W29	4 30 51	6°19'23	5♂ 0	20°23	7°56	13°41	26°26	9°10	22°50	8°52	27° 2	28°44	29°47	2°27	8°26	W29
T 30	4 34 47	7♂19'53	17♂27	21♂53	9♂12	13♂53	26♂39	9♂12	22°51	8♂53	27♂ 1	28♂45	29♂43	2♂34	8♂23	T 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	14s13	23s 6	2s16	17s37	1s44	11s16	1n13	20n20	1n15	22s39	0n22	9s50	1s50	14s39	0s44	8s46	0s38	19n35	1s 5	23n21	23n21	17s17	17n26	4s27			
T 2	14 32	21 12	3 13	16 57	1 25	11 43	1 11	20 16	1 17	22 40	0 22	9 50	1 50	14 39	0 44	8 46	0 38	19 35	1 5	23 21	23 21	17 19	17 26	4 27			
F 3	14 51	18 12	4 1	16 16	1 6	12 9	1 10	20 11	1 19	22 41	0 22	9 51	1 49	14 39	0 44	8 47	0 38	19 35	1 5	23 21	23 21	17 21	17 25	4 27			
S 4	15 10	14 12	4 39	15 33	0 45	12 35	1 9	20 7	1 20	22 42	0 22	9 51	1 49	14 39	0 44	8 47	0 38	19 35	1 5	23 21	23 21	17 23	17 25	4 28			
S 5	15 28	9 20	5 2	14 50	0 24	13 1	1 7	20 3	1 22	22 43	0 22	9 51	1 49	14 39	0 44	8 47	0 38	19 35	1 5	23 21	23 21	17 25	17 24	4 28			
M 6	15 46	3 48	5 8	14 8	0 4	13 26	1 5	19 59	1 24	22 44	0 22	9 51	1 49	14 39	0 44	8 47	0 38	19 35	1 5	23 21	23 21	17 27	17 23	4 28			
T 7	16 4	2n 6	4 55	13 29	0n16	13 51	1 4	19 54	1 26	22 44	0 22	9 52	1 49	14 39	0 44	8 47	0 38	19 35	1 5	23 21	23 21	17 29	17 23	4 28			
W 8	16 21	8 1	4 21	12 53	0 35	14 16	1 2	19 50	1 28	22 45	0 21	9 52	1 49	14 38	0 44	8 48	0 38	19 35	1 5	23 21	23 21	17 31	17 22	4 28			
T 9	16 38	13 34	3 28	12 21	0 53	14 41	1 0	19 46	1 30	22 46	0 21	9 52	1 49	14 38	0 44	8 48	0 38	19 35	1 5	23 21	23 21	17 34	17 22	4 29			
F 10	16 55	18 17	2 20	11 55	1 9	15 5	0 59	19 42	1 32	22 47	0 21	9 52	1 49	14 38	0 44	8 48	0 38	19 35	1 5	23 21	23 21	17 36	17 21	4 29			
S 11	17 12	21 43	1 3	11 34	1 23	15 28	0 57	19 38	1 34	22 48	0 21	9 52	1 48	14 38	0 44	8 48	0 38	19 35	1 5	23 21	23 21	17 38	17 20	4 29			
S 12	17 29	23 37	0n17	11 18	1 36	15 52	0 55	19 35	1 36	22 49	0 21	9 52	1 48	14 38	0 44	8 48	0 38	19 36	1 4	23 21	23 21	17 40	17 20	4 29			
M13	17 45	23 52	1 34	11 8	1 47	16 14	0 53	19 31	1 38	22 49	0 21	9 52	1 48	14 38	0 44	8 48	0 38	19 36	1 4	23 21	23 21	17 42	17 19	4 29			
T 14	18 0	22 33	2 44	11 3	1 56	16 37	0 51	19 27	1 40	22 50	0 21	9 51	1 48	14 37	0 44	8 48	0 38	19 36	1 4	23 21	23 21	17 44	17 19	4 30			
W15	18 16	19 58	3 42	11 3	2 3	16 59	0 49	19 24	1 42	22 51	0 21	9 51	1 48	14 37	0 43	8 48	0 38	19 36	1 4	23 21	23 21	17 46	17 18	4 30			
T 16	18 31	16 23	4 26	11 8	2 9	17 20	0 47	19 20	1 44	22 51	0 21	9 51	1 48	14 37	0 43	8 48	0 38	19 36	1 4	23 21	23 21	17 48	17 17	4 30			
F 17	18 46	12 8	4 56	11 18	2 13	17 42	0 45	19 17	1 46	22 52	0 20	9 51	1 48	14 37	0 43	8 48	0 38	19 36	1 4	23 21	23 21	17 50	17 17	4 30			
S 18	19 1	7 27	5 10	11 31	2 15	18 2	0 43	19 14	1 49	22 53	0 20	9 50	1 48	14 36	0 43	8 48	0 38	19 36	1 4	23 21	23 21	17 53	17 16	4 30			
S 19	19 15	2 34	5 10	11 47	2 17	18 22	0 41	19 11	1 51	22 54	0 20	9 50	1 48	14 36	0 43	8 48	0 38	19 36	1 4	23 21	23 21	17 55	17 16	4 30			
M20	19 29	2s21	4 56	12 6	2 17	18 42	0 39	19 8	1 53	22 54	0 20	9 50	1 47	14 36	0 43	8 48	0 38	19 36	1 4	23 21	23 21	17 57	17 15	4 30			
T 21	19 42	7 8	4 29	12 28	2 16	19 1	0 37	19 5	1 55	22 55	0 20	9 49	1 47	14 35	0 43	8 48	0 38	19 37	1 4	23 21	23 21	17 59	17 14	4 31			
W22	19 55	11 37	3 50	12 52	2 14	19 20	0 35	19 2	1 57	22 55	0 20	9 49	1 47	14 35	0 43	8 48	0 38	19 37	1 4	23 21	23 21	18 1	17 14	4 31			
T 23	20 8	15 38	3 1	13 17	2 11	19 38	0 33	19 0	2 0	22 56	0 20	9 48	1 47	14 35	0 43	8 48	0 38	19 37	1 4	23 21	23 21	18 3	17 13	4 31			
F 24	20 21	19 3	2 5	13 44	2 8	19 55	0 30	18 57	2 2	22 57	0 20	9 48	1 47	14 34	0 43	8 48	0 38	19 37	1 4	23 21	23 21	18 5	17 12	4 31			
S 25	20 33	21 40	1 4	14 11	2 4	20 12	0 28	18 55	2 4	22 57	0 20	9 47	1 47	14 34	0 43	8 48	0 38	19 37	1 4	23 21	23 21	18 7	17 12	4 31			
S 26	20 44	23 22	0s 1	14 40	2 0	20 29	0 26	18 53	2 6	22 58	0 19	9 47	1 47	14 33	0 43	8 48	0 38	19 37	1 4	23 21	23 21	18 9	17 11	4 31			
M27	20 56	24 1	1 6	15 9	1 55	20 45	0 24	18 51	2 9	22 58	0 19	9 46	1 46	14 33	0 43	8 48	0 38	19 38	1 4	23 21	23 21	18 11	17 11	4 31			
T 28	21 7	23 33	2 9	15 38	1 49	21 0	0 21	18 49	2 11	22 59	0 19	9 45	1 46	14 32	0 43	8 48	0 38	19 38	1 4	23 21	23 21	18 13	17 10	4 31			
W29	21 17	21 59	3 7	16 7	1 44	21 15	0 19	18 48	2 14	22 59	0 19	9 45	1 46	14 32	0 43	8 48	0 38	19 38	1 4	23 21	23 21	18 15	17 10	4 32			
T 30	21s27	19s19	3s58	16s36	1n38	21s29	0n17	18n46	2n16	23s 0	0n19	9s44	1s46	14s32	0s43	8s48	0s38	19n38	1s 4	23n21	23n21	18s17	17n 9	4s32			

## ASTRODIENST EPHEMERIS for the year 2671

DECEMBER 2671

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4 38 44	8°20'23	0°11	23°24	10°27	14°06	26°52	9°14	22°53	8°53	27°R 0	28°46	29°40	2°41	8°19	F 1
S 2	4 42 40	9°20'55	13°18	24°55	11°42	14°17	27° 5	9°16	22°54	8°53	26°59	28°R46	29°37	2°47	8°16	S 2
S 3	4 46 37	10°21'27	26°51	26°28	12°58	14°28	27°19	9°18	22°56	8°54	26°59	28°46	29°34	2°54	8°13	S 3
M 4	4 50 33	11°22'01	10°50	28° 0	14°13	14°38	27°32	9°20	22°57	8°54	26°58	28°44	29°31	3° 1	8°10	M 4
T 5	4 54 30	12°22'36	25°15	29°33	15°28	14°48	27°45	9°22	22°59	8°55	26°57	28°42	29°27	3° 7	8° 7	T 5
W 6	4 58 26	13°23'13	10° 4	1° 6	16°44	14°57	27°59	9°24	23° 1	8°55	26°56	28°40	29°24	3°14	8° 4	W 6
T 7	5 2 23	14°23'50	25° 9	2°40	17°59	15° 5	28°12	9°27	23° 2	8°56	26°55	28°38	29°21	3°21	8° 0	T 7
F 8	5 6 20	15°24'29	10°12	4°14	19°14	15°13	28°25	9°29	23° 4	8°56	26°54	28°37	29°18	3°27	7°57	F 8
S 9	5 10 16	16°25'09	25°34	5°47	20°30	15°20	28°39	9°32	23° 6	8°57	26°53	28°D37	29°15	3°34	7°54	S 9
S 10	5 14 13	17°25'51	10°35	7°21	21°45	15°26	28°52	9°35	23° 8	8°58	26°53	28°37	29°12	3°41	7°51	S 10
M11	5 18 9	18°26'34	25°16	8°55	23° 1	15°32	29° 6	9°38	23°10	8°58	26°52	28°37	29° 8	3°47	7°48	M11
T 12	5 22 6	19°27'18	9°32	10°29	24°16	15°36	29°19	9°40	23°12	8°59	26°51	28°38	29° 5	3°54	7°45	T 12
W13	5 26 2	20°28'04	23°22	12° 3	25°31	15°40	29°33	9°43	23°14	9° 0	26°50	28°39	29° 2	4° 1	7°42	W13
T 14	5 29 59	21°28'51	6°44	13°37	26°47	15°44	29°46	9°46	23°16	9° 1	26°49	28°40	28°59	4° 7	7°38	T 14
F 15	5 33 56	22°29'39	19°41	15°11	28° 2	15°46	29°59	9°50	23°18	9° 2	26°48	28°R40	28°56	4°14	7°35	F 15
S 16	5 37 52	23°30'29	2°17	16°45	29°17	15°48	0°13	9°53	23°20	9° 2	26°47	28°40	28°53	4°21	7°32	S 16
S 17	5 41 49	24°31'20	14°34	18°19	0°33	15°49	0°27	9°56	23°22	9° 3	26°46	28°40	28°49	4°27	7°29	S 17
M18	5 45 45	25°32'12	26°39	19°53	1°48	15°R49	0°40	10° 0	23°24	9° 4	26°45	28°39	28°46	4°34	7°26	M18
T 19	5 49 42	26°33'06	8°34	21°27	3° 4	15°48	0°54	10° 3	23°26	9° 5	26°44	28°39	28°43	4°41	7°23	T 19
W20	5 53 38	27°34'01	20°24	23° 1	4°19	15°46	1° 7	10° 7	23°29	9° 6	26°43	28°39	28°40	4°47	7°20	W20
T 21	5 57 35	28°34'57	2°11	24°34	5°34	15°44	1°21	10°11	23°31	9° 7	26°41	28°D39	28°37	4°54	7°17	T 21
F 22	6 1 31	29°35'54	14° 0	26° 9	6°50	15°41	1°35	10°14	23°33	9° 8	26°40	28°39	28°33	5° 1	7°14	F 22
S 23	6 5 28	0°36'53	25°51	27°43	8° 5	15°37	1°48	10°18	23°36	9° 9	26°39	28°R39	28°30	5° 7	7°12	S 23
S 24	6 9 25	1°37'52	7°38	29°17	9°21	15°32	2° 2	10°22	23°38	9°10	26°38	28°39	28°27	5°14	7° 9	S 24
M25	6 13 21	2°38'51	10°43	0°51	10°36	15°26	2°15	10°26	23°41	9°11	26°37	28°38	28°24	5°21	7° 6	M25
T 26	6 17 18	3°39'52	2° 6	2°25	11°51	15°19	2°29	10°30	23°43	9°13	26°36	28°38	28°21	5°27	7° 3	T 26
W27	6 21 14	4°40'53	14°30	4° 0	13° 7	15°12	2°43	10°35	23°46	9°14	26°35	28°37	28°18	5°34	7° 0	W27
T 28	6 25 11	5°41'55	27° 7	5°34	14°22	15° 3	2°56	10°39	23°48	9°15	26°34	28°36	28°14	5°41	6°58	T 28
F 29	6 29 7	6°42'57	9°58	7° 9	15°38	14°54	3°10	10°43	23°51	9°16	26°32	28°35	28°11	5°47	6°55	F 29
S 30	6 33 4	7°43'59	23° 7	8°44	16°53	14°44	3°24	10°48	23°54	9°18	26°31	28°35	28° 8	5°54	6°52	S 30
S 31	6 37 0	8°45'02	6°34	10°19	18° 8	14°03	3°37	10°52	23°56	9°19	26°30	28°D34	28°II 5	6° 1	6°II50	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
-----	---	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--

Julian Day Number = 2696956.5, Delta T = 25m09s

Ecliptic obliquity = 23°21'07, Nutation = - 0°00'18

Ayanamsha: Fagan/Bradley = 34°08'23, Lahiri = 33°15'23

## ASTRODIENST EPHEMERIS for the year 2672

JANUARY 2672

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	6 40 57	9°36'05	20°12'22	11°35'54	19°38'24	14°18'22	3°35'51	10°18'57	23°35'59	9°18'20	26°18'29	28°11'34	28°11'2	6°18'7	6°18'47	M 1
T 2	6 44 54	10°47'08	4°18'29	13°29'13	20°39'14	14°18'9	4°4'4	11°2'2	24°2'2	9°22'26	26°18'28	28°35'27	27°55'6	6°14'14	6°14'45	T 2
W 3	6 48 50	11°48'11	18°56'15	5°21'54	13°56'4	11°6'2	4°18'11	11°6'2	24°5'9	9°23'26	26°26'28	28°36'27	27°55'6	6°21'6	6°21'42	W 3
T 4	6 52 47	12°49'15	3°11'39	16°41'23	10°13'42	4°31'11	11°11'24	11°11'24	24°7'9	9°24'26	26°25'28	28°37'27	27°52'6	6°27'6	6°27'40	T 4
F 5	6 56 43	13°50'19	18°33'18	17°18'24	13°27'4	4°45'11	11°16'24	11°16'24	24°10'9	9°26'26	26°24'28	28°38'27	27°49'6	6°34'6	6°34'37	F 5
S 6	7 0 40	14°51'23	3°35'31	19°53'25	13°11'4	4°59'11	11°21'24	11°21'24	24°13'9	9°27'26	26°23'28	28°38'27	27°46'6	6°40'6	6°40'35	S 6
S 7	7 4 36	15°52'28	18°24'21	21°29'26	12°55'5	5°12'11	11°26'24	11°26'24	24°16'9	9°29'26	26°21'28	28°37'27	27°43'6	6°47'6	6°47'33	S 7
M 8	7 8 33	16°53'33	3°18'5	23°6'28	11°12'38	5°26'11	11°31'24	11°31'24	24°19'9	9°30'26	26°20'28	28°36'27	27°39'6	6°54'6	6°54'31	M 8
T 9	7 12 29	17°54'38	17°26'24	24°43'29	12°20'5	5°39'11	11°37'24	11°37'24	24°22'9	9°32'26	26°19'28	28°33'27	27°36'7	7°0'6	6°28'2	T 9
W10	7 16 26	18°55'43	1°18'23	26°20'0	10°42'12	5°53'11	11°42'24	11°42'24	24°25'9	9°34'26	26°18'28	28°30'27	27°33'7	7°7'6	6°26'2	W10
T 11	7 20 23	19°56'49	14°55'27	27°57'1	11°43'6	6°6'11	11°47'24	11°47'24	24°28'9	9°35'26	26°16'28	28°27'27	27°30'7	7°14'6	6°24'2	T 11
F 12	7 24 19	20°57'56	28°0'29	33'11	11°23'6	6°19'11	11°53'24	11°53'24	24°31'9	9°37'26	26°15'28	28°25'27	27°27'7	7°20'6	6°22'2	F 12
S 13	7 28 16	21°59'02	10°12'40	18°12'4	11°3'11	6°33'11	11°58'24	11°58'24	24°34'9	9°38'26	26°14'28	28°23'27	27°24'7	7°27'6	6°20'2	S 13
S 14	7 32 12	23°0'09	23°1'2	2°50'5	10°42'6	6°46'12	12°4'24	12°4'24	24°37'9	9°40'26	26°13'28	28°23'27	27°20'7	7°34'6	6°18'2	S 14
M15	7 36 9	24°1'17	5°18'6	4°28'6	10°21'7	7°0'12	12°9'24	12°9'24	24°40'9	9°42'26	26°11'28	28°23'27	27°17'7	7°40'6	6°16'2	M15
T 16	7 40 5	25°2'24	17°0'6	8°14'9	9°59'7	7°13'12	12°15'24	12°15'24	24°43'9	9°44'26	26°10'28	28°24'27	27°14'7	7°47'6	6°14'2	T 16
W17	7 44 2	26°3'32	28°48'7	9°29'9	9°37'7	7°26'12	12°21'24	12°21'24	24°46'9	9°45'26	26°9'28	28°26'27	27°11'7	7°54'6	6°13'2	W17
T 18	7 47 58	27°4'40	10°18'35	9°22'10	10°44'9	7°39'13	12°26'24	12°26'24	24°50'9	9°47'26	26°8'28	28°28'27	27°8'8	8°0'6	6°11'2	T 18
F 19	7 51 55	28°5'49	22°26'10	10°59'12	8°52'7	7°53'12	12°32'24	12°32'24	24°53'9	9°49'26	26°6'28	28°29'27	27°5'8	8°7'6	6°9'2	F 19
S 20	7 55 52	29°6'57	4°18'22	12°36'13	13°15'8	8°28'8	12°38'24	12°38'24	24°56'9	9°51'26	26°5'28	28°29'27	27°1'8	8°14'6	6°8'2	S 20
S 21	7 59 48	0°8'05	16°29'14	14°13'14	14°30'8	8°5'8	12°44'24	12°44'24	24°59'9	9°53'26	26°4'28	28°28'26	27°58'8	8°20'6	6°6'2	S 21
M22	8 3 45	1°9'13	28°46'15	15°48'15	15°46'7	7°41'8	12°50'25	12°50'25	25°2'9	9°54'26	26°3'28	28°25'26	27°55'8	8°27'6	6°5'2	M22
T 23	8 7 41	2°10'21	11°17'17	17°23'17	17°1'7	7°17'8	12°56'25	12°56'25	25°6'9	9°56'26	26°1'28	28°20'26	27°52'8	8°34'6	6°3'2	T 23
W24	8 11 38	3°11'29	24°0'18	18°57'18	18°16'6	6°53'8	13°2'25	13°2'25	25°9'9	9°58'26	26°0'28	28°14'26	27°49'8	8°40'6	6°2'2	W24
T 25	8 15 34	4°12'36	6°18'57	20°29'19	19°31'6	6°29'9	13°9'25	13°9'25	25°12'10	10°0'25	25°59'28	28°7'26	27°45'8	8°47'6	6°0'2	T 25
F 26	8 19 31	5°13'42	20°7'22	22°0'20	20°46'6	6°5'9	13°15'25	13°15'25	25°16'10	10°2'25	25°57'28	28°1'26	27°42'8	8°54'6	5°59'2	F 26
S 27	8 23 28	6°14'48	3°18'29	23°28'22	22°2'5	5°41'9	13°21'25	13°21'25	25°19'10	10°4'25	25°56'27	27°56'26	27°39'9	9°0'6	5°58'2	S 27
S 28	8 27 24	7°15'53	17°4'5	24°53'23	23°17'5	5°17'9	13°27'25	13°27'25	25°22'10	10°6'25	25°55'27	27°52'26	27°36'9	9°7'6	5°57'2	S 28
M29	8 31 21	8°16'57	0°18'5	26°15'24	23°32'4	4°53'10	13°34'25	13°34'25	25°26'10	10°8'25	25°54'27	27°50'26	27°33'9	9°14'6	5°56'2	M29
T 30	8 35 17	9°18'01	14°48'27	27°34'25	25°47'4	4°30'10	13°40'25	13°40'25	25°29'10	10°10'25	25°53'27	27°50'26	27°30'9	9°20'6	5°55'2	T 30
W31	8 39 14	10°19'04	28°18'58	28°47'27	27°2'2	4°18'6	13°47'25	13°47'25	25°33'10	10°12'25	25°51'27	27°51'26	27°26'9	9°27'6	5°54'2	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	23s 0	3n22	4s55	24s32	1s43	22s53	0s57	19n59	3n41	23s 2	0n16	9s 1	1s42	14s 8	0s42	M 1
T 2	22 55	8 56	4 17	24 27	1 47	22 44	0 59	20 5	3 44	23 1	0 16	8 59	1 42	14 8	0 42	T 2
W 3	22 50	14 8	3 23	24 20	1 51	22 34	1 0	20 12	3 46	23 1	0 16	8 57	1 42	14 7	0 42	W 3
T 4	22 44	18 37	2 14	24 12	1 54	22 24	1 2	20 18	3 49	23 1	0 16	8 55	1 42	14 6	0 42	T 4
F 5	22 38	21 56	0 56	24 3	1 57	22 12	1 4	20 25	3 51	23 0	0 16	8 53	1 42	14 5	0 42	F 5
S 6	22 32	23 45	0n27	23 52	2 0	22 0	1 6	20 32	3 54	23 0	0 16	8 51	1 42	14 4	0 42	S 6
S 7	22 25	23 52	1 47	23 40	2 3	21 48	1 7	20 39	3 56	22 59	0 16	8 49	1 42	14 3	0 42	S 7
M 8	22 17	22 18	2 59	23 26	2 5	21 35	1 9	20 46	3 58	22 59	0 16	8 47	1 42	14 2	0 42	M 8
T 9	22 10	19 20	3 58	23 11	2 6	21 21	1 11	20 53	4 1	22 58	0 15	8 45	1 42	14 1	0 42	T 9
W10	22 1	15 19	4 41	22 54	2 8	21 6	1 12	21 0	4 3	22 58	0 15	8 43	1 42	14 0	0 42	W10
T 11	21 53	10 38	5 7	22 36	2 9	20 51	1 14	21 8	4 5	22 57	0 15	8 41	1 42	13 59	0 42	T 11
F 12	21 43	5 37	5 15	22 16	2 9	20 35	1 15	21 15	4 7	22 57	0 15	8 39	1 42	13 58	0 42	F 12
S 13	21 34	0 31	5 8	21 56	2 10	20 19	1 17	21 23	4 9	22 56	0 15	8 37	1 41	13 57	0 42	S 13
S 14	21 24	4s28	4 47	21 33	2 9	20 2	1 18	21 30	4 11	22 56	0 15	8 34	1 41	13 56	0 42	S 14
M15	21 14	9 12	4 13	21 9	2 9	19 44	1 19	21 38	4 13	22 55	0 15	8 32	1 41	13 55	0 42	M15
T 16	21 3	13 31	3 29	20 44	2 7	19 26	1 21	21 46	4 14	22 54	0 15	8 30	1 41	13 54	0 42	T 16
W17	20 52	17 17	2 36	20 18	2 6	19 8	1 22	21 53	4 16	22 54	0 15	8 28	1 41	13 52	0 42	W17
T 18	20 40	20 21	1 37	19 50	2 3	18 48	1 23	22 1	4 17	22 53	0 15	8 26	1 41	13 51	0 42	T 18
F 19	20 28	22 35	0 33	19 21	2 0	18 29	1 24	22 8	4 19	22 52	0 15	8 23	1 41	13 50	0 42	F 19
S 20	20 16	23 49	0s32	18 50	1 57	18 8	1 25	22 16	4 20	22 52	0 15	8 21	1 41	13 49	0 42	S 20
S 21	20 3	23 57	1 37	18 18	1 53	17 47	1 26	22 23	4 21	22 51	0 15	8 19	1 41	13 48	0 42	S 21
M22	19 50	22 55	2 38	17 46	1 48	17 26	1 27	22 30	4 22	22 50	0 14	8 16	1 41	13 47	0 42	M22
T 23	19 36	20 44	3 33	17 12	1 43	17 4	1 28	22 38	4 23	22 49	0 14	8 14	1 41	13 46	0 42	T 23
W24	19 22	17 31	4 18	16 37	1 36	16 42	1 28	22 45	4 24	22 49	0 14	8 12	1 41	13 45	0 42	W24
T 25	19 8	13 25	4 50	16 1	1 29	16 19	1 29	22 51	4 25	22 48	0 14	8 9	1 41	13 44	0 42	T 25
F 26	18 54	8 37	5 8	15 25	1 21	15 56	1 30	22 58	4 26	22 47	0 14	8 7	1 41	13 43	0 42	F 26
S 27	18 39	3 21	5 9	14 48	1 13	15 32	1 30	23 5	4 26	22 46	0 14	8 4	1 41	13 41	0 42	S 27
S 28	18 23	2n 9	4 54	14 10	1 3	15 8	1 31	23 11	4 27	22 45	0 14	8 2	1 41	13 40	0 42	S 28
M29	18 8	7 39	4 21	13 33	0 53	14 44	1 31	23 17	4 27	22 44	0 14	7 59	1 41	13 39	0 42	M29
T 30	17 52	12 50	3 32	12 56	0 42	14 19	1 32	23 23	4 27	22 44	0 14	7 57	1 40	13 38	0 42	T 30
W31	17s35	17n24	2s30	12s19	0s29	13s54	1s32	23n29	4n27	22s43	0n14	7s54	1s40	13s37	0s42	W31

Julian Day Number = 2696987.5, Delta T = 25m10s

Ecliptic obliquity = 23°21'07", Nutation = - 0°00'17"

Ayanamsha: Fagan/Bradley = 34°08'27", Lahiri = 33°15'27"

## ASTRODIENST EPHEMERIS for the year 2672

FEBRUARY 2672

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 43 10	11 <sup>20</sup> 06	13 <sup>11</sup> 17	29 <sup>56</sup> 56	28 <sup>17</sup> 17	3 <sup>43</sup> R43	10 <sup>41</sup> 30	13 <sup>53</sup> 13	25 <sup>36</sup> 25	10 <sup>14</sup> 10	25 <sup>50</sup> R50	27 <sup>52</sup> 27	26 <sup>23</sup> 26	9 <sup>33</sup> 9	5 <sup>53</sup> R53	T 1
F 2	8 47 7	12 <sup>21</sup> 07	27 <sup>43</sup> 27	0 <sup>59</sup> 0	29 <sup>33</sup> 29	3 <sup>21</sup> Ω21	10 <sup>54</sup> 10	14 <sup>0</sup> 14	25 <sup>39</sup> 25	10 <sup>16</sup> 10	25 <sup>49</sup> 25	27 <sup>53</sup> R53	26 <sup>20</sup> 26	9 <sup>40</sup> 9	5 <sup>52</sup> II52	F 2
S 3	8 51 3	13 <sup>22</sup> 08	12 <sup>14</sup> 12	1 <sup>55</sup> 1	0 <sup>48</sup> 0	2 <sup>58</sup> 2	11 <sup>7</sup> 11	14 <sup>6</sup> 14	25 <sup>43</sup> 25	10 <sup>18</sup> 10	25 <sup>48</sup> 25	27 <sup>52</sup> 27	26 <sup>17</sup> 26	9 <sup>47</sup> 9	5 <sup>51</sup> 5	S 3
S 4	8 55 0	14 <sup>23</sup> 07	26 <sup>44</sup> 26	2 <sup>43</sup> 2	2 <sup>3</sup> 2	2 <sup>36</sup> 2	11 <sup>19</sup> 11	14 <sup>13</sup> 14	25 <sup>46</sup> 25	10 <sup>20</sup> 10	25 <sup>46</sup> 25	27 <sup>49</sup> 27	26 <sup>14</sup> 26	9 <sup>53</sup> 9	5 <sup>51</sup> 5	S 4
M 5	8 58 57	15 <sup>24</sup> 06	11 <sup>16</sup> 11	3 <sup>23</sup> 3	3 <sup>18</sup> 3	2 <sup>15</sup> 2	11 <sup>32</sup> 11	14 <sup>19</sup> 14	25 <sup>50</sup> 25	10 <sup>22</sup> 10	25 <sup>45</sup> 25	27 <sup>44</sup> 27	26 <sup>11</sup> 26	10 <sup>0</sup> 10	5 <sup>50</sup> 5	M 5
T 6	9 2 53	16 <sup>25</sup> 03	25 <sup>18</sup> 25	3 <sup>53</sup> 3	4 <sup>33</sup> 4	1 <sup>53</sup> 1	11 <sup>44</sup> 11	14 <sup>26</sup> 14	25 <sup>53</sup> 25	10 <sup>25</sup> 10	25 <sup>44</sup> 25	27 <sup>36</sup> 27	26 <sup>7</sup> 26	10 <sup>7</sup> 10	5 <sup>50</sup> 5	T 6
W 7	9 6 50	17 <sup>26</sup> 00	9 <sup>10</sup> 9	4 <sup>13</sup> 4	5 <sup>48</sup> 5	1 <sup>33</sup> 1	11 <sup>56</sup> 11	14 <sup>33</sup> 14	25 <sup>57</sup> 25	10 <sup>27</sup> 10	25 <sup>43</sup> 25	27 <sup>28</sup> 27	26 <sup>4</sup> 26	10 <sup>13</sup> 10	5 <sup>49</sup> 5	W 7
T 8	9 10 46	18 <sup>26</sup> 57	22 <sup>40</sup> 22	4 <sup>23</sup> R23	7 <sup>3</sup> 7	1 <sup>13</sup> 1	12 <sup>9</sup> 12	14 <sup>40</sup> 14	26 <sup>0</sup> 26	10 <sup>29</sup> 10	25 <sup>42</sup> 25	27 <sup>19</sup> 27	26 <sup>1</sup> 26	10 <sup>20</sup> 10	5 <sup>49</sup> 5	T 8
F 9	9 14 43	19 <sup>27</sup> 52	5 <sup>48</sup> 5	4 <sup>21</sup> 4	8 <sup>18</sup> 8	0 <sup>53</sup> 0	12 <sup>21</sup> 12	14 <sup>46</sup> 14	26 <sup>4</sup> 26	10 <sup>31</sup> 10	25 <sup>41</sup> 25	27 <sup>10</sup> 27	25 <sup>58</sup> 25	10 <sup>27</sup> 10	5 <sup>48</sup> 5	F 9
S 10	9 18 39	20 <sup>28</sup> 47	18 <sup>32</sup> 18	4 <sup>8</sup> 4	9 <sup>33</sup> 9	0 <sup>34</sup> 0	12 <sup>33</sup> 12	14 <sup>53</sup> 14	26 <sup>7</sup> 26	10 <sup>33</sup> 10	25 <sup>39</sup> 25	27 <sup>4</sup> 27	25 <sup>55</sup> 25	10 <sup>33</sup> 10	5 <sup>48</sup> 5	S 10
S 11	9 22 36	21 <sup>29</sup> 41	0 <sup>56</sup> 0	3 <sup>44</sup> 3	10 <sup>48</sup> 10	0 <sup>16</sup> 0	12 <sup>45</sup> 12	15 <sup>0</sup> 15	26 <sup>10</sup> 26	10 <sup>35</sup> 10	25 <sup>38</sup> 25	26 <sup>59</sup> 26	25 <sup>51</sup> 25	10 <sup>40</sup> 10	5 <sup>48</sup> 5	S 11
M12	9 26 32	22 <sup>30</sup> 35	13 <sup>3</sup> 13	3 <sup>9</sup> 3	12 <sup>2</sup> 12	29 <sup>58</sup> 29	12 <sup>57</sup> 12	15 <sup>7</sup> 15	26 <sup>14</sup> 26	10 <sup>38</sup> 10	25 <sup>37</sup> 25	26 <sup>57</sup> 26	25 <sup>48</sup> 25	10 <sup>47</sup> 10	5 <sup>48</sup> 5	M12
T 13	9 30 29	23 <sup>31</sup> 28	24 <sup>59</sup> 24	2 <sup>24</sup> 2	13 <sup>17</sup> 13	29 <sup>42</sup> 29	13 <sup>9</sup> 13	15 <sup>14</sup> 15	26 <sup>17</sup> 26	10 <sup>40</sup> 10	25 <sup>36</sup> 25	26 <sup>56</sup> 26	25 <sup>45</sup> 25	10 <sup>53</sup> 10	5 <sup>48</sup> 5	T 13
W14	9 34 26	24 <sup>32</sup> 20	6 <sup>47</sup> 6	1 <sup>30</sup> 1	14 <sup>32</sup> 14	29 <sup>25</sup> 29	13 <sup>21</sup> 13	15 <sup>21</sup> 15	26 <sup>21</sup> 26	10 <sup>42</sup> 10	25 <sup>35</sup> 25	26 <sup>57</sup> 26	25 <sup>42</sup> 25	11 <sup>0</sup> 11	5 <sup>48</sup> D48	W14
T 15	9 38 22	25 <sup>33</sup> 11	18 <sup>35</sup> 18	0 <sup>29</sup> 0	15 <sup>47</sup> 15	29 <sup>10</sup> 29	13 <sup>33</sup> 13	15 <sup>28</sup> 15	26 <sup>24</sup> 26	10 <sup>44</sup> 10	25 <sup>34</sup> 25	26 <sup>58</sup> 26	25 <sup>39</sup> 25	11 <sup>7</sup> 11	5 <sup>48</sup> 5	T 15
F 16	9 42 19	26 <sup>34</sup> 02	0 <sup>27</sup> 0	29 <sup>21</sup> 29	17 <sup>2</sup> 17	28 <sup>55</sup> 28	13 <sup>45</sup> 13	15 <sup>35</sup> 15	26 <sup>28</sup> 26	10 <sup>46</sup> 10	25 <sup>33</sup> 25	26 <sup>58</sup> R58	25 <sup>36</sup> 25	11 <sup>13</sup> 11	5 <sup>48</sup> 5	F 16
S 17	9 46 15	27 <sup>34</sup> 51	12 <sup>28</sup> 12	28 <sup>11</sup> 28	18 <sup>17</sup> 18	28 <sup>41</sup> 28	13 <sup>56</sup> 13	15 <sup>42</sup> 15	26 <sup>31</sup> 26	10 <sup>49</sup> 10	25 <sup>32</sup> 25	26 <sup>56</sup> 26	25 <sup>32</sup> 25	11 <sup>20</sup> 11	5 <sup>48</sup> 5	S 17
S 18	9 50 12	28 <sup>35</sup> 40	24 <sup>42</sup> 24	26 <sup>58</sup> 26	19 <sup>31</sup> 19	28 <sup>27</sup> 28	14 <sup>8</sup> 14	15 <sup>49</sup> 15	26 <sup>35</sup> 26	10 <sup>51</sup> 10	25 <sup>31</sup> 25	26 <sup>53</sup> 26	25 <sup>29</sup> 25	11 <sup>27</sup> 11	5 <sup>48</sup> 5	S 18
M19	9 54 8	29 <sup>36</sup> 28	7 <sup>41</sup> 7	25 <sup>46</sup> 25	20 <sup>46</sup> 20	28 <sup>15</sup> 28	14 <sup>19</sup> 14	15 <sup>56</sup> 15	26 <sup>38</sup> 26	10 <sup>53</sup> 10	25 <sup>30</sup> 25	26 <sup>46</sup> 26	25 <sup>26</sup> 25	11 <sup>33</sup> 11	5 <sup>49</sup> M19	M19
T 20	9 58 5	0 <sup>37</sup> 14	19 <sup>58</sup> 19	24 <sup>37</sup> 24	22 <sup>1</sup> 22	28 <sup>3</sup> 28	14 <sup>31</sup> 14	16 <sup>3</sup> 16	26 <sup>42</sup> 26	10 <sup>55</sup> 10	25 <sup>29</sup> 25	26 <sup>37</sup> 26	25 <sup>23</sup> 25	11 <sup>40</sup> 11	5 <sup>49</sup> T 20	T 20
W21	10 2 1	1 <sup>37</sup> 59	3 <sup>3</sup> 3	23 <sup>31</sup> 23	23 <sup>16</sup> 23	27 <sup>52</sup> 27	14 <sup>42</sup> 14	16 <sup>10</sup> 16	26 <sup>45</sup> 26	10 <sup>58</sup> 10	25 <sup>28</sup> 25	26 <sup>27</sup> 26	25 <sup>20</sup> 25	11 <sup>46</sup> 11	5 <sup>49</sup> W21	W21
T 22	10 5 58	2 <sup>38</sup> 44	16 <sup>25</sup> 16	22 <sup>30</sup> 22	24 <sup>30</sup> 24	27 <sup>42</sup> 27	14 <sup>54</sup> 14	16 <sup>17</sup> 16	26 <sup>49</sup> 26	11 <sup>0</sup> 11	25 <sup>27</sup> 25	26 <sup>15</sup> 26	25 <sup>16</sup> 25	11 <sup>53</sup> 11	5 <sup>50</sup> T 22	T 22
F 23	10 9 54	3 <sup>39</sup> 26	0 <sup>7</sup> 0	21 <sup>36</sup> 21	25 <sup>45</sup> 25	27 <sup>33</sup> 27	15 <sup>5</sup> 15	16 <sup>25</sup> 16	26 <sup>52</sup> 26	11 <sup>2</sup> 11	25 <sup>26</sup> 25	26 <sup>3</sup> 26	25 <sup>13</sup> 25	12 <sup>0</sup> 12	5 <sup>51</sup> F 23	F 23
S 24	10 13 51	4 <sup>40</sup> 07	13 <sup>47</sup> 13	20 <sup>50</sup> 20	26 <sup>59</sup> 26	27 <sup>24</sup> 27	15 <sup>16</sup> 15	16 <sup>32</sup> 16	26 <sup>56</sup> 26	11 <sup>4</sup> 11	25 <sup>25</sup> 25	25 <sup>53</sup> 25	25 <sup>10</sup> 25	12 <sup>6</sup> 12	5 <sup>51</sup> S 24	S 24
S 25	10 17 48	5 <sup>40</sup> 47	27 <sup>41</sup> 27	20 <sup>10</sup> 20	28 <sup>14</sup> 28	27 <sup>16</sup> 27	15 <sup>27</sup> 15	16 <sup>39</sup> 16	26 <sup>59</sup> 26	11 <sup>7</sup> 11	25 <sup>24</sup> 25	25 <sup>45</sup> 25	25 <sup>7</sup> 25	12 <sup>13</sup> 12	5 <sup>52</sup> S 25	S 25
M26	10 21 44	6 <sup>41</sup> 25	11 <sup>41</sup> 11	19 <sup>39</sup> 19	29 <sup>29</sup> 29	27 <sup>10</sup> 27	15 <sup>38</sup> 15	16 <sup>46</sup> 16	27 <sup>3</sup> 27	11 <sup>9</sup> 11	25 <sup>23</sup> 25	25 <sup>40</sup> 25	25 <sup>4</sup> 25	12 <sup>20</sup> 12	5 <sup>53</sup> M26	M26
T 27	10 25 41	7 <sup>42</sup> 01	25 <sup>44</sup> 25	19 <sup>15</sup> 19	0 <sup>43</sup> 0	27 <sup>3</sup> 27	15 <sup>49</sup> 15	16 <sup>53</sup> 16	27 <sup>6</sup> 27	11 <sup>11</sup> 11	25 <sup>22</sup> 25	25 <sup>38</sup> 25	25 <sup>1</sup> 25	12 <sup>26</sup> 12	5 <sup>54</sup> T 27	T 27
W28	10 29 37	8 <sup>42</sup> 36	9 <sup>48</sup> 9	19 <sup>0</sup> 19	1 <sup>58</sup> 1	26 <sup>58</sup> 26	16 <sup>0</sup> 16	17 <sup>1</sup> 17	27 <sup>10</sup> 27	11 <sup>13</sup> 11	25 <sup>21</sup> 25	25 <sup>37</sup> D37	24 <sup>57</sup> 24	12 <sup>33</sup> 12	5 <sup>54</sup> W28	W28
T 29	10 33 34	9 <sup>43</sup> 09	23 <sup>54</sup> 23	18 <sup>52</sup> 18	3 <sup>12</sup> 3	26 <sup>54</sup> 26	16 <sup>10</sup> 16	17 <sup>8</sup> 17	27 <sup>13</sup> 27	11 <sup>16</sup> 11	25 <sup>20</sup> 25	25 <sup>38</sup> R38	24 <sup>54</sup> 24	12 <sup>40</sup> 12	5 <sup>55</sup> II55	T 29

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
T 1	17s19	21n 1	1s18	11s43	0s16	13s28	1s32	23n35	4n27	22s42	0n14	7s52	1s40	13s36	0s42	8s17	0s37	19n55	1s 0	23n20	23n18	20s20	16n50
F 2	17 2	23 19	0 1	11 7	0 2	13 2	1 32	23 40	4 27	22 41	0 14	7 49	1 40	13 35	0 42	8 16	0 37	19 55	1 0	23 20	23 18	20 21	16 50
S 3	16 45	24 4	1n17	10 34	0n12	12 36	1 32	23 45	4 27	22 40	0 14	7 47	1 40	13 33	0 42	8 15	0 37	19 55	1 0	23 20	23 18	20 23	16 50
S 4	16 27	23 11	2 30	10 2	0 28	12 9	1 33	23 50	4 27	22 39	0 14	7 44	1 40	13 32	0 42	8 14	0 37	19 56	1 0	23 20	23 18	20 25	16 50
M 5	16 10	20 46	3 32	9 33	0 44	11 42	1 32	23 54	4 26	22 38	0 13	7 41	1 40	13 31	0 42	8 14	0 37	19 56	1 0	23 20	23 18	20 27	16 50
T 6	15 52	17 7	4 20	9 6	1 1	11 15	1 32	23 59	4 26	22 37	0 13	7 39	1 40	13 30	0 42	8 13	0 37	19 56	1 0	23 20	23 18	20 29	16 50
W 7	15 33	12 36	4 52	8 43	1 18	10 47	1 32	24 3	4 25	22 36	0 13	7 36	1 40	13 29	0 42	8 12	0 37	19 56	1 0	23 20	23 18	20 30	16 50
T 8	15 15	7 35	5 6	8 23	1 36	10 19	1 32	24 7	4 24	22 35	0 13	7 34	1 40	13 28	0 42	8 11	0 37	19 57	1 0	23 20	23 18	20 32	16 50
F 9	14 56	2 21	5 3	8 7	1 53	9 51	1 32	24 10	4 23	22 34	0 13	7 31	1 40	13 26	0 42	8 10	0 37	19 57	1 0	23 19	23 17	20 34	16 50
S 10	14 37	2s50	4 46	7 56	2 10	9 22	1 31	24 13	4 22	22 33	0 13	7 28	1 40	13 25	0 42	8 9	0 37	19 57	1 0	23 19	23 17	20 36	16 51
S 11	14 17	7 46	4 15	7 49	2 27	8 54	1 31	24 17	4 21	22 32	0 13	7 26	1 40	13 24	0 42	8 9	0 37	19 58	1 0	23 19	23 17	20 38	16 51
M12	13 58	12 18	3 33	7 47	2 42	8 25	1 30	24 19	4 20	22 31	0 13	7 23	1 40	13 23	0 42	8 8	0 37	19 58	1 0	23 19	23 17	20 39	16 51
T 13	13 38	16 18	2 43	7 50	2 57	7 56	1 30	24 22	4 19	22 29	0 13	7 20	1 40	13 22	0 42	8 7	0 37	19 58	1 0	23 19	23 17	20 41	16 51
W14	13 18	19 37	1 46	7 57	3 9	7 26	1 29	24 24	4 18	22 28	0 13	7 18	1 40	13 20	0 42	8 6	0 37	19 58	0 59	23 19	23 17	20 43	16 51
T 15	12 57	22 7	0 45	8 9	3 20	6 57	1 28	24 26	4 17	22 27	0 13	7 15	1 40	13 19	0 42	8 5	0 37	19 59	0 59	23 19	23 17	20 45	16 52
F 16	12 37	23 40	0s19	8 24	3 28	6 27	1 28	24 28	4 15	22 26	0 13	7 12	1 40	13 18	0 42	8 5	0 37	19 59	0 59	23 19	23 17	20 46	16 52
S 17	12 16	24 8	1 22	8 42	3 35	5 57	1 27	24 30	4 14	22 25	0 13	7 9	1 40	13 17	0 42	8 4	0 37	19 59	0 59	23 19	23 17	20 48	16 52
S 18	11 55	23 27	2 23	9 3	3 38	5 27	1 26	24 31	4 12	22 24	0 13	7 7	1 40	13 16	0 42	8 3	0 37	19 59	0 59	23 19	23 17	20 50	16 52
M19	11 34	21 35	3 17	9 26	3 40	4 57	1 25	24 32	4 11	22 23	0 12	7 4	1 40	13 15	0 42	8 2	0 37	20 0	0 59	23 19	23 16	20 52	16 53
T 20	11 13	18 37	4 4	9 50	3 38	4 26	1 24	24 33	4 9	22 22	0 12	7 1	1 40	13 13	0 42	8 1	0 37	20 0	0 59	23 19	23 16	20 53	16 53
W21	10 51	14 40	4 38	10 15	3 35	3 56	1 22	24 33	4 8	22 20	0 12	6 59	1 40	13 12	0 42	8 0	0 37	20 0	0 59	23 18	23 16	20 55	16 53
T 22	10 30	9 55	4 58	10 39	3 30	3 25	1 21	24 34	4 6	22 19	0 12	6 56	1 40	13 11	0 42	7 59	0 37	20 0	0 59	23 18	23 16	20 57	16 53
F 23	10 8	4 37	5 2	11 3	3 23	2 25	1 20	24 34	4 4	22 18	0 12	6 53	1 40	13 10	0 42	7 59	0 37	20 1	0 59	23 18	23 16	20 59	16 54
S 24	9 46	0n59	4 48	11 26	3 14	2 24	1 19	24 34	4 3	22 17	0 12	6 50	1 40	13 9	0 42	7 58	0 37	20 1	0 59	23 17	23 16	21 0	16 54
S 25	9 24	6 36	4 17	11 48	3 4	1 53	1 17	24 34	4 1	22 16	0 12	6 47	1 40	13 7	0 42	7 57	0 37	20 1	0 59	23 17	23 16	21 2	16 54
M26	9 1	11 56	3 31	12 8	2 53	1 22	1 16	24 33	3 59	22 15	0 12	6 45	1 40	13 6	0 42	7 56	0 37	20 1	0 59	23 17	23 16	21 4	16 55
T 27	8 39	16 40	2 32	12 26	2 41	0 51	1 14	24 33	3 57	22 13	0 12	6 42	1 40	13 5	0 42	7 55	0 37	20 2	0 58	23 17	23 16	21 5	16 55
W28	8 16	20 28	1 23	12 43	2 29	0 20	1 13	24 32	3 55	22 12	0 12	6 39	1 40	13 4	0 42	7 54	0 37	20 2	0 58	23 17	23 15	21 7	16 55
T 29	7s54	23n 4	0s 9	12s57	2n16	0n11	1s11	24n31	3n53	22s11	0n12	6s36	1s40	13s 3	0s42	7s53	0s37	20n 2	0s58	23n17	23n15	21s 9	16n56

## ASTRODIENST EPHEMERIS for the year 2672

MARCH 2672

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	10 37 30	10 <sup>h</sup> 43'41"	8 <sup>h</sup> 00'	18°D51	4 <sup>h</sup> Y26	26°R50	16 <sup>h</sup> 321	17 <sup>h</sup> 15	27 <sup>h</sup> 16	11 <sup>h</sup> 18	25°R19	25°R37	24 <sup>h</sup> II51	12 <sup>h</sup> 746	5 <sup>h</sup> II56	F 1
S 2	10 41 27	11°44'10"	22° 5'	18 <sup>h</sup> 556	5°41	26 <sup>h</sup> 547	16°31	17°22	27°20	11°20	25 <sup>h</sup> 19	25 <sup>h</sup> II35	24°48	12°53	5°58	S 2
S 3	10 45 23	12°44'38"	6 <sup>h</sup> 00'	19° 9'	6°55	26°45	16°42	17°30	27°23	11°23	25°18	25°30	24°45	13° 0'	5°59	S 3
M 4	10 49 20	13°45'04"	20° 3'	19°27	8° 9'	26°43	16°52	17°37	27°27	11°25	25°17	25°22	24°42	13° 6'	6° 0'	M 4
T 5	10 53 17	14°45'28"	3 <sup>h</sup> 00'	19°51	9°24	26°D43	17° 2'	17°44	27°30	11°27	25°16	25°11	24°38	13°13	6° 1'	T 5
W 6	10 57 13	15°45'50"	17°23	20°20	10°38	26°43	17°12	17°51	27°33	11°29	25°16	24°59	24°35	13°20	6° 3'	W 6
T 7	11 1 10	16°46'11"	0 <sup>h</sup> 41	20°54	11°52	26°44	17°22	17°59	27°37	11°32	25°15	24°45	24°32	13°26	6° 4'	T 7
F 8	11 5 6	17°46'30"	13°40	21°32	13° 6'	26°45	17°32	18° 6'	27°40	11°34	25°14	24°33	24°29	13°33	6° 6'	F 8
S 9	11 9 3	18°46'48"	26°20	22°14	14°20	26°48	17°42	18°13	27°43	11°36	25°13	24°22	24°26	13°39	6° 7'	S 9
S 10	11 12 59	19°47'04"	8 <sup>h</sup> 42	23° 1'	15°34	26°51	17°51	18°21	27°47	11°38	25°13	24°14	24°22	13°46	6° 9'	S 10
M 11	11 16 56	20°47'19"	20°49	23°50	16°48	26°54	18° 1'	18°28	27°50	11°41	25°12	24° 8'	24°19	13°53	6°10	M 11
T 12	11 20 52	21°47'32"	2 <sup>h</sup> 45	24°43	18° 2'	26°59	18°10	18°35	27°53	11°43	25°11	24° 5'	24°16	13°59	6°12	T 12
W 13	11 24 49	22°47'44"	14°34	25°39	19°16	27° 4'	18°20	18°42	27°57	11°45	25°11	24° 4'	24°13	14° 6'	6°14	W 13
T 14	11 28 46	23°47'55"	26°32	26°38	20°30	27° 9'	18°29	18°50	28° 0'	11°48	25°10	24° 4'	24°10	14°13	6°16	T 14
F 15	11 32 42	24°48'04"	8 <sup>h</sup> 14	27°40	21°44	27°16	18°38	18°57	28° 3'	11°50	25°10	24° 4'	24° 7'	14°19	6°18	F 15
S 16	11 36 39	25°48'11"	20°17	28°44	22°57	27°23	18°47	19° 4'	28° 6'	11°52	25° 9'	24° 2'	24° 3'	14°26	6°20	S 16
S 17	11 40 35	26°48'17"	2 <sup>h</sup> 34	29°51	24°11	27°30	18°56	19°11	28° 9'	11°54	25° 9'	23°58	24° 0'	14°33	6°22	S 17
M 18	11 44 32	27°48'21"	15°10	0 <sup>h</sup> 59	25°25	27°38	19° 4'	19°19	28°13	11°56	25° 8'	23°52	23°57	14°39	6°24	M 18
T 19	11 48 28	28°48'24"	28° 7'	2°10	26°38	27°47	19°13	19°26	28°16	11°59	25° 8'	23°42	23°54	14°46	6°26	T 19
W 20	11 52 25	29°48'24"	11 <sup>h</sup> 28	3°23	27°52	27°57	19°21	19°33	28°19	12° 1'	25° 7'	23°31	23°51	14°53	6°28	W 20
T 21	11 56 21	0 <sup>h</sup> Y48'23"	25°10	4°37	29° 6'	28° 7'	19°30	19°40	28°22	12° 3'	25° 7'	23°18	23°48	14°59	6°30	T 21
F 22	12 0 18	1°48'20"	9 <sup>h</sup> Y10	5°54	0 <sup>h</sup> 19	28°17	19°38	19°47	28°25	12° 5'	25° 6'	23° 6'	23°44	15° 6'	6°33	F 22
S 23	12 4 15	2°48'16"	23°24	7°12	1°32	28°28	19°46	19°55	28°28	12° 7'	25° 6'	22°55	23°41	15°13	6°35	S 23
S 24	12 8 11	3°48'09"	7 <sup>h</sup> 45	8°31	2°46	28°40	19°54	20° 2'	28°31	12°10	25° 6'	22°46	23°38	15°19	6°37	S 24
M 25	12 12 8	4°48'00"	22° 9'	9°53	3°59	28°52	20° 1'	20° 9'	28°34	12°12	25° 5'	22°41	23°35	15°26	6°40	M 25
T 26	12 16 4	5°47'49"	6 <sup>h</sup> II30	11°15	5°12	29° 5'	20° 9'	20°16	28°37	12°14	25° 5'	22°38	23°32	15°32	6°42	T 26
W 27	12 20 1	6°47'36"	20°44	12°40	6°26	29°18	20°17	20°23	28°40	12°16	25° 5'	22°D37	23°28	15°39	6°45	W 27
T 28	12 23 57	7°47'21"	4 <sup>h</sup> 52	14° 5'	7°39	29°32	20°24	20°30	28°43	12°18	25° 4'	22°R37	23°25	15°46	6°48	T 28
F 29	12 27 54	8°47'03"	18°50	15°33	8°52	29°46	20°31	20°37	28°46	12°20	25° 4'	22°37	23°22	15°52	6°50	F 29
S 30	12 31 50	9°46'44"	2 <sup>h</sup> 40	17° 1'	10° 5'	0 <sup>h</sup> 1	20°38	20°44	28°49	12°22	25° 4'	22°35	23°19	15°59	6°53	S 30
S 31	12 35 47	10 <sup>h</sup> Y46'21"	16 <sup>h</sup> 21	18 <sup>h</sup> 31	11 <sup>h</sup> 18	0 <sup>h</sup> 16	20 <sup>h</sup> 35	20 <sup>h</sup> 51	28 <sup>h</sup> 51	12 <sup>h</sup> 24	25 <sup>h</sup> 4	22 <sup>h</sup> II30	23 <sup>h</sup> II16	16 <sup>h</sup> 7	6 <sup>h</sup> II56	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	7s31	24n12	1n 5	13s10	2n 3	0n42	1s 9	24n30	3n52	22s10	0n12	6s34	1s40	13s 2	0s42	F 1
S 2	7 8	23 46	2 15	13 21	1 50	1 13	1 7	24 29	3 50	22 9	0 12	6 31	1 40	13 0	0 42	S 2
S 3	6 45	21 51	3 17	13 29	1 37	1 44	1 6	24 27	3 48	22 7	0 12	6 28	1 40	12 59	0 42	S 3
M 4	6 22	18 38	4 6	13 36	1 24	2 15	1 4	24 26	3 46	22 6	0 11	6 25	1 40	12 58	0 42	M 4
T 5	5 59	14 25	4 40	13 41	1 11	2 46	1 2	24 24	3 44	22 5	0 11	6 22	1 40	12 57	0 42	T 5
W 6	5 36	9 32	4 58	13 44	0 59	3 17	1 0	24 22	3 42	22 4	0 11	6 20	1 40	12 56	0 42	W 6
T 7	5 12	4 18	4 59	13 45	0 46	3 47	0 58	24 20	3 40	22 3	0 11	6 17	1 41	12 55	0 42	T 7
F 8	4 49	1s 0	4 44	13 44	0 34	4 18	0 55	24 18	3 38	22 1	0 11	6 14	1 41	12 54	0 42	F 8
S 9	4 25	6 9	4 16	13 41	0 23	4 49	0 53	24 15	3 36	22 0	0 11	6 11	1 41	12 53	0 42	S 9
S 10	4 2	10 57	3 36	13 37	0 11	5 19	0 51	24 13	3 34	21 59	0 11	6 8	1 41	12 51	0 42	S 10
M 11	3 38	15 13	2 46	13 31	0 0	5 50	0 49	24 10	3 32	21 58	0 11	6 6	1 41	12 50	0 42	M 11
T 12	3 15	18 50	1 50	13 24	0s10	6 20	0 46	24 7	3 30	21 57	0 11	6 3	1 41	12 49	0 42	T 12
W 13	2 51	21 38	0 50	13 15	0 21	6 50	0 44	24 4	3 28	21 55	0 11	6 0	1 41	12 48	0 42	W 13
T 14	2 27	23 30	0s12	13 4	0 31	7 20	0 42	24 1	3 26	21 54	0 11	5 57	1 41	12 47	0 42	T 14
F 15	2 4	24 20	1 14	12 52	0 40	7 50	0 39	23 58	3 24	21 53	0 11	5 54	1 41	12 46	0 42	F 15
S 16	1 40	24 2	2 14	12 38	0 49	8 20	0 37	23 55	3 22	21 52	0 11	5 52	1 41	12 45	0 42	S 16
S 17	1 16	22 35	3 9	12 23	0 58	8 49	0 34	23 52	3 20	21 51	0 11	5 49	1 41	12 44	0 42	S 17
M 18	0 52	19 59	3 55	12 7	1 6	9 18	0 31	23 48	3 18	21 50	0 10	5 46	1 41	12 43	0 42	M 18
T 19	0 28	16 20	4 32	11 49	1 14	9 47	0 29	23 44	3 17	21 49	0 10	5 43	1 41	12 42	0 42	T 19
W 20	0 5	11 46	4 54	11 30	1 21	10 16	0 26	23 41	3 15	21 47	0 10	5 41	1 41	12 41	0 42	W 20
T 21	0n19	6 31	5 0	11 9	1 28	10 45	0 23	23 37	3 13	21 46	0 10	5 38	1 41	12 39	0 42	T 21
F 22	0 43	0 49	4 49	10 47	1 35	11 13	0 20	23 33	3 11	21 45	0 10	5 35	1 41	12 38	0 42	F 22
S 23	1 7	5n 2	4 20	10 24	1 41	11 41	0 18	23 29	3 9	21 44	0 10	5 32	1 42	12 37	0 42	S 23
S 24	1 30	10 40	3 34	10 0	1 47	12 9	0 15	23 24	3 7	21 43	0 10	5 30	1 42	12 36	0 42	S 24
M 25	1 54	15 46	2 34	9 34	1 52	12 37	0 12	23 20	3 5	21 42	0 10	5 27	1 42	12 35	0 42	M 25
T 26	2 18	19 56	1 24	9 8	1 57	13 4	0 9	23 16	3 3	21 41	0 10	5 24	1 42	12 34	0 42	T 26
W 27	2 41	22 52	0 10	8 40	2 2	13 31	0 6	23 11	3 2	21 40	0 10	5 21	1 42	12 33	0 42	W 27
T 28	3 5	24 20	1n 5	8 10	2 6	13 58	0 3	23 6	3 0	21 39	0 10	5 19	1 42	12 32	0 42	T 28
F 29	3 28	24 15	2 14	7 40	2 10	14 24	0 0	23 2	2 58	21 38	0 10	5 16	1 42	12 31	0 42	F 29
S 30	3 52	22 40	3 15	7 9	2 13	14 50	0n 3	22 57	2 56	21 37	0 10	5 13	1 42	12 30	0 42	S 30
S 31	4n15	19n46	4n 5	6s36	2s15	15n16	0n 6	22n52	2n55	21s36	0n 9	5s11	1s42	12s29	0s42	S 31

Julian Day Number = 2697047.5, Delta T = 25m10s

Ecliptic obliquity = 23°21'08", Nutation = - 0°00'16"

Ayanamsha: Fagan/Bradley = 34°08'35", Lahiri = 33°15'35"

# ASTRODIENST EPHEMERIS for the year 2672

APRIL 2672

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	12 39 44	11°45'57	29°05'2	20°31	12°31	0°03'2	20°52	20°58	28°54	12°26	25°R 4	22°R23	23°13	16°12	6°59	M 1
T 2	12 43 40	12°45'30	13°11'3	21°35	13°44	0°48	20°59	21° 5	28°57	12°28	25°3	22°14	23° 9	16°19	7° 1	T 2
W 3	12 47 37	13°45'02	26°23	23° 9	14°57	1° 4	21° 5	21°12	29° 0	12°30	25° 3	22° 2	23° 6	16°26	7° 4	W 3
T 4	12 51 33	14°44'31	9°19	24°45	16° 9	1°21	21°11	21°19	29° 2	12°32	25° 3	21°50	23° 3	16°32	7° 7	T 4
F 5	12 55 30	15°43'58	22° 1	26°21	17°22	1°39	21°18	21°26	29° 5	12°34	25° 3	21°39	23° 0	16°39	7°10	F 5
S 6	12 59 26	16°43'23	4°11'30	27°59	18°35	1°56	21°24	21°33	29° 8	12°36	25° 3	21°29	22°57	16°46	7°13	S 6
S 7	13 3 23	17°42'46	16°44	29°39	19°47	2°15	21°30	21°40	29°10	12°38	25° 3	21°21	22°53	16°52	7°17	S 7
M 8	13 7 19	18°42'08	28°47	1°19	21° 0	2°33	21°35	21°46	29°13	12°40	25°D 3	21°16	22°50	16°59	7°20	M 8
T 9	13 11 16	19°41'28	10°41	3° 2	22°12	2°52	21°41	21°53	29°15	12°42	25° 3	21°13	22°47	17° 5	7°23	T 9
W10	13 15 12	20°40'45	22°29	4°45	23°24	3°11	21°46	22° 0	29°18	12°44	25° 3	21°D13	22°44	17°12	7°26	W10
T 11	13 19 9	21°40'02	4°31	6°30	24°37	3°31	21°51	22° 7	29°20	12°46	25° 3	21°13	22°41	17°19	7°29	T 11
F 12	13 23 6	22°39'16	16° 9	8°16	25°49	3°51	21°57	22°13	29°23	12°48	25° 3	21°14	22°38	17°25	7°33	F 12
S 13	13 27 2	23°38'29	28°10	10° 4	27° 1	4°11	22° 1	22°20	29°25	12°50	25° 3	21°R14	22°34	17°32	7°36	S 13
S 14	13 30 59	24°37'39	10°27	11°53	28°13	4°32	22° 6	22°26	29°27	12°52	25° 4	21°13	22°31	17°39	7°39	S 14
M15	13 34 55	25°36'49	23° 3	13°43	29°25	4°53	22°11	22°33	29°30	12°53	25° 4	21° 9	22°28	17°45	7°43	M15
T 16	13 38 52	26°35'56	6°31	15°35	0°11'37	5°14	22°15	22°39	29°32	12°55	25° 4	21° 4	22°25	17°52	7°46	T 16
W17	13 42 48	27°35'01	19°29	17°28	1°49	5°36	22°19	22°46	29°34	12°57	25° 4	20°56	22°22	17°59	7°50	W17
T 18	13 46 45	28°34'05	3°19	19°23	3° 1	5°58	22°23	22°52	29°36	12°59	25° 4	20°48	22°19	18° 5	7°53	T 18
F 19	13 50 41	29°33'07	17°36	21°19	4°12	6°20	22°27	22°59	29°39	13° 0	25° 5	20°39	22°15	18°12	7°57	F 19
S 20	13 54 38	0°32'07	2°10	23°17	5°24	6°43	22°31	23° 5	29°41	13° 2	25° 5	20°31	22°12	18°19	8° 1	S 20
S 21	13 58 35	1°31'05	16°55	25°16	6°35	7° 6	22°35	23°11	29°43	13° 4	25° 5	20°26	22° 9	18°25	8° 4	S 21
M22	14 2 31	2°30'01	1°11'44	27°16	7°47	7°29	22°38	23°17	29°45	13° 5	25° 6	20°22	22° 6	18°32	8° 8	M22
T 23	14 6 28	3°28'55	16°29	29°18	8°58	7°52	22°41	23°24	29°47	13° 7	25° 6	20°D21	22° 3	18°38	8°12	T 23
W24	14 10 24	4°27'46	1°4	1°21	10°10	8°16	22°44	23°30	29°49	13° 9	25° 6	20°21	21°59	18°45	8°15	W24
T 25	14 14 21	5°26'36	15°25	3°25	11°21	8°40	22°47	23°36	29°51	13°10	25° 7	20°22	21°56	18°52	8°19	T 25
F 26	14 18 17	6°25'23	29°29	5°30	12°32	9° 4	22°50	23°42	29°53	13°12	25° 7	20°23	21°53	18°58	8°23	F 26
S 27	14 22 14	7°24'08	13°18	7°36	13°43	9°29	22°52	23°48	29°54	13°13	25° 8	20°R23	21°50	19° 5	8°27	S 27
S 28	14 26 10	8°22'51	26°49	9°42	14°54	9°53	22°54	23°54	29°56	13°15	25° 8	20°22	21°47	19°12	8°31	S 28
M29	14 30 7	9°21'31	10°11'5	11°49	16° 5	10°18	22°56	23°59	29°58	13°16	25° 9	20°18	21°44	19°18	8°34	M29
T 30	14 34 4	10°20'09	23°11'7	13°57	17°16	10°18	22°58	24°11	29°59	13°18	25°9	20°13	21°40	19°25	8°38	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	4n38	15n50	4n39	6s 3	2s18	15n41	0n 9	22n47	2n53	21s35	0n 9	5s 8	1s42	12s29	0s42	7s27
T 2	5 1	11 10	4 58	5 28	2 20	16 6	0 12	22 41	2 51	21 34	0 9	5 5	1 42	12 28	0 42	7 26
W 3	5 24	6 3	5 1	4 52	2 21	16 30	0 15	22 36	2 49	21 33	0 9	5 3	1 43	12 27	0 42	7 26
T 4	5 47	0 45	4 48	4 15	2 22	16 54	0 18	22 31	2 48	21 32	0 9	5 0	1 43	12 26	0 42	7 25
F 5	6 10	4s30	4 21	3 38	2 23	17 18	0 21	22 25	2 46	21 31	0 9	4 58	1 43	12 25	0 42	7 24
S 6	6 33	9 29	3 42	2 59	2 23	17 41	0 24	22 19	2 44	21 31	0 9	4 55	1 43	12 24	0 42	7 23
S 7	6 56	14 1	2 53	2 19	2 22	18 4	0 28	22 14	2 43	21 30	0 9	4 52	1 43	12 23	0 42	7 23
M 8	7 18	17 55	1 57	1 38	2 21	18 26	0 31	22 8	2 41	21 29	0 9	4 50	1 43	12 22	0 43	7 22
T 9	7 41	21 2	0 56	0 57	2 20	18 48	0 34	22 2	2 39	21 28	0 9	4 47	1 43	12 21	0 43	7 21
W10	8 3	23 15	0s 7	0 14	2 18	19 9	0 37	21 56	2 38	21 27	0 9	4 45	1 43	12 21	0 43	7 20
T 11	8 25	24 26	1 10	0n30	2 16	19 30	0 40	21 50	2 36	21 27	0 9	4 42	1 43	12 20	0 43	7 20
F 12	8 47	24 32	2 10	1 14	2 13	19 50	0 43	21 43	2 35	21 26	0 9	4 40	1 44	12 19	0 43	7 19
S 13	9 9	23 28	3 5	1 59	2 10	20 10	0 46	21 37	2 33	21 25	0 8	4 37	1 44	12 18	0 43	7 18
S 14	9 30	21 17	3 53	2 45	2 6	20 30	0 49	21 31	2 31	21 25	0 8	4 35	1 44	12 17	0 43	7 18
M15	9 52	18 3	4 31	3 32	2 1	20 48	0 52	21 24	2 30	21 24	0 8	4 32	1 44	12 17	0 43	7 17
T 16	10 13	13 51	4 56	4 19	1 57	21 7	0 56	21 17	2 28	21 23	0 8	4 30	1 44	12 16	0 43	7 16
W17	10 35	8 51	5 6	5 7	1 51	21 24	0 59	21 10	2 27	21 23	0 8	4 28	1 44	12 15	0 43	7 16
T 18	10 56	3 15	4 59	5 56	1 45	21 42	1 2	21 4	2 25	21 22	0 8	4 25	1 44	12 14	0 43	7 15
F 19	11 16	2n40	4 34	6 45	1 39	21 58	1 5	20 57	2 24	21 22	0 8	4 23	1 45	12 14	0 43	7 14
S 20	11 37	8 35	3 50	7 35	1 32	22 14	1 8	20 49	2 22	21 21	0 8	4 20	1 45	12 13	0 43	7 14
S 21	11 58	14 6	2 50	8 25	1 25	22 30	1 11	20 42	2 21	21 21	0 8	4 18	1 45	12 12	0 43	7 13
M22	12 18	18 49	1 39	9 16	1 17	22 45	1 14	20 35	2 19	21 20	0 8	4 16	1 45	12 11	0 43	7 13
T 23	12 38	22 19	0 21	10 6	1 9	22 59	1 17	20 27	2 18	21 20	0 8	4 13	1 45	12 11	0 43	7 12
W24	12 58	24 19	0n58	10 57	1 1	23 12	1 20	20 20	2 17	21 19	0 7	4 11	1 45	12 10	0 43	7 11
T 25	13 17	24 39	2 11	11 48	0 52	23 25	1 23	20 12	2 15	21 19	0 7	4 9	1 45	12 9	0 43	7 11
F 26	13 37	23 23	3 16	12 39	0 42	23 38	1 25	20 4	2 14	21 19	0 7	4 7	1 46	12 9	0 43	7 10
S 27	13 56	20 43	4 8	13 29	0 32	23 49	1 28	19 57	2 12	21 18	0 7	4 5	1 46	12 8	0 43	7 10
S 28	14 15	16 59	4 44	14 19	0 22	24 1	1 31	19 49	2 11	21 18	0 7	4 2	1 46	12 8	0 43	7 9
M29	14 34	12 28	5 5	15 8	0 12	24 11	1 34	19 41	2 10	21 18	0 7	4 0	1 46	12 7	0 43	7 9
T 30	14n52	7n28	5n10	15n57	0s 1	24n21	1n37	19n32	2n 8	21s17	0n 7	3s58	1s46	12s 7	0s43	7s 8

Julian Day Number = 2697078.5, Delta T = 25m11s  
 Ecliptic obliquity = 23°21'09, Nutation = - 0°00'17  
 Ayanamsha: Fagan/Bradley = 34°08'40, Lahiri = 33°15'40

## ASTRODIENST EPHEMERIS for the year 2672

MAY 2672

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	14 38 0	11♌18'45	5♊56	16♌5	18♏26	11♏9	23♎0	24♏11	0♏1	13♏19	25♏10	20°R 7	21♏37	19♏32	8♏42	W 1
T 2	14 41 57	12°17'19	18°32	18°12	19°37	11°35	23°1	24°17	0°3	13°20	25°10	20°II 0	21°34	19°38	8°46	T 2
F 3	14 45 53	13°15'51	0♏56	20°19	20°47	12°1	23°3	24°22	0°4	13°22	25°11	19°54	21°31	19°45	8°50	F 3
S 4	14 49 50	14°14'21	13°9	22°25	21°58	12°27	23°4	24°28	0°6	13°23	25°11	19°48	21°28	19°52	8°54	S 4
S 5	14 53 46	15°12'50	25°13	24°30	23°8	12°53	23°5	24°33	0°7	13°25	25°12	19°44	21°25	19°58	8°58	S 5
M 6	14 57 43	16°11'16	7♏9	26°34	24°18	13°20	23°6	24°39	0°9	13°26	25°13	19°41	21°21	20°5	9°2	M 6
T 7	15 1 39	17°9'41	18°59	28°36	25°28	13°46	23°6	24°44	0°10	13°27	25°13	19°D41	21°18	20°12	9°6	T 7
W 8	15 5 36	18°8'04	0♏47	0♏37	26°38	14°13	23°7	24°50	0°11	13°28	25°14	19°41	21°15	20°18	9°11	W 8
T 9	15 9 33	19°6'26	12°35	2°34	27°48	14°40	23°7	24°55	0°13	13°30	25°15	19°43	21°12	20°25	9°15	T 9
F 10	15 13 29	20°4'46	24°27	4°30	28°58	15°8	23°R 7	25°0	0°14	13°31	25°16	19°44	21°9	20°31	9°19	F 10
S 11	15 17 26	21°3'05	6♏29	6°22	0♏7	15°35	23°7	25°5	0°15	13°32	25°16	19°46	21°5	20°38	9°23	S 11
S 12	15 21 22	22°1'21	18°44	8°12	1°17	16°3	23°7	25°10	0°16	13°33	25°17	19°R47	21°2	20°45	9°27	S 12
M13	15 25 19	22°59'37	1♏18	9°58	2°26	16°31	23°6	25°15	0°17	13°34	25°18	19°46	20°59	20°51	9°31	M13
T 14	15 29 15	23°57'51	14°15	11°41	3°35	16°59	23°5	25°20	0°18	13°35	25°19	19°45	20°56	20°58	9°36	T 14
W15	15 33 12	24°56'03	27°38	13°20	4°44	17°27	23°4	25°25	0°19	13°36	25°20	19°43	20°53	21°5	9°40	W15
T 16	15 37 8	25°54'14	11°V28	14°56	5°54	17°55	23°3	25°30	0°20	13°37	25°21	19°40	20°50	21°11	9°44	T 16
F 17	15 41 5	26°52'24	25°45	16°28	7°2	18°24	23°2	25°34	0°21	13°38	25°21	19°36	20°46	21°18	9°48	F 17
S 18	15 45 2	27°50'32	10♏24	17°56	8°11	18°53	23°0	25°39	0°22	13°39	25°22	19°33	20°43	21°25	9°53	S 18
S 19	15 48 58	28°48'39	25°21	19°20	9°20	19°22	22°59	25°44	0°23	13°40	25°23	19°31	20°40	21°31	9°57	S 19
M20	15 52 55	29°46'44	10♏26	20°40	10°28	19°51	22°57	25°48	0°24	13°41	25°24	19°30	20°37	21°38	10°1	M20
T 21	15 56 51	0♏44'48	25°31	21°56	11°37	20°20	22°55	25°53	0°24	13°42	25°25	19°D30	20°34	21°45	10°5	T 21
W22	16 0 48	1°42'50	10♏26	23°8	12°45	20°49	22°53	25°57	0°25	13°42	25°26	19°31	20°31	21°51	10°10	W22
T 23	16 4 44	2°40'50	25°6	24°16	13°53	21°19	22°50	26°1	0°26	13°43	25°27	19°32	20°27	21°58	10°14	T 23
F 24	16 8 41	3°38'48	9♏25	25°20	15°1	21°48	22°48	26°5	0°26	13°44	25°28	19°33	20°24	22°4	10°18	F 24
S 25	16 12 37	4°36'44	23°22	26°19	16°9	22°18	22°45	26°9	0°27	13°45	25°29	19°34	20°21	22°11	10°23	S 25
S 26	16 16 34	5°34'39	6♏55	27°14	17°17	22°48	22°42	26°13	0°27	13°45	25°30	19°R34	20°18	22°18	10°27	S 26
M27	16 20 31	6°32'32	20°7	28°4	18°24	23°18	22°39	26°17	0°28	13°46	25°31	19°34	20°15	22°24	10°31	M27
T 28	16 24 27	7°30'23	2♏59	28°50	19°31	23°48	22°36	26°21	0°28	13°47	25°32	19°33	20°11	22°31	10°36	T 28
W29	16 28 24	8°28'12	15°35	29°32	20°39	24°19	22°32	26°25	0°28	13°47	25°34	19°32	20°8	22°38	10°40	W29
T 30	16 32 20	9°26'00	27°56	0♏8	21°46	24°49	22°29	26°29	0°29	13°48	25°35	19°30	20°5	22°44	10°44	T 30
F 31	16 36 17	10♏23'46	10♏6	0♏41	22°52	25°20	22°25	26°32	0♏29	13°48	25°36	19°II29	20°II 2	22°51	10°II49	F 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	15n10	2n13	4n58	16n44	0n 9	24n30	1n39	19n24	2n 7	21s17	0n 7	3s56	1s46	12s 6	0s43	W 1
T 2	15 28	3s 2	4 33	17 30	0 20	24 38	1 42	19 16	2 6	21 17	0 7	3 54	1 47	12 5	0 43	T 2
F 3	15 46	8 5	3 55	18 15	0 31	24 46	1 44	19 7	2 4	21 17	0 7	3 52	1 47	12 5	0 43	F 3
S 4	16 3	12 46	3 6	18 59	0 42	24 53	1 47	18 59	2 3	21 17	0 7	3 50	1 47	12 4	0 43	S 4
S 5	16 20	16 54	2 10	19 40	0 52	25 0	1 49	18 50	2 2	21 17	0 6	3 48	1 47	12 4	0 43	S 5
M 6	16 37	20 18	1 8	20 20	1 2	25 6	1 52	18 41	2 1	21 17	0 6	3 46	1 47	12 4	0 43	M 6
T 7	16 54	22 50	0 4	20 57	1 12	25 11	1 54	18 32	1 59	21 17	0 6	3 44	1 48	12 3	0 44	T 7
W 8	17 10	24 22	1s 1	21 33	1 22	25 15	1 56	18 23	1 58	21 17	0 6	3 42	1 48	12 3	0 44	W 8
T 9	17 26	24 47	2 2	22 5	1 31	25 19	1 59	18 14	1 57	21 17	0 6	3 40	1 48	12 2	0 44	T 9
F 10	17 42	24 6	2 59	22 36	1 40	25 22	2 1	18 5	1 56	21 17	0 6	3 38	1 48	12 2	0 44	F 10
S 11	17 57	22 17	3 49	23 4	1 48	25 24	2 3	17 56	1 54	21 17	0 6	3 36	1 48	12 1	0 44	S 11
S 12	18 12	19 26	4 30	23 30	1 56	25 26	2 5	17 46	1 53	21 17	0 6	3 34	1 48	12 1	0 44	S 12
M13	18 27	15 37	4 59	23 53	2 2	25 27	2 7	17 37	1 52	21 17	0 6	3 33	1 49	12 1	0 44	M13
T 14	18 42	11 0	5 13	24 13	2 8	25 27	2 9	17 27	1 51	21 18	0 6	3 31	1 49	12 0	0 44	T 14
W15	18 56	5 42	5 12	24 32	2 14	25 27	2 11	17 17	1 50	21 18	0 5	3 29	1 49	12 0	0 44	W15
T 16	19 10	0n 2	4 52	24 47	2 18	25 26	2 12	17 7	1 48	21 18	0 5	3 27	1 49	12 0	0 44	T 16
F 17	19 23	5 57	4 15	25 1	2 22	25 24	2 14	16 58	1 47	21 19	0 5	3 26	1 49	12 0	0 44	F 17
S 18	19 36	11 44	3 19	25 12	2 24	25 21	2 16	16 48	1 46	21 19	0 5	3 24	1 50	11 59	0 44	S 18
S 19	19 49	16 56	2 9	25 21	2 26	25 18	2 17	16 37	1 45	21 19	0 5	3 22	1 50	11 59	0 44	S 19
M20	20 2	21 6	0 50	25 28	2 27	25 15	2 19	16 27	1 44	21 20	0 5	3 21	1 50	11 59	0 44	M20
T 21	20 14	23 50	0n33	25 33	2 27	25 10	2 20	16 17	1 43	21 20	0 5	3 19	1 50	11 59	0 44	T 21
W22	20 26	24 50	1 53	25 36	2 26	25 5	2 21	16 6	1 42	21 21	0 5	3 18	1 51	11 58	0 44	W22
T 23	20 37	24 4	3 4	25 37	2 24	24 59	2 22	15 56	1 41	21 21	0 5	3 16	1 51	11 58	0 44	T 23
F 24	20 48	21 43	4 2	25 37	2 21	24 53	2 23	15 45	1 39	21 22	0 4	3 15	1 51	11 58	0 44	F 24
S 25	20 59	18 9	4 44	25 35	2 17	24 46	2 24	15 35	1 38	21 22	0 4	3 13	1 51	11 58	0 44	S 25
S 26	21 9	13 43	5 9	25 32	2 12	24 39	2 25	15 24	1 37	21 23	0 4	3 12	1 51	11 58	0 44	S 26
M27	21 19	8 45	5 17	25 27	2 6	24 30	2 26	15 13	1 36	21 23	0 4	3 11	1 52	11 58	0 44	M27
T 28	21 29	3 32	5 8	25 20	1 59	24 21	2 27	15 2	1 35	21 24	0 4	3 9	1 52	11 58	0 44	T 28
W29	21 38	1s44	4 45	25 13	1 52	24 12	2 27	14 51	1 34	21 25	0 4	3 8	1 52	11 57	0 44	W29
T 30	21 47	6 50	4 8	25 4	1 43	24 2	2 28	14 40	1 33	21 25	0 4	3 7	1 52	11 57	0 44	T 30
F 31	21n56	11s36	3n21	24n54	1n33	23n51	2n28	14n28	1n32	21s26	0n 4	3s 6	1s52	11s57	0s44	F 31

Julian Day Number = 2697108.5, Delta T = 25m11s

Ecliptic obliquity = 23°21'09, Nutation = - 0°00'18

Ayanamsha: Fagan/Bradley = 34°08'44, Lahiri = 33°15'44

## ASTRODIENST EPHEMERIS for the year 2672

JUNE 2672

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 40 13	11♐21'31	22♋7	1♌8	23♏59	25♏51	22°R21	26♋36	0♋29	13♋49	25♏37	19°R28	19♐59	22♋58	10♐53	S 1
S 2	16 44 10	12°19'15	4♈2	1°30	25°6	26°22	22♐17	26°39	0°29	13°49	25°38	19♐27	19°56	23°4	10°57	S 2
M 3	16 48 6	13°16'57	15°52	1°48	26°12	26°53	22°12	26°43	0°29	13°50	25°39	19°D27	19°52	23°11	11°2	M 3
T 4	16 52 3	14°14'38	27°40	2°1	27°18	27°24	22°8	26°46	0°R29	13°50	25°41	19°27	19°49	23°18	11°6	T 4
W 5	16 56 0	15°12'17	9♊28	2°9	28°24	27°55	22°3	26°49	0°29	13°50	25°42	19°27	19°46	23°24	11°10	W 5
T 6	16 59 56	16°9'56	21°19	2°R13	29°30	28°26	21°59	26°52	0°29	13°51	25°43	19°27	19°43	23°31	11°15	T 6
F 7	17 3 53	17°7'34	3♈15	2°12	0♌35	28°58	21°54	26°55	0°29	13°51	25°44	19°28	19°40	23°37	11°19	F 7
S 8	17 7 49	18°5'10	15°20	2°6	1°40	29°29	21°49	26°58	0°29	13°51	25°46	19°28	19°37	23°44	11°23	S 8
S 9	17 11 46	19°2'46	27°38	1°56	2°45	0♐1	21°43	27°1	0°29	13°52	25°47	19°R28	19°33	23°51	11°28	S 9
M10	17 15 42	20°0'20	10♋12	1°42	3°50	0°33	21°38	27°4	0°28	13°52	25°48	19°28	19°30	23°57	11°32	M10
T 11	17 19 39	20°57'54	23°6	1°24	4°55	1°5	21°32	27°6	0°28	13°52	25°49	19°D28	19°27	24°4	11°36	T 11
W12	17 23 36	21°55'27	6♈22	1°2	5°59	1°37	21°27	27°9	0°28	13°52	25°51	19°28	19°24	24°11	11°41	W12
T 13	17 27 32	22°53'00	20°4	0°38	7°3	2°9	21°21	27°11	0°27	13°52	25°52	19°28	19°21	24°17	11°45	T 13
F 14	17 31 29	23°50'31	4♈12	0°10	8°7	2°41	21°15	27°14	0°27	13°52	25°53	19°29	19°17	24°24	11°49	F 14
S 15	17 35 25	24°48'02	18°45	29♐40	9°11	3°13	21°9	27°16	0°26	13°52	25°55	19°29	19°14	24°31	11°54	S 15
S 16	17 39 22	25°45'32	3♐37	29°9	10°15	3°46	21°3	27°18	0°26	13°R52	25°56	19°30	19°11	24°37	11°58	S 16
M17	17 43 18	26°43'02	18°44	28°36	11°18	4°18	20°57	27°20	0°25	13°52	25°57	19°R30	19°8	24°44	12°2	M17
T 18	17 47 15	27°40'30	3♏55	28°3	12°21	4°51	20°50	27°22	0°24	13°52	25°59	19°30	19°5	24°51	12°6	T 18
W19	17 51 11	28°37'58	19°2	27°29	13°23	5°24	20°44	27°24	0°24	13°52	26°0	19°29	19°2	24°57	12°11	W19
T 20	17 55 8	29°35'25	3♌56	26°56	14°26	5°57	20°37	27°26	0°23	13°52	26°2	19°28	18°58	25°4	12°15	T 20
F 21	17 59 5	0♏32'51	18°29	26°24	15°28	6°30	20°30	27°28	0°22	13°52	26°3	19°27	18°55	25°11	12°19	F 21
S 22	18 3 1	1°30'15	2♐37	25°54	16°30	7°3	20°24	27°29	0°21	13°52	26°5	19°25	18°52	25°17	12°23	S 22
S 23	18 6 58	2°27'39	16°18	25°26	17°31	7°36	20°17	27°31	0°20	13°51	26°6	19°24	18°49	25°24	12°27	S 23
M24	18 10 54	3°25'02	29°33	25°0	18°32	8°9	20°10	27°32	0°19	13°51	26°7	19°D24	18°46	25°30	12°32	M24
T 25	18 14 51	4°22'23	12♈24	24°37	19°33	8°42	20°3	27°34	0°18	13°51	26°9	19°24	18°43	25°37	12°36	T 25
W26	18 18 47	5°19'44	24°55	24°18	20°33	9°16	19°55	27°35	0°17	13°50	26°10	19°25	18°39	25°44	12°40	W26
T 27	18 22 44	6°17'03	7♋9	24°2	21°34	9°49	19°48	27°36	0°16	13°50	26°12	19°26	18°36	25°50	12°44	T 27
F 28	18 26 40	7°14'22	19°11	23°50	22°33	10°23	19°41	27°37	0°15	13°50	26°13	19°27	18°33	25°57	12°48	F 28
S 29	18 30 37	8°11'41	1♈5	23°43	23°33	10°56	19°34	27°38	0°14	13°49	26°15	19°29	18°30	26°4	12°52	S 29
S 30	18 34 34	9♏8'58	12♋54	23°D40	24♌32	11♐30	19♏26	27♋39	0♋13	13♋49	26♏16	19♐30	18♐27	26♋10	12♐56	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	22n 4	15s53	2n26	24n43	1n22	23n40	2n28	14n17	1n31	21s27	0n 3	3s 4	1s53	11s57	0s45	6s57	0s39	20n 7	0s51	22n56	22n59	23s26	17n50	4s12	
S 2	22 11	19 29	1 25	24 31	1 11	23 28	2 28	14 6	1 30	21 28	0 3	3 3	1 53	11 57	0 45	6 57	0 39	20 6	0 51	22 56	22 58	23 27	17 50	4 12	
M 3	22 19	22 17	0 20	24 18	0 58	23 16	2 28	13 54	1 29	21 29	0 3	3 2	1 53	11 57	0 45	6 57	0 40	20 6	0 51	22 56	22 58	23 28	17 51	4 12	
T 4	22 26	24 5	0s45	24 5	0 45	23 3	2 28	13 43	1 28	21 29	0 3	3 1	1 53	11 57	0 45	6 57	0 40	20 6	0 51	22 56	22 58	23 30	17 51	4 13	
W 5	22 32	24 50	1 49	23 51	0 30	22 50	2 28	13 31	1 27	21 30	0 3	3 0	1 54	11 57	0 45	6 57	0 40	20 6	0 51	22 56	22 58	23 31	17 52	4 13	
T 6	22 38	24 26	2 48	23 36	0 15	22 36	2 28	13 19	1 26	21 31	0 3	2 59	1 54	11 58	0 45	6 56	0 40	20 6	0 50	22 56	22 57	23 32	17 52	4 13	
F 7	22 44	22 56	3 40	23 20	0s 0	22 21	2 27	13 7	1 25	21 32	0 3	2 58	1 54	11 58	0 45	6 56	0 40	20 6	0 50	22 56	22 57	23 33	17 53	4 13	
S 8	22 49	20 22	4 23	23 4	0 16	22 6	2 27	12 55	1 24	21 33	0 3	2 57	1 54	11 58	0 45	6 56	0 40	20 5	0 50	22 56	22 57	23 35	17 53	4 13	
S 9	22 54	16 52	4 55	22 47	0 33	21 51	2 26	12 43	1 23	21 34	0 3	2 56	1 55	11 58	0 45	6 56	0 40	20 5	0 50	22 56	22 57	23 36	17 54	4 13	
M10	22 59	12 33	5 14	22 30	0 50	21 35	2 25	12 31	1 22	21 35	0 2	2 55	1 55	11 58	0 45	6 56	0 40	20 5	0 50	22 56	22 56	23 37	17 54	4 13	
T 11	23 3	7 35	5 17	22 13	1 8	21 18	2 24	12 19	1 21	21 36	0 2	2 54	1 55	11 58	0 45	6 56	0 40	20 5	0 50	22 56	22 56	23 38	17 55	4 13	
W12	23 6	2 8	5 4	21 56	1 25	21 1	2 23	12 7	1 20	21 37	0 2	2 54	1 55	11 58	0 45	6 56	0 40	20 5	0 50	22 56	22 56	23 39	17 55	4 13	
T 13	23 10	3n35	4 34	21 38	1 43	20 44	2 22	11 54	1 19	21 38	0 2	2 53	1 56	11 58	0 45	6 56	0 40	20 5	0 50	22 56	22 56	23 40	17 56	4 13	
F 14	23 13	9 19	3 46	21 21	2 0	20 26	2 21	11 42	1 18	21 39	0 2	2 52	1 56	11 59	0 45	6 56	0 40	20 4	0 50	22 56	22 55	23 42	17 56	4 14	
S 15	23 15	14 44	2 43	21 4	2 17	20 8	2 19	11 29	1 17	21 40	0 2	2 51	1 56	11 59	0 45	6 56	0 40	20 4	0 50	22 56	22 55	23 43	17 56	4 14	
S 16	23 17	19 22	1 27	20 48	2 33	19 49	2 18	11 17	1 16	21 41	0 2	2 51	1 56	11 59	0 45	6 56	0 40	20 4	0 50	22 56	22 55	23 44	17 57	4 14	
M17	23 19	22 48	0 4	20 31	2 49	19 30	2 16	11 4	1 15	21 42	0 1	2 50	1 57	11 59	0 45	6 56	0 40	20 4	0 50	22 56	22 55	23 45	17 57	4 14	
T 18	23 20	24 37	1n19	20 16	3 4	19 11	2 14	10 51	1 14	21 43	0 1	2 50	1 57	12 0	0 45	6 56	0 40	20 4	0 50	22 56	22 54	23 46	17 58	4 14	
W19	23 21	24 36	2 37	20 1	3 19	18 51	2 12	10 38	1 13	21 44	0 1	2 49	1 57	12 0	0 45	6 56	0 40	20 4	0 50	22 56	22 54	23 47	17 58	4 14	
T 20	23 21	22 48	3 42	19 47	3 32	18 31	2 10	10 25	1 13	21 46	0 1	2 49	1 57	12 0	0 45	6 56	0 40	20 3	0 49	22 56	22 54	23 48	17 59	4 14	
F 21	23 21	19 32	4 32	19 35	3 44	18 10	2 8	10 12	1 12	21 47	0 1	2 48	1 58	12 1	0 45	6 57	0 40	20 3	0 49	22 56	22 54	23 50	17 59	4 14	
S 22	23 21	15 13	5 4	19 23	3 54	17 49	2 5	9 59	1 11	21 48	0 1	2 48	1 58	12 1	0 45	6 57	0 40	20 3	0 49	22 56	22 53	23 51	17 59	4 15	
S 23	23 20	10 15	5 17	19 13	4 4	17 28	2 2	9 46	1 10	21 49	0 1	2 47	1 58	12 1	0 45	6 57	0 40	20 3	0 49	22 56	22 53	23 52	18 0	4 15	
M24	23 19	4 57	5 12	19 4	4 12	17 7	2 0	9 33	1 9	21 50	0 1	2 47	1 58	12 2	0 45	6 57	0 40	20 3	0 49	22 56	22 53	23 53	18 0	4 15	
T 25	23 17	0s24	4 52	18 56	4 19	16 45	1 57	9 20	1 8	21 51	0 0	2 47	1 59	12 2	0 45	6 57	0 40	20 2	0 49	22 56	22 52	23 54	18 0	4 15	
W26	23 15	5 36	4 18	18 50	4 24	16 23	1 54	9 6	1 7	21 52	0 0	2 47	1 59	12 2	0 45	6 57	0 40	20 2	0 49	22 56	22 52	23 55	18 1	4 15	
T 27	23 12	10 29	3 33	18 45	4 28	16 1	1 51	8 53	1 6	21 54	0 0	2 46	1 59	12 3	0 46	6 57	0 40	20 2	0 49	22 56	22 52	23 56	18 1	4 15	
F 28	23 9	14 53	2 40	18 42	4 30	15 38	1 47	8 39	1 5	21 55	0 0	2 46	1 59	12 3	0 46	6 58	0 40	20 2	0 49	22 56	22 52	23 57	18 1	4 16	
S 29	23 6	18 40	1 40	18 41	4 32	15 15	1 44	8 26	1 4	21 56	0s 0	2 46	2 0	12 4	0 46	6 58	0 40	20 1	0 49	22 56	22 51	23 58	18 2	4 16	
S 30	23n 2	21s40	0n36	18n41	4s32	14n52	1n40	8n12	1n 4	21s57	0s 0	2s46	2s 0	12s 4	0s46	6s58	0s40	20n 1	0s49	22n56	22n51	23s59	18n 2	4s16	

## ASTRODIENST EPHEMERIS for the year 2672

JULY 2672

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	18 38 30	10°56'15	24°41'41	23°41'41	25°02'30	12°04'41	19°19'19	27°41'40	0°12'12	13°48'48	26°18'18	19°30'30	18°22'23	26°17'17	13°11'11	M 1
T 2	18 42 27	11° 3'32	6°32'29	23°47'29	26°28'28	12°38'38	19°31'31	27°40'40	0°10'10	13°48'48	26°19'19	19°32'32	18°20'20	26°24'24	13° 4' 4	T 2
W 3	18 46 23	12° 0'48	12°58'03	23°58'03	27°26'26	13°12'12	19° 4' 4	27°41'41	0° 9' 9	13°47'47	26°21'21	19°27'27	18°17'17	26°30'30	13° 8' 8	W 3
T 4	18 50 20	12°58'03	0°48'19	24°13'13	28°23'23	13°46'46	18°56'56	27°41'41	0° 8' 8	13°47'47	26°22'22	19°24'24	18°14'14	26°37'37	13°12'12	T 4
F 5	18 54 16	13°55'18	12°24'24	24°33'33	29°20'20	14°20'20	18°49'49	27°42'42	0° 6' 6	13°46'46	26°24'24	19°20'20	18°11'11	26°44'44	13°16'16	F 5
S 6	18 58 13	14°52'33	24°38'38	24°58'58	0°16'16	14°54'54	18°41'41	27°42'42	0° 5' 5	13°46'46	26°25'25	19°16'16	18° 8' 8	26°50'50	13°20'20	S 6
S 7	19 2 9	15°49'48	7°41'41	25°28'28	1°12'12	15°29'29	18°33'33	27°42'42	0° 4' 4	13°45'45	26°27'27	19°12'12	18° 4' 4	26°57'57	13°24'24	S 7
M 8	19 6 6	16°47'03	19°44'44	26° 2' 2	2° 8' 8	16° 3' 3	18°26'26	27°42'42	0° 2' 2	13°44'44	26°28'28	19° 9' 9	18° 1' 1	27° 4' 4	13°28'28	M 8
T 9	19 10 3	17°44'17	2°44'44	26°40'40	3° 3' 3	16°38'38	18°18'18	27°42'42	0° 0' 0	13°44'44	26°30'30	19° 7' 7	17°58'58	27°10'10	13°31'31	T 9
W10	19 13 59	18°41'32	15°54'54	27°24'24	3°57'57	17°12'12	18°10'10	27°42'42	29°55'55	13°43'43	26°31'31	19°D 6	17°55'55	27°17'17	13°35'35	W10
T 11	19 17 56	19°38'47	29°29'29	28°12'12	4°51'51	17°47'47	18° 2' 2	27°42'42	29°57'57	13°42'42	26°33'33	19° 6' 6	17°52'52	27°23'23	13°39'39	T 11
F 12	19 21 52	20°36'02	13°32'32	29° 4' 4	5°44'44	18°21'21	17°55'55	27°41'41	29°56'56	13°41'41	26°35'35	19° 7' 7	17°49'49	27°30'30	13°43'43	F 12
S 13	19 25 49	21°33'17	27°44'44	0°58'58	6°36'36	18°56'56	17°47'47	27°41'41	29°54'54	13°40'40	26°36'36	19° 8' 8	17°45'45	27°37'37	13°46'46	S 13
S 14	19 29 45	22°30'32	12°12'12	1° 1' 1	7°29'29	19°31'31	17°39'39	27°40'40	29°52'52	13°40'40	26°38'38	19°R10	17°42'42	27°43'43	13°50'50	S 14
M15	19 33 42	23°27'48	27°16'16	2° 6' 6	8°20'20	20° 6' 6	17°32'32	27°40'40	29°51'51	13°39'39	26°39'39	19° 9' 9	17°39'39	27°50'50	13°54'54	M15
T 16	19 37 38	24°25'04	12°59'59	3°16'16	9°11'11	20°41'41	17°24'24	27°39'39	29°49'49	13°38'38	26°41'41	19° 8' 8	17°36'36	27°57'57	13°57'57	T 16
W17	19 41 35	25°22'20	27°22'22	4°29'29	10° 1' 1	21°16'16	17°17'17	27°38'38	29°47'47	13°37'37	26°42'42	19° 5' 5	17°33'33	28° 3' 3	14° 1' 1	W17
T 18	19 45 32	26°19'35	12°02'02	5°46'46	10°50'50	21°51'51	17° 9' 9	27°37'37	29°45'45	13°36'36	26°44'44	19° 0' 0	17°29'29	28°10'10	14° 4' 4	T 18
F 19	19 49 28	27°16'51	26°55'55	7° 8' 8	11°39'39	22°27'27	17° 2' 2	27°36'36	29°43'43	13°35'35	26°45'45	18°54'54	17°26'26	28°17'17	14° 8' 8	F 19
S 20	19 53 25	28°14'06	11°11'11	8°33'33	12°27'27	23° 2' 2	16°54'54	27°35'35	29°41'41	13°34'34	26°47'47	18°48'48	17°23'23	28°23'23	14°11'11	S 20
S 21	19 57 21	29°11'22	24°58'58	10° 3' 3	13°14'14	23°37'37	16°47'47	27°34'34	29°39'39	13°33'33	26°48'48	18°43'43	17°20'20	28°30'30	14°15'15	S 21
M22	20 1 18	0°02'18	8°41'18	11°36'36	14° 0' 0	24°13'13	16°39'39	27°32'32	29°37'37	13°32'32	26°50'50	18°40'40	17°17'17	28°37'37	14°18'18	M22
T 23	20 5 14	1° 5'52	21°11'11	13°13'13	14°45'45	24°48'48	16°32'32	27°31'31	29°35'35	13°31'31	26°52'52	18°38'38	17°14'14	28°43'43	14°21'21	T 23
W24	20 9 11	2° 3'07	3°14'14	14°53'53	15°30'30	25°24'24	16°25'25	27°29'29	29°33'33	13°30'30	26°53'53	18°D37	17°10'10	28°50'50	14°25'25	W24
T 25	20 13 7	3° 0'23	15°55'55	16°37'37	16°14'14	26° 0' 0	16°18'18	27°28'28	29°31'31	13°28'28	26°55'55	18°38'38	17° 7' 7	28°57'57	14°28'28	T 25
F 26	20 17 4	3°57'38	27°54'54	18°25'25	16°56'56	26°35'35	16°11'11	27°26'26	29°29'29	13°27'27	26°56'56	18°39'39	17° 4' 4	29° 3' 3	14°31'31	F 26
S 27	20 21 1	4°54'53	9°45'45	20°15'15	17°38'38	27°11'11	16° 4' 4	27°24'24	29°27'27	13°26'26	26°58'58	18°40'40	17° 1' 1	29°10'10	14°34'34	S 27
S 28	20 24 57	5°52'08	21°32'32	22° 8' 8	18°19'19	27°47'47	15°57'57	27°22'22	29°25'25	13°25'25	26°59'59	18°R41	16°58'58	29°16'16	14°38'38	S 28
M29	20 28 54	6°49'24	3°30'30	24° 4' 4	18°58'58	28°23'23	15°50'50	27°20'20	29°23'23	13°24'24	27° 1' 1	18°40'40	16°55'55	29°23'23	14°41'41	M29
T 30	20 32 50	7°46'40	15°12'12	26° 3' 3	19°37'37	28°59'59	15°44'44	27°18'18	29°21'21	13°22'22	27° 2' 2	18°36'36	16°51'51	29°30'30	14°44'44	T 30
W31	20 36 47	8°043'56	27°31'31	28°54'54	20°14'14	29°13'13	15°37'37	27°16'16	29°19'19	13°21'21	27°54'54	18°13'13	16°11'11	29°36'36	14°47'47	W31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	22n58	23s43	0s29	18n42	4s30	14n29	1n36	7n59	1n 3	21s58	0s 0	2s46	2s 0	12s 5	0s46	M 1
T 2	22 54	24 44	1 32	18 45	4 28	14 5	1 32	7 45	1 2	22 0	0 1	2 46	2 0	12 5	0 46	T 2
W 3	22 49	24 37	2 32	18 49	4 24	13 42	1 28	7 31	1 1	22 1	0 1	2 46	2 1	12 5	0 46	W 3
T 4	22 43	23 22	3 26	18 55	4 19	13 18	1 24	7 17	1 0	22 2	0 1	2 46	2 1	12 6	0 46	T 4
F 5	22 38	21 2	4 11	19 1	4 14	12 54	1 19	7 3	0 59	22 3	0 1	2 46	2 1	12 6	0 46	F 5
S 6	22 32	17 45	4 45	19 9	4 7	12 30	1 14	6 49	0 58	22 4	0 1	2 46	2 1	12 7	0 46	S 6
S 7	22 25	13 38	5 7	19 17	3 59	12 5	1 9	6 35	0 58	22 6	0 1	2 46	2 2	12 8	0 46	S 7
M 8	22 18	8 51	5 14	19 27	3 51	11 41	1 4	6 21	0 57	22 7	0 1	2 47	2 2	12 8	0 46	M 8
T 9	22 11	3 37	5 5	19 37	3 42	11 16	0 59	6 7	0 56	22 8	0 1	2 47	2 2	12 9	0 46	T 9
W10	22 3	1n55	4 40	19 47	3 32	10 52	0 54	5 53	0 55	22 9	0 2	2 47	2 2	12 9	0 46	W10
T 11	21 55	7 31	3 59	19 58	3 22	10 27	0 48	5 39	0 54	22 10	0 2	2 47	2 3	12 10	0 46	T 11
F 12	21 47	12 54	3 3	20 10	3 11	10 2	0 43	5 25	0 54	22 11	0 2	2 48	2 3	12 10	0 46	F 12
S 13	21 38	17 43	1 55	20 21	3 0	9 37	0 37	5 10	0 53	22 13	0 2	2 48	2 3	12 11	0 46	S 13
S 14	21 29	21 35	0 37	20 33	2 48	9 12	0 31	4 56	0 52	22 14	0 2	2 49	2 3	12 12	0 46	S 14
M15	21 19	24 4	0n44	20 44	2 36	8 47	0 24	4 41	0 51	22 15	0 2	2 49	2 4	12 12	0 46	M15
T 16	21 9	24 50	2 3	20 55	2 23	8 23	0 18	4 27	0 50	22 16	0 2	2 50	2 4	12 13	0 46	T 16
W17	20 59	23 46	3 13	21 6	2 11	7 58	0 11	4 12	0 49	22 17	0 3	2 50	2 4	12 14	0 46	W17
T 18	20 49	21 3	4 10	21 16	1 58	7 33	0 4	3 58	0 49	22 18	0 3	2 51	2 4	12 14	0 46	T 18
F 19	20 38	17 0	4 48	21 25	1 45	7 8	0s 3	3 43	0 48	22 19	0 3	2 52	2 5	12 15	0 46	F 19
S 20	20 26	12 6	5 8	21 33	1 31	6 43	0 10	3 29	0 47	22 20	0 3	2 52	2 5	12 16	0 46	S 20
S 21	20 15	6 43	5 9	21 41	1 18	6 18	0 17	3 14	0 46	22 21	0 3	2 53	2 5	12 16	0 46	S 21
M22	20 3	1 13	4 53	21 46	1 5	5 53	0 25	2 59	0 45	22 22	0 3	2 54	2 5	12 17	0 46	M22
T 23	19 51	4s11	4 22	21 50	0 52	5 29	0 33	2 44	0 45	22 23	0 3	2 54	2 6	12 18	0 46	T 23
W24	19 38	9 15	3 40	21 53	0 39	5 4	0 41	2 30	0 44	22 24	0 3	2 55	2 6	12 19	0 46	W24
T 25	19 25	13 51	2 48	21 54	0 26	4 40	0 49	2 15	0 43	22 25	0 4	2 56	2 6	12 19	0 46	T 25
F 26	19 12	17 50	1 50	21 52	0 13	4 15	0 57	2 0	0 42	22 26	0 4	2 57	2 6	12 20	0 46	F 26
S 27	18 58	21 2	0 48	21 49	0 1	3 51	1 6	1 45	0 42	22 27	0 4	2 58	2 7	12 21	0 46	S 27
S 28	18 44	23 20	0s15	21 43	0n11	3 27	1 15	1 30	0 41	22 28	0 4	2 59	2 7	12 22	0 46	S 28
M29	18 30	24 37	1 18	21 35	0 22	3 4	1 24	1 15	0 40	22 29	0 4	3 0	2 7	12 22	0 46	M29
T 30	18 15	24 47	2 18	21 24	0 33	2 40	1 33	1 0	0 39	22 30	0 4	3 1	2 7	12 23	0 46	T 30
W31	18n 1	23s47	3s12	21n10	0n43	2n17	1s43	0n45	0n39	22s31	0s 4	3s 2	2s 7	12s24	0s46	W31

Julian Day Number = 2697169.5, Delta T = 25m12s

Ecliptic obliquity = 23°21'08, Nutation = - 0°00'16

Ayanamsha: Fagan/Bradley = 34°08'52, Lahiri = 33°15'52

## ASTRODIENST EPHEMERIS for the year 2672

AUGUST 2672

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 40 43	9♂41'13	9♂19	0♂ 6	20♂50	0♂11	15°R31	27°R14	29°R16	13°R20	27° 5	18°R23	16♂45	29♂43	14♂50	T 1
F 2	20 44 40	10°38'30	21°37	2°10	21°25	0°47	15♂24	27♂11	29♂14	13♂19	27° 7	18♂15	16°42	29°50	14°53	F 2
S 3	20 48 37	11°35'48	4♂ 6	4°16	21°58	1°24	15°18	27° 9	29°12	13°17	27° 9	18° 5	16°39	29°56	14°55	S 3
S 4	20 52 33	12°33'06	16°47	6°22	22°31	2° 0	15°12	27° 7	29°10	13°16	27°10	17°56	16°35	0♂ 3	14°58	S 4
M 5	20 56 30	13°30'25	29°41	8°28	23° 1	2°36	15° 6	27° 4	29° 7	13°15	27°12	17°48	16°32	0°10	15° 1	M 5
T 6	21 0 26	14°27'45	12♂47	10°35	23°31	3°13	15° 0	27° 1	29° 5	13°13	27°13	17°42	16°29	0°16	15° 4	T 6
W 7	21 4 23	15°25'05	26° 7	12°42	23°59	3°49	14°54	26°59	29° 3	13°12	27°15	17°38	16°26	0°23	15° 6	W 7
T 8	21 8 19	16°22'27	9♂41	14°49	24°25	4°26	14°49	26°56	29° 1	13°10	27°16	17°36	16°23	0°30	15° 9	T 8
F 9	21 12 16	17°19'50	23°31	16°55	24°50	5° 3	14°43	26°53	28°58	13° 9	27°17	17°D36	16°20	0°36	15°12	F 9
S 10	21 16 12	18°17'13	7♂37	19° 1	25°13	5°40	14°38	26°50	28°56	13° 8	27°19	17°37	16°16	0°43	15°14	S 10
S 11	21 20 9	19°14'38	21°58	21° 5	25°34	6°16	14°33	26°47	28°54	13° 6	27°20	17°R37	16°13	0°50	15°17	S 11
M12	21 24 6	20°12'04	6♂32	23° 9	25°54	6°53	14°28	26°44	28°51	13° 5	27°22	17°36	16°10	0°56	15°19	M12
T 13	21 28 2	21° 9'31	21°15	25°11	26°12	7°30	14°23	26°40	28°49	13° 3	27°23	17°32	16° 7	1° 3	15°22	T 13
W14	21 31 59	22° 7'00	6♂ 1	27°12	26°27	8° 7	14°18	26°37	28°47	13° 2	27°25	17°26	16° 4	1°10	15°24	W14
T 15	21 35 55	23° 4'29	20°43	29°12	26°41	8°44	14°14	26°34	28°44	13° 0	27°26	17°17	16° 1	1°16	15°26	T 15
F 16	21 39 52	24° 1'58	5♂12	1♂10	26°53	9°21	14° 9	26°30	28°42	12°59	27°28	17° 7	15°57	1°23	15°28	F 16
S 17	21 43 48	24°59'29	19°23	3° 7	27° 3	9°59	14° 5	26°27	28°39	12°57	27°29	16°57	15°54	1°29	15°31	S 17
S 18	21 47 45	25°57'01	3♂ 9	5° 2	27°11	10°36	14° 1	26°23	28°37	12°56	27°30	16°47	15°51	1°36	15°33	S 18
M19	21 51 41	26°54'33	16°30	6°56	27°16	11°13	13°57	26°20	28°35	12°54	27°32	16°39	15°48	1°43	15°35	M19
T 20	21 55 38	27°52'06	29°25	8°49	27°20	11°51	13°53	26°16	28°32	12°52	27°33	16°34	15°45	1°49	15°37	T 20
W21	21 59 34	28°49'40	11♂58	10°39	27°R21	12°28	13°50	26°12	28°30	12°51	27°35	16°31	15°41	1°56	15°39	W21
T 22	22 3 31	29°47'15	24°11	12°29	27°19	13° 6	13°46	26° 8	28°27	12°49	27°36	16°29	15°38	2° 3	15°41	T 22
F 23	22 7 28	0♂44'50	6♂11	14°16	27°16	13°43	13°43	26° 5	28°25	12°48	27°37	16°D29	15°35	2° 9	15°42	F 23
S 24	22 11 24	1°42'27	18° 2	16° 3	27°10	14°21	13°40	26° 1	28°23	12°46	27°39	16°R30	15°32	2°16	15°44	S 24
S 25	22 15 21	2°40'05	29°50	17°47	27° 1	14°59	13°37	25°57	28°20	12°44	27°40	16°29	15°29	2°23	15°46	S 25
M26	22 19 17	3°37'43	11♂40	19°31	26°50	15°36	13°35	25°53	28°18	12°43	27°41	16°26	15°26	2°29	15°48	M26
T 27	22 23 14	4°35'23	23°36	21°12	26°37	16°14	13°32	25°49	28°16	12°41	27°43	16°21	15°22	2°36	15°49	T 27
W28	22 27 10	5°33'03	5♂42	22°53	26°21	16°52	13°30	25°45	28°13	12°40	27°44	16°14	15°19	2°43	15°51	W28
T 29	22 31 7	6°30'45	18° 1	24°32	26° 4	17°30	13°28	25°40	28°11	12°38	27°45	16° 4	15°16	2°49	15°52	T 29
F 30	22 35 3	7°28'27	0♂34	26° 9	25°43	18° 8	13°26	25°36	28° 8	12°36	27°46	15°52	15°13	2°56	15°54	F 30
S 31	22 39 0	8♂26'11	13♂21	27♂45	25♂21	18♂46	13♂24	25♂32	28♂ 6	12♂35	27♂48	15♂39	15♂10	3♂ 3	15♂55	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	17n46	21s41	3s58	20n54	0n52	1n54	1s52	0n30	0n38	22s32	0s 5	3s 3	2s 8	12s25	0s46	T 1
F 2	17 30	18 34	4 34	20 36	1 1	1 31	2 2	0 15	0 37	22 33	0 5	3 4	2 8	12 25	0 46	F 2
S 3	17 15	14 34	4 57	20 14	1 9	1 9	2 12	0 0	0 36	22 33	0 5	3 5	2 8	12 26	0 46	S 3
S 4	16 59	9 53	5 6	19 51	1 16	0 47	2 22	0s15	0 36	22 34	0 5	3 7	2 8	12 27	0 47	S 4
M 5	16 42	4 42	4 59	19 25	1 23	0 25	2 33	0 30	0 35	22 35	0 5	3 8	2 9	12 28	0 47	M 5
T 6	16 26	0n46	4 37	18 56	1 28	0 4	2 43	0 45	0 34	22 36	0 5	3 9	2 9	12 29	0 47	T 6
W 7	16 9	6 19	4 0	18 25	1 33	0s17	2 54	1 0	0 33	22 37	0 5	3 10	2 9	12 29	0 47	W 7
T 8	15 52	11 41	3 8	17 53	1 37	0 37	3 5	1 15	0 33	22 37	0 5	3 12	2 9	12 30	0 47	T 8
F 9	15 35	16 34	2 5	17 18	1 40	0 57	3 16	1 31	0 32	22 38	0 6	3 13	2 9	12 31	0 47	F 9
S 10	15 18	20 38	0 53	16 42	1 43	1 17	3 27	1 46	0 31	22 39	0 6	3 14	2 10	12 32	0 47	S 10
S 11	15 0	23 30	0n23	16 4	1 45	1 36	3 39	2 1	0 30	22 39	0 6	3 16	2 10	12 33	0 47	S 11
M12	14 42	24 51	1 39	15 25	1 45	1 54	3 51	2 16	0 30	22 40	0 6	3 17	2 10	12 34	0 47	M12
T 13	14 24	24 28	2 49	14 44	1 46	2 12	4 2	2 31	0 29	22 41	0 6	3 19	2 10	12 34	0 47	T 13
W14	14 5	22 23	3 48	14 3	1 45	2 29	4 14	2 47	0 28	22 41	0 6	3 20	2 10	12 35	0 47	W14
T 15	13 47	18 49	4 31	13 20	1 44	2 46	4 26	3 2	0 27	22 42	0 6	3 22	2 11	12 36	0 47	T 15
F 16	13 28	14 10	4 57	12 37	1 42	3 2	4 38	3 17	0 27	22 43	0 6	3 23	2 11	12 37	0 47	F 16
S 17	13 9	8 50	5 3	11 53	1 40	3 17	4 50	3 32	0 26	22 43	0 6	3 25	2 11	12 38	0 47	S 17
S 18	12 49	3 12	4 51	11 8	1 37	3 31	5 3	3 48	0 25	22 44	0 7	3 26	2 11	12 39	0 47	S 18
M19	12 30	2s25	4 23	10 23	1 34	3 44	5 15	4 3	0 25	22 44	0 7	3 28	2 11	12 39	0 47	M19
T 20	12 10	7 45	3 43	9 38	1 30	3 57	5 27	4 18	0 24	22 45	0 7	3 29	2 11	12 40	0 47	T 20
W21	11 50	12 38	2 53	8 52	1 26	4 9	5 40	4 33	0 23	22 45	0 7	3 31	2 12	12 41	0 47	W21
T 22	11 30	16 53	1 56	8 6	1 21	4 19	5 52	4 48	0 22	22 46	0 7	3 33	2 12	12 42	0 47	T 22
F 23	11 10	20 22	0 55	7 20	1 16	4 29	6 4	5 4	0 22	22 46	0 7	3 34	2 12	12 43	0 47	F 23
S 24	10 50	22 57	0s 8	6 34	1 10	4 38	6 16	5 19	0 21	22 46	0 7	3 36	2 12	12 44	0 47	S 24
S 25	10 29	24 31	1 10	5 48	1 5	4 45	6 28	5 34	0 20	22 47	0 7	3 38	2 12	12 44	0 47	S 25
M26	10 8	24 59	2 9	5 2	0 58	4 52	6 40	5 49	0 20	22 47	0 7	3 40	2 12	12 45	0 47	M26
T 27	9 48	24 18	3 3	4 16	0 52	4 57	6 51	6 4	0 19	22 48	0 8	3 41	2 13	12 46	0 47	T 27
W28	9 27	22 29	3 49	3 30	0 45	5 1	7 2	6 19	0 18	22 48	0 8	3 43	2 13	12 47	0 47	W28
T 29	9 5	19 35	4 26	2 45	0 38	5 4	7 13	6 35	0 18	22 48	0 8	3 45	2 13	12 48	0 47	T 29
F 30	8 44	15 45	4 50	2 0	0 31	5 6	7 24	6 50	0 17	22 49	0 8	3 47	2 13	12 48	0 47	F 30
S 31	8n23	11s 8	5s 0	1n15	0n23	5s 6	7s33	7s 5	0n16	22s49	0s 8	3s48	2s13	12s49	0s47	S 31

Julian Day Number = 2697200.5, Delta T = 25m12s

Ecliptic obliquity = 23°21'09, Nutation = - 0°00'15

Ayanamsha: Fagan/Bradley = 34°08'57, Lahiri = 33°15'56

## ASTRODIENST EPHEMERIS for the year 2672

SEPTEMBER 2672

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 42 57	9♍23'57	26♋23	29♍20	24°R56	19♍24	13°R22	25°R28	28°R 4	12°R33	27♍49	15°R27	15♍6	3♍9	15♍56	S 1
M 2	22 46 53	10°21'44	9♍37	0♍53	24♍30	20° 3	13♍21	25♋23	28♋1	12♋31	27°50	15♍15	15° 3	3°16	15°58	M 2
T 3	22 50 50	11°19'32	23° 2	2°25	24° 1	20°41	13°20	25°19	27°59	12°30	27°51	15° 7	15° 0	3°23	15°59	T 3
W 4	22 54 46	12°17'22	6♋38	3°55	23°31	21°19	13°19	25°15	27°57	12°28	27°52	15° 1	14°57	3°29	16° 0	W 4
T 5	22 58 43	13°15'14	20°22	5°24	22°59	21°58	13°18	25°10	27°55	12°27	27°54	14°58	14°54	3°36	16° 1	T 5
F 6	23 2 39	14°13'07	4♍15	6°51	22°26	22°36	13°17	25° 6	27°52	12°25	27°55	14°57	14°51	3°42	16° 2	F 6
S 7	23 6 36	15°11'02	18°16	8°18	21°51	23°15	13°17	25° 1	27°50	12°23	27°56	14°56	14°47	3°49	16° 3	S 7
S 8	23 10 32	16° 8'59	2♍25	9°42	21°16	23°53	13°17	24°57	27°48	12°22	27°57	14°56	14°44	3°56	16° 4	S 8
M 9	23 14 29	17° 6'58	16°41	11° 5	20°40	24°32	13°D17	24°52	27°46	12°20	27°58	14°54	14°41	4° 2	16° 4	M 9
T 10	23 18 26	18° 4'59	1♍2	12°27	20° 3	25°11	13°17	24°48	27°43	12°18	27°59	14°50	14°38	4° 9	16° 5	T 10
W 11	23 22 22	19° 3'02	15°24	13°47	19°26	25°49	13°17	24°43	27°41	12°17	28° 0	14°42	14°35	4°16	16° 6	W 11
T 12	23 26 19	20° 1'06	29°42	15° 5	18°49	26°28	13°18	24°39	27°39	12°15	28° 1	14°33	14°32	4°22	16° 7	T 12
F 13	23 30 15	20°59'12	13♍50	16°22	18°12	27° 7	13°18	24°34	27°37	12°13	28° 2	14°21	14°28	4°29	16° 7	F 13
S 14	23 34 12	21°57'19	27°44	17°37	17°35	27°46	13°19	24°30	27°35	12°12	28° 3	14° 9	14°25	4°36	16° 8	S 14
S 15	23 38 8	22°55'29	11♍19	18°51	16°59	28°25	13°20	24°25	27°33	12°10	28° 4	13°58	14°22	4°42	16° 8	S 15
M 16	23 42 5	23°53'39	24°32	20° 2	16°24	29° 4	13°21	24°21	27°31	12° 9	28° 5	13°48	14°19	4°49	16° 8	M 16
T 17	23 46 1	24°51'52	7♍24	21°12	15°50	29°43	13°23	24°16	27°29	12° 7	28° 6	13°41	14°16	4°56	16° 9	T 17
W 18	23 49 58	25°50'05	19°54	22°19	15°17	0♍23	13°25	24°11	27°27	12° 5	28° 7	13°36	14°12	5° 2	16° 9	W 18
T 19	23 53 55	26°48'21	2♋7	23°25	14°45	1° 2	13°26	24° 7	27°25	12° 4	28° 8	13°34	14° 9	5° 9	16° 9	T 19
F 20	23 57 51	27°46'38	14° 7	24°28	14°15	1°41	13°28	24° 2	27°23	12° 2	28° 9	13°D34	14° 6	5°16	16° 9	F 20
S 21	0 1 48	28°44'56	25°58	25°29	13°47	2°21	13°31	23°58	27°21	12° 1	28°10	13°R34	14° 3	5°22	16°R 9	S 21
S 22	0 5 44	29°43'16	7♋37	26°27	13°21	3° 0	13°33	23°53	27°19	11°59	28°11	13°34	14° 0	5°29	16° 9	S 22
M 23	0 9 41	0♍41'37	19°38	27°22	12°57	3°40	13°36	23°49	27°17	11°58	28°12	13°32	13°57	5°36	16° 9	M 23
T 24	0 13 37	1°40'00	1♋38	28°15	12°35	4°19	13°38	23°44	27°15	11°56	28°12	13°28	13°53	5°42	16° 9	T 24
W 25	0 17 34	2°38'25	13°49	29° 5	12°15	4°59	13°41	23°40	27°13	11°55	28°13	13°22	13°50	5°49	16° 9	W 25
T 26	0 21 30	3°36'51	26°16	29°51	11°58	5°39	13°44	23°35	27°11	11°53	28°14	13°13	13°47	5°56	16° 8	T 26
F 27	0 25 27	4°35'19	9♋1	0♍33	11°43	6°19	13°48	23°31	27°10	11°52	28°15	13° 3	13°44	6° 2	16° 8	F 27
S 28	0 29 24	5°33'48	22° 5	1°12	11°30	6°58	13°51	23°26	27° 8	11°50	28°15	12°52	13°41	6° 9	16° 7	S 28
S 29	0 33 20	6°32'19	5♍27	1°47	11°20	7°38	13°55	23°22	27° 6	11°49	28°16	12°40	13°37	6°15	16° 7	S 29
M 30	0 37 17	7♍30'52	19♍4	2♍17	11♍12	8♍18	13♍59	23♋18	27♋5	11♋47	28♍17	12♍30	13♍34	6♍22	16♍6	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	8n 1	5s57	4s55	0n30	0n16	5s 5	7s43	7s20	0n16	22s49	0s 8	3s50	2s13	12s50	0s47	7s28
M 2	7 39	0 25	4 34	0s14	0 8	5 3	7 52	7 35	0 15	22 49	0 8	3 52	2 13	12 51	0 47	7 29
T 3	7 17	5n14	3 58	0 58	0s 0	4 59	8 0	7 50	0 14	22 50	0 8	3 54	2 13	12 52	0 47	7 29
W 4	6 56	10 43	3 8	1 41	0 8	4 54	8 8	8 5	0 13	22 50	0 8	3 56	2 14	12 52	0 47	7 30
T 5	6 33	15 45	2 6	2 24	0 17	4 48	8 15	8 20	0 13	22 50	0 8	3 57	2 14	12 53	0 47	7 31
F 6	6 11	20 0	0 56	3 6	0 25	4 41	8 21	8 35	0 12	22 50	0 9	3 59	2 14	12 54	0 47	7 31
S 7	5 49	23 8	0n18	3 48	0 34	4 32	8 26	8 49	0 11	22 50	0 9	4 1	2 14	12 55	0 47	7 32
S 8	5 27	24 51	1 31	4 29	0 42	4 23	8 31	9 4	0 11	22 50	0 9	4 3	2 14	12 55	0 47	7 33
M 9	5 4	24 57	2 39	5 9	0 51	4 12	8 34	9 19	0 10	22 50	0 9	4 5	2 14	12 56	0 47	7 33
T 10	4 42	23 24	3 38	5 49	1 0	4 0	8 37	9 34	0 9	22 50	0 9	4 7	2 14	12 57	0 47	7 34
W 11	4 19	20 20	4 23	6 28	1 8	3 47	8 39	9 48	0 9	22 51	0 9	4 9	2 14	12 58	0 47	7 35
T 12	3 56	16 4	4 51	7 7	1 17	3 34	8 40	10 3	0 8	22 51	0 9	4 10	2 14	12 58	0 47	7 35
F 13	3 34	10 57	5 1	7 44	1 26	3 20	8 39	10 18	0 7	22 51	0 9	4 12	2 14	12 59	0 47	7 36
S 14	3 11	5 22	4 52	8 21	1 35	3 5	8 38	10 32	0 7	22 51	0 9	4 14	2 14	13 0	0 47	7 36
S 15	2 48	0s21	4 28	8 57	1 44	2 49	8 37	10 47	0 6	22 51	0 9	4 16	2 14	13 1	0 46	7 37
M 16	2 25	5 55	3 49	9 32	1 52	2 33	8 34	11 1	0 5	22 51	0 10	4 18	2 14	13 1	0 46	7 38
T 17	2 2	11 6	2 59	10 6	2 1	2 17	8 30	11 16	0 5	22 51	0 10	4 20	2 15	13 2	0 46	7 38
W 18	1 39	15 41	2 2	10 40	2 9	2 0	8 25	11 30	0 4	22 50	0 10	4 22	2 15	13 3	0 46	7 39
T 19	1 16	19 31	1 0	11 12	2 18	1 43	8 20	11 44	0 3	22 50	0 10	4 23	2 15	13 3	0 46	7 39
F 20	0 53	22 28	0s 3	11 43	2 26	1 26	8 14	11 58	0 3	22 50	0 10	4 25	2 15	13 4	0 46	7 40
S 21	0 30	24 23	1 5	12 13	2 34	1 9	8 7	12 13	0 2	22 50	0 10	4 27	2 15	13 5	0 46	7 41
S 22	0 7	25 12	2 5	12 41	2 42	0 52	8 0	12 27	0 2	22 50	0 10	4 29	2 15	13 5	0 46	7 41
M 23	0s17	24 53	2 59	13 9	2 50	0 36	7 52	12 41	0 1	22 50	0 10	4 31	2 15	13 6	0 46	7 42
T 24	0 40	23 24	3 46	13 34	2 57	0 20	7 43	12 55	0 0	22 50	0 10	4 33	2 15	13 6	0 46	7 42
W 25	1 3	20 50	4 24	13 59	3 5	0 4	7 34	13 9	0s 0	22 49	0 10	4 34	2 15	13 7	0 46	7 43
T 26	1 26	17 15	4 50	14 22	3 11	0n12	7 24	13 22	0 1	22 49	0 10	4 36	2 15	13 8	0 46	7 44
F 27	1 49	12 49	5 2	14 43	3 18	0 27	7 14	13 36	0 2	22 49	0 10	4 38	2 15	13 8	0 46	7 44
S 28	2 12	7 42	4 59	15 2	3 24	0 41	7 4	13 50	0 2	22 49	0 11	4 40	2 15	13 9	0 46	7 45
S 29	2 35	2 7	4 39	15 19	3 29	0 55	6 53	14 3	0 3	22 48	0 11	4 41	2 15	13 9	0 46	7 45
M 30	2s58	3n40	4s 4	15s35	3s34	1n 8	6s42	14s17	0s 4	22s48	0s11	4s43	2s15	13s10	0s46	7s46

Julian Day Number = 2697231.5, Delta T = 25m13s

Ecliptic obliquity = 23°21'10", Nutation = - 0°00'16"

Ayanamsha: Fagan/Bradley = 34°09'01", Lahiri = 33°16'01"

## ASTRODIENST EPHEMERIS for the year 2672

OCTOBER 2672

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 41 13	8♂29°28	2♂54	2♂42	11°R 7	8♂58	14♂3 3	23°R13	27°R 3	11°R46	28♂17	12°R23	13♂31	6♂29	16°R 6	T 1
W 2	0 45 10	9°28'05	16°53	3° 2	11♂4	9°38	14° 7	23♂9	27°R 1	11♂44	28°18	12♂18	13°28	6°35	16♂5	W 2
T 3	0 49 6	10°26'44	0♂58	3°17	11°D 4	10°18	14°11	23° 5	27° 0	11°43	28°19	12°15	13°25	6°42	16° 4	T 3
F 4	0 53 3	11°25'25	15° 6	3°26	11° 6	10°59	14°16	23° 0	26°58	11°42	28°19	12°D15	13°22	6°49	16° 3	F 4
S 5	0 56 59	12°24'09	29°15	3°R28	11°10	11°39	14°20	22°56	26°57	11°40	28°20	12°15	13°18	6°55	16° 3	S 5
S 6	1 0 56	13°22'55	13♂23	3°23	11°16	12°19	14°25	22°52	26°56	11°39	28°21	12°R16	13°15	7° 2	16° 2	S 6
M 7	1 4 53	14°21'44	27°30	3°12	11°25	13° 0	14°30	22°48	26°54	11°38	28°21	12°15	13°12	7° 9	16° 1	M 7
T 8	1 8 49	15°20'34	11♂23	2°53	11°36	13°40	14°35	22°44	26°53	11°36	28°22	12°12	13° 9	7°15	16° 0	T 8
W 9	1 12 46	16°19'27	25°32	2°27	11°49	14°21	14°41	22°40	26°52	11°35	28°22	12° 7	13° 6	7°22	15°58	W 9
T 10	1 16 42	17°18'22	9♂24	1°53	12° 4	15° 1	14°46	22°36	26°50	11°34	28°23	12° 0	13° 3	7°29	15°57	T 10
F 11	1 20 39	18°17'19	23° 6	1°12	12°21	15°42	14°52	22°32	26°49	11°33	28°23	11°51	12°59	7°35	15°56	F 11
S 12	1 24 35	19°16'18	6♂36	0°24	12°40	16°23	14°58	22°28	26°48	11°31	28°23	11°42	12°56	7°42	15°55	S 12
S 13	1 28 32	20°15'19	19°50	29♂29	13° 1	17° 3	15° 4	22°25	26°47	11°30	28°24	11°33	12°53	7°49	15°53	S 13
M14	1 32 28	21°14'22	2♂48	28°29	13°24	17°44	15°10	22°21	26°46	11°29	28°24	11°26	12°50	7°55	15°52	M14
T 15	1 36 25	22°13'27	15°28	27°23	13°49	18°25	15°16	22°17	26°45	11°28	28°24	11°20	12°47	8° 2	15°50	T 15
W16	1 40 21	23°12'34	27°52	26°15	14°15	19° 6	15°23	22°14	26°44	11°27	28°25	11°17	12°43	8° 9	15°49	W16
T 17	1 44 18	24°11'43	10♂1	25° 5	14°43	19°47	15°29	22°10	26°43	11°26	28°25	11°D16	12°40	8°15	15°47	T 17
F 18	1 48 15	25°10'54	21°59	23°55	15°12	20°28	15°36	22° 7	26°42	11°24	28°25	11°17	12°37	8°22	15°46	F 18
S 19	1 52 11	26°10'07	3♂50	22°47	15°43	21° 9	15°43	22° 3	26°41	11°23	28°26	11°18	12°34	8°29	15°44	S 19
S 20	1 56 8	27° 9'21	15°38	21°43	16°15	21°51	15°50	22° 0	26°40	11°22	28°26	11°20	12°31	8°35	15°42	S 20
M21	2 0 4	28° 8'37	27°30	20°46	16°49	22°32	15°57	21°57	26°39	11°21	28°26	11°R20	12°28	8°42	15°40	M21
T 22	2 4 1	29° 7'55	9♂29	19°55	17°25	23°13	16° 5	21°53	26°39	11°20	28°26	11°20	12°24	8°49	15°38	T 22
W23	2 7 57	0♂7'15	21°40	19°14	18° 1	23°55	16°12	21°50	26°38	11°19	28°26	11°17	12°21	8°55	15°36	W23
T 24	2 11 54	1° 6'36	4♂10	18°43	18°39	24°36	16°20	21°47	26°37	11°18	28°27	11°13	12°18	9° 2	15°34	T 24
F 25	2 15 50	2° 5'59	16°59	18°22	19°18	25°18	16°28	21°44	26°37	11°18	28°27	11° 8	12°15	9° 9	15°32	F 25
S 26	2 19 47	3° 5'24	0♂12	18°D12	19°58	25°59	16°36	21°42	26°36	11°17	28°27	11° 1	12°12	9°15	15°30	S 26
S 27	2 23 44	4° 4'51	13°47	18°14	20°39	26°41	16°44	21°39	26°36	11°16	28°27	10°55	12° 9	9°22	15°28	S 27
M28	2 27 40	5° 4'19	27°43	18°26	21°22	27°22	16°52	21°36	26°35	11°15	28°27	10°50	12° 5	9°29	15°26	M28
T 29	2 31 37	6° 3'50	11♂57	18°49	22° 5	28° 4	17° 0	21°34	26°35	11°14	28°R27	10°45	12° 2	9°35	15°23	T 29
W30	2 35 33	7° 3'22	26°22	19°21	22°50	28°46	17° 9	21°31	26°35	11°14	28°27	10°43	11°59	9°42	15°21	W30
T 31	2 39 30	8♂2'57	10♂54	20♂3	23♂36	29♂28	17♂17	21♂29	26♂34	11♂13	28♂27	10°D42	11♂56	9♂49	15♂19	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	3s21	9n24	3s14	15s47	3s39	1n20	6s31	14s30	0s 4	22s48	0s11	4s45	2s15	13s10	0s46	T 1
W 2	3 44	14 44	2 11	15 58	3 42	1 32	6 19	14 43	0 5	22 47	0 11	4 46	2 15	13 11	0 46	W 2
T 3	4 7	19 18	1 0	16 6	3 45	1 43	6 8	14 57	0 5	22 47	0 11	4 48	2 15	13 11	0 46	T 3
F 4	4 30	22 47	0n15	16 10	3 47	1 53	5 56	15 10	0 6	22 47	0 11	4 50	2 15	13 12	0 46	F 4
S 5	4 53	24 51	1 30	16 12	3 48	2 2	5 44	15 23	0 7	22 46	0 11	4 51	2 15	13 12	0 46	S 5
S 6	5 16	25 19	2 39	16 10	3 48	2 11	5 32	15 36	0 7	22 46	0 11	4 53	2 15	13 13	0 46	S 6
M 7	5 39	24 9	3 38	16 5	3 47	2 19	5 21	15 49	0 8	22 45	0 11	4 55	2 15	13 13	0 46	M 7
T 8	6 1	21 28	4 23	15 56	3 44	2 25	5 9	16 1	0 9	22 45	0 11	4 56	2 15	13 14	0 46	T 8
W 9	6 24	17 34	4 53	15 43	3 39	2 31	4 57	16 14	0 9	22 44	0 11	4 58	2 14	13 14	0 46	W 9
T 10	6 46	12 44	5 5	15 25	3 33	2 37	4 45	16 26	0 10	22 44	0 11	4 59	2 14	13 15	0 46	T 10
F 11	7 9	7 19	5 0	15 4	3 26	2 41	4 34	16 39	0 10	22 43	0 12	5 1	2 14	13 15	0 46	F 11
S 12	7 31	1 39	4 38	14 38	3 16	2 44	4 22	16 51	0 11	22 43	0 12	5 2	2 14	13 15	0 46	S 12
S 13	7 53	4s 1	4 1	14 8	3 5	2 47	4 10	17 3	0 12	22 42	0 12	5 3	2 14	13 16	0 46	S 13
M14	8 15	9 23	3 12	13 34	2 52	2 49	3 59	17 15	0 12	22 41	0 12	5 5	2 14	13 16	0 46	M14
T 15	8 37	14 16	2 15	12 56	2 36	2 50	3 48	17 27	0 13	22 41	0 12	5 6	2 14	13 16	0 46	T 15
W16	8 59	18 27	1 12	12 16	2 20	2 51	3 37	17 39	0 13	22 40	0 12	5 8	2 14	13 17	0 46	W16
T 17	9 21	21 46	0 7	11 34	2 2	2 50	3 26	17 51	0 14	22 39	0 12	5 9	2 14	13 17	0 46	T 17
F 18	9 43	24 4	0s58	10 50	1 42	2 49	3 15	18 2	0 15	22 39	0 12	5 10	2 14	13 17	0 46	F 18
S 19	10 4	25 17	1 59	10 6	1 22	2 47	3 4	18 14	0 15	22 38	0 12	5 11	2 14	13 18	0 46	S 19
S 20	10 25	25 21	2 55	9 24	1 2	2 44	2 53	18 25	0 16	22 37	0 12	5 13	2 14	13 18	0 46	S 20
M21	10 47	24 15	3 44	8 43	0 41	2 41	2 43	18 36	0 16	22 36	0 12	5 14	2 14	13 18	0 46	M21
T 22	11 8	22 3	4 24	8 5	0 21	2 37	2 33	18 47	0 17	22 36	0 12	5 15	2 13	13 18	0 46	T 22
W23	11 28	18 51	4 53	7 31	0 1	2 32	2 23	18 58	0 18	22 35	0 12	5 16	2 13	13 18	0 46	W23
T 24	11 49	14 44	5 8	7 2	0n17	2 26	2 13	19 9	0 18	22 34	0 13	5 17	2 13	13 19	0 45	T 24
F 25	12 10	9 52	5 9	6 38	0 35	2 20	2 3	19 19	0 19	22 33	0 13	5 18	2 13	13 19	0 45	F 25
S 26	12 30	4 25	4 53	6 20	0 51	2 13	1 53	19 30	0 19	22 32	0 13	5 19	2 13	13 19	0 45	S 26
S 27	12 50	1n24	4 21	6 7	1 5	2 6	1 44	19 40	0 20	22 31	0 13	5 20	2 13	13 19	0 45	S 27
M28	13 10	7 18	3 33	6 0	1 18	1 57	1 35	19 50	0 21	22 30	0 13	5 21	2 13	13 19	0 45	M28
T 29	13 30	12 58	2 31	5 58	1 30	1 49	1 26	20 0	0 21	22 29	0 13	5 22	2 13	13 19	0 45	T 29
W30	13 49	18 1	1 18	6 1	1 39	1 39	1 17	20 10	0 22	22 28	0 13	5 23	2 13	13 19	0 45	W30
T 31	14s 8	22n 1	0n 1	6s 9	1n47	1n29	1s 8	20s20	0s22	22s27	0s13	5s24	2s12	13s19	0s45	T 31

Julian Day Number = 2697261.5, Delta T = 25m13s

Ecliptic obliquity = 23°21'10, Nutation = - 0°00'17

Ayanamsha: Fagan/Bradley = 34°09'05, Lahiri = 33°16'05

# ASTRODIENST EPHEMERIS for the year 2672

NOVEMBER 2672

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	2 43 26	9♉ 2°34	25♊ 27	20♋ 52	24♌ 22	0♍ 10	17♎ 26	21°R26	26°R34	11°R12	28°R27	10♏ 43	11♐ 53	9♑ 55	15°R16	F 1
S 2	2 47 23	10° 2'13	9♊ 55	21°49	25° 9	0°52	17°35	21°R24	26°R34	11°R11	28°R27	10°44	11°49	10° 2	15°R14	S 2
S 3	2 51 19	11° 1'55	24°15	22°53	25°58	1°34	17°44	21°22	26°34	11°11	28°26	10°46	11°46	10° 9	15°11	S 3
M 4	2 55 16	12° 1'39	8♊ 25	24° 3	26°47	2°16	17°53	21°20	26°34	11°10	28°26	10°R46	11°43	10°15	15° 9	M 4
T 5	2 59 13	13° 1'24	22°23	25°17	27°37	2°58	18° 2	21°18	26°D34	11°10	28°26	10°46	11°40	10°22	15° 6	T 5
W 6	3 3 9	14° 1'13	6♊ 7	26°36	28°28	3°40	18°12	21°16	26°34	11° 9	28°26	10°45	11°37	10°29	15° 4	W 6
T 7	3 7 6	15° 1'03	19°39	27°59	29°19	4°23	18°21	21°14	26°34	11° 9	28°26	10°42	11°34	10°35	15° 1	T 7
F 8	3 11 2	16° 0'55	2♋ 57	29°25	0♌ 12	5° 5	18°31	21°12	26°34	11° 8	28°26	10°38	11°30	10°42	14°58	F 8
S 9	3 14 59	17° 0'50	16° 1	0♌ 53	1° 5	5°48	18°40	21°11	26°34	11° 8	28°25	10°34	11°27	10°49	14°56	S 9
S 10	3 18 55	18° 0'46	28°52	2°24	1°58	6°30	18°50	21° 9	26°34	11° 7	28°25	10°31	11°24	10°55	14°53	S 10
M11	3 22 52	19° 0'45	11♊ 30	3°56	2°53	7°13	19° 0	21° 8	26°35	11° 7	28°25	10°28	11°21	11° 2	14°50	M11
T 12	3 26 48	20° 0'45	23°55	5°30	3°47	7°55	19°10	21° 7	26°35	11° 7	28°24	10°26	11°18	11° 9	14°47	T 12
W13	3 30 45	21° 0'48	6♋ 8	7° 4	4°43	8°38	19°20	21° 6	26°35	11° 6	28°24	10°D25	11°15	11°15	14°44	W13
T 14	3 34 42	22° 0'52	18°10	8°40	5°39	9°21	19°31	21° 4	26°36	11° 6	28°24	10°25	11°11	11°22	14°41	T 14
F 15	3 38 38	23° 0'58	0♋ 5	10°16	6°36	10° 4	19°41	21° 3	26°36	11° 6	28°23	10°26	11° 8	11°29	14°38	F 15
S 16	3 42 35	24° 1'05	11°54	11°53	7°33	10°46	19°52	21° 3	26°37	11° 5	28°23	10°27	11° 5	11°35	14°35	S 16
S 17	3 46 31	25° 1'14	23°42	13°30	8°31	11°29	20° 2	21° 2	26°37	11° 5	28°22	10°29	11° 2	11°42	14°32	S 17
M18	3 50 28	26° 1'25	5♋ 32	15° 7	9°29	12°12	20°13	21° 1	26°38	11° 5	28°22	10°30	10°59	11°49	14°29	M18
T 19	3 54 24	27° 1'37	17°30	16°45	10°28	12°55	20°24	21° 1	26°39	11° 5	28°21	10°31	10°55	11°55	14°26	T 19
W20	3 58 21	28° 1'51	29°39	18°22	11°27	13°38	20°35	21° 0	26°39	11° 5	28°21	10°R31	10°52	12° 2	14°23	W20
T 21	4 2 17	29° 2'06	12♋ 5	20° 0	12°27	14°22	20°46	21° 0	26°40	11° 5	28°20	10°31	10°49	12° 9	14°20	T 21
F 22	4 6 14	0♌ 2'22	24°51	21°37	13°27	15° 5	20°57	20°59	26°41	11°D 5	28°20	10°30	10°46	12°15	14°17	F 22
S 23	4 10 11	1° 2'40	8♌ 2	23°14	14°28	15°48	21° 8	20°59	26°42	11° 5	28°19	10°29	10°43	12°22	14°14	S 23
S 24	4 14 7	2° 2'59	21°38	24°51	15°29	16°31	21°19	20°D59	26°43	11° 5	28°19	10°28	10°40	12°29	14°11	S 24
M25	4 18 4	3° 3'20	5♌ 4	26°28	16°30	17°15	21°30	20°59	26°44	11° 5	28°18	10°27	10°36	12°35	14° 7	M25
T 26	4 22 0	4° 3'42	20° 7	28° 4	17°32	17°58	21°42	20°59	26°45	11° 5	28°17	10°26	10°33	12°42	14° 4	T 26
W27	4 25 57	5° 4'06	4♊ 51	29°41	18°34	18°42	21°53	21° 0	26°46	11° 5	28°17	10°D26	10°30	12°49	14° 1	W27
T 28	4 29 53	6° 4'32	19°47	1♌ 17	19°37	19°25	22° 5	21° 0	26°47	11° 5	28°16	10°26	10°27	12°55	13°58	T 28
F 29	4 33 50	7° 4'59	4♋ 46	2°53	20°40	20° 9	22°17	21° 0	26°48	11° 6	28°15	10°26	10°24	13° 2	13°54	F 29
S 30	4 37 47	8♌ 5'28	19°540	4♌ 29	21°43	20°53	22°28	21°R 1	26°49	11°R 6	28°15	10°R26	10°R21	13°R 9	13°R51	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	14s28	24n36	1n20	6s21	1n54	1n19	1s 0	20s29	0s23	22s26	0s13	5s25	2s12	13s19	0s45	7s59
S 2	14 46	25 32	2 33	6 38	1 59	1 8	0 51	20 38	0 23	22 25	0 13	5 25	2 12	13 19	0 45	7 59
S 3	15 5	24 44	3 36	6 58	2 3	0 56	0 43	20 47	0 24	22 24	0 13	5 26	2 12	13 19	0 45	7 59
M 4	15 23	22 22	4 25	7 21	2 5	0 44	0 35	20 56	0 25	22 23	0 13	5 27	2 12	13 19	0 45	8 0
T 5	15 41	18 42	4 58	7 47	2 7	0 31	0 28	21 5	0 25	22 22	0 13	5 27	2 12	13 19	0 45	8 0
W 6	15 59	14 5	5 13	8 15	2 7	0 18	0 20	21 14	0 26	22 21	0 13	5 28	2 12	13 19	0 45	8 0
T 7	16 17	8 50	5 10	8 45	2 7	0 5	0 13	21 22	0 26	22 19	0 13	5 29	2 11	13 19	0 45	8 0
F 8	16 34	3 17	4 51	9 16	2 5	0s 9	0 5	21 31	0 27	22 18	0 14	5 29	2 11	13 19	0 45	8 0
S 9	16 51	2s20	4 16	9 49	2 3	0 24	0n 2	21 39	0 27	22 17	0 14	5 30	2 11	13 19	0 45	8 1
S 10	17 8	7 46	3 29	10 23	2 0	0 39	0 9	21 46	0 28	22 16	0 14	5 30	2 11	13 19	0 45	8 1
M11	17 25	12 48	2 33	10 57	1 57	0 54	0 15	21 54	0 28	22 14	0 14	5 30	2 11	13 19	0 45	8 1
T 12	17 41	17 14	1 30	11 32	1 53	1 10	0 22	22 2	0 29	22 13	0 14	5 31	2 11	13 19	0 45	8 1
W13	17 57	20 52	0 24	12 7	1 48	1 26	0 28	22 9	0 30	22 12	0 14	5 31	2 10	13 19	0 45	8 1
T 14	18 12	23 32	0s43	12 42	1 43	1 43	0 34	22 16	0 30	22 10	0 14	5 31	2 10	13 18	0 45	8 1
F 15	18 28	25 8	1 47	13 18	1 38	1 59	0 40	22 23	0 31	22 9	0 14	5 32	2 10	13 18	0 45	8 1
S 16	18 43	25 34	2 46	13 53	1 32	2 17	0 46	22 30	0 31	22 7	0 14	5 32	2 10	13 18	0 45	8 1
S 17	18 57	24 51	3 37	14 27	1 27	2 34	0 52	22 36	0 32	22 6	0 14	5 32	2 10	13 18	0 45	8 1
M18	19 11	23 1	4 20	15 2	1 20	2 52	0 57	22 42	0 32	22 4	0 14	5 32	2 10	13 18	0 45	8 1
T 19	19 25	20 10	4 52	15 36	1 14	3 10	1 3	22 48	0 33	22 3	0 14	5 32	2 10	13 17	0 45	8 1
W20	19 39	16 25	5 11	16 9	1 8	3 28	1 8	22 54	0 33	22 1	0 14	5 32	2 9	13 17	0 45	8 1
T 21	19 52	11 53	5 17	16 42	1 1	3 47	1 13	23 0	0 34	22 0	0 14	5 32	2 9	13 17	0 45	8 1
F 22	20 5	6 44	5 7	17 13	0 55	4 6	1 18	23 5	0 34	21 58	0 14	5 32	2 9	13 16	0 44	8 1
S 23	20 18	1 8	4 41	17 45	0 48	4 25	1 22	23 11	0 35	21 56	0 15	5 32	2 9	13 16	0 44	8 1
S 24	20 30	4n42	3 59	18 15	0 41	4 44	1 27	23 16	0 35	21 55	0 15	5 32	2 9	13 16	0 44	8 1
M25	20 42	10 31	3 1	18 45	0 34	5 4	1 31	23 20	0 36	21 53	0 15	5 32	2 8	13 15	0 44	8 1
T 26	20 53	15 56	1 51	19 13	0 27	5 23	1 35	23 25	0 36	21 51	0 15	5 32	2 8	13 15	0 44	8 1
W27	21 4	20 31	0 31	19 41	0 20	5 43	1 39	23 29	0 37	21 49	0 15	5 31	2 8	13 15	0 44	8 1
T 28	21 15	23 49	0n52	20 8	0 13	6 3	1 43	23 33	0 37	21 48	0 15	5 31	2 8	13 14	0 44	8 1
F 29	21 25	25 27	2 11	20 33	0 6	6 23	1 47	23 37	0 38	21 46	0 15	5 31	2 8	13 14	0 44	8 1
S 30	21s35	25n14	3n21	20s58	0s 0	6s44	1n50	23s41	0s38	21s44	0s15	5s30	2s 8	13s13	0s44	8s 1

Julian Day Number = 2697292.5, Delta T = 25m13s  
 Ecliptic obliquity = 23°21'10", Nutation = - 0°00'18  
 Ayanamsha: Fagan/Bradley = 34°09'09", Lahiri = 33°16'09

## ASTRODIENST EPHEMERIS for the year 2672

DECEMBER 2672

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 41 43	9♂ 5'58	4♂22	6♂ 4	22♂47	21♂36	22♂40	21♂ 2	26♂51	11♂ 6	28♂14	10♂27	10♂17	13♂15	13♂48	S 1
M 2	4 45 40	10° 6'31	18°47	7°39	23°51	22°20	22°52	21° 3	26°52	11° 7	28♂13	10♂27	10°14	13°22	13♂45	M 2
T 3	4 49 36	11° 7'05	2♂52	9°14	24°55	23° 4	23° 4	21° 3	26°53	11° 7	28°12	10°27	10°11	13°29	13°41	T 3
W 4	4 53 33	12° 7'40	16°35	10°49	26° 0	23°48	23°16	21° 4	26°55	11° 7	28°11	10°D27	10° 8	13°35	13°38	W 4
T 5	4 57 29	13° 8'18	29°57	12°24	27° 5	24°32	23°28	21° 6	26°56	11° 8	28°11	10°27	10° 5	13°42	13°35	T 5
F 6	5 1 26	14° 8'57	13♂ 0	13°59	28°10	25°16	23°41	21° 7	26°58	11° 8	28°10	10°27	10° 1	13°49	13°31	F 6
S 7	5 5 22	15° 9'37	25°46	15°33	29°16	26° 0	23°53	21° 8	26°59	11° 9	28° 9	10°27	9°58	13°55	13°28	S 7
S 8	5 9 19	16°10'19	8♂18	17° 8	0♂121	26°44	24° 5	21° 9	27° 1	11° 9	28° 8	10°28	9°55	14° 2	13°25	S 8
M 9	5 13 16	17°11'03	20°37	18°42	1°28	27°28	24°18	21°11	27° 3	11°10	28° 7	10°29	9°52	14° 9	13°22	M 9
T 10	5 17 12	18°11'48	2♂46	20°16	2°34	28°12	24°30	21°13	27° 4	11°10	28° 6	10°29	9°49	14°15	13°18	T 10
W 11	5 21 9	19°12'35	14°47	21°50	3°40	28°57	24°43	21°14	27° 6	11°11	28° 5	10°R29	9°46	14°22	13°15	W 11
T 12	5 25 5	20°13'22	26°43	23°24	4°47	29°41	24°56	21°16	27° 8	11°12	28° 4	10°29	9°42	14°29	13°12	T 12
F 13	5 29 2	21°14'11	8♂33	24°58	5°54	0♂25	25° 8	21°18	27°10	11°12	28° 3	10°28	9°39	14°35	13° 9	F 13
S 14	5 32 58	22°15'01	20°22	26°32	7° 1	1°10	25°21	21°20	27°12	11°13	28° 2	10°26	9°36	14°42	13° 5	S 14
S 15	5 36 55	23°15'52	2♂11	28° 6	8° 9	1°54	25°34	21°22	27°14	11°14	28° 1	10°24	9°33	14°49	13° 2	S 15
M 16	5 40 51	24°16'44	14° 2	29°40	9°17	2°39	25°47	21°24	27°16	11°15	28° 0	10°22	9°30	14°55	12°59	M 16
T 17	5 44 48	25°17'36	26° 0	1♂13	10°24	3°24	26° 0	21°27	27°18	11°16	27°59	10°20	9°27	15° 2	12°56	T 17
W 18	5 48 45	26°18'30	8♂ 8	2°47	11°32	4° 8	26°13	21°29	27°20	11°16	27°58	10°18	9°23	15° 9	12°52	W 18
T 19	5 52 41	27°19'24	20°30	4°21	12°41	4°53	26°26	21°32	27°22	11°17	27°57	10°17	9°20	15°15	12°49	T 19
F 20	5 56 38	28°20'19	3♂ 9	5°55	13°49	5°38	26°39	21°34	27°24	11°18	27°56	10°D17	9°17	15°22	12°46	F 20
S 21	6 0 34	29°21'14	16°11	7°29	14°58	6°23	26°52	21°37	27°26	11°19	27°55	10°18	9°14	15°29	12°43	S 21
S 22	6 4 31	0♂22'10	29°39	9° 3	16° 7	7° 8	27° 5	21°40	27°28	11°20	27°54	10°19	9°11	15°35	12°40	S 22
M 23	6 8 27	1°23'07	13♂33	10°37	17°15	7°52	27°19	21°43	27°31	11°21	27°53	10°21	9° 7	15°42	12°37	M 23
T 24	6 12 24	2°24'04	27°55	12°11	18°25	8°37	27°32	21°46	27°33	11°22	27°52	10°22	9° 4	15°49	12°34	T 24
W 25	6 16 20	3°25'02	12♂42	13°45	19°34	9°22	27°45	21°49	27°35	11°23	27°51	10°R22	9° 1	15°55	12°31	W 25
T 26	6 20 17	4°26'01	27°46	15°19	20°43	10° 8	27°59	21°52	27°38	11°25	27°49	10°22	8°58	16° 2	12°28	T 26
F 27	6 24 14	5°27'00	13♂ 1	16°53	21°53	10°53	28°12	21°55	27°40	11°26	27°48	10°20	8°55	16° 9	12°25	F 27
S 28	6 28 10	6°28'00	28°16	18°26	23° 3	11°38	28°26	21°59	27°42	11°27	27°47	10°16	8°52	16°15	12°22	S 28
S 29	6 32 7	7°29'01	13♂20	20° 0	24°13	12°23	28°39	22° 2	27°45	11°28	27°46	10°12	8°48	16°22	12°19	S 29
M 30	6 36 3	8°30'03	28° 5	21°34	25°23	13° 8	28°53	22° 6	27°48	11°29	27°45	10° 8	8°45	16°29	12°16	M 30
T 31	6 40 0	9♂31'05	12♂26	23♂ 7	26♂33	13♂54	29♂ 6	22♂ 9	27♂50	11♂31	27♂44	10♂ 5	8♂42	16♂35	12♂13	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	21s44	23n15	4n17	21s22	0s 7	7s 4	1n54	23s44	0s39	21s42	0s15	5s30	2s 7	13s13	0s44	8s 1
M 2	21 53	19 49	4 55	21 44	0 14	7 24	1 57	23 47	0 39	21 40	0 15	5 29	2 7	13 12	0 44	8 1
T 3	22 2	15 19	5 15	22 6	0 21	7 45	2 0	23 50	0 40	21 38	0 15	5 29	2 7	13 12	0 44	8 1
W 4	22 10	10 8	5 16	22 26	0 27	8 6	2 3	23 53	0 40	21 36	0 15	5 28	2 7	13 11	0 44	8 0
T 5	22 18	4 36	5 0	22 45	0 34	8 26	2 6	23 55	0 41	21 34	0 15	5 28	2 7	13 11	0 44	8 0
F 6	22 25	1s 0	4 28	23 4	0 40	8 47	2 8	23 57	0 41	21 32	0 15	5 27	2 7	13 10	0 44	8 0
S 7	22 32	6 27	3 44	23 21	0 46	9 8	2 11	23 59	0 42	21 30	0 15	5 26	2 6	13 10	0 44	8 0
S 8	22 38	11 33	2 49	23 36	0 53	9 28	2 13	24 1	0 42	21 28	0 16	5 26	2 6	13 9	0 44	8 0
M 9	22 44	16 6	1 48	23 51	0 59	9 49	2 15	24 2	0 43	21 26	0 16	5 25	2 6	13 8	0 44	7 59
T 10	22 50	19 56	0 43	24 4	1 4	10 10	2 17	24 4	0 43	21 24	0 16	5 24	2 6	13 8	0 44	7 59
W 11	22 55	22 53	0s24	24 16	1 10	10 31	2 19	24 5	0 44	21 22	0 16	5 23	2 6	13 7	0 44	7 59
T 12	23 0	24 48	1 29	24 27	1 16	10 51	2 21	24 5	0 44	21 20	0 16	5 22	2 5	13 7	0 44	7 59
F 13	23 4	25 34	2 29	24 37	1 21	11 12	2 23	24 6	0 45	21 17	0 16	5 21	2 5	13 6	0 44	7 58
S 14	23 8	25 10	3 24	24 45	1 26	11 32	2 24	24 6	0 45	21 15	0 16	5 21	2 5	13 5	0 44	7 58
S 15	23 11	23 39	4 9	24 52	1 31	11 53	2 25	24 6	0 45	21 13	0 16	5 20	2 5	13 4	0 44	7 58
M 16	23 14	21 5	4 44	24 57	1 36	12 13	2 27	24 5	0 46	21 11	0 16	5 18	2 5	13 4	0 44	7 57
T 17	23 16	17 36	5 6	25 2	1 41	12 33	2 28	24 5	0 46	21 8	0 16	5 17	2 5	13 3	0 44	7 57
W 18	23 18	13 22	5 16	25 4	1 45	12 53	2 29	24 4	0 47	21 6	0 16	5 16	2 4	13 2	0 44	7 57
T 19	23 20	8 31	5 11	25 6	1 49	13 13	2 29	24 3	0 47	21 3	0 16	5 15	2 4	13 2	0 44	7 56
F 20	23 21	3 13	4 51	25 6	1 53	13 32	2 30	24 2	0 48	21 1	0 16	5 14	2 4	13 1	0 44	7 56
S 21	23 21	2n24	4 16	25 5	1 57	13 52	2 31	24 0	0 48	20 59	0 16	5 13	2 4	13 0	0 44	7 56
S 22	23 21	8 5	3 26	25 2	2 0	14 11	2 31	23 58	0 49	20 56	0 17	5 11	2 4	12 59	0 44	7 55
M 23	23 21	13 35	2 23	24 58	2 3	14 30	2 31	23 56	0 49	20 54	0 17	5 10	2 4	12 58	0 43	7 55
T 24	23 20	18 31	1 8	24 53	2 6	14 49	2 32	23 54	0 49	20 51	0 17	5 9	2 3	12 58	0 43	7 54
W 25	23 19	22 27	0n13	24 46	2 8	15 8	2 32	23 51	0 50	20 49	0 17	5 7	2 3	12 57	0 43	7 54
T 26	23 17	24 54	1 34	24 38	2 10	15 26	2 32	23 48	0 50	20 46	0 17	5 6	2 3	12 56	0 43	7 54
F 27	23 14	25 32	2 50	24 28	2 12	15 44	2 31	23 45	0 51	20 43	0 17	5 5	2 3	12 55	0 43	7 53
S 28	23 12	24 15	3 54	24 17	2 13	16 2	2 31	23 42	0 51	20 41	0 17	5 3	2 3	12 54	0 43	7 53
S 29	23 9	21 14	4 40	24 4	2 14	16 19	2 31	23 38	0 51	20 38	0 17	5 2	2 3	12 53	0 43	7 52
M 30	23 5	16 53	5 7	23 50	2 14	16 36	2 30	23 34	0 52	20 35	0 17	5 0	2 2	12 52	0 43	7 52
T 31	23s 1	11n42	5n13	23s35	2s14	16s53	2n30	23s30	0s52	20s33	0s17	4s58	2s 2	12s52	0s43	7s51

Julian Day Number = 2697322.5, Delta T = 25m14s  
Ecliptic obliquity = 23°21'10, Nutation = - 0°00'17  
Ayanamsha: Fagan/Bradley = 34°09'13, Lahiri = 33°16'13

## ASTRODIENST EPHEMERIS for the year 2673

JANUARY 2673

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	6 43 56	10°32'08	26°18'18	24°34'00	27°14'33	14°33'39	29°33'20	22°11'13	27°55'53	11°33'32	27°42'42	10°R 3	8°11'39	16°34'42	12°R10	W 1
T 2	6 47 53	11°33'12	9°24'43	26°13'13	28°54'54	15°24'29	29°33'33	22°17'17	27°55'55	11°33'33	27°42'42	10°D 2	8°36'36	16°49'49	12°II 8	T 2
F 3	6 51 49	12°34'17	22°43'43	27°45'45	0°15'15	16°10'10	29°47'47	22°21'21	27°58'58	11°35'35	27°40'40	10°II 2	8°33'33	16°55'55	12° 5	F 3
S 4	6 55 46	13°35'22	5°11'22	29°16'16	1°15'15	16°55'55	0°11'11	22°25'25	28° 1'01	11°36'36	27°39'39	10° 4	8°29'29	17° 2'02	12° 2	S 4
S 5	6 59 43	14°36'29	17°42'42	0°47'47	2°26'26	17°41'41	0°15'15	22°29'29	28° 3'03	11°37'37	27°38'38	10° 5	8°26'26	17° 9'09	12° 0	S 5
M 6	7 3 39	15°37'35	29°50'50	2°16'16	3°36'36	18°26'26	0°28'28	22°33'33	28° 6'06	11°39'39	27°36'36	10° 7	8°23'23	17°15'15	11°57'57	M 6
T 7	7 7 36	16°38'43	11°48'48	3°45'45	4°48'48	19°12'12	0°42'42	22°38'38	28° 9'09	11°40'40	27°35'35	10°R 7	8°20'20	17°22'22	11°54'54	T 7
W 8	7 11 32	17°39'51	23°41'41	5°11'11	5°59'59	19°58'58	0°56'56	22°42'42	28°12'12	11°42'42	27°34'34	10° 6	8°17'17	17°29'29	11°52'52	W 8
T 9	7 15 29	18°40'59	5°30'30	6°37'37	7°10'10	20°44'44	1°10'10	22°46'46	28°15'15	11°43'43	27°33'33	10° 3	8°13'13	17°35'35	11°49'49	T 9
F 10	7 19 25	19°42'07	17°19'19	8° 0'00	8°21'21	21°29'29	1°24'24	22°51'51	28°18'18	11°45'45	27°31'31	9°58'58	8°10'10	17°42'42	11°47'47	F 10
S 11	7 23 22	20°43'16	29° 8'08	9°20'20	9°33'33	22°15'15	1°38'38	22°55'55	28°20'20	11°47'47	27°30'30	9°51'51	8° 7'07	17°49'49	11°45'45	S 11
S 12	7 27 19	21°44'25	11°11'11	10°37'37	10°44'44	23° 1'01	1°52'52	23° 0'00	28°23'23	11°48'48	27°29'29	9°43'43	8° 4'04	17°55'55	11°42'42	S 12
M13	7 31 15	22°45'33	22°59'59	11°51'51	11°56'56	23°47'47	2° 6'06	23° 5'05	28°26'26	11°50'50	27°28'28	9°34'34	8° 1'01	18° 2'02	11°40'40	M13
T 14	7 35 12	23°46'42	5°11'11	13° 1'01	13° 7'07	24°33'33	2°20'20	23°10'10	28°29'29	11°51'51	27°26'26	9°26'26	7°58'58	18° 9'09	11°38'38	T 14
W15	7 39 8	24°47'50	17°14'14	14° 6'06	14°19'19	25°19'19	2°34'34	23°14'14	28°32'32	11°53'53	27°25'25	9°19'19	7°54'54	18°15'15	11°36'36	W15
T 16	7 43 5	25°48'58	29°38'38	15° 5'05	15°31'31	26° 5'05	2°48'48	23°19'19	28°35'35	11°55'55	27°24'24	9°13'13	7°51'51	18°22'22	11°33'33	T 16
F 17	7 47 1	26°50'06	12°11'11	15°58'58	16°43'43	26°51'51	3° 2'02	23°24'24	28°38'38	11°57'57	27°22'22	9°10'10	7°48'48	18°29'29	11°31'31	F 17
S 18	7 50 58	27°51'14	25°11'11	16°44'44	17°55'55	27°37'37	3°16'16	23°30'30	28°42'42	11°58'58	27°21'21	9°D 9	7°45'45	18°36'36	11°29'29	S 18
S 19	7 54 54	28°52'21	8°28'28	17°22'22	19° 7'07	28°23'23	3°30'30	23°35'35	28°45'45	12° 0'00	27°20'20	9° 9'09	7°42'42	18°42'42	11°27'27	S 19
M20	7 58 51	29°53'28	22° 9'09	17°50'50	20°19'19	29° 9'09	3°44'44	23°40'40	28°48'48	12° 2'02	27°19'19	9°10'10	7°39'39	18°49'49	11°26'26	M20
T 21	8 2 48	0°54'34	6°11'11	18° 9'09	21°31'31	29°56'56	3°58'58	23°45'45	28°51'51	12° 4'04	27°17'17	9°R11	7°35'35	18°56'56	11°24'24	T 21
W22	8 6 44	1°55'40	20°48'48	18°R17	22°44'44	0°42'42	4°12'12	23°51'51	28°54'54	12° 5'05	27°16'16	9°10'10	7°32'32	19° 2'02	11°22'22	W22
T 23	8 10 41	2°56'45	5°43'43	18°13'13	23°56'56	1°28'28	4°26'26	23°56'56	28°57'57	12° 7'07	27°15'15	9° 8'08	7°29'29	19° 9'09	11°20'20	T 23
F 24	8 14 37	3°57'50	20°44'44	17°58'58	25° 8'08	2°14'14	4°40'40	24° 2'02	29° 1'01	12° 9'09	27°14'14	9° 3'03	7°26'26	19°16'16	11°19'19	F 24
S 25	8 18 34	4°58'55	6°11'11	17°31'31	26°21'21	3° 1'01	4°54'54	24° 7'07	29° 4'04	12°11'11	27°12'12	8°55'55	7°23'23	19°22'22	11°17'17	S 25
S 26	8 22 30	5°59'59	21°24'24	16°53'53	27°33'33	3°47'47	5° 8'08	24°13'13	29° 7'07	12°13'13	27°11'11	8°46'46	7°19'19	19°29'29	11°15'15	S 26
M27	8 26 27	7° 1'02	6°11'11	16° 4'04	28°46'46	4°34'34	5°22'22	24°19'19	29°10'10	12°15'15	27°10'10	8°37'37	7°16'16	19°36'36	11°14'14	M27
T 28	8 30 23	8° 2'05	20°56'56	15° 5'05	29°59'59	5°20'20	5°36'36	24°24'24	29°14'14	12°17'17	27° 8'08	8°28'28	7°13'13	19°42'42	11°13'13	T 28
W29	8 34 20	9° 3'08	5°11'11	13°58'58	1°31'31	6° 7'07	5°50'50	24°30'30	29°17'17	12°19'19	27° 7'07	8°21'21	7°10'10	19°49'49	11°11'11	W29
T 30	8 38 17	10° 4'11	18°36'36	12°46'46	2°24'24	6°53'53	6° 4'04	24°36'36	29°20'20	12°21'21	27° 6'06	8°17'17	7° 7'07	19°56'56	11°10'10	T 30
F 31	8 42 13	11°11'11	1°11'11	11°29'29	3°37'37	7°44'44	6°18'18	24°42'42	29°24'24	12°23'23	27°5'5	8°11'11	7°11'11	20°3'3	11°II 9	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	22s56	6n 4	5n 1	23s18	2s14	17s10	2n29	23s25	0s53	20s30	0s17	4s57	2s 2	12s51	0s43	7s51	0s41	19n54	0s40	21n53	21n40	25s28	17n10	5s 3	20s30	0s17	4s57
T 2	22 51	0 21	4 33	23 0	2 12	17 26	2 28	23 21	0 53	20 27	0 17	4 55	2 2	12 50	0 43	7 50	0 41	19 54	0 40	21 52	21 39	25 28	17 10	5 3	20 27	0 17	4 55
F 3	22 46	5s14	3 51	22 41	2 11	17 42	2 27	23 16	0 53	20 24	0 17	4 54	2 2	12 49	0 43	7 50	0 41	19 54	0 39	21 52	21 39	25 28	17 10	5 2	20 24	0 17	4 54
S 4	22 40	10 27	2 59	22 20	2 9	17 57	2 26	23 10	0 54	20 22	0 18	4 52	2 2	12 48	0 43	7 49	0 41	19 55	0 39	21 53	21 38	25 27	17 9	5 2	20 22	0 18	4 52
S 5	22 33	15 8	2 0	21 58	2 6	18 12	2 25	23 5	0 54	20 19	0 18	4 50	2 2	12 47	0 43	7 49	0 41	19 55	0 39	21 53	21 38	25 27	17 9	5 2	20 19	0 18	4 50
M 6	22 26	19 8	0 56	21 34	2 2	18 27	2 24	22 59	0 54	20 16	0 18	4 48	2 1	12 46	0 43	7 48	0 41	19 55	0 39	21 53	21 37	25 27	17 9	5 2	20 16	0 18	4 48
T 7	22 19	22 16	0s 9	21 10	1 58	18 41	2 22	22 53	0 55	20 13	0 18	4 46	2 1	12 45	0 43	7 47	0 41	19 56	0 39	21 53	21 37	25 27	17 9	5 2	20 13	0 18	4 46
W 8	22 11	24 25	1 13	20 44	1 53	18 55	2 21	22 47	0 55	20 10	0 18	4 45	2 1	12 44	0 43	7 47	0 41	19 56	0 39	21 53	21 36	25 27	17 8	5 2	20 10	0 18	4 45
T 9	22 3 25	28 2	1 14	20 18	1 48	19 8	2 19	22 40	0 55	20 7	0 18	4 43	2 1	12 43	0 43	7 46	0 41	19 56	0 39	21 53	21 36	25 26	17 8	5 2	20 7	0 18	4 43
F 10	21 55	25 21	3 8	19 50	1 41	19 21	2 18	22 34	0 56	20 4	0 18	4 41	2 1	12 42	0 43	7 46	0 41	19 57	0 39	21 52	21 35	25 26	17 8	5 2	20 4	0 18	4 41
S 11	21 46	24 5	3 55	19 22	1 34	19 33	2 16	22 27	0 56	20 1	0 18	4 39	2 1	12 41	0 43	7 45	0 41	19 57	0 39	21 51	21 35	25 26	17 8	5 2	20 1	0 18	4 39
S 12	21 36	21 44	4 31	18 53	1 26	19 45	2 14	22 19	0 56	19 58	0 18	4 37	2 1	12 40	0 43	7 44	0 41	19 57	0 39	21 50	21 34	25 26	17 8	5 1	19 58	0 18	4 37
M13	21 26	18 28	4 56	18 24	1 17	19 57	2 13	22 12	0 57	19 55	0 18	4 35	2 0	12 39	0 43	7 44	0 41	19 57	0 39	21 48	21 34	25 26	17 8	5 1	19 55	0 18	4 35
T 14	21 16	14 24	5 7	17 55	1 7	20 8	2 11	22 4	0 57	19 52	0 18	4 33	2 0	12 38	0 43	7 43	0 41	19 58	0 39	21 47	21 33	25 25	17 8	5 1	19 52	0 18	4 33
W15	21 5	9 42	5 5	17 25	0 55	20 18	2 9	21 56	0 57	19 49	0 18	4 31	2 0	12 37	0 43	7 43	0 41	19 58	0 39	21 46	21 33	25 25	17 7	5 1	19 49	0 18	4 31
T 16	20 54	4 34	4 49	16 57	0 43	20 28	2 7	21 48	0 58	19 46	0 19	4 29	2 0	12 36	0 43	7 42	0 41	19 58	0 39	21 45	21 32	25 25	17 7	5 1	19 46	0 19	4 29
F 17	20 43	0n51	4 19	16 28	0 30	20 38	2 4	21 40	0 58	19 43	0 19	4 27	2 0	12 35	0 43	7 41	0 41	19 59	0 39	21 45	21 32	25 25	17 7	5 1	19 43	0 19	4 27
S 18	20 31	6 23	3 34	16 1	0 16	20 47	2 2	21 31	0 58	19 40	0 19	4 25	2 0	12 33	0 43	7 41	0 41	19 59	0 39	21 44	21 31	25 24	17 7	5 0	19 40	0 19	4 25
S 19	20 19	11 47	2 38	15 35	0 1	20 55	2 0	21 22	0 59	19 36	0 19	4 22	2 0	12 32	0 43	7 40	0 41	19 59	0 39	21 45	21 31	25 24	17 7	5 0	19 36	0 19	4 22
M20	20 6	16 47	1 30	15 11	0n16	21 3	1 58	21 13	0 59	19 33	0 19	4 20	2 0	12 31	0 43	7 39	0 41	20 0	0 38	21 45	21 30	25 24	17 7	5 0	19 33	0 19	4 20
T 21	19 53	21 1	0 16	14 49	0 33	21 10	1 55	21 3	0 59	19 30	0 19	4 18	1 59	12 30	0 43	7 39	0 41	20 0	0 38	21 45	21 30	25 24	17 7	5 0	19 30	0 19	4 18
W22	19 40	24 4	1n 2	14 30	0 50	21 17	1 53	20 54	0 59	19 27	0 19	4 16	1 59	12 29	0 43	7 38	0 41	20 0	0 38	21 45	21 29	25 23	17 7	5 0	19 27	0 19	4 16
T 23	19 26	25 31	2 17	14 13	1 9	21 23	1 50	20 44	1 0	19 24	0 19	4 13	1 59	12 28	0 43	7 37	0 41	20 1	0 38	21 44	21 29	25 23	17 7	4 59	19 24	0 19	4 13
F 24	19 12	25 6	3 24	14 0	1 27	21 28	1 48	20 34	1 0	19 20	0 19	4 11	1 59	12 27	0 43	7 36	0 41	20 1	0 38	21 44	21 28	25 23	17 7	4 59	19 20	0 19	4 11
S 25	18 57	22 48	4 17	13 51	1 46	21 33	1 45	20 23	1 0	19 17	0 19	4 9	1 59	12 26	0 43	7 36	0 41	20 1	0 38	21 42	21 28	25 22	17 7	4 59	19 17	0 19	4 9
S 26	18 42	18 55	4 51	13 45	2 4	21 37	1 42	20 13	1 0	19 14	0 19	4 7	1 59	12 24	0 43	7 35	0 41	20 1	0 38	21 41	21 27	25 22	17 7	4 59	19 14	0 19	4 7
M27	18 27	13 52	5 5	13 43	2 21	21 41	1 40	20 2	1 1	19 10	0 19	4 4	1 59	12 23	0 43	7 34	0 41	20 2	0 38	21 40	21 27	25 22	17 7	4 59	19 10	0 19	4 4
T 28	18 12	8 9	4 58	13 44	2 38	21 44	1 37	19 51	1 1	19 7	0 20	4 2	1 59	12 22	0 43	7 33	0 41	20 2	0 38	21 38	21 26	25 21	17 7	4 58	19 7	0 20	4 2
W29	17 56	2 11	4 33	13 49	2 52	21 47	1 34	19 40	1 1	19 4	0 20	3 59	1 59	12 21	0 43	7 33	0 41	20 2	0 38	21 37	21 26	25 21	17 7	4 58	19 4	0 20	3 59
T 30	17 40	3s40	3 53	13 58	3 5	21 49	1 31	19 29	1 1	19 0	0 20	3 57	1 58	12 20	0 43	7 32	0 41	20 3	0 38	21 36	21 25	25 21	17 7	4 58	19 0	0 20	3 57
F 31	17s23	9s10	3n 2	14s 9	3n15	21s50	1n28	19s17	1s 2	18s57	0s20	3s55	1s58	12s19	0s43	7s31	0s41	20n 3	0s38	21n36	21n25	25s20	17n 7	4s58	18s57	0s20	3s55

## ASTRODIENST EPHEMERIS for the year 2673

FEBRUARY 2673

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 46 10	12° 6' 16"	14° 11' 21"	10° R 12	4° 35' 50"	8° 22' 26"	6° 32' 32"	24° 48' 48"	29° 27' 27"	12° 25' 25"	27° R 4	8° D 14	7° 11' 0"	20° 35' 9"	11° R 8	S 1
S 2	8 50 6	13° 7' 17"	26° 41' 41"	8° 55' 55"	6° 3' 3"	9° 13' 13"	6° 47' 47"	24° 54' 54"	29° 30' 30"	12° 27' 27"	27° 2' 2"	8° 11' 15"	6° 57' 57"	20° 16' 16"	11° 11' 6"	S 2
M 3	8 54 3	14° 8' 19"	8° 45' 45"	7° 42' 42"	7° 16' 16"	10° 0' 0"	7° 1' 1"	25° 0' 0"	29° 34' 34"	12° 29' 29"	27° 1' 1"	8° R 15	6° 54' 54"	20° 22' 22"	11° 5' 5"	M 3
T 4	8 57 59	15° 9' 20"	20° 39' 39"	6° 34' 34"	8° 29' 29"	10° 46' 46"	7° 15' 15"	25° 6' 6"	29° 37' 37"	12° 31' 31"	27° 0' 0"	8° 14' 14"	6° 51' 51"	20° 29' 29"	11° 4' 4"	T 4
W 5	9 1 56	16° 10' 21"	2° 32' 32"	5° 32' 32"	9° 42' 42"	11° 33' 33"	7° 29' 29"	25° 13' 13"	29° 41' 41"	12° 33' 33"	26° 59' 59"	8° 11' 11"	6° 48' 48"	20° 36' 36"	11° 4' 4"	W 5
T 6	9 5 52	17° 11' 20"	14° 15' 15"	4° 38' 38"	10° 55' 55"	12° 20' 20"	7° 43' 43"	25° 19' 19"	29° 44' 44"	12° 35' 35"	26° 58' 58"	8° 5' 5"	6° 45' 45"	20° 42' 42"	11° 3' 3"	T 6
F 7	9 9 49	18° 12' 20"	26° 4' 4"	3° 53' 53"	12° 8' 8"	13° 6' 6"	7° 57' 57"	25° 25' 25"	29° 47' 47"	12° 37' 37"	26° 56' 56"	7° 57' 57"	6° 41' 41"	20° 49' 49"	11° 2' 2"	F 7
S 8	9 13 46	19° 13' 18"	7° 57' 57"	3° 16' 16"	13° 21' 21"	13° 53' 53"	8° 11' 11"	25° 32' 32"	29° 51' 51"	12° 39' 39"	26° 55' 55"	7° 45' 45"	6° 38' 38"	20° 56' 56"	11° 1' 1"	S 8
S 9	9 17 42	20° 14' 16"	19° 57' 57"	2° 48' 48"	14° 34' 34"	14° 40' 40"	8° 25' 25"	25° 38' 38"	29° 54' 54"	12° 42' 42"	26° 54' 54"	7° 32' 32"	6° 35' 35"	21° 3' 3"	11° 1' 1"	S 9
M10	9 21 39	21° 15' 12"	2° 4' 4"	2° 29' 29"	15° 47' 47"	15° 27' 27"	8° 38' 38"	25° 45' 45"	29° 58' 58"	12° 44' 44"	26° 53' 53"	7° 18' 18"	6° 32' 32"	21° 9' 9"	11° 0' 0"	M10
T 11	9 25 35	22° 16' 08"	14° 19' 19"	2° 19' 19"	17° 1' 1"	16° 14' 14"	8° 52' 52"	25° 51' 51"	0° 1' 1"	12° 46' 46"	26° 52' 52"	7° 4' 4"	6° 29' 29"	21° 16' 16"	11° 0' 0"	T 11
W12	9 29 32	23° 17' 03"	26° 43' 43"	2° D 16	18° 14' 14"	17° 1' 1"	9° 6' 6"	25° 58' 58"	0° 5' 5"	12° 48' 48"	26° 51' 51"	6° 52' 52"	6° 25' 25"	21° 23' 23"	10° 59' 59"	W12
T 13	9 33 28	24° 17' 56"	9° 18' 18"	2° 21' 21"	19° 27' 27"	17° 48' 48"	9° 20' 20"	26° 4' 4"	0° 8' 8"	12° 50' 50"	26° 49' 49"	6° 42' 42"	6° 22' 22"	21° 29' 29"	10° 59' 59"	T 13
F 14	9 37 25	25° 18' 48"	22° 3' 3"	2° 33' 33"	20° 41' 41"	18° 35' 35"	9° 34' 34"	26° 11' 11"	0° 12' 12"	12° 52' 52"	26° 48' 48"	6° 35' 35"	6° 19' 19"	21° 36' 36"	10° 58' 58"	F 14
S 15	9 41 21	26° 19' 39"	5° 8' 8"	2° 52' 52"	21° 54' 54"	19° 22' 22"	9° 48' 48"	26° 18' 18"	0° 15' 15"	12° 55' 55"	26° 47' 47"	6° 31' 31"	6° 16' 16"	21° 43' 43"	10° 58' 58"	S 15
S 16	9 45 18	27° 20' 28"	18° 17' 17"	3° 17' 17"	23° 7' 7"	20° 9' 9"	10° 2' 2"	26° 24' 24"	0° 19' 19"	12° 57' 57"	26° 46' 46"	6° 30' 30"	6° 13' 13"	21° 49' 49"	10° 58' 58"	S 16
M17	9 49 15	28° 21' 17"	1° 11' 50"	3° 47' 47"	24° 21' 21"	20° 56' 56"	10° 15' 15"	26° 31' 31"	0° 22' 22"	12° 59' 59"	26° 45' 45"	6° 30' 30"	6° 10' 10"	21° 56' 56"	10° 58' 58"	M17
T 18	9 53 11	29° 22' 03"	15° 43' 43"	4° 22' 22"	25° 34' 34"	21° 43' 43"	10° 29' 29"	26° 38' 38"	0° 26' 26"	13° 1' 1"	26° 44' 44"	6° 29' 29"	6° 6' 6"	22° 3' 3"	10° D 58	T 18
W19	9 57 8	0° 22' 48"	29° 57' 57"	5° 2' 2"	26° 48' 48"	22° 30' 30"	10° 43' 43"	26° 45' 45"	0° 29' 29"	13° 4' 4"	26° 43' 43"	6° 28' 28"	6° 3' 3"	22° 9' 9"	10° 58' 58"	W19
T 20	10 1 4	1° 23' 32"	14° 32' 32"	5° 47' 47"	28° 1' 1"	23° 17' 17"	10° 56' 56"	26° 51' 51"	0° 32' 32"	13° 6' 6"	26° 42' 42"	6° 24' 24"	6° 0' 0"	22° 16' 16"	10° 58' 58"	T 20
F 21	10 5 1	2° 24' 14"	29° 22' 22"	6° 35' 35"	29° 15' 15"	24° 4' 4"	11° 10' 10"	26° 58' 58"	0° 36' 36"	13° 8' 8"	26° 41' 41"	6° 18' 18"	5° 57' 57"	22° 23' 23"	10° 58' 58"	F 21
S 22	10 8 57	3° 24' 55"	14° 23' 23"	7° 27' 27"	0° 28' 28"	24° 51' 51"	11° 24' 24"	27° 5' 5"	0° 39' 39"	13° 10' 10"	26° 40' 40"	6° 8' 8"	5° 54' 54"	22° 29' 29"	10° 59' 59"	S 22
S 23	10 12 54	4° 25' 34"	29° 24' 24"	8° 22' 22"	1° 42' 42"	25° 38' 38"	11° 37' 37"	27° 12' 12"	0° 43' 43"	13° 13' 13"	26° 39' 39"	5° 57' 57"	5° 50' 50"	22° 36' 36"	10° 59' 59"	S 23
M24	10 16 50	5° 26' 12"	14° 11' 11"	9° 20' 20"	2° 56' 56"	26° 25' 25"	11° 51' 51"	27° 19' 19"	0° 46' 46"	13° 15' 15"	26° 38' 38"	5° 45' 45"	5° 47' 47"	22° 43' 43"	10° 59' 59"	M24
T 25	10 20 47	6° 26' 48"	28° 49' 49"	10° 20' 20"	4° 9' 9"	27° 12' 12"	12° 4' 4"	27° 26' 26"	0° 50' 50"	13° 17' 17"	26° 37' 37"	5° 33' 33"	5° 44' 44"	22° 49' 49"	11° 0' 0"	T 25
W26	10 24 44	7° 27' 24"	12° 58' 58"	11° 24' 24"	5° 23' 23"	27° 59' 59"	12° 18' 18"	27° 33' 33"	0° 53' 53"	13° 19' 19"	26° 36' 36"	5° 24' 24"	5° 41' 41"	22° 56' 56"	11° 0' 0"	W26
T 27	10 28 40	8° 27' 57"	26° 39' 39"	12° 29' 29"	6° 37' 37"	28° 46' 46"	12° 31' 31"	27° 40' 40"	0° 57' 57"	13° 22' 22"	26° 35' 35"	5° 17' 17"	5° 38' 38"	23° 3' 3"	11° 1' 1"	T 27
F 28	10 32 37	9° 28' 30"	9° 11' 51"	13° 37' 37"	7° 50' 50"	29° 34' 34"	12° 44' 44"	27° 47' 47"	1° 0' 0"	13° 24' 24"	26° 34' 34"	5° 12' 12"	5° 35' 35"	23° 10' 10"	11° 11' 11"	F 28

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	17s 6	14s 7	2n 4	14s22	3n23	21s50	1n25	19s 5	1s 2	18s54	0s20	3s52	1s58	12s17	0s43	7s30
S 2	16 49	18 21	1 1	14 36	3 29	21 51	1 23	18 53	1 2	18 50	0 20	3 50	1 58	12 16	0 43	7 30
M 3	16 32	21 43	0s 3	14 52	3 32	21 50	1 20	18 41	1 2	18 47	0 20	3 47	1 58	12 15	0 43	7 29
T 4	16 14	24 7	1 6	15 8	3 32	21 49	1 16	18 28	1 2	18 43	0 20	3 45	1 58	12 14	0 43	7 28
W 5	15 56	25 25	2 5	15 25	3 30	21 47	1 13	18 16	1 3	18 40	0 20	3 42	1 58	12 13	0 43	7 27
T 6	15 38	25 34	2 59	15 42	3 26	21 44	1 10	18 3	1 3	18 36	0 20	3 40	1 58	12 11	0 43	7 26
F 7	15 19	24 33	3 45	15 58	3 21	21 41	1 7	17 50	1 3	18 33	0 21	3 37	1 58	12 10	0 43	7 26
S 8	15 0	22 25	4 22	16 13	3 14	21 37	1 4	17 37	1 3	18 29	0 21	3 34	1 58	12 9	0 43	7 25
S 9	14 41	19 19	4 47	16 27	3 5	21 33	1 1	17 23	1 3	18 26	0 21	3 32	1 58	12 8	0 43	7 24
M10	14 22	15 21	4 59	16 41	2 56	21 28	0 58	17 10	1 4	18 22	0 21	3 29	1 58	12 7	0 43	7 23
T 11	14 2	10 44	4 58	16 53	2 46	21 22	0 55	16 56	1 4	18 19	0 21	3 27	1 57	12 5	0 43	7 22
W12	13 43	5 38	4 43	17 4	2 35	21 16	0 52	16 42	1 4	18 15	0 21	3 24	1 57	12 4	0 43	7 22
T 13	13 22	0 13	4 14	17 14	2 24	21 9	0 48	16 28	1 4	18 12	0 21	3 21	1 57	12 3	0 43	7 21
F 14	13 2	5n17	3 32	17 22	2 12	21 1	0 45	16 13	1 4	18 8	0 21	3 19	1 57	12 2	0 43	7 20
S 15	12 42	10 40	2 38	17 29	2 0	20 53	0 42	15 59	1 4	18 4	0 21	3 16	1 57	12 1	0 43	7 19
S 16	12 21	15 41	1 35	17 35	1 49	20 45	0 39	15 44	1 4	18 1	0 21	3 13	1 57	11 59	0 43	7 18
M17	12 0	20 3	0 25	17 40	1 37	20 35	0 36	15 29	1 5	17 57	0 22	3 10	1 57	11 58	0 43	7 17
T 18	11 39	23 24	0n49	17 43	1 25	20 25	0 32	15 14	1 5	17 54	0 22	3 8	1 57	11 57	0 43	7 17
W19	11 18	25 22	2 1	17 45	1 14	20 15	0 29	14 59	1 5	17 50	0 22	3 5	1 57	11 56	0 43	7 16
T 20	10 56	25 39	3 6	17 45	1 2	20 3	0 26	14 44	1 5	17 46	0 22	3 2	1 57	11 54	0 43	7 15
F 21	10 35	24 8	4 1	17 44	0 51	19 52	0 23	14 28	1 5	17 43	0 22	2 59	1 57	11 53	0 43	7 14
S 22	10 13	20 54	4 39	17 42	0 40	19 39	0 20	14 13	1 5	17 39	0 22	2 57	1 57	11 52	0 43	7 13
S 23	9 51	16 18	4 58	17 38	0 29	19 27	0 16	13 57	1 5	17 36	0 22	2 54	1 57	11 51	0 43	7 12
M24	9 29	10 44	4 57	17 33	0 19	19 13	0 13	13 41	1 5	17 32	0 22	2 51	1 57	11 50	0 43	7 11
T 25	9 7	4 41	4 36	17 27	0 9	18 59	0 10	13 25	1 5	17 28	0 22	2 48	1 57	11 48	0 43	7 11
W26	8 44	1s26	3 59	17 19	0s 1	18 44	0 7	13 9	1 5	17 25	0 23	2 45	1 57	11 47	0 43	7 10
T 27	8 22	7 19	3 8	17 10	0 11	18 29	0 4	12 53	1 5	17 21	0 23	2 43	1 57	11 46	0 43	7 9
F 28	7s59	12s40	2n10	17s 0	0s20	18s14	0n 1	12s36	1s 5	17s17	0s23	2s40	1s57	11s45	0s43	7s 8

Julian Day Number = 2697384.5, Delta T = 25m14s

Ecliptic obliquity = 23°21'10", Nutation = - 0°00'15"

Ayanamsha: Fagan/Bradley = 34°09'22", Lahiri = 33°16'22"

# ASTRODIENST EPHEMERIS for the year 2673

MARCH 2673

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 36 33	10 <sup>h</sup> 29'02	22 <sup>m</sup> 37	14 <sup>s</sup> 47	9 <sup>s</sup> 4	0 <sup>h</sup> 21	12 <sup>m</sup> 58	27 <sup>m</sup> 55	1 <sup>h</sup> 4	13 <sup>m</sup> 26	26 <sup>m</sup> 34	5 <sup>m</sup> 11	5 <sup>m</sup> 31	23 <sup>m</sup> 16	11 <sup>m</sup> 2	S 1
S 2	10 40 30	11°29'32	5 <sup>s</sup> 0	15°59	10°18	1°8	13°11	28°2	1°7	13°28	26 <sup>m</sup> 33	5 <sup>m</sup> 10	5°28	23°23	11°3	S 2
M 3	10 44 26	12°30'01	17°7	17°13	11°31	1°55	13°24	28°9	1°11	13°31	26°32	5°10	5°25	23°30	11°4	M 3
T 4	10 48 23	13°30'29	2°2	18°28	12°45	2°42	13°37	28°16	1°14	13°33	26°31	5°9	5°22	23°36	11°5	T 4
W 5	10 52 19	14°30'56	10 <sup>h</sup> 52	19°45	13°59	3°30	13°51	28°23	1°17	13°35	26°30	5°7	5°19	23°43	11°6	W 5
T 6	10 56 16	15°31'21	22°40	21°4	15°13	4°17	14°4	28°30	1°21	13°38	26°29	5°1	5°16	23°50	11°7	T 6
F 7	11 0 13	16°31'45	4 <sup>s</sup> 31	22°24	16°27	5°4	14°17	28°38	1°24	13°40	26°29	4°53	5°12	23°56	11°8	F 7
S 8	11 4 9	17°32'07	16°29	23°45	17°40	5°51	14°30	28°45	1°28	13°42	26°28	4°42	5°9	24°3	11°10	S 8
S 9	11 8 6	18°32'28	28°37	25°8	18°54	6°39	14°43	28°52	1°31	13°44	26°27	4°30	5°6	24°10	11°11	S 9
M10	11 12 2	19°32'47	10 <sup>h</sup> 55	26°32	20°8	7°26	14°55	29°0	1°34	13°47	26°26	4°16	5°3	24°16	11°12	M10
T 11	11 15 59	20°33'04	23°25	27°57	21°22	8°13	15°8	29°7	1°38	13°49	26°26	4°2	5°0	24°23	11°14	T 11
W12	11 19 55	21°33'20	6 <sup>m</sup> 7	29°24	22°36	9°0	15°21	29°14	1°41	13°51	26°25	3°50	4°56	24°30	11°15	W12
T 13	11 23 52	22°33'34	18°59	0 <sup>h</sup> 51	23°50	9°48	15°34	29°21	1°44	13°53	26°24	3°41	4°53	24°36	11°17	T 13
F 14	11 27 48	23°33'46	2 <sup>h</sup> 3	2°20	25°4	10°35	15°46	29°29	1°48	13°56	26°24	3°34	4°50	24°43	11°18	F 14
S 15	11 31 45	24°33'56	15°17	3°50	26°17	11°22	15°59	29°36	1°51	13°58	26°23	3°30	4°47	24°50	11°20	S 15
S 16	11 35 41	25°34'04	28°43	5°21	27°31	12°10	16°11	29°43	1°54	14°0	26°23	3°D29	4°44	24°57	11°22	S 16
M17	11 39 38	26°34'10	12 <sup>h</sup> 21	6°54	28°45	12°57	16°24	29°51	1°57	14°2	26°22	3°29	4°41	25°3	11°23	M17
T 18	11 43 35	27°34'14	26°11	8°27	29°59	13°44	16°36	29°58	2°1	14°5	26°22	3°R29	4°37	25°10	11°25	T 18
W19	11 47 31	28°34'16	10 <sup>h</sup> 56	10°2	1 <sup>h</sup> 13	14°31	16°48	0 <sup>h</sup> 5	2°4	14°7	26°21	3°29	4°34	25°17	11°27	W19
T 20	11 51 28	29°34'16	24°33	11°38	2°27	15°19	17°0	0°13	2°7	14°9	26°21	3°26	4°31	25°23	11°29	T 20
F 21	11 55 24	0 <sup>h</sup> 34'13	9 <sup>m</sup> 0	13°15	3°41	16°6	17°13	0°20	2°10	14°11	26°20	3°21	4°28	25°30	11°31	F 21
S 22	11 59 21	1°34'09	23°35	14°53	4°55	16°53	17°25	0°28	2°13	14°14	26°20	3°14	4°25	25°37	11°33	S 22
S 23	12 3 17	2°34'02	8 <sup>m</sup> 10	16°32	6°9	17°40	17°37	0°35	2°17	14°16	26°19	3°5	4°22	25°43	11°35	S 23
M24	12 7 14	3°33'53	22°39	18°12	7°23	18°28	17°48	0°42	2°20	14°18	26°19	2°55	4°18	25°50	11°38	M24
T 25	12 11 10	4°33'42	6 <sup>h</sup> 55	19°54	8°37	19°15	18°0	0°50	2°23	14°20	26°19	2°46	4°15	25°57	11°40	T 25
W26	12 15 7	5°33'30	20°52	21°36	9°51	20°2	18°12	0°57	2°26	14°22	26°18	2°38	4°12	26°3	11°42	W26
T 27	12 19 4	6°33'15	4 <sup>m</sup> 27	23°20	11°4	20°49	18°24	1°4	2°29	14°24	26°18	2°32	4°9	26°10	11°45	T 27
F 28	12 23 0	7°32'59	17°37	25°6	12°18	21°37	18°35	1°12	2°32	14°27	26°18	2°29	4°6	26°17	11°47	F 28
S 29	12 26 57	8°32'41	0 <sup>h</sup> 25	26°52	13°32	22°24	18°47	1°19	2°35	14°29	26°17	2°D27	4°2	26°24	11°50	S 29
S 30	12 30 53	9°32'21	12°51	28°39	14°46	23°11	18°58	1°26	2°38	14°31	26°17	2°28	3°59	26°30	11°52	S 30
M31	12 34 50	10 <sup>h</sup> 31'59	25 <sup>s</sup> 2	0 <sup>h</sup> 28	16 <sup>h</sup> 0	23 <sup>h</sup> 58	19 <sup>s</sup> 9	1 <sup>h</sup> 33	2 <sup>h</sup> 41	14 <sup>h</sup> 33	26 <sup>m</sup> 17	2 <sup>h</sup> 29	3 <sup>h</sup> 56	26 <sup>m</sup> 37	11 <sup>h</sup> 55	M31

Day	☉	☾		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	7s37	17s18	1n 6	16s48	0s29	17s58	0s 2	12s20	1s 5	17s14	0s23	2s37	1s57	11s43	0s43	7s 7	0s41	20n11	0s36	21n 5	21n 9	25s 7	17n13	4s51	
S 2	7 14	21 3	0 1	16 35	0 37	17 41	0 5	12 3	1 6	17 10	0 23	2 34	1 57	11 42	0 43	7 6	0 41	20 11	0 36	21 5	21 8	25 6	17 14	4 50	
M 3	6 51	23 46	1s 3	16 21	0 46	17 24	0 8	11 46	1 6	17 6	0 23	2 31	1 57	11 41	0 43	7 5	0 41	20 11	0 36	21 5	21 8	25 6	17 14	4 50	
T 4	6 28	25 24	2 3	16 5	0 54	17 6	0 11	11 30	1 6	17 3	0 23	2 28	1 57	11 40	0 43	7 4	0 41	20 12	0 35	21 5	21 7	25 5	17 14	4 50	
W 5	6 5	25 51	2 57	15 48	1 1	16 48	0 14	11 13	1 6	16 59	0 23	2 25	1 57	11 39	0 43	7 4	0 41	20 12	0 35	21 4	21 7	25 4	17 15	4 50	
T 6	5 41	25 7	3 43	15 30	1 8	16 29	0 17	10 55	1 6	16 55	0 23	2 23	1 57	11 37	0 43	7 3	0 41	20 12	0 35	21 4	21 6	25 4	17 15	4 49	
F 7	5 18	23 16	4 20	15 11	1 15	16 10	0 20	10 38	1 6	16 52	0 24	2 20	1 57	11 36	0 43	7 2	0 41	20 12	0 35	21 2	21 5	25 3	17 15	4 49	
S 8	4 54	20 23	4 46	14 51	1 22	15 50	0 23	10 21	1 6	16 48	0 24	2 17	1 57	11 35	0 43	7 1	0 41	20 13	0 35	21 0	21 5	25 3	17 16	4 49	
S 9	4 31	16 35	4 59	14 29	1 28	15 30	0 25	10 3	1 6	16 45	0 24	2 14	1 57	11 34	0 43	7 0	0 41	20 13	0 35	20 58	21 4	25 2	17 16	4 49	
M10	4 7	12 3	4 58	14 6	1 34	15 10	0 28	9 46	1 6	16 41	0 24	2 11	1 57	11 33	0 43	6 59	0 41	20 13	0 35	20 55	21 4	25 1	17 17	4 48	
T 11	3 44	6 57	4 44	13 42	1 39	14 49	0 31	9 28	1 5	16 37	0 24	2 8	1 57	11 31	0 43	6 58	0 41	20 13	0 35	20 53	21 3	25 1	17 17	4 48	
W12	3 20	1 29	4 15	13 17	1 45	14 28	0 33	9 11	1 5	16 34	0 24	2 5	1 57	11 30	0 43	6 58	0 41	20 13	0 35	20 51	21 3	25 0	17 18	4 48	
T 13	2 57	4n 8	3 33	12 50	1 49	14 6	0 36	8 53	1 5	16 30	0 24	2 2	1 57	11 29	0 43	6 57	0 41	20 14	0 35	20 49	21 2	24 59	17 18	4 48	
F 14	2 33	9 40	2 39	12 22	1 54	13 44	0 39	8 35	1 5	16 27	0 25	2 0	1 57	11 28	0 43	6 56	0 41	20 14	0 35	20 47	21 1	24 59	17 19	4 47	
S 15	2 9	14 51	1 35	11 54	1 58	13 21	0 41	8 17	1 5	16 23	0 25	1 57	1 57	11 27	0 43	6 55	0 41	20 14	0 35	20 47	21 1	24 58	17 19	4 47	
S 16	1 45	19 23	0 25	11 24	2 1	12 58	0 44	7 59	1 5	16 19	0 25	1 54	1 57	11 26	0 43	6 54	0 41	20 14	0 35	20 46	21 0	24 57	17 19	4 47	
M17	1 22	22 58	0n47	10 53	2 4	12 35	0 46	7 41	1 5	16 16	0 25	1 51	1 57	11 25	0 43	6 53	0 41	20 14	0 35	20 46	21 0	24 57	17 20	4 47	
T 18	0 58	25 16	1 58	10 20	2 7	12 11	0 48	7 23	1 5	16 12	0 25	1 48	1 57	11 23	0 43	6 52	0 41	20 14	0 34	20 47	20 59	24 56	17 20	4 46	
W19	0 34	26 0	3 3	9 47	2 10	11 48	0 51	7 4	1 5	16 9	0 25	1 45	1 57	11 22	0 43	6 52	0 41	20 15	0 34	20 46	20 59	24 55	17 21	4 46	
T 20	0 10	25 1	3 57	9 12	2 12	11 23	0 53	6 46	1 5	16 5	0 25	1 42	1 57	11 21	0 43	6 51	0 41	20 15	0 34	20 46	20 58	24 55	17 21	4 46	
F 21	0n14	22 23	4 37	8 37	2 13	10 59	0 55	6 28	1 5	16 2	0 25	1 39	1 57	11 20	0 43	6 50	0 41	20 15	0 34	20 45	20 57	24 54	17 22	4 46	
S 22	0 37	18 19	4 59	8 0	2 15	10 34	0 57	6 9	1 5	15 58	0 26	1 36	1 57	11 19	0 43	6 49	0 41	20 15	0 34	20 44	20 57	24 53	17 22	4 45	
S 23	1 1	13 9	5 2	7 23	2 15	10 9	0 59	5 51	1 5	15 55	0 26	1 34	1 57	11 18	0 43	6 48	0 41	20 15	0 34	20 42	20 56	24 53	17 23	4 45	
M24	1 25	7 17	4 46	6 44	2 16	9 43	1 1	5 32	1 4	15 51	0 26	1 31	1 57	11 17	0 43	6 47	0 41	20 15	0 34	20 40	20 56	24 52	17 23	4 45	
T 25	1 48	1 8	4 12	6 4	2 15	9 18	1 3	5 14	1 4	15 48	0 26	1 28	1 57	11 16	0 43	6 47	0 41	20 16	0 34	20 38	20 55	24 51	17 24	4 45	
W26	2 12	4s58	3 23	5 23	2 15	8 52	1 5	4 55	1 4	15 44	0 26	1 25	1 57	11 15	0 43	6 46	0 41	20 16	0 34	20 37	20 55	24 50	17 24	4 45	
T 27	2 36	10 41	2 24	4 41	2 14	8 25	1 7	4 36	1 4	15 41	0 26	1 22	1 57	11 13	0 43	6 45	0 41	20 16	0 34	20 36	20 54	24 50	17 25	4 44	
F 28	2 59	15 46	1 19	3 58	2 12	7 59	1 9	4 18	1 4	15 37	0 26	1 19	1 57	11 12	0 43	6 44	0 41	20 16	0 34	20 35	20 53	24 49	17 25	4 44	
S 29	3 23	19 59	0 11	3 14	2 10	7 32	1 11	3 59	1 4	15 34	0 27	1 16	1 57	11 11	0 43	6 43	0 41	20 16	0 34	20 35	20 53	24 48	17 26	4 44	
S 30	3 46	23 11	0s56	2 29	2 8	7 5	1 12	3 40	1 4	15 30	0 27	1 14	1 57	11 10	0 43	6 43	0 41	20 16	0 34	20 35	20 52	24 47	17 27	4 44	
M31	4n 9	25s14	1s58	1s43	2s 5	6s38	1s14	3s21	1s 3	15s27	0s27	1s11	1s57	11s 9	0s43	6s42	0s41	20n16	0s33	20n35	20n52	24s47	17n27	4s44	



## ASTRODIENST EPHEMERIS for the year 2673

MAY 2673

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 37 3	11♈ 4'38	8♋34	29♊57	24♊12	18♊12	24♋7	5♊9	3♊55	15♊29	26♊22	1°R20	2♊18	0♋5	13♊39	T 1
F 2	14 41 0	12° 3'14	20°29	1♊21	25°26	18°58	24°15	5°15	3°57	15°31	26°22	1♊20	2°14	0°11	13°43	F 2
S 3	14 44 56	13° 1'48	2♊32	2°41	26°39	19°44	24°22	5°22	3°59	15°32	26°23	1°19	2°11	0°18	13°47	S 3
S 4	14 48 53	14° 0'20	14°48	3°56	27°53	20°31	24°30	5°28	4° 1	15°34	26°23	1°17	2° 8	0°25	13°51	S 4
M 5	14 52 49	14°58'51	27°19	5° 7	29° 7	21°17	24°37	5°34	4° 2	15°35	26°24	1°15	2° 5	0°31	13°55	M 5
T 6	14 56 46	15°57'20	10♊9	6°12	0♊21	22° 3	24°44	5°40	4° 4	15°36	26°25	1°13	2° 2	0°38	13°59	T 6
W 7	15 0 42	16°55'47	23°19	7°12	1°35	22°50	24°51	5°47	4° 5	15°38	26°25	1°11	1°59	0°45	14° 3	W 7
T 8	15 4 39	17°54'13	6♊49	8° 7	2°49	23°36	24°57	5°53	4° 7	15°39	26°26	1° 9	1°55	0°51	14° 7	T 8
F 9	15 8 35	18°52'37	20°37	8°57	4° 2	24°22	25° 4	5°59	4° 8	15°40	26°27	1° 8	1°52	0°58	14°11	F 9
S 10	15 12 32	19°50'59	4♊42	9°41	5°16	25° 8	25°10	6° 5	4°10	15°42	26°27	1°D 8	1°49	1° 5	14°16	S 10
S 11	15 16 29	20°49'19	18°57	10°20	6°30	25°55	25°17	6°11	4°11	15°43	26°28	1° 9	1°46	1°12	14°20	S 11
M12	15 20 25	21°47'38	3♊20	10°54	7°44	26°41	25°23	6°17	4°13	15°44	26°29	1° 9	1°43	1°18	14°24	M12
T 13	15 24 22	22°45'55	17°45	11°22	8°58	27°27	25°29	6°22	4°14	15°45	26°30	1°10	1°39	1°25	14°28	T 13
W14	15 28 18	23°44'09	2♊8	11°45	10°11	28°13	25°35	6°28	4°15	15°46	26°30	1°11	1°36	1°32	14°33	W14
T 15	15 32 15	24°42'22	16°26	12° 3	11°25	28°59	25°40	6°34	4°16	15°47	26°31	1°11	1°33	1°38	14°37	T 15
F 16	15 36 11	25°40'32	0♊35	12°15	12°39	29°45	25°46	6°40	4°17	15°48	26°32	1°R11	1°30	1°45	14°41	F 16
S 17	15 40 8	26°38'41	14°35	12°22	13°53	0♊31	25°51	6°45	4°19	15°49	26°33	1°11	1°27	1°52	14°46	S 17
S 18	15 44 4	27°36'47	28°22	12°R23	15° 6	1°16	25°56	6°51	4°20	15°50	26°34	1°11	1°24	1°59	14°50	S 18
M19	15 48 1	28°34'52	11♊57	12°20	16°20	2° 2	26° 1	6°56	4°21	15°51	26°35	1°10	1°20	2° 5	14°54	M19
T 20	15 51 58	29°32'54	25°19	12°11	17°34	2°48	26° 6	7° 2	4°22	15°52	26°36	1°10	1°17	2°12	14°59	T 20
W21	15 55 54	0♊30'55	8♊27	11°58	18°48	3°34	26°11	7° 7	4°23	15°53	26°37	1°10	1°14	2°19	15° 3	W21
T 22	15 59 51	1°28'55	21°21	11°41	20° 1	4°19	26°15	7°12	4°23	15°54	26°38	1°D10	1°11	2°25	15° 8	T 22
F 23	16 3 47	2°26'53	4♊2	11°20	21°15	5° 5	26°20	7°18	4°24	15°55	26°39	1°R10	1° 8	2°32	15°12	F 23
S 24	16 7 44	3°24'49	16°30	10°55	22°29	5°50	26°24	7°23	4°25	15°56	26°40	1°10	1° 5	2°39	15°16	S 24
S 25	16 11 40	4°22'44	28°46	10°27	23°43	6°36	26°28	7°28	4°26	15°57	26°41	1°10	1° 1	2°45	15°21	S 25
M26	16 15 37	5°20'37	10♊51	9°56	24°56	7°21	26°31	7°33	4°26	15°57	26°42	1° 9	0°58	2°52	15°25	M26
T 27	16 19 33	6°18'29	22°49	9°24	26°10	8° 7	26°35	7°38	4°27	15°58	26°43	1° 9	0°55	2°59	15°30	T 27
W28	16 23 30	7°16'20	4♊43	8°50	27°24	8°52	26°38	7°43	4°28	15°59	26°44	1° 8	0°52	3° 6	15°34	W28
T 29	16 27 27	8°14'10	16°35	8°15	28°37	9°38	26°42	7°48	4°28	16° 0	26°45	1° 7	0°49	3°12	15°39	T 29
F 30	16 31 23	9°11'58	28°30	7°40	29°51	10°23	26°45	7°52	4°29	16° 0	26°46	1° 7	0°45	3°19	15°43	F 30
S 31	16 35 20	10♊9'46	10♊32	7♊6	1♊5	11♊8	26°48	7°57	4°29	16° 1	26°47	1°D 6	0♊42	3°26	15°48	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	15n 6	22s44	4s51	22n19	2n19	7n57	1s30	6n16	0s54	13s56	0s32	0n12	2s 1	10s43	0s44	T 1
F 2	15 24	19 30	5 10	22 43	2 25	8 24	1 30	6 34	0 54	13 54	0 32	0 14	2 1	10 43	0 44	F 2
S 3	15 42	15 26	5 15	23 4	2 30	8 51	1 29	6 52	0 54	13 52	0 33	0 16	2 1	10 42	0 44	S 3
S 4	15 59	10 41	5 7	23 23	2 34	9 18	1 28	7 10	0 53	13 50	0 33	0 19	2 1	10 41	0 44	S 4
M 5	16 16	5 24	4 43	23 40	2 38	9 45	1 28	7 28	0 53	13 47	0 33	0 21	2 1	10 41	0 44	M 5
T 6	16 33	0n14	4 6	23 53	2 40	10 12	1 27	7 45	0 52	13 45	0 33	0 23	2 1	10 40	0 44	T 6
W 7	16 50	6 1	3 14	24 5	2 41	10 38	1 26	8 3	0 52	13 43	0 33	0 26	2 1	10 40	0 44	W 7
T 8	17 6	11 41	2 10	24 14	2 42	11 4	1 25	8 20	0 51	13 41	0 34	0 28	2 2	10 39	0 44	T 8
F 9	17 22	16 55	0 58	24 22	2 41	11 30	1 24	8 37	0 51	13 39	0 34	0 30	2 2	10 39	0 44	F 9
S 10	17 38	21 19	0n20	24 27	2 39	11 56	1 23	8 55	0 50	13 37	0 34	0 32	2 2	10 38	0 44	S 10
S 11	17 54	24 30	1 37	24 29	2 36	12 21	1 22	9 12	0 50	13 35	0 34	0 34	2 2	10 38	0 45	S 11
M12	18 9	26 8	2 49	24 30	2 32	12 46	1 21	9 29	0 50	13 33	0 34	0 37	2 2	10 37	0 45	M12
T 13	18 24	25 59	3 50	24 29	2 26	13 11	1 19	9 46	0 49	13 32	0 35	0 39	2 2	10 37	0 45	T 13
W14	18 38	24 7	4 37	24 25	2 20	13 35	1 18	10 3	0 49	13 30	0 35	0 41	2 3	10 37	0 45	W14
T 15	18 53	20 43	5 6	24 20	2 12	13 59	1 17	10 19	0 48	13 28	0 35	0 43	2 3	10 36	0 45	T 15
F 16	19 7	16 10	5 17	24 13	2 3	14 23	1 15	10 36	0 48	13 26	0 35	0 45	2 3	10 36	0 45	F 16
S 17	19 20	10 47	5 8	24 4	1 53	14 46	1 14	10 52	0 47	13 25	0 35	0 47	2 3	10 35	0 45	S 17
S 18	19 33	4 58	4 42	23 53	1 42	15 9	1 13	11 9	0 47	13 23	0 36	0 49	2 3	10 35	0 45	S 18
M19	19 46	1s 1	4 0	23 40	1 30	15 32	1 11	11 25	0 46	13 22	0 36	0 51	2 4	10 35	0 45	M19
T 20	19 59	6 52	3 6	23 26	1 16	15 54	1 9	11 41	0 46	13 20	0 36	0 53	2 4	10 34	0 45	T 20
W21	20 11	12 20	2 3	23 10	1 2	16 16	1 8	11 57	0 45	13 19	0 36	0 55	2 4	10 34	0 45	W21
T 22	20 23	17 10	0 54	22 53	0 47	16 37	1 6	12 13	0 45	13 18	0 37	0 57	2 4	10 34	0 45	T 22
F 23	20 35	21 8	0s16	22 34	0 31	16 58	1 4	12 29	0 44	13 16	0 37	0 59	2 4	10 34	0 45	F 23
S 24	20 46	24 4	1 24	22 15	0 15	17 19	1 3	12 44	0 44	13 15	0 37	1 1	2 5	10 33	0 45	S 24
S 25	20 56	25 48	2 27	21 54	0s 2	17 39	1 1	13 0	0 43	13 14	0 37	1 2	2 5	10 33	0 45	S 25
M26	21 7	26 17	3 23	21 32	0 20	17 59	0 59	13 15	0 42	13 13	0 37	1 4	2 5	10 33	0 45	M26
T 27	21 17	25 31	4 9	21 10	0 37	18 18	0 57	13 30	0 42	13 12	0 38	1 6	2 5	10 33	0 45	T 27
W28	21 27	23 36	4 44	20 47	0 55	18 37	0 55	13 45	0 41	13 11	0 38	1 8	2 5	10 33	0 45	W28
T 29	21 36	20 41	5 7	20 24	1 13	18 55	0 53	14 0	0 41	13 10	0 38	1 9	2 6	10 32	0 45	T 29
F 30	21 45	16 54	5 16	20 2	1 30	19 13	0 51	14 15	0 40	13 9	0 38	1 11	2 6	10 32	0 45	F 30
S 31	21n54	12s24	5s12	19n40	1s47	19n30	0s49	14n29	0s40	13s 9	0s39	1n13	2s 6	10s32	0s45	S 31

Julian Day Number = 2697473.5, Delta T = 25m15s

Ecliptic obliquity = 23°21'11, Nutation = - 0°00'16

Ayanamsha: Fagan/Bradley = 34°09'34, Lahiri = 33°16'34

## ASTRODIENST EPHEMERIS for the year 2673

JUNE 2673

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 39 16	11II 7'32	22K46	6°R32	2II19	11B53	26A50	8°Y 2	4K29	16K 1	26B48	1II 7	0II39	3A32	15II52	S 1
M 2	16 43 13	12° 5'17	5°Y16	6II 0	3°32	12°38	26°53	8° 6	4°30	16° 2	26°49	1° 7	0°36	3°39	15°57	M 2
T 3	16 47 9	13° 3'01	18° 6	5°30	4°46	13°24	26°55	8°11	4°30	16° 2	26°51	1° 8	0°33	3°46	16° 1	T 3
W 4	16 51 6	14° 0'44	1B19	5° 3	6° 0	14° 9	26°57	8°15	4°30	16° 3	26°52	1° 9	0°30	3°53	16° 6	W 4
T 5	16 55 2	14°58'26	14°57	4°39	7°13	14°54	26°59	8°19	4°30	16° 3	26°53	1°10	0°26	3°59	16°10	T 5
F 6	16 58 59	15°56'07	28°58	4°18	8°27	15°39	27° 1	8°24	4°31	16° 4	26°54	1°R11	0°23	4° 6	16°15	F 6
S 7	17 2 56	16°53'47	13II21	4° 0	9°41	16°23	27° 3	8°28	4°31	16° 4	26°55	1°10	0°20	4°13	16°20	S 7
S 8	17 6 52	17°51'26	28° 1	3°47	10°55	17° 8	27° 4	8°32	4°R31	16° 4	26°57	1° 9	0°17	4°19	16°24	S 8
M 9	17 10 49	18°49'04	12B50	3°38	12° 8	17°53	27° 5	8°36	4°31	16° 5	26°58	1° 8	0°14	4°26	16°29	M 9
T 10	17 14 45	19°46'40	27°41	3°33	13°22	18°38	27° 6	8°40	4°31	16° 5	26°59	1° 5	0°11	4°33	16°33	T 10
W11	17 18 42	20°44'15	12B27	3°D32	14°36	19°22	27° 7	8°44	4°30	16° 5	27° 1	1° 3	0° 7	4°40	16°38	W11
T 12	17 22 38	21°41'49	27° 0	3°36	15°49	20° 7	27° 8	8°47	4°30	16° 6	27° 2	1° 1	0° 4	4°46	16°42	T 12
F 13	17 26 35	22°39'21	11B17	3°45	17° 3	20°52	27° 8	8°51	4°30	16° 6	27° 3	1° 0	0° 1	4°53	16°47	F 13
S 14	17 30 32	23°36'52	25°16	3°57	18°17	21°36	27° 8	8°55	4°30	16° 6	27° 4	0°D59	29B58	5° 0	16°51	S 14
S 15	17 34 28	24°34'21	8B54	4°15	19°30	22°21	27°R 9	8°58	4°30	16° 6	27° 6	1° 0	29°55	5° 6	16°56	S 15
M16	17 38 25	25°31'50	22°14	4°36	20°44	23° 5	27° 8	9° 1	4°29	16° 6	27° 7	1° 1	29°51	5°13	17° 0	M16
T 17	17 42 21	26°29'17	5B16	5° 2	21°58	23°49	27° 8	9° 5	4°29	16° 6	27° 9	1° 3	29°48	5°20	17° 5	T 17
W18	17 46 18	27°26'43	18° 4	5°33	23°11	24°34	27° 8	9° 8	4°28	16°R 6	27°10	1° 4	29°45	5°26	17° 9	W18
T 19	17 50 14	28°24'08	0B38	6° 7	24°25	25°18	27° 7	9°11	4°28	16° 6	27°11	1°R 4	29°42	5°33	17°14	T 19
F 20	17 54 11	29°21'32	13° 1	6°46	25°39	26° 2	27° 6	9°14	4°27	16° 6	27°13	1° 4	29°39	5°40	17°18	F 20
S 21	17 58 7	0B18'56	25°14	7°29	26°53	26°46	27° 5	9°17	4°27	16° 6	27°14	1° 2	29°36	5°47	17°23	S 21
S 22	18 2 4	1°16'18	7B20	8°15	28° 6	27°30	27° 4	9°20	4°26	16° 6	27°16	0°58	29°32	5°53	17°27	S 22
M23	18 6 1	2°13'40	19°19	9° 6	29°20	28°14	27° 2	9°23	4°25	16° 6	27°17	0°54	29°29	6° 0	17°32	M23
T 24	18 9 57	3°11'01	1A14	10° 0	0B34	28°58	27° 0	9°25	4°25	16° 6	27°18	0°48	29°26	6° 7	17°36	T 24
W25	18 13 54	4° 8'21	13° 6	10°58	1°47	29°42	26°59	9°28	4°24	16° 5	27°20	0°42	29°23	6°13	17°40	W25
T 26	18 17 50	5° 5'41	24°58	12° 0	3° 1	0II26	26°57	9°31	4°23	16° 5	27°21	0°37	29°20	6°20	17°45	T 26
F 27	18 21 47	6° 3'01	6K53	13° 5	4°15	1° 9	26°54	9°33	4°22	16° 5	27°23	0°32	29°17	6°27	17°49	F 27
S 28	18 25 43	7° 0'20	18°55	14°14	5°28	1°53	26°52	9°35	4°21	16° 5	27°24	0°29	29°13	6°34	17°54	S 28
S 29	18 29 40	7°57'39	1Y 7	15°26	6°42	2°37	26°49	9°38	4°20	16° 4	27°26	0°28	29°10	6°40	17°58	S 29
M30	18 33 36	8B54'57	13Y34	16II42	7B56	3II20	26A47	9Y40	4K19	16K 4	27B27	0°D27	29B 7	6A47	18II 2	M30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	22n 2	7s22	4s54	19n18	2s 3	19n47	0s47	14n44	0s39	13s 8	0s39	1n14	2s 6	10s32	0s45	6s 9
M 2	22 10	1 56	4 22	18 57	2 19	20 3	0 45	14 58	0 39	13 7	0 39	1 16	2 6	10 32	0 45	6 9
T 3	22 17	3n44	3 36	18 37	2 34	20 19	0 43	15 12	0 38	13 7	0 39	1 17	2 7	10 32	0 45	6 9
W 4	22 24	9 26	2 38	18 19	2 47	20 34	0 41	15 26	0 37	13 6	0 40	1 19	2 7	10 32	0 45	6 9
T 5	22 31	14 51	1 29	18 2	3 0	20 48	0 38	15 40	0 37	13 6	0 40	1 20	2 7	10 32	0 46	6 9
F 6	22 37	19 40	0 12	17 47	3 12	21 2	0 36	15 53	0 36	13 5	0 40	1 22	2 7	10 32	0 46	6 9
S 7	22 43	23 26	1n 7	17 33	3 22	21 16	0 34	16 7	0 36	13 5	0 40	1 23	2 8	10 32	0 46	6 8
S 8	22 48	25 43	2 23	17 22	3 32	21 29	0 32	16 20	0 35	13 5	0 40	1 25	2 8	10 32	0 46	6 8
M 9	22 53	26 13	3 30	17 12	3 40	21 41	0 29	16 33	0 34	13 5	0 41	1 26	2 8	10 32	0 46	6 8
T 10	22 58	24 51	4 23	17 4	3 47	21 52	0 27	16 46	0 34	13 4	0 41	1 27	2 8	10 32	0 46	6 8
W11	23 2	21 47	4 58	16 59	3 53	22 3	0 25	16 59	0 33	13 4	0 41	1 29	2 9	10 32	0 46	6 8
T 12	23 6	17 23	5 14	16 55	3 57	22 14	0 22	17 11	0 32	13 4	0 41	1 30	2 9	10 32	0 46	6 8
F 13	23 9	12 5	5 10	16 53	4 1	22 24	0 20	17 24	0 32	13 4	0 42	1 31	2 9	10 32	0 46	6 8
S 14	23 12	6 16	4 47	16 53	4 3	22 33	0 18	17 36	0 31	13 5	0 42	1 32	2 9	10 32	0 46	6 8
S 15	23 15	0 18	4 9	16 55	4 4	22 41	0 15	17 48	0 31	13 5	0 42	1 33	2 9	10 32	0 46	6 8
M16	23 17	5s34	3 17	16 58	4 5	22 49	0 13	18 0	0 30	13 5	0 42	1 35	2 10	10 33	0 46	6 8
T 17	23 18	11 5	2 17	17 4	4 4	22 56	0 11	18 11	0 29	13 5	0 43	1 36	2 10	10 33	0 46	6 8
W18	23 20	16 1	1 11	17 11	4 2	23 2	0 8	18 23	0 29	13 6	0 43	1 37	2 10	10 33	0 46	6 8
T 19	23 21	20 10	0 2	17 19	3 59	23 8	0 6	18 34	0 28	13 6	0 43	1 38	2 10	10 33	0 46	6 8
F 20	23 21	23 21	1s 5	17 29	3 56	23 13	0 3	18 45	0 27	13 7	0 43	1 39	2 11	10 33	0 46	6 8
S 21	23 21	25 24	2 8	17 40	3 52	23 18	0 1	18 56	0 27	13 7	0 44	1 40	2 11	10 34	0 46	6 8
S 22	23 21	26 14	3 5	17 53	3 46	23 22	0n 1	19 7	0 26	13 8	0 44	1 40	2 11	10 34	0 46	6 8
M23	23 20	25 49	3 53	18 6	3 41	23 25	0 4	19 17	0 25	13 9	0 44	1 41	2 12	10 34	0 46	6 8
T 24	23 19	24 13	4 31	18 20	3 34	23 27	0 6	19 27	0 25	13 10	0 44	1 42	2 12	10 35	0 46	6 8
W25	23 17	21 33	4 57	18 36	3 27	23 29	0 8	19 37	0 24	13 10	0 45	1 43	2 12	10 35	0 46	6 9
T 26	23 15	18 0	5 9	18 51	3 19	23 30	0 11	19 47	0 23	13 11	0 45	1 44	2 12	10 35	0 46	6 9
F 27	23 13	13 44	5 9	19 8	3 11	23 30	0 13	19 57	0 22	13 12	0 45	1 44	2 13	10 36	0 46	6 9
S 28	23 10	8 54	4 55	19 25	3 2	23 30	0 16	20 7	0 22	13 13	0 45	1 45	2 13	10 36	0 46	6 9
S 29	23 7	3 39	4 28	19 42	2 52	23 29	0 18	20 16	0 21	13 14	0 46	1 46	2 13	10 36	0 46	6 9
M30	23n 3	1n50	3s47	20n 0	2s42	23n27	0n20	20n25	0s20	13s16	0s46	1n46	2s13	10s37	0s46	6s 9

Julian Day Number = 2697504.5, Delta T = 25m16s

Ecliptic obliquity = 23°21'11", Nutation = - 0°00'16"

Ayanamsha: Fagan/Bradley = 34°09'39", Lahiri = 33°16'38"

## ASTRODIENST EPHEMERIS for the year 2673

JULY 2673

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 37 33	9°52'15	26°20	18°11	9°52	10°42	26°44	9°42	4°18	16°3	27°29	0°28	29°4	6°54	18°11	T 1
W 2	18 41 30	10°49'33	9°29	19°23	10°23	4°47	26°44	9°44	4°17	16°3	27°30	0°30	29°1	7°0	18°11	W 2
T 3	18 45 26	11°46'51	23°5	20°49	11°37	5°31	26°37	9°46	4°16	16°3	27°32	0°31	28°57	7°7	18°15	T 3
F 4	18 49 23	12°44'09	7°11	22°18	12°51	6°14	26°34	9°47	4°15	16°2	27°33	0°R31	28°54	7°14	18°19	F 4
S 5	18 53 19	13°41'27	21°38	23°50	14°5	6°57	26°30	9°49	4°14	16°2	27°35	0°29	28°51	7°21	18°24	S 5
S 6	18 57 16	14°38'44	6°29	25°25	15°18	7°41	26°26	9°50	4°13	16°1	27°36	0°26	28°48	7°27	18°28	S 6
M 7	19 1 12	15°36'01	21°35	27°4	16°32	8°24	26°22	9°52	4°11	16°0	27°38	0°20	28°45	7°34	18°32	M 7
T 8	19 5 9	16°33'18	6°47	28°46	17°46	9°7	26°18	9°53	4°10	16°0	27°39	0°14	28°42	7°41	18°36	T 8
W 9	19 9 5	17°30'34	21°53	0°31	19°0	9°50	26°14	9°55	4°9	15°59	27°41	0°7	28°38	7°47	18°40	W 9
T 10	19 13 2	18°27'50	6°45	2°18	20°13	10°33	26°9	9°56	4°7	15°59	27°42	0°1	28°35	7°54	18°45	T 10
F 11	19 16 59	19°25'06	21°16	4°9	21°27	11°16	26°4	9°57	4°6	15°58	27°44	29°56	28°32	8°1	18°49	F 11
S 12	19 20 55	20°22'20	5°21	6°2	22°41	11°59	26°0	9°58	4°4	15°57	27°46	29°53	28°29	8°8	18°53	S 12
S 13	19 24 52	21°19'35	19°0	7°58	23°55	12°41	25°55	9°59	4°3	15°56	27°47	29°D52	28°26	8°14	18°57	S 13
M14	19 28 48	22°16'49	2°15	9°57	25°8	13°24	25°49	9°59	4°1	15°56	27°49	29°52	28°23	8°21	19°1	M14
T 15	19 32 45	23°14'03	15°8	11°58	26°22	14°7	25°44	10°0	4°0	15°55	27°50	29°53	28°19	8°28	19°5	T 15
W16	19 36 41	24°11'16	27°43	14°0	27°36	14°49	25°39	10°1	3°58	15°54	27°52	29°R54	28°16	8°34	19°9	W16
T 17	19 40 38	25°8'29	10°4	16°5	28°50	15°32	25°33	10°1	3°56	15°53	27°53	29°53	28°13	8°41	19°13	T 17
F 18	19 44 34	26°5'43	22°14	18°11	0°4	16°14	25°27	10°1	3°55	15°52	27°55	29°51	28°10	8°48	19°17	F 18
S 19	19 48 31	27°2'56	4°17	20°19	1°17	16°56	25°22	10°2	3°53	15°51	27°56	29°46	28°7	8°55	19°20	S 19
S 20	19 52 28	28°0'09	16°14	22°27	2°31	17°39	25°16	10°2	3°51	15°50	27°58	29°39	28°3	9°1	19°24	S 20
M21	19 56 24	28°57'22	28°8	24°36	3°45	18°21	25°9	10°R 2	3°49	15°49	28°0	29°30	28°0	9°8	19°28	M21
T 22	20 0 21	29°54'35	10°0	26°46	4°59	19°3	25°3	10°2	3°47	15°48	28°1	29°19	27°57	9°15	19°32	T 22
W23	20 4 17	0°51'48	21°53	28°55	6°13	19°45	24°57	10°2	3°46	15°47	28°3	29°7	27°54	9°21	19°35	W23
T 24	20 8 14	1°49'02	3°47	1°5	7°26	20°27	24°50	10°1	3°44	15°46	28°4	28°56	27°51	9°28	19°39	T 24
F 25	20 12 10	2°46'16	15°44	3°14	8°40	21°9	24°44	10°1	3°42	15°45	28°6	28°47	27°48	9°35	19°43	F 25
S 26	20 16 7	3°43'31	27°48	5°22	9°54	21°51	24°37	10°1	3°40	15°44	28°7	28°39	27°44	9°42	19°46	S 26
S 27	20 20 3	4°40'46	10°1	7°29	11°8	22°33	24°30	10°0	3°38	15°43	28°9	28°34	27°41	9°48	19°50	S 27
M28	20 24 0	5°38'01	22°27	9°36	12°22	23°15	24°23	9°59	3°36	15°42	28°10	28°31	27°38	9°55	19°54	M28
T 29	20 27 57	6°35'17	5°8	11°41	13°35	23°56	24°16	9°59	3°34	15°41	28°12	28°D30	27°35	10°2	19°57	T 29
W30	20 31 53	7°32'34	18°13	13°45	14°49	24°38	24°9	9°58	3°32	15°39	28°14	28°31	27°32	10°8	20°0	W30
T 31	20 35 50	8°29'52	1°42	15°47	16°3	25°12	24°2	9°57	3°30	15°38	28°15	28°R31	27°29	10°15	20°11	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	22n59	7n24	2s55	20n17	2s32	23n25	0n23	20n34	0s20	13s17	0s46	1n47	2s14	10s37	0s47	T 1
W 2	22 55	12 50	1 52	20 35	2 21	23 22	0 25	20 42	0 19	13 18	0 46	1 47	2 14	10 38	0 47	W 2
T 3	22 50	17 50	0 40	20 52	2 10	23 18	0 27	20 51	0 18	13 20	0 46	1 48	2 14	10 38	0 47	T 3
F 4	22 45	22 1	0n36	21 9	1 59	23 13	0 29	20 59	0 18	13 21	0 47	1 48	2 14	10 38	0 47	F 4
S 5	22 39	24 57	1 52	21 25	1 47	23 8	0 32	21 7	0 17	13 22	0 47	1 49	2 15	10 39	0 47	S 5
S 6	22 33	26 13	3 2	21 41	1 36	23 2	0 34	21 15	0 16	13 24	0 47	1 49	2 15	10 39	0 47	S 6
M 7	22 27	25 35	4 1	21 56	1 24	22 56	0 36	21 22	0 15	13 25	0 47	1 49	2 15	10 40	0 47	M 7
T 8	22 20	23 4	4 42	22 9	1 12	22 48	0 38	21 30	0 15	13 27	0 48	1 50	2 15	10 40	0 47	T 8
W 9	22 13	18 57	5 4	22 22	0 59	22 41	0 40	21 37	0 14	13 29	0 48	1 50	2 16	10 41	0 47	W 9
T 10	22 5	13 44	5 5	22 33	0 47	22 32	0 42	21 44	0 13	13 31	0 48	1 50	2 16	10 41	0 47	T 10
F 11	21 57	7 51	4 47	22 42	0 35	22 23	0 44	21 51	0 12	13 32	0 48	1 50	2 16	10 42	0 47	F 11
S 12	21 49	1 43	4 11	22 50	0 23	22 13	0 46	21 57	0 12	13 34	0 48	1 50	2 17	10 43	0 47	S 12
S 13	21 40	4s18	3 22	22 56	0 11	22 2	0 48	22 3	0 11	13 36	0 49	1 50	2 17	10 43	0 47	S 13
M14	21 31	9 58	2 23	22 59	0n 0	21 51	0 50	22 9	0 10	13 38	0 49	1 50	2 17	10 44	0 47	M14
T 15	21 25	14 4	1 19	23 0	0 11	21 39	0 52	22 15	0 9	13 40	0 49	1 50	2 17	10 44	0 47	T 15
W16	21 12	19 23	0 12	22 59	0 22	21 27	0 54	22 21	0 9	13 42	0 49	1 50	2 18	10 45	0 47	W16
T 17	21 2	22 46	0s54	22 56	0 33	21 14	0 56	22 26	0 8	13 44	0 50	1 50	2 18	10 46	0 47	T 17
F 18	20 51	25 4	1 57	22 50	0 43	21 0	0 58	22 32	0 7	13 46	0 50	1 50	2 18	10 46	0 47	F 18
S 19	20 40	26 10	2 53	22 41	0 52	20 46	1 0	22 37	0 6	13 48	0 50	1 50	2 18	10 47	0 47	S 19
S 20	20 29	26 2	3 41	22 29	1 1	20 31	1 1	22 41	0 6	13 51	0 50	1 50	2 19	10 48	0 47	S 20
M21	20 18	24 42	4 19	22 15	1 9	20 16	1 3	22 46	0 5	13 53	0 50	1 50	2 19	10 48	0 47	M21
T 22	20 6	22 16	4 46	21 58	1 16	20 0	1 5	22 50	0 4	13 55	0 51	1 49	2 19	10 49	0 47	T 22
W23	19 54	18 54	5 1	21 39	1 23	19 43	1 6	22 54	0 3	13 57	0 51	1 49	2 20	10 50	0 47	W23
T 24	19 41	14 46	5 2	21 17	1 28	19 26	1 8	22 58	0 3	14 0	0 51	1 49	2 20	10 50	0 47	T 24
F 25	19 28	10 4	4 50	20 53	1 33	19 8	1 9	23 2	0 2	14 2	0 51	1 48	2 20	10 51	0 47	F 25
S 26	19 15	4 56	4 25	20 26	1 38	18 50	1 11	23 5	0 1	14 5	0 51	1 48	2 20	10 52	0 47	S 26
S 27	19 1	0n27	3 48	19 58	1 41	18 32	1 12	23 8	0 0	14 7	0 52	1 47	2 21	10 53	0 47	S 27
M28	18 48	5 56	2 59	19 27	1 44	18 12	1 13	23 11	0n 1	14 10	0 52	1 47	2 21	10 53	0 47	M28
T 29	18 34	11 18	2 1	18 55	1 46	17 53	1 15	23 14	0 1	14 12	0 52	1 46	2 21	10 54	0 47	T 29
W30	18 19	16 19	0 54	18 21	1 47	17 32	1 16	23 17	0 2	14 15	0 52	1 46	2 21	10 55	0 47	W30
T 31	18n 4	20n42	0n17	17n45	1n47	17n12	1n17	23n19	0n 3	14s17	0s52	1n45	2s22	10s56	0s47	T 31

Julian Day Number = 2697534.5, Delta T = 25m16s

Ecliptic obliquity = 23°21'11, Nutation = - 0°00'14

Ayanamsha: Fagan/Bradley = 34°09'43, Lahiri = 33°16'43

## ASTRODIENST EPHEMERIS for the year 2673

AUGUST 2673

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	20 39 46	9♂27'10	15♂39	17♂48	17♂17	26♂1	23°R55	9°R56	3°R28	15°R37	28♂17	28°R30	27♂25	10♂22	20♂7	F 1
S 2	20 43 43	10°24'30	0♂3	19°47	18°31	26°42	23♂47	9°Y55	3°X25	15°X36	28°18	28♂27	27°22	10°29	20°11	S 2
S 3	20 47 39	11°21'50	14°52	21°45	19°45	27°24	23°40	9°54	3°23	15°35	28°20	28°21	27°19	10°35	20°14	S 3
M 4	20 51 36	12°19'11	0♂1	23°41	20°59	28°5	23°32	9°52	3°21	15°33	28°21	28°13	27°16	10°42	20°17	M 4
T 5	20 55 33	13°16'32	15°19	25°35	22°13	28°46	23°25	9°51	3°19	15°32	28°23	28°3	27°13	10°49	20°20	T 5
W 6	20 59 29	14°13'54	0♂36	27°28	23°26	29°27	23°17	9°49	3°17	15°31	28°24	27°53	27°9	10°56	20°24	W 6
T 7	21 3 26	15°11'16	15°39	29°18	24°40	0♂8	23°10	9°48	3°15	15°29	28°26	27°43	27°6	11°2	20°27	T 7
F 8	21 7 22	16°8'39	0♂22	1♂8	25°54	0°49	23°2	9°46	3°12	15°28	28°27	27°35	27°3	11°9	20°30	F 8
S 9	21 11 19	17°6'02	14°36	2°55	27°8	1°30	22°54	9°44	3°10	15°26	28°29	27°29	27°0	11°16	20°33	S 9
S 10	21 15 15	18°3'26	28°22	4°41	28°22	2°11	22°47	9°42	3°8	15°25	28°30	27°26	26°57	11°22	20°36	S 10
M 11	21 19 12	19°0'51	11♂39	6°25	29°36	2°52	22°39	9°40	3°5	15°24	28°32	27°25	26°54	11°29	20°39	M 11
T 12	21 23 8	19°58'15	24°31	8°7	0♂50	3°33	22°31	9°38	3°3	15°22	28°33	27°25	26°50	11°36	20°42	T 12
W 13	21 27 5	20°55'41	7♂1	9°48	2°4	4°13	22°23	9°36	3°1	15°21	28°35	27°25	26°47	11°43	20°44	W 13
T 14	21 31 1	21°53'07	19°18	11°27	3°18	4°54	22°15	9°34	2°59	15°19	28°36	27°24	26°44	11°49	20°47	T 14
F 15	21 34 58	22°50'34	1♂22	13°4	4°31	5°34	22°8	9°31	2°56	15°18	28°38	27°20	26°41	11°56	20°50	F 15
S 16	21 38 55	23°48'01	13°18	14°40	5°45	6°14	22°0	9°29	2°54	15°16	28°39	27°14	26°38	12°3	20°53	S 16
S 17	21 42 51	24°45'29	25°11	16°14	6°59	6°55	21°52	9°26	2°51	15°15	28°41	27°5	26°35	12°9	20°55	S 17
M 18	21 46 48	25°42'58	7♂2	17°47	8°13	7°35	21°44	9°24	2°49	15°13	28°42	26°53	26°31	12°16	20°58	M 18
T 19	21 50 44	26°40'28	18°55	19°17	9°27	8°15	21°36	9°21	2°47	15°12	28°43	26°40	26°28	12°23	21°0	T 19
W 20	21 54 41	27°37'59	0♂50	20°46	10°41	8°55	21°29	9°18	2°44	15°10	28°45	26°26	26°25	12°30	21°3	W 20
T 21	21 58 37	28°35'31	12°49	22°14	11°55	9°35	21°21	9°16	2°42	15°9	28°46	26°12	26°22	12°36	21°5	T 21
F 22	22 2 34	29°33'04	24°54	23°39	13°9	10°15	21°13	9°13	2°40	15°7	28°48	26°0	26°19	12°43	21°7	F 22
S 23	22 6 30	0♂30'38	7°Y5	25°3	14°23	10°55	21°6	9°10	2°37	15°6	28°49	25°51	26°15	12°50	21°10	S 23
S 24	22 10 27	1°28'14	19°24	26°26	15°36	11°35	20°58	9°7	2°35	15°4	28°50	25°44	26°12	12°56	21°12	S 24
M 25	22 14 24	2°25'50	1♂55	27°46	16°50	12°14	20°51	9°3	2°32	15°2	28°52	25°40	26°9	13°3	21°14	M 25
T 26	22 18 20	3°23'29	14°40	29°5	18°4	12°54	20°43	9°0	2°30	15°1	28°53	25°38	26°6	13°10	21°16	T 26
W 27	22 22 17	4°21'09	27°43	0♂21	19°18	13°33	20°36	8°57	2°28	14°59	28°54	25°38	26°3	13°17	21°18	W 27
T 28	22 26 13	5°18'50	11♂7	1°36	20°32	14°13	20°28	8°53	2°25	14°58	28°56	25°38	26°0	13°23	21°20	T 28
F 29	22 30 10	6°16'33	24°55	2°49	21°46	14°52	20°21	8°50	2°23	14°56	28°57	25°37	25°56	13°30	21°22	F 29
S 30	22 34 6	7°14'18	9♂8	4°0	23°0	15°32	20°14	8°46	2°21	14°54	28°58	25°34	25°53	13°37	21°24	S 30
S 31	22 38 3	8♂12'04	23♂44	5♂9	24♂14	16♂11	20♂7	8°Y43	2°X18	14°X53	29♂0	25♂29	25♂50	13♂43	21♂26	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	17n49	24n4	1n30	17n9	1n47	16n50	1n18	23n21	0n4	14s20	0s52	1n45	2s22	10s56	0s47	F 1
S 2	17 34	26 0	2 39	16 31	1 46	16 29	1 19	23 23	0 5	14 22	0 53	1 44	2 22	10 57	0 47	S 2
S 3	17 18	26 0	3 39	15 52	1 45	16 7	1 20	23 25	0 5	14 25	0 53	1 43	2 22	10 58	0 47	S 3
M 4	17 3	24 24	4 26	15 12	1 43	15 44	1 21	23 27	0 6	14 27	0 53	1 42	2 23	10 59	0 47	M 4
T 5	16 46	20 52	4 54	14 31	1 40	15 21	1 22	23 28	0 7	14 30	0 53	1 42	2 23	11 0	0 47	T 5
W 6	16 30	15 55	5 1	13 50	1 37	14 58	1 23	23 29	0 8	14 33	0 53	1 41	2 23	11 0	0 47	W 6
T 7	16 13	10 2	4 47	13 8	1 33	14 34	1 23	23 30	0 9	14 35	0 53	1 40	2 23	11 1	0 48	T 7
F 8	15 56	3 44	4 14	12 25	1 29	14 10	1 24	23 31	0 9	14 38	0 54	1 39	2 24	11 2	0 48	F 8
S 9	15 39	2s34	3 26	11 42	1 24	13 45	1 25	23 31	0 10	14 41	0 54	1 38	2 24	11 3	0 48	S 9
S 10	15 22	8 34	2 27	10 59	1 19	13 20	1 25	23 31	0 11	14 43	0 54	1 37	2 24	11 4	0 48	S 10
M 11	15 4	13 58	1 22	10 16	1 13	12 55	1 26	23 31	0 12	14 46	0 54	1 36	2 24	11 4	0 48	M 11
T 12	14 46	18 35	0 15	9 32	1 7	12 29	1 26	23 31	0 13	14 49	0 54	1 35	2 25	11 5	0 48	T 12
W 13	14 28	22 14	0s51	8 48	1 1	12 3	1 27	23 31	0 14	14 51	0 54	1 34	2 25	11 6	0 48	W 13
T 14	14 10	24 48	1 53	8 5	0 54	11 37	1 27	23 30	0 14	14 54	0 54	1 33	2 25	11 7	0 48	T 14
F 15	13 51	26 10	2 49	7 21	0 47	11 10	1 27	23 29	0 15	14 57	0 54	1 32	2 25	11 8	0 48	F 15
S 16	13 32	26 17	3 37	6 37	0 39	10 43	1 27	23 28	0 16	14 59	0 55	1 31	2 26	11 9	0 48	S 16
S 17	13 13	25 12	4 15	5 54	0 32	10 16	1 27	23 27	0 17	15 2	0 55	1 30	2 26	11 10	0 48	S 17
M 18	12 54	22 59	4 42	5 11	0 24	9 49	1 28	23 26	0 18	15 4	0 55	1 28	2 26	11 10	0 48	M 18
T 19	12 35	19 48	4 57	4 28	0 16	9 21	1 27	23 24	0 19	15 7	0 55	1 27	2 26	11 11	0 48	T 19
W 20	12 15	15 47	4 58	3 45	0 7	8 53	1 27	23 23	0 19	15 10	0 55	1 26	2 26	11 12	0 48	W 20
T 21	11 55	11 8	4 47	3 3	0s1	8 25	1 27	23 21	0 20	15 12	0 55	1 24	2 27	11 13	0 48	T 21
F 22	11 35	6 3	4 23	2 21	0 10	7 56	1 27	23 19	0 21	15 15	0 55	1 23	2 27	11 14	0 48	F 22
S 23	11 15	0 40	3 46	1 40	0 19	7 28	1 27	23 16	0 22	15 17	0 55	1 22	2 27	11 15	0 48	S 23
S 24	10 55	4n49	2 59	0 59	0 28	6 59	1 26	23 14	0 23	15 20	0 55	1 20	2 27	11 16	0 48	S 24
M 25	10 34	10 12	2 2	0 18	0 38	6 30	1 26	23 11	0 24	15 22	0 55	1 19	2 27	11 16	0 48	M 25
T 26	10 14	15 16	0 58	0s21	0 47	6 1	1 25	23 8	0 25	15 25	0 55	1 17	2 28	11 17	0 48	T 26
W 27	9 53	19 46	0n11	1 1	0 57	5 31	1 25	23 5	0 26	15 27	0 56	1 16	2 28	11 18	0 48	W 27
T 28	9 32	23 22	1 21	1 39	1 6	5 2	1 24	23 2	0 26	15 29	0 56	1 15	2 28	11 19	0 48	T 28
F 29	9 11	25 43	2 28	2 17	1 16	4 32	1 24	22 59	0 27	15 32	0 56	1 13	2 28	11 20	0 48	F 29
S 30	8 49	26 30	3 28	2 54	1 26	4 2	1 23	22 55	0 28	15 34	0 56	1 11	2 28	11 21	0 48	S 30
S 31	8n28	25n29	4n17	3s30	1s36	3n32	1n22	22n51	0n29	15s36	0s56	1n10	2s29	11s22	0s48	S 31

Julian Day Number = 2697565.5, Delta T = 25m17s

Ecliptic obliquity = 23°21'11, Nutation = - 0°00'13

Ayanamsha: Fagan/Bradley = 34°09'47, Lahiri = 33°16'47

# ASTRODIENST EPHEMERIS for the year 2673

SEPTEMBER 2673

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	22 41 59	9 <sup>h</sup> 5' 52"	8 <sup>h</sup> 41'	6 <sup>h</sup> 15'	25 <sup>h</sup> 27'	16 <sup>h</sup> 50'	20° R 0	8° R 39	2° R 16	14° R 51	29 <sup>h</sup> 1	25° R 21	25 <sup>h</sup> 47'	13 <sup>h</sup> 50'	21 <sup>h</sup> 28'	M 1
T 2	22 45 56	10° 7' 41"	23° 49'	7° 19'	26° 41'	17° 29'	19 <sup>h</sup> 53'	8° Y 36	2 <sup>h</sup> 13'	14 <sup>h</sup> 50'	29° 2	25 <sup>h</sup> 11'	25° 44'	13° 57'	21° 29'	T 2
W 3	22 49 53	11° 5' 32"	9 <sup>h</sup> 0'	8° 21'	27° 55'	18° 8'	19° 46'	8° 32'	2° 11'	14° 48'	29° 3	25° 0	25° 40'	14° 4'	21° 31'	W 3
T 4	22 53 49	12° 3' 24"	24° 2'	9° 20'	29° 9'	18° 47'	19° 39'	8° 28'	2° 9'	14° 46'	29° 4	24° 50'	25° 37'	14° 10'	21° 33'	T 4
F 5	22 57 46	13° 1' 17"	8 <sup>h</sup> 46'	10° 16'	0 <sup>h</sup> 23'	19° 25'	19° 33'	8° 24'	2° 6'	14° 45'	29° 6	24° 42'	25° 34'	14° 17'	21° 34'	F 5
S 6	23 1 42	13° 59' 12"	23° 5'	11° 10'	1° 37'	20° 4'	19° 26'	8° 20'	2° 4'	14° 43'	29° 7	24° 36'	25° 31'	14° 24'	21° 36'	S 6
S 7	23 5 39	14° 57' 08"	6 <sup>h</sup> 56'	12° 0'	2° 51'	20° 43'	19° 20'	8° 16'	2° 2'	14° 41'	29° 8	24° 33'	25° 28'	14° 31'	21° 37'	S 7
M 8	23 9 35	15° 55' 05"	20° 18'	12° 48'	4° 5'	21° 21'	19° 14'	8° 12'	1° 59'	14° 40'	29° 9	24° D 32	25° 25'	14° 37'	21° 38'	M 8
T 9	23 13 32	16° 53' 04"	3 <sup>h</sup> 14'	13° 31'	5° 18'	22° 0'	19° 8'	8° 8'	1° 57'	14° 38'	29° 10	24° 32'	25° 21'	14° 44'	21° 40'	T 9
W 10	23 17 28	17° 51' 04"	15° 48'	14° 12'	6° 32'	22° 38'	19° 2'	8° 4'	1° 55'	14° 36'	29° 11	24° R 32	25° 18'	14° 51'	21° 41'	W 10
T 11	23 21 25	18° 49' 05"	28° 3'	14° 48'	7° 46'	23° 16'	18° 56'	8° 0'	1° 53'	14° 35'	29° 12	24° 32'	25° 15'	14° 57'	21° 42'	T 11
F 12	23 25 22	19° 47' 07"	10 <sup>h</sup> 3'	15° 20'	9° 0'	23° 54'	18° 50'	7° 55'	1° 50'	14° 33'	29° 14	24° 30'	25° 12'	15° 4'	21° 43'	F 12
S 13	23 29 18	20° 45' 11"	22° 1'	15° 48'	10° 14'	24° 32'	18° 45'	7° 51'	1° 48'	14° 31'	29° 15	24° 25'	25° 9'	15° 11'	21° 44'	S 13
S 14	23 33 15	21° 43' 16"	3 <sup>h</sup> 53'	16° 11'	11° 28'	25° 10'	18° 39'	7° 47'	1° 46'	14° 30'	29° 16	24° 18'	25° 6'	15° 18'	21° 45'	S 14
M 15	23 37 11	22° 41' 23"	15° 45'	16° 30'	12° 41'	25° 48'	18° 34'	7° 42'	1° 44'	14° 28'	29° 17	24° 9'	25° 2'	15° 24'	21° 46'	M 15
T 16	23 41 8	23° 39' 31"	27° 40'	16° 43'	13° 55'	26° 26'	18° 29'	7° 38'	1° 42'	14° 27'	29° 18	23° 59'	24° 59'	15° 31'	21° 47'	T 16
W 17	23 45 4	24° 37' 41"	9 <sup>h</sup> 41'	16° 50'	15° 9'	27° 4'	18° 24'	7° 34'	1° 39'	14° 25'	29° 19	23° 48'	24° 56'	15° 38'	21° 47'	W 17
T 18	23 49 1	25° 35' 52"	21° 48'	16° R 51	16° 23'	27° 41'	18° 19'	7° 29'	1° 37'	14° 23'	29° 20	23° 37'	24° 53'	15° 44'	21° 48'	T 18
F 19	23 52 57	26° 34' 05"	4 <sup>h</sup> 3'	16° 47'	17° 36'	28° 19'	18° 14'	7° 25'	1° 35'	14° 22'	29° 21	23° 27'	24° 50'	15° 51'	21° 49'	F 19
S 20	23 56 54	27° 32' 19"	16° 27'	16° 36'	18° 50'	28° 56'	18° 10'	7° 20'	1° 33'	14° 20'	29° 22	23° 19'	24° 46'	15° 58'	21° 49'	S 20
S 21	0 0 51	28° 30' 36"	29° 0'	16° 18'	20° 4'	29° 33'	18° 6'	7° 16'	1° 31'	14° 19'	29° 22	23° 14'	24° 43'	16° 5'	21° 50'	S 21
M 22	0 4 47	29° 28' 54"	11 <sup>h</sup> 44'	15° 54'	21° 18'	0 <sup>h</sup> 11'	18° 2'	7° 11'	1° 29'	14° 17'	29° 23	23° 12'	24° 40'	16° 11'	21° 50'	M 22
T 23	0 8 44	0 <sup>h</sup> 27' 15"	24° 41'	15° 24'	22° 31'	0° 48'	17° 58'	7° 6'	1° 27'	14° 15'	29° 24	23° D 11	24° 37'	16° 18'	21° 51'	T 23
W 24	0 12 40	1° 25' 37"	7 <sup>h</sup> 52'	14° 46'	23° 45'	1° 25'	17° 54'	7° 2'	1° 25'	14° 14'	29° 25	23° 12'	24° 34'	16° 25'	21° 51'	W 24
T 25	0 16 37	2° 24' 02"	21° 19'	14° 3'	24° 59'	2° 2'	17° 50'	6° 57'	1° 23'	14° 12'	29° 26	23° 13'	24° 31'	16° 31'	21° 51'	T 25
F 26	0 20 33	3° 22' 29"	5 <sup>h</sup> 3'	13° 14'	26° 13'	2° 38'	17° 47'	6° 53'	1° 21'	14° 11'	29° 27	23° R 13	24° 27'	16° 38'	21° 51'	F 26
S 27	0 24 30	4° 20' 58"	19° 7'	12° 19'	27° 26'	3° 15'	17° 44'	6° 48'	1° 19'	14° 9'	29° 28	23° 12'	24° 24'	16° 45'	21° 51'	S 27
S 28	0 28 26	5° 19' 29"	3 <sup>h</sup> 28'	11° 21'	28° 40'	3° 52'	17° 41'	6° 43'	1° 17'	14° 8'	29° 28	23° 9'	24° 21'	16° 52'	21° R 51	S 28
M 29	0 32 23	6° 18' 02"	18° 4'	10° 19'	29° 54'	4° 28'	17° 38'	6° 39'	1° 16'	14° 6'	29° 29	23° 4'	24° 18'	16° 58'	21° 51'	M 29
T 30	0 36 20	7 <sup>h</sup> 16' 38"	2 <sup>h</sup> 51'	9 <sup>h</sup> 15'	1 <sup>h</sup> 7'	5 <sup>h</sup> 5'	17 <sup>h</sup> 35'	6° Y 34	1 <sup>h</sup> 14'	14 <sup>h</sup> 5'	29 <sup>h</sup> 30	22 <sup>h</sup> 58'	24 <sup>h</sup> 15'	17 <sup>h</sup> 55'	21 <sup>h</sup> 51'	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	8n 6	22n40	4n49	4s 5	1s46	3n 2	1n21	22n48	0n30	15s39	0s56	1n 8	2s29	11s22	0s48	6s39
T 2	7 45	18 16	5 1	4 40	1 55	2 32	1 20	22 43	0 31	15 41	0 56	1 7	2 29	11 23	0 48	6 39
W 3	7 23	12 41	4 52	5 13	2 5	2 2	1 19	22 39	0 32	15 43	0 56	1 5	2 29	11 24	0 48	6 40
T 4	7 1	6 24	4 23	5 45	2 15	1 32	1 18	22 35	0 33	15 45	0 56	1 3	2 29	11 25	0 48	6 41
F 5	6 39	0s 8	3 37	6 16	2 25	1 1	1 17	22 30	0 33	15 47	0 56	1 2	2 29	11 26	0 48	6 41
S 6	6 17	6 29	2 39	6 46	2 34	0 31	1 16	22 26	0 34	15 49	0 56	1 0	2 30	11 27	0 48	6 42
S 7	5 54	12 20	1 32	7 15	2 44	0 1	1 14	22 21	0 35	15 51	0 56	0 58	2 30	11 27	0 48	6 43
M 8	5 32	17 24	0 22	7 42	2 53	0s30	1 13	22 16	0 36	15 53	0 56	0 57	2 30	11 28	0 48	6 43
T 9	5 10	21 29	0s46	8 7	3 2	1 0	1 12	22 10	0 37	15 55	0 56	0 55	2 30	11 29	0 48	6 44
W 10	4 47	24 26	1 51	8 31	3 11	1 31	1 10	22 5	0 38	15 57	0 56	0 53	2 30	11 30	0 48	6 45
T 11	4 25	26 9	2 48	8 53	3 20	2 1	1 9	22 0	0 39	15 59	0 56	0 51	2 31	11 31	0 48	6 45
F 12	4 2	26 35	3 38	9 13	3 28	2 32	1 7	21 54	0 40	16 1	0 56	0 50	2 30	11 31	0 48	6 46
S 13	3 39	25 47	4 17	9 31	3 35	3 2	1 5	21 48	0 41	16 3	0 56	0 48	2 31	11 32	0 48	6 46
S 14	3 16	23 49	4 45	9 46	3 43	3 32	1 4	21 42	0 42	16 4	0 56	0 46	2 31	11 33	0 48	6 47
M 15	2 53	20 50	5 0	10 0	3 49	4 3	1 2	21 36	0 43	16 6	0 56	0 44	2 31	11 34	0 48	6 48
T 16	2 31	16 58	5 3	10 10	3 55	4 33	1 0	21 30	0 43	16 7	0 56	0 42	2 31	11 34	0 48	6 48
W 17	2 8	12 25	4 52	10 18	4 1	5 3	0 58	21 24	0 44	16 9	0 56	0 41	2 31	11 35	0 48	6 49
T 18	1 45	7 21	4 28	10 22	4 5	5 33	0 56	21 17	0 45	16 10	0 56	0 39	2 31	11 36	0 48	6 50
F 19	1 22	1 56	3 51	10 24	4 9	6 3	0 54	21 11	0 46	16 12	0 56	0 37	2 31	11 37	0 47	6 50
S 20	0 59	3n37	3 3	10 22	4 11	6 33	0 52	21 4	0 47	16 13	0 56	0 35	2 31	11 37	0 47	6 51
S 21	0 35	9 7	2 6	10 16	4 12	7 3	0 50	20 57	0 48	16 14	0 56	0 33	2 31	11 38	0 47	6 51
M 22	0 12	14 20	1 1	10 7	4 12	7 32	0 48	20 50	0 49	16 16	0 56	0 31	2 31	11 39	0 47	6 52
T 23	0s11	19 0	0n 8	9 53	4 10	8 1	0 46	20 43	0 50	16 17	0 56	0 29	2 31	11 40	0 47	6 53
W 24	0 34	22 50	1 18	9 36	4 7	8 31	0 44	20 36	0 51	16 18	0 56	0 28	2 32	11 40	0 47	6 53
T 25	0 57	25 29	2 25	9 14	4 2	9 0	0 41	20 29	0 52	16 19	0 56	0 26	2 32	11 41	0 47	6 54
F 26	1 20	26 41	3 26	8 49	3 55	9 29	0 39	20 21	0 53	16 20	0 56	0 24	2 32	11 42	0 47	6 54
S 27	1 43	26 12	4 15	8 19	3 46	9 57	0 37	20 14	0 54	16 21	0 56	0 22	2 32	11 42	0 47	6 55
S 28	2 6	24 0	4 50	7 47	3 35	10 26	0 34	20 6	0 55	16 22	0 56	0 20	2 32	11 43	0 47	6 56
M 29	2 30	20 13	5 7	7 11	3 23	10 54	0 32	19 59	0 56	16 23	0 56	0 18	2 32	11 44	0 47	6 56
T 30	2s53	15n 8	5n 3	6s33	3s 8	11s22	0n29	19n51	0n57	16s23	0s56	0n16	2s32	11s44	0s47	6s57

Julian Day Number = 2697596.5, Delta T = 25m17s  
Ecliptic obliquity = 23°21'12", Nutation = - 0°00'13"  
Ayanamsha: Fagan/Bradley = 34°09'51", Lahiri = 33°16'51"

# ASTRODIENST EPHEMERIS for the year 2673

OCTOBER 2673

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	0 40 16	8♌15'15	17♏41	8♌R11	2♌21	5♌41	17♌R33	6♌R30	1♌R12	14♌R 3	29♌30	22♌R51	24♌12	17♌12	21♌R51	W 1
T 2	0 44 13	9♍13'54	2♌26	7♌8	3°35	6°17	17♌30	6♌Y25	1♌10	14♌2	29°31	22♌34	24° 8	17°19	21♌51	T 2
F 3	0 48 9	10°12'35	16°58	6° 8	4°48	6°53	17°28	6°20	1° 9	14° 0	29°32	22°39	24° 5	17°25	21°50	F 3
S 4	0 52 6	11°11'19	1♌10	5°12	6° 2	7°29	17°26	6°16	1° 7	13°59	29°32	22°35	24° 2	17°32	21°50	S 4
S 5	0 56 2	12°10'04	14°59	4°21	7°16	8° 5	17°24	6°11	1° 5	13°58	29°33	22°33	23°59	17°39	21°49	S 5
M 6	0 59 59	13° 8'50	28°22	3°38	8°29	8°41	17°23	6° 7	1° 4	13°56	29°34	22°D33	23°56	17°45	21°49	M 6
T 7	1 3 55	14° 7'39	11♌21	3° 3	9°43	9°16	17°22	6° 2	1° 2	13°55	29°34	22°34	23°52	17°52	21°48	T 7
W 8	1 7 52	15° 6'29	23°58	2°37	10°57	9°52	17°21	5°57	1° 1	13°53	29°35	22°36	23°49	17°59	21°47	W 8
T 9	1 11 49	16° 5'21	6♌16	2°21	12°10	10°27	17°20	5°53	0°59	13°52	29°35	22°37	23°46	18° 6	21°47	T 9
F 10	1 15 45	17° 4'15	18°21	2°D15	13°24	11° 2	17°19	5°48	0°58	13°51	29°36	22°R38	23°43	18°12	21°46	F 10
S 11	1 19 42	18° 3'11	0♌18	2°19	14°37	11°37	17°18	5°44	0°56	13°50	29°36	22°37	23°40	18°19	21°45	S 11
S 12	1 23 38	19° 2'08	12°10	2°33	15°51	12°12	17°18	5°40	0°55	13°48	29°37	22°34	23°37	18°26	21°44	S 12
M13	1 27 35	20° 1'06	24° 4	2°58	17° 4	12°47	17°D18	5°35	0°54	13°47	29°37	22°31	23°33	18°32	21°43	M13
T 14	1 31 31	21° 0'07	6♌1	3°32	18°18	13°22	17°18	5°31	0°52	13°46	29°38	22°26	23°30	18°39	21°42	T 14
W15	1 35 28	21°59'09	18° 7	4°15	19°31	13°56	17°18	5°26	0°51	13°45	29°38	22°20	23°27	18°46	21°41	W15
T 16	1 39 24	22°58'14	0♌22	5° 6	20°45	14°31	17°19	5°22	0°50	13°43	29°38	22°15	23°24	18°53	21°40	T 16
F 17	1 43 21	23°57'20	12°49	6° 5	21°58	15° 5	17°19	5°18	0°49	13°42	29°39	22°11	23°21	18°59	21°38	F 17
S 18	1 47 17	24°56'28	25°29	7°11	23°12	15°39	17°20	5°14	0°48	13°41	29°39	22° 7	23°17	19° 6	21°37	S 18
S 19	1 51 14	25°55'38	8♌22	8°24	24°25	16°13	17°21	5° 9	0°47	13°40	29°39	22° 5	23°14	19°13	21°36	S 19
M20	1 55 11	26°54'50	21°27	9°41	25°39	16°47	17°22	5° 5	0°46	13°39	29°40	22°D 4	23°11	19°20	21°34	M20
T 21	1 59 7	27°54'04	4♌45	11° 4	26°52	17°21	17°24	5° 1	0°45	13°38	29°40	22° 5	23° 8	19°26	21°33	T 21
W22	2 3 4	28°53'21	18°15	12°30	28° 6	17°55	17°26	4°57	0°44	13°37	29°40	22° 6	23° 5	19°33	21°31	W22
T 23	2 7 0	29°52'40	1♌56	14° 0	29°19	18°28	17°27	4°53	0°43	13°36	29°40	22° 8	23° 2	19°40	21°29	T 23
F 24	2 10 57	0♌52'01	15°49	15°33	0♌32	19° 2	17°29	4°49	0°42	13°35	29°40	22° 9	22°58	19°46	21°28	F 24
S 25	2 14 53	1°51'24	29°52	17° 8	1°46	19°35	17°32	4°45	0°41	13°34	29°41	22°R 9	22°55	19°53	21°26	S 25
S 26	2 18 50	2°50'50	14♌4	18°45	2°59	20° 8	17°34	4°42	0°41	13°33	29°41	22° 9	22°52	20° 0	21°24	S 26
M27	2 22 46	3°50'18	28°22	20°23	4°12	20°41	17°37	4°38	0°40	13°32	29°41	22° 8	22°49	20° 7	21°22	M27
T 28	2 26 43	4°49'48	12♌45	22° 3	5°26	21°14	17°39	4°34	0°39	13°31	29°41	22° 6	22°46	20°13	21°20	T 28
W29	2 30 40	5°49'21	27° 7	23°44	6°39	21°46	17°42	4°31	0°39	13°30	29°41	22° 4	22°43	20°20	21°18	W29
T 30	2 34 36	6°48'55	11♌24	25°25	7°52	22°19	17°46	4°27	0°38	13°29	29°R41	22° 2	22°39	20°27	21°16	T 30
F 31	2 38 33	7♌48'32	25♌32	27♌7	9♌6	22♌51	17♌49	4♌24	0♌38	13♌29	29♌41	22♌0	22♌36	20♌34	21♌14	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	3s16	9n 8	4n40	5s53	2s52	11s50	0n27	19n43	0n58	16s24	0s56	0n15	2s32	11s45	0s47	6s57	0s46	19n50	0s22	18n25	18n45	20s29	17n54	5s13	5s13	5s13	5s13
T 2	3 39	2 40	3 58	5 12	2 35	12 17	0 24	19 35	0 59	16 25	0 56	0 13	2 32	11 45	0 47	6 58	0 46	19 49	0 22	18 23	18 44	20 27	17 54	5 13	5 13	5 13	5 13
F 3	4 2	3s52	3 0	4 31	2 16	12 44	0 22	19 27	1 0	16 25	0 55	0 11	2 32	11 46	0 47	6 58	0 46	19 49	0 22	18 22	18 44	20 25	17 53	5 13	5 13	5 13	5 13
S 4	4 25	10 4	1 53	3 51	1 57	13 11	0 19	19 19	1 1	16 26	0 55	0 9	2 32	11 46	0 47	6 59	0 46	19 49	0 22	18 21	18 43	20 23	17 53	5 14	5 14	5 14	5 14
S 5	4 48	15 37	0 41	3 12	1 37	13 38	0 16	19 10	1 2	16 26	0 55	0 7	2 32	11 47	0 47	6 59	0 46	19 49	0 22	18 21	18 42	20 21	17 52	5 14	5 14	5 14	5 14
M 6	5 10	20 14	0s32	2 37	1 16	14 4	0 14	19 2	1 3	16 27	0 55	0 5	2 32	11 48	0 47	7 0	0 46	19 49	0 22	18 21	18 41	20 19	17 52	5 15	5 15	5 15	5 15
T 7	5 33	23 43	1 40	2 4	0 56	14 30	0 11	18 54	1 4	16 27	0 55	0 4	2 32	11 48	0 47	7 1	0 46	19 49	0 21	18 21	18 40	20 17	17 51	5 15	5 15	5 15	5 15
W 8	5 56	25 55	2 42	1 36	0 36	14 55	0 8	18 45	1 5	16 27	0 55	0 2	2 32	11 49	0 47	7 1	0 46	19 49	0 21	18 21	18 40	20 15	17 51	5 16	5 16	5 16	5 16
T 9	6 18	26 48	3 35	1 12	0 17	15 21	0 6	18 37	1 6	16 28	0 55	0 0	2 32	11 49	0 47	7 2	0 46	19 49	0 21	18 22	18 39	20 13	17 51	5 16	5 16	5 16	5 16
F 10	6 41	26 21	4 18	0 53	0n 1	15 45	0 3	18 28	1 7	16 28	0 55	0s 2	2 32	11 50	0 47	7 2	0 46	19 49	0 21	18 22	18 38	20 11	17 50	5 16	5 16	5 16	5 16
S 11	7 3	24 42	4 48	0 38	0 18	16 10	0 0	18 19	1 8	16 28	0 55	0 3	2 32	11 50	0 47	7 3	0 46	19 49	0 21	18 22	18 37	20 9	17 50	5 17	5 17	5 17	5 17
S 12	7 26	21 59	5 6	0 30	0 34	16 34	0s 3	18 11	1 9	16 28	0 55	0 5	2 32	11 50	0 47	7 3	0 46	19 49	0 21	18 21	18 37	20 7	17 49	5 17	5 17	5 17	5 17
M13	7 48	18 21	5 11	0 26	0 49	16 58	0 6	18 2	1 10	16 28	0 55	0 7	2 32	11 51	0 47	7 3	0 46	19 49	0 21	18 20	18 36	20 5	17 49	5 18	5 18	5 18	5 18
T 14	8 10	13 58	5 3	0 27	1 2	17 21	0 8	17 53	1 11	16 28	0 55	0 8	2 32	11 51	0 47	7 4	0 46	19 49	0 21	18 19	18 35	20 3	17 48	5 18	5 18	5 18	5 18
W15	8 32	9 0	4 41	0 33	1 14	17 44	0 11	17 44	1 12	16 28	0 55	0 10	2 32	11 52	0 47	7 4	0 46	19 49	0 21	18 17	18 34	20 1	17 48	5 18	5 18	5 18	5 18
T 16	8 54	3 37	4 6	0 44	1 24	18 6	0 14	17 35	1 13	16 28	0 55	0 12	2 32	11 52	0 47	7 5	0 46	19 49	0 21	18 16	18 33	19 59	17 47	5 19	5 19	5 19	5 19
F 17	9 16	2n 0	3 18	0 59	1 33	18 28	0 17	17 26	1 14	16 27	0 55	0 13	2 32	11 53	0 47	7 5	0 46	19 49	0 21	18 15	18 33	19 57	17 47	5 19	5 19	5 19	5 19
S 18	9 37	7 38	2 21	1 18	1 40	18 50	0 20	17 17	1 15	16 27	0 54	0 15	2 31	11 53	0 47	7 6	0 46	19 49	0 21	18 14	18 32	19 55	17 46	5 20	5 20	5 20	5 20
S 19	9 59	13 4	1 15	1 41	1 46	19 11	0 23	17 8	1 16	16 27	0 54	0 17	2 31	11 53	0 47	7 6	0 46	19 49	0 21	18 13	18 31	19 53	17 46	5 20	5 20	5 20	5 20
M20	10 20	18 0	0 3	2 7	1 51	19 31	0 26	16 58	1 17	16 26	0 54	0 18	2 31	11 54	0 47	7 7	0 46	19 49	0 21	18 13	18 30	19 51	17 45	5 20	5 20	5 20	5 20
T 21	10 41	22 9	1n 9	2 36	1 55	19 51	0 29	16 49	1 18	16 26	0 54	0 20	2 31	11 54	0 47	7 7	0 46	19 49	0 21	18 13	18 29	19 49	17 45	5 21	5 21	5 21	5 21
W22	11 2	25 9	2 19	3 7	1 58	20 11	0 32	16 40	1 19	16 25	0 54	0 21	2 31	11 54	0 47	7 7	0 46	19 49	0 21	18 14	18 29	19 47	17 44	5 21	5 21	5 21	5 21
T 23	11 23	26 42	3 22	3 40	1 59	20 30	0 34	16 31	1 20	16 24	0 54	0 23	2 31	11 54	0 47	7 8	0 46	19 49	0 21	18 14	18 28	19 44	17 44	5 22	5 22	5 22	5 22
F 24	11 44	26 37	4 14	4 15	2 0	20 48	0 37	16 21	1 22	16 24	0 54	0 24	2 31	11 55	0 47	7 8	0 46	19 49	0 21	18 14	18 27	19 42	17 43	5 22	5 22	5 22	5 22
S 25	12 5	24 51	4 52	4 52	1 59	21 6	0 40	16 12	1 23	16 23	0 54	0 26	2 31	11 55	0 47	7 8	0 46	19 49	0 20	18 15	18 26	19 40	17 43	5 22	5 22	5 22	5 22
S 26	12 25	21 31	5 12	5 30	1 58	21 23	0 43	16 3	1 24	16 22	0 54	0 27	2 31	11 55	0 47	7 9	0 46	19 49	0 20	18 14	18 25	19 38	17 42	5 23	5 23	5 23	5 23
M27	12 45	16 53	5 13	6 8	1 56	21 40	0 46	15 53	1 25	16 21	0 54	0 28	2 31	11 55	0 46	7 9	0 46	19 49	0 20	18 14	18 25	19 36	17 42	5 23	5 23	5 23	5 23
T 28	13 5	11 18	4 55	6 48	1 54	21 56	0 49	15 44	1 26	16 20	0 54	0 30	2 31	11 56	0 46	7 10	0 46	19 49	0 20	18 14	18 24	19 34	17 41	5 23	5 23	5 23	5 23
W29	13 25	5 6	4 18	7 28	1 51	22 11	0 52	15 34	1 27	16 19	0 54	0 31	2 30	11 56	0 46	7 10	0 45	19 49	0 20	18 13	18 23	19 32	17 41	5 24	5 24	5 24	5 24
T 30	13 44	1s20	3 26	8 8	1 47	22 26	0 54	15 25	1 28	16 18	0 54	0 32	2 30	11 56	0 46	7 10	0 45	19 49	0 20	18 13	18 22	19 30	17 41	5 24	5 24	5 24	5 24
F 31	14s 4	7s39	2n21	8s48	1n43	22s41	0s57	15n15	1n29	16s17	0s53	0s34	2s30	11s56	0s46	7s10	0s45	19n49	0s20	18n12	18n21	19s27	17n40	5s25	5s25	5s25	5s25





# ASTRODIENST EPHEMERIS for the year 2674

JANUARY 2674

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 42 59	10♌1721	0♌14	0♌12	23♌43	18♌6	26♌24	3♌52	1♌43	13♌43	28♌58	20♌52	19♌19	27♌30	18♌4	T 1
F 2	6 46 56	11°18'26	12°15	0°54	24°53	18°19	26°36	3°54	1°46	13°44	28°57	20°42	19°16	27°37	18°11	F 2
S 3	6 50 52	12°19'32	24°11	1°29	26°3	18°30	26°48	3°57	1°48	13°45	28°56	20°32	19°13	27°44	17°58	S 3
S 4	6 54 49	13°20'38	6♌2	1°56	27°13	18°42	27°0	4°0	1°51	13°47	28°54	20°24	19°10	27°51	17°55	S 4
M 5	6 58 46	14°21'44	17°52	2°13	28°23	18°52	27°12	4°3	1°54	13°48	28°53	20°18	19°7	27°57	17°52	M 5
T 6	7 2 42	15°22'50	29°46	2°R20	29°32	19°2	27°25	4°6	1°56	13°49	28°52	20°14	19°3	28°4	17°49	T 6
W 7	7 6 39	16°23'56	11♌47	2°16	0♌42	19°12	27°37	4°9	1°59	13°51	28°51	20°D13	19°0	28°11	17°46	W 7
T 8	7 10 35	17°25'02	24°1	2°0	1°51	19°21	27°50	4°13	2°1	13°52	28°50	20°13	18°57	28°17	17°43	T 8
F 9	7 14 32	18°26'09	6♌33	1°32	3°0	19°29	28°3	4°16	2°4	13°54	28°48	20°14	18°54	28°24	17°40	F 9
S 10	7 18 28	19°27'15	19°27	0°53	4°9	19°36	28°15	4°20	2°7	13°55	28°47	20°R14	18°51	28°31	17°38	S 10
S 11	7 22 25	20°28'21	2♌48	0°2	5°18	19°43	28°28	4°23	2°10	13°57	28°46	20°13	18°47	28°38	17°35	S 11
M12	7 26 21	21°29'27	16°38	29♌1	6°27	19°49	28°41	4°27	2°13	13°58	28°45	20°10	18°44	28°44	17°32	M12
T 13	7 30 18	22°30'34	0♌57	27°52	7°35	19°55	28°54	4°31	2°15	14°0	28°43	20°5	18°41	28°51	17°30	T 13
W14	7 34 15	23°31'40	15°40	26°36	8°44	20°0	29°7	4°34	2°18	14°1	28°42	19°57	18°38	28°58	17°27	W14
T 15	7 38 11	24°32'46	0♌40	25°16	9°52	20°4	29°20	4°38	2°21	14°3	28°41	19°47	18°35	29°5	17°25	T 15
F 16	7 42 8	25°33'52	15°49	23°55	11°0	20°8	29°33	4°42	2°24	14°5	28°39	19°37	18°32	29°11	17°22	F 16
S 17	7 46 4	26°34'58	0♌55	22°35	12°7	20°10	29°46	4°47	2°27	14°6	28°38	19°27	18°28	29°18	17°20	S 17
S 18	7 50 1	27°36'04	15°49	21°19	13°15	20°12	29°59	4°51	2°30	14°8	28°37	19°19	18°25	29°25	17°17	S 18
M19	7 53 57	28°37'10	0♌24	20°8	14°22	20°14	0♌13	4°55	2°33	14°10	28°36	19°13	18°22	29°31	17°15	M19
T 20	7 57 54	29°38'17	14°35	19°6	15°29	20°R14	0°26	4°59	2°36	14°11	28°34	19°10	18°19	29°38	17°13	T 20
W21	8 1 50	0♌39'23	28°22	18°11	16°36	20°14	0°39	5°4	2°39	14°13	28°33	19°D10	18°16	29°45	17°11	W21
T 22	8 5 47	1°40'30	11♌46	17°27	17°43	20°13	0°53	5°8	2°42	14°15	28°32	19°10	18°13	29°52	17°8	T 22
F 23	8 9 44	2°41'37	24°50	16°52	18°49	20°11	1°6	5°13	2°45	14°17	28°30	19°R10	18°9	29°58	17°6	F 23
S 24	8 13 40	3°42'44	7♌37	16°27	19°56	20°8	1°20	5°18	2°48	14°19	28°29	19°8	18°6	0♌5	17°4	S 24
S 25	8 17 37	4°43'50	20°10	16°11	21°2	20°5	1°34	5°22	2°52	14°20	28°28	19°4	18°3	0°12	17°2	S 25
M26	8 21 33	5°44'57	2♌33	16°D 5	22°7	20°1	1°47	5°27	2°55	14°22	28°27	18°58	18°0	0°18	17°0	M26
T 27	8 25 30	6°46'03	14°47	16°7	23°13	19°56	2°1	5°32	2°58	14°24	28°25	18°48	17°57	0°25	16°58	T 27
W28	8 29 26	7°47'09	26°54	16°17	24°18	19°50	2°15	5°37	3°1	14°26	28°24	18°35	17°53	0°32	16°57	W28
T 29	8 33 23	8°48'15	8♌55	16°35	25°23	19°44	2°29	5°42	3°4	14°28	28°23	18°21	17°50	0°39	16°55	T 29
F 30	8 37 19	9°49'19	20°51	16°59	26°28	19°36	2°42	5°47	3°8	14°30	28°22	18°6	17°47	0°45	16°53	F 30
S 31	8 41 16	10♌50'24	2♌44	17♌30	27♌32	19♌28	2♌56	5°53	3♌11	14♌32	28°20	17♌51	17♌44	0♌52	16♌52	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	22s57	24s41	4s46	21s11	1s11	15s24	1s56	7n27	3n0	13s27	0s50	0s35	2s18	11s31	0s44	7s4
F 2	22 52	21 54	5 2	20 50	0 59	14 59	1 54	7 24	3 2	13 23	0 50	0 34	2 18	11 30	0 44	7 4
S 3	22 47	18 12	5 5	20 30	0 45	14 33	1 52	7 21	3 4	13 19	0 50	0 32	2 18	11 29	0 44	7 3
S 4	22 41	13 50	4 54	20 10	0 31	14 7	1 50	7 19	3 6	13 15	0 49	0 31	2 17	11 28	0 44	7 3
M 5	22 35	8 56	4 31	19 51	0 15	13 41	1 48	7 16	3 8	13 10	0 49	0 30	2 17	11 27	0 44	7 2
T 6	22 28	3 43	3 56	19 33	0n1	13 14	1 45	7 14	3 10	13 6	0 49	0 28	2 17	11 26	0 44	7 2
W 7	22 21	1n43	3 11	19 16	0 19	12 47	1 43	7 12	3 12	13 2	0 49	0 27	2 17	11 25	0 44	7 1
T 8	22 13	7 11	2 16	19 2	0 38	12 20	1 40	7 10	3 14	12 57	0 49	0 25	2 17	11 24	0 44	7 0
F 9	22 5	12 31	1 13	18 49	0 57	11 53	1 37	7 9	3 16	12 53	0 49	0 24	2 16	11 23	0 44	7 0
S 10	21 57	17 28	0 4	18 39	1 16	11 25	1 34	7 8	3 18	12 49	0 49	0 22	2 16	11 22	0 44	6 59
S 11	21 48	21 44	1n7	18 31	1 36	10 57	1 31	7 7	3 20	12 44	0 49	0 21	2 16	11 21	0 44	6 59
M12	21 39	24 56	2 16	18 25	1 54	10 29	1 28	7 6	3 22	12 40	0 49	0 19	2 16	11 20	0 44	6 58
T 13	21 29	26 40	3 19	18 21	2 12	10 0	1 25	7 6	3 24	12 35	0 49	0 17	2 16	11 19	0 44	6 57
W14	21 19	26 35	4 11	18 20	2 29	9 32	1 22	7 6	3 25	12 31	0 49	0 16	2 15	11 18	0 44	6 57
T 15	21 8	24 35	4 46	18 20	2 43	9 3	1 18	7 6	3 27	12 26	0 49	0 14	2 15	11 17	0 44	6 56
F 16	20 57	20 50	5 2	18 22	2 56	8 34	1 14	7 7	3 29	12 21	0 49	0 12	2 15	11 16	0 44	6 56
S 17	20 46	15 44	4 56	18 25	3 6	8 5	1 11	7 7	3 31	12 17	0 49	0 10	2 15	11 15	0 44	6 55
S 18	20 34	9 44	4 31	18 30	3 13	7 35	1 7	7 8	3 33	12 12	0 49	0 9	2 15	11 14	0 44	6 54
M19	20 22	3 20	3 48	18 35	3 18	7 6	1 3	7 10	3 35	12 8	0 49	0 7	2 14	11 13	0 44	6 54
T 20	20 9	3s4	2 52	18 42	3 20	6 36	0 59	7 11	3 37	12 3	0 49	0 5	2 14	11 12	0 44	6 53
W21	19 56	9 10	1 48	18 49	3 20	6 6	0 55	7 13	3 39	11 58	0 49	0 3	2 14	11 10	0 44	6 52
T 22	19 43	14 41	0 39	18 57	3 18	5 37	0 50	7 15	3 41	11 53	0 49	0 1	2 14	11 9	0 44	6 52
F 23	19 29	19 24	0s30	19 5	3 15	5 7	0 46	7 18	3 43	11 49	0 49	0n1	2 14	11 8	0 44	6 51
S 24	19 15	23 5	1 36	19 13	3 9	4 37	0 41	7 21	3 45	11 44	0 49	0 3	2 14	11 7	0 44	6 50
S 25	19 1	25 35	2 36	19 21	3 3	4 6	0 37	7 24	3 47	11 39	0 49	0 5	2 13	11 6	0 44	6 49
M26	18 46	26 47	3 28	19 29	2 55	3 36	0 32	7 27	3 49	11 34	0 49	0 7	2 13	11 5	0 44	6 49
T 27	18 31	26 40	4 9	19 38	2 47	3 6	0 27	7 31	3 51	11 29	0 49	0 9	2 13	11 4	0 44	6 48
W28	18 15	25 15	4 39	19 45	2 38	2 36	0 22	7 35	3 53	11 24	0 49	0 11	2 13	11 2	0 44	6 47
T 29	18 0	22 43	4 55	19 53	2 28	2 5	0 17	7 39	3 55	11 19	0 49	0 13	2 13	11 1	0 44	6 47
F 30	17 44	19 13	4 59	20 0	2 18	1 35	0 12	7 44	3 56	11 14	0 49	0 16	2 13	11 0	0 44	6 46
S 31	17s27	14s58	4s49	20s6	2n8	1s4	0s6	7n49	3n58	11s9	0s49	0n18	2s12	10s59	0s44	6s45

Julian Day Number = 2697718.5, Delta T = 25m18s  
 Ecliptic obliquity = 23°21'12, Nutation = - 0°00'12  
 Ayanamsha: Fagan/Bradley = 34°10'08, Lahiri = 33°17'08

## ASTRODIENST EPHEMERIS for the year 2674

FEBRUARY 2674

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 45 13	11°51'27	14°35'	18°36'	28°36'	19°R19	3°10'	5°58'	3°14'	14°34'	28°R19	17°R38	17°41'	0°59'	16°R50	S 1
M 2	8 49 9	12°52'30	26°25'	18°47'	29°40'	19°19	3°24'	6° 3'	3°17'	14°36'	28°18	17°28	17°38'	1° 6'	16°149	M 2
T 3	8 53 6	13°53'32	8°19'	19°33'	0°Y43	18°58'	3°38'	6° 9'	3°21'	14°38'	28°17	17°21	17°34'	1°12'	16°47	T 3
W 4	8 57 2	14°54'33	20°18'	20°22'	1°46'	18°47'	3°52'	6°14'	3°24'	14°40'	28°15	17°17	17°31'	1°19'	16°46	W 4
T 5	9 0 59	15°55'33	2°29'	21°16'	2°49'	18°35'	4° 6'	6°20'	3°27'	14°42'	28°14	17°15	17°28'	1°26'	16°44	T 5
F 6	9 4 55	16°56'32	14°56'	22°13'	3°51'	18°22'	4°20'	6°25'	3°31'	14°44'	28°13	17°15	17°25'	1°32'	16°43	F 6
S 7	9 8 52	17°57'30	27°43'	23°12'	4°53'	18° 8'	4°34'	6°31'	3°34'	14°46'	28°12	17°14	17°22'	1°39'	16°42	S 7
S 8	9 12 48	18°58'27	10°15'	24°15'	5°55'	17°54'	4°49'	6°37'	3°38'	14°48'	28°11	17°13	17°19'	1°46'	16°41	S 8
M 9	9 16 45	19°59'23	24°39'	25°20'	6°56'	17°38'	5° 3'	6°43'	3°41'	14°50'	28° 9'	17°10	17°15'	1°53'	16°40	M 9
T 10	9 20 42	21° 0'17	8°52'	26°27'	7°57'	17°22'	5°17'	6°48'	3°44'	14°52'	28° 8'	17° 4'	17°12'	1°59'	16°39	T 10
W 11	9 24 38	22° 1'11	23°33'	27°37'	8°57'	17° 6'	5°31'	6°54'	3°48'	14°54'	28° 7'	16°55'	17° 9'	2° 6'	16°38	W 11
T 12	9 28 35	23° 2'03	8°23'	28°48'	9°57'	16°49'	5°45'	7° 0'	3°51'	14°57'	28° 6'	16°45'	17° 6'	2°13'	16°37	T 12
F 13	9 32 31	24° 2'54	23°57'	0°22'	10°56'	16°31'	6° 0'	7° 6'	3°55'	14°59'	28° 5'	16°33'	17° 3'	2°19'	16°37	F 13
S 14	9 36 28	25° 3'45	9°19'	1°17'	11°55'	16°12'	6°14'	7°13'	3°58'	15° 1'	28° 4'	16°22'	16°59'	2°26'	16°36	S 14
S 15	9 40 24	26° 4'34	24°32'	2°33'	12°53'	15°53'	6°28'	7°19'	4° 2'	15° 3'	28° 3'	16°13'	16°56'	2°33'	16°35	S 15
M 16	9 44 21	27° 5'22	9°25'	3°51'	13°51'	15°33'	6°43'	7°25'	4° 5'	15° 5'	28° 1'	16° 6'	16°53'	2°40'	16°35	M 16
T 17	9 48 17	28° 6'09	23°52'	5°10'	14°49'	15°13'	6°57'	7°31'	4° 8'	15° 7'	28° 0'	16° 2'	16°50'	2°46'	16°34	T 17
W 18	9 52 14	29° 6'55	7°15'	6°31'	15°45'	14°52'	7°11'	7°37'	4°12'	15°10'	27°59'	16° 0'	16°47'	2°53'	16°34	W 18
T 19	9 56 11	0°11'41	21°22'	7°52'	16°41'	14°31'	7°26'	7°44'	4°15'	15°12'	27°58'	16°D 0	16°44'	3° 0'	16°34	T 19
F 20	10 0 7	1° 8'25	4°28'	9°15'	17°37'	14° 9'	7°40'	7°50'	4°19'	15°14'	27°57'	16°R 0	16°40'	3° 6'	16°33	F 20
S 21	10 4 4	2° 9'09	17°12'	10°39'	18°32'	13°47'	7°55'	7°57'	4°22'	15°16'	27°56'	15°59'	16°37'	3°13'	16°33	S 21
S 22	10 8 0	3° 9'52	29°39'	12° 4'	19°26'	13°24'	8° 9'	8° 3'	4°26'	15°19'	27°55'	15°56'	16°34'	3°20'	16°33	S 22
M 23	10 11 57	4°10'34	11°53'	13°31'	20°20'	13° 1'	8°23'	8°10'	4°29'	15°21'	27°54'	15°50'	16°31'	3°27'	16°D33	M 23
T 24	10 15 53	5°11'14	14°58'	14°58'	21°13'	12°38'	8°38'	8°16'	4°33'	15°23'	27°53'	15°42'	16°28'	3°33'	16°33	T 24
W 25	10 19 50	6°11'54	5°56'	16°26'	22° 6'	12°15'	8°52'	8°23'	4°36'	15°25'	27°52'	15°31'	16°25'	3°40'	16°33	W 25
T 26	10 23 46	7°12'32	17°50'	17°55'	22°57'	11°51'	9° 7'	8°30'	4°40'	15°28'	27°51'	15°18'	16°21'	3°47'	16°33	T 26
F 27	10 27 43	8°13'08	29°42'	19°25'	23°48'	11°27'	9°21'	8°36'	4°43'	15°30'	27°50'	15° 4'	16°18'	3°53'	16°34	F 27
S 28	10 31 40	9°13'44	11°34'	20°56'	24°Y38	11°19	9°36'	8°Y43	4°47'	15°32'	27°549	14°51'	16°15'	4°10	16°134	S 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	17s10	10s10	4s27	20s12	1n57	0s34	0s 1	7n54	4n 0	11s 4	0s49	0n20	2s12	10s58	0s44	6s44
M 2	16 53	5 0	3 54	20 17	1 47	0 4	0n 5	7 59	4 2	10 59	0 49	0 22	2 12	10 56	0 44	6 43
T 3	16 36	0n22	3 10	20 21	1 36	0n27	0 10	8 5	4 3	10 54	0 49	0 25	2 12	10 55	0 44	6 43
W 4	16 18	5 47	2 17	20 24	1 26	0 57	0 16	8 11	4 5	10 49	0 49	0 27	2 12	10 54	0 44	6 42
T 5	16 0	11 5	1 17	20 26	1 16	1 27	0 22	8 17	4 7	10 44	0 49	0 29	2 12	10 53	0 44	6 41
F 6	15 42	16 4	0 12	20 27	1 5	1 57	0 28	8 24	4 8	10 39	0 49	0 32	2 12	10 52	0 44	6 40
S 7	15 24	20 29	0n55	20 28	0 55	2 27	0 34	8 30	4 10	10 34	0 49	0 34	2 11	10 50	0 44	6 40
S 8	15 5	24 1	2 2	20 27	0 45	2 58	0 40	8 37	4 11	10 29	0 49	0 36	2 11	10 49	0 44	6 39
M 9	14 46	26 18	3 4	20 25	0 35	3 27	0 47	8 44	4 12	10 24	0 49	0 39	2 11	10 48	0 44	6 38
T 10	14 27	27 0	3 57	20 22	0 26	3 57	0 53	8 52	4 14	10 19	0 50	0 41	2 11	10 47	0 44	6 37
W 11	14 7	25 50	4 36	20 18	0 16	4 27	1 0	8 59	4 15	10 13	0 50	0 44	2 11	10 45	0 44	6 36
T 12	13 47	22 49	4 57	20 13	0 7	4 56	1 6	9 7	4 16	10 8	0 50	0 46	2 11	10 44	0 44	6 35
F 13	13 27	18 10	4 58	20 6	0s 2	5 26	1 13	9 15	4 17	10 3	0 50	0 49	2 11	10 43	0 44	6 35
S 14	13 7	12 19	4 37	19 59	0 11	5 55	1 20	9 23	4 18	9 58	0 50	0 51	2 10	10 42	0 44	6 34
S 15	12 47	5 47	3 56	19 50	0 19	6 24	1 26	9 32	4 19	9 52	0 50	0 54	2 10	10 40	0 44	6 33
M 16	12 26	0s57	3 0	19 40	0 27	6 53	1 33	9 40	4 20	9 47	0 50	0 56	2 10	10 39	0 43	6 32
T 17	12 5	7 28	1 54	19 29	0 35	7 22	1 40	9 49	4 21	9 42	0 50	0 59	2 10	10 38	0 43	6 31
W 18	11 44	13 24	0 43	19 16	0 43	7 50	1 48	9 57	4 21	9 37	0 50	1 1	2 10	10 37	0 43	6 30
T 19	11 23	18 30	0s28	19 3	0 50	8 18	1 55	10 6	4 22	9 31	0 50	1 4	2 10	10 35	0 43	6 30
F 20	11 2	22 32	1 36	18 48	0 57	8 46	2 2	10 15	4 22	9 26	0 50	1 7	2 10	10 34	0 43	6 29
S 21	10 40	25 21	2 37	18 32	1 4	9 14	2 9	10 24	4 23	9 21	0 50	1 9	2 10	10 33	0 43	6 28
S 22	10 19	26 50	3 29	18 15	1 11	9 42	2 17	10 33	4 23	9 15	0 50	1 12	2 10	10 32	0 43	6 27
M 23	9 57	26 59	4 11	17 56	1 17	10 9	2 24	10 42	4 23	9 10	0 50	1 14	2 10	10 30	0 44	6 26
T 24	9 35	25 50	4 40	17 37	1 23	10 36	2 32	10 51	4 23	9 5	0 50	1 17	2 9	10 29	0 44	6 25
W 25	9 12	23 31	4 57	17 16	1 28	11 3	2 40	11 0	4 23	8 59	0 50	1 20	2 9	10 28	0 43	6 24
T 26	8 50	20 12	5 1	16 54	1 34	11 29	2 47	11 9	4 23	8 54	0 50	1 23	2 9	10 27	0 44	6 24
F 27	8 28	16 5	4 52	16 30	1 39	11 55	2 55	11 18	4 23	8 49	0 50	1 25	2 9	10 25	0 44	6 23
S 28	8s 5	11s21	4s30	16s 6	1s43	12n21	3n 3	11n27	4n23	8s43	0s50	1n28	2s 9	10s24	0s44	6s22

Julian Day Number = 2697749.5, Delta T = 25m19s

Ecliptic obliquity = 23°21'13, Nutation = - 0°00'11

Ayanamsha: Fagan/Bradley = 34°10'12, Lahiri = 33°17'12

## ASTRODIENST EPHEMERIS for the year 2674

MARCH 2674

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 35 36	10°14'17	23°11'26	22°28'28	25°17'27	10°R40	9°H50	8°Y50	4°H50	15°H34	27°R48	14°R40	16°H12	4°H 7	16°H34	S 1
M 2	10 39 33	11°14'50	5°Y20	24° 1	26°16	10°M16	10° 4	8°57	4°54	15°37	27°H48	14°H30	16° 9	4°14	16°35	M 2
T 3	10 43 29	12°15'20	17°19	25°35	27° 3	9°52	10°19	9° 4	4°57	15°39	27°47	14°24	16° 5	4°20	16°35	T 3
W 4	10 47 26	13°15'49	29°24	27°10	27°50	9°28	10°33	9°11	5° 0	15°41	27°46	14°20	16° 2	4°27	16°36	W 4
T 5	10 51 22	14°16'16	11°H38	28°46	28°35	9° 4	10°48	9°18	5° 4	15°44	27°45	14°D19	15°59	4°34	16°37	T 5
F 6	10 55 19	15°16'42	24° 7	0°H22	29°20	8°41	11° 2	9°25	5° 7	15°46	27°44	14°19	15°56	4°40	16°37	F 6
S 7	10 59 15	16°17'05	6°H52	2° 0	0°H 4	8°17	11°17	9°32	5°11	15°48	27°43	14°20	15°53	4°47	16°38	S 7
S 8	11 3 12	17°17'27	20° 0	3°39	0°46	7°54	11°31	9°39	5°14	15°50	27°43	14°R20	15°50	4°54	16°39	S 8
M 9	11 7 9	18°17'47	3°H32	5°18	1°28	7°31	11°46	9°46	5°18	15°53	27°42	14°19	15°46	5° 1	16°40	M 9
T 10	11 11 5	19°18'05	17°33	6°59	2° 8	7° 9	12° 0	9°53	5°21	15°55	27°41	14°16	15°43	5° 7	16°41	T 10
W 11	11 15 2	20°18'20	2°H 0	8°40	2°47	6°47	12°14	10° 0	5°24	15°57	27°40	14°11	15°40	5°14	16°42	W 11
T 12	11 18 58	21°18'34	16°52	10°23	3°24	6°25	12°29	10° 7	5°28	16° 0	27°40	14° 3	15°37	5°21	16°43	T 12
F 13	11 22 55	22°18'46	2°H 2	12° 7	4° 1	6° 4	12°43	10°14	5°31	16° 2	27°39	13°55	15°34	5°27	16°45	F 13
S 14	11 26 51	23°18'56	17°18	13°51	4°36	5°44	12°57	10°21	5°34	16° 4	27°38	13°47	15°31	5°34	16°46	S 14
S 15	11 30 48	24°19'04	2°H32	15°37	5° 9	5°23	13°12	10°29	5°38	16° 6	27°38	13°41	15°27	5°41	16°47	S 15
M 16	11 34 44	25°19'11	17°32	17°24	5°42	5° 4	13°26	10°36	5°41	16° 9	27°37	13°36	15°24	5°48	16°49	M 16
T 17	11 38 41	26°19'15	2°H10	19°12	6°12	4°45	13°40	10°43	5°44	16°11	27°37	13°33	15°21	5°54	16°50	T 17
W 18	11 42 38	27°19'18	16°20	21° 1	6°41	4°26	13°55	10°50	5°48	16°13	27°36	13°D33	15°18	6° 1	16°52	W 18
T 19	11 46 34	28°19'20	0°H 2	22°51	7° 9	4° 9	14° 9	10°58	5°51	16°15	27°35	13°34	15°15	6° 8	16°53	T 19
F 20	11 50 31	29°19'20	13°17	24°42	7°34	3°51	14°23	11° 5	5°54	16°18	27°35	13°35	15°11	6°14	16°55	F 20
S 21	11 54 27	0°Y19'19	26° 7	26°35	7°58	3°35	14°37	11°12	5°58	16°20	27°34	13°R36	15° 8	6°21	16°57	S 21
S 22	11 58 24	1°19'16	8°H36	28°28	8°20	3°19	14°51	11°20	6° 1	16°22	27°34	13°36	15° 5	6°28	16°59	S 22
M 23	12 2 20	2°19'11	20°50	0°Y22	8°40	3° 4	15° 6	11°27	6° 4	16°24	27°34	13°34	15° 2	6°35	17° 1	M 23
T 24	12 6 17	3°19'05	2°H52	2°18	8°59	2°50	15°20	11°34	6° 7	16°26	27°33	13°30	14°59	6°41	17° 3	T 24
W 25	12 10 13	4°18'57	14°47	4°14	9°15	2°36	15°34	11°42	6°10	16°29	27°33	13°25	14°56	6°48	17° 5	W 25
T 26	12 14 10	5°18'47	26°38	6°12	9°29	2°23	15°48	11°49	6°14	16°31	27°32	13°18	14°52	6°55	17° 7	T 26
F 27	12 18 7	6°18'35	8°H29	8°10	9°41	2°11	16° 2	11°57	6°17	16°33	27°32	13°11	14°49	7° 1	17° 9	F 27
S 28	12 22 3	7°18'22	20°21	10° 9	9°51	2° 0	16°16	12° 4	6°20	16°35	27°32	13° 4	14°46	7° 8	17°11	S 28
S 29	12 26 0	8°18'06	2°Y17	12° 8	9°59	1°49	16°30	12°11	6°23	16°37	27°31	12°58	14°43	7°15	17°13	S 29
M 30	12 29 56	9°17'49	14°19	14° 8	10° 4	1°40	16°44	12°19	6°26	16°39	27°31	12°53	14°40	7°22	17°16	M 30
T 31	12 33 53	10°Y17'30	26°Y27	16°Y 9	10°H 7	1°M31	16°H58	12°Y26	6°H29	16°H42	27°H31	12°H50	14°H36	7°H28	17°H18	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	7s42	6s13	3s56	15s40	1s48	12n47	3n11	11n35	4n22	8s38	0s50	1n31	2s 9	10s23	0s44	S 1
M 2	7 19	0 49	3 12	15 13	1 52	13 12	3 19	11 44	4 22	8 33	0 50	1 33	2 9	10 22	0 44	M 2
T 3	6 56	4n38	2 19	14 45	1 55	13 36	3 27	11 52	4 21	8 27	0 50	1 36	2 9	10 20	0 44	T 3
W 4	6 33	9 59	1 19	14 16	1 58	14 1	3 35	12 1	4 20	8 22	0 51	1 39	2 9	10 19	0 44	W 4
T 5	6 10	15 3	0 14	13 45	2 1	14 25	3 43	12 9	4 19	8 16	0 51	1 42	2 9	10 18	0 44	T 5
F 6	5 47	19 34	0n52	13 14	2 4	14 48	3 52	12 17	4 18	8 11	0 51	1 45	2 9	10 17	0 44	F 6
S 7	5 24	23 19	1 58	12 41	2 6	15 12	4 0	12 25	4 17	8 6	0 51	1 47	2 9	10 15	0 44	S 7
S 8	5 0	25 57	2 59	12 7	2 8	15 34	4 8	12 32	4 16	8 0	0 51	1 50	2 9	10 14	0 44	S 8
M 9	4 37	27 11	3 52	11 32	2 9	15 57	4 16	12 40	4 15	7 55	0 51	1 53	2 8	10 13	0 44	M 9
T 10	4 13	26 44	4 34	10 56	2 10	16 18	4 25	12 47	4 14	7 49	0 51	1 56	2 8	10 12	0 44	T 10
W 11	3 50	24 30	4 59	10 18	2 10	16 40	4 33	12 54	4 12	7 44	0 51	1 59	2 8	10 10	0 44	W 11
T 12	3 26	20 34	5 6	9 40	2 11	17 1	4 41	13 0	4 11	7 39	0 51	2 1	2 8	10 9	0 44	T 12
F 13	3 2	15 15	4 51	9 0	2 10	17 21	4 49	13 7	4 9	7 33	0 51	2 4	2 8	10 8	0 44	F 13
S 14	2 39	8 55	4 16	8 19	2 10	17 41	4 58	13 13	4 7	7 28	0 51	2 7	2 8	10 7	0 44	S 14
S 15	2 15	2 5	3 22	7 37	2 8	18 0	5 6	13 19	4 6	7 22	0 51	2 10	2 8	10 5	0 44	S 15
M 16	1 51	4s46	2 15	6 54	2 7	18 18	5 14	13 24	4 4	7 17	0 51	2 13	2 8	10 4	0 44	M 16
T 17	1 27	11 14	1 1	6 10	2 5	18 36	5 22	13 29	4 2	7 12	0 52	2 16	2 8	10 3	0 44	T 17
W 18	1 4	16 54	0s15	5 25	2 2	18 54	5 30	13 34	4 0	7 6	0 52	2 19	2 8	10 2	0 44	W 18
T 19	0 40	21 31	1 28	4 39	1 59	19 10	5 39	13 39	3 58	7 1	0 52	2 21	2 8	10 1	0 44	T 19
F 20	0 16	24 51	2 34	3 52	1 55	19 27	5 47	13 43	3 56	6 55	0 52	2 24	2 8	9 59	0 44	F 20
S 21	0n 8	26 47	3 30	3 3	1 51	19 42	5 54	13 47	3 54	6 50	0 52	2 27	2 8	9 58	0 44	S 21
S 22	0 31	27 18	4 14	2 14	1 46	19 57	6 2	13 51	3 52	6 45	0 52	2 30	2 8	9 57	0 44	S 22
M 23	0 55	26 27	4 46	1 24	1 41	20 10	6 10	13 54	3 49	6 39	0 52	2 33	2 8	9 56	0 44	M 23
T 24	1 19	24 23	5 4	0 33	1 35	20 23	6 17	13 58	3 47	6 34	0 52	2 36	2 8	9 55	0 44	T 24
W 25	1 43	21 16	5 9	0n19	1 29	20 36	6 25	14 0	3 45	6 29	0 52	2 39	2 8	9 54	0 44	W 25
T 26	2 6	17 19	5 1	1 11	1 22	20 47	6 32	14 3	3 42	6 23	0 52	2 42	2 8	9 52	0 44	T 26
F 27	2 30	12 41	4 40	2 5	1 15	20 58	6 39	14 5	3 40	6 18	0 52	2 44	2 8	9 51	0 44	F 27
S 28	2 53	7 36	4 7	2 58	1 7	21 7	6 45	14 7	3 38	6 13	0 53	2 47	2 8	9 50	0 44	S 28
S 29	3 17	2 12	3 23	3 53	0 59	21 16	6 52	14 8	3 35	6 7	0 53	2 50	2 8	9 49	0 44	S 29
M 30	3 40	3n20	2 29	4 47	0 50	21 23	6 58	14 10	3 33	6 2	0 53	2 53	2 8	9 48	0 44	M 30
T 31	4n 4	8n48	1s28	5n42	0s41	21n30	7n 4	14n11	3n30	5s57	0s53	2n56	2s 8	9s47	0s44	T 31

Julian Day Number = 2697777.5, Delta T = 25m19s

Ecliptic obliquity = 23°21'13, Nutation = - 0°00'11

Ayanamsha: Fagan/Bradley = 34°10'16, Lahiri = 33°17'16

# ASTRODIENST EPHEMERIS for the year 2674

APRIL 2674

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 37 49	11°17'09	8°44	18°9	10°R 8	1°R22	17°11	12°Y34	6°X32	16°X44	27°R30	12°D49	14°X33	7°X35	17°I21	W 1
T 2	12 41 46	12°16'45	21°12	20° 9	10°X 6	1°M15	17°25	12°41	6°35	16°46	27°X30	12°X49	14°30	7°42	17°23	T 2
F 3	12 45 42	13°16'20	3°II51	22° 9	10° 2	1° 8	17°39	12°49	6°38	16°48	27°30	12°50	14°27	7°48	17°26	F 3
S 4	12 49 39	14°15'52	16°45	24° 8	9°55	1° 3	17°53	12°56	6°41	16°50	27°30	12°52	14°24	7°55	17°28	S 4
S 5	12 53 35	15°15'22	29°57	26° 7	9°46	0°58	18° 6	13° 3	6°44	16°52	27°30	12°53	14°21	8° 2	17°31	S 5
M 6	12 57 32	16°14'50	13°X28	28° 3	9°34	0°53	18°20	13°11	6°47	16°54	27°30	12°R54	14°17	8° 9	17°34	M 6
T 7	13 1 29	17°14'16	27°20	29°58	9°20	0°50	18°34	13°18	6°49	16°56	27°30	12°54	14°14	8°15	17°37	T 7
W 8	13 5 25	18°13'39	11°L33	1°X51	9° 3	0°47	18°47	13°26	6°52	16°58	27°29	12°52	14°11	8°22	17°40	W 8
T 9	13 9 22	19°13'00	26° 5	3°41	8°44	0°45	19° 1	13°33	6°55	17° 0	27°29	12°50	14° 8	8°29	17°43	T 9
F 10	13 13 18	20°12'18	10°M52	5°28	8°23	0°44	19°14	13°41	6°58	17° 2	27°D29	12°47	14° 5	8°35	17°45	F 10
S 11	13 17 15	21°11'35	25°47	7°12	7°59	0°D44	19°27	13°48	7° 1	17° 4	27°29	12°44	14° 2	8°42	17°48	S 11
S 12	13 21 11	22°10'49	10°L43	8°51	7°33	0°44	19°41	13°55	7° 3	17° 6	27°29	12°41	13°58	8°49	17°52	S 12
M13	13 25 8	23°10'01	25°31	10°27	7° 5	0°45	19°54	14° 3	7° 6	17° 8	27°29	12°40	13°55	8°56	17°55	M13
T 14	13 29 4	24° 9'11	10°M 4	11°58	6°36	0°47	20° 7	14°10	7° 9	17°10	27°30	12°D39	13°52	9° 2	17°58	T 14
W15	13 33 1	25° 8'19	24°15	13°24	6° 4	0°49	20°20	14°17	7°11	17°12	27°30	12°39	13°49	9° 9	18° 1	W15
T 16	13 36 58	26° 7'26	8°X 2	14°45	5°31	0°52	20°33	14°25	7°14	17°14	27°30	12°40	13°46	9°16	18° 4	T 16
F 17	13 40 54	27° 6'30	21°23	16° 1	4°57	0°56	20°47	14°32	7°16	17°16	27°30	12°41	13°42	9°22	18° 8	F 17
S 18	13 44 51	28° 5'33	4°X20	17°11	4°21	1° 0	21° 0	14°39	7°19	17°18	27°30	12°43	13°39	9°29	18°11	S 18
S 19	13 48 47	29° 4'34	16°55	18°15	3°44	1° 6	21°12	14°47	7°21	17°19	27°30	12°44	13°36	9°36	18°14	S 19
M20	13 52 44	0°X 3'34	29°12	19°13	3° 7	1°11	21°25	14°54	7°24	17°21	27°31	12°R44	13°33	9°42	18°18	M20
T 21	13 56 40	1° 2'31	11°X17	20° 6	2°30	1°18	21°38	15° 1	7°26	17°23	27°31	12°44	13°30	9°49	18°21	T 21
W22	14 0 37	2° 1'27	2°X 12	20°51	1°52	1°25	21°51	15° 8	7°28	17°25	27°31	12°43	13°27	9°56	18°25	W22
T 23	14 4 33	3° 0'21	5°X 4	21°31	1°14	1°33	22° 3	15°16	7°31	17°26	27°31	12°42	13°23	10° 3	18°29	T 23
F 24	14 8 30	3°59'14	16°55	22° 4	0°37	1°41	22°16	15°23	7°33	17°28	27°32	12°41	13°20	10° 9	18°32	F 24
S 25	14 12 27	4°58'04	28°50	22°31	0° 0	1°50	22°29	15°30	7°35	17°30	27°32	12°39	13°17	10°16	18°36	S 25
S 26	14 16 23	5°56'53	10°Y51	22°51	29°Y24	1°59	22°41	15°37	7°37	17°32	27°32	12°38	13°14	10°23	18°40	S 26
M27	14 20 20	6°55'40	23° 1	23° 5	28°49	2° 9	22°53	15°44	7°40	17°33	27°33	12°38	13°11	10°29	18°43	M27
T 28	14 24 16	7°54'25	5°X22	23°12	28°16	2°20	23° 6	15°51	7°42	17°35	27°33	12°38	13° 8	10°36	18°47	T 28
W29	14 28 13	8°53'08	17°56	23°R14	27°43	2°31	23°18	15°58	7°44	17°36	27°34	12°D37	13° 4	10°43	18°51	W29
T 30	14 32 9	9°51'49	0°II42	23°X 9	27°Y13	2°M43	23°X30	16°Y 5	7°X46	17°X38	27°X34	12°X38	13°X 1	10°X50	18°II55	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
W 1	4n27	14n 1	0s22	6n37	0s31	21n35	7n 9	14n11	3n28	5s51	0s53	2n59	2s 8	9s46	0s44	W 1
T 2	4 50	18 44	0n46	7 32	0 20	21 39	7 15	14 11	3 25	5 46	0 53	3 2	2 8	9 45	0 44	T 2
F 3	5 13	22 41	1 53	8 27	0 10	21 43	7 19	14 12	3 23	5 41	0 53	3 5	2 8	9 44	0 44	F 3
S 4	5 36	25 36	2 55	9 21	0n 1	21 44	7 24	14 11	3 20	5 36	0 53	3 7	2 8	9 43	0 44	S 4
S 5	5 59	27 11	3 50	10 15	0 13	21 45	7 27	14 11	3 18	5 30	0 53	3 10	2 8	9 42	0 44	S 5
M 6	6 22	27 13	4 34	11 7	0 24	21 44	7 31	14 10	3 15	5 25	0 54	3 13	2 8	9 40	0 44	M 6
T 7	6 45	25 34	5 3	11 59	0 36	21 42	7 33	14 9	3 13	5 20	0 54	3 16	2 8	9 39	0 44	T 7
W 8	7 7	22 17	5 14	12 49	0 48	21 39	7 35	14 7	3 10	5 15	0 54	3 19	2 8	9 38	0 44	W 8
T 9	7 30	17 34	5 6	13 38	1 0	21 34	7 37	14 6	3 8	5 10	0 54	3 22	2 8	9 37	0 44	T 9
F 10	7 52	11 45	4 37	14 25	1 11	21 27	7 37	14 4	3 5	5 5	0 54	3 24	2 8	9 36	0 44	F 10
S 11	8 14	5 11	3 50	15 10	1 23	21 19	7 37	14 2	3 3	4 59	0 54	3 27	2 8	9 35	0 44	S 11
S 12	8 36	1s40	2 47	15 53	1 34	21 10	7 37	13 59	3 1	4 54	0 54	3 30	2 8	9 34	0 44	S 12
M13	8 58	8 23	1 33	16 34	1 45	20 59	7 35	13 57	2 58	4 49	0 54	3 33	2 8	9 34	0 44	M13
T 14	9 20	14 33	0 14	17 12	1 56	20 47	7 33	13 54	2 56	4 44	0 55	3 36	2 8	9 33	0 44	T 14
W15	9 42	19 48	1s 4	17 48	2 6	20 33	7 30	13 51	2 53	4 39	0 55	3 38	2 8	9 32	0 44	W15
T 16	10 3	23 48	2 16	18 21	2 15	20 18	7 26	13 47	2 51	4 34	0 55	3 41	2 9	9 31	0 44	T 16
F 17	10 24	26 22	3 18	18 52	2 24	20 2	7 21	13 44	2 48	4 29	0 55	3 44	2 9	9 30	0 44	F 17
S 18	10 45	27 25	4 8	19 20	2 31	19 44	7 15	13 40	2 46	4 24	0 55	3 47	2 9	9 29	0 44	S 18
S 19	11 6	27 0	4 45	19 44	2 38	19 26	7 8	13 36	2 44	4 19	0 55	3 49	2 9	9 28	0 44	S 19
M20	11 27	25 15	5 8	20 6	2 45	19 6	7 1	13 31	2 41	4 14	0 55	3 52	2 9	9 27	0 44	M20
T 21	11 48	22 24	5 16	20 25	2 50	18 45	6 53	13 27	2 39	4 10	0 56	3 55	2 9	9 26	0 44	T 21
W22	12 8	18 38	5 11	20 42	2 54	18 23	6 44	13 22	2 37	4 5	0 56	3 57	2 9	9 25	0 44	W22
T 23	12 28	14 9	4 53	20 55	2 56	18 1	6 34	13 17	2 34	4 0	0 56	4 0	2 9	9 25	0 45	T 23
F 24	12 48	9 10	4 22	21 5	2 58	17 38	6 24	13 12	2 32	3 55	0 56	4 3	2 9	9 24	0 45	F 24
S 25	13 8	3 49	3 39	21 12	2 58	17 14	6 13	13 7	2 30	3 50	0 56	4 6	2 9	9 23	0 45	S 25
S 26	13 27	1n43	2 47	21 17	2 58	16 51	6 1	13 1	2 27	3 45	0 56	4 8	2 9	9 22	0 45	S 26
M27	13 47	7 16	1 47	21 18	2 55	16 27	5 49	12 56	2 25	3 41	0 57	4 11	2 9	9 21	0 45	M27
T 28	14 6	12 38	0 40	21 17	2 52	16 3	5 36	12 50	2 23	3 36	0 57	4 13	2 9	9 21	0 45	T 28
W29	14 25	17 35	0n29	21 12	2 47	15 39	5 23	12 44	2 21	3 31	0 57	4 16	2 10	9 20	0 45	W29
T 30	14n43	21n50	1n39	21n 5	2n40	15n15	5n 9	12n38	2n19	3s27	0s57	4n19	2s10	9s19	0s45	T 30

Julian Day Number = 2697808.5, Delta T = 25m19s  
 Ecliptic obliquity = 23°21'13, Nutation = - 0°00'13  
 Ayanamsha: Fagan/Bradley = 34°10'20, Lahiri = 33°17'20





## ASTRODIENST EPHEMERIS for the year 2674

JULY 2674

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	18 36 36	9°38'38	13°59	29°59	23°57	26°46	2°24	21°43	8°23	18°18	28°41	10°47	9°44	17°45	23°36	W 1
T 2	18 40 33	10°35'56	28°18	29°4	24°54	27°17	2°28	21°46	8°22	18°18	28°42	10°45	9°41	17°52	23°41	T 2
F 3	18 44 29	11°33'13	12°28	4°12	25°52	27°48	2°32	21°49	8°22	18°18	28°44	10°D44	9°38	17°58	23°45	F 3
S 4	18 48 26	12°30'30	26°24	6°21	26°51	28°19	2°36	21°52	8°21	18°17	28°45	10°45	9°35	18°5	23°50	S 4
S 5	18 52 22	13°27'46	10°9	8°30	27°49	28°51	2°39	21°55	8°20	18°17	28°47	10°R45	9°32	18°12	23°54	S 5
M 6	18 56 19	14°25'01	23°43	10°41	28°49	29°22	2°43	21°58	8°18	18°16	28°48	10°45	9°28	18°18	23°59	M 6
T 7	19 0 15	15°22'16	7°5	12°52	29°48	29°54	2°46	22°1	8°17	18°16	28°50	10°42	9°25	18°25	24°4	T 7
W 8	19 4 12	16°19'31	20°17	15°3	0°148	0°25	2°49	22°4	8°16	18°15	28°51	10°37	9°22	18°32	24°8	W 8
T 9	19 8 8	17°16'45	3°17	17°15	1°48	0°57	2°52	22°6	8°15	18°15	28°53	10°29	9°19	18°39	24°13	T 9
F 10	19 12 5	18°13'59	16°5	19°26	2°48	1°30	2°54	22°9	8°14	18°14	28°54	10°19	9°16	18°45	24°17	F 10
S 11	19 16 2	19°11'12	28°41	21°36	3°49	2°2	2°57	22°11	8°12	18°14	28°56	10°7	9°12	18°52	24°22	S 11
S 12	19 19 58	20°8'26	11°5	23°45	4°50	2°34	2°59	22°13	8°11	18°13	28°57	9°55	9°9	18°59	24°26	S 12
M13	19 23 55	21°5'39	23°17	25°54	5°51	3°7	3°1	22°16	8°10	18°12	28°59	9°44	9°6	19°5	24°30	M13
T 14	19 27 51	22°2'52	5°19	28°1	6°53	3°39	3°3	22°18	8°8	18°12	29°1	9°34	9°3	19°12	24°35	T 14
W15	19 31 48	23°0'06	17°14	0°9	7°55	4°12	3°4	22°20	8°7	18°11	29°2	9°26	9°0	19°19	24°39	W15
T 16	19 35 44	23°57'19	29°4	2°12	8°57	4°45	3°6	22°22	8°6	18°10	29°4	9°21	8°57	19°25	24°43	T 16
F 17	19 39 41	24°54'33	10°54	4°14	9°59	5°18	3°7	22°23	8°4	18°9	29°5	9°19	8°53	19°32	24°48	F 17
S 18	19 43 37	25°51'47	22°49	6°15	11°2	5°51	3°8	22°25	8°2	18°8	29°7	9°D18	8°50	19°39	24°52	S 18
S 19	19 47 34	26°49'01	4°55	8°15	12°5	6°24	3°9	22°27	8°1	18°8	29°8	9°R18	8°47	19°45	24°56	S 19
M20	19 51 31	27°46'16	17°15	10°12	13°8	6°58	3°9	22°28	7°59	18°7	29°10	9°18	8°44	19°52	25°1	M20
T 21	19 55 27	28°43'31	29°57	12°8	14°12	7°31	3°10	22°30	7°58	18°6	29°12	9°17	8°41	19°59	25°5	T 21
W22	19 59 24	29°40'46	13°2	14°2	15°15	8°5	3°10	22°31	7°56	18°5	29°13	9°13	8°38	20°6	25°9	W22
T 23	20 3 20	0°38'02	26°35	15°53	16°19	8°39	3°R10	22°32	7°54	18°4	29°15	9°7	8°34	20°12	25°13	T 23
F 24	20 7 17	1°35'19	10°34	17°43	17°23	9°13	3°10	22°33	7°52	18°3	29°16	8°59	8°31	20°19	25°17	F 24
S 25	20 11 13	2°32'35	24°58	19°31	18°28	9°47	3°10	22°34	7°51	18°2	29°18	8°48	8°28	20°26	25°21	S 25
S 26	20 15 10	3°29'52	9°40	21°18	19°32	10°21	3°9	22°35	7°49	18°1	29°19	8°37	8°25	20°32	25°25	S 26
M27	20 19 6	4°27'10	24°33	23°2	20°37	10°56	3°9	22°36	7°47	18°0	29°21	8°26	8°22	20°39	25°29	M27
T 28	20 23 3	5°24'27	9°17	24°44	21°42	11°30	3°8	22°37	7°45	17°59	29°23	8°17	8°18	20°46	25°33	T 28
W29	20 27 0	6°21'44	24°14	26°25	22°47	12°5	3°6	22°37	7°43	17°58	29°24	8°10	8°15	20°52	25°37	W29
T 30	20 30 56	7°19'02	8°48	28°3	23°52	12°39	3°5	22°38	7°41	17°57	29°26	8°7	8°12	20°59	25°41	T 30
F 31	20 34 53	8°16'20	23°5	29°40	24°58	13°14	3°Y 4	22°Y38	7°39	17°55	29°27	8°5	8°9	21°6	25°45	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	23n 0	10n13	4n16	23n23	0n 2	15n43	3s 4	1n55	0n41	0s 8	1s11	6n15	2s21	9s 7	0s47	W 1
T 2	22 56	3 50	3 26	23 33	0 12	15 56	3 5	1 41	0 40	0 7	1 12	6 16	2 21	9 8	0 47	T 2
F 3	22 51	2s40	2 25	23 40	0 23	16 9	3 5	1 28	0 39	0 6	1 12	6 17	2 22	9 8	0 47	F 3
S 4	22 46	8 58	1 16	23 45	0 33	16 22	3 6	1 15	0 38	0 4	1 12	6 18	2 22	9 9	0 47	S 4
S 5	22 41	14 45	0 3	23 48	0 43	16 35	3 6	1 1	0 37	0 3	1 12	6 19	2 22	9 9	0 47	S 5
M 6	22 35	19 44	1s 9	23 48	0 52	16 48	3 6	0 48	0 36	0 2	1 13	6 20	2 22	9 9	0 47	M 6
T 7	22 28	23 38	2 15	23 45	1 1	17 0	3 6	0 34	0 34	0 1	1 13	6 20	2 23	9 10	0 47	T 7
W 8	22 22	26 13	3 14	23 39	1 9	17 13	3 6	0 21	0 33	0 0	1 13	6 21	2 23	9 10	0 47	W 8
T 9	22 14	27 20	4 1	23 31	1 16	17 25	3 5	0 7	0 32	0n 0	1 14	6 22	2 23	9 11	0 47	T 9
F 10	22 7	26 57	4 36	23 19	1 23	17 37	3 5	0s 7	0 31	0 1	1 14	6 22	2 23	9 11	0 47	F 10
S 11	21 59	25 10	4 56	23 6	1 29	17 49	3 4	0 21	0 30	0 2	1 14	6 23	2 24	9 12	0 48	S 11
S 12	21 51	22 13	5 2	22 49	1 34	18 1	3 4	0 34	0 29	0 2	1 14	6 24	2 24	9 12	0 48	S 12
M13	21 42	18 19	4 53	22 31	1 39	18 12	3 3	0 48	0 28	0 3	1 15	6 24	2 24	9 13	0 48	M13
T 14	21 33	13 45	4 32	22 10	1 43	18 24	3 2	1 2	0 27	0 3	1 15	6 25	2 24	9 13	0 48	T 14
W15	21 24	8 42	3 59	21 46	1 46	18 35	3 1	1 16	0 26	0 4	1 15	6 25	2 25	9 14	0 48	W15
T 16	21 14	3 22	3 16	21 21	1 48	18 45	2 59	1 30	0 25	0 4	1 16	6 26	2 25	9 15	0 48	T 16
F 17	21 4	2n 5	2 25	20 54	1 50	18 56	2 58	1 44	0 24	0 4	1 16	6 26	2 25	9 15	0 48	F 17
S 18	20 54	7 30	1 26	20 25	1 50	19 6	2 57	1 58	0 23	0 4	1 16	6 27	2 25	9 16	0 48	S 18
S 19	20 43	12 45	0 23	19 55	1 50	19 16	2 55	2 12	0 22	0 5	1 17	6 27	2 26	9 16	0 48	S 19
M20	20 32	17 36	0n42	19 23	1 50	19 25	2 53	2 26	0 21	0 4	1 17	6 27	2 26	9 17	0 48	M20
T 21	20 21	21 49	1 47	18 50	1 48	19 35	2 52	2 40	0 20	0 4	1 17	6 27	2 26	9 18	0 48	T 21
W22	20 9	25 4	2 48	18 16	1 46	19 44	2 50	2 54	0 19	0 4	1 17	6 28	2 27	9 18	0 48	W22
T 23	19 57	27 1	3 42	17 40	1 44	19 52	2 48	3 8	0 18	0 4	1 18	6 28	2 27	9 19	0 48	T 23
F 24	19 44	27 20	4 25	17 4	1 41	20 0	2 46	3 23	0 17	0 4	1 18	6 28	2 27	9 20	0 48	F 24
S 25	19 31	25 51	4 52	16 27	1 37	20 8	2 44	3 37	0 16	0 3	1 18	6 28	2 27	9 20	0 48	S 25
S 26	19 18	22 35	5 0	15 49	1 33	20 15	2 42	3 51	0 15	0 3	1 19	6 28	2 28	9 21	0 48	S 26
M27	19 5	17 50	4 49	15 11	1 28	20 22	2 39	4 5	0 14	0 2	1 19	6 28	2 28	9 22	0 48	M27
T 28	18 51	11 59	4 18	14 32	1 23	20 29	2 37	4 20	0 13	0 2	1 19	6 28	2 28	9 22	0 48	T 28
W29	18 37	5 29	3 29	13 52	1 17	20 35	2 35	4 34	0 13	0 1	1 19	6 28	2 28	9 23	0 48	W29
T 30	18 23	1s12	2 28	13 13	1 11	20 41	2 32	4 48	0 12	0 0	1 20	6 28	2 29	9 24	0 48	T 30
F 31	18n 8	7s43	1n18	12n33	1n 4	20n46	2s30	5s 3	0n11	0s 1	1s20	6n28	2s29	9s25	0s48	F 31

Julian Day Number = 2697899.5, Delta T = 25m21s

Ecliptic obliquity = 23°21'13, Nutation = - 0°00'10

Ayanamsha: Fagan/Bradley = 34°10'33, Lahiri = 33°17'33



## ASTRODIENST EPHEMERIS for the year 2674

SEPTEMBER 2674

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 41 2	8 <sup>h</sup> 56'16"	27 <sup>h</sup> 7'6"	29°R42	1 <sup>h</sup> 11'11"	2 <sup>h</sup> 42'42"	0°R42	21°R59	6°R27	17°R 9	0 <sup>h</sup> 14'14"	5°R23	6 <sup>h</sup> 27'27"	24 <sup>h</sup> 40'40"	27 <sup>h</sup> 25'25"	T 1
W 2	22 44 59	9°54'04"	9 <sup>h</sup> 34'49"	29 <sup>h</sup> 36'36"	2°21'21"	3°20'20"	0 <sup>h</sup> Y35	21°Y56	6 <sup>h</sup> 25'25"	17 <sup>h</sup> 8'8"	0°15'15"	5 <sup>h</sup> 19'19"	6°24'24"	24°46'46"	27°27'27"	W 2
T 3	22 48 56	10°51'52"	22°18'18"	29°24'24"	3°31'31"	3°59'59"	0°28'28"	21°53'53"	6°22'22"	17°6'6"	0°16'16"	5°13'13"	6°21'21"	24°53'53"	27°29'29"	T 3
F 4	22 52 52	11°49'42"	4 <sup>h</sup> 36'36"	29°6'6"	4°41'41"	4°37'37"	0°21'21"	21°50'50"	6°20'20"	17°4'4"	0°17'17"	5°5'5"	6°18'18"	25°0'0"	27°31'31"	F 4
S 5	22 56 49	12°47'33"	16°44'44"	28°42'42"	5°51'51"	5°15'15"	0°14'14"	21°47'47"	6°18'18"	17°3'3"	0°19'19"	4°56'56"	6°15'15"	25°6'6"	27°33'33"	S 5
S 6	23 0 45	13°45'25"	28°46'46"	28°13'13"	7°1'1"	5°54'54"	0°6'6"	21°44'44"	6°15'15"	17°1'1"	0°20'20"	4°46'46"	6°11'11"	25°13'13"	27°35'35"	S 6
M 7	23 4 42	14°43'18"	10 <sup>h</sup> 42'42"	27°37'37"	8°12'12"	6°32'32"	29 <sup>h</sup> 59'59"	21°41'41"	6°13'13"	17°0'0"	0°21'21"	4°37'37"	6°8'8"	25°20'20"	27°37'37"	M 7
T 8	23 8 38	15°41'13"	22°33'33"	26°57'57"	9°22'22"	7°11'11"	29°51'51"	21°38'38"	6°10'10"	16°58'58"	0°22'22"	4°29'29"	6°5'5"	25°26'26"	27°39'39"	T 8
W 9	23 12 35	16°39'10"	4 <sup>h</sup> Y23	26°11'11"	10°33'33"	7°50'50"	29°44'44"	21°35'35"	6°8'8"	16°56'56"	0°23'23"	4°23'23"	6°2'2"	25°33'33"	27°41'41"	W 9
T 10	23 16 31	17°37'08"	16°12'12"	25°22'22"	11°44'44"	8°28'28"	29°36'36"	21°31'31"	6°6'6"	16°55'55"	0°24'24"	4°19'19"	5°59'59"	25°40'40"	27°42'42"	T 10
F 11	23 20 28	18°35'08"	28°3'3"	24°29'29"	12°54'54"	9°7'7"	29°29'29"	21°28'28"	6°3'3"	16°53'53"	0°26'26"	4°17'17"	5°55'55"	25°46'46"	27°44'44"	F 11
S 12	23 24 25	19°33'09"	10 <sup>h</sup> 8'0"	23°33'33"	14°5'5"	9°46'46"	29°21'21"	21°24'24"	6°1'1"	16°51'51"	0°27'27"	4°D17	5°52'52"	25°53'53"	27°46'46"	S 12
S 13	23 28 21	20°31'13"	22°6'6"	22°36'36"	15°16'16"	10°25'25"	29°13'13"	21°20'20"	5°59'59"	16°50'50"	0°28'28"	4°18'18"	5°49'49"	26°0'0"	27°47'47"	S 13
M14	23 32 18	21°29'18"	4 <sup>h</sup> Y25	21°39'39"	16°28'28"	11°4'4"	29°5'5"	21°17'17"	5°57'57"	16°48'48"	0°29'29"	4°20'20"	5°46'46"	26°6'6"	27°49'49"	M14
T 15	23 36 14	22°27'25"	17°3'3"	20°42'42"	17°39'39"	11°44'44"	28°58'58"	21°13'13"	5°54'54"	16°46'46"	0°30'30"	4°R21	5°43'43"	26°13'13"	27°50'50"	T 15
W16	23 40 11	23°25'35"	0 <sup>h</sup> 33'3"	19°48'48"	18°50'50"	12°23'23"	28°50'50"	21°9'9"	5°52'52"	16°45'45"	0°31'31"	4°21'21"	5°40'40"	26°20'20"	27°51'51"	W16
T 17	23 44 7	24°23'46"	13°29'29"	18°57'57"	20°1'1"	13°2'2"	28°42'42"	21°5'5"	5°50'50"	16°43'43"	0°32'32"	4°19'19"	5°36'36"	26°26'26"	27°53'53"	T 17
F 18	23 48 4	25°21'59"	27°22'22"	18°10'10"	21°13'13"	13°42'42"	28°34'34"	21°1'1"	5°48'48"	16°41'41"	0°33'33"	4°16'16"	5°33'33"	26°33'33"	27°54'54"	F 18
S 19	23 52 0	26°20'14"	11 <sup>h</sup> 14'44"	17°30'30"	22°24'24"	14°22'22"	28°26'26"	20°58'58"	5°45'45"	16°40'40"	0°34'34"	4°11'11"	5°30'30"	26°40'40"	27°55'55"	S 19
S 20	23 55 57	27°18'31"	26°31'31"	16°56'56"	23°36'36"	15°1'1"	28°18'18"	20°53'53"	5°43'43"	16°38'38"	0°35'35"	4°6'6"	5°27'27"	26°46'46"	27°56'56"	S 20
M21	23 59 54	28°16'50"	11 <sup>h</sup> 36'36"	16°29'29"	24°48'48"	15°41'41"	28°10'10"	20°49'49"	5°41'41"	16°37'37"	0°36'36"	4°0'0"	5°24'24"	26°53'53"	27°57'57"	M21
T 22	0 3 50	29°15'11"	26°51'51"	16°11'11"	26°0'0"	16°21'21"	28°2'2"	20°45'45"	5°39'39"	16°35'35"	0°37'37"	3°56'56"	5°21'21"	27°0'0"	27°58'58"	T 22
W23	0 7 47	0 <sup>h</sup> 13'33"	12 <sup>h</sup> 4'4"	16°2'2"	27°12'12"	17°1'1"	27°54'54"	20°41'41"	5°37'37"	16°33'33"	0°38'38"	3°53'53"	5°17'17"	27°7'7"	27°59'59"	W23
T 24	0 11 43	1°11'57"	27°6'6"	16°D 2	28°24'24"	17°41'41"	27°46'46"	20°37'37"	5°35'35"	16°32'32"	0°39'39"	3°D51	5°14'14"	27°13'13"	28°0'0"	T 24
F 25	0 15 40	2°10'23"	11 <sup>h</sup> 50'50"	16°11'11"	29°36'36"	18°21'21"	27°38'38"	20°33'33"	5°33'33"	16°30'30"	0°40'40"	3°51'51"	5°11'11"	27°20'20"	28°0'0"	F 25
S 26	0 19 36	3°8'51"	26°9'9"	16°30'30"	0 <sup>h</sup> 48'48"	19°1'1"	27°30'30"	20°28'28"	5°31'31"	16°29'29"	0°40'40"	3°53'53"	5°8'8"	27°27'27"	28°1'1"	S 26
S 27	0 23 33	4°7'20"	10 <sup>h</sup> 7'20"	16°58'58"	2°0'0"	19°41'41"	27°22'22"	20°24'24"	5°29'29"	16°27'27"	0°41'41"	3°54'54"	5°5'5"	27°33'33"	28°2'2"	S 27
M28	0 27 29	5°5'51"	23°27'27"	17°34'34"	3°12'12"	20°22'22"	27°14'14"	20°19'19"	5°27'27"	16°26'26"	0°42'42"	3°55'55"	5°1'1"	27°40'40"	28°2'2"	M28
T 29	0 31 26	6°4'23"	6 <sup>h</sup> 42'30"	18°19'19"	4°25'25"	21°2'2"	27°7'7"	20°15'15"	5°25'25"	16°24'24"	0°43'43"	3°R56	4°58'58"	27°47'47"	28°3'3"	T 29
W30	0 35 23	7 <sup>h</sup> 2'57"	19 <sup>h</sup> 3'11"	19 <sup>h</sup> 13'13"	5 <sup>h</sup> 37'37"	21 <sup>h</sup> 43'43"	26 <sup>h</sup> 59'59"	20 <sup>h</sup> Y11	5 <sup>h</sup> 23'23"	16 <sup>h</sup> 23'23"	0 <sup>h</sup> 44'44"	3 <sup>h</sup> 55'55"	4 <sup>h</sup> 55'55"	27 <sup>h</sup> 53'53"	28 <sup>h</sup> 3'3"	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	8n11	27s20	4s 1	3s44	4s11	19n 6	0s44	12s36	0s15	1s 4	1s28	6n 6	2s37	9s52	0s48	5s24
W 2	7 50	27 35	4 36	3 47	4 18	18 54	0 41	12 50	0 16	1 7	1 28	6 5	2 37	9 53	0 48	5 25
T 3	7 28	26 25	4 58	3 48	4 24	18 42	0 37	13 4	0 17	1 10	1 28	6 4	2 38	9 54	0 48	5 25
F 4	7 6	23 59	5 6	3 45	4 29	18 29	0 34	13 17	0 17	1 13	1 28	6 2	2 38	9 54	0 48	5 25
S 5	6 44	20 31	4 59	3 39	4 32	18 15	0 30	13 31	0 18	1 16	1 29	6 1	2 38	9 55	0 48	5 26
S 6	6 22	16 14	4 40	3 29	4 34	18 1	0 27	13 44	0 19	1 19	1 29	6 0	2 38	9 56	0 48	5 26
M 7	6 0	11 21	4 8	3 16	4 35	17 47	0 23	13 58	0 20	1 22	1 29	5 58	2 38	9 57	0 48	5 27
T 8	5 37	6 5	3 26	2 59	4 34	17 32	0 20	14 11	0 20	1 25	1 29	5 57	2 39	9 58	0 48	5 27
W 9	5 15	0 38	2 34	2 39	4 31	17 16	0 16	14 24	0 21	1 28	1 29	5 55	2 39	9 59	0 48	5 28
T 10	4 53	4n52	1 36	2 15	4 27	17 0	0 13	14 37	0 22	1 31	1 29	5 54	2 39	10 0	0 48	5 28
F 11	4 30	10 13	0 34	1 48	4 20	16 44	0 10	14 50	0 22	1 34	1 29	5 53	2 39	10 0	0 48	5 29
S 12	4 7	15 15	0n31	1 18	4 12	16 27	0 6	15 3	0 23	1 38	1 29	5 51	2 39	10 1	0 48	5 29
S 13	3 45	19 46	1 35	0 47	4 2	16 9	0 3	15 16	0 24	1 41	1 30	5 50	2 40	10 2	0 48	5 29
M14	3 22	23 31	2 36	0 13	3 49	15 51	0n 1	15 29	0 24	1 44	1 30	5 48	2 40	10 3	0 48	5 30
T 15	2 59	26 14	3 31	0n22	3 36	15 33	0 4	15 42	0 25	1 47	1 30	5 47	2 40	10 4	0 48	5 30
W16	2 36	27 38	4 17	0 57	3 20	15 14	0 7	15 54	0 26	1 50	1 30	5 45	2 40	10 5	0 48	5 31
T 17	2 13	27 30	4 51	1 33	3 3	14 55	0 10	16 7	0 26	1 54	1 30	5 43	2 40	10 5	0 48	5 31
F 18	1 50	25 39	5 9	2 7	2 46	14 35	0 13	16 19	0 27	1 57	1 30	5 42	2 40	10 6	0 48	5 32
S 19	1 27	22 8	5 8	2 40	2 27	14 15	0 17	16 32	0 28	2 0	1 30	5 40	2 40	10 7	0 48	5 32
S 20	1 4	17 8	4 48	3 11	2 8	13 55	0 20	16 44	0 28	2 3	1 30	5 39	2 41	10 8	0 48	5 33
M21	0 41	10 59	4 7	3 39	1 48	13 34	0 23	16 56	0 29	2 6	1 30	5 37	2 41	10 9	0 48	5 33
T 22	0 18	4 8	3 8	4 4	1 28	13 13	0 26	17 8	0 29	2 10	1 30	5 35	2 41	10 9	0 48	5 34
W23	0s 5	2s58	1 56	4 26	1 9	12 51	0 29	17 20	0 30	2 13	1 30	5 34	2 41	10 10	0 48	5 34
T 24	0 29	9 50	0 37	4 43	0 50	12 29	0 32	17 32	0 31	2 16	1 30	5 32	2 41	10 11	0 48	5 35
F 25	0 52	16 1	0s44	4 57	0 31	12 7	0 34	17 44	0 31	2 19	1 30	5 30	2 41	10 12	0 48	5 35
S 26	1 15	21 9	1 59	5 6	0 14	11 44	0 37	17 56	0 32	2 22	1 30	5 28	2 41	10 12	0 48	5 35
S 27	1 38	24 56	3 5	5 11	0n 3	11 21	0 40	18 7	0 33	2 25	1 30	5 27	2 41	10 13	0 48	5 36
M28	2 1	27 10	3 59	5 11	0 19	10 57	0 43	18 18	0 33	2 28	1 30	5 25	2 42	10 14	0 48	5 36
T 29	2 24	27 50	4 39	5 7	0 33	10 34	0 45	18 30	0 34	2 32	1 30	5 23	2 42	10 14	0 48	5 37
W30	2s47	27s 0	5s 4	4n58	0n46	10n10	0n48	18s41	0s34	2s35	1s30	5n22	2s42	10s15	0s48	5s37

Julian Day Number = 2697961.5, Delta T = 25m21s

Ecliptic obliquity = 23°21'14", Nutation = - 0°00'09"

Ayanamsha: Fagan/Bradley = 34°10'42", Lahiri = 33°17'42"

## ASTRODIENST EPHEMERIS for the year 2674

OCTOBER 2674

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 39 19	8♌1'33	1♌36	20♏13	6♏49	22♏23	26°R51	20°R 6	5°R21	16°R21	0♏44	3°R53	4♌52	28♏0	28♏3	T 1
F 2	0 43 16	9° 0'10	13°47	21°21	8° 2	23° 4	26♏44	20°R 1	5♏19	16♏20	0°45	3♌50	4°49	28° 7	28° 4	F 2
S 3	0 47 12	9°58'49	25°48	22°35	9°15	23°45	26°36	19°57	5°17	16°18	0°46	3°47	4°46	28°13	28° 4	S 3
S 4	0 51 9	10°57'29	7♏43	23°55	10°27	24°25	26°28	19°52	5°15	16°17	0°46	3°43	4°42	28°20	28° 4	S 4
M 5	0 55 5	11°56'11	19°34	25°20	11°40	25° 6	26°21	19°48	5°14	16°15	0°47	3°39	4°39	28°27	28°R 4	M 5
T 6	0 59 2	12°54'55	1♏23	26°50	12°53	25°47	26°14	19°43	5°12	16°14	0°48	3°36	4°36	28°33	28° 4	T 6
W 7	1 2 58	13°53'41	13°14	28°23	14° 6	26°28	26° 6	19°39	5°10	16°12	0°48	3°34	4°33	28°40	28° 4	W 7
T 8	1 6 55	14°52'29	25° 7	29°59	15°19	27°10	25°59	19°34	5° 8	16°11	0°49	3°33	4°30	28°47	28° 3	T 8
F 9	1 10 51	15°51'19	7♌5	1♌39	16°32	27°51	25°52	19°29	5° 7	16°10	0°49	3°D32	4°26	28°53	28° 3	F 9
S 10	1 14 48	16°50'11	19°10	3°20	17°45	28°32	25°45	19°25	5° 5	16° 8	0°50	3°33	4°23	29° 0	28° 3	S 10
S 11	1 18 45	17°49'05	1♏25	5° 4	18°58	29°13	25°39	19°20	5° 4	16° 7	0°51	3°34	4°20	29° 7	28° 2	S 11
M12	1 22 41	18°48'02	13°52	6°48	20°11	29°55	25°32	19°15	5° 2	16° 6	0°51	3°36	4°17	29°13	28° 2	M12
T13	1 26 38	19°47'00	26°34	8°34	21°25	0♌36	25°25	19°11	5° 1	16° 4	0°52	3°37	4°14	29°20	28° 1	T13
W14	1 30 34	20°46'01	9♌35	10°20	22°38	1°18	25°19	19° 6	4°59	16° 3	0°52	3°37	4°11	29°27	28° 1	W14
T15	1 34 31	21°45'04	22°57	12° 7	23°51	2° 0	25°12	19° 1	4°58	16° 2	0°52	3°R38	4° 7	29°33	28° 0	T15
F16	1 38 27	22°44'10	6♏42	13°54	25° 5	2°41	25° 6	18°56	4°56	16° 0	0°53	3°37	4° 4	29°40	27°59	F16
S17	1 42 24	23°43'18	20°50	15°41	26°18	3°23	25° 0	18°52	4°55	15°59	0°53	3°37	4° 1	29°47	27°59	S17
S18	1 46 20	24°42'27	5♏21	17°28	27°32	4° 5	24°54	18°47	4°54	15°58	0°54	3°36	3°58	29°53	27°58	S18
M19	1 50 17	25°41'40	20° 9	19°15	28°46	4°47	24°48	18°43	4°53	15°57	0°54	3°35	3°55	29°59	27°57	M19
T20	1 54 14	26°40'54	5♌10	21° 1	29°59	5°29	24°43	18°38	4°51	15°56	0°54	3°34	3°52	0°Y 7	27°56	T20
W21	1 58 10	27°40'10	20°14	22°47	1♌13	6°11	24°37	18°33	4°50	15°55	0°54	3°33	3°48	0°13	27°54	W21
T22	2 2 7	28°39'29	5♏13	24°32	2°27	6°54	24°32	18°29	4°49	15°53	0°55	3°D33	3°45	0°20	27°53	T22
F23	2 6 3	29°38'49	19°59	26°17	3°41	7°36	24°27	18°24	4°48	15°52	0°55	3°33	3°42	0°27	27°52	F23
S24	2 10 0	0♏38'12	4♌25	28° 1	4°55	8°18	24°22	18°20	4°47	15°51	0°55	3°34	3°39	0°33	27°51	S24
S25	2 13 56	1°37'36	18°26	29°45	6° 9	9° 1	24°17	18°15	4°46	15°50	0°55	3°34	3°36	0°40	27°49	S25
M26	2 17 53	2°37'02	2♌1	1♏28	7°23	9°43	24°12	18°11	4°45	15°49	0°55	3°34	3°32	0°47	27°48	M26
T27	2 21 49	3°36'30	15°10	3°10	8°37	10°26	24° 8	18° 6	4°44	15°48	0°56	3°R34	3°29	0°53	27°46	T27
W28	2 25 46	4°36'00	27°55	4°52	9°51	11° 9	24° 3	18° 2	4°43	15°47	0°56	3°34	3°26	1° 0	27°45	W28
T29	2 29 43	5°35'31	10♌20	6°33	11° 5	11°51	23°59	17°58	4°43	15°46	0°56	3°D34	3°23	1° 7	27°43	T29
F30	2 33 39	6°35'04	22°30	8°13	12°19	12°34	23°55	17°53	4°42	15°45	0°56	3°34	3°20	1°13	27°41	F30
S31	2 37 36	7♏34'38	4♏29	9♏53	13♌33	13♌17	23♏51	17°Y49	4♏41	15♏45	0♏56	3♌35	3♌17	1°Y20	27♏40	S31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	3s10	24s50	5s14	4n45	0n59	9n45	0n50	18s52	0s35	2s38	1s30	5n20	2s42	10s16	0s48	6s 8	T 1
F 2	3 33	21 34	5 9	4 29	1 9	9 21	0 53	19 3	0 36	2 41	1 30	5 18	2 42	10 16	0 48	6 8	F 2
S 3	3 56	17 26	4 51	4 8	1 19	8 56	0 55	19 14	0 36	2 44	1 30	5 16	2 42	10 17	0 48	6 9	S 3
S 4	4 19	12 41	4 21	3 44	1 27	8 31	0 58	19 24	0 37	2 47	1 30	5 14	2 42	10 18	0 48	6 9	S 4
M 5	4 42	7 29	3 39	3 17	1 34	8 5	1 0	19 35	0 37	2 49	1 30	5 13	2 42	10 18	0 48	6 10	M 5
T 6	5 5	2 1	2 48	2 47	1 40	7 39	1 2	19 45	0 38	2 52	1 30	5 11	2 42	10 19	0 48	6 10	T 6
W 7	5 28	3n31	1 50	2 15	1 45	7 14	1 4	19 55	0 38	2 55	1 30	5 9	2 42	10 20	0 48	6 11	W 7
T 8	5 50	8 58	0 46	1 40	1 49	6 47	1 6	20 5	0 39	2 58	1 30	5 7	2 42	10 20	0 48	6 11	T 8
F 9	6 13	14 8	0n20	1 3	1 51	6 21	1 8	20 15	0 39	3 1	1 30	5 6	2 42	10 21	0 48	6 12	F 9
S10	6 36	18 49	1 25	0 24	1 53	5 54	1 10	20 25	0 40	3 3	1 30	5 4	2 42	10 21	0 48	6 12	S10
S11	6 58	22 47	2 28	0s16	1 54	5 28	1 12	20 34	0 41	3 6	1 30	5 2	2 42	10 22	0 48	6 13	S11
M12	7 20	25 47	3 25	0 57	1 54	5 1	1 14	20 44	0 41	3 8	1 29	5 0	2 42	10 22	0 48	6 14	M12
T13	7 43	27 32	4 13	1 39	1 53	4 33	1 16	20 53	0 42	3 11	1 29	4 59	2 42	10 23	0 48	6 14	T13
W14	8 5	27 49	4 50	2 22	1 51	4 6	1 17	21 2	0 42	3 13	1 29	4 57	2 42	10 23	0 48	6 15	W14
T15	8 27	26 32	5 12	3 6	1 49	3 39	1 19	21 11	0 43	3 16	1 29	4 55	2 42	10 24	0 48	6 15	T15
F16	8 49	23 38	5 17	3 50	1 47	3 11	1 21	21 20	0 43	3 18	1 29	4 53	2 42	10 24	0 48	6 15	F16
S17	9 11	19 17	5 3	4 34	1 43	2 43	1 22	21 28	0 44	3 20	1 29	4 51	2 42	10 25	0 48	6 16	S17
S18	9 32	13 42	4 30	5 18	1 40	2 15	1 23	21 37	0 44	3 23	1 29	4 50	2 42	10 25	0 48	6 16	S18
M19	9 54	7 14	3 38	6 2	1 35	1 47	1 25	21 45	0 45	3 25	1 29	4 48	2 42	10 26	0 48	6 17	M19
T20	10 15	0 16	2 31	6 46	1 31	1 19	1 26	21 53	0 45	3 27	1 29	4 46	2 42	10 26	0 48	6 17	T20
W21	10 36	6s45	1 13	7 30	1 26	0 51	1 27	22 1	0 46	3 29	1 28	4 45	2 42	10 27	0 48	6 18	W21
T22	10 58	13 22	0s 9	8 13	1 21	0 23	1 28	22 9	0 46	3 31	1 28	4 43	2 42	10 27	0 48	6 18	T22
F23	11 18	19 7	1 30	8 56	1 15	0s 5	1 29	22 16	0 47	3 33	1 28	4 41	2 42	10 27	0 47	6 19	F23
S24	11 39	23 37	2 43	9 39	1 10	0 34	1 30	22 23	0 47	3 35	1 28	4 40	2 42	10 28	0 47	6 19	S24
S25	12 0	26 35	3 44	10 21	1 4	1 2	1 31	22 30	0 48	3 36	1 28	4 38	2 42	10 28	0 47	6 19	S25
M26	12 20	27 51	4 31	11 2	0 58	1 30	1 32	22 37	0 48	3 38	1 28	4 36	2 42	10 28	0 47	6 20	M26
T27	12 40	27 29	5 1	11 43	0 51	1 59	1 33	22 44	0 49	3 40	1 27	4 35	2 42	10 29	0 47	6 20	T27
W28	13 1	25 40	5 16	12 24	0 45	2 27	1 33	22 50	0 49	3 41	1 27	4 33	2 42	10 29	0 47	6 20	W28
T29	13 20	22 39	5 15	13 3	0 38	2 56	1 34	22 57	0 49	3 43	1 27	4 32	2 42	10 29	0 47	6 21	T29
F30	13 40	18 42	5 1	13 42	0 32	3 24	1 34	23 3	0 50	3 44	1 27	4 30	2 42	10 29	0 47	6 21	F30
S31	13s59	14s 4	4s33	14s20	0n25	3s52	1n35	23s 9	0s50	3s46	1s27	4n28	2s42	10s30	0s47	6s21	S31

Julian Day Number = 2697991.5, Delta T = 25m22s

Ecliptic obliquity = 23°21'14, Nutation = - 0°00'10

Ayanamsha: Fagan/Bradley = 34°10'46, Lahiri = 33°17'46

## ASTRODIENST EPHEMERIS for the year 2674

NOVEMBER 2674

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 41 32	8♍34°15	16♋20	11♍32	14♌48	14♌0	23°R48	17°R45	4°R40	15°R44	0°R56	3♌35	3♌13	1°Y27	27°R38	S 1
M 2	2 45 29	9°33'53	28° 9	13°11	16° 2	14°43	23°K44	17°Y41	4°K40	15°K43	0°L56	3°36	3°10	1°33	27°II36	M 2
T 3	2 49 25	10°33'32	9°Y59	14°49	17°16	15°26	23°41	17°36	4°39	15°42	0°56	3°36	3° 7	1°40	27°34	T 3
W 4	2 53 22	11°33'14	21°53	16°26	18°30	16° 9	23°38	17°32	4°39	15°41	0°56	3°37	3° 4	1°47	27°32	W 4
T 5	2 57 18	12°32'58	3♌54	18° 3	19°45	16°52	23°35	17°28	4°38	15°41	0°56	3°R37	3° 1	1°53	27°30	T 5
F 6	3 1 15	13°32'43	16° 3	19°39	20°59	17°36	23°33	17°24	4°38	15°40	0°56	3°37	2°58	2° 0	27°28	F 6
S 7	3 5 12	14°32'30	28°23	21°15	22°14	18°19	23°30	17°20	4°37	15°39	0°55	3°36	2°54	2° 7	27°26	S 7
S 8	3 9 8	15°32'20	10♍54	22°50	23°28	19° 2	23°28	17°17	4°37	15°39	0°55	3°35	2°51	2°13	27°23	S 8
M 9	3 13 5	16°32'11	23°37	24°24	24°43	19°46	23°26	17°13	4°37	15°38	0°55	3°33	2°48	2°20	27°21	M 9
T 10	3 17 1	17°32'05	6♌34	25°59	25°58	20°29	23°24	17° 9	4°37	15°38	0°55	3°31	2°45	2°27	27°19	T 10
W 11	3 20 58	18°32'00	19°46	27°32	27°12	21°13	23°23	17° 6	4°37	15°37	0°55	3°29	2°42	2°33	27°16	W 11
T 12	3 24 54	19°31'58	3♌12	29° 6	28°27	21°57	23°21	17° 2	4°36	15°36	0°54	3°28	2°38	2°40	27°14	T 12
F 13	3 28 51	20°31'58	16°54	0♌38	29°42	22°41	23°20	16°58	4°36	15°36	0°54	3°D27	2°35	2°47	27°11	F 13
S 14	3 32 47	21°32'00	0♍52	2°11	0♍56	23°24	23°19	16°55	4°D36	15°36	0°54	3°27	2°32	2°53	27° 9	S 14
S 15	3 36 44	22°32'04	15° 5	3°43	2°11	24° 8	23°18	16°52	4°36	15°35	0°53	3°28	2°29	3° 0	27° 6	S 15
M 16	3 40 41	23°32'10	29°31	5°14	3°26	24°52	23°18	16°48	4°36	15°35	0°53	3°30	2°26	3° 7	27° 3	M 16
T 17	3 44 37	24°32'18	14♌4	6°45	4°41	25°36	23°17	16°45	4°37	15°34	0°53	3°31	2°23	3°13	27° 1	T 17
W 18	3 48 34	25°32'28	28°49	8°16	5°56	26°20	23°D17	16°42	4°37	15°34	0°52	3°R32	2°19	3°20	26°58	W 18
T 19	3 52 30	26°32'40	13♍29	9°47	7°10	27° 5	23°17	16°39	4°37	15°34	0°52	3°31	2°16	3°27	26°55	T 19
F 20	3 56 27	27°32'54	28° 2	11°17	8°25	27°49	23°17	16°36	4°37	15°34	0°51	3°30	2°13	3°33	26°52	F 20
S 21	4 0 23	28°33'10	12♌21	12°46	9°40	28°33	23°18	16°33	4°38	15°33	0°51	3°27	2°10	3°40	26°49	S 21
S 22	4 4 20	29°33'28	26°21	14°15	10°55	29°18	23°18	16°30	4°38	15°33	0°50	3°23	2° 7	3°47	26°46	S 22
M 23	4 8 16	0♌33'47	9♌58	15°44	12°10	0♌2	23°19	16°28	4°39	15°33	0°50	3°19	2° 4	3°53	26°43	M 23
T 24	4 12 13	1°34'07	23°11	17°12	13°25	0°47	23°20	16°25	4°39	15°33	0°49	3°15	2° 0	4° 0	26°40	T 24
W 25	4 16 10	2°34'29	6♌1	18°40	14°40	1°31	23°22	16°23	4°40	15°33	0°49	3°11	1°57	4° 7	26°37	W 25
T 26	4 20 6	3°34'52	18°30	20° 7	15°55	2°16	23°23	16°20	4°40	15°33	0°48	3° 9	1°54	4°13	26°34	T 26
F 27	4 24 3	4°35'16	0♌41	21°34	17°10	3° 0	23°25	16°18	4°41	15°D33	0°48	3°D 8	1°51	4°20	26°31	F 27
S 28	4 27 59	5°35'42	12°40	23° 0	18°26	3°45	23°27	16°16	4°42	15°33	0°47	3° 8	1°48	4°27	26°28	S 28
S 29	4 31 56	6°36'09	24°31	24°26	19°41	4°30	23°29	16°13	4°42	15°33	0°46	3° 9	1°44	4°33	26°25	S 29
M 30	4 35 52	7♌36'37	6°Y20	25♌51	20♍56	5♌15	23°K31	16°Y11	4°K43	15°K33	0°L46	3♌11	1♌41	4°Y40	26°II21	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	14s19	8s57	3s53	14s57	0n18	4s21	1n35	23s14	0s51	3s47	1s26	4n27	2s41	10s30	0s47	6s22
M 2	14 38	3 33	3 4	15 33	0 11	4 49	1 35	23 20	0 51	3 48	1 26	4 25	2 41	10 30	0 47	6 22
T 3	14 56	1n59	2 7	16 9	0 5	5 17	1 36	23 25	0 52	3 49	1 26	4 24	2 41	10 30	0 47	6 22
W 4	15 15	7 30	1 5	16 44	0s 2	5 45	1 36	23 30	0 52	3 50	1 26	4 23	2 41	10 30	0 47	6 23
T 5	15 33	12 48	0n 2	17 17	0 9	6 13	1 36	23 35	0 52	3 51	1 26	4 21	2 41	10 30	0 47	6 23
F 6	15 51	17 41	1 8	17 50	0 16	6 41	1 36	23 39	0 53	3 52	1 25	4 20	2 41	10 30	0 47	6 23
S 7	16 9	21 53	2 13	18 22	0 23	7 9	1 36	23 44	0 53	3 53	1 25	4 18	2 41	10 31	0 47	6 23
S 8	16 26	25 10	3 12	18 53	0 29	7 36	1 36	23 48	0 54	3 53	1 25	4 17	2 41	10 31	0 47	6 24
M 9	16 43	27 15	4 3	19 23	0 36	8 4	1 35	23 52	0 54	3 54	1 25	4 16	2 40	10 31	0 47	6 24
T 10	17 0	27 53	4 42	19 52	0 43	8 31	1 35	23 55	0 54	3 54	1 25	4 15	2 40	10 31	0 47	6 24
W 11	17 17	26 58	5 7	20 20	0 49	8 58	1 35	23 59	0 55	3 55	1 24	4 13	2 40	10 31	0 47	6 24
T 12	17 33	24 30	5 16	20 47	0 56	9 25	1 34	24 2	0 55	3 55	1 24	4 12	2 40	10 31	0 47	6 24
F 13	17 49	20 36	5 7	21 13	1 2	9 52	1 34	24 5	0 56	3 55	1 24	4 11	2 40	10 31	0 47	6 25
S 14	18 5	15 30	4 41	21 38	1 8	10 18	1 33	24 7	0 56	3 56	1 24	4 10	2 40	10 31	0 47	6 25
S 15	18 20	9 29	3 57	22 2	1 14	10 45	1 32	24 10	0 56	3 56	1 24	4 9	2 40	10 31	0 47	6 25
M 16	18 35	2 54	2 57	22 25	1 20	11 11	1 32	24 12	0 57	3 56	1 23	4 8	2 39	10 31	0 47	6 25
T 17	18 50	3s56	1 45	22 46	1 26	11 36	1 31	24 14	0 57	3 56	1 23	4 6	2 39	10 31	0 47	6 25
W 18	19 5	10 37	0 26	23 7	1 32	12 2	1 30	24 16	0 57	3 56	1 23	4 5	2 39	10 30	0 47	6 25
T 19	19 19	16 42	0s55	23 26	1 37	12 27	1 29	24 17	0 58	3 55	1 23	4 4	2 39	10 30	0 47	6 25
F 20	19 33	21 47	2 11	23 45	1 43	12 52	1 28	24 18	0 58	3 55	1 22	4 3	2 39	10 30	0 46	6 25
S 21	19 46	25 27	3 18	24 2	1 48	13 17	1 27	24 19	0 58	3 55	1 22	4 3	2 38	10 30	0 46	6 25
S 22	19 59	27 29	4 11	24 18	1 53	13 41	1 26	24 20	0 59	3 54	1 22	4 2	2 38	10 30	0 46	6 26
M 23	20 12	27 46	4 48	24 32	1 57	14 5	1 25	24 20	0 59	3 54	1 22	4 1	2 38	10 30	0 46	6 26
T 24	20 24	26 26	5 9	24 46	2 2	14 29	1 24	24 20	0 59	3 53	1 21	4 0	2 38	10 29	0 46	6 26
W 25	20 36	23 45	5 13	24 58	2 6	14 52	1 22	24 20	1 0	3 52	1 21	3 59	2 38	10 29	0 46	6 26
T 26	20 48	20 1	5 2	25 9	2 10	15 15	1 21	24 20	1 0	3 51	1 21	3 59	2 37	10 29	0 46	6 26
F 27	20 59	15 31	4 38	25 18	2 13	15 38	1 19	24 19	1 0	3 51	1 21	3 58	2 37	10 29	0 46	6 26
S 28	21 10	10 31	4 2	25 27	2 17	16 0	1 18	24 18	1 0	3 50	1 20	3 57	2 37	10 28	0 46	6 26
S 29	21 20	5 10	3 16	25 34	2 20	16 22	1 17	24 17	1 1	3 49	1 20	3 57	2 37	10 28	0 46	6 26
M 30	21s30	0n20	2s22	25s40	2s22	16s43	1n15	24s16	1s 1	3s48	1s20	3n56	2s37	10s28	0s46	6s25

Julian Day Number = 2698022.5, Delta T = 25m22s

Ecliptic obliquity = 23°21'14, Nutation = - 0°00'11

Ayanamsha: Fagan/Bradley = 34°10'50, Lahiri = 33°17'50

## ASTRODIENST EPHEMERIS for the year 2674

DECEMBER 2674

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 39 49	8°37'07	18°10'	27°15'	22°11'	6°0	23°33'	16°R 9	4°44'	15°33'	0°R45	3°13'	1°38'	4°47'	26°R18	T 1
W 2	4 43 46	9°37'38	0°8	28°38'	23°26'	6°45	23°36'	16°Y 8	4°45'	15°33'	0°R44	3°R14	1°35'	4°53'	26°R15	W 2
T 3	4 47 42	10°38'10	12°16'	29°59'	24°41'	7°30	23°39'	16° 6	4°46'	15°33'	0°44	3°13'	1°32'	5° 0	26°12'	T 3
F 4	4 51 39	11°38'43	24°37'	1°21	25°56'	8°15	23°42'	16° 4	4°47'	15°34'	0°43	3°11'	1°29'	5° 7	26° 8	F 4
S 5	4 55 35	12°39'18	7°13	2°40	27°12'	9° 0	23°45'	16° 3	4°48'	15°34'	0°42	3° 7	1°25'	5°13'	26° 5	S 5
S 6	4 59 32	13°39'55	20° 5	3°59	28°27'	9°45	23°49'	16° 1	4°49'	15°34'	0°41	3° 1	1°22'	5°20'	26° 2	S 6
M 7	5 3 28	14°40'32	3°11	5°15	29°42'	10°30	23°52'	16° 0	4°50'	15°35'	0°40	2°54	1°19	5°27'	25°58'	M 7
T 8	5 7 25	15°41'11	16°32'	6°30	0°47	11°16	23°56'	15°59	4°51'	15°35'	0°40	2°46	1°16	5°33'	25°55'	T 8
W 9	5 11 21	16°41'52	0°5	7°42	2°13	12° 1	24° 0	15°58	4°53'	15°35'	0°39	2°39	1°13	5°40'	25°51'	W 9
T 10	5 15 18	17°42'34	13°49'	8°52	3°28	12°46	24° 4	15°56	4°54'	15°36'	0°38	2°33	1°10	5°47'	25°48'	T 10
F 11	5 19 15	18°43'17	27°41'	9°59	4°43	13°32	24° 9	15°56	4°55'	15°36'	0°37	2°29	1° 6	5°53'	25°44'	F 11
S 12	5 23 11	19°44'02	11°39	11° 3	5°58	14°17	24°13	15°55	4°57'	15°37'	0°36	2°27	1° 3	6° 0	25°41'	S 12
S 13	5 27 8	20°44'49	25°44	12° 3	7°14	15° 3	24°18	15°54	4°58'	15°37'	0°35	2°D27	1° 0	6° 6	25°37'	S 13
M14	5 31 4	21°45'37	9°53	12°59	8°29	15°49	24°23	15°53	5° 0	15°38'	0°34	2°28	0°57	6°13	25°34'	M14
T 15	5 35 1	22°46'26	24° 6	13°49	9°44	16°34	24°28	15°53	5° 1	15°38'	0°33	2°29	0°54	6°20	25°30'	T 15
W16	5 38 57	23°47'17	8°20	14°35	11° 0	17°20	24°34	15°53	5° 3	15°39	0°32	2°R29	0°50	6°26	25°27'	W16
T 17	5 42 54	24°48'09	22°32	15°13	12°15	18° 6	24°39	15°52	5° 4	15°40	0°31	2°27	0°47	6°33	25°23'	T 17
F 18	5 46 50	25°49'02	6°40	15°45	13°30	18°52	24°45	15°52	5° 6	15°40	0°30	2°23	0°44	6°40	25°20'	F 18
S 19	5 50 47	26°49'56	20°39	16° 9	14°46	19°38	24°51	15°D52	5° 8	15°41	0°29	2°16	0°41	6°46	25°16'	S 19
S 20	5 54 44	27°50'52	4°24	16°24	16° 1	20°24	24°57	15°52	5° 9	15°42	0°28	2° 7	0°38	6°53	25°13'	S 20
M21	5 58 40	28°51'48	17°52	16°R29	17°17	21°10	25° 3	15°52	5°11	15°43	0°27	1°57	0°35	7° 0	25° 9	M21
T 22	6 2 37	29°52'46	1°1	16°24	18°32	21°56	25° 9	15°52	5°13	15°44	0°26	1°46	0°31	7° 6	25° 6	T 22
W23	6 6 33	0°53'43	13°49	16° 8	19°48	22°42	25°16	15°53	5°15	15°44	0°25	1°36	0°28	7°13	25° 2	W23
T 24	6 10 30	1°54'42	26°18	15°40	21° 3	23°28	25°23	15°53	5°17	15°45	0°24	1°29	0°25	7°20	24°59'	T 24
F 25	6 14 26	2°55'41	8°30	15° 1	22°18	24°14	25°30	15°54	5°19	15°46	0°23	1°23	0°22	7°26	24°55'	F 25
S 26	6 18 23	3°56'40	20°30	14°11	23°34	25° 0	25°37	15°55	5°21	15°47	0°22	1°20	0°19	7°33	24°52'	S 26
S 27	6 22 19	4°57'40	2°21	13°10	24°49	25°46	25°44	15°55	5°23	15°48	0°21	1°D19	0°16	7°40	24°48'	S 27
M28	6 26 16	5°58'41	14° 9	12° 1	26° 5	26°33	25°51	15°56	5°25	15°49	0°19	1°19	0°12	7°46	24°45'	M28
T 29	6 30 13	6°59'42	25°59	10°44	27°19	25°59	15°57	15°57	5°27	15°50	0°18	1°R19	0° 9	7°53	24°42'	T 29
W30	6 34 9	8° 0'43	7°58	9°23	28°36	28° 6	26° 6	15°58	5°30	15°51	0°17	1°19	0° 6	8° 0	24°38'	W30
T 31	6 38 6	9°2'14	20°10	8°20	29°51	28°52	26°14	16°Y 0	5°32	15°53	0°16	1°18	0° 3	8°Y 6	24°35'	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	21s40	5n51	1s21	25s44	2s25	17s 4	1n13	24s14	1s 1	3s46	1s20	3n55	2s36	10s27	0s46	6s25	0s49
W 2	21 49	11 13	0 17	25 47	2 27	17 24	1 12	24 12	1 2	3 45	1 20	3 55	2 36	10 27	0 46	6 25	0 49
T 3	21 58	16 15	0n49	25 49	2 28	17 44	1 10	24 10	1 2	3 44	1 19	3 55	2 36	10 27	0 46	6 25	0 49
F 4	22 6	20 42	1 54	25 50	2 29	18 4	1 8	24 8	1 2	3 42	1 19	3 54	2 36	10 26	0 46	6 25	0 49
S 5	22 14	24 18	2 54	25 49	2 29	18 23	1 6	24 5	1 2	3 41	1 19	3 54	2 36	10 26	0 46	6 25	0 49
S 6	22 22	26 45	3 47	25 47	2 29	18 42	1 5	24 2	1 3	3 39	1 19	3 53	2 35	10 25	0 46	6 25	0 49
M 7	22 29	27 47	4 28	25 43	2 29	19 0	1 3	23 59	1 3	3 38	1 18	3 53	2 35	10 25	0 46	6 25	0 48
T 8	22 35	27 14	4 56	25 39	2 27	19 17	1 1	23 55	1 3	3 36	1 18	3 53	2 35	10 24	0 46	6 25	0 48
W 9	22 41	25 4	5 8	25 33	2 25	19 34	0 59	23 52	1 3	3 34	1 18	3 53	2 35	10 24	0 46	6 24	0 48
T 10	22 47	21 27	5 3	25 26	2 23	19 51	0 57	23 48	1 3	3 32	1 18	3 52	2 34	10 23	0 46	6 24	0 48
F 11	22 53	16 36	4 39	25 17	2 19	20 7	0 55	23 43	1 4	3 30	1 17	3 52	2 34	10 23	0 46	6 24	0 48
S 12	22 57	10 51	3 59	25 8	2 15	20 22	0 53	23 39	1 4	3 28	1 17	3 52	2 34	10 22	0 46	6 24	0 48
S 13	23 2	4 31	3 5	24 58	2 10	20 37	0 50	23 34	1 4	3 26	1 17	3 52	2 34	10 22	0 46	6 24	0 48
M14	23 6	2s 5	1 59	24 46	2 3	20 51	0 48	23 29	1 4	3 24	1 17	3 52	2 33	10 21	0 46	6 23	0 48
T 15	23 9	8 37	0 45	24 34	1 56	21 4	0 46	23 24	1 4	3 22	1 17	3 52	2 33	10 21	0 46	6 23	0 48
W16	23 13	14 44	0s31	24 21	1 48	21 17	0 44	23 18	1 5	3 19	1 16	3 52	2 33	10 20	0 45	6 23	0 48
T 17	23 15	20 3	1 46	24 7	1 38	21 30	0 42	23 12	1 5	3 17	1 16	3 52	2 33	10 19	0 45	6 23	0 48
F 18	23 17	24 11	2 53	23 53	1 28	21 41	0 39	23 6	1 5	3 14	1 16	3 53	2 32	10 19	0 45	6 22	0 48
S 19	23 19	26 50	3 49	23 38	1 16	21 52	0 37	23 0	1 5	3 12	1 16	3 53	2 32	10 18	0 45	6 22	0 48
S 20	23 20	27 47	4 30	23 23	1 2	22 3	0 35	22 53	1 5	3 9	1 15	3 53	2 32	10 17	0 45	6 22	0 48
M21	23 21	27 3	4 56	23 8	0 48	22 13	0 32	22 46	1 5	3 7	1 15	3 53	2 32	10 17	0 45	6 21	0 48
T 22	23 21	24 49	5 5	22 52	0 32	22 22	0 30	22 39	1 5	3 4	1 15	3 54	2 31	10 16	0 45	6 21	0 48
W23	23 21	21 22	4 58	22 37	0 14	22 30	0 28	22 32	1 6	3 1	1 15	3 54	2 31	10 15	0 45	6 21	0 48
T 24	23 20	17 2	4 37	22 22	0n 4	22 38	0 25	22 24	1 6	2 58	1 15	3 54	2 31	10 15	0 45	6 20	0 48
F 25	23 19	12 7	4 4	22 8	0 23	22 45	0 23	22 16	1 6	2 55	1 14	3 55	2 31	10 14	0 45	6 20	0 48
S 26	23 18	6 49	3 20	21 54	0 43	22 51	0 20	22 8	1 6	2 52	1 14	3 55	2 30	10 13	0 45	6 20	0 48
S 27	23 16	1 20	2 28	21 40	1 3	22 57	0 18	22 0	1 6	2 49	1 14	3 56	2 30	10 12	0 45	6 19	0 48
M28	23 13	4n10	1 30	21 27	1 23	23 2	0 16	21 51	1 6	2 46	1 14	3 57	2 30	10 11	0 45	6 19	0 48
T 29	23 10	9 34	0 28	21 14	1 42	23 6	0 13	21 42	1 6	2 43	1 13	3 57	2 30	10 11	0 45	6 18	0 48
W30	23 7	14 40	0n35	21 2	2 0	23 10	0 11	21 33	1 6	2 40	1 13	3 58	2 29	10 10	0 45	6 18	0 48
T 31	23s 3	19n18	1n39	20s51	2n16	23s13	0n 8	21s24	1s 6	2s37	1s13	3n59	2s29	10s 9	0s45	6s17	0s48

Julian Day Number = 2698052.5, Delta T = 25m22s

Ecliptic obliquity = 23°21'13, Nutation = - 0°00'10

Ayanamsha: Fagan/Bradley = 34°10'54, Lahiri = 33°17'54

# ASTRODIENST EPHEMERIS for the year 2675

JANUARY 2675

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	6 42 2	10°24'6"	2°11'39"	6°R38	1°38'6"	29°38'38"	26°11'22"	16°11'1"	5°11'34"	15°11'54"	0°11'15"	1°11'13"	29°11'59"	8°11'13"	24°11'31"	F 1
S 2	6 45 59	11°34'49"	15°27'	5°38'20"	2°22'	0°22'25"	26°30'	16°2'	5°36'	15°55'	0°11'14"	1°11'6"	29°11'56"	8°20'	24°11'28"	S 2
S 3	6 49 55	12°45'2"	28°37'	4°8'	3°37'	1°11'	26°39'	16°4'	5°39'	15°56'	0°12'	0°57'	29°53'	8°26'	24°25'	S 3
M 4	6 53 52	13°55'5"	12°56'6"	3°3'	4°53'	1°58'	26°47'	16°6'	5°41'	15°57'	0°11'	0°45'	29°50'	8°33'	24°21'	M 4
T 5	6 57 49	14°6'59"	25°54'	2°8'	6°8'	2°45'	26°56'	16°7'	5°44'	15°59'	0°10'	0°33'	29°47'	8°40'	24°18'	T 5
W 6	7 1 45	15°8'03"	9°55'55"	1°24'	7°24'	3°31'	27°4'	16°9'	5°46'	16°0'	0°9'	0°21'	29°44'	8°46'	24°15'	W 6
T 7	7 5 42	16°9'07"	24°5'	0°50'	8°39'	4°18'	27°13'	16°11'	5°48'	16°1'	0°7'	0°11'	29°41'	8°53'	24°12'	T 7
F 8	7 9 38	17°10'12"	8°11'20"	0°26'	9°55'	5°5'	27°22'	16°13'	5°51'	16°3'	0°6'	0°3'	29°37'	9°0'	24°9'	F 8
S 9	7 13 35	18°11'17"	22°33'	0°13'	11°10'	5°51'	27°31'	16°16'	5°54'	16°4'	0°5'	29°11'59"	29°34'	9°6'	24°5'	S 9
S 10	7 17 31	19°12'23"	6°11'44"	0°D10	12°26'	6°38'	27°41'	16°18'	5°56'	16°5'	0°4'	29°57'	29°31'	9°13'	24°2'	S 10
M 11	7 21 28	20°13'29"	20°50'	0°16'	13°41'	7°25'	27°50'	16°20'	5°59'	16°7'	0°2'	29°D56"	29°28'	9°20'	23°59'	M 11
T 12	7 25 24	21°14'36"	4°11'50"	0°31'	14°57'	8°12'	28°0'	16°23'	6°2'	16°8'	0°1'	29°R56"	29°25'	9°26'	23°56'	T 12
W 13	7 29 21	22°15'44"	18°45'	0°53'	16°12'	8°59'	28°9'	16°25'	6°4'	16°10'	29°55'59"	29°55'	29°22'	9°33'	23°53'	W 13
T 14	7 33 18	23°16'52"	2°11'33"	1°22'	17°28'	9°46'	28°19'	16°28'	6°7'	16°11'	29°59'	29°52'	29°18'	9°39'	23°50'	T 14
F 15	7 37 14	24°18'00"	16°14'	1°58'	18°43'	10°33'	28°29'	16°31'	6°10'	16°13'	29°57'	29°46'	29°15'	9°46'	23°47'	F 15
S 16	7 41 11	25°19'08"	29°46'	2°39'	19°59'	11°20'	28°39'	16°34'	6°13'	16°15'	29°56'	29°37'	29°12'	9°53'	23°45'	S 16
S 17	7 45 7	26°20'17"	13°38'8"	3°25'	21°14'	12°7'	28°49'	16°37'	6°15'	16°16'	29°55'	29°25'	29°9'	9°59'	23°42'	S 17
M 18	7 49 4	27°21'25"	26°16'	4°16'	22°30'	12°54'	29°0'	16°40'	6°18'	16°18'	29°54'	29°11'	29°6'	10°6'	23°39'	M 18
T 19	7 53 0	28°22'33"	9°11'11"	5°11'	23°45'	13°41'	29°10'	16°43'	6°21'	16°19'	29°52'	28°57'	29°2'	10°13'	23°36'	T 19
W 20	7 56 57	29°23'41"	21°49'	6°9'	25°1'	14°28'	29°20'	16°46'	6°24'	16°21'	29°51'	28°44'	28°59'	10°19'	23°34'	W 20
T 21	8 0 53	0°24'49"	4°11'12"	7°11'	26°16'	15°15'	29°31'	16°50'	6°27'	16°23'	29°50'	28°32'	28°56'	10°26'	23°31'	T 21
F 22	8 4 50	1°25'56"	16°21'	8°15'	27°32'	16°2'	29°42'	16°53'	6°30'	16°25'	29°48'	28°23'	28°53'	10°33'	23°28'	F 22
S 23	8 8 47	2°27'03"	28°19'	9°22'	28°47'	16°49'	29°53'	16°57'	6°33'	16°26'	29°47'	28°18'	28°50'	10°39'	23°26'	S 23
S 24	8 12 43	3°28'10"	10°11'9"	10°32'	0°22'	17°36'	0°11'4"	17°0'	6°36'	16°28'	29°46'	28°15'	28°47'	10°46'	23°23'	S 24
M 25	8 16 40	4°29'15"	21°56'	11°43'	1°18'	18°24'	0°15'	17°4'	6°39'	16°30'	29°45'	28°14'	28°43'	10°53'	23°21'	M 25
T 26	8 20 36	5°30'21"	3°11'45"	12°56'	2°33'	19°11'	0°26'	17°8'	6°42'	16°32'	29°43'	28°13'	28°40'	10°59'	23°19'	T 26
W 27	8 24 33	6°31'25"	15°42'	14°11'	3°49'	19°58'	0°37'	17°12'	6°45'	16°34'	29°42'	28°13'	28°37'	11°6'	23°16'	W 27
T 28	8 28 29	7°32'29"	27°53'	15°28'	5°4'	20°45'	0°49'	17°16'	6°48'	16°35'	29°41'	28°12'	28°34'	11°13'	23°14'	T 28
F 29	8 32 26	8°33'32"	10°11'22"	16°46'	6°20'	21°33'	1°0'	17°20'	6°51'	16°37'	29°39'	28°8'	28°31'	11°19'	23°12'	F 29
S 30	8 36 22	9°34'35"	23°15'	18°5'	7°35'	22°20'	1°12'	17°24'	6°55'	16°39'	29°38'	28°2'	28°28'	11°26'	23°10'	S 30
S 31	8 40 19	10°35'37"	6°11'32"	19°38'26"	8°11'51"	23°11'7"	1°11'23"	17°11'28"	6°11'58"	16°11'41"	29°37'37"	27°11'53"	28°11'24"	11°11'33"	23°11'8"	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22s58	23n12	2n38	20s41	2n30	23s15	0n6	21s14	1s6	2s33	1s13	3n59	2s29	10s8	0s45	F 1
S 2	22 54	26 4	3 32	20 33	2 42	23 17	0 3	21 4	1 7	2 30	1 13	4 0	2 29	10 7	0 45	S 2
S 3	22 48	27 36	4 15	20 26	2 52	23 17	0 1	20 54	1 7	2 26	1 12	4 1	2 28	10 6	0 45	S 3
M 4	22 43	27 33	4 46	20 21	2 59	23 17	0s1	20 44	1 7	2 23	1 12	4 2	2 28	10 5	0 45	M 4
T 5	22 37	25 48	5 0	20 17	3 3	23 17	0 4	20 34	1 7	2 19	1 12	4 3	2 28	10 4	0 45	T 5
W 6	22 30	22 28	4 57	20 15	3 6	23 15	0 6	20 23	1 7	2 16	1 12	4 4	2 27	10 4	0 45	W 6
T 7	22 23	17 47	4 36	20 15	3 6	23 13	0 9	20 12	1 7	2 12	1 12	4 5	2 27	10 3	0 45	T 7
F 8	22 15	12 5	3 37	20 17	3 4	23 10	0 11	20 1	1 7	2 8	1 12	4 6	2 27	10 2	0 45	F 8
S 9	22 7	5 46	3 4	20 20	3 1	23 7	0 14	19 49	1 7	2 4	1 11	4 7	2 27	10 1	0 45	S 9
S 10	21 59	0s50	1 59	20 24	2 57	23 2	0 16	19 38	1 7	2 1	1 11	4 8	2 26	10 0	0 45	S 10
M 11	21 50	7 22	0 48	20 30	2 51	22 57	0 18	19 26	1 7	1 57	1 11	4 9	2 26	9 59	0 45	M 11
T 12	21 41	13 30	0s26	20 36	2 45	22 52	0 21	19 14	1 7	1 53	1 11	4 10	2 26	9 58	0 45	T 12
W 13	21 31	18 54	1 38	20 43	2 38	22 45	0 23	19 1	1 7	1 49	1 11	4 11	2 26	9 57	0 45	W 13
T 14	21 21	23 16	2 43	20 51	2 30	22 38	0 25	18 49	1 7	1 45	1 10	4 13	2 25	9 56	0 45	T 14
F 15	21 11	26 16	3 38	20 59	2 21	22 30	0 28	18 36	1 7	1 41	1 10	4 14	2 25	9 55	0 45	F 15
S 16	21 0	27 42	4 21	21 7	2 13	22 22	0 30	18 23	1 7	1 36	1 10	4 15	2 25	9 54	0 45	S 16
S 17	20 49	27 29	4 48	21 15	2 4	22 13	0 32	18 10	1 7	1 32	1 10	4 17	2 25	9 53	0 45	S 17
M 18	20 37	25 43	4 59	21 23	1 55	22 3	0 34	17 57	1 7	1 28	1 10	4 18	2 25	9 51	0 45	M 18
T 19	20 25	22 38	4 55	21 30	1 45	21 52	0 36	17 43	1 7	1 24	1 10	4 19	2 24	9 50	0 45	T 19
W 20	20 12	18 32	4 36	21 37	1 36	21 41	0 39	17 30	1 6	1 19	1 9	4 21	2 24	9 49	0 44	W 20
T 21	19 59	13 44	4 4	21 43	1 26	21 29	0 41	17 16	1 6	1 15	1 9	4 22	2 24	9 48	0 44	T 21
F 22	19 46	8 28	3 42	21 49	1 17	21 17	0 43	17 2	1 6	1 11	1 9	4 24	2 24	9 47	0 44	F 22
S 23	19 33	2 59	2 31	21 54	1 8	21 4	0 45	16 48	1 6	1 6	1 9	4 26	2 23	9 46	0 44	S 23
S 24	19 19	2n33	1 34	21 58	0 58	20 50	0 47	16 33	1 6	1 2	1 9	4 27	2 23	9 45	0 44	S 24
M 25	19 4	8 0	0 33	22 1	0 49	20 36	0 49	16 19	1 6	0 57	1 9	4 29	2 23	9 44	0 44	M 25
T 26	18 50	13 11	0n29	22 4	0 40	20 21	0 51	16 4	1 6	0 53	1 8	4 30	2 23	9 42	0 44	T 26
W 27	18 35	17 56	1 31	22 5	0 31	20 5	0 53	15 49	1 6	0 48	1 8	4 32	2 22	9 41	0 44	W 27
T 28	18 19	22 3	2 30	22 5	0 22	19 49	0 55	15 34	1 6	0 43	1 8	4 34	2 22	9 40	0 44	T 28
F 29	18 3	25 17	3 24	22 5	0 14	19 32	0 56	15 18	1 6	0 39	1 8	4 36	2 22	9 39	0 44	F 29
S 30	17 47	27 19	4 8	22 3	0 5	19 15	0 58	15 3	1 5	0 34	1 8	4 37	2 22	9 38	0 44	S 30
S 31	17s31	27n52	4n41	22s0	0s3	18s57	1s0	14s47	1s5	0s29	1s8	4n39	2s22	9s37	0s44	S 31

Julian Day Number = 2698083.5, Delta T = 25m23s  
 Ecliptic obliquity = 23°21'13", Nutation = - 0°00'08"  
 Ayanamsha: Fagan/Bradley = 34°10'58", Lahiri = 33°17'58"

# ASTRODIENST EPHEMERIS for the year 2675

FEBRUARY 2675

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	8 44 16	11°36'38	20°16	20°347	10°36	23°55	1°35	17°33	7°1	16°43	29°36	27°R41	28°Y21	11°Y39	23°R 6	M 1
T 2	8 48 12	12°37'38	4°23	22°10	11°21	24°42	1°47	17°37	7° 4	16°45	29°334	27°Y29	28°18	11°46	23°II 4	T 2
W 3	8 52 9	13°38'37	18°49	23°34	12°37	25°29	1°59	17°42	7° 7	16°47	29°33	27°18	28°15	11°53	23° 2	W 3
T 4	8 56 5	14°39'36	3°26	24°58	13°52	26°17	2°11	17°46	7°11	16°49	29°32	27° 8	28°12	11°59	23° 0	T 4
F 5	9 0 2	15°40'34	18° 8	26°24	15° 8	27° 4	2°23	17°51	7°14	16°51	29°31	27° 0	28° 8	12° 6	22°58	F 5
S 6	9 3 58	16°41'32	2°47	27°50	16°23	27°52	2°35	17°56	7°17	16°53	29°29	26°55	28° 5	12°12	22°57	S 6
S 7	9 7 55	17°42'29	17°18	29°17	17°38	28°39	2°48	18° 1	7°21	16°55	29°28	26°53	28° 2	12°19	22°55	S 7
M 8	9 11 51	18°43'25	1°36	0°45	18°54	29°26	3° 0	18° 6	7°24	16°57	29°27	26°D53	27°59	12°26	22°54	M 8
T 9	9 15 48	19°44'21	15°39	2°14	20° 9	0°14	3°12	18°11	7°27	16°59	29°26	26°R53	27°56	12°32	22°52	T 9
W10	9 19 45	20°45'17	29°29	3°43	21°25	1° 1	3°25	18°16	7°30	17° 1	29°25	26°53	27°53	12°39	22°51	W10
T 11	9 23 41	21°46'12	13°4	5°14	22°40	1°49	3°38	18°21	7°34	17° 3	29°23	26°51	27°49	12°46	22°49	T 11
F 12	9 27 38	22°47'06	26°26	6°45	23°55	2°36	3°50	18°26	7°37	17° 5	29°22	26°46	27°46	12°52	22°48	F 12
S 13	9 31 34	23°48'00	9°36	8°16	25°11	3°24	4° 3	18°31	7°41	17° 8	29°21	26°39	27°43	12°59	22°47	S 13
S 14	9 35 31	24°48'52	22°34	9°49	26°26	4°11	4°16	18°37	7°44	17°10	29°20	26°29	27°40	13° 6	22°46	S 14
M15	9 39 27	25°49'44	5°21	11°22	27°41	4°59	4°29	18°42	7°47	17°12	29°19	26°18	27°37	13°12	22°45	M15
T 16	9 43 24	26°50'35	17°56	12°56	28°57	5°46	4°42	18°48	7°51	17°14	29°18	26° 6	27°34	13°19	22°44	T 16
W17	9 47 21	27°51'24	0°19	14°31	0°12	6°34	4°55	18°53	7°54	17°16	29°17	25°55	27°30	13°26	22°43	W17
T 18	9 51 17	28°52'13	12°31	16° 6	1°27	7°21	5° 8	18°59	7°58	17°18	29°16	25°46	27°27	13°32	22°42	T 18
F 19	9 55 14	29°53'00	24°33	17°43	2°43	8° 9	5°21	19° 5	8° 1	17°21	29°14	25°39	27°24	13°39	22°41	F 19
S 20	9 59 10	0°53'46	6°27	19°20	3°58	8°56	5°34	19°10	8° 5	17°23	29°13	25°34	27°21	13°46	22°41	S 20
S 21	10 3 7	1°54'30	18°15	20°57	5°13	9°44	5°48	19°16	8° 8	17°25	29°12	25°32	27°18	13°52	22°40	S 21
M22	10 7 3	2°55'13	0°1	22°36	6°29	10°31	6° 1	19°22	8°11	17°27	29°11	25°D32	27°14	13°59	22°40	M22
T 23	10 11 0	3°55'55	11°49	24°15	7°44	11°19	6°15	19°28	8°15	17°29	29°10	25°33	27°11	14° 6	22°39	T 23
W24	10 14 56	4°56'35	23°45	25°56	8°59	12° 6	6°28	19°34	8°18	17°32	29° 9	25°34	27° 8	14°12	22°39	W24
T 25	10 18 53	5°57'13	5°53	27°37	10°14	12°53	6°42	19°40	8°22	17°34	29° 8	25°R34	27° 5	14°19	22°38	T 25
F 26	10 22 49	6°57'50	18°19	29°19	11°29	13°41	6°55	19°46	8°25	17°36	29° 7	25°34	27° 2	14°25	22°38	F 26
S 27	10 26 46	7°58'25	1°8	1°12	12°45	14°28	7° 9	19°52	8°29	17°38	29° 6	25°31	26°59	14°32	22°38	S 27
S 28	10 30 43	8°58'59	14°23	2°45	14°12	15°16	7°22	19°59	8°32	17°41	29°5	25°Y26	26°Y55	14°Y39	22°II38	S 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
M 1	17s14	26n45	4n59	21s56	0s11	18s38	1s 2	14s32	1s 5	0s24	1s 8	4n41	2s21	9s35	0s44	M 1
T 2	16 57	23 56	4 59	21 51	0 19	18 20	1 3	14 16	1 5	0 20	1 7	4 43	2 21	9 34	0 44	T 2
W 3	16 40	19 34	4 41	21 44	0 26	18 0	1 5	14 0	1 5	0 15	1 7	4 45	2 21	9 33	0 44	W 3
T 4	16 23	14 0	4 4	21 37	0 34	17 40	1 7	13 44	1 5	0 10	1 7	4 47	2 21	9 32	0 44	T 4
F 5	16 5	7 36	3 10	21 28	0 41	17 19	1 8	13 27	1 5	0 5	1 7	4 49	2 21	9 31	0 44	F 5
S 6	15 47	0 48	2 4	21 18	0 48	16 58	1 9	13 11	1 4	0n 0	1 7	4 51	2 20	9 29	0 44	S 6
S 7	15 28	5s59	0 51	21 7	0 55	16 37	1 11	12 54	1 4	0 5	1 7	4 53	2 20	9 28	0 44	S 7
M 8	15 10	12 23	0s25	20 55	1 1	16 15	1 12	12 38	1 4	0 10	1 7	4 55	2 20	9 27	0 44	M 8
T 9	14 51	18 2	1 38	20 41	1 7	15 53	1 14	12 21	1 4	0 15	1 7	4 57	2 20	9 26	0 44	T 9
W10	14 31	22 38	2 44	20 26	1 13	15 30	1 15	12 4	1 4	0 20	1 6	4 59	2 20	9 24	0 44	W10
T 11	14 12	25 55	3 40	20 10	1 19	15 6	1 16	11 47	1 3	0 25	1 6	5 1	2 19	9 23	0 44	T 11
F 12	13 52	27 41	4 23	19 53	1 24	14 43	1 17	11 30	1 3	0 30	1 6	5 3	2 19	9 22	0 44	F 12
S 13	13 32	27 50	4 50	19 34	1 30	14 19	1 18	11 12	1 3	0 36	1 6	5 5	2 19	9 21	0 44	S 13
S 14	13 12	26 27	5 3	19 15	1 34	13 54	1 19	10 55	1 3	0 41	1 6	5 8	2 19	9 19	0 44	S 14
M15	12 52	23 42	5 0	18 54	1 39	13 29	1 20	10 37	1 2	0 46	1 6	5 10	2 19	9 18	0 44	M15
T 16	12 31	19 53	4 42	18 31	1 43	13 4	1 21	10 20	1 2	0 51	1 6	5 12	2 18	9 17	0 44	T 16
W17	12 11	15 14	4 11	18 8	1 47	12 38	1 22	10 2	1 2	0 56	1 6	5 14	2 18	9 15	0 44	W17
T 18	11 50	10 4	3 29	17 43	1 51	12 12	1 23	9 44	1 2	1 2	1 6	5 17	2 18	9 14	0 44	T 18
F 19	11 28	4 35	2 38	17 17	1 54	11 46	1 23	9 26	1 1	1 7	1 6	5 19	2 18	9 13	0 44	F 19
S 20	11 7	1n 0	1 41	16 49	1 57	11 19	1 24	9 8	1 1	1 12	1 5	5 21	2 18	9 12	0 44	S 20
S 21	10 45	6 32	0 39	16 21	2 0	10 53	1 25	8 50	1 1	1 18	1 5	5 24	2 18	9 10	0 44	S 21
M22	10 24	11 49	0n24	15 51	2 2	10 25	1 25	8 32	1 1	1 23	1 5	5 26	2 17	9 9	0 44	M22
T 23	10 2	16 42	1 27	15 20	2 4	9 58	1 26	8 14	1 0	1 28	1 5	5 28	2 17	9 8	0 44	T 23
W24	9 40	21 0	2 26	14 48	2 5	9 30	1 26	7 55	1 0	1 34	1 5	5 31	2 17	9 6	0 44	W24
T 25	9 18	24 30	3 20	14 14	2 6	9 2	1 26	7 37	1 0	1 39	1 5	5 33	2 17	9 5	0 44	T 25
F 26	8 55	26 56	4 6	13 39	2 7	8 34	1 27	7 19	0 59	1 45	1 5	5 36	2 17	9 4	0 44	F 26
S 27	8 33	28 2	4 42	13 3	2 7	8 5	1 27	7 0	0 59	1 50	1 5	5 38	2 17	9 3	0 44	S 27
S 28	8s10	27n36	5n 3	12s26	2s 7	7s37	1s27	6s41	0s59	1n55	1s 5	5n40	2s17	9s 1	0s44	S 28

Julian Day Number = 2698114.5, Delta T = 25m23s  
 Ecliptic obliquity = 23°21'14, Nutation = - 0°00'07  
 Ayanamsha: Fagan/Bradley = 34°11'03, Lahiri = 33°18'03

## ASTRODIENST EPHEMERIS for the year 2675

MARCH 2675

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	10 34 39	9°59'30	28°07	4°30	15°15	16°3	7°36	20°5	8°36	17°43	29°R 4	25°R20	26°Y52	14°Y45	22°D38	M 1
T 2	10 38 36	11° 0'00	12°08	6°15	16°30	16°51	7°50	20°11	8°39	17°45	29°3	25°Y13	26°49	14°52	22°II38	T 2
W 3	10 42 32	12° 0'29	26°54	8° 2	17°45	17°38	8° 4	20°18	8°43	17°47	29° 3	25° 6	26°46	14°59	22°38	W 3
T 4	10 46 29	13° 0'56	11°48	9°49	19° 0	18°26	8°18	20°24	8°46	17°50	29° 2	25° 0	26°43	15° 5	22°38	T 4
F 5	10 50 25	14° 1'21	26°51	11°37	20°15	19°13	8°32	20°31	8°50	17°52	29° 1	24°55	26°40	15°12	22°39	F 5
S 6	10 54 22	15° 1'44	11°54	13°27	21°30	20° 0	8°46	20°37	8°53	17°54	29° 0	24°52	26°36	15°19	22°39	S 6
S 7	10 58 18	16° 2'06	26°49	15°17	22°45	20°48	9° 0	20°44	8°56	17°57	28°59	24°D52	26°33	15°25	22°39	S 7
M 8	11 2 15	17° 2'27	11°28	17° 8	24° 0	21°35	9°14	20°50	9° 0	17°59	28°58	24°53	26°30	15°32	22°40	M 8
T 9	11 6 12	18° 2'47	25°47	19° 0	25°15	22°23	9°28	20°57	9° 3	18° 1	28°58	24°54	26°27	15°39	22°40	T 9
W10	11 10 8	19° 3'05	9°45	20°52	26°30	23°10	9°42	21° 4	9° 7	18° 3	28°57	24°55	26°24	15°45	22°41	W10
T 11	11 14 5	20° 3'22	23°22	22°46	27°45	23°57	9°56	21°11	9°10	18° 6	28°56	24°R56	26°20	15°52	22°42	T 11
F 12	11 18 1	21° 3'37	6°39	24°40	29° 0	24°45	10°10	21°17	9°14	18° 8	28°55	24°54	26°17	15°59	22°43	F 12
S 13	11 21 58	22° 3'51	19°37	26°35	0°Y15	25°32	10°24	21°24	9°17	18°10	28°55	24°52	26°14	16° 5	22°44	S 13
S 14	11 25 54	23° 4'04	2°20	28°30	1°30	26°19	10°39	21°31	9°20	18°12	28°54	24°48	26°11	16°12	22°44	S 14
M15	11 29 51	24° 4'15	14°50	0°Y25	2°45	27° 6	10°53	21°38	9°24	18°15	28°53	24°43	26° 8	16°18	22°46	M15
T 16	11 33 47	25° 4'24	27° 8	2°21	4° 0	27°54	11° 7	21°45	9°27	18°17	28°53	24°37	26° 5	16°25	22°47	T 16
W17	11 37 44	26° 4'32	9°16	4°17	5°15	28°41	11°21	21°52	9°31	18°19	28°52	24°32	26° 1	16°32	22°48	W17
T 18	11 41 41	27° 4'37	21°16	6°13	6°30	29°28	11°36	21°59	9°34	18°22	28°51	24°28	25°58	16°38	22°49	T 18
F 19	11 45 37	28° 4'42	3°Y10	8° 8	7°45	0°Y15	11°50	22° 6	9°37	18°24	28°51	24°24	25°55	16°45	22°50	F 19
S 20	11 49 34	29° 4'44	14°59	10° 2	8°59	1° 3	12° 5	22°13	9°41	18°26	28°50	24°23	25°52	16°52	22°52	S 20
S 21	11 53 30	0°Y 4'44	26°46	11°55	10°14	1°50	12°19	22°20	9°44	18°28	28°50	24°D22	25°49	16°58	22°53	S 21
M22	11 57 27	1° 4'42	8°33	13°47	11°29	2°37	12°33	22°27	9°47	18°31	28°49	24°23	25°45	17° 5	22°55	M22
T 23	12 1 23	2° 4'39	20°23	15°37	12°44	3°24	12°48	22°35	9°50	18°33	28°49	24°25	25°42	17°12	22°56	T 23
W24	12 5 20	3° 4'33	2°II20	17°25	13°58	4°11	13° 2	22°42	9°54	18°35	28°48	24°26	25°39	17°18	22°58	W24
T 25	12 9 16	4° 4'25	14°29	19°10	15°13	4°58	13°17	22°49	9°57	18°37	28°48	24°28	25°36	17°25	23° 0	T 25
F 26	12 13 13	5° 4'15	26°53	20°51	16°28	5°45	13°31	22°56	10° 0	18°39	28°47	24°29	25°33	17°32	23° 2	F 26
S 27	12 17 10	6° 4'03	9°38	22°29	17°42	6°32	13°46	23° 4	10° 3	18°42	28°47	24°R29	25°30	17°38	23° 3	S 27
S 28	12 21 6	7° 3'49	22°46	24° 2	18°57	7°19	14° 0	23°11	10° 7	18°44	28°47	24°28	25°26	17°45	23° 5	S 28
M29	12 25 3	8° 3'32	6°Q22	25°31	20°12	8° 6	14°15	23°18	10°10	18°46	28°46	24°27	25°23	17°52	23° 7	M29
T 30	12 28 59	9° 3'14	20°25	26°55	21°26	8°53	14°29	23°25	10°13	18°48	28°46	24°25	25°20	17°58	23° 9	T 30
W31	12 32 56	10°Y 2'52	4°Y55	28°Y13	22°Y41	9°Y40	14°Y44	23°Y33	10°Y16	18°Y50	28°Y46	24°Y23	25°Y17	18°Y 5	23°II12	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	7s48	25n30	5n 8	11s48	2s 7	7s 8	1s27	6s23	0s58	2n 1	1s 5	5n43	2s16	9s 0	0s44	M 1
T 2	7 25	21 46	4 55	11 8	2 6	6 39	1 27	6 4	0 58	2 6	1 5	5 45	2 16	8 59	0 44	T 2
W 3	7 2	16 37	4 23	10 27	2 5	6 10	1 27	5 45	0 58	2 12	1 4	5 48	2 16	8 57	0 44	W 3
T 4	6 39	10 23	3 32	9 45	2 3	5 40	1 27	5 27	0 57	2 17	1 4	5 50	2 16	8 56	0 44	T 4
F 5	6 16	3 29	2 26	9 2	2 0	5 11	1 27	5 8	0 57	2 23	1 4	5 53	2 16	8 55	0 44	F 5
S 6	5 53	3s37	1 10	8 18	1 57	4 41	1 26	4 49	0 57	2 29	1 4	5 56	2 16	8 54	0 44	S 6
S 7	5 29	10 28	0s11	7 32	1 54	4 11	1 26	4 30	0 56	2 34	1 4	5 58	2 16	8 52	0 44	S 7
M 8	5 6	16 38	1 29	6 45	1 50	3 41	1 26	4 11	0 56	2 40	1 4	6 1	2 15	8 51	0 44	M 8
T 9	4 43	21 44	2 41	5 58	1 46	3 11	1 25	3 32	0 56	2 45	1 4	6 3	2 15	8 50	0 44	T 9
W10	4 19	25 28	3 40	5 9	1 41	2 41	1 25	3 53	0 55	2 51	1 4	6 6	2 15	8 48	0 44	W10
T 11	3 56	27 37	4 26	4 19	1 35	2 11	1 24	3 14	0 55	2 56	1 4	6 9	2 15	8 47	0 44	T 11
F 12	3 32	28 8	4 57	3 29	1 29	1 40	1 24	2 55	0 54	3 2	1 4	6 11	2 15	8 46	0 44	F 12
S 13	3 8	27 3	5 11	2 37	1 22	1 10	1 23	2 36	0 54	3 8	1 4	6 14	2 15	8 45	0 44	S 13
S 14	2 45	24 35	5 10	1 45	1 15	0 40	1 22	2 17	0 54	3 13	1 4	6 16	2 15	8 43	0 44	S 14
M15	2 21	21 0	4 53	0 52	1 7	0 9	1 21	1 58	0 53	3 19	1 4	6 19	2 15	8 42	0 44	M15
T 16	1 57	16 33	4 24	0n 2	0 59	0n21	1 20	1 39	0 53	3 24	1 4	6 22	2 15	8 41	0 44	T 16
W17	1 33	11 30	3 43	0 56	0 50	0 52	1 20	1 19	0 52	3 30	1 4	6 24	2 15	8 40	0 44	W17
T 18	1 10	6 5	2 52	1 50	0 40	1 22	1 19	1 0	0 52	3 36	1 4	6 27	2 14	8 38	0 44	T 18
F 19	0 46	0 30	1 54	2 45	0 30	1 53	1 17	0 41	0 52	3 41	1 4	6 30	2 14	8 37	0 44	F 19
S 20	0 22	5n 5	0 52	3 39	0 20	2 23	1 16	0 22	0 51	3 47	1 4	6 33	2 14	8 36	0 44	S 20
S 21	0n 2	10 29	0n13	4 34	0 9	2 53	1 15	0 3	0 51	3 52	1 4	6 35	2 14	8 35	0 44	S 21
M22	0 26	15 31	1 17	5 28	0n 3	3 24	1 14	0n16	0 50	3 58	1 4	6 38	2 14	8 33	0 44	M22
T 23	0 49	20 0	2 19	6 21	0 15	3 54	1 13	0 35	0 50	4 4	1 3	6 41	2 14	8 32	0 44	T 23
W24	1 13	23 44	3 15	7 14	0 27	4 24	1 11	0 54	0 49	4 9	1 3	6 43	2 14	8 31	0 44	W24
T 25	1 37	26 28	4 3	8 5	0 39	4 54	1 10	1 13	0 49	4 15	1 3	6 46	2 14	8 30	0 44	T 25
F 26	2 0	28 8	4 41	8 55	0 52	5 24	1 8	1 32	0 48	4 21	1 3	6 49	2 14	8 29	0 44	F 26
S 27	2 24	28 5	5 6	9 43	1 5	5 54	1 7	1 51	0 48	4 26	1 3	6 52	2 14	8 27	0 44	S 27
S 28	2 48	26 38	5 16	10 30	1 17	6 23	1 5	2 10	0 47	4 32	1 3	6 54	2 14	8 26	0 44	S 28
M29	3 11	23 37	5 10	11 14	1 30	6 53	1 4	2 29	0 47	4 38	1 3	6 57	2 14	8 25	0 44	M29
T 30	3 35	19 8	4 45	11 56	1 43	7 22	1 2	2 48	0 46	4 43	1 3	7 0	2 14	8 24	0 44	T 30
W31	3n58	13n25	4n 1	12n35	1n55	7n52	1s 0	3n 7	0s46	4n49	1s 3	7n 2	2s14	8s23	0s44	W31

Julian Day Number = 2698142.5, Delta T = 25m23s

Ecliptic obliquity = 23°21'14", Nutation = - 0°00'07"

Ayanamsha: Fagan/Bradley = 34°11'07", Lahiri = 33°18'07"

# ASTRODIENST EPHEMERIS for the year 2675

APRIL 2675

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 36 52	11° 2' 29"	19° 47'	29° 25'	23° 55'	10° 27'	14° 59'	23° 40'	10° 19'	18° 53'	28° 45'	24° 21'	25° 14'	18° 11'	23° 14'	T 1
F 2	12 40 49	12° 2' 04"	4° 54'	0° 30'	25° 10'	11° 13'	15° 13'	23° 48'	10° 22'	18° 55'	28° 45'	24° 20'	25° 11'	18° 18'	23° 16'	F 2
S 3	12 44 45	13° 1' 36"	20° 8'	1° 29'	26° 24'	12° 0'	15° 28'	23° 55'	10° 25'	18° 57'	28° 45'	24° 20'	25° 7'	18° 25'	23° 18'	S 3
S 4	12 48 42	14° 1' 07"	5° 18'	2° 20'	27° 39'	12° 47'	15° 42'	24° 2'	10° 28'	18° 59'	28° 45'	24° 20'	25° 4'	18° 31'	23° 21'	S 4
M 5	12 52 39	15° 0' 36"	20° 16'	3° 5'	28° 53'	13° 34'	15° 57'	24° 10'	10° 31'	19° 1'	28° 44'	24° 20'	25° 1'	18° 38'	23° 23'	M 5
T 6	12 56 35	16° 0' 03"	4° 54'	3° 42'	0° 8'	14° 20'	16° 11'	24° 17'	10° 34'	19° 3'	28° 44'	24° 21'	24° 58'	18° 45'	23° 26'	T 6
W 7	13 0 32	16° 59' 29"	19° 7'	4° 11'	1° 22'	15° 7'	16° 26'	24° 25'	10° 37'	19° 5'	28° 44'	24° 22'	24° 55'	18° 51'	23° 28'	W 7
T 8	13 4 28	17° 58' 52"	2° 35'	4° 33'	2° 36'	15° 54'	16° 41'	24° 32'	10° 40'	19° 7'	28° 44'	24° 22'	24° 51'	18° 58'	23° 31'	T 8
F 9	13 8 25	18° 58' 14"	16° 16'	4° 47'	3° 50'	16° 40'	16° 55'	24° 40'	10° 43'	19° 9'	28° 44'	24° 23'	24° 48'	19° 5'	23° 34'	F 9
S 10	13 12 21	19° 57' 35"	29° 14'	4° 54'	5° 4'	17° 27'	17° 10'	24° 47'	10° 46'	19° 11'	28° 44'	24° 23'	24° 45'	19° 11'	23° 36'	S 10
S 11	13 16 18	20° 56' 53"	11° 52'	4° 53'	6° 19'	18° 13'	17° 24'	24° 55'	10° 49'	19° 13'	28° 44'	24° 22'	24° 42'	19° 18'	23° 39'	S 11
M 12	13 20 14	21° 56' 10"	24° 13'	4° 46'	7° 33'	19° 0'	17° 39'	25° 2'	10° 52'	19° 15'	28° 44'	24° 22'	24° 39'	19° 25'	23° 42'	M 12
T 13	13 24 11	22° 55' 25"	6° 12'	4° 31'	8° 47'	19° 46'	17° 53'	25° 10'	10° 54'	19° 17'	28° 44'	24° 22'	24° 36'	19° 31'	23° 45'	T 13
W 14	13 28 8	23° 54' 38"	18° 21'	4° 10'	10° 1'	20° 33'	18° 8'	25° 17'	10° 57'	19° 19'	28° 44'	24° 22'	24° 32'	19° 38'	23° 48'	W 14
T 15	13 32 4	24° 53' 49"	0° 11'	3° 44'	11° 15'	21° 19'	18° 22'	25° 25'	11° 0'	19° 21'	28° 44'	24° 22'	24° 29'	19° 44'	23° 51'	T 15
F 16	13 36 1	25° 52' 58"	11° 59'	3° 12'	12° 29'	22° 6'	18° 37'	25° 32'	11° 3'	19° 23'	28° 44'	24° 22'	24° 26'	19° 51'	23° 54'	F 16
S 17	13 39 57	26° 52' 06"	23° 45'	2° 35'	13° 43'	22° 52'	18° 51'	25° 40'	11° 5'	19° 25'	28° 44'	24° 22'	24° 23'	19° 58'	23° 57'	S 17
S 18	13 43 54	27° 51' 11"	5° 33'	1° 55'	14° 58'	23° 38'	19° 6'	25° 47'	11° 8'	19° 27'	28° 44'	24° 22'	24° 20'	20° 4'	24° 1'	S 18
M 19	13 47 50	28° 50' 15"	17° 25'	1° 12'	16° 12'	24° 24'	19° 20'	25° 55'	11° 11'	19° 29'	28° 45'	24° 21'	24° 17'	20° 11'	24° 4'	M 19
T 20	13 51 47	29° 49' 16"	29° 22'	0° 27'	17° 25'	25° 11'	19° 35'	26° 2'	11° 13'	19° 31'	28° 45'	24° 21'	24° 13'	20° 18'	24° 7'	T 20
W 21	13 55 43	0° 34' 15"	11° 26'	29° 41'	18° 39'	25° 57'	19° 49'	26° 10'	11° 16'	19° 33'	28° 45'	24° 20'	24° 10'	20° 24'	24° 11'	W 21
T 22	13 59 40	1° 47' 13"	23° 42'	28° 55'	19° 53'	26° 43'	20° 4'	26° 17'	11° 18'	19° 34'	28° 45'	24° 19'	24° 7'	20° 31'	24° 14'	T 22
F 23	14 3 36	2° 46' 08"	6° 51'	28° 9'	21° 7'	27° 29'	20° 18'	26° 25'	11° 21'	19° 36'	28° 45'	24° 18'	24° 4'	20° 38'	24° 18'	F 23
S 24	14 7 33	3° 45' 00"	18° 57'	27° 25'	22° 21'	28° 15'	20° 32'	26° 32'	11° 23'	19° 38'	28° 46'	24° 17'	24° 1'	20° 44'	24° 21'	S 24
S 25	14 11 30	4° 43' 51"	2° 2'	26° 44'	23° 35'	29° 1'	20° 47'	26° 40'	11° 25'	19° 40'	28° 46'	24° 17'	23° 57'	20° 51'	24° 25'	S 25
M 26	14 15 26	5° 42' 39"	15° 29'	26° 5'	24° 49'	29° 47'	21° 1'	26° 47'	11° 28'	19° 41'	28° 46'	24° 17'	23° 54'	20° 58'	24° 28'	M 26
T 27	14 19 23	6° 41' 25"	29° 20'	25° 29'	26° 2'	0° 33'	21° 15'	26° 54'	11° 30'	19° 43'	28° 47'	24° 18'	23° 51'	21° 4'	24° 32'	T 27
W 28	14 23 19	7° 40' 09"	13° 35'	24° 58'	27° 16'	1° 19'	21° 30'	27° 2'	11° 32'	19° 45'	28° 47'	24° 19'	23° 48'	21° 11'	24° 36'	W 28
T 29	14 27 16	8° 38' 50"	28° 12'	24° 31'	28° 30'	2° 4'	21° 44'	27° 9'	11° 35'	19° 46'	28° 48'	24° 20'	23° 45'	21° 17'	24° 40'	T 29
F 30	14 31 12	9° 37' 30"	13° 7'	24° 9'	29° 43'	2° 50'	21° 58'	27° 17'	11° 37'	19° 48'	28° 48'	24° 21'	23° 42'	21° 24'	24° 43'	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	4n21	6n48	3n 0	13n12	2n 6	8n21	0s58	3n25	0s45	4n54	1s 3	7n 5	2s14	8s21	0s44	5s 7
F 2	4 44	0s19	1 46	13 45	2 17	8 49	0 57	3 44	0 45	5 0	1 3	7 8	2 13	8 20	0 44	5 7
S 3	5 8	7 29	0 23	14 16	2 28	9 18	0 55	4 3	0 44	5 6	1 3	7 11	2 13	8 19	0 44	5 6
S 4	5 31	14 12	1s 1	14 43	2 38	9 47	0 53	4 21	0 44	5 11	1 3	7 13	2 13	8 18	0 44	5 5
M 5	5 54	19 59	2 19	15 6	2 47	10 15	0 51	4 40	0 43	5 17	1 3	7 16	2 13	8 17	0 45	5 4
T 6	6 16	24 25	3 27	15 26	2 54	10 43	0 49	4 59	0 43	5 22	1 3	7 19	2 13	8 16	0 45	5 3
W 7	6 39	27 13	4 20	15 43	3 1	11 10	0 47	5 17	0 42	5 28	1 3	7 22	2 13	8 15	0 45	5 3
T 8	7 2	28 15	4 56	15 55	3 7	11 38	0 45	5 35	0 42	5 33	1 3	7 24	2 13	8 14	0 45	5 2
F 9	7 24	27 34	5 15	16 4	3 11	12 5	0 43	5 54	0 41	5 39	1 3	7 27	2 13	8 13	0 45	5 1
S 10	7 47	25 24	5 17	16 9	3 14	12 32	0 40	6 12	0 41	5 45	1 3	7 30	2 13	8 12	0 45	5 0
S 11	8 9	22 1	5 3	16 10	3 15	12 59	0 38	6 30	0 40	5 50	1 3	7 33	2 13	8 10	0 45	4 59
M 12	8 31	17 44	4 36	16 8	3 15	13 25	0 36	6 48	0 40	5 56	1 3	7 35	2 13	8 9	0 45	4 58
T 13	8 53	12 49	3 57	16 1	3 14	13 51	0 34	7 6	0 39	6 1	1 3	7 38	2 13	8 8	0 45	4 58
W 14	9 15	7 29	3 7	15 51	3 10	14 16	0 31	7 24	0 39	6 7	1 3	7 41	2 13	8 7	0 45	4 57
T 15	9 36	1 56	2 10	15 37	3 5	14 42	0 29	7 42	0 38	6 12	1 3	7 43	2 13	8 6	0 45	4 56
F 16	9 58	3n40	1 8	15 20	2 59	15 7	0 27	8 0	0 37	6 18	1 3	7 46	2 13	8 5	0 45	4 56
S 17	10 19	9 8	0 3	15 0	2 50	15 31	0 24	8 17	0 37	6 23	1 3	7 49	2 13	8 4	0 45	4 55
S 18	10 40	14 18	1n 2	14 37	2 41	15 55	0 22	8 35	0 36	6 28	1 3	7 52	2 13	8 3	0 45	4 54
M 19	11 1	18 58	2 5	14 11	2 30	16 19	0 19	8 52	0 36	6 34	1 3	7 54	2 13	8 2	0 45	4 54
T 20	11 22	22 55	3 2	13 44	2 17	16 42	0 17	9 10	0 35	6 39	1 3	7 57	2 13	8 2	0 45	4 53
W 21	11 43	25 55	3 53	13 15	2 3	17 5	0 14	9 27	0 35	6 45	1 3	8 0	2 13	8 1	0 45	4 52
T 22	12 3	27 45	4 33	12 45	1 49	17 28	0 12	9 44	0 34	6 50	1 3	8 2	2 13	8 0	0 45	4 52
F 23	12 23	28 14	5 2	12 14	1 33	17 50	0 9	10 1	0 33	6 55	1 4	8 5	2 13	7 59	0 45	4 51
S 24	12 43	27 14	5 16	11 43	1 17	18 11	0 7	10 18	0 33	7 1	1 4	8 8	2 13	7 58	0 45	4 50
S 25	13 3	24 44	5 14	11 13	1 1	18 32	0 4	10 35	0 32	7 6	1 4	8 10	2 13	7 57	0 45	4 50
M 26	13 23	20 51	4 56	10 43	0 44	18 53	0 1	10 52	0 32	7 11	1 4	8 13	2 13	7 56	0 45	4 49
T 27	13 42	15 43	4 20	10 15	0 27	19 13	0n 1	11 8	0 31	7 17	1 4	8 15	2 13	7 55	0 45	4 48
W 28	14 1	9 37	3 27	9 47	0 10	19 32	0 4	11 25	0 30	7 22	1 4	8 18	2 13	7 54	0 45	4 48
T 29	14 20	2 51	2 20	9 22	0s 6	19 52	0 6	11 41	0 30	7 27	1 4	8 21	2 14	7 54	0 45	4 47
F 30	14n39	4s13	1n 2	8n59	0s22	20n10	0n 9	11n57	0s29	7n32	1s 4	8n23	2s14	7s53	0s45	4s46

Julian Day Number = 2698173.5, Delta T = 25m24s  
 Ecliptic obliquity = 23°21'15", Nutation = - 0°00'08"  
 Ayanamsha: Fagan/Bradley = 34°11'11", Lahiri = 33°18'11"



# ASTRODIENST EPHEMERIS for the year 2675

JUNE 2675

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 37 22	10♐39°36	21♊21	18♋32	8♌41	26♍49	29♎11	1♏0	12♐25	20♑26	29♒13	23♓25	22♔0	24♕57	27♖4	T 1
W 2	16 41 19	11°37'21	5♌44	20°6	9°53	27°33	29°23	1°6	12°26	20°27	29°15	23♓17	21°57	25°3	27°9	W 2
T 3	16 45 15	12°35'04	19°45	21°43	11°6	28°17	29°36	1°12	12°27	20°28	29°16	23°10	21°54	25°10	27°14	T 3
F 4	16 49 12	13°32'47	3♍19	23°21	12°18	29°1	29°48	1°18	12°27	20°28	29°17	23°3	21°50	25°17	27°19	F 4
S 5	16 53 8	14°30'28	16°27	25°2	13°30	29°45	0♏1	1°25	12°28	20°29	29°18	22°57	21°47	25°23	27°24	S 5
S 6	16 57 5	15°28'08	29°10	26°46	14°42	0♐29	0°13	1°31	12°29	20°30	29°19	22°54	21°44	25°30	27°29	S 6
M 7	17 1 2	16°25'47	11♋32	28°31	15°55	1°13	0°25	1°37	12°29	20°30	29°20	22°D53	21°41	25°37	27°34	M 7
T 8	17 4 58	17°23'25	23°37	0♐19	17°7	1°57	0°37	1°43	12°29	20°31	29°22	22°53	21°38	25°43	27°39	T 8
W 9	17 8 55	18°21'02	5♑31	2°9	18°19	2°40	0°49	1°49	12°30	20°31	29°23	22°53	21°35	25°50	27°43	W 9
T 10	17 12 51	19°18'38	17°19	4°2	19°31	3°24	1°1	1°55	12°30	20°32	29°24	22°R54	21°31	25°57	27°48	T 10
F 11	17 16 48	20°16'14	29°6	5°56	20°43	4°8	1°13	2°0	12°31	20°32	29°25	22°54	21°28	26°3	27°53	F 11
S 12	17 20 44	21°13'48	10♋57	7°53	21°55	4°51	1°25	2°6	12°31	20°32	29°27	22°52	21°25	26°10	27°58	S 12
S 13	17 24 41	22°11'22	22°55	9°52	23°7	5°35	1°37	2°12	12°31	20°33	29°28	22°48	21°22	26°17	28°3	S 13
M14	17 28 37	23°8'55	5♐3	11°52	24°18	6°18	1°48	2°18	12°31	20°33	29°29	22°42	21°19	26°23	28°9	M14
T 15	17 32 34	24°6'27	17°24	13°55	25°30	7°2	2°0	2°23	12°31	20°33	29°31	22°33	21°15	26°30	28°13	T 15
W16	17 36 31	25°3'58	29°58	16°0	26°42	7°45	2°11	2°29	12°31	20°34	29°32	22°23	21°12	26°36	28°18	W16
T 17	17 40 27	26°1'28	12♋46	18°6	27°54	8°28	2°23	2°34	12°R31	20°34	29°33	22°12	21°9	26°43	28°23	T 17
F 18	17 44 24	26°58'58	25°48	20°14	29°5	9°11	2°34	2°40	12°31	20°34	29°35	22°1	21°6	26°50	28°28	F 18
S 19	17 48 20	27°56'26	9♏2	22°23	0♐17	9°55	2°45	2°45	12°31	20°34	29°36	21°52	21°3	26°56	28°33	S 19
S 20	17 52 17	28°53'53	22°27	24°33	1°28	10°38	2°56	2°50	12°31	20°34	29°37	21°45	21°0	27°3	28°38	S 20
M21	17 56 13	29°51'18	6♐4	26°44	2°40	11°21	3°7	2°56	12°31	20°34	29°39	21°40	20°56	27°10	28°43	M21
T 22	18 0 10	0♌48'43	19°51	28°56	3°51	12°4	3°18	3°1	12°31	20°34	29°40	21°38	20°53	27°16	28°48	T 22
W23	18 4 7	1°46'07	3♌49	1♌8	5°3	12°47	3°29	3°6	12°31	20°R34	29°42	21°D38	20°50	27°23	28°53	W23
T 24	18 8 3	2°43'29	17°57	3°20	6°14	13°30	3°40	3°11	12°30	20°34	29°43	21°R38	20°47	27°30	28°58	T 24
F 25	18 12 0	3°40'51	2♐14	5°32	7°25	14°13	3°50	3°16	12°30	20°34	29°44	21°38	20°44	27°36	29°3	F 25
S 26	18 15 56	4°38'12	16°39	7°44	8°36	14°55	4°1	3°21	12°29	20°34	29°46	21°36	20°41	27°43	29°8	S 26
S 27	18 19 53	5°35'32	1♊7	9°54	9°47	15°38	4°11	3°25	12°29	20°34	29°47	21°31	20°37	27°50	29°13	S 27
M28	18 23 49	6°32'51	15°35	12°4	10°58	16°21	4°21	3°30	12°28	20°34	29°49	21°24	20°34	27°56	29°18	M28
T 29	18 27 46	7°30'09	29°56	14°13	12°9	17°3	4°31	3°35	12°28	20°34	29°50	21°15	20°31	28°3	29°23	T 29
W30	18 31 42	8°27'27	14♋4	16°20	13°20	17°46	4°41	3°39	12°27	20°34	29°52	21°4	20°28	28°10	29°28	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	21n58	27s25	4s21	14n45	2s38	24n30	1n26	19n14	0s9	10n7	1s6	9n39	2s17	7s35	0s46	4s32
W 2	22 6 28	7 4 54	15 17	2 31	24 27	1 28	19 25	0 8	10 11	1 6	9 41	2 17	7 35	0 46	4 32	0 50
T 3	22 13 26	5 7 15	48 2 24	24 23	1 30	19 35	0 7	10 15	1 7	9 43	2 17	7 35	0 46	4 32	0 50	20 29
F 4	22 21 24	5 3 16	21 2 16	24 19	1 32	19 45	0 7	10 19	1 7	9 45	2 17	7 35	0 46	4 32	0 50	20 29
S 5	22 27 20	4 42 16	53 2 8	24 13	1 33	19 55	0 6	10 24	1 7	9 47	2 17	7 35	0 47	4 31	0 50	20 29
S 6	22 34 15	36 4 9	17 25	2 0	24 7	1 35	20 5	0 6	10 28	1 7	9 49	2 17	7 34	0 47	4 31	0 50
M 7	22 40 10	21 3 24	17 57	1 51	24 1	1 37	20 15	0 5	10 32	1 7	9 50	2 17	7 34	0 47	4 31	0 50
T 8	22 45 4 50	2 31 18	29 1 42	23 53	1 38	20 24	0 4	10 36	1 7	9 52	2 18	7 34	0 47	4 31	0 50	20 28
W 9	22 51 0n46	1 32 19	1 32	23 45	1 40	20 34	0 3	10 40	1 7	9 54	2 18	7 34	0 47	4 31	0 50	20 28
T 10	22 56 6 19	0 30 19	32 1 22	23 36	1 41	20 43	0 3	10 44	1 7	9 56	2 18	7 34	0 47	4 31	0 50	20 28
F 11	23 0 11 38	0n33 20	2 1 12	23 27	1 42	20 52	0 2	10 48	1 7	9 58	2 18	7 34	0 47	4 31	0 50	20 28
S 12	23 4 16 34	1 35 20	32 1 2	23 17	1 44	21 0	0 1	10 52	1 8	10 0	2 18	7 34	0 47	4 30	0 50	20 28
S 13	23 7 20 54	2 33 21	0 0 51	23 6	1 45	21 9	0 1	10 56	1 8	10 2	2 18	7 34	0 47	4 30	0 50	20 27
M14	23 11 24 26	3 26 21	28 0 41	22 55	1 46	21 17	0 0	11 0	1 8	10 3	2 19	7 34	0 47	4 30	0 50	20 27
T 15	23 13 26 53	4 9 21	54 0 30	22 43	1 47	21 25	0n1	11 4	1 8	10 5	2 19	7 34	0 47	4 30	0 50	20 27
W16	23 16 28 2	4 41 22	19 0 19	22 30	1 48	21 33	0 1	11 7	1 8	10 7	2 19	7 34	0 47	4 30	0 50	20 27
T 17	23 18 27 42	4 59 22	41 0 8	22 17	1 49	21 40	0 2	11 11	1 8	10 8	2 19	7 34	0 47	4 30	0 50	20 26
F 18	23 19 25 52	5 2 23	3 0n3	22 3	1 50	21 47	0 3	11 15	1 8	10 10	2 19	7 34	0 47	4 30	0 50	20 26
S 19	23 20 22 36	4 50 23	22 0 13	21 49	1 50	21 55	0 3	11 19	1 9	10 12	2 20	7 34	0 47	4 30	0 51	20 26
S 20	23 21 18 6	4 21 23	38 0 24	21 34	1 51	22 1	0 4	11 22	1 9	10 13	2 20	7 34	0 47	4 30	0 51	20 26
M21	23 21 12 37	3 37 23	53 0 34	21 18	1 52	22 8	0 5	11 26	1 9	10 15	2 20	7 34	0 47	4 30	0 51	20 26
T 22	23 21 6 28	2 40 24	5 0 44	21 2	1 52	22 15	0 5	11 29	1 9	10 17	2 20	7 34	0 47	4 30	0 51	20 25
W23	23 21 0s5	1 33 24	14 0 53	20 45	1 52	22 21	0 6	11 33	1 9	10 18	2 20	7 34	0 47	4 30	0 51	20 25
T 24	23 20 6 43	0 20 24	21 1 2	20 28	1 53	22 27	0 7	11 36	1 9	10 20	2 21	7 34	0 47	4 30	0 51	20 25
F 25	23 18 13 5	0s56 24	24 1 10	20 10	1 53	22 33	0 7	11 40	1 10	10 21	2 21	7 35	0 47	4 30	0 51	20 25
S 26	23 16 18 48	2 9 24	25 1 18	19 52	1 53	22 38	0 8	11 43	1 10	10 22	2 21	7 35	0 47	4 30	0 51	20 24
S 27	23 14 23 28	3 13 24	1 25	19 33	1 53	22 44	0 9	11 46	1 10	10 24	2 21	7 35	0 47	4 30	0 51	20 24
M28	23 12 26 38	4 5 24	19 1 31	19 14	1 53	22 49	0 9	11 50	1 10	10 25	2 21	7 35	0 47	4 30	0 51	20 24
T 29	23 9 28 2	4 41 24	12 1 37	18 54	1 53	22 54	0 10	11 53	1 10	10 27	2 22	7 35	0 47	4 30	0 51	20 24
W30	23n5	27s34	4s59	24n2	1n42	18n34	1n53	22n58	0n11	11n56	1s10	10n28	2s22	7s36	0s48	4s31

Julian Day Number = 2698234.5, Delta T = 25m25s  
 Ecliptic obliquity = 23°21'14, Nutation = - 0°00'07  
 Ayanamsha: Fagan/Bradley = 34°11'19, Lahiri = 33°18'19

## ASTRODIENST EPHEMERIS for the year 2675

JULY 2675

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 35 39	9°24'44"	27°35'	18°26'	14°31'	18°28'	4°51'	3°44'	12°27'	20°33'	29°53'	20°R52	20°Y25	28°Y16	29°II33	T 1
F 2	18 39 36	10°22'01"	11°22'	20°30'	15°42'	19°11'	5° 1'	3°48'	12°26'	20°33'	29°55'	20°Y41	20°21	28°23'	29°38'	F 2
S 3	18 43 32	11°19'17"	24°27'	22°32'	16°52'	19°53'	5°11'	3°53'	12°25'	20°33'	29°56'	20°33'	20°18	28°29'	29°43'	S 3
S 4	18 47 29	12°16'34"	7° 9'	24°32'	18° 3'	20°36'	5°20'	3°57'	12°24'	20°32'	29°58'	20°26	20°15	28°36'	29°48'	S 4
M 5	18 51 25	13°13'50"	19°32'	26°30'	19°14'	21°18'	5°30'	4° 1'	12°24'	20°32'	29°59'	20°22	20°12	28°43'	29°53'	M 5
T 6	18 55 22	14°11'05"	1°Y38	28°27'	20°24'	22° 0'	5°39'	4° 5'	12°23'	20°32'	0° 1'	20°20	20° 9'	28°49'	29°58'	T 6
W 7	18 59 18	15° 8'21"	13°33'	0° 21'	21°34'	22°42'	5°48'	4° 9'	12°22'	20°31'	0° 2'	20°20	20° 6'	28°56'	0° 3'	W 7
T 8	19 3 15	16° 5'37"	25°22'	2°13'	22°45'	23°24'	5°57'	4°13'	12°21'	20°31'	0° 4'	20°20	20° 2'	29° 3'	0° 8'	T 8
F 9	19 7 11	17° 2'52"	7° 11'	4° 3'	23°55'	24° 6'	6° 6'	4°17'	12°20'	20°30'	0° 5'	20°19	19°59	29° 9'	0°12'	F 9
S 10	19 11 8	18° 0'08"	19° 4'	5°51'	25° 5'	24°48'	6°15'	4°21'	12°19'	20°30'	0° 7'	20°17	19°56	29°16'	0°17'	S 10
S 11	19 15 5	18°57'24"	1° 7'	7°36'	26°15'	25°30'	6°24'	4°24'	12°18'	20°29'	0° 9'	20°12	19°53	29°23'	0°22'	S 11
M 12	19 19 1	19°54'40"	13°24'	9°20'	27°25'	26°12'	6°32'	4°28'	12°17'	20°29'	0°10'	20° 5'	19°50	29°29'	0°27'	M 12
T 13	19 22 58	20°51'55"	25°56'	11° 1'	28°35'	26°54'	6°41'	4°31'	12°15'	20°28'	0°12'	19°55	19°47	29°36'	0°32'	T 13
W 14	19 26 54	21°49'11"	8°46'	12°40'	29°45'	27°36'	6°49'	4°35'	12°14'	20°27'	0°13'	19°43	19°43	29°43'	0°37'	W 14
T 15	19 30 51	22°46'27"	21°54'	14°17'	0° 55'	28°18'	6°57'	4°38'	12°13'	20°27'	0°15'	19°31	19°40	29°49'	0°41'	T 15
F 16	19 34 47	23°43'43"	5° 18'	15°52'	2° 5'	28°59'	7° 5'	4°41'	12°12'	20°26'	0°16'	19°18	19°37	29°56'	0°46'	F 16
S 17	19 38 44	24°40'58"	18°55'	17°25'	3°14'	29°41'	7°13'	4°44'	12°10'	20°25'	0°18'	19° 8'	19°34	0° 3'	0°51'	S 17
S 18	19 42 40	25°38'14"	2° 44'	18°55'	4°24'	0° 53'	7°21'	4°48'	12° 9'	20°25'	0°20'	19° 0'	19°31	0° 9'	0°55'	S 18
M 19	19 46 37	26°35'29"	16°40'	20°23'	5°33'	1° 4'	7°28'	4°51'	12° 8'	20°24'	0°21'	18°54	19°27	0°16'	1° 0'	M 19
T 20	19 50 34	27°32'44"	0° 41'	21°49'	6°42'	1°46'	7°36'	4°53'	12° 6'	20°23'	0°23'	18°51	19°24	0°22'	1° 5'	T 20
W 21	19 54 30	28°29'59"	14°45'	23°13'	7°52'	2°27'	7°43'	4°56'	12° 5'	20°22'	0°24'	18°D50	19°21	0°29'	1° 9'	W 21
T 22	19 58 27	29°27'14"	28°52'	24°34'	9° 1'	3° 8'	7°50'	4°59'	12° 3'	20°21'	0°26'	18°R50	19°18	0°36'	1°14'	T 22
F 23	20 2 23	0° 24'28"	13° 1'	25°53'	10°10'	3°50'	7°57'	5° 1'	12° 1'	20°20'	0°28'	18°50	19°15	0°42'	1°19'	F 23
S 24	20 6 20	1°21'43"	27° 9'	27° 9'	11°19'	4°31'	8° 4'	5° 4'	12° 0'	20°20'	0°29'	18°48	19°12	0°49'	1°23'	S 24
S 25	20 10 16	2°18'57"	11° 16'	28°23'	12°28'	5°12'	8°10'	5° 6'	11°58'	20°19'	0°31'	18°44	19° 8'	0°56'	1°28'	S 25
M 26	20 14 13	3°16'12"	25°18'	29°35'	13°36'	5°53'	8°17'	5° 9'	11°57'	20°18'	0°32'	18°37	19° 5'	1° 2'	1°32'	M 26
T 27	20 18 10	4°13'26"	9° 14'	0° 44'	14°45'	6°34'	8°23'	5°11'	11°55'	20°17'	0°34'	18°27	19° 2'	1° 9'	1°37'	T 27
W 28	20 22 6	5°10'41"	22°58'	1°50'	15°53'	7°15'	8°29'	5°13'	11°53'	20°16'	0°35'	18°16	18°59	1°16'	1°41'	W 28
T 29	20 26 3	6° 7'56"	6° 58'	2°54'	17° 2'	7°56'	8°36'	5°15'	11°51'	20°15'	0°37'	18° 5'	18°56	1°22'	1°46'	T 29
F 30	20 29 59	7° 5'12"	19°40'	3°54'	18°10'	8°37'	8°41'	5°17'	11°50'	20°13'	0°39'	17°54	18°53	1°29'	1°50'	F 30
S 31	20 33 56	8° 2'28"	2° 34'	4° 52'	19° 18'	9° 18'	8°47'	5°19'	11°48'	20°12'	0°40'	17°Y45	18°Y49	1°36'	1°54'	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	23n 1	25s23	4s59	23n50	1n46	18n13	1n53	23n 3	0n11	11n59	1s10	10n29	2s22	7s36	0s48	4s31
F 2	22 57	21 49	4 42	23 36	1 49	17 52	1 53	23 7	0 12	12 2	1 11	10 31	2 22	7 36	0 48	4 31
S 3	22 52	17 16	4 11	23 19	1 52	17 30	1 52	23 11	0 13	12 5	1 11	10 32	2 22	7 37	0 48	4 31
S 4	22 47	12 4	3 28	23 0	1 53	17 8	1 52	23 15	0 13	12 8	1 11	10 33	2 23	7 37	0 48	4 31
M 5	22 42	6 31	2 36	22 39	1 54	16 46	1 51	23 18	0 14	12 11	1 11	10 34	2 23	7 37	0 48	4 31
T 6	22 36	0 51	1 37	22 16	1 55	16 23	1 50	23 21	0 15	12 14	1 11	10 35	2 23	7 38	0 48	4 31
W 7	22 30	4n47	0 36	21 52	1 54	15 59	1 49	23 25	0 15	12 17	1 12	10 36	2 23	7 38	0 48	4 32
T 8	22 23	10 12	0n27	21 26	1 53	15 36	1 49	23 27	0 16	12 20	1 12	10 38	2 24	7 38	0 48	4 32
F 9	22 16	15 15	1 28	20 59	1 52	15 12	1 48	23 30	0 17	12 23	1 12	10 39	2 24	7 39	0 48	4 32
S 10	22 9	19 46	2 26	20 30	1 49	14 47	1 46	23 32	0 17	12 25	1 12	10 40	2 24	7 39	0 48	4 32
S 11	22 1	23 32	3 18	20 1	1 46	14 22	1 45	23 35	0 18	12 28	1 12	10 41	2 24	7 40	0 48	4 33
M 12	21 53	26 19	4 2	19 30	1 42	13 57	1 44	23 37	0 19	12 31	1 12	10 42	2 25	7 40	0 48	4 33
T 13	21 44	27 52	4 35	18 59	1 38	13 32	1 43	23 38	0 19	12 33	1 13	10 43	2 25	7 41	0 48	4 33
W 14	21 36	27 58	4 55	18 26	1 33	13 6	1 41	23 40	0 20	12 36	1 13	10 43	2 25	7 41	0 48	4 33
T 15	21 26	26 31	5 0	17 53	1 28	12 40	1 40	23 41	0 21	12 38	1 13	10 44	2 25	7 42	0 48	4 34
F 16	21 17	23 33	5 4	17 19	1 22	12 13	1 38	23 42	0 21	12 40	1 13	10 45	2 25	7 42	0 48	4 34
S 17	21 7	19 14	4 21	16 45	1 15	11 47	1 36	23 43	0 22	12 43	1 13	10 46	2 26	7 43	0 48	4 34
S 18	20 56	13 51	3 38	16 11	1 8	11 20	1 34	23 44	0 23	12 45	1 14	10 47	2 26	7 43	0 48	4 35
M 19	20 46	7 44	2 41	15 36	1 1	10 53	1 32	23 44	0 23	12 47	1 14	10 47	2 26	7 44	0 48	4 35
T 20	20 35	1 11	1 35	15 1	0 53	10 25	1 30	23 45	0 24	12 50	1 14	10 48	2 26	7 44	0 48	4 35
W 21	20 23	5s28	0 22	14 26	0 44	9 57	1 28	23 45	0 25	12 52	1 14	10 49	2 27	7 45	0 48	4 36
T 22	20 12	11 52	0s53	13 51	0 35	9 29	1 26	23 44	0 25	12 54	1 14	10 50	2 27	7 46	0 48	4 36
F 23	19 59	17 40	2 4	13 15	0 26	9 1	1 24	23 44	0 26	12 56	1 15	10 50	2 27	7 46	0 48	4 36
S 24	19 47	22 30	3 8	12 40	0 16	8 33	1 21	23 43	0 27	12 58	1 15	10 51	2 27	7 47	0 48	4 37
S 25	19 34	26 1	4 0	12 5	0 6	8 4	1 19	23 42	0 27	13 0	1 15	10 51	2 28	7 48	0 48	4 37
M 26	19 21	27 53	4 37	11 31	0s 4	7 36	1 16	23 41	0 28	13 2	1 15	10 52	2 28	7 48	0 48	4 38
T 27	19 8	27 59	4 58	10 56	0 15	7 7	1 13	23 40	0 29	13 3	1 16	10 52	2 28	7 49	0 48	4 38
W 28	18 54	26 21	5 1	10 23	0 26	6 38	1 11	23 39	0 29	13 5	1 16	10 53	2 29	7 50	0 48	4 38
T 29	18 40	23 13	4 46	9 49	0 38	6 9	1 8	23 37	0 30	13 7	1 16	10 53	2 29	7 50	0 48	4 39
F 30	18 26	18 56	4 17	9 17	0 49	5 39	1 5	23 35	0 31	13 9	1 16	10 54	2 29	7 51	0 48	4 39
S 31	18n12	13s52	3s35	8n44	1s 1	5n10	1n 2	23n33	0n31	13n10	1s16	10n54	2s29	7s52	0s49	4s40

Julian Day Number = 2698264.5, Delta T = 25m25s

Ecliptic obliquity = 23°21'14", Nutation = - 0°00'05"

Ayanamsha: Fagan/Bradley = 34°11'23", Lahiri = 33°18'23"

## ASTRODIENST EPHEMERIS for the year 2675

AUGUST 2675

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 37 52	8♂59'44	15♂9 9	5♂47	20♂26	9♂58	8♂53	5♂20	11°R46	20°R11	0♂42	17°R39	18°Y46	1♂42	1♂59	S 1
M 2	20 41 49	9°57'01	27°28	6°38	21°34	10°39	8°58	5°22	11°K44	20°K10	0°43	17°Y34	18°43	1°49	2° 3	M 2
T 3	20 45 45	10°54'19	9°Y32	7°26	22°42	11°20	9° 3	5°23	11°42	20° 9	0°45	17°33	18°40	1°56	2° 7	T 3
W 4	20 49 42	11°51'37	21°27	8°11	23°50	12° 0	9° 8	5°25	11°40	20° 8	0°46	17°D32	18°37	2° 2	2°11	W 4
T 5	20 53 38	12°48'56	3♂16	8°52	24°57	12°41	9°13	5°26	11°38	20° 7	0°48	17°33	18°33	2° 9	2°15	T 5
F 6	20 57 35	13°46'17	15° 5	9°30	26° 4	13°21	9°18	5°27	11°36	20° 5	0°50	17°R33	18°30	2°15	2°20	F 6
S 7	21 1 32	14°43'38	27° 0	10° 3	27°12	14° 2	9°22	5°29	11°34	20° 4	0°51	17°32	18°27	2°22	2°24	S 7
S 8	21 5 28	15°41'00	9♂5	10°32	28°19	14°42	9°27	5°30	11°32	20° 3	0°53	17°30	18°24	2°29	2°28	S 8
M 9	21 9 25	16°38'23	21°26	10°57	29°26	15°23	9°31	5°30	11°30	20° 2	0°54	17°25	18°21	2°35	2°32	M 9
T 10	21 13 21	17°35'47	4♂5	11°18	0♂33	16° 3	9°35	5°31	11°28	20° 0	0°56	17°18	18°18	2°42	2°36	T 10
W 11	21 17 18	18°33'12	17° 6	11°34	1°39	16°43	9°39	5°32	11°26	19°59	0°57	17° 9	18°14	2°49	2°40	W 11
T 12	21 21 14	19°30'38	0♂29	11°45	2°46	17°23	9°42	5°33	11°24	19°58	0°59	17° 0	18°11	2°55	2°44	T 12
F 13	21 25 11	20°28'04	14°12	11°51	3°52	18° 3	9°46	5°33	11°21	19°56	1° 0	16°50	18° 8	3° 2	2°47	F 13
S 14	21 29 8	21°25'32	28°12	11°R53	4°58	18°43	9°49	5°33	11°19	19°55	1° 2	16°42	18° 5	3° 9	2°51	S 14
S 15	21 33 4	22°23'00	12♂25	11°49	6° 4	19°23	9°52	5°34	11°17	19°53	1° 3	16°36	18° 2	3°15	2°55	S 15
M 16	21 37 1	23°20'29	26°46	11°39	7°10	20° 3	9°55	5°34	11°15	19°52	1° 5	16°32	17°58	3°22	2°59	M 16
T 17	21 40 57	24°17'59	11♂10	11°25	8°16	20°43	9°57	5°R34	11°13	19°51	1° 6	16°D30	17°55	3°29	3° 2	T 17
W 18	21 44 54	25°15'30	25°32	11° 5	9°22	21°23	10° 0	5°34	11°10	19°49	1° 8	16°31	17°52	3°35	3° 6	W 18
T 19	21 48 50	26°13'01	9♂49	10°40	10°27	22° 3	10° 2	5°34	11° 8	19°48	1° 9	16°32	17°49	3°42	3°10	T 19
F 20	21 52 47	27°10'33	23°59	10°10	11°32	22°43	10° 4	5°34	11° 6	19°46	1°11	16°R32	17°46	3°49	3°13	F 20
S 21	21 56 43	28° 8'06	8♂1	9°36	12°37	23°22	10° 6	5°33	11° 3	19°45	1°12	16°32	17°43	3°55	3°17	S 21
S 22	22 0 40	29° 5'39	21°54	8°57	13°42	24° 2	10° 8	5°33	11° 1	19°43	1°14	16°30	17°39	4° 2	3°20	S 22
M 23	22 4 37	0♂3'14	5♂37	8°14	14°47	24°41	10° 9	5°32	10°59	19°42	1°15	16°26	17°36	4° 9	3°23	M 23
T 24	22 8 33	1° 0'49	19° 9	7°28	15°51	25°21	10°11	5°32	10°56	19°40	1°16	16°20	17°33	4°15	3°27	T 24
W 25	22 12 30	1°58'25	2♂28	6°40	16°55	26° 0	10°12	5°31	10°54	19°39	1°18	16°13	17°30	4°22	3°30	W 25
T 26	22 16 26	2°56'03	15°34	5°50	17°59	26°40	10°13	5°30	10°52	19°37	1°19	16° 5	17°27	4°28	3°33	T 26
F 27	22 20 23	3°53'41	28°26	5° 0	19° 3	27°19	10°14	5°29	10°49	19°35	1°21	15°58	17°24	4°35	3°36	F 27
S 28	22 24 19	4°51'20	11♂3	4°10	20° 6	27°58	10°14	5°28	10°47	19°34	1°22	15°52	17°20	4°42	3°39	S 28
S 29	22 28 16	5°49'01	23°26	3°20	21° 9	28°37	10°14	5°27	10°45	19°32	1°23	15°48	17°17	4°48	3°43	S 29
M 30	22 32 12	6°46'43	5°Y37	2°34	22°12	29°16	10°R15	5°26	10°42	19°31	1°25	15°46	17°14	4°55	3°46	M 30
T 31	22 36 9	7♂44'26	17°Y36	1♂50	23♂15	29♂55	10♂14	5♂24	10♂40	19♂29	1♂26	15°D46	17°Y11	5♂2	3♂48	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	17n57	8s20	2s43	8n13	1s13	4n40	0n59	23n31	0n32	13n12	1s17	10n54	2s30	7s52	0s49	4s40
M 2	17 41	2 37	1 45	7 43	1 26	4 11	0 55	23 28	0 33	13 13	1 17	10 54	2 30	7 53	0 49	4 41
T 3	17 26	3n 7	0 43	7 13	1 38	3 41	0 52	23 26	0 33	13 15	1 17	10 55	2 30	7 54	0 49	4 41
W 4	17 10	8 39	0n21	6 45	1 51	3 11	0 49	23 23	0 34	13 16	1 17	10 55	2 30	7 55	0 49	4 42
T 5	16 54	13 52	1 23	6 18	2 4	2 41	0 45	23 20	0 35	13 17	1 18	10 55	2 31	7 55	0 49	4 42
F 6	16 38	18 34	2 22	5 52	2 17	2 11	0 41	23 16	0 35	13 19	1 18	10 55	2 31	7 56	0 49	4 43
S 7	16 21	22 34	3 15	5 28	2 30	1 41	0 38	23 13	0 36	13 20	1 18	10 55	2 31	7 57	0 49	4 43
S 8	16 5	25 41	4 0	5 5	2 42	1 11	0 34	23 9	0 37	13 21	1 18	10 55	2 31	7 58	0 49	4 44
M 9	15 48	27 39	4 35	4 44	2 55	0 41	0 30	23 5	0 37	13 22	1 18	10 56	2 32	7 59	0 49	4 44
T 10	15 30	28 14	4 57	4 24	3 8	0 11	0 26	23 1	0 38	13 23	1 19	10 56	2 32	7 59	0 49	4 45
W 11	15 13	27 18	5 5	4 7	3 20	0s19	0 22	22 57	0 39	13 24	1 19	10 56	2 32	8 0	0 49	4 45
T 12	14 55	24 48	4 57	3 51	3 32	0 49	0 18	22 53	0 39	13 25	1 19	10 55	2 32	8 1	0 49	4 46
F 13	14 37	20 50	4 31	3 38	3 44	1 19	0 14	22 48	0 40	13 26	1 19	10 55	2 33	8 2	0 49	4 46
S 14	14 19	15 39	3 49	3 28	3 55	1 50	0 9	22 43	0 40	13 27	1 20	10 55	2 33	8 3	0 49	4 47
S 15	14 0	9 32	2 52	3 19	4 5	2 20	0 5	22 38	0 41	13 27	1 20	10 55	2 33	8 4	0 49	4 48
M 16	13 41	2 52	1 44	3 14	4 15	2 50	0 0	22 33	0 42	13 28	1 20	10 55	2 34	8 5	0 49	4 48
T 17	13 23	3s58	0 29	3 11	4 24	3 20	0s4	22 28	0 42	13 29	1 20	10 55	2 34	8 5	0 49	4 49
W 18	13 3	10 35	0s48	3 11	4 32	3 50	0 9	22 22	0 43	13 29	1 21	10 54	2 34	8 6	0 49	4 49
T 19	12 44	16 38	2 2	3 14	4 39	4 20	0 13	22 17	0 44	13 30	1 21	10 54	2 34	8 7	0 49	4 50
F 20	12 25	21 44	3 8	3 20	4 45	4 50	0 18	22 11	0 44	13 30	1 21	10 54	2 35	8 8	0 49	4 51
S 21	12 5	25 33	4 2	3 29	4 49	5 19	0 23	22 5	0 45	13 31	1 21	10 53	2 35	8 9	0 49	4 51
S 22	11 45	27 47	4 41	3 40	4 52	5 49	0 28	21 59	0 46	13 31	1 21	10 53	2 35	8 10	0 49	4 52
M 23	11 25	28 17	5 3	3 55	4 53	6 18	0 33	21 52	0 46	13 31	1 22	10 53	2 35	8 11	0 49	4 52
T 24	11 5	27 4	5 8	4 13	4 52	6 48	0 38	21 46	0 47	13 31	1 22	10 52	2 36	8 12	0 49	4 53
W 25	10 44	24 21	4 56	4 33	4 50	7 17	0 43	21 39	0 48	13 31	1 22	10 52	2 36	8 12	0 49	4 54
T 26	10 23	20 23	4 29	4 55	4 45	7 46	0 48	21 32	0 48	13 31	1 22	10 51	2 36	8 13	0 49	4 54
F 27	10 3	15 33	3 48	5 19	4 39	8 15	0 53	21 25	0 49	13 32	1 23	10 51	2 36	8 14	0 49	4 55
S 28	9 42	10 8	2 57	5 44	4 31	8 44	0 59	21 18	0 50	13 31	1 23	10 50	2 37	8 15	0 49	4 55
S 29	9 21	4 25	1 58	6 11	4 21	9 13	1 4	21 11	0 50	13 31	1 23	10 49	2 37	8 16	0 49	4 56
M 30	9 0	1n23	0 55	6 39	4 9	9 41	1 9	21 4	0 51	13 31	1 23	10 49	2 37	8 17	0 49	4 57
T 31	8n38	7n 3	0n10	7n 6	3s56	10s10	1s15	20n56	0n51	13n31	1s24	10n48	2s37	8s18	0s49	4s57

Julian Day Number = 2698295.5, Delta T = 25m25s

Ecliptic obliquity = 23°21'14, Nutation = - 0°00'04

Ayanamsha: Fagan/Bradley = 34°11'28, Lahiri = 33°18'28

## ASTRODIENST EPHEMERIS for the year 2675

SEPTEMBER 2675

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	22 40 5	8 <sup>h</sup> 42 <sup>m</sup> 11 <sup>s</sup>	29 <sup>h</sup> 0 <sup>m</sup> 29 <sup>s</sup>	1°R10	24 <sup>h</sup> 18 <sup>m</sup>	0 <sup>h</sup> 35 <sup>m</sup>	10°R14	5°R23	10°R37	19°R28	1 <sup>h</sup> 27 <sup>m</sup>	15 <sup>h</sup> 46 <sup>m</sup>	17 <sup>h</sup> 0 <sup>m</sup> 8 <sup>s</sup>	5 <sup>h</sup> 8 <sup>m</sup>	3 <sup>h</sup> 51 <sup>m</sup>	W 1
T 2	22 44 2	9°39'58"	11 <sup>h</sup> 18 <sup>m</sup> 17 <sup>s</sup>	0 <sup>h</sup> 36 <sup>m</sup>	25°20'	1°13'	10 <sup>h</sup> 14 <sup>m</sup>	5 <sup>h</sup> 21 <sup>m</sup>	10 <sup>h</sup> 35 <sup>m</sup>	19 <sup>h</sup> 26 <sup>m</sup>	1°29'	15°48'	17° 4'	5°15'	3°54'	T 2
F 3	22 47 59	10°37'46"	23° 6'	0° 7'	26°22'	1°52'	10°13'	5°20'	10°33'	19°24'	1°30'	15°50'	17° 1'	5°22'	3°57'	F 3
S 4	22 51 55	11°35'36"	5 <sup>h</sup> 11 <sup>m</sup> 0 <sup>s</sup>	29 <sup>h</sup> 04 <sup>m</sup> 45 <sup>s</sup>	27°23'	2°31'	10°12'	5°18'	10°30'	19°23'	1°31'	15°51'	16°58'	5°28'	4° 0'	S 4
S 5	22 55 52	12°33'28"	17° 5'	29°30'	28°25'	3°10'	10°11'	5°16'	10°28'	19°21'	1°32'	15°R51'	16°55'	5°35'	4° 2'	S 5
M 6	22 59 48	13°31'21"	29°26'	29°D22	29°26'	3°49'	10°10'	5°14'	10°26'	19°19'	1°34'	15°50'	16°52'	5°42'	4° 5'	M 6
T 7	23 3 45	14°29'16"	12 <sup>h</sup> 28 <sup>m</sup> 5 <sup>s</sup>	29°23'	0 <sup>h</sup> 11 <sup>m</sup> 26 <sup>s</sup>	4°27'	10° 8'	5°12'	10°23'	19°18'	1°35'	15°47'	16°49'	5°48'	4° 7'	T 7
W 8	23 7 41	15°27'13"	25° 9'	29°31'	1°27'	5° 6'	10° 7'	5°10'	10°21'	19°16'	1°36'	15°43'	16°45'	5°55'	4°10'	W 8
T 9	23 11 38	16°25'11"	8 <sup>h</sup> 03 <sup>m</sup> 37 <sup>s</sup>	29°47'	2°27'	5°45'	10° 5'	5° 8'	10°18'	19°15'	1°37'	15°39'	16°42'	6° 2'	4°12'	T 9
F 10	23 15 34	17°23'11"	22°29'	0 <sup>h</sup> 12 <sup>m</sup>	3°27'	6°23'	10° 3'	5° 6'	10°16'	19°13'	1°38'	15°35'	16°39'	6° 8'	4°15'	F 10
S 11	23 19 31	18°21'13"	6 <sup>h</sup> 14 <sup>m</sup> 44 <sup>s</sup>	0°45'	4°26'	7° 2'	10° 1'	5° 3'	10°14'	19°11'	1°40'	15°31'	16°36'	6°15'	4°17'	S 11
S 12	23 23 28	19°19'17"	21°17'	1°25'	5°25'	7°40'	9°58'	5° 1'	10°11'	19°10'	1°41'	15°28'	16°33'	6°22'	4°19'	S 12
M13	23 27 24	20°17'21"	6 <sup>h</sup> 12 <sup>m</sup> 5 <sup>s</sup>	2°14'	6°24'	8°18'	9°55'	4°58'	10° 9'	19° 8'	1°42'	15°27'	16°30'	6°28'	4°21'	M13
T 14	23 31 21	21°15'28"	20°50'	3°10'	7°22'	8°57'	9°53'	4°55'	10° 7'	19° 6'	1°43'	15°D27'	16°26'	6°35'	4°23'	T 14
W15	23 35 17	22°13'36"	5 <sup>h</sup> 11 <sup>m</sup> 36 <sup>s</sup>	4°13'	8°20'	9°35'	9°50'	4°53'	10° 4'	19° 5'	1°44'	15°28'	16°23'	6°41'	4°25'	W15
T 16	23 39 14	23°11'45"	20°12'	5°23'	9°18'	10°13'	9°46'	4°50'	10° 2'	19° 3'	1°45'	15°29'	16°20'	6°48'	4°27'	T 16
F 17	23 43 10	24° 9'56"	4 <sup>h</sup> 27 <sup>m</sup> 36 <sup>s</sup>	6°39'	10°15'	10°51'	9°43'	4°47'	10° 0'	19° 1'	1°46'	15°30'	16°17'	6°55'	4°29'	F 17
S 18	23 47 7	25° 8'09"	18°43'	8° 0'	11°12'	11°29'	9°39'	4°44'	9°57'	19° 0'	1°47'	15°R31'	16°14'	7° 1'	4°31'	S 18
S 19	23 51 3	26° 6'22"	2 <sup>h</sup> 33 <sup>m</sup> 32 <sup>s</sup>	9°27'	12° 8'	12° 7'	9°36'	4°41'	9°55'	18°58'	1°48'	15°31'	16°10'	7° 8'	4°33'	S 19
M20	23 55 0	27° 4'38"	16° 4'	10°59'	13° 4'	12°45'	9°32'	4°38'	9°53'	18°56'	1°49'	15°30'	16° 7'	7°15'	4°34'	M20
T 21	23 58 57	28° 2'54"	29°20'	12°35'	13°59'	13°23'	9°27'	4°34'	9°51'	18°55'	1°50'	15°28'	16° 4'	7°21'	4°36'	T 21
W22	0 2 53	29° 1'12"	12 <sup>h</sup> 28 <sup>m</sup> 19 <sup>s</sup>	14°15'	14°53'	14° 0'	9°23'	4°31'	9°48'	18°53'	1°51'	15°26'	16° 1'	7°28'	4°38'	W22
T 23	0 6 50	29°59'32"	25° 4'	15°57'	15°48'	14°38'	9°19'	4°28'	9°46'	18°52'	1°52'	15°24'	15°58'	7°35'	4°39'	T 23
F 24	0 10 46	0 <sup>h</sup> 57 <sup>m</sup> 53 <sup>s</sup>	7 <sup>h</sup> 36 <sup>m</sup>	17°42'	16°41'	15°16'	9°14'	4°24'	9°44'	18°50'	1°53'	15°22'	15°55'	7°41'	4°40'	F 24
S 25	0 14 43	1°56'16"	19°56'	19°30'	17°34'	15°53'	9° 9'	4°21'	9°42'	18°48'	1°54'	15°20'	15°51'	7°48'	4°42'	S 25
S 26	0 18 39	2°54'40"	2 <sup>h</sup> 0 <sup>m</sup> 6 <sup>s</sup>	21°19'	18°27'	16°31'	9° 4'	4°17'	9°40'	18°47'	1°55'	15°19'	15°48'	7°55'	4°43'	S 26
M27	0 22 36	3°53'07"	14° 6'	23° 9'	19°19'	17° 8'	8°59'	4°13'	9°38'	18°45'	1°56'	15°D19'	15°45'	8° 1'	4°44'	M27
T 28	0 26 32	4°51'35"	26° 0'	25° 0'	20°10'	17°46'	8°53'	4°10'	9°36'	18°44'	1°57'	15°19'	15°42'	8° 8'	4°45'	T 28
W29	0 30 29	5°50'05"	7 <sup>h</sup> 35 <sup>m</sup> 0 <sup>s</sup>	26°52'	21° 0'	18°23'	8°48'	4° 6'	9°33'	18°42'	1°57'	15°20'	15°39'	8°15'	4°46'	W29
T 30	0 34 26	6 <sup>h</sup> 48 <sup>m</sup> 38 <sup>s</sup>	19 <sup>h</sup> 03 <sup>m</sup> 38 <sup>s</sup>	28 <sup>h</sup> 14 <sup>m</sup> 44 <sup>s</sup>	21 <sup>h</sup> 11 <sup>m</sup> 50 <sup>s</sup>	19 <sup>h</sup> 01 <sup>m</sup> 0 <sup>s</sup>	8 <sup>h</sup> 42 <sup>m</sup>	4 <sup>h</sup> 02 <sup>m</sup>	9 <sup>h</sup> 31 <sup>m</sup>	18 <sup>h</sup> 41 <sup>m</sup>	1 <sup>h</sup> 58 <sup>m</sup>	15 <sup>h</sup> 20 <sup>m</sup>	15 <sup>h</sup> 36 <sup>m</sup>	8 <sup>h</sup> 21 <sup>m</sup>	4 <sup>h</sup> 47 <sup>m</sup>	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	8n17	12n24	1n14	7n34	3s41	10s38	1s20	20n48	0n52	13n31	1s24	10n47	2s38	8s19	0s49	4s58
T 2	7 55	17 18	2 15	8 1	3 26	11 6	1 26	20 40	0 53	13 30	1 24	10 47	2 38	8 20	0 49	4 59
F 3	7 33	21 33	3 10	8 26	3 9	11 33	1 31	20 32	0 53	13 30	1 24	10 46	2 38	8 21	0 49	4 59
S 4	7 11	24 57	3 57	8 50	2 51	12 1	1 37	20 24	0 54	13 29	1 24	10 45	2 38	8 21	0 49	5 0
S 5	6 49	27 17	4 35	9 13	2 33	12 28	1 43	20 16	0 55	13 29	1 25	10 44	2 39	8 22	0 49	5 1
M 6	6 27	28 22	5 0	9 33	2 15	12 55	1 48	20 8	0 55	13 28	1 25	10 43	2 39	8 23	0 49	5 1
T 7	6 5	27 59	5 12	9 50	1 56	13 22	1 54	19 59	0 56	13 28	1 25	10 43	2 39	8 24	0 49	5 2
W 8	5 43	26 5	5 9	10 5	1 38	13 49	2 0	19 50	0 57	13 27	1 25	10 42	2 39	8 25	0 49	5 3
T 9	5 20	22 41	4 48	10 16	1 19	14 15	2 6	19 42	0 57	13 26	1 26	10 41	2 39	8 26	0 49	5 3
F 10	4 58	17 55	4 11	10 24	1 1	14 41	2 12	19 33	0 58	13 25	1 26	10 40	2 40	8 27	0 49	5 4
S 11	4 35	12 3	3 17	10 29	0 44	15 7	2 18	19 24	0 58	13 24	1 26	10 39	2 40	8 28	0 49	5 5
S 12	4 13	5 25	2 9	10 31	0 27	15 32	2 24	19 14	0 59	13 23	1 26	10 38	2 40	8 29	0 49	5 5
M13	3 50	1s36	0 52	10 29	0 11	15 58	2 30	19 5	1 0	13 22	1 26	10 37	2 40	8 29	0 49	5 6
T 14	3 27	8 34	0s30	10 23	0n 4	16 22	2 35	18 56	1 0	13 21	1 27	10 36	2 41	8 30	0 49	5 6
W15	3 4	15 3	1 49	10 13	0 19	16 47	2 41	18 46	1 1	13 20	1 27	10 35	2 41	8 31	0 49	5 7
T 16	2 42	20 37	3 0	10 0	0 32	17 11	2 47	18 37	1 2	13 19	1 27	10 33	2 41	8 32	0 49	5 8
F 17	2 19	24 54	3 59	9 44	0 45	17 35	2 53	18 27	1 2	13 18	1 27	10 32	2 41	8 33	0 49	5 8
S 18	1 56	27 33	4 42	9 24	0 56	17 59	3 0	18 17	1 3	13 16	1 27	10 31	2 41	8 34	0 49	5 9
S 19	1 33	28 27	5 8	9 1	1 6	18 22	3 6	18 7	1 4	13 15	1 28	10 30	2 41	8 35	0 49	5 10
M20	1 9	27 37	5 16	8 35	1 15	18 45	3 12	17 57	1 4	13 14	1 28	10 29	2 42	8 35	0 49	5 10
T 21	0 46	25 13	5 7	8 5	1 23	19 7	3 18	17 47	1 5	13 12	1 28	10 27	2 42	8 36	0 49	5 11
W22	0 23	21 33	4 42	7 34	1 30	19 29	3 24	17 37	1 5	13 11	1 28	10 26	2 42	8 37	0 49	5 12
T 23	0 0	16 56	4 3	6 59	1 35	19 51	3 30	17 26	1 6	13 9	1 28	10 25	2 42	8 38	0 49	5 12
F 24	0s23	11 41	3 14	6 23	1 40	20 12	3 36	17 16	1 7	13 7	1 28	10 24	2 42	8 39	0 49	5 13
S 25	0 46	6 4	2 16	5 44	1 44	20 33	3 42	17 5	1 7	13 6	1 29	10 22	2 43	8 40	0 49	5 14
S 26	1 9	0 17	1 13	5 4	1 47	20 54	3 48	16 55	1 8	13 4	1 29	10 21	2 43	8 40	0 49	5 14
M27	1 32	5n27	0 7	4 22	1 48	21 14	3 54	16 44	1 9	13 2	1 29	10 19	2 43	8 41	0 49	5 15
T 28	1 55	10 56	0n59	3 39	1 50	21 34	3 59	16 33	1 9	13 0	1 29	10 18	2 43	8 42	0 49	5 15
W29	2 19	15 59	2 2	2 55	1 50	21 53	4 5	16 22	1 10	12 58	1 29	10 17	2 43	8 43	0 49	5 16
T 30	2s42	20n27	2n59	2n11	1n49	22s12	4s11	16n11	1n10	12n56	1s29	10n15	2s43	8s43	0s49	5s17

Julian Day Number = 2698326.5, Delta T = 25m26s

Ecliptic obliquity = 23°21'15", Nutation = - 0°00'04"

Ayanamsha: Fagan/Bradley = 34°11'32", Lahiri = 33°18'32"

# ASTRODIENST EPHEMERIS for the year 2675

OCTOBER 2675

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	0 38 22	7♂47'12	1♂27	0♂36	22♂39	19♂37	8°R36	3°R58	9°R29	18°R39	1♂59	15°Y21	15°Y32	8♂28	4♂48	F 1
S 2	0 42 19	8°45'49	13°22	2°28	23°28	20°15	8♂30	3♂54	9♂27	18♂37	2° 0	15°22	15°29	8°35	4°49	S 2
S 3	0 46 15	9°44'27	25°26	4°19	24°15	20°52	8°24	3°50	9°25	18°36	2° 1	15°22	15°26	8°41	4°50	S 3
M 4	0 50 12	10°43'08	7♂44	6°11	25° 2	21°29	8°18	3°46	9°23	18°34	2° 1	15°R23	15°23	8°48	4°51	M 4
T 5	0 54 8	11°41'51	20°20	8° 1	25°48	22° 6	8°12	3°42	9°22	18°33	2° 2	15°23	15°20	8°55	4°51	T 5
W 6	0 58 5	12°40'37	3♂19	9°52	26°33	22°42	8° 5	3°37	9°20	18°32	2° 3	15°22	15°16	9° 1	4°52	W 6
T 7	1 2 1	13°39'24	16°43	11°41	27°18	23°19	7°59	3°33	9°18	18°30	2° 3	15°22	15°13	9° 8	4°52	T 7
F 8	1 5 58	14°38'14	0♂33	13°30	28° 1	23°56	7°52	3°29	9°16	18°29	2° 4	15°22	15°10	9°15	4°53	F 8
S 9	1 9 55	15°37'06	14°50	15°18	28°43	24°33	7°45	3°24	9°14	18°27	2° 5	15°D22	15° 7	9°21	4°53	S 9
S 10	1 13 51	16°36'00	29°30	17° 5	29°25	25° 9	7°38	3°20	9°12	18°26	2° 5	15°22	15° 4	9°28	4°53	S 10
M11	1 17 48	17°34'55	14♂27	18°51	0♂ 5	25°46	7°31	3°16	9°11	18°24	2° 6	15°R22	15° 1	9°35	4°53	M11
T 12	1 21 44	18°33'53	29°33	20°36	0°44	26°22	7°23	3°11	9° 9	18°23	2° 6	15°22	14°57	9°41	4°53	T 12
W13	1 25 41	19°32'53	14♂40	22°21	1°22	26°59	7°16	3° 7	9° 7	18°22	2° 7	15°22	14°54	9°48	4°R53	W13
T 14	1 29 37	20°31'55	29°38	24° 4	1°59	27°35	7° 9	3° 2	9° 6	18°20	2° 7	15°21	14°51	9°55	4°53	T 14
F 15	1 33 34	21°30'59	14♂20	25°47	2°35	28°11	7° 1	2°57	9° 4	18°19	2° 8	15°21	14°48	10° 1	4°53	F 15
S 16	1 37 30	22°30'04	28°41	27°29	3° 9	28°47	6°54	2°53	9° 3	18°18	2° 8	15°20	14°45	10° 8	4°53	S 16
S 17	1 41 27	23°29'12	12♂38	29°10	3°42	29°23	6°46	2°48	9° 1	18°16	2° 9	15°20	14°41	10°14	4°53	S 17
M18	1 45 24	24°28'20	26°10	0♂51	4°14	29°59	6°38	2°44	9° 0	18°15	2° 9	15°D19	14°38	10°21	4°52	M18
T 19	1 49 20	25°27'31	9♂19	2°30	4°44	0♂35	6°30	2°39	8°58	18°14	2° 9	15°20	14°35	10°28	4°52	T 19
W20	1 53 17	26°26'43	22° 7	4° 9	5°13	1°11	6°23	2°34	8°57	18°13	2°10	15°20	14°32	10°34	4°51	W20
T 21	1 57 13	27°25'57	4♂38	5°47	5°40	1°47	6°15	2°30	8°56	18°12	2°10	15°22	14°29	10°41	4°51	T 21
F 22	2 1 10	28°25'13	16°55	7°24	6° 5	2°22	6° 7	2°25	8°54	18°10	2°10	15°23	14°26	10°48	4°50	F 22
S 23	2 5 6	29°24'30	29° 2	9° 1	6°29	2°58	5°59	2°20	8°53	18° 9	2°11	15°24	14°22	10°54	4°49	S 23
S 24	2 9 3	0♂23'49	11°Y 0	10°36	6°51	3°34	5°51	2°15	8°52	18° 8	2°11	15°R24	14°19	11° 1	4°49	S 24
M25	2 12 59	1°23'11	22°53	12°11	7°11	4° 9	5°43	2°11	8°51	18° 7	2°11	15°24	14°16	11° 8	4°48	M25
T 26	2 16 56	2°22'34	4♂42	13°46	7°30	4°44	5°34	2° 6	8°50	18° 6	2°11	15°23	14°13	11°14	4°47	T 26
W27	2 20 52	3°21'59	16°31	15°20	7°46	5°20	5°26	2° 1	8°48	18° 5	2°11	15°21	14°10	11°21	4°46	W27
T 28	2 24 49	4°21'26	28°20	16°53	8° 0	5°55	5°18	1°56	8°47	18° 4	2°12	15°19	14° 7	11°28	4°45	T 28
F 29	2 28 46	5°20'56	10♂13	18°25	8°13	6°30	5°10	1°52	8°46	18° 3	2°12	15°15	14° 3	11°34	4°43	F 29
S 30	2 32 42	6°20'28	22°12	19°57	8°23	7° 5	5° 2	1°47	8°45	18° 2	2°12	15°12	14° 0	11°41	4°42	S 30
S 31	2 36 39	7♂20'01	4♂19	21♂28	8♂31	7♂40	4♂54	1♂42	8♂45	18♂ 1	2♂12	15°Y 9	13°Y57	11♂48	4♂41	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
F 1	3s 5	24n 7	3n49	1n25	1n48	22s30	4s17	16n 0	1n11	12n54	1s29	10n14	2s43	8s44	0s49	F 1
S 2	3 28	26 47	4 30	0 39	1 46	22 48	4 23	15 49	1 12	12 52	1 30	10 12	2 44	8 45	0 49	S 2
S 3	3 51	28 15	4 59	0s 8	1 44	23 6	4 28	15 38	1 12	12 50	1 30	10 11	2 44	8 46	0 49	S 3
M 4	4 14	28 22	5 15	0 54	1 41	23 23	4 34	15 27	1 13	12 48	1 30	10 9	2 44	8 46	0 49	M 4
T 5	4 37	27 2	5 16	1 41	1 37	23 40	4 39	15 15	1 14	12 46	1 30	10 8	2 44	8 47	0 49	T 5
W 6	4 59	24 15	5 2	2 28	1 33	23 56	4 45	15 4	1 14	12 44	1 30	10 6	2 44	8 48	0 49	W 6
T 7	5 22	20 5	4 32	3 14	1 29	24 12	4 50	14 53	1 15	12 42	1 30	10 5	2 44	8 48	0 49	T 7
F 8	5 45	14 44	3 44	4 1	1 24	24 27	4 56	14 41	1 16	12 39	1 30	10 3	2 44	8 49	0 49	F 8
S 9	6 8	8 26	2 42	4 47	1 19	24 42	5 1	14 30	1 16	12 37	1 30	10 2	2 44	8 50	0 49	S 9
S 10	6 30	1 32	1 27	5 33	1 14	24 56	5 6	14 18	1 17	12 35	1 30	10 0	2 44	8 50	0 48	S 10
M11	6 53	5s36	0 5	6 18	1 9	25 10	5 11	14 6	1 17	12 32	1 30	9 59	2 44	8 51	0 48	M11
T 12	7 15	12 30	1s18	7 3	1 3	25 23	5 16	13 54	1 18	12 30	1 31	9 57	2 45	8 52	0 48	T 12
W13	7 37	18 40	2 36	7 47	0 57	25 36	5 21	13 43	1 19	12 28	1 31	9 55	2 45	8 52	0 48	W13
T 14	8 0	23 37	3 42	8 31	0 51	25 48	5 25	13 31	1 19	12 25	1 31	9 54	2 45	8 53	0 48	T 14
F 15	8 22	26 57	4 32	9 15	0 44	25 59	5 30	13 19	1 20	12 23	1 31	9 52	2 45	8 53	0 48	F 15
S 16	8 44	28 25	5 4	9 57	0 38	26 11	5 34	13 7	1 21	12 20	1 31	9 51	2 45	8 54	0 48	S 16
S 17	9 5	28 1	5 17	10 39	0 31	26 21	5 38	12 55	1 21	12 18	1 31	9 49	2 45	8 54	0 48	S 17
M18	9 27	25 57	5 12	11 21	0 24	26 31	5 42	12 43	1 22	12 15	1 31	9 47	2 45	8 55	0 48	M18
T 19	9 49	22 31	4 50	12 1	0 18	26 41	5 46	12 31	1 23	12 13	1 31	9 46	2 45	8 55	0 48	T 19
W20	10 10	18 6	4 14	12 41	0 11	26 49	5 50	12 19	1 23	12 10	1 31	9 44	2 45	8 56	0 48	W20
T 21	10 31	13 0	3 27	13 20	0 4	26 58	5 53	12 7	1 24	12 7	1 31	9 43	2 45	8 56	0 48	T 21
F 22	10 52	7 28	2 31	13 59	0s 3	27 5	5 56	11 54	1 25	12 5	1 31	9 41	2 45	8 57	0 48	F 22
S 23	11 13	1 45	1 30	14 36	0 10	27 13	5 59	11 42	1 25	12 2	1 31	9 39	2 45	8 57	0 48	S 23
S 24	11 34	3n58	0 24	15 13	0 17	27 19	6 2	11 30	1 26	12 0	1 31	9 38	2 45	8 58	0 48	S 24
M25	11 55	9 30	0n41	15 49	0 24	27 25	6 4	11 18	1 26	11 57	1 31	9 36	2 45	8 58	0 48	M25
T 26	12 15	14 41	1 45	16 24	0 31	27 30	6 6	11 5	1 27	11 54	1 31	9 35	2 45	8 58	0 48	T 26
W27	12 36	19 20	2 44	16 59	0 38	27 34	6 8	10 53	1 28	11 52	1 31	9 33	2 45	8 59	0 48	W27
T 28	12 56	23 13	3 35	17 32	0 45	27 38	6 9	10 41	1 28	11 49	1 31	9 31	2 45	8 59	0 48	T 28
F 29	13 15	26 9	4 18	18 4	0 51	27 41	6 10	10 28	1 29	11 46	1 31	9 30	2 45	9 0	0 48	F 29
S 30	13 35	27 57	4 50	18 36	0 58	27 43	6 11	10 16	1 30	11 44	1 31	9 28	2 45	9 0	0 48	S 30
S 31	13s55	28n26	5n 9	19s 6	1s 5	27s45	6s11	10n 4	1n30	11n41	1s31	9n27	2s45	9s 0	0s48	S 31

Julian Day Number = 2698356.5, Delta T = 25m26s  
Ecliptic obliquity = 23°21'15, Nutation = - 0°00'05  
Ayanamsha: Fagan/Bradley = 34°11'36, Lahiri = 33°18'36

# ASTRODIENST EPHEMERIS for the year 2675

NOVEMBER 2675

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	2 40 35	8♂19°38	16♂38	22♂59	8♂37	8♂15	4°R46	1°R38	8°R44	18°R 0	2♂12	15°R 6	13°Y54	11♂54	4°R39	M 1
T 2	2 44 32	9°19'16	29°12	24°29	8°40	8°50	4♂38	1♂33	8♂43	17♂59	2°12	15°Y 5	13°51	12° 1	4♂38	T 2
W 3	2 48 28	10°18'56	12♂4	25°58	8°R42	9°24	4°30	1°28	8°42	17°58	2°R12	15°D 4	13°47	12° 8	4°36	W 3
T 4	2 52 25	11°18'39	25°19	27°27	8°40	9°59	4°22	1°24	8°41	17°57	2°12	15° 5	13°44	12°14	4°35	T 4
F 5	2 56 22	12°18'24	8♂59	28°55	8°37	10°33	4°14	1°19	8°41	17°57	2°12	15° 6	13°41	12°21	4°33	F 5
S 6	3 0 18	13°18'11	23° 5	0♂22	8°31	11° 8	4° 6	1°14	8°40	17°56	2°12	15° 8	13°38	12°28	4°31	S 6
S 7	3 4 15	14°18'00	7♂37	1°49	8°23	11°42	3°58	1°10	8°39	17°55	2°12	15°R 9	13°35	12°34	4°30	S 7
M 8	3 8 11	15°17'51	22°30	3°15	8°12	12°16	3°50	1° 5	8°39	17°54	2°12	15° 9	13°32	12°41	4°28	M 8
T 9	3 12 8	16°17'45	7♂39	4°41	7°59	12°50	3°42	1° 1	8°38	17°54	2°11	15° 7	13°28	12°48	4°26	T 9
W10	3 16 4	17°17'40	22°55	6° 5	7°43	13°25	3°35	0°56	8°38	17°53	2°11	15° 4	13°25	12°54	4°24	W10
T 11	3 20 1	18°17'37	8♂6	7°29	7°26	13°58	3°27	0°52	8°38	17°52	2°11	15° 0	13°22	13° 1	4°22	T 11
F 12	3 23 57	19°17'37	23° 4	8°53	7° 5	14°32	3°19	0°48	8°37	17°52	2°11	14°55	13°19	13° 8	4°20	F 12
S 13	3 27 54	20°17'38	7♂40	10°15	6°43	15° 6	3°12	0°43	8°37	17°51	2°11	14°50	13°16	13°14	4°17	S 13
S 14	3 31 51	21°17'40	21°48	11°36	6°19	15°40	3° 5	0°39	8°37	17°51	2°10	14°45	13°13	13°21	4°15	S 14
M15	3 35 47	22°17'44	5♂28	12°57	5°52	16°13	2°57	0°35	8°37	17°50	2°10	14°42	13° 9	13°28	4°13	M15
T 16	3 39 44	23°17'49	18°40	14°16	5°24	16°46	2°50	0°31	8°37	17°50	2°10	14°D41	13° 6	13°34	4°11	T 16
W17	3 43 40	24°17'56	1♂27	15°34	4°54	17°20	2°43	0°26	8°36	17°49	2° 9	14°41	13° 3	13°41	4° 8	W17
T 18	3 47 37	25°18'04	13°53	16°50	4°22	17°53	2°36	0°22	8°D36	17°49	2° 9	14°42	13° 0	13°48	4° 6	T 18
F 19	3 51 33	26°18'14	26° 3	18° 6	3°49	18°26	2°30	0°18	8°36	17°49	2° 9	14°44	12°57	13°54	4° 3	F 19
S 20	3 55 30	27°18'25	8°Y 1	19°19	3°14	18°59	2°23	0°14	8°37	17°48	2° 8	14°45	12°53	14° 1	4° 1	S 20
S 21	3 59 26	28°18'38	19°53	20°31	2°39	19°32	2°16	0°10	8°37	17°48	2° 8	14°R45	12°50	14° 8	3°58	S 21
M22	4 3 23	29°18'53	1♂41	21°40	2° 3	20° 4	2°10	0° 7	8°37	17°48	2° 7	14°44	12°47	14°14	3°55	M22
T 23	4 7 20	0♂19'09	13°29	22°48	1°27	20°37	2° 4	0° 3	8°37	17°47	2° 7	14°40	12°44	14°21	3°52	T 23
W24	4 11 16	1°19'26	25°20	23°52	0°50	21° 9	1°58	29°Y59	8°37	17°47	2° 6	14°34	12°41	14°28	3°50	W24
T 25	4 15 13	2°19'46	7♂14	24°54	0°14	21°42	1°52	29°56	8°38	17°47	2° 6	14°26	12°38	14°34	3°47	T 25
F 26	4 19 9	3°20'07	19°15	25°53	29♂37	22°14	1°46	29°52	8°38	17°47	2° 5	14°16	12°34	14°41	3°44	F 26
S 27	4 23 6	4°20'29	1♂23	26°47	29° 2	22°46	1°40	29°49	8°38	17°47	2° 5	14° 6	12°31	14°48	3°41	S 27
S 28	4 27 2	5°20'54	13°39	27°38	28°27	23°18	1°35	29°45	8°39	17°47	2° 4	13°57	12°28	14°54	3°38	S 28
M29	4 30 59	6°21'20	26° 6	28°24	27°53	23°50	1°29	29°42	8°39	17°D47	2° 3	13°49	12°25	15° 1	3°35	M29
T 30	4 34 55	7♂21'48	8♂44	29♂4	27♂20	24♂22	1♂24	29°Y39	8♂40	17♂47	2♂3	13°Y43	12°Y22	15♂8	3♂32	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	14s14	27n31	5n14	19s36	1s11	27s45	6s10	9n51	1n31	11n39	1s30	9n25	2s45	9s 0	0s48	5s32
T 2	14 33	25 13	5 5	20 5	1 18	27 45	6 10	9 39	1 32	11 36	1 30	9 23	2 45	9 1	0 48	5 32
W 3	14 52	21 36	4 40	20 32	1 24	27 44	6 8	9 27	1 32	11 33	1 30	9 22	2 45	9 1	0 48	5 33
T 4	15 10	16 48	4 0	20 59	1 30	27 42	6 7	9 14	1 33	11 31	1 30	9 20	2 45	9 1	0 48	5 33
F 5	15 29	11 2	3 6	21 25	1 36	27 39	6 4	9 2	1 34	11 28	1 30	9 19	2 45	9 1	0 48	5 33
S 6	15 47	4 33	1 58	21 49	1 42	27 36	6 2	8 49	1 34	11 26	1 30	9 17	2 45	9 2	0 48	5 34
S 7	16 4	2s23	0 41	22 13	1 48	27 31	5 58	8 37	1 35	11 23	1 30	9 16	2 44	9 2	0 48	5 34
M 8	16 22	9 21	0s40	22 35	1 53	27 25	5 54	8 24	1 36	11 21	1 30	9 14	2 44	9 2	0 48	5 34
T 9	16 39	15 54	2 0	22 57	1 59	27 18	5 49	8 12	1 36	11 18	1 30	9 13	2 44	9 2	0 48	5 34
W10	16 56	21 32	3 12	23 17	2 4	27 11	5 44	8 0	1 37	11 16	1 29	9 12	2 44	9 2	0 47	5 35
T 11	17 13	25 41	4 10	23 36	2 9	27 2	5 38	7 47	1 38	11 13	1 29	9 10	2 44	9 2	0 47	5 35
F 12	17 29	27 59	4 49	23 54	2 13	26 52	5 31	7 35	1 38	11 11	1 29	9 9	2 44	9 2	0 47	5 35
S 13	17 45	28 17	5 9	24 11	2 18	26 41	5 24	7 22	1 39	11 8	1 29	9 7	2 44	9 3	0 47	5 35
S 14	18 1	26 41	5 9	24 26	2 22	26 28	5 16	7 10	1 40	11 6	1 29	9 6	2 44	9 3	0 47	5 36
M15	18 17	23 33	4 52	24 41	2 26	26 15	5 7	6 58	1 40	11 4	1 29	9 5	2 44	9 3	0 47	5 36
T 16	18 32	19 16	4 19	24 54	2 29	26 1	4 58	6 45	1 41	11 2	1 29	9 3	2 43	9 3	0 47	5 36
W17	18 47	14 15	3 34	25 6	2 32	25 45	4 48	6 33	1 42	10 59	1 28	9 2	2 43	9 3	0 47	5 36
T 18	19 1	8 47	2 40	25 16	2 35	25 28	4 37	6 21	1 42	10 57	1 28	9 1	2 43	9 3	0 47	5 36
F 19	19 15	3 6	1 40	25 26	2 37	25 11	4 26	6 9	1 43	10 55	1 28	8 59	2 43	9 3	0 47	5 36
S 20	19 29	2n37	0 37	25 34	2 39	24 52	4 13	5 56	1 44	10 53	1 28	8 58	2 43	9 2	0 47	5 36
S 21	19 43	8 11	0n28	25 41	2 40	24 33	4 1	5 44	1 45	10 51	1 28	8 57	2 43	9 2	0 47	5 37
M22	19 56	13 26	1 30	25 46	2 41	24 13	3 48	5 32	1 45	10 49	1 27	8 56	2 43	9 2	0 47	5 37
T 23	20 9	18 12	2 29	25 50	2 41	23 52	3 34	5 20	1 46	10 47	1 27	8 55	2 42	9 2	0 47	5 37
W24	20 21	22 17	3 21	25 53	2 40	23 31	3 20	5 8	1 47	10 45	1 27	8 54	2 42	9 2	0 47	5 37
T 25	20 33	25 28	4 5	25 54	2 39	23 9	3 5	4 56	1 47	10 43	1 27	8 52	2 42	9 2	0 47	5 37
F 26	20 45	27 32	4 38	25 55	2 37	22 46	2 50	4 44	1 48	10 42	1 26	8 51	2 42	9 2	0 47	5 37
S 27	20 56	28 19	4 59	25 53	2 35	22 24	2 35	4 32	1 49	10 40	1 26	8 50	2 42	9 1	0 47	5 37
S 28	21 7	27 44	5 6	25 51	2 31	22 1	2 20	4 20	1 50	10 38	1 26	8 49	2 41	9 1	0 47	5 37
M29	21 18	25 45	4 59	25 47	2 26	21 38	2 5	4 8	1 50	10 37	1 26	8 48	2 41	9 1	0 47	5 37
T 30	21s28	22n28	4n38	25s42	2s21	21s16	1s49	3n56	1n51	10n35	1s25	8n47	2s41	9s 1	0s47	5s37

Julian Day Number = 2698387.5, Delta T = 25m26s  
 Ecliptic obliquity = 23°21'14", Nutation = - 0°00'05  
 Ayanamsha: Fagan/Bradley = 34°11'40", Lahiri = 33°18'40

## ASTRODIENST EPHEMERIS for the year 2675

DECEMBER 2675

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	4 38 52	8°22'17	21°38	29°38	26°R49	24°53	1°R19	29°R35	8°41	17°47	2°R 2	13°R39	12°Y19	15°814	3°R29	W 1
T 2	4 42 49	9°22'49	4°18	0°36	26°M20	25°24	1°10	29°Y32	8°41	17°47	2°R 1	13°D37	12°15	15°21	3°22	T 2
F 3	4 46 45	10°23'22	18°18	0°26	25°56	25°56	1°10	29°29	8°42	17°47	2° 1	13°Y37	12°12	15°28	3°22	F 3
S 4	4 50 42	11°23'56	2°10	0°38	25°26	26°27	1° 5	29°26	8°43	17°47	2° 0	13°38	12° 9	15°34	3°19	S 4
S 5	4 54 38	12°24'33	16°24	0°R42	25° 3	26°58	1° 1	29°24	8°44	17°47	1°59	13°R38	12° 6	15°41	3°16	S 5
M 6	4 58 35	13°25'11	1°0	0°35	24°41	27°29	0°57	29°21	8°45	17°48	1°58	13°37	12° 3	15°48	3°12	M 6
T 7	5 2 31	14°25'51	15°55	0°18	24°22	27°59	0°53	29°18	8°46	17°48	1°58	13°34	11°59	15°54	3° 9	T 7
W 8	5 6 28	15°26'32	1°0	29°50	24° 5	28°30	0°49	29°16	8°47	17°48	1°57	13°27	11°56	16° 1	3° 6	W 8
T 9	5 10 24	16°27'15	16° 7	29°12	23°51	29° 0	0°46	29°13	8°48	17°48	1°56	13°19	11°53	16° 8	3° 2	T 9
F 10	5 14 21	17°28'00	1°36	28°22	23°39	29°31	0°42	29°11	8°49	17°49	1°55	13° 8	11°50	16°14	2°59	F 10
S 11	5 18 18	18°28'45	15°48	27°23	23°29	0°1	0°39	29° 9	8°50	17°49	1°54	12°58	11°47	16°21	2°55	S 11
S 12	5 22 14	19°29'31	0°5	26°14	23°22	0°31	0°36	29° 6	8°51	17°50	1°53	12°48	11°44	16°28	2°52	S 12
M13	5 26 11	20°30'19	13°53	24°59	23°18	1° 0	0°34	29° 4	8°52	17°50	1°53	12°41	11°40	16°34	2°48	M13
T 14	5 30 7	21°31'07	27°11	23°39	23°D16	1°30	0°31	29° 2	8°54	17°51	1°52	12°36	11°37	16°41	2°45	T 14
W15	5 34 4	22°31'56	10°2	22°16	23°16	1°59	0°29	29° 1	8°55	17°51	1°51	12°33	11°34	16°48	2°41	W15
T 16	5 38 0	23°32'46	22°30	20°54	23°19	2°28	0°27	28°59	8°56	17°52	1°50	12°D32	11°31	16°54	2°38	T 16
F 17	5 41 57	24°33'36	4°40	19°35	23°24	2°57	0°25	28°57	8°58	17°52	1°49	12°33	11°28	17° 1	2°34	F 17
S 18	5 45 54	25°34'28	16°37	18°21	23°32	3°26	0°23	28°56	8°59	17°53	1°48	12°R33	11°25	17° 8	2°31	S 18
S 19	5 49 50	26°35'20	28°27	17°16	23°41	3°55	0°22	28°54	9° 1	17°53	1°47	12°32	11°21	17°14	2°27	S 19
M20	5 53 47	27°36'13	10°814	16°20	23°53	4°23	0°20	28°53	9° 2	17°54	1°46	12°28	11°18	17°21	2°23	M20
T 21	5 57 43	28°37'07	22° 3	15°35	24° 7	4°51	0°19	28°51	9° 4	17°55	1°45	12°22	11°15	17°28	2°20	T 21
W22	6 1 40	29°38'01	3°1157	15° 1	24°23	5°19	0°18	28°50	9° 6	17°56	1°44	12°13	11°12	17°34	2°16	W22
T 23	6 5 36	0°38'57	15°59	14°39	24°42	5°47	0°18	28°49	9° 7	17°56	1°43	12° 1	11° 9	17°41	2°12	T 23
F 24	6 9 33	1°39'53	28°11	14°27	25° 2	6°15	0°17	28°48	9° 9	17°57	1°42	11°48	11° 5	17°48	2° 9	F 24
S 25	6 13 29	2°40'50	10°32	14°D26	25°24	6°42	0°17	28°48	9°11	17°58	1°40	11°33	11° 2	17°54	2° 5	S 25
S 26	6 17 26	3°41'48	23° 4	14°35	25°48	7° 9	0°D17	28°47	9°13	17°59	1°39	11°19	10°59	18° 1	2° 1	S 26
M27	6 21 23	4°42'46	5°47	14°53	26°14	7°36	0°17	28°46	9°15	18° 0	1°38	11° 7	10°56	18° 8	1°58	M27
T 28	6 25 19	5°43'46	18°40	15°19	26°41	8° 3	0°17	28°46	9°16	18° 1	1°37	10°58	10°53	18°14	1°54	T 28
W29	6 29 16	6°44'46	1°45	15°52	27°11	8°30	0°18	28°45	9°18	18° 2	1°36	10°51	10°50	18°21	1°51	W29
T 30	6 33 12	7°45'47	15° 2	16°32	27°41	8°56	0°19	28°45	9°20	18° 3	1°35	10°47	10°46	18°28	1°47	T 30
F 31	6 37 9	8°46'49	28°32	17°18	28°M14	9°22	0°20	28°Y45	9°23	18° 4	1°34	10°Y46	10°Y43	18°35	1°43	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	21s37	18n 4	4n 2	25s35	2s14	20s54	1s33	3n44	1n52	10n34	1s25	8n47	2s41	9s 1	0s47	W 1
T 2	21 47	12 42	3 13	25 27	2 6	20 32	1 18	3 32	1 52	10 32	1 25	8 46	2 41	9 0	0 47	T 2
F 3	21 56	6 38	2 11	25 18	1 57	20 10	1 3	3 21	1 53	10 31	1 25	8 45	2 40	9 0	0 47	F 3
S 4	22 4	0 5	1 1	25 7	1 46	19 49	0 47	3 9	1 54	10 29	1 24	8 44	2 40	9 0	0 47	S 4
S 5	22 12	6s39	0s15	24 55	1 34	19 29	0 33	2 57	1 55	10 28	1 24	8 43	2 40	8 59	0 47	S 5
M 6	22 20	13 13	1 31	24 42	1 21	19 10	0 18	2 46	1 55	10 27	1 24	8 43	2 40	8 59	0 46	M 6
T 7	22 27	19 9	2 43	24 27	1 6	18 51	0 3	2 34	1 56	10 26	1 24	8 42	2 40	8 58	0 46	T 7
W 8	22 34	23 57	3 45	24 11	0 50	18 33	0n11	2 23	1 57	10 25	1 23	8 41	2 39	8 58	0 46	W 8
T 9	22 40	27 7	4 30	23 53	0 32	18 16	0 24	2 12	1 58	10 24	1 23	8 40	2 39	8 58	0 46	T 9
F 10	22 46	28 17	4 57	23 34	0 13	18 1	0 38	2 0	1 58	10 23	1 23	8 40	2 39	8 57	0 46	F 10
S 11	22 51	27 26	5 3	23 13	0n 7	17 46	0 51	1 49	1 59	10 22	1 23	8 39	2 39	8 57	0 46	S 11
S 12	22 56	24 47	4 50	22 51	0 27	17 32	1 3	1 38	2 0	10 21	1 22	8 39	2 38	8 56	0 46	S 12
M13	23 1	20 45	4 20	22 28	0 47	17 19	1 15	1 27	2 1	10 21	1 22	8 38	2 38	8 56	0 46	M13
T 14	23 5	15 48	3 37	22 5	1 7	17 7	1 27	1 16	2 1	10 20	1 22	8 38	2 38	8 55	0 46	T 14
W15	23 9	10 18	2 44	21 42	1 26	16 57	1 38	1 5	2 2	10 20	1 21	8 37	2 38	8 55	0 46	W15
T 16	23 12	4 34	1 44	21 19	1 44	16 47	1 49	0 54	2 3	10 19	1 21	8 37	2 37	8 54	0 46	T 16
F 17	23 15	1n12	0 42	20 57	2 0	16 38	1 59	0 43	2 4	10 19	1 21	8 37	2 37	8 54	0 46	F 17
S 18	23 17	6 51	0n22	20 37	2 14	16 31	2 9	0 33	2 5	10 19	1 21	8 36	2 37	8 53	0 46	S 18
S 19	23 19	12 11	1 23	20 20	2 26	16 24	2 18	0 22	2 5	10 18	1 20	8 36	2 37	8 52	0 46	S 19
M20	23 20	17 4	2 21	20 5	2 35	16 18	2 27	0 12	2 6	10 18	1 20	8 36	2 36	8 52	0 46	M20
T 21	23 21	21 19	3 13	19 53	2 42	16 14	2 35	0 1	2 7	10 18	1 20	8 36	2 36	8 51	0 46	T 21
W22	23 21	24 44	3 57	19 45	2 47	16 10	2 43	0s 9	2 8	10 18	1 19	8 36	2 36	8 50	0 46	W22
T 23	23 21	27 6	4 30	19 40	2 50	16 7	2 51	0 19	2 9	10 18	1 19	8 35	2 36	8 50	0 46	T 23
F 24	23 21	28 12	4 52	19 37	2 51	16 5	2 58	0 29	2 9	10 18	1 19	8 35	2 35	8 49	0 46	F 24
S 25	23 20	27 55	5 0	19 38	2 50	16 4	3 4	0 39	2 10	10 18	1 18	8 35	2 35	8 48	0 46	S 25
S 26	23 18	26 13	4 54	19 41	2 48	16 3	3 11	0 49	2 11	10 19	1 18	8 35	2 35	8 48	0 46	S 26
M27	23 16	23 10	4 33	19 46	2 45	16 3	3 17	0 59	2 12	10 19	1 18	8 35	2 35	8 47	0 46	M27
T 28	23 14	18 57	3 58	19 53	2 40	16 4	3 22	1 9	2 13	10 19	1 17	8 35	2 34	8 46	0 46	T 28
W29	23 11	13 47	3 10	20 2	2 35	16 6	3 27	1 19	2 13	10 20	1 17	8 36	2 34	8 45	0 46	W29
T 30	23 8	7 54	2 11	20 12	2 29	16 8	3 32	1 28	2 14	10 20	1 17	8 36	2 34	8 45	0 46	T 30
F 31	23s 4	1n34	1n 4	20s23	2n23	16s11	3n36	1s38	2n15	10n21	1s17	8n36	2s33	8s44	0s46	F 31

Julian Day Number = 2698417.5, Delta T = 25m27s

Ecliptic obliquity = 23°21'14, Nutation = - 0°00'04

Ayanamsha: Fagan/Bradley = 34°11'45, Lahiri = 33°18'44

## ASTRODIENST EPHEMERIS for the year 2676

JANUARY 2676

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 41 5	9♂47'52	12♂16	18♂9	28♂48	9♂48	0♂21	28°D45	9♂25	18♂5	1°R32	10°R46	10°Y40	18♂41	1°R40	S 1
S 2	6 45 2	10°48'56	26°17	19° 5	29°23	10°13	0°22	28°Y45	9°27	18° 6	1♂31	10°Y46	10°37	18°48	1♂36	S 2
M 3	6 48 58	11°50'00	10♂34	20° 4	29°59	10°38	0°24	28°45	9°29	18° 7	1°30	10°44	10°34	18°55	1°33	M 3
T 4	6 52 55	12°51'06	25° 6	21° 8	0♂38	11° 3	0°26	28°45	9°31	18° 8	1°29	10°39	10°31	19° 1	1°29	T 4
W 5	6 56 52	13°52'12	9♂47	22°14	1°17	11°28	0°28	28°46	9°33	18°10	1°28	10°32	10°27	19° 8	1°25	W 5
T 6	7 0 48	14°53'18	24°33	23°23	1°57	11°53	0°30	28°46	9°36	18°11	1°26	10°22	10°24	19°15	1°22	T 6
F 7	7 4 45	15°54'26	9♂35	24°35	2°39	12°17	0°33	28°47	9°38	18°12	1°25	10°10	10°21	19°21	1°18	F 7
S 8	7 8 41	16°55'33	23°45	25°49	3°22	12°41	0°35	28°48	9°40	18°13	1°24	9°57	10°18	19°28	1°15	S 8
S 9	7 12 38	17°56'41	7♂56	27° 4	4° 6	13° 4	0°38	28°48	9°43	18°15	1°23	9°46	10°15	19°35	1°11	S 9
M10	7 16 34	18°57'49	21°43	28°22	4°51	13°28	0°41	28°49	9°45	18°16	1°21	9°36	10°11	19°41	1° 8	M10
T 11	7 20 31	19°58'57	5♂4	29°40	5°36	13°51	0°44	28°50	9°48	18°17	1°20	9°29	10° 8	19°48	1° 5	T 11
W12	7 24 28	21° 0'04	17°59	1♂0	6°23	14°13	0°48	28°51	9°50	18°19	1°19	9°25	10° 5	19°55	1° 1	W12
T 13	7 28 24	22° 1'12	0°Y30	2°22	7°11	14°36	0°52	28°53	9°53	18°20	1°18	9°23	10° 2	20° 1	0°58	T 13
F 14	7 32 21	23° 2'19	12°43	3°44	7°59	14°58	0°55	28°54	9°55	18°22	1°16	9°D23	9°59	20° 8	0°54	F 14
S 15	7 36 17	24° 3'27	24°42	5° 8	8°49	15°19	0°59	28°56	9°58	18°23	1°15	9°R23	9°56	20°15	0°51	S 15
S 16	7 40 14	25° 4'34	6♂33	6°32	9°39	15°41	1° 4	28°57	10° 1	18°25	1°14	9°22	9°52	20°21	0°48	S 16
M17	7 44 10	26° 5'40	18°22	7°57	10°30	16° 2	1° 8	28°59	10° 3	18°26	1°13	9°20	9°49	20°28	0°45	M17
T 18	7 48 7	27° 6'47	0♂12	9°23	11°22	16°22	1°13	29° 1	10° 6	18°28	1°11	9°15	9°46	20°35	0°42	T 18
W19	7 52 3	28° 7'53	12°10	10°49	12°14	16°43	1°17	29° 3	10° 9	18°29	1°10	9° 8	9°43	20°41	0°38	W19
T 20	7 56 0	29° 8'59	24°19	12°17	13° 8	17° 3	1°22	29° 5	10°12	18°31	1° 9	8°57	9°40	20°48	0°35	T 20
F 21	7 59 57	0♂10'05	6♂40	13°44	14° 1	17°22	1°28	29° 7	10°15	18°33	1° 7	8°46	9°37	20°55	0°32	F 21
S 22	8 3 53	1°11'10	19°15	15°13	14°56	17°41	1°33	29° 9	10°17	18°34	1° 6	8°33	9°33	21° 1	0°29	S 22
S 23	8 7 50	2°12'15	2♂5	16°42	15°51	18° 0	1°38	29°11	10°20	18°36	1° 5	8°20	9°30	21° 8	0°26	S 23
M24	8 11 46	3°13'20	15° 9	18°11	16°47	18°19	1°44	29°14	10°23	18°38	1° 4	8°10	9°27	21°15	0°24	M24
T 25	8 15 43	4°14'24	28°24	19°42	17°43	18°37	1°50	29°16	10°26	18°40	1° 2	8° 1	9°24	21°21	0°21	T 25
W26	8 19 39	5°15'28	11♂51	21°12	18°40	18°54	1°56	29°19	10°29	18°41	1° 1	7°55	9°21	21°28	0°18	W26
T 27	8 23 36	6°16'32	25°27	22°44	19°37	19°11	2° 2	29°22	10°32	18°43	1° 0	7°52	9°17	21°35	0°15	T 27
F 28	8 27 32	7°17'35	9♂11	24°15	20°35	19°28	2° 9	29°24	10°35	18°45	0°58	7°D52	9°14	21°41	0°12	F 28
S 29	8 31 29	8°18'39	23° 4	25°48	21°34	19°44	2°15	29°27	10°38	18°47	0°57	7°52	9°11	21°48	0°10	S 29
S 30	8 35 26	9°19'42	7♂4	27°21	22°33	20° 0	2°22	29°30	10°41	18°49	0°56	7°R53	9° 8	21°55	0° 7	S 30
M31	8 39 22	10°20'45	21♂11	28♂54	23♂32	20♂15	2°29	29°Y34	10°44	18°50	0♂55	7°Y52	9°Y 5	22♂2	0♂5	M31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	23s 0	4s57	0s 8	20s35	2n15	16s14	3n40	1s47	2n16	10n22	1s16	8n36	2s33	8s43	0s46	5s29
S 2	22 55	11 22	1 21	20 47	2 8	16 18	3 44	1 56	2 17	10 23	1 16	8 36	2 33	8 42	0 45	5 29
M 3	22 50	17 19	2 30	20 59	2 0	16 22	3 47	2 5	2 18	10 23	1 16	8 37	2 33	8 41	0 45	5 28
T 4	22 44	22 23	3 31	21 12	1 52	16 27	3 51	2 14	2 19	10 24	1 15	8 37	2 32	8 40	0 45	5 28
W 5	22 38	26 6	4 19	21 24	1 44	16 32	3 53	2 23	2 19	10 25	1 15	8 38	2 32	8 40	0 45	5 27
T 6	22 32	28 3	4 49	21 36	1 35	16 38	3 56	2 32	2 20	10 26	1 15	8 38	2 32	8 39	0 45	5 27
F 7	22 25	28 1	5 0	21 48	1 27	16 43	3 58	2 40	2 21	10 28	1 14	8 38	2 31	8 38	0 45	5 26
S 8	22 17	26 4	4 52	21 59	1 19	16 49	4 0	2 49	2 22	10 29	1 14	8 39	2 31	8 37	0 45	5 26
S 9	22 9	22 29	4 25	22 9	1 10	16 56	4 2	2 57	2 23	10 30	1 14	8 40	2 31	8 36	0 45	5 25
M10	22 1	17 45	3 44	22 19	1 2	17 2	4 3	3 5	2 24	10 31	1 14	8 40	2 31	8 35	0 45	5 25
T 11	21 52	12 16	2 51	22 28	0 53	17 9	4 4	3 13	2 25	10 33	1 13	8 41	2 30	8 34	0 45	5 24
W12	21 43	6 26	1 51	22 36	0 45	17 16	4 5	3 21	2 26	10 34	1 13	8 41	2 30	8 33	0 45	5 24
T 13	21 34	0 31	0 47	22 44	0 36	17 23	4 6	3 29	2 27	10 36	1 13	8 42	2 30	8 32	0 45	5 23
F 14	21 24	5n17	0n18	22 50	0 28	17 30	4 6	3 36	2 27	10 37	1 12	8 43	2 29	8 31	0 45	5 22
S 15	21 13	10 47	1 20	22 55	0 20	17 38	4 7	3 44	2 28	10 39	1 12	8 44	2 29	8 30	0 45	5 22
S 16	21 2	15 50	2 19	23 0	0 12	17 45	4 7	3 51	2 29	10 41	1 12	8 44	2 29	8 29	0 45	5 21
M17	20 51	20 18	3 11	23 3	0 4	17 52	4 7	3 58	2 30	10 43	1 11	8 45	2 29	8 28	0 45	5 21
T 18	20 40	23 57	3 55	23 5	0s 4	18 0	4 6	4 5	2 31	10 44	1 11	8 46	2 28	8 27	0 45	5 20
W19	20 28	26 37	4 30	23 6	0 11	18 7	4 6	4 12	2 32	10 46	1 11	8 47	2 28	8 26	0 45	5 19
T 20	20 15	28 6	4 52	23 6	0 19	18 15	4 5	4 19	2 33	10 48	1 11	8 48	2 28	8 25	0 45	5 19
F 21	20 3	28 12	5 2	23 5	0 26	18 22	4 4	4 25	2 34	10 50	1 10	8 49	2 28	8 24	0 45	5 18
S 22	19 49	26 52	4 57	23 2	0 33	18 29	4 3	4 32	2 35	10 53	1 10	8 50	2 27	8 23	0 45	5 17
S 23	19 36	24 7	4 37	22 58	0 40	18 36	4 2	4 38	2 36	10 55	1 10	8 51	2 27	8 22	0 45	5 17
M24	19 22	20 5	4 2	22 53	0 46	18 43	4 0	4 44	2 37	10 57	1 9	8 52	2 27	8 20	0 45	5 16
T 25	19 8	15 1	3 14	22 47	0 53	18 50	3 59	4 50	2 38	10 59	1 9	8 53	2 26	8 19	0 45	5 15
W26	18 53	9 9	2 14	22 40	0 59	18 56	3 57	4 56	2 39	11 1	1 9	8 55	2 26	8 18	0 45	5 15
T 27	18 38	2 49	1 6	22 31	1 5	19 3	3 55	5 1	2 40	11 4	1 9	8 56	2 26	8 17	0 45	5 14
F 28	18 23	3s44	0s 7	22 21	1 11	19 9	3 53	5 7	2 41	11 6	1 8	8 57	2 26	8 16	0 45	5 13
S 29	18 7	10 11	1 20	22 10	1 16	19 15	3 51	5 12	2 42	11 9	1 8	8 58	2 25	8 15	0 45	5 12
S 30	17 51	16 10	2 29	21 57	1 22	19 21	3 48	5 17	2 43	11 11	1 8	9 0	2 25	8 14	0 45	5 12
M31	17s35	21s22	3s30	21s43	1s27	19s26	3n46	5s22	2n43	11n14	1s 8	9n 1	2s25	8s12	0s45	5s11

Julian Day Number = 2698448.5, Delta T = 25m27s

Ecliptic obliquity = 23°21'14, Nutation = - 0°00'03

Ayanamsha: Fagan/Bradley = 34°11'49, Lahiri = 33°18'49



## ASTRODIENST EPHEMERIS for the year 2676

MARCH 2676

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	10 37 39	10°45'21"	0°24'	20°30'	25°34'	23°R24	7°2	1°49'	12°24'	19°54'	0°R20	6°R22	7°Y29	25°22'	29°R20	W 1
T 2	10 41 35	11°45'52"	14°20'	22°21'	26°50'	23°20'	7°13	1°54'	12°28'	19°56'	0°R19	6°Y19	7°26'	25°29'	29°R20	T 2
F 3	10 45 32	12°46'22"	28° 6'	24°10'	27°58'	23°15'	7°24	2° 0'	12°31'	19°58'	0°19	6°16'	7°23'	25°35'	29°19'	F 3
S 4	10 49 28	13°46'50"	11°41'	25°59'	29° 7'	23° 9'	7°35	2° 6'	12°34'	20° 0'	0°18	6°13'	7°20'	25°42'	29°19'	S 4
S 5	10 53 25	14°47'17"	25° 4'	27°47'	0°15'	23° 2'	7°46	2°12'	12°38'	20° 3'	0°17	6° 9'	7°17'	25°49'	29°19'	S 5
M 6	10 57 22	15°47'42"	8°12'	29°33'	1°23'	22°54'	7°58	2°18'	12°41'	20° 5'	0°16	6° 6'	7°14'	25°56'	29°D19	M 6
T 7	11 1 18	16°48'06"	21° 6'	1°Y17	2°32'	22°46'	8° 9'	2°24'	12°45'	20° 7'	0°15	6° 5'	7°10'	26° 2'	29°19'	T 7
W 8	11 5 15	17°48'28"	3°Y43	2°59'	3°40'	22°37'	8°21	2°30'	12°48'	20°10'	0°14	6°D 4	7° 7'	26° 9'	29°19'	W 8
T 9	11 9 11	18°48'48"	16° 7'	4°38'	4°49'	22°27'	8°33	2°36'	12°52'	20°12'	0°13	6° 4'	7° 4'	26°16'	29°19'	T 9
F 10	11 13 8	19°49'07"	28°17'	6°13'	5°58'	22°16'	8°44	2°42'	12°55'	20°14'	0°13	6° 5'	7° 1'	26°22'	29°20'	F 10
S 11	11 17 4	20°49'23"	10°17'	7°44'	7° 7'	22° 5'	8°56	2°48'	12°59'	20°16'	0°12	6° 7'	6°58'	26°29'	29°20'	S 11
S 12	11 21 1	21°49'38"	22°11'	9°10'	8°16'	21°53'	9° 8'	2°55'	13° 2'	20°19'	0°11	6° 8'	6°55'	26°36'	29°20'	S 12
M13	11 24 57	22°49'51"	4°11'	10°32'	9°26'	21°40'	9°20	3° 1'	13° 5'	20°21'	0°10	6° 9'	6°51'	26°42'	29°21'	M13
T 14	11 28 54	23°50'02"	15°53'	11°47'	10°35'	21°26'	9°32	3° 7'	13° 9'	20°23'	0°10	6°10'	6°48'	26°49'	29°22'	T 14
W15	11 32 51	24°50'11"	27°51'	12°56'	11°44'	21°12'	9°44	3°14'	13°12'	20°25'	0° 9'	6°R10	6°45'	26°56'	29°22'	W15
T 16	11 36 47	25°50'18"	10°11'	13°57'	12°54'	20°57'	9°57	3°20'	13°16'	20°28'	0° 8'	6°10'	6°42'	27° 2'	29°23'	T 16
F 17	11 40 44	26°50'23"	22°26'	14°52'	14° 4'	20°41'	10° 9'	3°27'	13°19'	20°30'	0° 8'	6° 9'	6°39'	27° 9'	29°24'	F 17
S 18	11 44 40	27°50'25"	5°11'	15°38'	15°13'	20°24'	10°22	3°34'	13°22'	20°32'	0° 7'	6° 8'	6°35'	27°16'	29°25'	S 18
S 19	11 48 37	28°50'26"	18°17'	16°16'	16°23'	20° 7'	10°34	3°40'	13°26'	20°35'	0° 7'	6° 7'	6°32'	27°23'	29°26'	S 19
M20	11 52 33	29°50'24"	1°47'	16°46'	17°33'	19°49'	10°47	3°47'	13°29'	20°37'	0° 6'	6° 6'	6°29'	27°29'	29°27'	M20
T 21	11 56 30	0°Y50'21"	15°40'	17° 7'	18°43'	19°31'	10°59	3°54'	13°33'	20°39'	0° 5'	6° 5'	6°26'	27°36'	29°28'	T 21
W22	12 0 26	1°50'15"	29°53'	17°19'	19°53'	19°12'	11°12	4° 0'	13°36'	20°41'	0° 5'	6°D 5	6°23'	27°43'	29°29'	W22
T 23	12 4 23	2°50'08"	14°22'	17°R22	21° 3'	18°53'	11°25	4° 7'	13°39'	20°44'	0° 4'	6° 5'	6°20'	27°49'	29°30'	T 23
F 24	12 8 19	3°49'59"	29° 1'	17°16'	22°14'	18°33'	11°38	4°14'	13°42'	20°46'	0° 4'	6° 5'	6°16'	27°56'	29°32'	F 24
S 25	12 12 16	4°49'48"	13°44'	17° 2'	23°24'	18°12'	11°50	4°21'	13°46'	20°48'	0° 4'	6° 6'	6°13'	28° 3'	29°33'	S 25
S 26	12 16 13	5°49'35"	28°23'	16°40'	24°34'	17°51'	12° 3'	4°28'	13°49'	20°50'	0° 3'	6°R 6	6°10'	28° 9'	29°35'	S 26
M27	12 20 9	6°49'21"	12°53'	16°11'	25°45'	17°30'	12°16	4°35'	13°52'	20°52'	0° 3'	6° 6'	6° 7'	28°16'	29°36'	M27
T 28	12 24 6	7°49'05"	27°11'	15°35'	26°55'	17° 8'	12°30	4°42'	13°56'	20°55'	0° 2'	6° 5'	6° 4'	28°23'	29°38'	T 28
W29	12 28 2	8°48'48"	11°13'	14°54'	28° 6'	16°46'	12°43	4°49'	13°59'	20°57'	0° 2'	6°D 5	6° 0'	28°29'	29°40'	W29
T 30	12 31 59	9°48'29"	24°59'	14° 8'	29°17'	16°23'	12°56	4°56'	14° 2'	20°59'	0° 2'	6° 6'	5°57'	28°36'	29°41'	T 30
F 31	12 35 55	10°Y48'08"	8°29'	13°Y18	0°X28	16°11'	13°8'	5°3	14°X 5	21°X 1	0°11	6°Y 6	5°Y54	28°X43	29°X43	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	7s30	28s33	5s12	4s48	1s 8	19s 3	1n54	6s 7	3n10	12n51	1s 0	9n54	2s18	7s34	0s44	4s46	0s51
T 2	7 8	27 44	5 11	3 57	1 0	18 55	1 50	6 5	3 11	12 55	1 0	9 56	2 18	7 33	0 44	4 45	0 51
F 3	6 45	25 14	4 52	3 5	0 51	18 46	1 45	6 2	3 11	12 59	1 0	9 58	2 18	7 32	0 44	4 44	0 51
S 4	6 21	21 19	4 16	2 13	0 41	18 37	1 41	6 0	3 12	13 3	1 0	10 1	2 17	7 30	0 44	4 44	0 51
S 5	5 58	16 22	3 27	1 21	0 30	18 27	1 37	5 57	3 12	13 7	1 0	10 3	2 17	7 29	0 44	4 43	0 51
M 6	5 35	10 45	2 28	0 28	0 19	18 17	1 32	5 53	3 13	13 10	1 0	10 5	2 17	7 28	0 44	4 42	0 51
T 7	5 12	4 46	1 22	0n24	0 8	18 6	1 28	5 50	3 13	13 14	0 59	10 7	2 17	7 26	0 44	4 41	0 51
W 8	4 48	1n17	0 13	1 15	0n 4	17 55	1 23	5 46	3 14	13 18	0 59	10 9	2 17	7 25	0 44	4 40	0 51
T 9	4 25	7 10	0n55	2 6	0 17	17 43	1 19	5 42	3 14	13 22	0 59	10 12	2 16	7 24	0 44	4 39	0 51
F 10	4 1	12 42	2 0	2 55	0 30	17 31	1 14	5 38	3 14	13 26	0 59	10 14	2 16	7 22	0 44	4 38	0 51
S 11	3 37	17 40	2 58	3 43	0 44	17 18	1 10	5 34	3 15	13 30	0 59	10 16	2 16	7 21	0 44	4 37	0 51
S 12	3 14	21 55	3 48	4 30	0 57	17 4	1 6	5 29	3 15	13 34	0 58	10 18	2 16	7 20	0 45	4 37	0 51
M13	2 50	25 16	4 28	5 15	1 11	16 51	1 1	5 24	3 15	13 38	0 58	10 21	2 16	7 18	0 45	4 36	0 51
T 14	2 26	27 32	4 57	5 57	1 25	16 36	0 57	5 19	3 15	13 42	0 58	10 23	2 16	7 17	0 45	4 35	0 51
W15	2 3	28 34	5 13	6 36	1 39	16 22	0 53	5 13	3 15	13 46	0 58	10 25	2 16	7 16	0 45	4 34	0 51
T 16	1 39	28 14	5 16	7 13	1 53	16 7	0 48	5 8	3 15	13 50	0 58	10 28	2 15	7 14	0 45	4 33	0 51
F 17	1 15	26 30	5 4	7 46	2 6	15 51	0 44	5 2	3 15	13 54	0 58	10 30	2 15	7 13	0 45	4 32	0 51
S 18	0 51	23 23	4 37	8 16	2 19	15 35	0 40	4 56	3 15	13 58	0 57	10 32	2 15	7 12	0 45	4 31	0 51
S 19	0 28	19 1	3 55	8 42	2 31	15 18	0 36	4 50	3 14	14 2	0 57	10 35	2 15	7 11	0 45	4 30	0 51
M20	0 4	13 35	2 59	9 4	2 43	15 1	0 31	4 44	3 14	14 6	0 57	10 37	2 15	7 9	0 45	4 29	0 51
T 21	0n20	7 20	1 51	9 22	2 54	14 44	0 27	4 37	3 14	14 10	0 57	10 39	2 15	7 8	0 45	4 29	0 51
W22	0 44	0 34	0 34	9 36	3 3	14 26	0 23	4 30	3 13	14 14	0 57	10 42	2 15	7 7	0 45	4 28	0 51
T 23	1 7	6s21	0s46	9 44	3 11	14 8	0 19	4 24	3 13	14 18	0 57	10 44	2 14	7 6	0 45	4 27	0 51
F 24	1 31	13 1	2 4	9 49	3 18	13 49	0 15	4 17	3 12	14 22	0 56	10 47	2 14	7 4	0 45	4 26	0 51
S 25	1 55	18 59	3 14	9 48	3 24	13 30	0 11	4 10	3 12	14 26	0 56	10 49	2 14	7 3	0 45	4 25	0 51
S 26	2 18	23 49	4 11	9 43	3 28	13 10	0 7	4 2	3 11	14 30	0 56	10 52	2 14	7 2	0 45	4 24	0 51
M27	2 42	27 5	4 52	9 34	3 30	12 51	0 3	3 55	3 10	14 35	0 56	10 54	2 14	7 1	0 45	4 23	0 51
T 28	3 5	28 33	5 13	9 20	3 30	12 30	0s 1	3 48	3 9	14 39	0 56	10 56	2 14	6 59	0 45	4 23	0 51
W29	3 29	28 8	5 16	9 3	3 28	12 10	0 5	3 40	3 8	14 43	0 56	10 59	2 14	6 58	0 45	4 22	0 51
T 30	3 52	25 59	5 0	8 41	3 24	11 49	0 8	3 33	3 7	14 47	0 56	11 1	2 14	6 57	0 45	4 21	0 51
F 31	4n16	22s23	4s28	8n17	3n19	11s27	0s12	3s25	3n 6	14n51	0s55	11n 4	2s13	6s56	0s45	4s20	0s51

Julian Day Number = 2698508.5, Delta T = 25m28s  
 Ecliptic obliquity = 23°21'15", Nutation = - 0°00'01"  
 Ayanamsha: Fagan/Bradley = 34°11'57", Lahiri = 33°18'57"

## ASTRODIENST EPHEMERIS for the year 2676

APRIL 2676

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 39 52	11°47'46	21°42'42	12°R25	1°K38	15°R38	13°B22	5°B10	14°K 8	21°K 3	0°R 1	6°V 6	5°V51	28°B50	29°II45	S 1
S 2	12 43 49	12°47'21	4°K40	11°V32	2°49	15°A15	13°36	5°18	14°11	21° 6	0°R 1	6° 7	5°48	28°56	29°47	S 2
M 3	12 47 45	13°46'55	17°25	10°38	4° 0	14°51	13°49	5°25	14°15	21° 8	0° 0	6° 8	5°45	29° 3	29°49	M 3
T 4	12 51 42	14°46'27	29°58	9°45	5°11	14°28	14° 3	5°32	14°18	21°10	0° 0	6°R 8	5°41	29°10	29°51	T 4
W 5	12 55 38	15°45'57	12°V19	8°54	6°22	14° 4	14°16	5°39	14°21	21°12	0° 0	6° 8	5°38	29°16	29°54	W 5
T 6	12 59 35	16°45'25	24°30	8° 5	7°33	13°41	14°30	5°47	14°24	21°14	29°B59	6° 8	5°35	29°23	29°56	T 6
F 7	13 3 31	17°44'51	6°B33	7°21	8°45	13°17	14°43	5°54	14°27	21°16	29°59	6° 6	5°32	29°30	29°58	F 7
S 8	13 7 28	18°44'15	18°29	6°40	9°56	12°54	14°57	6° 1	14°30	21°18	29°59	6° 5	5°29	29°36	0°B 1	S 8
S 9	13 11 24	19°43'37	0°II21	6° 4	11° 7	12°31	15°11	6° 9	14°33	21°20	29°59	6° 3	5°26	29°43	0° 3	S 9
M10	13 15 21	20°42'57	23°12	5°34	12°18	12° 8	15°25	6°16	14°36	21°22	29°59	6° 0	5°22	29°50	0° 6	M10
T 11	13 19 17	21°42'14	24° 4	5° 9	13°30	11°45	15°38	6°23	14°39	21°24	29°59	5°58	5°19	29°56	0° 9	T 11
W12	13 23 14	22°41'30	6°B 1	4°50	14°41	11°22	15°52	6°31	14°42	21°26	29°D59	5°57	5°16	0°II 3	0°11	W12
T 13	13 27 11	23°40'43	18° 9	4°36	15°53	11° 0	16° 6	6°38	14°45	21°28	29°59	5°D56	5°13	0°10	0°14	T 13
F 14	13 31 7	24°39'54	0°B34'11	4°28	17° 4	10°38	16°20	6°46	14°47	21°30	29°59	5°56	5°10	0°17	0°17	F 14
S 15	13 35 4	25°39'02	13°10	4°D25	18°16	10°17	16°34	6°53	14°50	21°32	29°59	5°57	5° 6	0°23	0°20	S 15
S 16	13 39 0	26°38'08	26°12	4°28	19°27	9°56	16°48	7° 1	14°53	21°34	29°59	5°58	5° 3	0°30	0°23	S 16
M17	13 42 57	27°37'12	9°II40	4°37	20°39	9°35	17° 2	7° 8	14°56	21°36	29°59	6° 0	5° 0	0°37	0°26	M17
T 18	13 46 53	28°36'14	23°55	4°50	21°50	9°15	17°16	7°16	14°59	21°38	29°59	6° 1	4°57	0°43	0°29	T 18
W19	13 50 50	29°35'13	7°A55	5° 8	23° 2	8°55	17°30	7°23	15° 1	21°40	0°R 0	6°R 1	4°54	0°50	0°32	W19
T 20	13 54 46	0°B34'11	22°38	5°32	24°14	8°36	17°44	7°31	15° 4	21°42	0° 0	6° 0	4°51	0°57	0°35	T 20
F 21	13 58 43	1°33'06	7°II37	5°59	25°25	8°18	17°58	7°38	15° 7	21°44	0° 0	5°58	4°47	1° 3	0°38	F 21
S 22	14 2 40	2°31'59	22°43	6°31	26°37	8° 0	18°12	7°46	15° 9	21°46	0° 1	5°55	4°44	1°10	0°42	S 22
S 23	14 6 36	3°30'51	7°A48	7° 7	27°49	7°43	18°26	7°53	15°12	21°48	0° 1	5°52	4°41	1°17	0°45	S 23
M24	14 10 33	4°29'41	22°41	7°47	29° 1	7°26	18°40	8° 1	15°14	21°49	0° 1	5°48	4°38	1°24	0°48	M24
T 25	14 14 29	5°28'29	7°B16	8°31	0°V13	7°10	18°55	8° 9	15°17	21°51	0° 1	5°44	4°35	1°30	0°52	T 25
W26	14 18 26	6°27'16	21°29	9°18	1°24	6°55	19° 9	8°16	15°19	21°53	0° 2	5°42	4°32	1°37	0°55	W26
T 27	14 22 22	7°26'01	5°A17	10° 9	2°36	6°41	19°23	8°24	15°22	21°55	0° 2	5°D41	4°28	1°44	0°59	T 27
F 28	14 26 19	8°24'44	18°42	11° 3	3°48	6°27	19°37	8°31	15°24	21°56	0° 3	5°42	4°25	1°50	1° 3	F 28
S 29	14 30 15	9°23'25	1°K45	12° 0	5° 0	6°14	19°52	8°39	15°26	21°58	0° 3	5°43	4°22	1°57	1° 6	S 29
S 30	14 34 12	10°B22'05	14°K29	13°V 0	6°V12	6°A 1	20°B 6	8°B46	15°K29	22°K 0	0°R 3	5°V45	4°V19	2°II 4	1°B10	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	4n39	17s44	3s42	7n50	3n11	11s 6	0s16	3s17	3n 5	14n55	0s55	11n 6	2s13	6s54	0s45	4s19	0s51
S 2	5 2 12 20	2 46	7 21	3 2	10 44	0 19	3 10	3 3	14 59	0 55	11 9	2 13	6 53	0 45	4 18	0 51	20 39
M 3	5 25 6 31	1 42	6 50	2 52	10 22	0 23	3 2	3 2	15 3	0 55	11 11	2 13	6 52	0 45	4 18	0 51	20 39
T 4	5 48 0 32	0 34	6 18	2 40	9 59	0 26	2 54	3 0	15 7	0 55	11 14	2 13	6 51	0 45	4 17	0 51	20 39
W 5	6 11 5n23	0n34	5 46	2 27	9 36	0 30	2 47	2 59	15 12	0 55	11 16	2 13	6 50	0 45	4 16	0 51	20 39
T 6	6 34 11 1	1 40	5 14	2 13	9 13	0 33	2 39	2 57	15 16	0 55	11 19	2 13	6 49	0 45	4 15	0 51	20 40
F 7	6 56 16 11	2 41	4 42	1 58	8 49	0 36	2 32	2 56	15 20	0 55	11 21	2 13	6 47	0 45	4 14	0 51	20 40
S 8	7 19 20 41	3 33	4 12	1 42	8 26	0 39	2 24	2 54	15 24	0 54	11 23	2 13	6 46	0 45	4 14	0 51	20 40
S 9	7 41 24 20	4 17	3 44	1 26	8 2	0 43	2 17	2 52	15 28	0 54	11 26	2 13	6 45	0 45	4 13	0 52	20 40
M10	8 4 26 57	4 49	3 17	1 10	7 37	0 46	2 10	2 50	15 32	0 54	11 28	2 13	6 44	0 45	4 12	0 52	20 40
T 11	8 26 28 22	5 9	2 52	0 54	7 13	0 49	2 3	2 48	15 36	0 54	11 31	2 13	6 43	0 45	4 11	0 52	20 40
W12	8 48 28 28	5 16	2 30	0 38	6 48	0 52	1 56	2 46	15 40	0 54	11 33	2 12	6 42	0 45	4 10	0 52	20 40
T 13	9 10 27 13	5 9	2 10	0 23	6 23	0 54	1 49	2 44	15 44	0 54	11 36	2 12	6 41	0 45	4 10	0 52	20 40
F 14	9 31 24 39	4 47	1 53	0 7	5 58	0 57	1 43	2 42	15 48	0 54	11 38	2 12	6 40	0 45	4 9	0 52	20 40
S 15	9 53 20 49	4 12	1 38	0s 7	5 33	1 0	1 36	2 40	15 52	0 54	11 41	2 12	6 39	0 45	4 8	0 52	20 40
S 16	10 14 15 54	3 22	1 26	0 22	5 7	1 3	1 30	2 38	15 56	0 53	11 43	2 12	6 38	0 45	4 7	0 52	20 40
M17	10 35 10 5	2 20	1 17	0 36	4 42	1 5	1 24	2 35	16 0	0 53	11 46	2 12	6 37	0 45	4 7	0 52	20 40
T 18	10 56 3 35	1 8	1 10	0 49	4 16	1 8	1 19	2 33	16 5	0 53	11 48	2 12	6 36	0 45	4 6	0 52	20 40
W19	11 17 3s18	0s10	1 6	1 1	3 50	1 10	1 13	2 31	16 9	0 53	11 51	2 12	6 35	0 45	4 5	0 52	20 40
T 20	11 38 10 10	1 30	1 4	1 13	3 24	1 12	1 8	2 28	16 13	0 53	11 53	2 12	6 33	0 45	4 4	0 52	20 40
F 21	11 58 16 36	2 45	1 5	1 25	2 57	1 15	1 3	2 26	16 17	0 53	11 56	2 12	6 33	0 45	4 4	0 52	20 40
S 22	12 19 22 4	3 49	1 7	1 35	2 31	1 17	0 58	2 23	16 21	0 53	11 58	2 12	6 32	0 45	4 3	0 52	20 40
S 23	12 39 26 5	4 37	1 13	1 45	2 5	1 19	0 54	2 21	16 25	0 53	12 1	2 12	6 31	0 45	4 2	0 52	20 40
M24	12 58 28 14	5 5	1 20	1 54	1 38	1 21	0 49	2 18	16 28	0 53	12 3	2 12	6 30	0 45	4 2	0 52	20 40
T 25	13 18 28 22	5 13	1 29	2 3	1 11	1 23	0 45	2 16	16 32	0 53	12 5	2 12	6 29	0 45	4 1	0 52	20 40
W26	13 37 26 36	5 1	1 41	2 10	0 44	1 25	0 42	2 13	16 36	0 52	12 8	2 12	6 28	0 45	4 0	0 52	20 40
T 27	13 57 23 17	4 32	1 54	2 18	0 18	1 27	0 38	2 11	16 40	0 52	12 10	2 12	6 27	0 45	4 0	0 52	20 40
F 28	14 15 18 48	3 49	2 9	2 24	0n 9	1 28	0 35	2 8	16 44	0 52	12 13	2 12	6 26	0 45	3 59	0 52	20 40
S 29	14 34 13 33	2 55	2 25	2 30	0 36	1 30	0 33	2 5	16 48	0 52	12 15	2 12	6 25	0 45	3 58	0 52	20 40
S 30	14n53	7s50	1s54	2n44	2s35	1n 3	1s31	0s30	2n 3	16n52	0s52	12n18	2s12	6s24	0s45	3s58	0s52

Julian Day Number = 2698539.5, Delta T = 25m28s

Ecliptic obliquity = 23°21'15, Nutation = - 0°00'02

Ayanamsha: Fagan/Bradley = 34°12'01, Lahiri = 33°19'01

# ASTRODIENST EPHEMERIS for the year 2676

MAY 2676

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 38 9	11°20'43	26°57	14°2	7°24	5°R50	20°20	8°54	15°31	22°1	0°4	5°46	4°16	2°10	1°14	M 1
T 2	14 42 5	12°19'20	9°13	15° 7	8°36	5°39	20°35	9° 2	15°33	22° 3	0° 4	5°R46	4°12	2°17	1°18	T 2
W 3	14 46 2	13°17'54	21°20	16°15	9°49	5°29	20°49	9° 9	15°36	22° 5	0° 5	5°45	4° 9	2°24	1°22	W 3
T 4	14 49 58	14°16'27	3°21	17°26	11° 1	5°20	21° 3	9°17	15°38	22° 6	0° 5	5°42	4° 6	2°31	1°26	T 4
F 5	14 53 55	15°14'59	15°16	18°38	12°13	5°11	21°17	9°24	15°40	22° 8	0° 6	5°37	4° 3	2°37	1°30	F 5
S 6	14 57 51	16°13'28	27° 8	19°53	13°25	5° 4	21°32	9°32	15°42	22° 9	0° 6	5°30	4° 0	2°44	1°34	S 6
S 7	15 1 48	17°11'55	8°59	21°11	14°37	4°57	21°46	9°39	15°44	22°11	0° 7	5°22	3°57	2°51	1°38	S 7
M 8	15 5 44	18°10'21	20°50	22°30	15°49	4°51	22° 1	9°47	15°46	22°12	0° 8	5°14	3°53	2°57	1°42	M 8
T 9	15 9 41	19° 8'45	2°34	23°52	17° 1	4°46	22°15	9°54	15°48	22°14	0° 8	5° 7	3°50	3° 4	1°46	T 9
W10	15 13 38	20° 7'07	14°43	25°15	18°14	4°41	22°29	10° 2	15°50	22°15	0° 9	5° 0	3°47	3°11	1°50	W10
T 11	15 17 34	21° 5'26	26°51	26°41	19°26	4°38	22°44	10° 9	15°52	22°17	0°10	4°55	3°44	3°17	1°55	T 11
F 12	15 21 31	22° 3'44	9°10	28° 9	20°38	4°35	22°58	10°17	15°54	22°18	0°10	4°52	3°41	3°24	1°59	F 12
S 13	15 25 27	23° 2'00	21°46	29°38	21°50	4°33	23°12	10°24	15°56	22°19	0°11	4°D51	3°38	3°31	2° 3	S 13
S 14	15 29 24	24° 0'13	4°42	1°10	23° 3	4°31	23°27	10°32	15°57	22°21	0°12	4°52	3°34	3°38	2° 8	S 14
M15	15 33 20	24°58'25	18° 3	2°44	24°15	4°D31	23°41	10°39	15°59	22°22	0°12	4°53	3°31	3°44	2°12	M15
T 16	15 37 17	25°56'34	1°50	4°19	25°27	4°31	23°55	10°47	16° 1	22°23	0°13	4°R54	3°28	3°51	2°16	T 16
W17	15 41 13	26°54'42	16° 5	5°57	26°40	4°32	24°10	10°54	16° 2	22°24	0°14	4°53	3°25	3°58	2°21	W17
T 18	15 45 10	27°52'48	0°47	7°36	27°52	4°34	24°24	11° 2	16° 4	22°26	0°15	4°51	3°22	4° 4	2°25	T 18
F 19	15 49 7	28°50'52	15°50	9°18	29° 4	4°36	24°39	11° 9	16° 6	22°27	0°16	4°46	3°18	4°11	2°30	F 19
S 20	15 53 3	29°48'55	1°5	11° 1	0°17	4°39	24°53	11°16	16° 7	22°28	0°17	4°39	3°15	4°18	2°35	S 20
S 21	15 57 0	0°46'56	16°24	12°46	1°29	4°43	25° 7	11°24	16° 9	22°29	0°18	4°31	3°12	4°25	2°39	S 21
M22	16 0 56	1°44'55	1°34	14°33	2°42	4°48	25°21	11°31	16°10	22°30	0°18	4°23	3° 9	4°31	2°44	M22
T 23	16 4 53	2°42'53	16°25	16°23	3°54	4°53	25°36	11°38	16°11	22°31	0°19	4°15	3° 6	4°38	2°49	T 23
W24	16 8 49	3°40'50	0°51	18°14	5° 6	4°59	25°50	11°45	16°13	22°32	0°20	4° 9	3° 3	4°45	2°53	W24
T 25	16 12 46	4°38'45	14°48	20° 7	6°19	5° 6	26° 4	11°53	16°14	22°33	0°21	4° 5	2°59	4°51	2°58	T 25
F 26	16 16 43	5°36'40	28°17	22° 2	7°31	5°13	26°19	12° 0	16°15	22°34	0°22	4° 4	2°56	4°58	3° 3	F 26
S 27	16 20 39	6°34'33	11°19	23°59	8°44	5°21	26°33	12° 7	16°16	22°35	0°23	4°D 3	2°53	5° 5	3° 8	S 27
S 28	16 24 36	7°32'24	23°59	25°58	9°56	5°29	26°47	12°14	16°18	22°36	0°24	4° 4	2°50	5°11	3°13	S 28
M29	16 28 32	8°30'15	6°20	27°59	11° 9	5°38	27° 1	12°21	16°19	22°37	0°25	4°R 4	2°47	5°18	3°18	M29
T 30	16 32 29	9°28'04	18°28	0°11	12°22	5°48	27°15	12°28	16°20	22°38	0°26	4° 3	2°44	5°25	3°22	T 30
W31	16 36 25	10°25'53	0°27	2°11	13°34	5°59	27°30	12°35	16°21	22°39	0°28	4°Y 0	2°40	5°32	3°27	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	15n11	1s57	0s48	3n 4	2s40	1n30	1s33	0s28	2n 0	16n56	0s52	12n20	2s12	6s23	0s45	M 1
T 2	15 29	3n56	0n19	3 25	2 44	1 57	1 34	0 26	1 58	17 0	0 52	12 22	2 12	6 22	0 45	T 2
W 3	15 46	9 35	1 24	3 48	2 47	2 24	1 36	0 25	1 55	17 4	0 52	12 25	2 12	6 22	0 46	W 3
T 4	16 4	14 51	2 24	4 12	2 49	2 51	1 37	0 23	1 52	17 7	0 52	12 27	2 12	6 21	0 46	T 4
F 5	16 21	19 30	3 18	4 38	2 52	3 18	1 38	0 22	1 50	17 11	0 52	12 29	2 12	6 20	0 46	F 5
S 6	16 38	23 23	4 2	5 5	2 53	3 45	1 39	0 22	1 47	17 15	0 52	12 32	2 12	6 19	0 46	S 6
S 7	16 55	26 16	4 36	5 33	2 54	4 12	1 40	0 21	1 45	17 19	0 52	12 34	2 12	6 18	0 46	S 7
M 8	17 11	28 0	4 59	6 2	2 54	4 39	1 41	0 21	1 42	17 22	0 52	12 37	2 12	6 18	0 46	M 8
T 9	17 17	28 27	5 8	6 32	2 54	5 6	1 42	0 22	1 40	17 26	0 51	12 39	2 12	6 17	0 46	T 9
W10	17 43	27 35	5 4	7 3	2 53	5 33	1 42	0 22	1 37	17 30	0 51	12 41	2 12	6 16	0 46	W10
T 11	17 58	25 23	4 46	7 35	2 51	5 59	1 43	0 23	1 35	17 34	0 51	12 43	2 12	6 16	0 46	T 11
F 12	18 13	22 0	4 15	8 8	2 49	6 26	1 43	0 24	1 32	17 37	0 51	12 46	2 12	6 15	0 46	F 12
S 13	18 28	17 32	3 31	8 42	2 47	6 52	1 44	0 26	1 30	17 41	0 51	12 48	2 12	6 14	0 46	S 13
S 14	18 42	12 10	2 35	9 17	2 44	7 19	1 44	0 27	1 27	17 45	0 51	12 50	2 12	6 14	0 46	S 14
M15	18 57	6 5	1 29	9 52	2 40	7 45	1 45	0 29	1 25	17 48	0 51	12 53	2 12	6 13	0 46	M15
T 16	19 10	0s28	0 16	10 28	2 36	8 11	1 45	0 32	1 22	17 52	0 51	12 55	2 12	6 12	0 46	T 16
W17	19 24	7 14	1s 0	11 5	2 31	8 37	1 45	0 34	1 20	17 55	0 51	12 57	2 12	6 12	0 46	W17
T 18	19 37	13 48	2 14	11 42	2 26	9 3	1 45	0 37	1 18	17 59	0 51	12 59	2 12	6 11	0 46	T 18
F 19	19 50	19 44	3 21	12 19	2 20	9 28	1 45	0 40	1 15	18 2	0 51	13 2	2 12	6 11	0 46	F 19
S 20	20 2	24 27	4 15	12 57	2 14	9 53	1 45	0 44	1 13	18 6	0 51	13 4	2 12	6 10	0 46	S 20
S 21	20 14	27 28	4 50	13 36	2 7	10 19	1 45	0 47	1 11	18 9	0 51	13 6	2 12	6 9	0 46	S 21
M22	20 26	28 25	5 5	14 14	2 0	10 44	1 44	0 51	1 8	18 13	0 51	13 8	2 12	6 9	0 46	M22
T 23	20 38	27 17	4 58	14 53	1 52	11 8	1 44	0 55	1 6	18 16	0 51	13 10	2 12	6 8	0 46	T 23
W24	20 49	24 20	4 33	15 31	1 44	11 33	1 44	1 0	1 4	18 20	0 51	13 12	2 12	6 8	0 46	W24
T 25	20 59	20 2	3 52	16 10	1 36	11 57	1 43	1 4	1 2	18 23	0 51	13 14	2 12	6 7	0 46	T 25
F 26	21 10	14 50	2 59	16 48	1 27	12 21	1 43	1 9	1 0	18 26	0 51	13 17	2 12	6 7	0 46	F 26
S 27	21 20	9 7	1 58	17 27	1 18	12 45	1 42	1 14	0 57	18 30	0 51	13 19	2 13	6 7	0 46	S 27
S 28	21 29	3 12	0 54	18 4	1 8	13 8	1 41	1 20	0 55	18 33	0 50	13 21	2 13	6 6	0 46	S 28
M29	21 39	2n42	0n12	18 41	0 58	13 31	1 41	1 25	0 53	18 36	0 50	13 23	2 13	6 6	0 46	M29
T 30	21 47	8 23	1 16	19 18	0 48	13 54	1 40	1 31	0 51	18 40	0 50	13 25	2 13	6 5	0 47	T 30
W31	21n56	13n42	2n16	19n53	0s38	14n17	1s39	1s37	0n49	18n43	0s50	13n27	2s13	6s 5	0s47	W31

Julian Day Number = 2698569.5, Delta T = 25m29s  
 Ecliptic obliquity = 23°21'15, Nutation = - 0°00'02  
 Ayanamsha: Fagan/Bradley = 34°12'06, Lahiri = 33°19'05

## ASTRODIENST EPHEMERIS for the year 2676

JUNE 2676

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 40 22	11 <sup>11</sup> 23'40	12 <sup>8</sup> 20	4 <sup>11</sup> 11	14 <sup>8</sup> 47	6 <sup>12</sup> 9	27 <sup>8</sup> 44	12 <sup>8</sup> 42	16 <sup>11</sup> 22	22 <sup>11</sup> 39	0 <sup>12</sup> 29	3 <sup>10</sup> R54	2 <sup>10</sup> Y37	5 <sup>11</sup> 38	3 <sup>10</sup> 32	T 1
F 2	16 44 18	12 <sup>2</sup> 21'26	24 <sup>1</sup> 11	6 <sup>10</sup> 18	15 <sup>5</sup> 59	6 <sup>2</sup> 21	27 <sup>5</sup> 58	12 <sup>2</sup> 49	16 <sup>2</sup> 23	22 <sup>2</sup> 40	0 <sup>1</sup> 30	3 <sup>10</sup> Y46	2 <sup>2</sup> 34	5 <sup>4</sup> 45	3 <sup>10</sup> 37	F 2
S 3	16 48 15	13 <sup>1</sup> 19'11	6 <sup>11</sup> 1	8 <sup>10</sup> 27	17 <sup>1</sup> 12	6 <sup>3</sup> 33	28 <sup>1</sup> 12	12 <sup>2</sup> 56	16 <sup>2</sup> 23	22 <sup>2</sup> 41	0 <sup>3</sup> 31	3 <sup>10</sup> 35	2 <sup>3</sup> 31	5 <sup>5</sup> 52	3 <sup>4</sup> 42	S 3
S 4	16 52 12	14 <sup>1</sup> 16'54	17 <sup>5</sup> 53	10 <sup>3</sup> 37	18 <sup>2</sup> 24	6 <sup>4</sup> 46	28 <sup>2</sup> 26	13 <sup>3</sup> 3	16 <sup>2</sup> 24	22 <sup>2</sup> 42	0 <sup>3</sup> 32	3 <sup>10</sup> 22	2 <sup>2</sup> 28	5 <sup>5</sup> 58	3 <sup>4</sup> 47	S 4
M 5	16 56 8	15 <sup>1</sup> 14'37	29 <sup>4</sup> 48	12 <sup>2</sup> 47	19 <sup>3</sup> 37	6 <sup>5</sup> 59	28 <sup>2</sup> 40	13 <sup>3</sup> 10	16 <sup>2</sup> 25	22 <sup>2</sup> 42	0 <sup>3</sup> 33	3 <sup>10</sup> 9	2 <sup>2</sup> 24	6 <sup>6</sup> 5	3 <sup>5</sup> 52	M 5
T 6	17 0 5	16 <sup>1</sup> 12'18	11 <sup>10</sup> 47	14 <sup>5</sup> 59	20 <sup>5</sup> 50	7 <sup>1</sup> 13	28 <sup>2</sup> 54	13 <sup>3</sup> 17	16 <sup>2</sup> 26	22 <sup>2</sup> 43	0 <sup>3</sup> 34	2 <sup>2</sup> 57	2 <sup>2</sup> 21	6 <sup>6</sup> 12	3 <sup>5</sup> 58	T 6
W 7	17 4 1	17 <sup>10</sup> 9'58	23 <sup>5</sup> 52	17 <sup>10</sup> 10	22 <sup>2</sup> 2	7 <sup>2</sup> 27	29 <sup>2</sup> 8	13 <sup>3</sup> 23	16 <sup>2</sup> 26	22 <sup>2</sup> 43	0 <sup>3</sup> 36	2 <sup>2</sup> 46	2 <sup>2</sup> 18	6 <sup>6</sup> 19	4 <sup>6</sup> 3	W 7
T 8	17 7 58	18 <sup>10</sup> 7'36	6 <sup>10</sup> 5	19 <sup>2</sup> 23	23 <sup>1</sup> 15	7 <sup>4</sup> 42	29 <sup>2</sup> 22	13 <sup>3</sup> 30	16 <sup>2</sup> 27	22 <sup>2</sup> 44	0 <sup>3</sup> 37	2 <sup>2</sup> 37	2 <sup>2</sup> 15	6 <sup>6</sup> 25	4 <sup>6</sup> 8	T 8
F 9	17 11 54	19 <sup>10</sup> 5'13	18 <sup>10</sup> 29	21 <sup>3</sup> 35	24 <sup>2</sup> 28	7 <sup>5</sup> 57	29 <sup>2</sup> 36	13 <sup>3</sup> 37	16 <sup>2</sup> 28	22 <sup>2</sup> 44	0 <sup>3</sup> 38	2 <sup>2</sup> 31	2 <sup>2</sup> 12	6 <sup>6</sup> 32	4 <sup>6</sup> 13	F 9
S 10	17 15 51	20 <sup>10</sup> 2'49	1 <sup>11</sup> 6	23 <sup>4</sup> 46	25 <sup>2</sup> 40	8 <sup>1</sup> 13	29 <sup>2</sup> 50	13 <sup>3</sup> 43	16 <sup>2</sup> 28	22 <sup>2</sup> 45	0 <sup>3</sup> 39	2 <sup>2</sup> 28	2 <sup>2</sup> 9	6 <sup>6</sup> 39	4 <sup>6</sup> 18	S 10
S 11	17 19 47	21 <sup>10</sup> 0'23	14 <sup>10</sup> 0	25 <sup>5</sup> 57	26 <sup>5</sup> 53	8 <sup>2</sup> 30	0 <sup>11</sup> 4	13 <sup>3</sup> 50	16 <sup>2</sup> 29	22 <sup>2</sup> 45	0 <sup>4</sup> 41	2 <sup>2</sup> 26	2 <sup>2</sup> 5	6 <sup>6</sup> 45	4 <sup>6</sup> 23	S 11
M 12	17 23 44	21 <sup>10</sup> 57'56	27 <sup>10</sup> 15	28 <sup>6</sup> 8	28 <sup>6</sup> 6	8 <sup>4</sup> 47	0 <sup>1</sup> 17	13 <sup>3</sup> 56	16 <sup>2</sup> 29	22 <sup>2</sup> 46	0 <sup>4</sup> 42	2 <sup>2</sup> 26	2 <sup>2</sup> 2	6 <sup>6</sup> 52	4 <sup>6</sup> 28	M 12
T 13	17 27 41	22 <sup>10</sup> 55'27	10 <sup>11</sup> 45	0 <sup>12</sup> 17	29 <sup>10</sup> 19	9 <sup>5</sup> 4	0 <sup>1</sup> 31	14 <sup>3</sup> 3	16 <sup>2</sup> 29	22 <sup>2</sup> 46	0 <sup>4</sup> 43	2 <sup>2</sup> 26	1 <sup>5</sup> 59	6 <sup>6</sup> 59	4 <sup>6</sup> 34	T 13
W 14	17 31 37	23 <sup>10</sup> 52'57	24 <sup>10</sup> 58	2 <sup>24</sup> 24	0 <sup>11</sup> 31	9 <sup>2</sup> 22	0 <sup>2</sup> 45	14 <sup>3</sup> 9	16 <sup>2</sup> 30	22 <sup>2</sup> 47	0 <sup>4</sup> 44	2 <sup>2</sup> 25	1 <sup>5</sup> 56	7 <sup>6</sup> 6	4 <sup>6</sup> 39	W 14
T 15	17 35 34	24 <sup>10</sup> 50'26	9 <sup>11</sup> 28	4 <sup>3</sup> 30	1 <sup>44</sup> 4	9 <sup>4</sup> 40	0 <sup>2</sup> 59	14 <sup>3</sup> 16	16 <sup>2</sup> 30	22 <sup>2</sup> 47	0 <sup>4</sup> 46	2 <sup>2</sup> 21	1 <sup>5</sup> 53	7 <sup>6</sup> 12	4 <sup>6</sup> 44	T 15
F 16	17 39 30	25 <sup>10</sup> 47'54	24 <sup>10</sup> 21	6 <sup>3</sup> 35	2 <sup>5</sup> 57	9 <sup>5</sup> 59	1 <sup>12</sup> 12	14 <sup>3</sup> 22	16 <sup>2</sup> 30	22 <sup>2</sup> 47	0 <sup>4</sup> 47	2 <sup>2</sup> 15	1 <sup>5</sup> 50	7 <sup>6</sup> 19	4 <sup>6</sup> 49	F 16
S 17	17 43 27	26 <sup>10</sup> 45'21	9 <sup>11</sup> 30	8 <sup>3</sup> 37	4 <sup>6</sup> 9	10 <sup>1</sup> 18	1 <sup>26</sup> 26	14 <sup>3</sup> 28	16 <sup>2</sup> 30	22 <sup>2</sup> 48	0 <sup>4</sup> 48	2 <sup>2</sup> 7	1 <sup>5</sup> 46	7 <sup>6</sup> 26	4 <sup>6</sup> 54	S 17
S 18	17 47 23	27 <sup>10</sup> 42'47	24 <sup>10</sup> 45	10 <sup>3</sup> 38	5 <sup>22</sup> 10	10 <sup>3</sup> 37	1 <sup>40</sup> 40	14 <sup>3</sup> 35	16 <sup>2</sup> 31	22 <sup>2</sup> 48	0 <sup>5</sup> 50	1 <sup>5</sup> 56	1 <sup>4</sup> 43	7 <sup>6</sup> 32	5 <sup>6</sup> 0	S 18
M 19	17 51 20	28 <sup>10</sup> 40'12	9 <sup>11</sup> 35	12 <sup>3</sup> 36	6 <sup>35</sup> 10	10 <sup>3</sup> 57	1 <sup>53</sup> 53	14 <sup>3</sup> 41	16 <sup>2</sup> 31	22 <sup>2</sup> 48	0 <sup>5</sup> 51	1 <sup>5</sup> 45	1 <sup>4</sup> 40	7 <sup>6</sup> 39	5 <sup>6</sup> 5	M 19
T 20	17 55 16	29 <sup>10</sup> 37'36	24 <sup>10</sup> 53	14 <sup>3</sup> 32	7 <sup>48</sup> 11	11 <sup>1</sup> 18	2 <sup>7</sup> 7	14 <sup>3</sup> 47	16 <sup>2</sup> R31	22 <sup>2</sup> 48	0 <sup>5</sup> 53	1 <sup>5</sup> 35	1 <sup>3</sup> 37	7 <sup>6</sup> 46	5 <sup>6</sup> 10	T 20
W 21	17 59 13	0 <sup>11</sup> 34'59	9 <sup>11</sup> 26	16 <sup>2</sup> 26	9 <sup>1</sup> 1	11 <sup>1</sup> 38	2 <sup>20</sup> 20	14 <sup>3</sup> 53	16 <sup>2</sup> 31	22 <sup>2</sup> 48	0 <sup>5</sup> 54	1 <sup>5</sup> 27	1 <sup>3</sup> 34	7 <sup>6</sup> 53	5 <sup>6</sup> 15	W 21
T 22	18 3 10	1 <sup>12</sup> 32'22	23 <sup>10</sup> 31	18 <sup>17</sup> 17	10 <sup>14</sup> 12	12 <sup>0</sup> 0	2 <sup>33</sup> 33	14 <sup>3</sup> 59	16 <sup>2</sup> 31	22 <sup>2</sup> 48	0 <sup>5</sup> 55	1 <sup>5</sup> 21	1 <sup>3</sup> 30	7 <sup>6</sup> 59	5 <sup>6</sup> 21	T 22
F 23	18 7 6	2 <sup>12</sup> 29'44	7 <sup>11</sup> 6	20 <sup>6</sup> 6	11 <sup>26</sup> 12	12 <sup>2</sup> 21	2 <sup>47</sup> 47	15 <sup>5</sup> 5	16 <sup>2</sup> 31	22 <sup>2</sup> 48	0 <sup>5</sup> 57	1 <sup>5</sup> 18	1 <sup>2</sup> 27	8 <sup>6</sup> 6	5 <sup>6</sup> 26	F 23
S 24	18 11 3	3 <sup>12</sup> 27'06	20 <sup>12</sup> 12	21 <sup>5</sup> 52	12 <sup>39</sup> 12	12 <sup>43</sup> 3	3 <sup>0</sup> 0	15 <sup>11</sup> 11	16 <sup>2</sup> 30	22 <sup>2</sup> 49	0 <sup>5</sup> 58	1 <sup>5</sup> 16	1 <sup>2</sup> 24	8 <sup>6</sup> 13	5 <sup>6</sup> 31	S 24
S 25	18 14 59	4 <sup>12</sup> 24'27	2 <sup>11</sup> 54	23 <sup>36</sup> 13	13 <sup>52</sup> 13	13 <sup>5</sup> 5	3 <sup>13</sup> 13	15 <sup>17</sup> 17	16 <sup>2</sup> 30	22 <sup>2</sup> R49	1 <sup>0</sup> 0	1 <sup>5</sup> 16	1 <sup>2</sup> 21	8 <sup>6</sup> 19	5 <sup>6</sup> 37	S 25
M 26	18 18 56	5 <sup>12</sup> 21'48	15 <sup>15</sup> 15	25 <sup>18</sup> 15	15 <sup>5</sup> 5	13 <sup>28</sup> 13	3 <sup>26</sup> 26	15 <sup>23</sup> 23	16 <sup>2</sup> 30	22 <sup>2</sup> 49	1 <sup>1</sup> 1	1 <sup>5</sup> 16	1 <sup>1</sup> 18	8 <sup>6</sup> 26	5 <sup>6</sup> 42	M 26
T 27	18 22 52	6 <sup>12</sup> 19'09	27 <sup>12</sup> 22	26 <sup>57</sup> 16	16 <sup>18</sup> 13	13 <sup>51</sup> 13	3 <sup>40</sup> 40	15 <sup>28</sup> 28	16 <sup>2</sup> 30	22 <sup>2</sup> 48	1 <sup>3</sup> 3	1 <sup>5</sup> 15	1 <sup>1</sup> 15	8 <sup>6</sup> 33	5 <sup>6</sup> 47	T 27
W 28	18 26 49	7 <sup>12</sup> 16'29	9 <sup>11</sup> 8	28 <sup>33</sup> 17	17 <sup>31</sup> 14	14 <sup>14</sup> 14	3 <sup>53</sup> 53	15 <sup>34</sup> 34	16 <sup>2</sup> 29	22 <sup>2</sup> 48	1 <sup>4</sup> 4	1 <sup>5</sup> 11	1 <sup>1</sup> 11	8 <sup>6</sup> 39	5 <sup>6</sup> 52	W 28
T 29	18 30 45	8 <sup>12</sup> 13'49	21 <sup>10</sup> 10	0 <sup>10</sup> 8	18 <sup>44</sup> 7	14 <sup>38</sup> 4	4 <sup>6</sup> 6	15 <sup>40</sup> 40	16 <sup>2</sup> 29	22 <sup>2</sup> 48	1 <sup>6</sup> 6	1 <sup>5</sup> 6	1 <sup>1</sup> 8	8 <sup>6</sup> 46	5 <sup>6</sup> 58	T 29
F 30	18 34 42	9 <sup>12</sup> 11'09	2 <sup>11</sup> 59	1 <sup>10</sup> 39	19 <sup>11</sup> 57	15 <sup>12</sup> 2	4 <sup>11</sup> 19	15 <sup>45</sup> 45	16 <sup>2</sup> 28	22 <sup>2</sup> 48	1 <sup>10</sup> 7	0 <sup>11</sup> 57	1 <sup>10</sup> 5	8 <sup>6</sup> 53	6 <sup>6</sup> 3	F 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂	♂	♂	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 4	18n29	3n 9	20n27	0s28	14n39	1s38	1s43	0n47	18n46	0s50	13n29	2s13	6s 5	0s47	3s43	0s53	20n36	0n38	1n33	1n 2	25n41
F 2	22 12	22 31	3 53	21 0	0 17	15 1	1 37	1 49	0 45	18 49	0 50	13 31	2 13	6 4	0 47	3 43	0 53	20 36	0 38	1 29	1 1	25 43
S 3	22 19	25 37	4 27	21 32	0 6	15 22	1 36	1 56	0 43	18 52	0 50	13 33	2 13	6 4	0 47	3 43	0 53	20 36	0 38	1 25	1 0	25 44
S 4	22 26	27 37	4 50	22 2	0n 4	15 44	1 35	2 3	0 41	18 55	0 50	13 35	2 13	6 4	0 47	3 42	0 53	20 35	0 38	1 20	0 59	25 46
M 5	22 32	28 22	5 0	22 30	0 15	16 4	1 34	2 10	0 39	18 58	0 50	13 37	2 13	6 4	0 47	3 42	0 53	20 35	0 39	1 15	0 57	25 47
T 6	22 39	27 46	4 57	22 55	0 25	16 25	1 32	2 17	0 37	19 2	0 50	13 39	2 13	6 3	0 47	3 42	0 53	20 35	0 39	1 10	0 56	25 49
W 7	22 44	25 52	4 41	23 19	0 35	16 45	1 31	2 24	0 36	19 5	0 50	13 41	2 14	6 3	0 47	3 42	0 53	20 35	0 39	1 6	0 55	25 50
T 8	22 50	22 45	4 12	23 41	0 45	17 4	1 30	2 32	0 34	19 8	0 50	13 43	2 14	6 3	0 47	3 42	0 53	20 35	0 39	1 2	0 53	25 52
F 9	22 54	18 34	3 30	24 0	0 54	17 24	1 28	2 39	0 32	19 11	0 50	13 44	2 14	6 3	0 47	3 41	0 53	20 34	0 39	1 0	0 52	25 54
S 10	22 59	13 30	2 38	24 16	1 3	17 42	1 27	2 47	0 30	19 14	0 50	13 46	2 14	6 3	0 47	3 41	0 54	20 34	0 39	0 58	0 51	25 55
S 11	23 3	7 45	1 36	24 29	1 12	18 1	1 25	2 55	0 28	19 16	0 50	13 48	2 14	6 2	0 47	3 41	0 54	20 34	0 39	0 58	0 50	25 57
M12	23 7	1 31	0 27	24 40	1 20	18 19	1 23	3 4	0 27	19 19	0 50	13 50	2 14	6 2	0 47	3 41	0 54	20 34	0 39	0 58	0 48	25 58
T 13	23 10	4s59	0s45	24 48	1 27	18 36	1 22	3 12	0 25	19 22	0 50	13 52	2 14	6 2	0 47	3 41	0 54	20 34	0 39	0 58	0 47	26 0
W14	23 13	11 26	1 56	24 54	1 34	18 53	1 20	3 21	0 23	19 25	0 50	13 53	2 14	6 2	0 47	3 41	0 54	20 33	0 39	0 57	0 46	26 1
T 15	23 15	17 28	3 2	24 56	1 40	19 9	1 18	3 29	0 22	19 28	0 50	13 55	2 14	6 2	0 47	3 41	0 54	20 33	0 39	0 56	0 45	26 3
F 16	23 17	22 38	3 58	24 57	1 45	19 25	1 16	3 38	0 20	19 31	0 50	13 57	2 15	6 2	0 47	3 41	0 54	20 33	0 39	0 54	0 43	26 4
S 17	23 19	26 22	4 37	24 54	1 50	19 41	1 15	3 47	0 18	19 33	0 50	13 59	2 15	6 2	0 47	3 40	0 54	20 33	0 39	0 50	0 42	26 6
S 18	23 20	28 13	4 58	24 49	1 54	19 56	1 13	3 56	0 17	19 36	0 50	14 0	2 15	6 2	0 47	3 40	0 54	20 32	0 39	0 46	0 41	26 7
M19	23 21	27 55	4 57	24 42	1 57	20 10	1 11	4 5	0 15	19 39	0 50	14 2	2 15	6 2	0 47	3 40	0 54	20 32	0 39	0 42	0 40	26 9
T 20	23 21	25 36	4 36	24 32	1 59	20 24	1 9	4 15	0 13	19 42	0 50	14 4	2 15	6 2	0 47	3 40	0 54	20 32	0 39	0 38	0 38	26 10
W21	23 21	21 38	3 57	24 20	2 0	20 37	1 7	4 24	0 12	19 44	0 50	14 5	2 15	6 2	0 47	3 40	0 54	20 32	0 39	0 34	0 37	26 12
T 22	23 21	16 33	3 5	24 6	2 1	20 50	1 5	4 34	0 10	19 47	0 50	14 7	2 15	6 2	0 47	3 40	0 54	20 31	0 39	0 32	0 36	26 13
F 23	23 20	10 48	2 4	23 51	2 1	21 3	1 2	4 44	0 9	19 49	0 50	14 9	2 15	6 2	0 47	3 40	0 54	20 31	0 39	0 31	0 35	26 15
S 24	23 19	4 46	0 58	23 34	2 0	21 14	1 0	4 53	0 7	19 52	0 50	14 10	2 16	6 2	0 47	3 40	0 54	20 31	0 40	0 30	0 33	26 16
S 25	23 17	1n17	0n 9	23 15	1 59	21 25	0 58	5 3	0 6	19 54	0 50	14 12	2 16	6 2	0 48	3 40	0 54	20 31	0 40	0 30	0 32	26 17
M26	23 15	7 7	1 13	22 54	1 56	21 36	0 56	5 14	0 5	19 57	0 50	14 13	2 16	6 2	0 48	3 40	0 54	20 30	0 40	0 30	0 31	26 19
T 27	23 12	12 34	2 13	22 33	1 53	21 46	0 54	5 24	0 3	19 59	0 50	14 15	2 16	6 3	0 48	3 41	0 54	20 30	0 40	0 30	0 30	26 20
W28	23 9	17 29	3 6	22 10	1 50	21 55	0 51	5 34	0 2	20 2	0 50	14 16	2 16	6 3	0 48	3 41	0 54	20 30	0 40	0 28	0 28	26 22
T 29	23 6	21 42	3 51	21 46	1 45	22 4	0 49	5 44	0 0	20 4	0 50	14 18	2 16	6 3	0 48	3 41	0 54	20 30	0 40	0 26	0 27	26 23
F 30	23n 2	25n 1	4n26	21n21	1n40	22n12	0s47	5s55	0s 1	20n 7	0s50	14n19	2s17	6s 3	0s48	3s41	0s54	20n29	0n40	0n23	0n26	26n25

## ASTRODIENST EPHEMERIS for the year 2676

JULY 2676

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 38 39	10° 8' 28"	14° 11' 51"	3° 8' 8"	21° 11' 10"	15° 26' 26"	4° 11' 32"	15° 51' 51"	16° 28' 28"	22° 48' 48"	1° 9' 9"	0° 46' 46"	1° 2' 2"	9° 11' 0"	6° 58' 8"	S 1
S 2	18 42 35	11° 5' 47"	26° 46' 46"	4° 34' 44"	22° 23' 23"	15° 51' 51"	4° 44' 44"	15° 56' 56"	16° 27' 27"	22° 48' 48"	1° 10' 10"	0° 33' 33"	0° 59' 59"	9° 6' 6"	6° 14' 14"	S 2
M 3	18 46 32	12° 3' 05"	8° 57' 47"	5° 58' 58"	23° 36' 36"	16° 16' 16"	4° 57' 57"	16° 1' 1"	16° 27' 27"	22° 47' 47"	1° 12' 12"	0° 20' 20"	0° 56' 56"	9° 13' 13"	6° 19' 19"	M 3
T 4	18 50 28	13° 0' 23"	20° 55' 55"	7° 19' 19"	24° 49' 49"	16° 41' 41"	5° 10' 10"	16° 7' 7"	16° 26' 26"	22° 47' 47"	1° 13' 13"	0° 7' 7"	0° 52' 52"	9° 20' 20"	6° 24' 24"	T 4
W 5	18 54 25	13° 57' 41"	3° 11' 11"	8° 37' 37"	26° 2' 2"	17° 7' 7"	5° 23' 23"	16° 12' 12"	16° 25' 25"	22° 47' 47"	1° 15' 15"	29° 55' 55"	0° 49' 49"	9° 26' 26"	6° 29' 29"	W 5
T 6	18 58 21	14° 54' 58"	15° 36' 36"	9° 53' 53"	27° 15' 15"	17° 33' 33"	5° 35' 35"	16° 17' 17"	16° 25' 25"	22° 46' 46"	1° 16' 16"	29° 46' 46"	0° 46' 46"	9° 33' 33"	6° 35' 35"	T 6
F 7	19 2 18	15° 52' 15"	28° 11' 11"	11° 5' 5"	28° 28' 28"	17° 59' 59"	5° 48' 48"	16° 22' 22"	16° 24' 24"	22° 46' 46"	1° 18' 18"	29° 40' 40"	0° 43' 43"	9° 40' 40"	6° 40' 40"	F 7
S 8	19 6 15	16° 49' 31"	10° 11' 58"	12° 15' 15"	29° 42' 42"	18° 26' 26"	6° 0' 0"	16° 27' 27"	16° 23' 23"	22° 46' 46"	1° 19' 19"	29° 36' 36"	0° 40' 40"	9° 47' 47"	6° 45' 45"	S 8
S 9	19 10 11	17° 46' 47"	23° 59' 59"	13° 22' 22"	0° 55' 55"	18° 53' 53"	6° 13' 13"	16° 32' 32"	16° 22' 22"	22° 45' 45"	1° 21' 21"	29° D35	0° 36' 36"	9° 53' 53"	6° 51' 51"	S 9
M10	19 14 8	18° 44' 02"	7° 11' 11"	14° 26' 26"	2° 8' 8"	19° 20' 20"	6° 25' 25"	16° 37' 37"	16° 21' 21"	22° 45' 45"	1° 22' 22"	29° 35' 35"	0° 33' 33"	10° 0' 0"	6° 56' 56"	M10
T 11	19 18 4	19° 41' 16"	20° 51' 51"	15° 27' 27"	3° 21' 21"	19° 47' 47"	6° 37' 37"	16° 42' 42"	16° 20' 20"	22° 44' 44"	1° 24' 24"	29° R35	0° 30' 30"	10° 7' 7"	7° 1' 1"	T 11
W12	19 22 1	20° 38' 31"	4° 11' 48"	16° 25' 25"	4° 34' 34"	20° 15' 15"	6° 49' 49"	16° 46' 46"	16° 19' 19"	22° 44' 44"	1° 25' 25"	29° 34' 34"	0° 27' 27"	10° 13' 13"	7° 6' 6"	W12
T 13	19 25 57	21° 35' 45"	19° 5' 5"	17° 20' 20"	5° 47' 47"	20° 43' 43"	7° 2' 2"	16° 51' 51"	16° 18' 18"	22° 43' 43"	1° 27' 27"	29° 32' 32"	0° 24' 24"	10° 20' 20"	7° 11' 11"	T 13
F 14	19 29 54	22° 32' 58"	3° 11' 11"	18° 11' 11"	7° 1' 1"	21° 11' 11"	7° 14' 14"	16° 55' 55"	16° 17' 17"	22° 43' 43"	1° 29' 29"	29° 27' 27"	0° 21' 21"	10° 27' 27"	7° 17' 17"	F 14
S 15	19 33 50	23° 30' 11"	18° 31' 31"	18° 58' 58"	8° 14' 14"	21° 40' 40"	7° 25' 25"	17° 0' 0"	16° 16' 16"	22° 42' 42"	1° 30' 30"	29° 19' 19"	0° 17' 17"	10° 34' 34"	7° 22' 22"	S 15
S 16	19 37 47	24° 27' 24"	3° 29' 29"	19° 42' 42"	9° 27' 27"	22° 8' 8"	7° 37' 37"	17° 4' 4"	16° 15' 15"	22° 41' 41"	1° 32' 32"	29° 11' 11"	0° 14' 14"	10° 40' 40"	7° 27' 27"	S 16
M17	19 41 44	25° 24' 37"	18° 26' 26"	20° 22' 22"	10° 40' 40"	22° 37' 37"	7° 49' 49"	17° 9' 9"	16° 14' 14"	22° 41' 41"	1° 33' 33"	29° 1' 1"	0° 11' 11"	10° 47' 47"	7° 32' 32"	M17
T 18	19 45 40	26° 21' 50"	3° 12' 12"	20° 59' 59"	11° 54' 54"	23° 7' 7"	8° 1' 1"	17° 13' 13"	16° 13' 13"	22° 40' 40"	1° 35' 35"	28° 52' 52"	0° 8' 8"	10° 54' 54"	7° 37' 37"	T 18
W19	19 49 37	27° 19' 03"	17° 39' 39"	21° 31' 31"	13° 7' 7"	23° 36' 36"	8° 12' 12"	17° 17' 17"	16° 11' 11"	22° 39' 39"	1° 37' 37"	28° 45' 45"	0° 5' 5"	11° 1' 1"	7° 42' 42"	W19
T 20	19 53 33	28° 16' 16"	1° 42' 42"	21° 59' 59"	14° 20' 20"	24° 6' 6"	8° 24' 24"	17° 21' 21"	16° 10' 10"	22° 38' 38"	1° 38' 38"	28° 40' 40"	0° 2' 2"	11° 7' 7"	7° 47' 47"	T 20
F 21	19 57 30	29° 13' 29"	15° 19' 19"	22° 23' 23"	15° 34' 34"	24° 36' 36"	8° 35' 35"	17° 25' 25"	16° 9' 9"	22° 38' 38"	1° 40' 40"	28° 37' 37"	29° 58' 58"	11° 14' 14"	7° 52' 52"	F 21
S 22	20 1 26	0° 10' 43"	28° 28' 28"	22° 43' 43"	16° 47' 47"	25° 6' 6"	8° 47' 47"	17° 29' 29"	16° 7' 7"	22° 37' 37"	1° 41' 41"	28° D36	29° 55' 55"	11° 21' 21"	7° 58' 58"	S 22
S 23	20 5 23	1° 7' 57"	11° 13' 13"	22° 58' 58"	18° 0' 0"	25° 36' 36"	8° 58' 58"	17° 33' 33"	16° 6' 6"	22° 36' 36"	1° 43' 43"	28° 37' 37"	29° 52' 52"	11° 27' 27"	8° 3' 3"	S 23
M24	20 9 19	2° 5' 11"	23° 37' 37"	23° 8' 8"	19° 14' 14"	26° 7' 7"	9° 9' 9"	17° 36' 36"	16° 4' 4"	22° 35' 35"	1° 44' 44"	28° 38' 38"	29° 49' 49"	11° 34' 34"	8° 8' 8"	M24
T 25	20 13 16	3° 2' 26"	5° 46' 46"	23° 13' 13"	20° 27' 27"	26° 37' 37"	9° 20' 20"	17° 40' 40"	16° 3' 3"	22° 34' 34"	1° 46' 46"	28° R38	29° 46' 46"	11° 41' 41"	8° 13' 13"	T 25
W26	20 17 13	3° 59' 42"	17° 44' 44"	23° R14	21° 41' 41"	27° 8' 8"	9° 31' 31"	17° 44' 44"	16° 1' 1"	22° 33' 33"	1° 48' 48"	28° 37' 37"	29° 42' 42"	11° 48' 48"	8° 18' 18"	W26
T 27	20 21 9	4° 56' 58"	29° 37' 37"	23° 10' 10"	22° 54' 54"	27° 40' 40"	9° 42' 42"	17° 47' 47"	16° 0' 0"	22° 32' 32"	1° 49' 49"	28° 34' 34"	29° 39' 39"	11° 54' 54"	8° 22' 22"	T 27
F 28	20 25 6	5° 54' 15"	11° 12' 28"	23° 1' 1"	24° 8' 8"	28° 11' 11"	9° 53' 53"	17° 50' 50"	15° 58' 58"	22° 31' 31"	1° 51' 51"	28° 29' 29"	29° 36' 36"	12° 1' 1"	8° 27' 27"	F 28
S 29	20 29 2	6° 51' 32"	23° 22' 22"	22° 48' 48"	25° 21' 21"	28° 43' 43"	10° 4' 4"	17° 54' 54"	15° 56' 56"	22° 30' 30"	1° 52' 52"	28° 21' 21"	29° 33' 33"	12° 8' 8"	8° 32' 32"	S 29
S 30	20 32 59	7° 48' 50"	5° 22' 22"	22° 29' 29"	26° 35' 35"	29° 15' 15"	10° 14' 14"	17° 57' 57"	15° 55' 55"	22° 29' 29"	1° 54' 54"	28° 13' 13"	29° 30' 30"	12° 14' 14"	8° 37' 37"	S 30
M31	20 36 55	8° 46' 09"	17° 30' 30"	22° 11' 11"	27° 49' 49"	29° 47' 47"	10° 11' 11"	18° 5' 5"	15° 53' 53"	22° 28' 28"	1° 56' 56"	28° 4' 4"	29° 27' 27"	12° 11' 11"	8° 42' 42"	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
-----	---	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--

## ASTRODIENST EPHEMERIS for the year 2676

AUGUST 2676

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 40 52	9♏43'28	29♌49	21°R39	29♌2	0♏19	10♏35	18♏3	15°R51	22°R27	1♏57	27°R55	29♏23	12♏28	8♌47	T 1
W 2	20 44 48	10°40'47	12♏19	21°R8	0♏16	0°51	10°46	18°6	15°R49	22°R26	1°59	27°R47	29°20	12°35	8°52	W 2
T 3	20 48 45	11°38'08	25°0	20°34	1°29	1°24	10°56	18°9	15°48	22°25	2°0	27°41	29°17	12°41	8°56	T 3
F 4	20 52 42	12°35'28	7♏53	19°56	2°43	1°57	11°6	18°11	15°46	22°24	2°2	27°37	29°14	12°48	9°1	F 4
S 5	20 56 38	13°32'49	20°58	19°16	3°57	2°30	11°16	18°14	15°44	22°23	2°4	27°36	29°11	12°55	9°6	S 5
S 6	21 0 35	14°30'10	4♏15	18°34	5°11	3°3	11°26	18°17	15°42	22°21	2°5	27°D36	29°8	13°1	9°10	S 6
M 7	21 4 31	15°27'32	17°45	17°50	6°24	3°36	11°36	18°19	15°40	22°20	2°7	27°37	29°4	13°8	9°15	M 7
T 8	21 8 28	16°24'54	1♏28	17°7	7°38	4°10	11°45	18°21	15°38	22°19	2°8	27°38	29°1	13°15	9°20	T 8
W 9	21 12 24	17°22'17	15°24	16°23	8°52	4°44	11°55	18°24	15°36	22°18	2°10	27°R39	28°58	13°22	9°24	W 9
T 10	21 16 21	18°19'40	29°34	15°41	10°6	5°18	12°4	18°26	15°34	22°16	2°11	27°38	28°55	13°28	9°29	T 10
F 11	21 20 17	19°17'04	13♏55	15°0	11°19	5°52	12°13	18°28	15°32	22°15	2°13	27°36	28°52	13°35	9°33	F 11
S 12	21 24 14	20°14'28	28°24	14°22	12°33	6°26	12°22	18°30	15°30	22°14	2°14	27°32	28°48	13°42	9°37	S 12
S 13	21 28 11	21°11'53	12♌58	13°48	13°47	7°1	12°32	18°32	15°28	22°12	2°16	27°28	28°45	13°48	9°42	S 13
M14	21 32 7	22°9'19	27°29	13°17	15°1	7°35	12°40	18°33	15°26	22°11	2°17	27°22	28°42	13°55	9°46	M14
T 15	21 36 4	23°6'45	11♏52	12°52	16°15	8°10	12°49	18°35	15°24	22°10	2°19	27°17	28°39	14°2	9°51	T 15
W16	21 40 0	24°4'12	26°1	12°31	17°29	8°45	12°58	18°36	15°21	22°8	2°20	27°13	28°36	14°9	9°55	W16
T 17	21 43 57	25°1'40	9♏51	12°17	18°43	9°20	13°6	18°38	15°19	22°7	2°22	27°11	28°33	14°15	9°59	T 17
F 18	21 47 53	25°59'09	23°19	12°8	19°57	9°55	13°15	18°39	15°17	22°5	2°23	27°D10	28°29	14°22	10°3	F 18
S 19	21 51 50	26°56'39	6♏25	12°D6	21°11	10°31	13°23	18°40	15°15	22°4	2°25	27°10	28°26	14°29	10°7	S 19
S 20	21 55 46	27°54'10	19°10	12°11	22°25	11°6	13°31	18°42	15°13	22°3	2°26	27°11	28°23	14°35	10°11	S 20
M21	21 59 43	28°51'42	1♏36	12°22	23°39	11°42	13°39	18°43	15°10	22°1	2°28	27°13	28°20	14°42	10°15	M21
T 22	22 3 40	29°49'16	13°47	12°41	24°53	12°18	13°47	18°44	15°8	22°0	2°29	27°14	28°17	14°49	10°19	T 22
W23	22 7 36	0♏46'51	25°47	13°6	26°7	12°54	13°55	18°44	15°6	21°58	2°31	27°R15	28°13	14°56	10°23	W23
T 24	22 11 33	1°44'28	7♏41	13°39	27°21	13°30	14°2	18°45	15°3	21°57	2°32	27°15	28°10	15°2	10°27	T 24
F 25	22 15 29	2°42'06	19°34	14°19	28°35	14°6	14°10	18°46	15°1	21°55	2°34	27°14	28°7	15°9	10°31	F 25
S 26	22 19 26	3°39'46	1♌30	15°5	29°49	14°43	14°17	18°46	14°59	21°54	2°35	27°12	28°4	15°16	10°35	S 26
S 27	22 23 22	4°37'27	13°34	15°58	1♏3	15°19	14°24	18°47	14°57	21°52	2°36	27°9	28°1	15°23	10°39	S 27
M28	22 27 19	5°35'09	25°48	16°58	2°17	15°56	14°31	18°47	14°54	21°50	2°38	27°6	27°58	15°29	10°43	M28
T 29	22 31 15	6°32'53	8♏16	18°4	3°31	16°33	14°38	18°47	14°52	21°49	2°39	27°2	27°54	15°36	10°46	T 29
W30	22 35 12	7°30'39	20°58	19°17	4°46	17°10	14°44	18°R47	14°49	21°47	2°41	26°59	27°51	15°43	10°50	W30
T 31	22 39 9	8♏28'25	3♏57	20♏35	6♏0	17♏47	14♏51	18♏47	14♏47	21♏46	2♏42	26♏57	27♏48	15♏49	10♏53	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	17n45	24n21	4n20	9n57	4s32	20n47	0n31	12s7	0s36	21n7	0s51	14n51	2s23	6s19	0s49	3s54
W 2	17 30	20 33	3 39	9 58	4 40	20 34	0 33	12 19	0 37	21 8	0 51	14 52	2 23	6 19	0 49	3 51
T 3	17 14	15 45	2 47	10 2	4 48	20 20	0 36	12 31	0 38	21 10	0 51	14 53	2 23	6 20	0 49	3 51
F 4	16 58	10 12	1 44	10 8	4 54	20 6	0 38	12 43	0 39	21 11	0 51	14 53	2 24	6 21	0 49	3 51
S 5	16 42	4 7	0 36	10 16	4 58	19 51	0 40	12 55	0 40	21 12	0 51	14 54	2 24	6 21	0 49	3 52
S 6	16 25	2s14	0s36	10 26	5 1	19 35	0 42	13 8	0 41	21 14	0 51	14 54	2 24	6 22	0 49	3 52
M 7	16 9	8 35	1 47	10 38	5 2	19 19	0 44	13 20	0 42	21 15	0 51	14 55	2 24	6 23	0 49	3 53
T 8	15 52	14 39	2 53	10 52	5 1	19 2	0 46	13 32	0 42	21 16	0 51	14 55	2 25	6 24	0 49	3 53
W 9	15 34	20 4	3 50	11 7	4 59	18 45	0 48	13 44	0 43	21 17	0 51	14 55	2 25	6 25	0 49	3 54
T 10	15 17	24 27	4 34	11 23	4 54	18 27	0 50	13 56	0 44	21 18	0 51	14 56	2 25	6 25	0 49	3 55
F 11	14 59	27 23	5 2	11 41	4 48	18 9	0 52	14 8	0 45	21 20	0 51	14 56	2 25	6 26	0 49	3 55
S 12	14 41	28 31	5 10	11 59	4 41	17 50	0 54	14 20	0 46	21 21	0 52	14 56	2 25	6 27	0 49	3 56
S 13	14 23	27 41	4 59	12 18	4 31	17 31	0 56	14 32	0 46	21 22	0 52	14 57	2 26	6 28	0 49	3 56
M14	14 5	24 59	4 29	12 36	4 20	17 11	0 57	14 44	0 47	21 23	0 52	14 57	2 26	6 29	0 49	3 57
T 15	13 46	20 43	3 42	12 55	4 8	16 51	0 59	14 56	0 48	21 24	0 52	14 57	2 26	6 30	0 49	3 57
W16	13 27	15 20	2 42	13 14	3 55	16 30	1 1	15 8	0 49	21 25	0 52	14 57	2 26	6 30	0 49	3 58
T 17	13 8	9 17	1 33	13 31	3 41	16 9	1 2	15 20	0 49	21 26	0 52	14 57	2 27	6 31	0 49	3 58
F 18	12 49	2 58	0 21	13 48	3 25	15 48	1 4	15 32	0 50	21 27	0 52	14 58	2 27	6 32	0 49	3 59
S 19	12 29	3n19	0n50	14 4	3 9	15 26	1 6	15 44	0 51	21 28	0 52	14 58	2 27	6 33	0 49	4 0
S 20	12 10	9 18	1 58	14 19	2 53	15 3	1 7	15 55	0 52	21 29	0 52	14 58	2 27	6 34	0 49	4 0
M21	11 50	14 46	2 57	14 32	2 36	14 40	1 8	16 7	0 52	21 30	0 52	14 58	2 28	6 35	0 49	4 1
T 22	11 30	19 33	3 48	14 43	2 19	14 17	1 10	16 19	0 53	21 31	0 52	14 58	2 28	6 36	0 49	4 1
W23	11 9	23 28	4 28	14 53	2 2	13 53	1 11	16 30	0 54	21 31	0 52	14 58	2 28	6 36	0 49	4 2
T 24	10 49	26 23	4 56	15 0	1 45	13 29	1 12	16 42	0 54	21 32	0 52	14 58	2 28	6 37	0 49	4 3
F 25	10 28	28 7	5 11	15 5	1 27	13 5	1 14	16 53	0 55	21 33	0 52	14 58	2 29	6 38	0 49	4 3
S 26	10 8	28 34	5 13	15 8	1 11	12 40	1 15	17 5	0 56	21 34	0 52	14 58	2 29	6 39	0 49	4 4
S 27	9 47	27 40	5 1	15 8	0 54	12 15	1 16	17 16	0 56	21 35	0 53	14 57	2 29	6 40	0 49	4 4
M28	9 26	25 25	4 36	15 5	0 38	11 49	1 17	17 27	0 57	21 35	0 53	14 57	2 29	6 41	0 49	4 5
T 29	9 5	21 57	3 57	15 0	0 23	11 23	1 18	17 39	0 58	21 36	0 53	14 57	2 30	6 42	0 49	4 6
W30	8 43	17 23	3 5	14 52	0 8	10 57	1 19	17 50	0 58	21 37	0 53	14 57	2 30	6 43	0 49	4 6
T 31	8n22	11n57	2n3	14n40	0n6	10n31	1n20	18s1	0s59	21n37	0s53	14n57	2s30	6s44	0s49	4s7

Julian Day Number = 2698661.5, Delta T = 25m30s

Ecliptic obliquity = 23°21'14, Nutation = 0°00'02

Ayanamsha: Fagan/Bradley = 34°12'18, Lahiri = 33°19'18

# ASTRODIENST EPHEMERIS for the year 2676

SEPTEMBER 2676

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 43 5	9♍26'13	17♍11	21♍58	7♍14	18♍24	14♍57	18°R47	14°R45	21°R44	2♍43	26°R56	27♍45	15♍56	10♍57	F 1
S 2	22 47 2	10°24'02	0♍40	23°27	8°28	19° 2	15° 4	18♍47	14♍42	21♍43	2°45	26°D56	27°42	16° 3	11° 0	S 2
S 3	22 50 58	11°21'53	14°21	25° 0	9°43	19°39	15°10	18°46	14°40	21°41	2°46	26♍57	27°39	16°10	11° 4	S 3
M 4	22 54 55	12°19'45	28°13	26°38	10°57	20°17	15°15	18°46	14°38	21°39	2°47	26°58	27°35	16°16	11° 7	M 4
T 5	22 58 51	13°17'38	12♍15	28°20	12°11	20°55	15°21	18°45	14°35	21°38	2°48	26°59	27°32	16°23	11°10	T 5
W 6	23 2 48	14°15'32	26°22	0♍5	13°26	21°33	15°27	18°45	14°33	21°36	2°50	27° 0	27°29	16°30	11°13	W 6
T 7	23 6 44	15°13'28	10♍34	1°53	14°40	22°11	15°32	18°44	14°30	21°34	2°51	27°R 0	27°26	16°36	11°17	T 7
F 8	23 10 41	16°11'24	24°48	3°43	15°54	22°49	15°37	18°43	14°28	21°33	2°52	27° 0	27°23	16°43	11°20	F 8
S 9	23 14 38	17° 9'22	9♍2	5°35	17° 9	23°28	15°42	18°42	14°26	21°31	2°53	26°59	27°19	16°50	11°23	S 9
S 10	23 18 34	18° 7'22	23°12	7°29	18°23	24° 6	15°47	18°41	14°23	21°29	2°55	26°59	27°16	16°57	11°26	S 10
M11	23 22 31	19° 5'22	7♍16	9°25	19°37	24°45	15°52	18°40	14°21	21°28	2°56	26°58	27°13	17° 3	11°29	M11
T 12	23 26 27	20° 3'24	21°11	11°21	20°52	25°23	15°56	18°39	14°18	21°26	2°57	26°57	27°10	17°10	11°31	T 12
W13	23 30 24	21° 1'27	4♍52	13°18	22° 6	26° 2	16° 1	18°37	14°16	21°25	2°58	26°56	27° 7	17°17	11°34	W13
T 14	23 34 20	21°59'32	18°22	15°14	23°21	26°41	16° 5	18°36	14°14	21°23	2°59	26°56	27° 4	17°23	11°37	T 14
F 15	23 38 17	22°57'38	1°Y34	17°11	24°35	27°20	16° 9	18°34	14°11	21°21	3° 0	26°D56	27° 0	17°30	11°40	F 15
S 16	23 42 13	23°55'46	14°29	19° 8	25°49	27°59	16°13	18°33	14° 9	21°20	3° 1	26°56	26°57	17°37	11°42	S 16
S 17	23 46 10	24°53'56	27° 7	21° 4	27° 4	28°39	16°16	18°31	14° 7	21°18	3° 2	26°56	26°54	17°44	11°45	S 17
M18	23 50 7	25°52'08	9♍30	23° 0	28°18	29°18	16°20	18°29	14° 4	21°16	3° 4	26°56	26°51	17°50	11°47	M18
T 19	23 54 3	26°50'22	21°40	24°55	29°33	29°58	16°23	18°27	14° 2	21°15	3° 5	26°R56	26°48	17°57	11°50	T 19
W20	23 58 0	27°48'37	3♍41	26°49	0♍47	0♍37	16°26	18°25	14° 0	21°13	3° 6	26°56	26°45	18° 4	11°52	W20
T 21	0 1 56	28°46'55	15°35	28°43	2° 2	1°17	16°29	18°23	13°57	21°11	3° 7	26°56	26°41	18°11	11°54	T 21
F 22	0 5 53	29°45'15	27°28	0♍35	3°16	1°57	16°31	18°21	13°55	21°10	3° 8	26°D56	26°38	18°17	11°56	F 22
S 23	0 9 49	0♍43'36	9♍24	2°27	4°31	2°37	16°34	18°18	13°53	21° 8	3° 9	26°56	26°35	18°24	11°58	S 23
S 24	0 13 46	1°42'00	21°28	4°17	5°46	3°17	16°36	18°16	13°51	21° 7	3°10	26°56	26°32	18°31	12° 1	S 24
M25	0 17 42	2°40'26	3♍44	6° 7	7° 0	3°57	16°38	18°13	13°48	21° 5	3°10	26°57	26°29	18°37	12° 2	M25
T 26	0 21 39	3°38'54	16°15	7°55	8°15	4°38	16°40	18°11	13°46	21° 3	3°11	26°58	26°25	18°44	12° 4	T 26
W27	0 25 36	4°37'24	29° 5	9°43	9°29	5°18	16°42	18° 8	13°44	21° 2	3°12	26°58	26°22	18°51	12° 6	W27
T 28	0 29 32	5°35'56	12♍16	11°29	10°44	5°59	16°43	18° 5	13°42	21° 0	3°13	26°59	26°19	18°58	12° 8	T 28
F 29	0 33 29	6°34'30	25°49	13°14	11°58	6°39	16°45	18° 2	13°40	20°59	3°14	26°R59	26°16	19° 4	12°10	F 29
S 30	0 37 25	7♍33'05	9♍40	14♍59	13♍13	7♍20	16♍46	17♍59	13♍38	20♍57	3♍15	26♍59	26♍13	19♍11	12♍11	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
F 1	8n 0	5n52	0n54	14n26	0n19	10n 4	1n20	18s12	0s59	21n38	0s53	14n56	2s30	6s45	0s49	F 1
S 2	7 38	0s35	0s21	14 9	0 32	9 37	1 21	18 23	1 0	21 39	0 53	14 56	2 30	6 46	0 49	S 2
S 3	7 17	7 6	1 35	13 49	0 43	9 10	1 22	18 33	1 1	21 39	0 53	14 56	2 31	6 47	0 49	S 3
M 4	6 55	13 22	2 44	13 26	0 54	8 42	1 22	18 44	1 1	21 40	0 53	14 55	2 31	6 47	0 49	M 4
T 5	6 33	19 1	3 45	13 0	1 3	8 15	1 23	18 55	1 2	21 40	0 53	14 55	2 31	6 48	0 49	T 5
W 6	6 10	23 41	4 32	12 32	1 12	7 47	1 23	19 5	1 2	21 41	0 53	14 55	2 31	6 49	0 49	W 6
T 7	5 48	26 57	5 3	12 0	1 20	7 18	1 24	19 16	1 3	21 41	0 53	14 54	2 32	6 50	0 49	T 7
F 8	5 26	28 31	5 16	11 27	1 26	6 50	1 24	19 26	1 3	21 42	0 53	14 54	2 32	6 51	0 49	F 8
S 9	5 3	28 11	5 9	10 51	1 32	6 21	1 24	19 36	1 4	21 42	0 54	14 53	2 32	6 52	0 49	S 9
S 10	4 41	26 2	4 44	10 13	1 37	5 53	1 25	19 46	1 4	21 43	0 54	14 53	2 32	6 53	0 49	S 10
M11	4 18	22 17	4 1	9 34	1 40	5 24	1 25	19 56	1 5	21 43	0 54	14 52	2 33	6 54	0 49	M11
T 12	3 55	17 19	3 5	8 53	1 43	4 55	1 25	20 6	1 5	21 43	0 54	14 52	2 33	6 55	0 49	T 12
W13	3 33	11 32	1 59	8 10	1 45	4 25	1 25	20 16	1 6	21 44	0 54	14 51	2 33	6 56	0 49	W13
T 14	3 10	5 19	0 47	7 26	1 47	3 56	1 25	20 25	1 6	21 44	0 54	14 51	2 33	6 57	0 49	T 14
F 15	2 47	1n 1	0n26	6 41	1 47	3 27	1 25	20 35	1 7	21 44	0 54	14 50	2 33	6 57	0 49	F 15
S 16	2 24	7 10	1 36	5 55	1 47	2 57	1 25	20 44	1 7	21 45	0 54	14 49	2 34	6 58	0 49	S 16
S 17	2 1	12 53	2 40	5 9	1 46	2 27	1 24	20 53	1 8	21 45	0 54	14 49	2 34	6 59	0 49	S 17
M18	1 38	18 0	3 35	4 22	1 44	1 57	1 24	21 2	1 8	21 45	0 54	14 48	2 34	7 0	0 49	M18
T 19	1 15	22 17	4 19	3 34	1 42	1 28	1 24	21 11	1 9	21 46	0 54	14 47	2 34	7 1	0 49	T 19
W20	0 52	25 35	4 51	2 47	1 39	0 58	1 23	21 20	1 9	21 46	0 54	14 46	2 34	7 2	0 49	W20
T 21	0 29	27 43	5 11	1 59	1 36	0 28	1 23	21 29	1 10	21 46	0 55	14 46	2 35	7 3	0 49	T 21
F 22	0 6	28 36	5 17	1 11	1 32	0s 2	1 22	21 37	1 10	21 46	0 55	14 45	2 35	7 4	0 49	F 22
S 23	0s17	28 10	5 9	0 23	1 28	0 32	1 22	21 46	1 10	21 46	0 55	14 44	2 35	7 5	0 49	S 23
S 24	0 40	26 24	4 48	0s25	1 24	1 2	1 21	21 54	1 11	21 46	0 55	14 43	2 35	7 5	0 49	S 24
M25	1 4	23 22	4 14	1 13	1 19	1 32	1 20	22 2	1 11	21 47	0 55	14 42	2 35	7 6	0 49	M25
T 26	1 27	19 12	3 27	2 0	1 14	2 2	1 19	22 10	1 12	21 47	0 55	14 41	2 36	7 7	0 49	T 26
W27	1 50	14 4	2 28	2 47	1 8	2 33	1 19	22 17	1 12	21 47	0 55	14 40	2 36	7 8	0 49	W27
T 28	2 13	8 10	1 21	3 44	1 3	3 3	1 18	22 25	1 12	21 47	0 55	14 40	2 36	7 9	0 49	T 28
F 29	2 36	1 46	0 7	4 20	0 57	3 32	1 17	22 32	1 13	21 47	0 55	14 39	2 36	7 9	0 49	F 29
S 30	2s59	4s53	1s10	5s 6	0n50	4s 2	1n16	22s39	1s13	21n47	0s55	14n38	2s36	7s10	0s49	S 30

Julian Day Number = 2698692.5, Delta T = 25m30s  
 Ecliptic obliquity = 23°21'15, Nutation = 0°00'01  
 Ayanamsha: Fagan/Bradley = 34°12'23, Lahiri = 33°19'22

## ASTRODIENST EPHEMERIS for the year 2676

OCTOBER 2676

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 41 22	8♌31'43	23♏49	16♏42	14♏28	8♌1	16♏47	17°R56	13°R35	20°R55	3♌16	26°R58	26♌10	19♏18	12♏13	S 1
M 2	0 45 18	9°30'23	8♌9	18°24	15°42	8°42	16°47	17°53	13°33	20°54	3°16	26°57	26°6	19°24	12°14	M 2
T 3	0 49 15	10°29'04	7♌9	20°5	16°57	9°23	16°48	17°50	13°31	20°52	3°17	26°55	26°3	19°31	12°16	T 3
W 4	0 53 11	11°27'47	7♌7	21°45	18°12	10°4	16°48	17°47	13°29	20°51	3°18	26°53	26°0	19°38	12°17	W 4
T 5	0 57 8	12°26'32	21°33	23°25	19°26	10°45	16°R48	17°43	13°27	20°49	3°19	26°52	25°57	19°45	12°18	T 5
F 6	1 1 5	13°25'19	5♌51	25°3	20°41	11°27	16°48	17°40	13°25	20°48	3°19	26°51	25°54	19°51	12°19	F 6
S 7	1 5 1	14°24'07	19°59	26°40	21°56	12°8	16°48	17°36	13°23	20°46	3°20	26°D51	25°51	19°58	12°20	S 7
S 8	1 8 58	15°22'57	3♌54	28°17	23°10	12°50	16°47	17°33	13°21	20°45	3°21	26°52	25°47	20°5	12°21	S 8
M 9	1 12 54	16°21'48	17°37	29°52	24°25	13°32	16°47	17°29	13°20	20°43	3°21	26°53	25°44	20°12	12°22	M 9
T 10	1 16 51	17°20'41	1♌7	1♌27	25°40	14°13	16°46	17°25	13°18	20°42	3°22	26°55	25°41	20°18	12°23	T 10
W 11	1 20 47	18°19'36	14°23	3°1	26°54	14°55	16°45	17°21	13°16	20°41	3°22	26°56	25°38	20°25	12°24	W 11
T 12	1 24 44	19°18'32	27°27	4°34	28°9	15°37	16°43	17°17	13°14	20°39	3°23	26°R56	25°35	20°32	12°25	T 12
F 13	1 28 40	20°17'31	10°Y18	6°6	29°24	16°19	16°42	17°13	13°12	20°38	3°23	26°56	25°31	20°38	12°25	F 13
S 14	1 32 37	21°16'31	22°57	7°37	0♌38	17°1	16°40	17°9	13°11	20°36	3°24	26°54	25°28	20°45	12°26	S 14
S 15	1 36 33	22°15'34	5♌23	9°8	1°53	17°44	16°38	17°5	13°9	20°35	3°24	26°51	25°25	20°52	12°26	S 15
M 16	1 40 30	23°14'38	17°39	10°37	3°8	18°26	16°36	17°1	13°7	20°34	3°25	26°46	25°22	20°59	12°27	M 16
T 17	1 44 27	24°13'45	29°45	12°6	4°22	19°8	16°34	16°57	13°6	20°32	3°25	26°42	25°19	21°5	12°27	T 17
W 18	1 48 23	25°12'54	11♏43	13°34	5°37	19°51	16°31	16°53	13°4	20°31	3°26	26°37	25°16	21°12	12°27	W 18
T 19	1 52 20	26°12'05	23°37	15°1	6°52	20°34	16°29	16°49	13°2	20°30	3°26	26°33	25°12	21°19	12°27	T 19
F 20	1 56 16	27°11'18	5♏29	16°27	8°7	21°16	16°26	16°44	13°1	20°29	3°27	26°29	25°9	21°25	12°R28	F 20
S 21	2 0 13	28°10'34	17°23	17°53	9°21	21°59	16°23	16°40	12°59	20°27	3°27	26°27	25°6	21°32	12°28	S 21
S 22	2 4 9	29°9'52	29°24	19°17	10°36	22°42	16°19	16°35	12°58	20°26	3°27	26°D26	25°3	21°39	12°27	S 22
M 23	2 8 6	0♌9'12	11♏37	20°41	11°51	23°25	16°16	16°31	12°57	20°25	3°27	26°27	25°0	21°46	12°27	M 23
T 24	2 12 2	1°8'34	24°6	22°3	13°5	24°8	16°12	16°26	12°55	20°24	3°28	26°28	24°56	21°52	12°27	T 24
W 25	2 15 59	2°7'59	6♏56	23°25	14°20	24°51	16°8	16°22	12°54	20°23	3°28	26°30	24°53	21°59	12°27	W 25
T 26	2 19 56	3°7'26	20°10	24°45	15°35	25°34	16°4	16°17	12°53	20°22	3°28	26°R31	24°50	22°6	12°26	T 26
F 27	2 23 52	4°6'55	3♏50	26°5	16°50	26°18	16°0	16°13	12°51	20°21	3°28	26°31	24°47	22°13	12°26	F 27
S 28	2 27 49	5°6'26	17°56	27°23	18°4	27°1	15°56	16°8	12°50	20°19	3°29	26°29	24°44	22°19	12°25	S 28
S 29	2 31 45	6°5'59	2♌25	28°40	19°19	27°44	15°51	16°3	12°49	20°18	3°29	26°26	24°41	22°26	12°25	S 29
M 30	2 35 42	7°5'35	17°11	29°56	20°34	28°28	15°46	15°59	12°48	20°17	3°29	26°21	24°37	22°33	12°24	M 30
T 31	2 39 38	8♌5'12	2♌7	1♌10	21♌49	29♌12	15♏41	15♏54	12♌47	20♌16	3♏29	26♌14	24♌34	22♏39	12♏23	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	3s22	11s25	2s23	5s52	0n44	4s32	1n14	22s46	1s13	21n47	0s55	14n37	2s36	7s11	0s49	S 1
M 2	3 45	17 28	3 28	6 36	0 38	5 2	1 13	22 53	1 14	21 47	0 55	14 36	2 37	7 12	0 49	M 2
T 3	4 8	22 34	4 21	7 21	0 31	5 32	1 12	23 0	1 14	21 47	0 55	14 35	2 37	7 13	0 49	T 3
W 4	4 31	26 18	4 57	8 5	0 24	6 1	1 11	23 6	1 14	21 47	0 56	14 33	2 37	7 13	0 49	W 4
T 5	4 54	28 19	5 14	8 48	0 17	6 31	1 9	23 13	1 15	21 47	0 56	14 32	2 37	7 14	0 49	T 5
F 6	5 17	28 25	5 12	9 30	0 10	7 0	1 8	23 19	1 15	21 47	0 56	14 31	2 37	7 15	0 49	F 6
S 7	5 40	26 39	4 50	10 12	0 3	7 29	1 7	23 25	1 15	21 47	0 56	14 30	2 37	7 16	0 49	S 7
S 8	6 2	23 17	4 12	10 53	0s 4	7 58	1 5	23 30	1 16	21 47	0 56	14 29	2 37	7 16	0 49	S 8
M 9	6 25	18 40	3 20	11 34	0 11	8 27	1 4	23 36	1 16	21 46	0 56	14 28	2 38	7 17	0 49	M 9
T 10	6 47	13 11	2 17	12 14	0 18	8 55	1 2	23 41	1 16	21 46	0 56	14 27	2 38	7 18	0 49	T 10
W 11	7 10	7 11	1 9	12 53	0 26	9 24	1 0	23 46	1 16	21 46	0 56	14 26	2 38	7 18	0 49	W 11
T 12	7 32	0 58	0n 3	13 31	0 33	9 52	0 59	23 51	1 17	21 46	0 56	14 24	2 38	7 19	0 49	T 12
F 13	7 54	5n11	1 13	14 8	0 40	10 20	0 57	23 56	1 17	21 46	0 56	14 23	2 38	7 20	0 49	F 13
S 14	8 16	11 2	2 18	14 45	0 47	10 48	0 55	24 0	1 17	21 45	0 56	14 22	2 38	7 20	0 49	S 14
S 15	8 38	16 20	3 15	15 25	0 54	11 15	0 53	24 5	1 17	21 45	0 56	14 21	2 38	7 21	0 49	S 15
M 16	9 0	20 55	4 3	15 56	1 2	11 42	0 51	24 9	1 18	21 45	0 56	14 19	2 38	7 22	0 49	M 16
T 17	9 22	24 34	4 39	16 30	1 9	12 9	0 49	24 12	1 18	21 45	0 56	14 18	2 39	7 22	0 49	T 17
W 18	9 43	27 6	5 2	17 3	1 16	12 36	0 47	24 16	1 18	21 44	0 56	14 17	2 39	7 23	0 49	W 18
T 19	10 5	28 23	5 12	17 36	1 22	13 3	0 45	24 19	1 18	21 44	0 56	14 16	2 39	7 23	0 49	T 19
F 20	10 26	28 23	5 8	18 7	1 29	13 29	0 43	24 22	1 18	21 44	0 57	14 14	2 39	7 24	0 49	F 20
S 21	10 47	27 3	4 52	18 38	1 36	13 54	0 41	24 25	1 19	21 43	0 57	14 13	2 39	7 24	0 49	S 21
S 22	11 8	24 29	4 22	19 8	1 42	14 20	0 39	24 28	1 19	21 43	0 57	14 12	2 39	7 25	0 49	S 22
M 23	11 29	20 46	3 40	19 36	1 49	14 45	0 37	24 30	1 19	21 43	0 57	14 10	2 39	7 25	0 48	M 23
T 24	11 50	16 4	2 47	20 4	1 55	15 10	0 35	24 33	1 19	21 42	0 57	14 9	2 39	7 26	0 48	T 24
W 25	12 10	10 34	1 45	20 31	2 1	15 34	0 33	24 35	1 19	21 42	0 57	14 8	2 39	7 26	0 48	W 25
T 26	12 31	4 25	0 35	20 57	2 7	15 58	0 30	24 36	1 19	21 41	0 57	14 7	2 39	7 27	0 48	T 26
F 27	12 51	2s 8	0s40	21 21	2 13	16 21	0 28	24 38	1 20	21 41	0 57	14 5	2 39	7 27	0 48	F 27
S 28	13 11	8 46	1 54	21 45	2 18	16 45	0 26	24 39	1 20	21 40	0 57	14 4	2 39	7 28	0 48	S 28
S 29	13 30	15 7	3 2	22 7	2 23	17 7	0 23	24 40	1 20	21 40	0 57	14 2	2 39	7 28	0 48	S 29
M 30	13 50	20 44	4 0	22 28	2 28	17 30	0 21	24 41	1 20	21 39	0 57	14 1	2 39	7 29	0 48	M 30
T 31	14s 9	25s 7	4s42	22s49	2s33	17s51	0n19	24s41	1s20	21n39	0s57	14n 0	2s39	7s29	0s48	T 31

Julian Day Number = 2698722.5, Delta T = 25m30s

Ecliptic obliquity = 23°21'15, Nutation = 0°00'00

Ayanamsha: Fagan/Bradley = 34°12'27, Lahiri = 33°19'27

# ASTRODIENST EPHEMERIS for the year 2676

NOVEMBER 2676

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 43 35	9♍ 4'51	17♌ 3	2♈ 22	23♍ 4	29♌ 55	15°R36	15°R49	12°R46	20°R15	3♌ 29	26°R 8	24♌ 31	22♌ 46	12°R22	W 1
T 2	2 47 31	10° 4'33	1♈ 51	3°33	24°18	0♈ 39	15°R31	15°R45	12°R45	20°R15	3°29	26°R 2	24°28	22°53	12°R21	T 2
F 3	2 51 28	11° 4'15	16°24	4°43	25°33	1°23	15°26	15°40	12°44	20°14	3°R29	25°57	24°25	23° 0	12°20	F 3
S 4	2 55 25	12° 4'00	0♈ 39	5°50	26°48	2° 7	15°20	15°35	12°43	20°13	3°29	25°55	24°22	23° 6	12°19	S 4
S 5	2 59 21	13° 3'46	14°32	6°54	28° 3	2°51	15°14	15°30	12°42	20°12	3°29	25°D54	24°18	23°13	12°18	S 5
M 6	3 3 18	14° 3'33	28° 5	7°57	29°17	3°35	15° 8	15°25	12°42	20°11	3°29	25°55	24°15	23°20	12°17	M 6
T 7	3 7 14	15° 3'22	11♌ 18	8°56	0♈ 32	4°19	15° 2	15°21	12°41	20°10	3°29	25°56	24°12	23°27	12°15	T 7
W 8	3 11 11	16° 3'13	24°16	9°53	1°47	5° 4	14°56	15°16	12°40	20°10	3°29	25°R57	24° 9	23°33	12°14	W 8
T 9	3 15 7	17° 3'06	6♈ 59	10°46	3° 2	5°48	14°50	15°11	12°39	20° 9	3°29	25°56	24° 6	23°40	12°12	T 9
F 10	3 19 4	18° 3'00	19°31	11°35	4°16	6°32	14°43	15° 6	12°39	20° 8	3°28	25°54	24° 2	23°47	12°11	F 10
S 11	3 23 0	19° 2'56	1♈ 53	12°20	5°31	7°17	14°37	15° 1	12°38	20° 7	3°28	25°48	23°59	23°53	12° 9	S 11
S 12	3 26 57	20° 2'54	14° 6	13° 0	6°46	8° 1	14°30	14°57	12°38	20° 7	3°28	25°41	23°56	24° 0	12° 8	S 12
M13	3 30 54	21° 2'53	26°13	13°36	8° 1	8°46	14°23	14°52	12°37	20° 6	3°28	25°31	23°53	24° 7	12° 6	M13
T 14	3 34 50	22° 2'55	8♌ 13	14° 5	9°15	9°30	14°16	14°51	12°37	20° 6	3°28	25°20	23°50	24°14	12° 4	T 14
W15	3 38 47	23° 2'58	20° 8	14°28	10°30	10°15	14° 9	14°42	12°37	20° 5	3°27	25° 8	23°47	24°20	12° 2	W15
T 16	3 42 43	24° 3'04	2♈ 0	14°44	11°45	11° 0	14° 2	14°38	12°36	20° 5	3°27	24°58	23°43	24°27	12° 0	T 16
F 17	3 46 40	25° 3'11	13°51	14°R52	13° 0	11°45	13°54	14°33	12°36	20° 4	3°27	24°48	23°40	24°34	11°58	F 17
S 18	3 50 36	26° 3'20	25°44	14°52	14°14	12°30	13°47	14°28	12°36	20° 4	3°26	24°42	23°37	24°40	11°56	S 18
S 19	3 54 33	27° 3'31	7♌ 43	14°43	15°29	13°15	13°40	14°24	12°36	20° 3	3°26	24°37	23°34	24°47	11°54	S 19
M20	3 58 30	28° 3'45	19°52	14°24	16°44	14° 0	13°32	14°19	12°36	20° 3	3°25	24°35	23°31	24°54	11°51	M20
T 21	4 2 26	29° 4'00	2♈ 16	13°56	17°59	14°45	13°24	14°15	12°D36	20° 3	3°25	24°D35	23°28	25° 1	11°49	T 21
W22	4 6 23	0♈ 4'17	15° 0	13°17	19°13	15°30	13°17	14°10	12°36	20° 2	3°25	24°35	23°24	25° 7	11°47	W22
T 23	4 10 19	1° 4'36	28° 8	12°29	20°28	16°15	13° 9	14° 6	12°36	20° 2	3°24	24°R35	23°21	25°14	11°44	T 23
F 24	4 14 16	2° 4'57	11♌ 45	11°31	21°43	17° 1	13° 1	14° 1	12°36	20° 2	3°24	24°34	23°18	25°21	11°42	F 24
S 25	4 18 12	3° 5'20	25°51	10°24	22°57	17°46	12°53	13°57	12°36	20° 1	3°23	24°31	23°15	25°28	11°39	S 25
S 26	4 22 9	4° 5'45	10♌ 26	9°11	24°12	18°32	12°45	13°52	12°36	20° 1	3°23	24°24	23°12	25°34	11°37	S 26
M27	4 26 5	5° 6'11	25°24	7°53	25°27	19°17	12°37	13°48	12°36	20° 1	3°22	24°16	23° 8	25°41	11°34	M27
T 28	4 30 2	6° 6'40	10♌ 37	6°32	26°42	20° 3	12°29	13°44	12°37	20° 1	3°21	24° 5	23° 5	25°48	11°31	T 28
W29	4 33 59	7° 7'10	25°54	5°11	27°56	20°48	12°21	13°40	12°37	20° 1	3°21	23°54	23° 2	25°54	11°28	W29
T 30	4 37 55	8♌ 7'41	11♌ 3	3♌ 53	29♌ 11	21♌ 34	12°R12	13°R36	12°R38	20°R 1	3°R20	23°R44	22°R59	26°R 1	11°R25	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	14s28	27s47	5s 5	23s 8	2s37	18s13	0n16	24s41	1s20	21n38	0s57	13n58	2s39	7s29	0s48	4s42
T 2	14 47	28 27	5 7	23 25	2 41	18 34	0 14	24 41	1 20	21 38	0 57	13 57	2 39	7 30	0 48	4 43
F 3	15 6	27 8	4 49	23 42	2 45	18 54	0 11	24 41	1 20	21 37	0 57	13 56	2 39	7 30	0 48	4 43
S 4	15 24	24 4	4 14	23 57	2 48	19 14	0 9	24 41	1 20	21 36	0 57	13 54	2 39	7 30	0 48	4 43
S 5	15 42	19 40	3 24	24 11	2 50	19 33	0 6	24 40	1 21	21 36	0 57	13 53	2 39	7 30	0 48	4 44
M 6	16 0	14 22	2 24	24 24	2 52	19 52	0 4	24 39	1 21	21 35	0 57	13 52	2 39	7 31	0 48	4 44
T 7	16 18	8 30	1 18	24 35	2 54	20 10	0 1	24 38	1 21	21 35	0 57	13 50	2 39	7 31	0 48	4 44
W 8	16 35	2 25	0 9	24 44	2 55	20 28	0s 1	24 36	1 21	21 34	0 57	13 49	2 39	7 31	0 48	4 45
T 9	16 52	3n40	0n59	24 52	2 56	20 45	0 4	24 34	1 21	21 33	0 57	13 48	2 39	7 31	0 48	4 45
F 10	17 9	9 31	2 3	24 59	2 55	21 2	0 6	24 32	1 21	21 32	0 57	13 46	2 39	7 32	0 48	4 45
S 11	17 25	14 54	3 0	25 4	2 54	21 18	0 9	24 30	1 21	21 32	0 57	13 45	2 39	7 32	0 48	4 45
S 12	17 41	19 39	3 48	25 7	2 52	21 33	0 11	24 27	1 21	21 31	0 57	13 44	2 39	7 32	0 48	4 46
M13	17 57	23 32	4 25	25 9	2 49	21 48	0 14	24 25	1 21	21 30	0 57	13 42	2 39	7 32	0 48	4 46
T 14	18 13	26 23	4 50	25 9	2 45	22 2	0 16	24 21	1 21	21 29	0 57	13 41	2 39	7 32	0 48	4 46
W15	18 28	28 1	5 2	25 6	2 40	22 15	0 19	24 18	1 21	21 29	0 57	13 40	2 39	7 32	0 48	4 46
T 16	18 43	28 22	5 1	25 2	2 34	22 28	0 22	24 14	1 21	21 28	0 57	13 38	2 39	7 32	0 48	4 46
F 17	18 58	27 24	4 47	24 55	2 26	22 40	0 24	24 11	1 21	21 27	0 57	13 37	2 39	7 32	0 48	4 47
S 18	19 12	25 11	4 21	24 46	2 17	22 52	0 27	24 6	1 21	21 26	0 57	13 36	2 38	7 32	0 48	4 47
S 19	19 26	21 51	3 42	24 35	2 7	23 3	0 29	24 2	1 21	21 25	0 57	13 35	2 38	7 32	0 47	4 47
M20	19 39	17 33	2 54	24 20	1 54	23 13	0 32	23 57	1 21	21 25	0 56	13 33	2 38	7 32	0 47	4 47
T 21	19 53	12 26	1 56	24 3	1 41	23 23	0 34	23 52	1 21	21 24	0 56	13 32	2 38	7 32	0 47	4 47
W22	20 6	6 40	0 51	23 44	1 25	23 32	0 37	23 47	1 20	21 23	0 56	13 31	2 38	7 32	0 47	4 47
T 23	20 18	0 27	0s19	23 21	1 9	23 40	0 39	23 42	1 20	21 22	0 56	13 30	2 38	7 32	0 47	4 47
F 24	20 30	6s 1	1 30	22 55	0 51	23 47	0 41	23 36	1 20	21 21	0 56	13 29	2 38	7 32	0 47	4 47
S 25	20 42	12 24	2 38	22 27	0 31	23 54	0 44	23 30	1 20	21 20	0 56	13 27	2 38	7 32	0 47	4 48
S 26	20 53	18 20	3 38	21 56	0 11	24 0	0 46	23 24	1 20	21 19	0 56	13 26	2 38	7 32	0 47	4 48
M27	21 4	23 19	4 24	21 53	0n 9	24 5	0 49	23 18	1 20	21 18	0 56	13 25	2 37	7 32	0 47	4 48
T 28	21 15	26 47	4 53	20 50	0 30	24 10	0 51	23 11	1 20	21 17	0 56	13 24	2 37	7 32	0 47	4 48
W29	21 25	28 18	5 1	20 16	0 50	24 14	0 53	23 4	1 20	21 16	0 56	13 23	2 37	7 32	0 47	4 48
T 30	21s35	27s40	4s48	19s44	1n 9	24s17	0s56	22s57	1s20	21n15	0s56	13n22	2s37	7s31	0s47	4s48

Julian Day Number = 2698753.5, Delta T = 25m31s  
 Ecliptic obliquity = 23°21'14", Nutation = 0°00'00  
 Ayanamsha: Fagan/Bradley = 34°12'31", Lahiri = 33°19'31

## ASTRODIENST EPHEMERIS for the year 2676

DECEMBER 2676

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4 41 52	9♉ 8'14	25♊57	2°R40	0♋26	22♌20	12°R 4	13°R31	12♍38	20°D 1	3°R19	23°R36	22♎56	26♏ 8	11°R22	F 1
S 2	4 45 48	10° 8'47	10♋26	1♌35	1°41	23° 5	11♎56	13♏27	12°39	20♐ 1	3♑19	23♒30	22°53	26°15	11♓20	S 2
S 3	4 49 45	11° 9'22	24°29	0°39	2°55	23°51	11°48	13°23	12°39	20° 1	3°18	23°27	22°49	26°21	11°16	S 3
M 4	4 53 41	12° 9'58	8♋ 4	29♌54	4°10	24°37	11°40	13°20	12°40	20° 1	3°17	23°D26	22°46	26°28	11°13	M 4
T 5	4 57 38	13°10'35	21°14	29°20	5°25	25°23	11°32	13°16	12°40	20° 1	3°17	23°R26	22°43	26°35	11°10	T 5
W 6	5 1 34	14°11'13	4♌ 4	28°57	6°40	26° 9	11°23	13°12	12°41	20° 1	3°16	23°26	22°40	26°42	11° 7	W 6
T 7	5 5 31	15°11'53	16°36	28°D46	7°54	26°55	11°15	13° 8	12°42	20° 2	3°15	23°24	22°37	26°48	11° 4	T 7
F 8	5 9 28	16°12'33	28°55	28°46	9° 9	27°41	11° 7	13° 5	12°43	20° 2	3°14	23°20	22°34	26°55	11° 1	F 8
S 9	5 13 24	17°13'14	11♌ 5	28°57	10°24	28°27	10°59	13° 1	12°44	20° 2	3°13	23°13	22°30	27° 2	10°57	S 9
S 10	5 17 21	18°13'57	23° 7	29°17	11°38	29°14	10°51	12°58	12°45	20° 2	3°13	23° 2	22°27	27° 8	10°54	S 10
M11	5 21 17	19°14'41	5♊ 5	29°46	12°53	29°59	10°43	12°54	12°46	20° 3	3°12	22°49	22°24	27°15	10°51	M11
T 12	5 25 14	20°15'26	17° 0	0♌23	14° 8	0♎46	10°35	12°51	12°47	20° 3	3°11	22°35	22°21	27°22	10°47	T 12
W13	5 29 10	21°16'12	28°53	1° 7	15°22	1°32	10°27	12°48	12°48	20° 3	3°10	22°19	22°18	27°29	10°44	W13
T 14	5 33 7	22°16'59	10♋46	1°57	16°37	2°19	10°19	12°45	12°49	20° 4	3° 9	22° 5	22°14	27°35	10°40	T 14
F 15	5 37 3	23°17'48	22°39	2°53	17°51	3° 5	10°11	12°42	12°50	20° 4	3° 8	21°52	22°11	27°42	10°37	F 15
S 16	5 41 0	24°18'37	4♌35	3°53	19° 6	3°51	10° 4	12°39	12°51	20° 5	3° 7	21°42	22° 8	27°49	10°33	S 16
S 17	5 44 57	25°19'28	16°36	4°58	20°21	4°38	9°56	12°36	12°52	20° 5	3° 6	21°35	22° 5	27°55	10°30	S 17
M18	5 48 53	26°20'20	28°45	6° 6	21°35	5°24	9°49	12°33	12°54	20° 6	3° 5	21°31	22° 2	28° 2	10°26	M18
T 19	5 52 50	27°21'13	11♏ 7	7°17	22°50	6°11	9°41	12°30	12°55	20° 7	3° 4	21°30	21°59	28° 9	10°22	T 19
W20	5 56 46	28°22'08	23°47	8°31	24° 4	6°58	9°34	12°28	12°57	20° 7	3° 3	21°29	21°55	28°16	10°19	W20
T 21	6 0 43	29°23'04	6♌48	9°47	25°19	7°44	9°26	12°25	12°58	20° 8	3° 2	21°29	21°52	28°22	10°15	T 21
F 22	6 4 39	0♋24'00	20°15	11° 5	26°34	8°31	9°19	12°23	13° 0	20° 9	3° 1	21°28	21°49	28°29	10°11	F 22
S 23	6 8 36	1°24'58	4♌10	12°25	27°48	9°17	9°12	12°20	13° 1	20° 9	3° 0	21°25	21°46	28°36	10° 8	S 23
S 24	6 12 32	2°25'58	18°35	13°47	29° 3	10° 4	9° 5	12°18	13° 3	20°10	2°59	21°19	21°43	28°43	10° 4	S 24
M25	6 16 29	3°26'58	3♌27	15°10	0♎17	10°51	8°58	12°16	13° 4	20°11	2°58	21°10	21°40	28°49	10° 0	M25
T 26	6 20 26	4°27'59	18°38	16°34	1°32	11°38	8°52	12°14	13° 6	20°12	2°57	20°59	21°36	28°56	9°56	T 26
W27	6 24 22	5°29'01	3♋59	17°59	2°46	12°25	8°45	12°12	13° 8	20°13	2°56	20°48	21°33	29° 3	9°53	W27
T 28	6 28 19	6°30'04	19°18	19°25	4° 1	13°11	8°39	12°10	13°10	20°14	2°55	20°37	21°30	29° 9	9°49	T 28
F 29	6 32 15	7°31'08	4♎24	20°51	5°15	13°58	8°33	12° 9	13°11	20°14	2°53	20°28	21°27	29°16	9°45	F 29
S 30	6 36 12	8°32'11	19° 7	22°19	6°30	14°45	8°26	12° 7	13°13	20°15	2°52	20°22	21°24	29°23	9°41	S 30
S 31	6 40 8	9♋33'16	3♋22	23♌46	7♎44	15♎32	8♏21	12♐ 6	13♑15	20♒16	2♑51	20♓19	21♔20	29♕30	9♖38	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	21s44	25s 3	4s15	19s13	1n26	24s19	0s58	22s49	1s19	21n14	0s55	13n21	2s37	7s31	0s47	4s48
S 2	21 53	20 52	3 26	18 44	1 42	24 21	1 0	22 41	1 19	21 13	0 55	13 20	2 37	7 31	0 47	4 48
S 3	22 2 15	37 2 27	18 19	1 56	24 22	1 2 22	33 1 19	21 13 0 55	13 19 2 36	7 31 0 47	4 48 0 56	20 11 0 52	2 35 2 50	28 26 16 2	6 52	
M 4	22 10 9	46 1 20	17 58	2 8	24 22	1 4 22	25 1 19	21 12 0 55	13 18 2 36	7 30 0 47	4 47 0 55	20 11 0 52	2 36 2 52	28 26 16 2	6 53	
T 5	22 18 3	38 0 12	17 42	2 17	24 21	1 7 22	17 1 19	21 11 0 55	13 17 2 36	7 30 0 47	4 47 0 55	20 12 0 52	2 36 2 53	28 27 16 1	6 53	
W 6	22 25 2n28	0n56	17 30	2 25	24 20	1 9 22	8 1 19	21 10 0 55	13 16 2 36	7 30 0 47	4 47 0 55	20 12 0 52	2 36 2 54	28 27 16 1	6 53	
T 7	22 32 8	20 1 59	17 22	2 30	24 18	1 11 21	59 1 19	21 9 0 55	13 15 2 36	7 29 0 47	4 47 0 55	20 12 0 52	2 37 2 55	28 27 16 1	6 54	
F 8	22 39 13	47 2 55	17 19	2 34	24 15	1 13 21	50 1 18	21 8 0 55	13 14 2 36	7 29 0 47	4 47 0 55	20 12 0 52	2 38 2 57	28 27 16 1	6 54	
S 9	22 45 18	38 3 43	17 19	2 36	24 11	1 15 21	40 1 18	21 7 0 54	13 13 2 35	7 29 0 47	4 47 0 55	20 13 0 52	2 41 2 58	28 27 16 1	6 54	
S 10	22 50 22	41 4 20	17 23	2 36	24 7	1 17 21	31 1 18	21 6 0 54	13 12 2 35	7 28 0 47	4 47 0 55	20 13 0 52	2 45 2 59	28 27 16 1	6 55	
M11	22 55 25	45 4 45	17 30	2 35	24 2	1 18 21	21 1 18	21 5 0 54	13 12 2 35	7 28 0 47	4 47 0 55	20 13 0 52	2 50 3 0	28 27 16 1	6 55	
T 12	23 0 27	39 4 57	17 40	2 33	23 56	1 20 21	10 1 17	21 4 0 54	13 11 2 35	7 27 0 47	4 47 0 55	20 13 0 52	2 56 3 2	28 27 16 1	6 55	
W13	23 4 28	18 4 57	17 52	2 30	23 50	1 22 21	0 1 17	21 3 0 54	13 10 2 34	7 27 0 47	4 46 0 55	20 14 0 52	3 2 3 3	28 27 16 1	6 55	
T 14	23 8 27	38 4 43	18 5	2 26	23 43	1 24 20	49 1 17	21 2 0 54	13 9 2 34	7 27 0 47	4 46 0 55	20 14 0 52	3 8 3 4	28 27 16 1	6 56	
F 15	23 11 25	42 4 18	18 21	2 21	23 35	1 25 20	39 1 17	21 1 0 53	13 9 2 34	7 26 0 46	4 46 0 55	20 14 0 52	3 13 3 5	28 27 16 1	6 56	
S 16	23 14 22	37 3 40	18 37	2 16	23 26	1 27 20	28 1 17	21 0 0 53	13 8 2 34	7 26 0 46	4 46 0 55	20 15 0 53	3 17 3 7	28 27 16 1	6 56	
S 17	23 16 18	33 2 53	18 55	2 10	23 17	1 29 20	16 1 16	20 59 0 53	13 7 2 34	7 25 0 46	4 46 0 55	20 15 0 53	3 19 3 8	28 27 16 1	6 56	
M18	23 18 13	42 1 57	19 13	2 4	23 7	1 30 20	5 1 16	20 58 0 53	13 7 2 33	7 25 0 46	4 45 0 55	20 15 0 53	3 21 3 9	28 27 16 1	6 57	
T 19	23 20 8	13 0 55	19 31	1 57	22 56	1 31 19	53 1 16	20 57 0 53	13 6 2 33	7 24 0 46	4 45 0 55	20 15 0 53	3 22 3 10	28 27 16 1	6 57	
W20	23 21 2 17	0s12	19 50	1 50	22 45	1 33 19	41 1 15	20 56 0 53	13 6 2 33	7 23 0 46	4 45 0 55	20 16 0 53	3 22 3 12	28 27 16 1	6 57	
T 21	23 21 3s55	1 20	20 9	1 43	22 32	1 34 19	29 1 15	20 55 0 52	13 5 2 33	7 23 0 46	4 44 0 55	20 16 0 53	3 22 3 13	28 27 16 2	6 57	
F 22	23 21 10 8	2 26	20 27	1 35	22 20	1 35 19	16 1 15	20 55 0 52	13 5 2 32	7 22 0 46	4 44 0 55	20 16 0 53	3 22 3 14	28 27 16 2	6 57	
S 23	23 21 16 5	3 25	20 45	1 28	22 6	1 37 19	4 1 15	20 54 0 52	13 4 2 32	7 22 0 46	4 44 0 55	20 17 0 53	3 24 3 15	28 27 16 2	6 58	
S 24	23 20 21 21	4 14	21 3	1 20	21 52	1 38 18	51 1 14	20 53 0 52	13 4 2 32	7 21 0 46	4 44 0 55	20 17 0 53	3 26 3 17	28 27 16 2	6 58	
M25	23 19 25 27	4 47	21 20	1 12	21 37	1 39 18	38 1 14	20 52 0 52	13 3 2 32	7 20 0 46	4 43 0 55	20 17 0 53	3 29 3 18	28 27 16 2	6 58	
T 26	23 17 27 51	5 0	21 36	1 5	21 22	1 40 18	25 1 14	20 51 0 51	13 3 2 31	7 20 0 46	4 43 0 55	20 18 0 53	3 34 3 19	28 27 16 2	6 58	
W27	23 14 28 10	4 53	21 52	0 57	21 6	1 41 18	11 1 13	20 50 0 51	13 3 2 31	7 19 0 46	4 42 0 55	20 18 0 53	3 38 3 20	28 27 16 2	6 58	
T 28	23 12 26 20	4 24	22 7	0 49	20 50	1 42 17	58 1 13	20 50 0 51	13 2 2 31	7 18 0 46	4 42 0 55	20 18 0 53	3 42 3 22	28 27 16 2	6 58	
F 29	23 8 22 37	3 38	22 21	0 41	20 32	1 42 17	44 1 13	20 49 0 51	13 2 2 30	7 17 0 46	4 42 0 55	20 19 0 54	3 46 3 23	28 27 16 3	6 58	
S 30	23 5 17 32	2 37	22 35	0 33	20 15	1 43 17	30 1 12	20 48 0 51	13 2 2 30	7 17 0 46	4 41 0 55	20 19 0 54	3 48 3 24	28 27 16 3	6 58	
S 31	23s 1 11s37	1s29	22s47	0n26	19s56	1s44	17s16	1s12	20n47	0s50	13n 2	2s30	7s16	0s46	4s41	0s55

Julian Day Number = 2698783.5, Delta T = 25m31s

Ecliptic obliquity = 23°21'14, Nutation = 0°00'01

Ayanamsha: Fagan/Bradley = 34°12'35, Lahiri = 33°19'35

## ASTRODIENST EPHEMERIS for the year 2677

JANUARY 2677

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	6 44 5	10°34'20	17°18' 8	25°15' 15	8°58' 58	16°19' 19	8°R15	12°R 4	13°17' 17	20°17' 17	2°R50	20°D18	21°17' 17	29°11' 36	9°R34	M 1
T 2	6 48 2	11°35'24	0°17' 25	26°44' 13	10°13' 13	17° 6	8°II 9	12°R 3	13°19' 19	20°19' 19	2°R49	20°H 18	21°14' 14	29°43' 43	9°R30	T 2
W 3	6 51 58	12°36'29	13°17' 17	28°13' 13	11°27' 27	17°53' 53	8° 4	12° 2	13°21' 21	20°20' 20	2°48' 48	20°R18	21°11' 11	29°50' 50	9°26' 26	W 3
T 4	6 55 55	13°37'34	25°48' 48	29°43' 43	12°42' 42	18°40' 40	7°58' 58	12° 1	13°23' 23	20°21' 21	2°46' 46	20°17' 17	21° 8	29°57' 57	9°22' 22	T 4
F 5	6 59 51	14°38'39	8° 4	1°13' 13	13°56' 56	19°27' 27	7°53' 53	12° 0	13°25' 25	20°22' 22	2°45' 45	20°15' 15	21° 5	0°25' 25	9°19' 19	F 5
S 6	7 3 48	15°39'44	20° 8	2°44' 44	15°10' 10	20°14' 14	7°48' 48	11°59' 59	13°28' 28	20°23' 23	2°44' 44	20° 9	21° 1	0°10' 10	9°15' 15	S 6
S 7	7 7 44	16°40'49	2°II 5	4°15' 15	16°24' 24	21° 1	7°43' 43	11°58' 58	13°30' 30	20°24' 24	2°43' 43	20° 1	20°58' 58	0°17' 17	9°11' 11	S 7
M 8	7 11 41	17°41'55	13°58' 58	5°46' 46	17°39' 39	21°49' 49	7°39' 39	11°57' 57	13°32' 32	20°26' 26	2°41' 41	19°51' 51	20°55' 55	0°23' 23	9° 7	M 8
T 9	7 15 37	18°43'00	25°50' 50	7°18' 18	18°53' 53	22°36' 36	7°34' 34	11°57' 57	13°34' 34	20°27' 27	2°40' 40	19°39' 39	20°52' 52	0°30' 30	9° 4	T 9
W10	7 19 34	19°44'06	7°54' 43	8°49' 49	20° 7	23°23' 23	7°30' 30	11°56' 56	13°37' 37	20°28' 28	2°39' 39	19°27' 27	20°49' 49	0°37' 37	9° 0	W10
T 11	7 23 31	20°45'12	19°38' 38	10°22' 22	21°21' 21	24°10' 10	7°26' 26	11°56' 56	13°39' 39	20°30' 30	2°38' 38	19°15' 15	20°46' 46	0°44' 44	8°56' 56	T 11
F 12	7 27 27	21°46'18	1°13' 13	11°54' 54	22°35' 35	24°57' 57	7°22' 22	11°56' 56	13°41' 41	20°31' 31	2°36' 36	19° 4	20°42' 42	0°50' 50	8°52' 52	F 12
S 13	7 31 24	22°47'24	13°40' 40	13°27' 27	23°49' 49	25°44' 44	7°18' 18	11°D56' 56	13°44' 44	20°32' 32	2°35' 35	18°56' 56	20°39' 39	0°57' 57	8°49' 49	S 13
S 14	7 35 20	23°48'30	25°50' 50	15° 0	25° 3	26°31' 31	7°15' 15	11°56' 56	13°46' 46	20°34' 34	2°34' 34	18°51' 51	20°36' 36	1° 4	8°45' 45	S 14
M15	7 39 17	24°49'36	8°19' 9	16°34' 34	26°17' 17	27°19' 19	7°12' 12	11°56' 56	13°49' 49	20°35' 35	2°33' 33	18°48' 48	20°33' 33	1°10' 10	8°42' 42	M15
T 16	7 43 13	25°50'42	20°38' 38	18° 8	27°31' 31	28° 6	7° 8	11°56' 56	13°51' 51	20°37' 37	2°31' 31	18°D47' 47	20°30' 30	1°17' 17	8°38' 38	T 16
W17	7 47 10	26°51'49	3°12' 12	19°42' 42	28°45' 45	28°53' 53	7° 5	11°57' 57	13°54' 54	20°38' 38	2°30' 30	18°48' 48	20°26' 26	1°24' 24	8°34' 34	W17
T 18	7 51 6	27°52'56	16°23' 23	21°17' 17	29°59' 59	29°40' 40	7° 3	11°57' 57	13°57' 57	20°40' 40	2°29' 29	18°49' 49	20°23' 23	1°31' 31	8°31' 31	T 18
F 19	7 55 3	28°54'03	29°44' 44	22°52' 52	1°13' 13	0°11' 11	7° 0	11°58' 58	13°59' 59	20°41' 41	2°27' 27	18°R50' 50	20°20' 20	1°37' 37	8°27' 27	F 19
S 20	7 59 0	29°55'10	13°11' 11	24°27' 27	2°27' 27	1°15' 15	6°58' 58	11°58' 58	14° 2	20°43' 43	2°26' 26	18°49' 49	20°17' 17	1°44' 44	8°24' 24	S 20
S 21	8 2 56	0°56'17	27°39' 39	26° 3	3°41' 41	2° 2	6°56' 56	11°59' 59	14° 5	20°44' 44	2°25' 25	18°46' 46	20°14' 14	1°51' 51	8°20' 20	S 21
M22	8 6 53	1°57'25	12°12' 12	27°40' 40	4°54' 54	2°49' 49	6°54' 54	12° 0	14° 7	20°46' 46	2°24' 24	18°41' 41	20°11' 11	1°58' 58	8°17' 17	M22
T 23	8 10 49	2°58'32	27° 4	29°17' 17	6° 8	3°37' 37	6°52' 52	12° 1	14°10' 10	20°48' 48	2°22' 22	18°35' 35	20° 7	2° 4	8°14' 14	T 23
W24	8 14 46	3°59'39	12°13' 13	0°54' 54	7°22' 22	4°24' 24	6°51' 51	12° 2	14°13' 13	20°49' 49	2°21' 21	18°27' 27	20° 4	2°11' 11	8°10' 10	W24
T 25	8 18 42	5° 0'47	27°16' 16	2°32' 32	8°35' 35	5°11' 11	6°49' 49	12° 4	14°16' 16	20°51' 51	2°20' 20	18°20' 20	20° 1	2°18' 18	8° 7	T 25
F 26	8 22 39	6° 1'53	12°17' 17	4°10' 10	9°49' 49	5°59' 59	6°48' 48	12° 5	14°19' 19	20°53' 53	2°18' 18	18°15' 15	19°58' 58	2°24' 24	8° 4	F 26
S 27	8 26 36	7° 2'59	27° 1	5°49' 49	11° 3	6°46' 46	6°48' 48	12° 6	14°22' 22	20°55' 55	2°17' 17	18°11' 11	19°55' 55	2°31' 31	8° 1	S 27
S 28	8 30 32	8° 4'05	11°12' 12	7°28' 28	12°16' 16	7°33' 33	6°47' 47	12° 8	14°24' 24	20°56' 56	2°16' 16	18°D 9	19°52' 52	2°38' 38	7°58' 58	S 28
M29	8 34 29	9° 5'10	25°11' 11	9° 8	13°30' 30	8°20' 20	6°46' 46	12°10' 10	14°27' 27	20°58' 58	2°15' 15	18° 9	19°48' 48	2°45' 45	7°55' 55	M29
T 30	8 38 25	10° 6'14	8°14' 14	10°49' 49	14°43' 43	9° 8	6°46' 46	12°12' 12	14°30' 30	21° 0	2°13' 13	18°10' 10	19°45' 45	2°51' 51	7°51' 51	T 30
W31	8 42 22	11° 7'17	21°14' 14	12°30' 30	15°15' 15	9°15' 15	6°D46' 46	12°13' 13	14°33' 33	21°11' 11	2°12' 12	18°11' 11	19°42' 42	2°58' 58	7°54' 54	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	22s56	5s20	0s17	22s58	0n18	19s37	1s44	17s 2	1s12	20n47	0s50	13n 2	2s30	7s15	0s46	M 1
T 2	22 51	0n59	0n54	23 8	0 10	19 18	1 45	16 47	1 11	20 46	0 50	13 1	2 29	7 14	0 46	T 2
W 3	22 46	7 3	1 59	23 18	0 3	18 58	1 45	16 32	1 11	20 45	0 50	13 1	2 29	7 14	0 46	W 3
T 4	22 40	12 41	2 57	23 26	0s 4	18 38	1 45	16 18	1 10	20 45	0 49	13 1	2 29	7 13	0 46	T 4
F 5	22 33	17 42	3 45	23 32	0 12	18 16	1 46	16 3	1 10	20 44	0 49	13 1	2 29	7 12	0 46	F 5
S 6	22 26	21 56	4 23	23 38	0 19	17 55	1 46	15 47	1 10	20 44	0 49	13 1	2 28	7 11	0 46	S 6
S 7	22 19	25 13	4 48	23 43	0 26	17 33	1 46	15 32	1 9	20 43	0 49	13 1	2 28	7 10	0 46	S 7
M 8	22 11	27 23	5 1	23 46	0 32	17 10	1 46	15 16	1 9	20 43	0 48	13 1	2 28	7 9	0 46	M 8
T 9	22 3	28 18	5 1	23 48	0 39	16 47	1 46	15 1	1 8	20 42	0 48	13 2	2 27	7 8	0 46	T 9
W10	21 54	27 55	4 48	23 49	0 45	16 24	1 46	14 45	1 8	20 42	0 48	13 2	2 27	7 7	0 46	W10
T 11	21 45	26 14	4 22	23 49	0 52	16 0	1 46	14 29	1 8	20 41	0 48	13 2	2 27	7 6	0 46	T 11
F 12	21 36	23 22	3 44	23 47	0 58	15 36	1 45	14 13	1 7	20 41	0 48	13 2	2 27	7 6	0 45	F 12
S 13	21 26	19 29	2 56	23 44	1 4	15 11	1 45	13 57	1 7	20 40	0 47	13 2	2 26	7 5	0 45	S 13
S 14	21 16	14 44	2 0	23 40	1 9	14 46	1 44	13 40	1 6	20 40	0 47	13 3	2 26	7 4	0 45	S 14
M15	21 5	9 22	0 57	23 34	1 15	14 20	1 44	13 24	1 6	20 40	0 47	13 3	2 26	7 3	0 45	M15
T 16	20 54	3 33	0s10	23 27	1 20	13 54	1 43	13 7	1 5	20 40	0 47	13 3	2 25	7 2	0 45	T 16
W17	20 43	2s31	1 18	23 19	1 25	13 28	1 43	12 50	1 5	20 39	0 46	13 4	2 25	7 1	0 45	W17
T 18	20 31	8 37	2 23	23 9	1 30	13 2	1 42	12 33	1 4	20 39	0 46	13 4	2 25	7 0	0 45	T 18
F 19	20 18	14 30	3 22	22 58	1 34	12 35	1 41	12 16	1 4	20 39	0 46	13 5	2 24	6 59	0 45	F 19
S 20	20 6	19 50	4 12	22 46	1 39	12 7	1 40	11 59	1 4	20 39	0 46	13 5	2 24	6 57	0 45	S 20
S 21	19 53	24 14	4 47	22 33	1 43	11 40	1 39	11 42	1 3	20 39	0 45	13 6	2 24	6 56	0 45	S 21
M22	19 39	27 14	5 6	22 18	1 46	11 12	1 38	11 24	1 3	20 39	0 45	13 6	2 24	6 55	0 45	M22
T 23	19 25	28 24	5 4	22 1	1 50	10 44	1 37	11 7	1 2	20 39	0 45	13 7	2 23	6 54	0 45	T 23
W24	19 11	27 29	4 42	21 43	1 53	10 15	1 35	10 49	1 2	20 39	0 45	13 7	2 23	6 53	0 45	W24
T 25	18 57	24 33	4 0	21 24	1 56	9 46	1 34	10 31	1 1	20 39	0 44	13 8	2 23	6 52	0 45	T 25
F 26	18 42	19 58	3 2	21 4	1 58	9 17	1 33	10 14	1 1	20 39	0 44	13 9	2 22	6 51	0 45	F 26
S 27	18 27	14 13	1 52	20 42	2 1	8 48	1 31	9 56	1 0	20 39	0 44	13 9	2 22	6 50	0 45	S 27
S 28	18 11	7 51	0 37	20 19	2 2	8 19	1 29	9 38	1 0	20 39	0 44	13 10	2 22	6 49	0 45	S 28
M29	17 55	1 17	0n39	19 54	2 4	7 49	1 28	9 20	0 59	20 39	0 43	13 11	2 22	6 47	0 45	M29
T 30	17 39	5n 7	1 49	19 28	2 5	7 19	1 26	9 1	0 58	20 39	0 43	13 12	2 21	6 46	0 45	T 30
W31	17s22	11n 5	2n52	19s 0	2s 6	6s49	1s24	8s43	0s58	20n40	0s43	13n13	2s21	6s45	0s45	W31

Julian Day Number = 2698814.5, Delta T = 25m32s

Ecliptic obliquity = 23°21'14, Nutation = 0°00'03

Ayanamsha: Fagan/Bradley = 34°12'39, Lahiri = 33°19'39

## ASTRODIENST EPHEMERIS for the year 2677

FEBRUARY 2677

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 46 18	12° 8' 20"	4° 19'	14° 11'	17° 9'	10° 42'	6° 46'	12° 15'	14° 36'	21° 4'	2° 11'	18° 13'	19° 39'	3° 5'	7° 46'	T 1
F 2	8 50 15	13° 9' 21"	16° 38'	15° 53'	18° 23'	11° 30'	6° 47'	12° 18'	14° 39'	21° 5'	2° 8'	18° 13'	19° 36'	3° 11'	7° 43'	F 2
S 3	8 54 11	14° 10' 22"	28° 43'	17° 36'	19° 36'	12° 17'	6° 47'	12° 20'	14° 43'	21° 7'	2° 8'	18° 12'	19° 32'	3° 18'	7° 40'	S 3
S 4	8 58 8	15° 11' 22"	10° 40'	19° 19'	20° 49'	13° 4'	6° 48'	12° 22'	14° 46'	21° 9'	2° 7'	18° 9'	19° 29'	3° 25'	7° 37'	S 4
M 5	9 2 5	16° 12' 20"	22° 32'	21° 2'	22° 2'	13° 51'	6° 49'	12° 25'	14° 49'	21° 11'	2° 6'	18° 5'	19° 26'	3° 32'	7° 34'	M 5
T 6	9 6 1	17° 13' 18"	4° 23'	22° 46'	23° 15'	14° 39'	6° 50'	12° 27'	14° 52'	21° 13'	2° 4'	18° 0'	19° 23'	3° 38'	7° 32'	T 6
W 7	9 9 58	18° 14' 15"	16° 17'	24° 31'	24° 28'	15° 26'	6° 52'	12° 30'	14° 55'	21° 15'	2° 3'	17° 54'	19° 20'	3° 45'	7° 29'	W 7
T 8	9 13 54	19° 15' 11"	28° 16'	26° 16'	25° 41'	16° 13'	6° 53'	12° 33'	14° 58'	21° 17'	2° 2'	17° 49'	19° 17'	3° 52'	7° 27'	T 8
F 9	9 17 51	20° 16' 06"	10° 23'	28° 1'	26° 53'	17° 0'	6° 55'	12° 35'	15° 1'	21° 19'	2° 1'	17° 44'	19° 13'	3° 58'	7° 24'	F 9
S 10	9 21 47	21° 16' 59"	22° 37'	29° 47'	28° 6'	17° 48'	6° 57'	12° 38'	15° 5'	21° 21'	1° 59'	17° 41'	19° 10'	4° 5'	7° 22'	S 10
S 11	9 25 44	22° 17' 52"	5° 2'	1° 32'	29° 19'	18° 35'	6° 59'	12° 41'	15° 8'	21° 23'	1° 58'	17° 39'	19° 7'	4° 12'	7° 19'	S 11
M 12	9 29 40	23° 18' 44"	17° 37'	3° 18'	0° 31'	19° 22'	7° 2'	12° 44'	15° 11'	21° 25'	1° 57'	17° 38'	19° 4'	4° 19'	7° 17'	M 12
T 13	9 33 37	24° 19' 35"	0° 24'	5° 3'	1° 43'	20° 9'	7° 4'	12° 48'	15° 14'	21° 27'	1° 56'	17° 38'	19° 1'	4° 25'	7° 15'	T 13
W 14	9 37 34	25° 20' 25"	13° 23'	6° 49'	2° 56'	20° 56'	7° 7'	12° 51'	15° 18'	21° 29'	1° 55'	17° 40'	18° 58'	4° 32'	7° 13'	W 14
T 15	9 41 30	26° 21' 14"	26° 37'	8° 33'	4° 8'	21° 43'	7° 10'	12° 54'	15° 21'	21° 32'	1° 53'	17° 41'	18° 54'	4° 39'	7° 11'	T 15
F 16	9 45 27	27° 22' 03"	10° 5'	10° 17'	5° 20'	22° 30'	7° 13'	12° 58'	15° 24'	21° 34'	1° 52'	17° 43'	18° 51'	4° 45'	7° 9'	F 16
S 17	9 49 23	28° 22' 50"	23° 50'	12° 0'	6° 32'	23° 18'	7° 17'	13° 2'	15° 28'	21° 36'	1° 51'	17° 43'	18° 48'	4° 52'	7° 7'	S 17
S 18	9 53 20	29° 23' 37"	7° 50'	13° 42'	7° 44'	24° 5'	7° 20'	13° 5'	15° 31'	21° 38'	1° 50'	17° 43'	18° 45'	4° 59'	7° 5'	S 18
M 19	9 57 16	0° 24' 23"	22° 7'	15° 22'	8° 56'	24° 52'	7° 24'	13° 9'	15° 34'	21° 40'	1° 49'	17° 42'	18° 42'	5° 6'	7° 3'	M 19
T 20	10 1 13	1° 25' 09"	6° 36'	16° 59'	10° 8'	25° 39'	7° 28'	13° 13'	15° 38'	21° 42'	1° 48'	17° 41'	18° 38'	5° 12'	7° 2'	T 20
W 21	10 5 9	2° 25' 53"	21° 13'	18° 34'	11° 20'	26° 26'	7° 32'	13° 17'	15° 41'	21° 44'	1° 47'	17° 39'	18° 35'	5° 19'	7° 0'	W 21
T 22	10 9 6	3° 26' 36"	5° 54'	20° 6'	12° 32'	27° 13'	7° 36'	13° 21'	15° 44'	21° 47'	1° 46'	17° 37'	18° 32'	5° 26'	6° 58'	T 22
F 23	10 13 3	4° 27' 18"	20° 32'	21° 34'	13° 43'	28° 0'	7° 41'	13° 25'	15° 48'	21° 49'	1° 45'	17° 35'	18° 29'	5° 33'	6° 57'	F 23
S 24	10 16 59	5° 27' 58"	4° 59'	22° 58'	14° 55'	28° 47'	7° 45'	13° 30'	15° 51'	21° 51'	1° 43'	17° 34'	18° 26'	5° 39'	6° 56'	S 24
S 25	10 20 56	6° 28' 37"	19° 9'	24° 16'	16° 6'	29° 34'	7° 50'	13° 34'	15° 55'	21° 53'	1° 42'	17° 34'	18° 23'	5° 46'	6° 54'	S 25
M 26	10 24 52	7° 29' 15"	3° 0'	25° 29'	17° 17'	0° 21'	7° 55'	13° 38'	15° 58'	21° 55'	1° 41'	17° 34'	18° 19'	5° 53'	6° 53'	M 26
T 27	10 28 49	8° 29' 51"	16° 27'	26° 35'	18° 28'	1° 8'	8° 1'	13° 43'	16° 1'	21° 58'	1° 40'	17° 35'	18° 16'	5° 59'	6° 52'	T 27
W 28	10 32 45	9° 30' 25"	29° 31'	27° 34'	19° 39'	1° 54'	8° 11'	13° 48'	16° 5'	22° 0'	1° 39'	17° 36'	18° 13'	6° 6'	6° 51'	W 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	17s 6	16n26	3n45	18s32	2s 6	6s19	1s22	8s25	0s57	20n40	0s43	13n14	2s21	6s44	0s45	4s22
F 2	16 49	20 59	4 26	18 1	2 6	5 49	1 20	8 6	0 57	20 40	0 42	13 14	2 20	6 43	0 45	4 21
S 3	16 31	24 35	4 54	17 30	2 6	5 18	1 18	7 48	0 56	20 40	0 42	13 15	2 20	6 42	0 45	4 20
S 4	16 13	27 4	5 9	16 57	2 5	4 47	1 16	7 29	0 56	20 41	0 42	13 16	2 20	6 40	0 45	4 20
M 5	15 55	28 19	5 11	16 23	2 3	4 17	1 14	7 11	0 55	20 41	0 42	13 17	2 20	6 39	0 45	4 19
T 6	15 37	28 16	4 59	15 47	2 1	3 46	1 11	6 52	0 55	20 42	0 41	13 18	2 19	6 38	0 45	4 18
W 7	15 19	26 54	4 35	15 10	1 59	3 15	1 9	6 33	0 54	20 42	0 41	13 19	2 19	6 37	0 45	4 17
T 8	15 0	24 19	3 58	14 32	1 56	2 44	1 6	6 14	0 54	20 43	0 41	13 21	2 19	6 35	0 45	4 17
F 9	14 41	20 38	3 10	13 52	1 52	2 13	1 4	5 56	0 53	20 43	0 41	13 22	2 18	6 34	0 45	4 16
S 10	14 21	16 1	2 13	13 12	1 48	1 41	1 1	5 37	0 52	20 44	0 40	13 23	2 18	6 33	0 45	4 15
S 11	14 2	10 42	1 9	12 30	1 43	1 10	0 58	5 18	0 52	20 44	0 40	13 24	2 18	6 32	0 45	4 14
M 12	13 42	4 53	0 0	11 47	1 38	0 39	0 56	4 59	0 51	20 45	0 40	13 25	2 18	6 30	0 45	4 13
T 13	13 22	1s13	1s10	11 3	1 32	0 7	0 53	4 40	0 51	20 46	0 40	13 26	2 17	6 29	0 45	4 12
W 14	13 2	7 22	2 17	10 18	1 25	0n24	0 50	4 21	0 50	20 46	0 39	13 28	2 17	6 28	0 45	4 12
T 15	12 41	13 19	3 18	9 32	1 18	0 55	0 47	4 2	0 49	20 47	0 39	13 29	2 17	6 27	0 45	4 11
F 16	12 21	18 45	4 10	8 46	1 10	1 27	0 44	3 43	0 49	20 48	0 39	13 30	2 17	6 25	0 45	4 10
S 17	12 0	23 19	4 49	7 59	1 1	1 58	0 41	3 24	0 48	20 49	0 39	13 32	2 16	6 24	0 45	4 9
S 18	11 39	26 39	5 11	7 11	0 52	2 29	0 38	3 4	0 48	20 49	0 38	13 33	2 16	6 23	0 45	4 8
M 19	11 17	28 21	5 15	6 23	0 41	3 0	0 34	2 45	0 47	20 50	0 38	13 34	2 16	6 21	0 45	4 7
T 20	10 56	28 10	4 59	5 35	0 31	3 32	0 31	2 26	0 46	20 51	0 38	13 36	2 16	6 20	0 45	4 7
W 21	10 34	26 1	4 23	4 48	0 19	4 3	0 28	2 7	0 46	20 52	0 38	13 37	2 15	6 19	0 45	4 6
T 22	10 13	22 8	3 30	4 0	0 7	4 34	0 24	1 48	0 45	20 53	0 38	13 39	2 15	6 17	0 45	4 5
F 23	9 51	16 52	2 24	3 14	0n 6	5 5	0 21	1 29	0 45	20 54	0 37	13 40	2 15	6 16	0 45	4 4
S 24	9 28	10 44	1 9	2 25	0 20	5 35	0 17	1 9	0 44	20 55	0 37	13 42	2 14	6 15	0 45	4 3
S 25	9 6	4 8	0n 9	1 49	0 34	6 6	0 14	0 50	0 43	20 56	0 37	13 43	2 14	6 13	0 45	4 2
M 26	8 44	2n29	1 24	1 3	0 49	6 37	0 10	0 31	0 43	20 57	0 37	13 45	2 14	6 12	0 45	4 1
T 27	8 21	8 48	2 33	0 23	1 3	7 7	0 6	0 12	0 42	20 58	0 36	13 46	2 14	6 11	0 45	4 1
W 28	7s59	14n34	3n32	0n14	1n19	7n38	0s 2	0n 7	0s41	20n59	0s36	13n48	2s14	6s 9	0s45	4s 0

Julian Day Number = 2698845.5, Delta T = 25m32s

Ecliptic obliquity = 23°21'14", Nutation = 0°00'04"

Ayanamsha: Fagan/Bradley = 34°12'44", Lahiri = 33°19'44"

## ASTRODIENST EPHEMERIS for the year 2677

MARCH 2677

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 36 42	10°30'58	12°14	28°25	20°50	2°41	8°12	13°52	16°8	22°2	1°38	17°37	18°10	6°13	6°50	T 1
F 2	10 40 38	11°31'29	24°38	29° 8	22° 1	3°28	8°17	13°57	16°12	22° 4	1°37	17°37	18° 7	6°20	6°49	F 2
S 3	10 44 35	12°31'59	6°14	29°41	23°12	4°15	8°23	14° 2	16°15	22° 7	1°37	17°37	18° 4	6°26	6°48	S 3
S 4	10 48 32	13°32'26	18°46	0°5	24°22	5° 2	8°29	14° 7	16°19	22° 9	1°36	17°38	18° 0	6°33	6°47	S 4
M 5	10 52 28	14°32'52	0°39	0°20	25°33	5°48	8°36	14°12	16°22	22°11	1°35	17°37	17°57	6°40	6°47	M 5
T 6	10 56 25	15°33'16	12°31	0°24	26°43	6°35	8°42	14°17	16°26	22°13	1°34	17°37	17°54	6°46	6°46	T 6
W 7	11 0 21	16°33'38	24°26	0°18	27°53	7°22	8°48	14°22	16°29	22°16	1°33	17°37	17°51	6°53	6°46	W 7
T 8	11 4 18	17°33'58	6°28	0° 3	29° 3	8° 8	8°55	14°27	16°32	22°18	1°32	17°37	17°48	7° 0	6°45	T 8
F 9	11 8 14	18°34'16	18°41	29°38	0°13	8°55	9° 2	14°33	16°36	22°20	1°31	17°37	17°44	7° 7	6°45	F 9
S 10	11 12 11	19°34'33	1°10	29° 4	1°23	9°42	9° 9	14°38	16°39	22°22	1°30	17°37	17°41	7°13	6°44	S 10
S 11	11 16 7	20°34'48	13°46	28°23	2°33	10°28	9°16	14°43	16°43	22°25	1°30	17°37	17°38	7°20	6°44	S 11
M 12	11 20 4	21°35'00	26°42	27°34	3°42	11°15	9°24	14°49	16°46	22°27	1°29	17°37	17°35	7°27	6°44	M 12
T 13	11 24 0	22°35'12	9°52	26°41	4°51	12° 1	9°31	14°54	16°50	22°29	1°28	17°37	17°32	7°33	6°44	T 13
W 14	11 27 57	23°35'21	23°16	25°43	6° 0	12°48	9°39	15° 0	16°53	22°32	1°27	17°36	17°29	7°40	6°44	W 14
T 15	11 31 54	24°35'29	6°54	24°42	7° 9	13°34	9°46	15° 6	16°57	22°34	1°27	17°35	17°25	7°47	6°44	T 15
F 16	11 35 50	25°35'36	20°42	23°40	8°18	14°20	9°54	15°12	17° 0	22°36	1°26	17°35	17°22	7°54	6°45	F 16
S 17	11 39 47	26°35'41	4°40	22°39	9°27	15° 7	10° 2	15°18	17° 3	22°38	1°25	17°34	17°19	8° 0	6°45	S 17
S 18	11 43 43	27°35'44	18°45	21°39	10°35	15°53	10°11	15°23	17° 7	22°41	1°25	17°33	17°16	8° 7	6°45	S 18
M 19	11 47 40	28°35'46	2°56	20°42	11°44	16°39	10°19	15°29	17°10	22°43	1°24	17°33	17°13	8°14	6°46	M 19
T 20	11 51 36	29°35'47	17° 9	19°49	12°52	17°26	10°27	15°35	17°14	22°45	1°23	17°33	17°10	8°20	6°46	T 20
W 21	11 55 33	0°35'46	1°24	19° 0	14° 0	18°12	10°36	15°42	17°17	22°48	1°23	17°34	17° 6	8°27	6°47	W 21
T 22	11 59 29	1°35'43	15°36	18°18	15° 8	18°58	10°45	15°48	17°20	22°50	1°22	17°35	17° 3	8°34	6°48	T 22
F 23	12 3 26	2°35'38	29°44	17°41	16°15	19°44	10°54	15°54	17°24	22°52	1°22	17°36	17° 0	8°41	6°48	F 23
S 24	12 7 23	3°35'32	13°43	17°10	17°23	20°30	11° 3	16° 0	17°27	22°54	1°21	17°37	16°57	8°47	6°49	S 24
S 25	12 11 19	4°35'24	27°31	16°45	18°30	21°16	11°12	16° 7	17°30	22°57	1°21	17°37	16°54	8°54	6°50	S 25
M 26	12 15 16	5°35'14	11°4	16°28	19°37	22° 2	11°21	16°13	17°34	22°59	1°20	17°36	16°50	9° 1	6°51	M 26
T 27	12 19 12	6°35'02	24°21	16°16	20°44	22°48	11°30	16°19	17°37	23° 1	1°20	17°34	16°47	9° 7	6°52	T 27
W 28	12 23 9	7°34'48	7°19	16°11	21°50	23°34	11°40	16°26	17°40	23° 3	1°19	17°31	16°44	9°14	6°54	W 28
T 29	12 27 5	8°34'33	20° 1	16°12	22°57	24°20	11°50	16°32	17°44	23° 5	1°19	17°27	16°41	9°21	6°55	T 29
F 30	12 31 2	9°34'15	2°25	16°19	24° 3	25° 6	11°59	16°39	17°47	23° 8	1°19	17°24	16°38	9°28	6°56	F 30
S 31	12 34 58	10°33'54	14°36	16°31	25° 9	25°52	12°11	16°46	17°50	23°10	1°18	17°21	16°35	9°34	6°58	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	7s36	19n33	4n19	0n49	1n34	8n 8	0n 1	0n26	0s41	21n 0	0s36	13n49	2s13	6s 8	0s45	3s59
F 2	7 13	23 35	4 52	1 20	1 49	8 38	0 5	0 46	0 40	21 1	0 36	13 51	2 13	6 7	0 45	3 58
S 3	6 50	26 29	5 11	1 47	2 4	9 7	0 9	1 5	0 40	21 2	0 36	13 53	2 13	6 5	0 45	3 57
S 4	6 27	28 9	5 17	2 10	2 19	9 37	0 13	1 24	0 39	21 4	0 35	13 54	2 13	6 4	0 45	3 56
M 5	6 4	28 30	5 9	2 28	2 33	10 6	0 17	1 43	0 38	21 5	0 35	13 56	2 12	6 3	0 45	3 55
T 6	5 40	27 32	4 48	2 42	2 46	10 36	0 21	2 2	0 38	21 6	0 35	13 58	2 12	6 1	0 45	3 54
W 7	5 17	25 19	4 14	2 51	2 59	11 5	0 25	2 21	0 37	21 7	0 35	13 59	2 12	6 0	0 45	3 53
T 8	4 54	21 58	3 29	2 55	3 10	11 33	0 29	2 40	0 36	21 8	0 34	14 1	2 12	5 59	0 45	3 53
F 9	4 30	17 36	2 34	2 54	3 19	12 2	0 33	2 59	0 36	21 10	0 34	14 3	2 11	5 57	0 45	3 52
S 10	4 7	12 27	1 30	2 48	3 27	12 30	0 37	3 17	0 35	21 11	0 34	14 5	2 11	5 56	0 45	3 51
S 11	3 43	6 41	0 21	2 37	3 33	12 58	0 42	3 36	0 34	21 12	0 34	14 7	2 11	5 55	0 45	3 50
M 12	3 20	0 33	0s50	2 21	3 37	13 25	0 46	3 55	0 34	21 14	0 34	14 8	2 11	5 53	0 45	3 49
T 13	2 56	5s44	2 0	2 2	3 39	13 53	0 50	4 14	0 33	21 15	0 33	14 10	2 11	5 52	0 45	3 48
W 14	2 32	11 52	3 5	1 39	3 38	14 20	0 54	4 32	0 32	21 16	0 33	14 12	2 10	5 51	0 45	3 47
T 15	2 8	17 33	4 0	1 13	3 36	14 46	0 58	4 51	0 32	21 18	0 33	14 14	2 10	5 49	0 45	3 46
F 16	1 45	22 24	4 42	0 44	3 31	15 13	1 3	5 9	0 31	21 19	0 33	14 16	2 10	5 48	0 45	3 45
S 17	1 21	26 3	5 9	0 14	3 25	15 39	1 7	5 28	0 30	21 20	0 33	14 18	2 10	5 47	0 45	3 45
S 18	0 57	28 8	5 16	0s17	3 17	16 4	1 11	5 46	0 30	21 22	0 32	14 19	2 10	5 45	0 45	3 44
M 19	0 33	28 24	5 5	0 49	3 7	16 30	1 16	6 5	0 29	21 23	0 32	14 21	2 9	5 44	0 45	3 43
T 20	0 10	26 49	4 35	1 20	2 55	16 55	1 20	6 23	0 28	21 24	0 32	14 23	2 9	5 43	0 45	3 42
W 21	0n14	23 30	3 49	1 50	2 43	17 19	1 24	6 41	0 28	21 26	0 32	14 25	2 9	5 42	0 45	3 41
T 22	0 38	18 46	2 48	2 19	2 30	17 44	1 28	6 59	0 27	21 27	0 32	14 27	2 9	5 40	0 45	3 40
F 23	1 2	13 3	1 37	2 46	2 16	18 7	1 33	7 17	0 26	21 29	0 31	14 29	2 9	5 39	0 45	3 39
S 24	1 25	6 43	0 22	3 12	2 1	18 31	1 37	7 35	0 26	21 30	0 31	14 31	2 8	5 38	0 45	3 38
S 25	1 49	0 9	0n54	3 35	1 46	18 54	1 41	7 53	0 25	21 32	0 31	14 33	2 8	5 36	0 45	3 38
M 26	2 13	6n18	2 6	3 55	1 31	19 16	1 46	8 11	0 24	21 33	0 31	14 35	2 8	5 35	0 45	3 37
T 27	2 36	12 20	3 9	4 14	1 16	19 38	1 50	8 28	0 24	21 34	0 31	14 37	2 8	5 34	0 45	3 36
W 28	3 0	17 42	4 1	4 29	1 1	20 0	1 54	8 46	0 23	21 36	0 31	14 39	2 8	5 33	0 45	3 35
T 29	3 23	22 9	4 39	4 42	0 47	20 21	1 58	9 3	0 22	21 37	0 30	14 41	2 8	5 31	0 45	3 34
F 30	3 47	25 32	5 4	4 53	0 32	20 42	2 3	9 21	0 22	21 39	0 30	14 43	2 7	5 30	0 45	3 33
S 31	4n10	27n40	5n14	5s 1	0n18	21n 2	2n 7	9n38	0s21	21n40	0s30	14n45	2s 7	5s29	0s45	3s32

Julian Day Number = 2698873.5, Delta T = 25m32s

Ecliptic obliquity = 23°21'14, Nutation = 0°00'04

Ayanamsha: Fagan/Bradley = 34°12'48, Lahiri = 33°19'47

## ASTRODIENST EPHEMERIS for the year 2677

APRIL 2677

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 38 55	11°33'32	26°36	16°49	26°14	26°37	12°19	16°52	17°53	23°12	1°18	17°19	16°31	9°41	6°59	S 1
M 2	12 42 52	12°33'07	8°29	17°11	27°20	27°23	12°29	16°59	17°57	23°14	1°18	17°19	16°28	9°48	7° 1	M 2
T 3	12 46 48	13°32'41	20°21	17°39	28°25	28° 9	12°39	17° 6	18° 0	23°16	1°17	17°18	16°25	9°54	7° 3	T 3
W 4	12 50 45	14°32'12	2°16	18°11	29°30	28°55	12°50	17°13	18° 3	23°19	1°17	17°19	16°22	10° 1	7° 4	W 4
T 5	12 54 41	15°31'40	14°19	18°47	0°35	29°40	13° 0	17°20	18° 6	23°21	1°17	17°21	16°19	10° 8	7° 6	T 5
F 6	12 58 38	16°31'07	26°35	19°27	1°39	0°26	13°10	17°27	18° 9	23°23	1°17	17°23	16°15	10°14	7° 8	F 6
S 7	13 2 34	17°30'31	9°7	20°11	2°43	1°11	13°21	17°33	18°12	23°25	1°17	17°24	16°12	10°21	7°10	S 7
S 8	13 6 31	18°29'52	21°58	20°59	3°47	1°57	13°32	17°40	18°16	23°27	1°16	17°24	16° 9	10°28	7°12	S 8
M 9	13 10 27	19°29'12	5°9	21°49	4°50	2°42	13°42	17°48	18°19	23°29	1°16	17°23	16° 6	10°35	7°14	M 9
T 10	13 14 24	20°28'30	18°42	22°43	5°53	3°27	13°53	17°55	18°22	23°31	1°16	17°20	16° 3	10°41	7°16	T 10
W 11	13 18 21	21°27'46	2°33	23°40	6°56	4°13	14° 4	18° 2	18°25	23°33	1°16	17°16	16° 0	10°48	7°19	W 11
T 12	13 22 17	22°26'59	16°39	24°40	7°59	4°58	14°15	18° 9	18°28	23°35	1°16	17°10	15°56	10°55	7°21	T 12
F 13	13 26 14	23°26'11	0°56	25°43	9° 1	5°43	14°27	18°16	18°31	23°37	1°16	17° 5	15°53	11° 1	7°23	F 13
S 14	13 30 10	24°25'22	15°18	26°48	10° 3	6°28	14°38	18°23	18°34	23°40	1°16	17° 0	15°50	11° 8	7°26	S 14
S 15	13 34 7	25°24'30	29°40	27°55	11° 4	7°13	14°49	18°30	18°37	23°42	1°16	16°56	15°47	11°15	7°28	S 15
M 16	13 38 3	26°23'37	13°59	29° 5	12° 5	7°58	15° 1	18°38	18°40	23°44	1°16	16°53	15°44	11°22	7°31	M 16
T 17	13 42 0	27°22'42	28°10	0°17	13° 6	8°43	15°12	18°45	18°42	23°46	1°16	16°53	15°41	11°28	7°34	T 17
W 18	13 45 56	28°21'45	12°13	1°31	14° 6	9°28	15°24	18°52	18°45	23°47	1°16	16°53	15°37	11°35	7°37	W 18
T 19	13 49 53	29°20'47	26° 6	2°48	15° 6	10°13	15°35	19° 0	18°48	23°49	1°16	16°55	15°34	11°42	7°39	T 19
F 20	13 53 50	0°19'47	9°49	4° 6	16° 6	10°58	15°47	19° 7	18°51	23°51	1°16	16°56	15°31	11°48	7°42	F 20
S 21	13 57 46	1°18'45	23°21	5°26	17° 5	11°43	15°59	19°14	18°54	23°53	1°17	16°56	15°28	11°55	7°45	S 21
S 22	14 1 43	2°17'41	6°43	6°48	18° 4	12°28	16°11	19°22	18°56	23°55	1°17	16°54	15°25	12° 2	7°48	S 22
M 23	14 5 39	3°16'35	19°53	8°12	19° 2	13°13	16°23	19°29	18°59	23°57	1°17	16°50	15°21	12° 9	7°52	M 23
T 24	14 9 36	4°15'28	2°51	9°38	20° 0	13°57	16°35	19°37	19° 2	23°59	1°17	16°44	15°18	12°15	7°55	T 24
W 25	14 13 32	5°14'19	15°35	11° 6	20°57	14°42	16°47	19°44	19° 4	24° 1	1°18	16°36	15°15	12°22	7°58	W 25
T 26	14 17 29	6°13'07	28° 7	12°35	21°54	15°27	16°59	19°52	19° 7	24° 3	1°18	16°27	15°12	12°29	8° 1	T 26
F 27	14 21 25	7°11'54	10°26	14° 6	22°50	16°11	17°11	19°59	19°10	24° 4	1°18	16°17	15° 9	12°35	8° 5	F 27
S 28	14 25 22	8°10'38	22°34	15°39	23°46	16°56	17°24	20° 7	19°12	24° 6	1°18	16° 9	15° 6	12°42	8° 8	S 28
S 29	14 29 19	9° 9'21	4°32	17°13	24°41	17°40	17°36	20°14	19°15	24° 8	1°19	16° 1	15° 2	12°49	8°12	S 29
M 30	14 33 15	10°8'01	16°25	18°49	25°36	18°24	17°49	20°22	19°17	24°10	1°19	15°56	14°59	12°55	8°15	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	4n33	28n29	5n10	5s 7	0n 5	21n22	2n11	9n55	0s20	21n42	0s30	14n47	2s 7	5s27	0s45	3s32
M 2	4 57	27 57	4 53	5 10	0s 8	21 41	2 15	10 12	0 20	21 43	0 30	14 49	2 7	5 26	0 45	3 31
T 3	5 20	26 10	4 24	5 11	0 21	22 0	2 19	10 29	0 19	21 45	0 30	14 51	2 7	5 25	0 45	3 30
W 4	5 43	23 12	3 43	5 10	0 33	22 18	2 23	10 46	0 18	21 46	0 29	14 53	2 7	5 24	0 45	3 29
T 5	6 6	19 12	2 51	5 6	0 44	22 36	2 27	11 2	0 18	21 48	0 29	14 55	2 7	5 23	0 45	3 28
F 6	6 28	14 22	1 52	5 1	0 55	22 53	2 31	11 19	0 17	21 49	0 29	14 57	2 6	5 21	0 45	3 27
S 7	6 51	8 49	0 45	4 53	1 6	23 10	2 35	11 35	0 16	21 51	0 29	14 59	2 6	5 20	0 45	3 27
S 8	7 14	2 48	0s25	4 43	1 16	23 26	2 39	11 52	0 16	21 52	0 29	15 1	2 6	5 19	0 45	3 26
M 9	7 36	3s30	1 35	4 32	1 25	23 42	2 43	12 8	0 15	21 54	0 29	15 3	2 6	5 18	0 45	3 25
T 10	7 58	9 48	2 42	4 19	1 34	23 57	2 47	12 24	0 14	21 55	0 28	15 5	2 6	5 17	0 45	3 24
W 11	8 20	15 47	3 41	4 4	1 42	24 12	2 51	12 40	0 14	21 56	0 28	15 8	2 6	5 15	0 45	3 23
T 12	8 42	21 2	4 28	3 47	1 49	24 26	2 54	12 56	0 13	21 58	0 28	15 10	2 6	5 14	0 45	3 23
F 13	9 4	25 8	4 58	3 29	1 57	24 39	2 58	13 11	0 12	21 59	0 28	15 12	2 6	5 13	0 45	3 22
S 14	9 26	27 41	5 10	3 9	2 3	24 52	3 2	13 27	0 11	22 1	0 28	15 14	2 5	5 12	0 45	3 21
S 15	9 48	28 24	5 3	2 48	2 9	25 5	3 5	13 42	0 11	22 2	0 28	15 16	2 5	5 11	0 45	3 20
M 16	10 9	27 12	4 37	2 25	2 14	25 16	3 8	13 57	0 10	22 4	0 27	15 18	2 5	5 10	0 45	3 19
T 17	10 30	24 16	3 54	2 1	2 19	25 28	3 12	14 13	0 9	22 5	0 27	15 20	2 5	5 9	0 45	3 19
W 18	10 51	19 54	2 57	1 36	2 24	25 38	3 15	14 27	0 9	22 6	0 27	15 22	2 5	5 8	0 45	3 18
T 19	11 12	14 30	1 50	1 9	2 27	25 49	3 18	14 42	0 8	22 8	0 27	15 24	2 5	5 6	0 45	3 17
F 20	11 33	8 27	0 38	0 41	2 31	25 58	3 21	14 57	0 7	22 9	0 27	15 26	2 5	5 5	0 45	3 16
S 21	11 53	2 6	0n35	0 12	2 33	26 7	3 24	15 11	0 7	22 11	0 27	15 28	2 5	5 4	0 45	3 16
S 22	12 14	4n16	1 45	0n18	2 36	26 16	3 27	15 26	0 6	22 12	0 27	15 30	2 5	5 3	0 45	3 15
M 23	12 34	10 21	2 48	0 50	2 37	26 23	3 30	15 40	0 5	22 13	0 26	15 33	2 4	5 2	0 45	3 14
T 24	12 54	15 53	3 42	1 22	2 38	26 31	3 33	15 54	0 5	22 15	0 26	15 35	2 4	5 1	0 45	3 14
W 25	13 13	20 38	4 23	1 56	2 39	26 38	3 35	16 8	0 4	22 16	0 26	15 37	2 4	5 0	0 45	3 13
T 26	13 33	24 23	4 51	2 31	2 39	26 44	3 38	16 21	0 3	22 17	0 26	15 39	2 4	4 59	0 45	3 12
F 27	13 52	26 57	5 4	3 6	2 39	26 49	3 40	16 35	0 3	22 19	0 26	15 41	2 4	4 58	0 45	3 11
S 28	14 11	28 12	5 4	3 42	2 38	26 55	3 42	16 48	0 2	22 20	0 26	15 43	2 4	4 57	0 45	3 11
S 29	14 30	28 7	4 50	4 20	2 36	26 59	3 44	17 1	0 1	22 21	0 26	15 45	2 4	4 56	0 45	3 10
M 30	14n48	26n43	4n24	4n58	2s34	27n 3	3n46	17n14	0s 1	22n23	0s25	15n47	2s 4	4s55	0s45	3s 9

Julian Day Number = 2698904.5, Delta T = 25m33s

Ecliptic obliquity = 23°21'14", Nutation = 0°00'04

Ayanamsha: Fagan/Bradley = 34°12'52", Lahiri = 33°19'52



## ASTRODIENST EPHEMERIS for the year 2677

JUNE 2677

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 39 25	11 <sup>II</sup> 9°43	12 <sup>III</sup> 33	22 <sup>II</sup> 30	16 <sup>III</sup> 48	11 <sup>II</sup> 38	24 <sup>II</sup> 52	24 <sup>III</sup> 25	20 <sup>II</sup> 16	24 <sup>II</sup> 51	1 <sup>II</sup> 44	13°R 9	13 <sup>II</sup> 18	16 <sup>III</sup> 30	10 <sup>III</sup> 36	F 1
S 2	16 43 21	12° 7'28	25° 3	24°32	17° 5	12°21	25° 6	24°32	20°17	24°52	1°45	13 <sup>II</sup> 9	13°14	16°37	10°41	S 2
S 3	16 47 18	13° 5'11	7 <sup>II</sup> 56	26°32	17°20	13° 3	25°20	24°40	20°18	24°53	1°46	13° 8	13°11	16°43	10°46	S 3
M 4	16 51 15	14° 2'53	21°15	28°29	17°34	13°46	25°33	24°47	20°19	24°54	1°47	13° 4	13° 8	16°50	10°51	M 4
T 5	16 55 11	15° 0'33	5 <sup>III</sup> 4	0 <sup>III</sup> 23	17°45	14°29	25°47	24°55	20°20	24°55	1°48	12°58	13° 5	16°57	10°56	T 5
W 6	16 59 8	15°58'11	19°22	2°16	17°54	15°11	26° 1	25° 2	20°21	24°55	1°49	12°50	13° 2	17° 4	11° 1	W 6
T 7	17 3 4	16°55'49	4 <sup>II</sup> 4	4° 5	18° 1	15°53	26°15	25° 9	20°22	24°56	1°51	12°40	12°59	17°10	11° 7	T 7
F 8	17 7 1	17°53'25	19° 5	5°52	18° 5	16°36	26°29	25°16	20°23	24°57	1°52	12°29	12°55	17°17	11°12	F 8
S 9	17 10 57	18°51'00	4 <sup>III</sup> 15	7°36	18°R 7	17°18	26°43	25°24	20°23	24°57	1°53	12°18	12°52	17°24	11°17	S 9
S 10	17 14 54	19°48'35	19°22	9°17	18° 7	18° 1	26°57	25°31	20°24	24°58	1°54	12°10	12°49	17°30	11°23	S 10
M11	17 18 51	20°46'08	4 <sup>III</sup> 18	10°55	18° 5	18°43	27°11	25°38	20°25	24°58	1°55	12° 3	12°46	17°37	11°28	M11
T 12	17 22 47	21°43'40	18°55	12°30	18° 0	19°25	27°24	25°45	20°25	24°59	1°57	12° 0	12°43	17°44	11°33	T 12
W13	17 26 44	22°41'11	3 <sup>II</sup> 9	14° 2	17°53	20° 7	27°38	25°52	20°26	24°59	1°58	11°58	12°39	17°50	11°39	W13
T 14	17 30 40	23°38'42	17° 0	15°31	17°43	20°49	27°52	26° 0	20°27	25° 0	1°59	11°58	12°36	17°57	11°44	T 14
F 15	17 34 37	24°36'12	0 <sup>II</sup> 28	16°58	17°31	21°31	28° 6	26° 7	20°27	25° 0	2° 1	11°58	12°33	18° 4	11°49	F 15
S 16	17 38 33	25°33'41	13°35	18°21	17°16	22°13	28°20	26°14	20°27	25° 1	2° 2	11°57	12°30	18°11	11°55	S 16
S 17	17 42 30	26°31'10	26°25	19°41	17° 0	22°55	28°34	26°21	20°28	25° 1	2° 3	11°54	12°27	18°17	12° 0	S 17
M18	17 46 26	27°28'38	9 <sup>II</sup> 1	20°58	16°40	23°37	28°48	26°28	20°28	25° 1	2° 5	11°48	12°24	18°24	12° 6	M18
T 19	17 50 23	28°26'05	21°25	22°12	16°19	24°19	29° 2	26°35	20°28	25° 2	2° 6	11°39	12°20	18°31	12°11	T 19
W20	17 54 20	29°23'32	3 <sup>II</sup> 40	23°22	15°55	25° 1	29°16	26°41	20°29	25° 2	2° 7	11°28	12°17	18°37	12°17	W20
T 21	17 58 16	0 <sup>III</sup> 20'58	15°46	24°29	15°30	25°43	29°30	26°48	20°29	25° 2	2° 9	11°16	12°14	18°44	12°22	T 21
F 22	18 2 13	1°18'23	27°46	25°33	15° 2	26°24	29°44	26°55	20°29	25° 2	2°10	11° 3	12°11	18°51	12°28	F 22
S 23	18 6 9	2°15'48	9 <sup>III</sup> 41	26°34	14°33	27° 6	29°58	27° 2	20°29	25° 2	2°12	10°51	12° 8	18°57	12°33	S 23
S 24	18 10 6	3°13'12	21°32	27°31	14° 2	27°48	0 <sup>III</sup> 12	27° 8	20°29	25° 2	2°13	10°41	12° 5	19° 4	12°39	S 24
M25	18 14 2	4°10'35	3 <sup>II</sup> 21	28°24	13°29	28°29	0°25	27°15	20°R29	25° 3	2°14	10°33	12° 1	19°11	12°44	M25
T 26	18 17 59	5° 7'57	15°10	29°14	12°55	29°11	0°39	27°22	20°29	25° 3	2°16	10°27	11°58	19°17	12°50	T 26
W27	18 21 55	6° 5'18	27° 3	29°59	12°20	29°52	0°53	27°28	20°29	25°R 3	2°17	10°24	11°55	19°24	12°56	W27
T 28	18 25 52	7° 2'39	9 <sup>II</sup> 3	0 <sup>II</sup> 42	11°44	0 <sup>III</sup> 34	1° 7	27°35	20°29	25° 3	2°19	10°D23	11°52	19°31	13° 1	T 28
F 29	18 29 49	7°59'58	21°15	1°20	11° 7	1°15	1°21	27°41	20°29	25° 3	2°20	10°24	11°49	19°38	13° 7	F 29
S 30	18 33 45	8°57'17	3 <sup>II</sup> 44	1 <sup>II</sup> 54	10 <sup>III</sup> 29	1 <sup>III</sup> 56	1 <sup>III</sup> 35	27 <sup>II</sup> 48	20 <sup>II</sup> 29	25 <sup>II</sup> 3	2 <sup>II</sup> 22	10°R24	11 <sup>II</sup> 45	19 <sup>III</sup> 44	13 <sup>III</sup> 12	S 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	22n 2	6n53	0n 3	24n46	1n38	25n23	3n 6	22n25	0n20	22n54	0s22	16n49	2s 3	4s33	0s47	2s54
S 2	22 10	1 0	1s 2	24 59	1 44	25 15	3 0	22 32	0 20	22 54	0 21	16 51	2 3	4 33	0 47	2 54
S 3	22 17	5s 5	2 7	25 9	1 50	25 7	2 54	22 38	0 21	22 55	0 21	16 52	2 3	4 33	0 47	2 53
M 4	22 24	11 9	3 7	25 16	1 55	24 58	2 47	22 43	0 21	22 55	0 21	16 54	2 3	4 32	0 47	2 53
T 5	22 31	16 54	3 58	25 21	2 0	24 50	2 40	22 49	0 22	22 56	0 21	16 56	2 3	4 32	0 47	2 53
W 6	22 37	21 56	4 36	25 23	2 3	24 41	2 33	22 54	0 22	22 57	0 21	16 58	2 3	4 32	0 47	2 53
T 7	22 43	25 45	4 57	25 23	2 6	24 32	2 25	23 0	0 23	22 57	0 21	16 59	2 3	4 31	0 47	2 52
F 8	22 48	27 52	4 58	25 21	2 8	24 23	2 16	23 4	0 24	22 58	0 21	17 1	2 3	4 31	0 47	2 52
S 9	22 53	27 56	4 39	25 17	2 9	24 14	2 7	23 9	0 24	22 58	0 21	17 3	2 3	4 31	0 47	2 52
S 10	22 58	25 55	4 0	25 11	2 9	24 5	1 58	23 14	0 25	22 58	0 21	17 4	2 3	4 31	0 47	2 52
M11	23 2	22 7	3 5	25 3	2 9	23 56	1 48	23 18	0 25	22 59	0 21	17 6	2 3	4 30	0 47	2 51
T 12	23 6	16 59	1 59	24 53	2 7	23 46	1 38	23 22	0 26	22 59	0 20	17 8	2 4	4 30	0 47	2 51
W13	23 9	11 2	0 46	24 42	2 5	23 37	1 28	23 26	0 27	23 0	0 20	17 9	2 4	4 30	0 47	2 51
T 14	23 12	4 43	0n27	24 29	2 2	23 27	1 17	23 29	0 27	23 0	0 20	17 11	2 4	4 30	0 47	2 51
F 15	23 15	1n39	1 36	24 15	1 59	23 18	1 5	23 33	0 28	23 0	0 20	17 12	2 4	4 30	0 47	2 51
S 16	23 17	7 47	2 39	23 59	1 54	23 8	0 54	23 36	0 28	23 0	0 20	17 14	2 4	4 29	0 47	2 51
S 17	23 18	13 27	3 32	23 43	1 49	22 58	0 41	23 39	0 29	23 1	0 20	17 16	2 4	4 29	0 47	2 51
M18	23 20	18 28	4 14	23 25	1 43	22 48	0 29	23 41	0 29	23 1	0 20	17 17	2 4	4 29	0 47	2 51
T 19	23 21	22 36	4 43	23 7	1 36	22 37	0 16	23 44	0 30	23 1	0 20	17 19	2 4	4 29	0 47	2 51
W20	23 21	25 41	4 58	22 48	1 29	22 27	0 3	23 46	0 31	23 1	0 20	17 20	2 4	4 29	0 47	2 51
T 21	23 21	27 34	5 0	22 28	1 21	22 17	0s11	23 48	0 31	23 2	0 20	17 22	2 4	4 29	0 47	2 51
F 22	23 21	28 9	4 49	22 8	1 12	22 6	0 24	23 50	0 32	23 2	0 20	17 23	2 4	4 29	0 47	2 51
S 23	23 20	27 24	4 25	21 47	1 2	21 56	0 38	23 51	0 32	23 2	0 19	17 24	2 4	4 29	0 47	2 50
S 24	23 19	25 24	3 49	21 26	0 52	21 45	0 53	23 53	0 33	23 2	0 19	17 26	2 4	4 29	0 47	2 50
M25	23 17	22 19	3 4	21 5	0 41	21 34	1 7	23 54	0 33	23 2	0 19	17 27	2 4	4 29	0 47	2 50
T 26	23 15	18 18	2 10	20 43	0 29	21 23	1 21	23 55	0 34	23 2	0 19	17 29	2 5	4 29	0 48	2 50
W27	23 13	13 33	1 11	20 22	0 17	21 12	1 35	23 56	0 34	23 2	0 19	17 30	2 5	4 29	0 48	2 51
T 28	23 10	8 15	0 7	20 0	0 4	21 1	1 49	23 56	0 35	23 2	0 19	17 31	2 5	4 29	0 48	2 51
F 29	23 7	2 34	0s58	19 39	0s 9	20 50	2 4	23 56	0 35	23 2	0 19	17 33	2 5	4 29	0 48	2 51
S 30	23n 3	3s20	2s 1	19n18	0s23	20n39	2s17	23n56	0n36	23n 2	0s19	17n34	2s 5	4s30	0s48	2s51

Julian Day Number = 2698965.5, Delta T = 25m33s

Ecliptic obliquity = 23°21'13, Nutation = 0°00'04

Ayanamsha: Fagan/Bradley = 34°13'00, Lahiri = 33°20'00

## ASTRODIENST EPHEMERIS for the year 2677

JULY 2677

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 37 42	9°54'35	16°33	2°24	9°R52	2°38	1°49	27°54	20°R28	25°R 2	2°23	10°R24	11°42	19°51	13°518	S 1
M 2	18 41 38	10°51'52	29°48	2°49	9°514	3°19	2° 2	28° 0	20°R28	25°R 2	2°25	10°R22	11°39	19°58	13°24	M 2
T 3	18 45 35	11°49'09	13°32	3°10	8°37	4° 0	2°16	28° 7	20°28	25° 2	2°26	10°19	11°36	20° 4	13°29	T 3
W 4	18 49 31	12°46'25	27°45	3°27	8° 0	4°41	2°30	28°13	20°27	25° 2	2°28	10°13	11°33	20°11	13°35	W 4
T 5	18 53 28	13°43'40	12°26	3°39	7°24	5°22	2°44	28°19	20°27	25° 2	2°29	10° 6	11°30	20°18	13°41	T 5
F 6	18 57 24	14°40'55	27°28	3°46	6°49	6° 3	2°58	28°25	20°26	25° 1	2°31	9°57	11°26	20°24	13°46	F 6
S 7	19 1 21	15°38'10	12°343	3°R49	6°14	6°44	3°11	28°31	20°26	25° 1	2°32	9°50	11°23	20°31	13°52	S 7
S 8	19 5 18	16°35'24	28° 0	3°48	5°42	7°25	3°25	28°37	20°25	25° 1	2°34	9°43	11°20	20°38	13°58	S 8
M 9	19 9 14	17°32'38	13°38 9	3°41	5°10	8° 6	3°39	28°43	20°24	25° 0	2°35	9°38	11°17	20°44	14° 3	M 9
T 10	19 13 11	18°29'52	27°59	3°31	4°41	8°47	3°52	28°49	20°24	25° 0	2°37	9°36	11°14	20°51	14° 9	T 10
W 11	19 17 7	19°27'05	12°26	3°16	4°13	9°28	4° 6	28°55	20°23	25° 0	2°39	9°D35	11°11	20°58	14°14	W 11
T 12	19 21 4	20°24'19	26°27	2°56	3°48	10° 9	4°20	29° 1	20°22	24°59	2°40	9°36	11° 7	21° 5	14°20	T 12
F 13	19 25 0	21°21'33	10°Y 1	2°33	3°24	10°49	4°33	29° 6	20°21	24°59	2°42	9°37	11° 4	21°11	14°26	F 13
S 14	19 28 57	22°18'47	23°11	2° 7	3° 3	11°30	4°47	29°12	20°20	24°58	2°43	9°R38	11° 1	21°18	14°31	S 14
S 15	19 32 54	23°16'01	5°59	1°37	2°44	12°11	5° 0	29°17	20°19	24°58	2°45	9°37	10°58	21°25	14°37	S 15
M 16	19 36 50	24°13'16	18°30	1° 5	2°27	12°51	5°14	29°23	20°18	24°57	2°46	9°34	10°55	21°31	14°42	M 16
T 17	19 40 47	25°10'31	0°46	0°30	2°13	13°32	5°27	29°28	20°17	24°56	2°48	9°30	10°51	21°38	14°48	T 17
W 18	19 44 43	26° 7'46	12°53	29°53	2° 1	14°12	5°41	29°34	20°16	24°56	2°50	9°23	10°48	21°45	14°54	W 18
T 19	19 48 40	27° 5'01	24°51	29°16	1°51	14°53	5°54	29°39	20°15	24°55	2°51	9°16	10°45	21°51	14°59	T 19
F 20	19 52 36	28° 2'17	6°45	28°38	1°44	15°33	6° 8	29°44	20°14	24°54	2°53	9° 8	10°42	21°58	15° 5	F 20
S 21	19 56 33	28°59'32	18°35	28° 0	1°39	16°14	6°21	29°49	20°13	24°54	2°54	9° 1	10°39	22° 5	15°10	S 21
S 22	20 0 29	29°56'48	0°25	27°23	1°37	16°54	6°34	29°54	20°12	24°53	2°56	8°55	10°36	22°11	15°16	S 22
M 23	20 4 26	0°54'04	12°16	26°47	1°D37	17°34	6°47	29°59	20°10	24°52	2°58	8°50	10°32	22°18	15°21	M 23
T 24	20 8 23	1°51'21	24° 9	26°14	1°39	18°14	7° 1	0°II 4	20° 9	24°51	2°59	8°47	10°29	22°25	15°27	T 24
W 25	20 12 19	2°48'37	6°7	25°43	1°44	18°55	7°14	0° 9	20° 8	24°51	3° 1	8°D46	10°26	22°32	15°32	W 25
T 26	20 16 16	3°45'53	18°14	25°15	1°50	19°35	7°27	0°14	20° 6	24°50	3° 3	8°46	10°23	22°38	15°38	T 26
F 27	20 20 12	4°43'10	0°32	24°52	1°59	20°15	7°40	0°19	20° 5	24°49	3° 4	8°48	10°20	22°45	15°43	F 27
S 28	20 24 9	5°40'26	13° 4	24°32	2°10	20°55	7°53	0°23	20° 3	24°48	3° 6	8°49	10°17	22°52	15°49	S 28
S 29	20 28 5	6°37'43	25°54	24°17	2°23	21°35	8° 6	0°28	20° 2	24°47	3° 7	8°51	10°13	22°58	15°54	S 29
M 30	20 32 2	7°35'00	9°7	24° 8	2°38	22°15	8°19	0°32	20° 0	24°46	3° 9	8°R51	10°10	23° 5	16° 0	M 30
T 31	20 35 58	8°32'17	22°44	24°D 3	2°54	22°55	8°32	0°II37	19°H59	24°H45	3°D11	8°H50	10°H 7	23°512	16°5	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	22n59	9s16	3s 1	18n57	0s37	20n29	2s31	23n56	0n37	23n 2	0s19	17n35	2s 5	4s30	0s48	S 1
M 2	22 55	14 59	3 53	18 37	0 52	20 18	2 45	23 56	0 37	23 2	0 19	17 37	2 5	4 30	0 48	M 2
T 3	22 50	20 11	4 33	18 17	1 7	20 7	2 58	23 55	0 38	23 1	0 19	17 38	2 5	4 30	0 48	T 3
W 4	22 45	24 26	4 58	17 58	1 23	19 57	3 10	23 54	0 38	23 1	0 19	17 39	2 5	4 30	0 48	W 4
T 5	22 39	27 15	5 5	17 40	1 38	19 47	3 23	23 53	0 39	23 1	0 18	17 41	2 5	4 30	0 48	T 5
F 6	22 33	28 11	4 51	17 23	1 54	19 37	3 34	23 52	0 39	23 1	0 18	17 42	2 6	4 31	0 48	F 6
S 7	22 26	27 1	4 17	17 7	2 10	19 27	3 46	23 51	0 40	23 1	0 18	17 43	2 6	4 31	0 48	S 7
S 8	22 20	23 49	3 24	16 52	2 26	19 18	3 56	23 49	0 40	23 0	0 18	17 44	2 6	4 31	0 48	S 8
M 9	22 12	19 0	2 17	16 38	2 42	19 9	4 7	23 47	0 41	23 0	0 18	17 45	2 6	4 31	0 48	M 9
T 10	22 5 13	6 1	1 2	16 25	2 58	19 0	4 16	23 45	0 41	23 0	0 18	17 46	2 6	4 32	0 48	T 10
W 11	21 57	6 38	0n15	16 13	3 13	18 52	4 25	23 43	0 42	23 0	0 18	17 48	2 6	4 32	0 48	W 11
T 12	21 49	0 2	1 30	16 3	3 28	18 45	4 34	23 40	0 42	22 59	0 18	17 49	2 6	4 32	0 48	T 12
F 13	21 40	6n21	2 37	15 54	3 42	18 37	4 41	23 37	0 43	22 59	0 18	17 50	2 6	4 33	0 48	F 13
S 14	21 31	12 16	3 33	15 47	3 56	18 31	4 49	23 35	0 43	22 58	0 18	17 51	2 7	4 33	0 48	S 14
S 15	21 21	17 31	4 17	15 41	4 8	18 24	4 55	23 31	0 44	22 58	0 18	17 52	2 7	4 34	0 48	S 15
M 16	21 12	21 53	4 48	15 37	4 20	18 19	5 1	23 28	0 44	22 58	0 18	17 53	2 7	4 34	0 48	M 16
T 17	21 1	25 12	5 5	15 35	4 30	18 14	5 7	23 25	0 45	22 57	0 17	17 54	2 7	4 34	0 48	T 17
W 18	20 51	27 21	5 8	15 34	4 39	18 9	5 11	23 21	0 45	22 57	0 17	17 55	2 7	4 35	0 48	W 18
T 19	20 40	28 12	4 57	15 34	4 46	18 5	5 16	23 17	0 46	22 56	0 17	17 56	2 7	4 35	0 48	T 19
F 20	20 29	27 44	4 34	15 36	4 52	18 1	5 20	23 13	0 46	22 56	0 17	17 57	2 7	4 36	0 48	F 20
S 21	20 17	26 0	3 59	15 39	4 56	17 58	5 23	23 9	0 47	22 55	0 17	17 58	2 7	4 36	0 48	S 21
S 22	20 5 23	8 3	3 13	15 43	4 59	17 55	5 26	23 4	0 47	22 54	0 17	17 59	2 8	4 37	0 48	S 22
M 23	19 53	19 17	2 19	15 49	5 0	17 53	5 28	22 59	0 48	22 54	0 17	18 0	2 8	4 37	0 48	M 23
T 24	19 41	14 40	1 19	15 56	4 59	17 51	5 30	22 55	0 48	22 53	0 17	18 0	2 8	4 38	0 49	T 24
W 25	19 28	9 27	0 14	16 4	4 57	17 49	5 31	22 50	0 49	22 53	0 17	18 1	2 8	4 38	0 49	W 25
T 26	19 14	3 51	0s51	16 13	4 53	17 48	5 32	22 44	0 49	22 52	0 17	18 2	2 8	4 39	0 49	T 26
F 27	19 1	1s59	1 56	16 22	4 47	17 48	5 33	22 39	0 49	22 51	0 17	18 3	2 8	4 40	0 49	F 27
S 28	18 47	7 51	2 57	16 32	4 40	17 47	5 33	22 33	0 50	22 51	0 17	18 4	2 9	4 40	0 49	S 28
S 29	18 33	13 32	3 50	16 43	4 32	17 47	5 33	22 28	0 50	22 50	0 17	18 5	2 9	4 41	0 49	S 29
M 30	18 19	18 47	4 32	16 54	4 22	17 47	5 32	22 22	0 51	22 49	0 16	18 5	2 9	4 41	0 49	M 30
T 31	18n 4	23s14	5s 1	17n 5	4s12	17n48	5s31	22n15	0n51	22n48	0s16	18n 6	2s 9	4s42	0s49	T 31

Julian Day Number = 2698995.5, Delta T = 25m34s

Ecliptic obliquity = 23°21'13, Nutation = 0°00'06

Ayanamsha: Fagan/Bradley = 34°13'04, Lahiri = 33°20'04

## ASTRODIENST EPHEMERIS for the year 2677

AUGUST 2677

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 39 55	9♂29°34	6♂48	24♂ 4	3♂13	23♂35	8♂45	0♂41	19°R57	24°R44	3♂12	8°R48	10♂ 4	23♂18	16♂10	W 1
T 2	20 43 52	10°26'52	21°16	24°10	3°34	24°15	8°58	0°45	19°R56	24°R43	3°14	8°R45	10° 1	23°25	16°16	T 2
F 3	20 47 48	11°24'10	6♂ 6	24°23	3°56	24°55	9°10	0°49	19°54	24°42	3°15	8°41	9°57	23°32	16°21	F 3
S 4	20 51 45	12°21'28	21°11	24°41	4°20	25°34	9°23	0°53	19°52	24°41	3°17	8°38	9°54	23°38	16°26	S 4
S 5	20 55 41	13°18'47	6♂21	25° 5	4°45	26°14	9°36	0°57	19°50	24°40	3°19	8°35	9°51	23°45	16°32	S 5
M 6	20 59 38	14°16'06	21°28	25°35	5°13	26°54	9°48	1° 1	19°49	24°38	3°20	8°33	9°48	23°52	16°37	M 6
T 7	21 3 34	15°13'26	6♂23	26°11	5°41	27°33	10° 1	1° 5	19°47	24°37	3°22	8°D32	9°45	23°58	16°42	T 7
W 8	21 7 31	16°10'46	20°57	26°53	6°11	28°13	10°13	1° 9	19°45	24°36	3°23	8°33	9°42	24° 5	16°47	W 8
T 9	21 11 27	17° 8'08	5♂ 6	27°40	6°43	28°53	10°26	1°12	19°43	24°35	3°25	8°34	9°38	24°12	16°52	T 9
F 10	21 15 24	18° 5'30	18°48	28°34	7°16	29°32	10°38	1°16	19°41	24°34	3°26	8°35	9°35	24°19	16°57	F 10
S 11	21 19 21	19° 2'53	2♂ 4	29°33	7°50	0♂12	10°50	1°19	19°39	24°32	3°28	8°36	9°32	24°25	17° 3	S 11
S 12	21 23 17	20° 0'18	14°56	0♂38	8°26	0°51	11° 2	1°23	19°37	24°31	3°29	8°R37	9°29	24°32	17° 8	S 12
M13	21 27 14	20°57'43	27°28	1°48	9° 3	1°31	11°15	1°26	19°35	24°30	3°31	8°37	9°26	24°39	17°13	M13
T 14	21 31 10	21°55'10	9♂43	3° 4	9°41	2°10	11°27	1°29	19°33	24°29	3°33	8°36	9°23	24°45	17°18	T 14
W15	21 35 7	22°52'38	21°46	4°25	10°20	2°49	11°39	1°32	19°31	24°27	3°34	8°35	9°19	24°52	17°23	W15
T 16	21 39 3	23°50'07	3♂42	5°50	11° 0	3°29	11°51	1°35	19°29	24°26	3°36	8°33	9°16	24°59	17°28	T 16
F 17	21 43 0	24°47'38	15°32	7°21	11°41	4° 8	12° 2	1°38	19°27	24°25	3°37	8°31	9°13	25° 5	17°32	F 17
S 18	21 46 56	25°45'09	27°22	8°56	12°24	4°47	12°14	1°41	19°25	24°23	3°39	8°29	9°10	25°12	17°37	S 18
S 19	21 50 53	26°42'41	9♂13	10°35	13° 7	5°26	12°26	1°43	19°23	24°22	3°40	8°27	9° 7	25°19	17°42	S 19
M20	21 54 50	27°40'15	21° 8	12°18	13°51	6° 5	12°38	1°46	19°21	24°20	3°42	8°26	9° 3	25°25	17°47	M20
T 21	21 58 46	28°37'49	3♂ 9	14° 4	14°36	6°45	12°49	1°48	19°18	24°19	3°43	8°D25	9° 0	25°32	17°52	T 21
W22	22 2 43	29°35'25	15°19	15°54	15°22	7°24	13° 1	1°51	19°16	24°17	3°45	8°25	8°57	25°39	17°56	W22
T 23	22 6 39	0♂33'01	27°38	17°46	16° 9	8° 3	13°12	1°53	19°14	24°16	3°46	8°26	8°54	25°45	18° 1	T 23
F 24	22 10 36	1°30'39	10♂ 9	19°41	16°56	8°42	13°23	1°55	19°12	24°15	3°48	8°27	8°51	25°52	18° 6	F 24
S 25	22 14 32	2°28'17	22°53	21°38	17°45	9°21	13°35	1°57	19°10	24°13	3°49	8°27	8°48	25°59	18°10	S 25
S 26	22 18 29	3°25'57	5♂53	23°36	18°34	10° 0	13°46	1°59	19° 7	24°12	3°50	8°28	8°44	26° 5	18°15	S 26
M27	22 22 25	4°23'38	19°11	25°36	19°23	10°38	13°57	2° 1	19° 5	24°10	3°52	8°28	8°41	26°12	18°19	M27
T 28	22 26 22	5°21'19	2♂47	27°36	20°14	11°17	14° 8	2° 3	19° 3	24° 8	3°53	8°R28	8°38	26°19	18°24	T 28
W29	22 30 19	6°19'02	16°42	29°38	21° 5	11°56	14°19	2° 5	19° 0	24° 7	3°55	8°28	8°35	26°25	18°28	W29
T 30	22 34 15	7°16'45	0♂56	1♂39	21°57	12°35	14°29	2° 6	18°58	24° 5	3°56	8°28	8°32	26°32	18°32	T 30
F 31	22 38 12	8♂14'30	15♂27	3♂40	22♂49	13♂14	14♂40	2♂ 8	18°R56	24°R 4	3♂57	8°D28	8°R29	26♂39	18♂37	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
W 1	17n49	26s30	5s13	17n17	4s 0	17n49	5s30	22n 9	0n52	22n48	0s16	18n 7	2s 9	4s43	0s49	2s59
T 2	17 33	28 9	5 6	17 28	3 48	17 50	5 29	22 3	0 52	22 47	0 16	18 7	2 9	4 43	0 49	3 0
F 3	17 18	27 51	4 38	17 39	3 34	17 51	5 27	21 56	0 53	22 46	0 16	18 8	2 10	4 44	0 49	3 0
S 4	17 2	25 30	3 51	17 49	3 21	17 52	5 25	21 49	0 53	22 45	0 16	18 9	2 10	4 45	0 49	3 0
S 5	16 46	21 19	2 48	17 59	3 6	17 53	5 23	21 42	0 54	22 45	0 16	18 9	2 10	4 46	0 49	3 1
M 6	16 29	15 45	1 33	18 9	2 51	17 55	5 21	21 35	0 54	22 44	0 16	18 10	2 10	4 46	0 49	3 1
T 7	16 13	9 19	0 12	18 17	2 36	17 56	5 18	21 28	0 54	22 43	0 16	18 11	2 10	4 47	0 49	3 2
W 8	15 56	2 32	1n 8	18 24	2 21	17 58	5 15	21 20	0 55	22 42	0 16	18 11	2 10	4 48	0 49	3 2
T 9	15 39	4n11	2 21	18 30	2 5	17 59	5 12	21 13	0 55	22 41	0 16	18 12	2 11	4 48	0 49	3 3
F 10	15 21	10 29	3 24	18 35	1 49	18 1	5 9	21 5	0 56	22 40	0 16	18 12	2 11	4 49	0 49	3 3
S 11	15 4	16 7	4 14	18 38	1 34	18 2	5 6	20 57	0 56	22 39	0 16	18 13	2 11	4 50	0 49	3 4
S 12	14 46	20 52	4 49	18 40	1 18	18 4	5 2	20 49	0 57	22 38	0 16	18 13	2 11	4 51	0 49	3 4
M13	14 27	24 33	5 10	18 40	1 3	18 5	4 58	20 41	0 57	22 37	0 15	18 14	2 11	4 52	0 49	3 5
T 14	14 9	27 2	5 16	18 37	0 48	18 6	4 54	20 32	0 57	22 36	0 15	18 14	2 12	4 52	0 49	3 6
W15	13 51	28 13	5 7	18 33	0 34	18 8	4 50	20 24	0 58	22 35	0 15	18 15	2 12	4 53	0 49	3 6
T 16	13 32	28 4	4 46	18 26	0 20	18 9	4 46	20 15	0 58	22 35	0 15	18 15	2 12	4 54	0 49	3 7
F 17	13 13	26 38	4 12	18 16	0 6	18 9	4 42	20 6	0 59	22 34	0 15	18 15	2 12	4 55	0 49	3 7
S 18	12 53	24 1	3 28	18 5	0n 7	18 10	4 38	19 57	0 59	22 33	0 15	18 16	2 12	4 56	0 49	3 8
S 19	12 34	20 22	2 35	17 50	0 19	18 10	4 33	19 48	1 0	22 32	0 15	18 16	2 12	4 57	0 49	3 8
M20	12 14	15 54	1 34	17 33	0 31	18 11	4 29	19 39	1 0	22 31	0 15	18 16	2 13	4 57	0 49	3 9
T 21	11 55	10 46	0 29	17 13	0 42	18 11	4 24	19 30	1 0	22 29	0 15	18 17	2 13	4 58	0 49	3 10
W22	11 35	5 11	0s38	16 51	0 52	18 10	4 20	19 20	1 1	22 28	0 15	18 17	2 13	4 59	0 49	3 10
T 23	11 14	0s40	1 45	16 26	1 1	18 10	4 15	19 11	1 1	22 27	0 15	18 17	2 13	5 0	0 49	3 11
F 24	10 54	6 34	2 47	15 58	1 10	18 9	4 10	19 1	1 2	22 26	0 15	18 18	2 13	5 1	0 49	3 11
S 25	10 33	12 19	3 42	15 28	1 17	18 8	4 5	18 51	1 2	22 25	0 15	18 18	2 14	5 2	0 49	3 12
S 26	10 13	17 38	4 28	14 55	1 24	18 7	4 0	18 41	1 2	22 24	0 15	18 18	2 14	5 3	0 49	3 13
M27	9 52	22 15	5 0	14 21	1 29	18 5	3 55	18 31	1 3	22 23	0 14	18 18	2 14	5 4	0 49	3 13
T 28	9 31	25 48	5 16	13 44	1 34	18 3	3 50	18 20	1 3	22 22	0 14	18 18	2 14	5 5	0 49	3 14
W29	9 10	27 54	5 14	13 6	1 38	18 0	3 45	18 10	1 4	22 21	0 14	18 18	2 14	5 5	0 49	3 14
T 30	8 48	28 14	4 53	12 26	1 41	17 58	3 39	18 0	1 4	22 20	0 14	18 18	2 15	5 6	0 49	3 15
F 31	8n27	26s40	4s14	11n44	1n43	17n55	3s34	17n49	1n 4	22n19	0s14	18n19	2s15	5s 7	0s49	3s16

Julian Day Number = 2699026.5, Delta T = 25m34s

Ecliptic obliquity = 23°21'13, Nutation = 0°00'07

Ayanamsha: Fagan/Bradley = 34°13'09, Lahiri = 33°20'09

## ASTRODIENST EPHEMERIS for the year 2677

SEPTEMBER 2677

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 42 8	9 <sup>h</sup> 12'16"	0 <sup>h</sup> 11'	5 <sup>h</sup> 41'	23 <sup>h</sup> 42'	13 <sup>h</sup> 52'	14 <sup>h</sup> 51'	2 <sup>h</sup> 11' 9	18 <sup>h</sup> R53	24 <sup>h</sup> R 2	3 <sup>h</sup> 59'	8 <sup>h</sup> 28'	8 <sup>h</sup> 25'	26 <sup>h</sup> 46'	18 <sup>h</sup> 41'	S 1
S 2	22 46 5	10°10'02"	15° 2'	7°42'	24°36'	14°31'	15° 1'	2°10'	18 <sup>h</sup> 51'	24 <sup>h</sup> 1 1	4° 0'	8°28'	8°22'	26°52'	18°45'	S 2
M 3	22 50 1	11° 7'50"	29°53'	9°42'	25°30'	15° 9'	15°12'	2°12'	18°49'	23°59'	4° 2'	8°28'	8°19'	26°59'	18°49'	M 3
T 4	22 53 58	12° 5'39"	14 <sup>h</sup> 36'	11°41'	26°25'	15°48'	15°22'	2°13'	18°46'	23°57'	4° 3'	8°R28	8°16'	27° 6'	18°53'	T 4
W 5	22 57 54	13° 3'30"	29° 4'	13°39'	27°20'	16°27'	15°32'	2°14'	18°44'	23°56'	4° 4'	8°28'	8°13'	27°12'	18°57'	W 5
T 6	23 1 51	14° 1'22"	13 <sup>h</sup> 13'	15°37'	28°16'	17° 5'	15°42'	2°15'	18°42'	23°54'	4° 5'	8°28'	8° 9'	27°19'	19° 1'	T 6
F 7	23 5 48	14°59'16"	26°58'	17°33'	29°12'	17°44'	15°52'	2°15'	18°39'	23°53'	4° 7'	8°27'	8° 6'	27°26'	19° 5'	F 7
S 8	23 9 44	15°57'12"	10 <sup>h</sup> 19'	19°28'	0 <sup>h</sup> 9'	18°22'	16° 2'	2°16'	18°37'	23°51'	4° 8'	8°26'	8° 3'	27°32'	19° 9'	S 8
S 9	23 13 41	16°55'09"	23°16'	21°22'	1° 6'	19° 0'	16°12'	2°16'	18°34'	23°49'	4° 9'	8°25'	8° 0'	27°39'	19°13'	S 9
M10	23 17 37	17°53'08"	5 <sup>h</sup> 11'	23°14'	2° 4'	19°39'	16°22'	2°17'	18°32'	23°48'	4°10'	8°25'	7°57'	27°46'	19°17'	M10
T 11	23 21 34	18°51'09"	18° 8'	25° 6'	3° 2'	20°17'	16°31'	2°17'	18°30'	23°46'	4°12'	8°D24	7°54'	27°52'	19°20'	T 11
W12	23 25 30	19°49'12"	0 <sup>h</sup> 12'	26°56'	4° 1'	20°55'	16°41'	2°17'	18°27'	23°44'	4°13'	8°25'	7°50'	27°59'	19°24'	W12
T 13	23 29 27	20°47'17"	12° 6'	28°45'	5° 0'	21°34'	16°50'	2°18'	18°25'	23°43'	4°14'	8°25'	7°47'	28° 6'	19°28'	T 13
F 14	23 33 23	21°45'23"	23°56'	0 <sup>h</sup> 33'	6° 0'	22°12'	16°59'	2°R18	18°22'	23°41'	4°15'	8°26'	7°44'	28°12'	19°31'	F 14
S 15	23 37 20	22°43'32"	5 <sup>h</sup> 47'	2°19'	7° 0'	22°50'	17° 9'	2°17'	18°20'	23°39'	4°16'	8°28'	7°41'	28°19'	19°35'	S 15
S 16	23 41 17	23°41'42"	17°41'	4° 4'	8° 0'	23°28'	17°17'	2°17'	18°18'	23°38'	4°18'	8°29'	7°38'	28°26'	19°38'	S 16
M17	23 45 13	24°39'54"	29°42'	5°48'	9° 0'	24° 6'	17°26'	2°17'	18°15'	23°36'	4°19'	8°30'	7°34'	28°32'	19°41'	M17
T 18	23 49 10	25°38'08"	11 <sup>h</sup> 53'	7°31'	10° 1'	24°44'	17°35'	2°16'	18°13'	23°35'	4°20'	8°R30	7°31'	28°39'	19°45'	T 18
W19	23 53 6	26°36'23"	24°17'	9°13'	11° 3'	25°22'	17°44'	2°16'	18°11'	23°33'	4°21'	8°29'	7°28'	28°46'	19°48'	W19
T 20	23 57 3	27°34'41"	6 <sup>h</sup> 54'	10°54'	12° 4'	26° 0'	17°52'	2°15'	18° 8'	23°31'	4°22'	8°28'	7°25'	28°52'	19°51'	T 20
F 21	0 0 59	28°33'00"	19°45'	12°33'	13° 6'	26°38'	18° 1'	2°15'	18° 6'	23°30'	4°23'	8°25'	7°22'	28°59'	19°54'	F 21
S 22	0 4 56	29°31'20"	2 <sup>h</sup> 50'	14°11'	14° 9'	27°16'	18° 9'	2°14'	18° 4'	23°28'	4°24'	8°22'	7°19'	29° 6'	19°57'	S 22
S 23	0 8 52	0 <sup>h</sup> 29'43"	16° 9'	15°49'	15°11'	27°54'	18°17'	2°13'	18° 1'	23°26'	4°25'	8°19'	7°15'	29°12'	20° 0'	S 23
M24	0 12 49	1°28'07"	29°41'	17°25'	16°14'	28°32'	18°25'	2°12'	17°59'	23°25'	4°26'	8°16'	7°12'	29°19'	20° 3'	M24
T 25	0 16 45	2°26'33"	13 <sup>h</sup> 25'	19° 0'	17°18'	29°10'	18°33'	2°11'	17°57'	23°23'	4°27'	8°14'	7° 9'	29°26'	20° 6'	T 25
W26	0 20 42	3°25'00"	27°21'	20°33'	18°21'	29°48'	18°40'	2° 9'	17°54'	23°21'	4°28'	8°D13	7° 6'	29°32'	20° 8'	W26
T 27	0 24 39	4°23'28"	11 <sup>h</sup> 32'	22° 6'	19°25'	0 <sup>h</sup> 25'	18°48'	2° 8'	17°52'	23°20'	4°29'	8°13'	7° 3'	29°39'	20°11'	T 27
F 28	0 28 35	5°21'59"	25°41'	23°38'	20°29'	1° 3'	18°55'	2° 6'	17°50'	23°18'	4°30'	8°14'	7° 0'	29°46'	20°14'	F 28
S 29	0 32 32	6°20'31"	10 <sup>h</sup> 33'	25° 9'	21°33'	1°41'	19° 3'	2° 5'	17°48'	23°17'	4°31'	8°15'	6°56'	29°52'	20°16'	S 29
S 30	0 36 28	7 <sup>h</sup> 19'04"	24 <sup>h</sup> 28'	26 <sup>h</sup> 38'	22 <sup>h</sup> 38'	2 <sup>h</sup> 18'	19°510	2 <sup>h</sup> 11' 3	17 <sup>h</sup> 45'	23 <sup>h</sup> 15'	4 <sup>h</sup> 31'	8 <sup>h</sup> 16'	6 <sup>h</sup> 53'	29°59'	20°519	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	8n 5	23s15	3s17	11n 1	1n45	17n51	3s29	17n38	1n 5	22n18	0s14	18n19	2s15	5s 8	0s49	3s16	1s 0
S 2	7 44	18 17	2 7	10 17	1 45	17 47	3 24	17 27	1 5	22 17	0 14	18 19	2 15	5 9	0 49	3 17	1 0
M 3	7 22	12 13	0 48	9 32	1 45	17 43	3 18	17 16	1 5	22 16	0 14	18 19	2 15	5 10	0 49	3 18	1 0
T 4	7 0	5 31	0n34	8 46	1 45	17 38	3 13	17 5	1 6	22 15	0 14	18 19	2 16	5 11	0 49	3 18	1 0
W 5	6 38	1n21	1 52	8 0	1 43	17 33	3 7	16 54	1 6	22 13	0 14	18 19	2 16	5 12	0 49	3 19	1 0
T 6	6 16	7 59	3 1	7 13	1 41	17 28	3 2	16 43	1 7	22 12	0 14	18 19	2 16	5 13	0 49	3 20	1 0
F 7	5 54	14 3	3 58	6 25	1 39	17 22	2 56	16 32	1 7	22 11	0 14	18 19	2 16	5 14	0 49	3 20	1 0
S 8	5 31	19 17	4 40	5 38	1 36	17 16	2 51	16 20	1 7	22 10	0 14	18 19	2 16	5 15	0 49	3 21	1 0
S 9	5 9	23 27	5 6	4 50	1 32	17 9	2 46	16 9	1 8	22 9	0 14	18 19	2 17	5 16	0 49	3 22	1 0
M10	4 46	26 24	5 17	4 2	1 28	17 2	2 40	15 57	1 8	22 8	0 13	18 18	2 17	5 17	0 49	3 22	1 0
T 11	4 24	28 1	5 12	3 14	1 24	16 54	2 35	15 45	1 8	22 7	0 13	18 18	2 17	5 18	0 49	3 23	1 0
W12	4 1	28 16	4 54	2 26	1 19	16 46	2 29	15 33	1 9	22 6	0 13	18 18	2 17	5 18	0 49	3 24	1 0
T 13	3 38	27 11	4 24	1 38	1 14	16 37	2 24	15 21	1 9	22 5	0 13	18 18	2 17	5 19	0 49	3 24	1 0
F 14	3 15	24 53	3 42	0 50	1 9	16 28	2 18	15 9	1 9	22 4	0 13	18 18	2 18	5 20	0 49	3 25	1 0
S 15	2 53	21 32	2 51	0 3	1 3	16 19	2 13	14 57	1 10	22 3	0 13	18 18	2 18	5 21	0 49	3 26	1 0
S 16	2 30	17 16	1 53	0s44	0 57	16 9	2 7	14 45	1 10	22 1	0 13	18 17	2 18	5 22	0 49	3 26	1 0
M17	2 7	12 18	0 48	1 31	0 51	15 59	2 2	14 33	1 11	22 0	0 13	18 17	2 18	5 23	0 49	3 27	1 0
T 18	1 44	6 47	0s19	2 18	0 44	15 48	1 56	14 21	1 11	21 59	0 13	18 17	2 18	5 24	0 49	3 27	1 0
W19	1 21	0 57	1 26	3 4	0 38	15 37	1 51	14 8	1 11	21 58	0 13	18 16	2 19	5 25	0 49	3 28	1 0
T 20	0 58	5s 2	2 30	3 49	0 31	15 25	1 46	13 56	1 12	21 57	0 13	18 16	2 19	5 26	0 49	3 29	1 0
F 21	0 34	10 55	3 28	4 34	0 24	15 13	1 40	13 43	1 12	21 56	0 13	18 16	2 19	5 27	0 49	3 29	1 0
S 22	0 11	16 25	4 16	5 19	0 17	15 1	1 35	13 30	1 12	21 55	0 13	18 15	2 19	5 28	0 49	3 30	1 0
S 23	0s12	21 15	4 51	6 3	0 10	14 48	1 30	13 18	1 13	21 54	0 13	18 15	2 19	5 29	0 49	3 31	1 0
M24	0 35	25 4	5 11	6 47	0 2	14 34	1 24	13 5	1 13	21 53	0 12	18 15	2 20	5 29	0 49	3 31	1 0
T 25	0 58	27 30	5 13	7 29	0s 5	14 20	1 19	12 52	1 13	21 52	0 12	18 14	2 20	5 30	0 49	3 32	1 0
W26	1 21	28 17	4 57	8 12	0 13	14 6	1 14	12 39	1 14	21 51	0 12	18 14	2 20	5 31	0 49	3 33	1 0
T 27	1 44	27 14	4 23	8 54	0 20	13 51	1 9	12 26	1 14	21 50	0 12	18 13	2 20	5 32	0 49	3 33	1 0
F 28	2 7	24 25	3 33	9 35	0 28	13 36	1 4	12 13	1 14	21 49	0 12	18 13	2 20	5 33	0 49	3 34	1 0
S 29	2 31	20 3	2 29	10 15	0 35	13 21	0 58	12 0	1 15	21 48	0 12	18 13	2 20	5 34	0 49	3 35	1 0
S 30	2s54	14s30	1s15	10s55	0s43	13n 5	0s53	11n47	1n15	21n47	0s12	18n12	2s21	5s35	0s49	3s35	1s 0

Julian Day Number = 2699057.5, Delta T = 25m34s

Ecliptic obliquity = 23°21'13", Nutation = 0°00'07"

Ayanamsha: Fagan/Bradley = 34°13'13", Lahiri = 33°20'13"

## ASTRODIENST EPHEMERIS for the year 2677

OCTOBER 2677

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 40 25	8♂17'39	8♂53	28♂7	23♂43	2♂56	19♂17	2°R 1	17°R43	23°R13	4♂32	8°R17	6♂50	0♂6	20♂21	M 1
T 2	0 44 21	9°16'15	23°13	29°35	24°48	3°33	19°24	2♂0	17°41	23°12	4°33	8°16	6°47	0°12	20°23	T 2
W 3	0 48 18	10°14'54	7°V24	1♂1	25°53	4°11	19°30	1°58	17°39	23°10	4°34	8°14	6°44	0°19	20°25	W 3
T 4	0 52 14	11°13'34	21°20	2°26	26°59	4°48	19°37	1°55	17°37	23°9	4°35	8°10	6°40	0°26	20°28	T 4
F 5	0 56 11	12°12'17	4♂59	3°51	28°5	5°26	19°43	1°53	17°35	23°7	4°35	8°5	6°37	0°32	20°30	F 5
S 6	1 0 8	13°11'01	18°16	5°14	29°11	6°3	19°49	1°51	17°32	23°6	4°36	7°59	6°34	0°39	20°32	S 6
S 7	1 4 4	14°9'48	1♂13	6°36	0♂17	6°40	19°55	1°49	17°30	23°4	4°37	7°53	6°31	0°46	20°34	S 7
M 8	1 8 1	15°8'36	13°49	7°56	1°24	7°18	20°1	1°46	17°28	23°3	4°38	7°48	6°28	0°52	20°35	M 8
T 9	1 11 57	16°7'28	26°8	9°16	2°30	7°55	20°7	1°44	17°26	23°1	4°38	7°45	6°25	0°59	20°37	T 9
W10	1 15 54	17°6'21	8♂12	10°34	3°37	8°32	20°13	1°41	17°24	23°0	4°39	7°43	6°21	1°6	20°39	W10
T 11	1 19 50	18°5'16	20°7	11°51	4°45	9°9	20°18	1°38	17°22	22°58	4°39	7°D42	6°18	1°13	20°41	T 11
F 12	1 23 47	19°4'14	1♂57	13°6	5°52	9°47	20°23	1°35	17°20	22°57	4°40	7°43	6°15	1°19	20°42	F 12
S 13	1 27 43	20°3'14	13°47	14°20	7°0	10°24	20°28	1°32	17°19	22°55	4°41	7°45	6°12	1°26	20°44	S 13
S 14	1 31 40	21°2'16	25°43	15°33	8°7	11°1	20°33	1°29	17°17	22°54	4°41	7°46	6°9	1°33	20°45	S 14
M15	1 35 37	22°1'20	7♂49	16°43	9°15	11°38	20°38	1°26	17°15	22°52	4°42	7°R47	6°6	1°39	20°46	M15
T 16	1 39 33	23°0'27	20°9	17°52	10°23	12°15	20°43	1°23	17°13	22°51	4°42	7°46	6°2	1°46	20°47	T 16
W17	1 43 30	23°59'35	2♂46	18°59	11°32	12°52	20°47	1°20	17°11	22°50	4°43	7°43	5°59	1°53	20°49	W17
T 18	1 47 26	24°58'46	15°41	20°4	12°40	13°29	20°51	1°17	17°10	22°48	4°43	7°38	5°56	1°59	20°50	T 18
F 19	1 51 23	25°57'59	28°54	21°6	13°49	14°6	20°55	1°13	17°8	22°47	4°44	7°31	5°53	2°6	20°51	F 19
S 20	1 55 19	26°57'14	12♂25	22°6	14°58	14°43	20°59	1°10	17°6	22°46	4°44	7°23	5°50	2°13	20°51	S 20
S 21	1 59 16	27°56'31	26°10	23°4	16°7	15°19	21°3	1°6	17°5	22°44	4°44	7°14	5°46	2°19	20°52	S 21
M22	2 3 12	28°55'50	10♂6	23°58	17°16	15°56	21°6	1°2	17°3	22°43	4°45	7°6	5°43	2°26	20°53	M22
T 23	2 7 9	29°55'10	24°10	24°49	18°25	16°33	21°9	0°59	17°1	22°42	4°45	7°0	5°40	2°33	20°54	T 23
W24	2 11 6	0♂54'33	8♂17	25°37	19°35	17°10	21°13	0°55	17°0	22°41	4°45	6°55	5°37	2°39	20°54	W24
T 25	2 15 2	1°53'57	22°26	26°21	20°44	17°46	21°16	0°51	16°58	22°40	4°46	6°53	5°34	2°46	20°55	T 25
F 26	2 18 59	2°53'22	6♂34	27°0	21°54	18°23	21°18	0°47	16°57	22°38	4°46	6°D53	5°31	2°53	20°55	F 26
S 27	2 22 55	3°52'50	20°41	27°35	23°4	18°59	21°21	0°43	16°55	22°37	4°46	6°53	5°27	2°59	20°55	S 27
S 28	2 26 52	4°52'19	4♂44	28°4	24°14	19°36	21°23	0°39	16°54	22°36	4°46	6°R54	5°24	3°6	20°56	S 28
M29	2 30 48	5°51'50	18°43	28°28	25°24	20°12	21°25	0°35	16°53	22°35	4°47	6°53	5°21	3°13	20°56	M29
T 30	2 34 45	6°51'22	2°V36	28°46	26°34	20°49	21°27	0°31	16°52	22°34	4°47	6°51	5°18	3°19	20°R56	T 30
W31	2 38 41	7♂50'56	16°V22	28♂57	27♂45	21♂25	21♂29	0♂27	16°50	22°33	4♂47	6°45	5°15	3♂26	20♂56	W31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	3s17	8s10	0n 3	11s33	0s51	12n48	0s48	11n34	1n15	21n47	0s12	18n12	2s21	5s35	0s49	M 1
T 2	3 40	1 27	1 21	12 12	0 58	12 32	0 44	11 21	1 16	21 46	0 12	18 11	2 21	5 36	0 49	T 2
W 3	4 3	5n16	2 32	12 49	1 6	12 14	0 39	11 7	1 16	21 45	0 12	18 10	2 21	5 37	0 49	W 3
T 4	4 26	11 36	3 34	13 26	1 14	11 57	0 34	10 54	1 16	21 44	0 12	18 10	2 21	5 38	0 49	T 4
F 5	4 48	17 14	4 21	14 2	1 21	11 39	0 29	10 40	1 17	21 43	0 12	18 9	2 21	5 39	0 49	F 5
S 6	5 11	21 54	4 53	14 37	1 29	11 20	0 24	10 27	1 17	21 42	0 12	18 9	2 22	5 40	0 49	S 6
S 7	5 34	25 22	5 9	15 11	1 36	11 2	0 20	10 14	1 17	21 41	0 12	18 8	2 22	5 40	0 49	S 7
M 8	5 57	27 30	5 9	15 44	1 43	10 42	0 15	10 0	1 17	21 41	0 11	18 7	2 22	5 41	0 49	M 8
T 9	6 19	28 13	4 55	16 17	1 50	10 23	0 10	9 46	1 18	21 40	0 11	18 7	2 22	5 42	0 49	T 9
W10	6 42	27 34	4 28	16 48	1 57	10 3	0 6	9 33	1 18	21 39	0 11	18 6	2 22	5 43	0 49	W10
T 11	7 4	25 39	3 50	17 19	2 4	9 43	0 1	9 19	1 18	21 38	0 11	18 5	2 22	5 43	0 49	T 11
F 12	7 27	22 37	3 2	17 48	2 11	9 22	0n 3	9 5	1 19	21 38	0 11	18 5	2 23	5 44	0 49	F 12
S 13	7 49	18 39	2 6	18 17	2 18	9 1	0 7	8 52	1 19	21 37	0 11	18 4	2 23	5 45	0 49	S 13
S 14	8 11	13 55	1 5	18 44	2 24	8 40	0 11	8 38	1 19	21 36	0 11	18 3	2 23	5 46	0 49	S 14
M15	8 33	8 36	0s 0	19 10	2 30	8 19	0 16	8 24	1 20	21 36	0 11	18 3	2 23	5 46	0 49	M15
T 16	8 55	2 52	1 7	19 36	2 36	7 57	0 20	8 10	1 20	21 35	0 11	18 2	2 23	5 47	0 49	T 16
W17	9 17	3s 6	2 11	20 0	2 42	7 35	0 24	7 57	1 20	21 35	0 11	18 1	2 23	5 48	0 49	W17
T 18	9 38	9 4	3 10	20 22	2 47	7 12	0 28	7 43	1 21	21 34	0 11	18 0	2 23	5 48	0 49	T 18
F 19	10 0	14 47	4 0	20 44	2 52	6 50	0 31	7 29	1 21	21 34	0 11	17 59	2 23	5 49	0 49	F 19
S 20	10 21	19 55	4 38	21 4	2 56	6 27	0 35	7 15	1 21	21 33	0 10	17 59	2 23	5 49	0 49	S 20
S 21	10 42	24 5	5 1	21 23	3 0	6 3	0 39	7 1	1 21	21 33	0 10	17 58	2 24	5 50	0 49	S 21
M22	11 3	26 56	5 6	21 40	3 4	5 40	0 42	6 47	1 22	21 32	0 10	17 57	2 24	5 51	0 49	M22
T 23	11 24	28 6	4 53	21 56	3 7	5 16	0 46	6 33	1 22	21 32	0 10	17 56	2 24	5 51	0 49	T 23
W24	11 45	27 27	4 22	22 10	3 10	4 52	0 49	6 19	1 22	21 31	0 10	17 55	2 24	5 52	0 49	W24
T 25	12 5	25 2	3 35	22 22	3 12	4 28	0 53	6 5	1 23	21 31	0 10	17 54	2 24	5 52	0 49	T 25
F 26	12 26	21 4	2 35	22 33	3 13	4 4	0 56	5 51	1 23	21 31	0 10	17 53	2 24	5 53	0 49	F 26
S 27	12 46	15 54	1 26	22 41	3 14	3 39	0 59	5 37	1 23	21 30	0 10	17 53	2 24	5 53	0 49	S 27
S 28	13 6	9 55	0 12	22 48	3 13	3 14	1 2	5 23	1 23	21 30	0 10	17 52	2 24	5 54	0 48	S 28
M29	13 26	3 29	1n 3	22 52	3 12	2 49	1 5	5 9	1 24	21 30	0 10	17 51	2 24	5 54	0 48	M29
T 30	13 45	3n 4	2 13	22 54	3 10	2 24	1 8	4 55	1 24	21 30	0 10	17 50	2 24	5 55	0 48	T 30
W31	14s 5	9n24	3n14	22s53	3s 6	1n59	1n11	4n41	1n24	21n29	0s 9	17n49	2s24	5s55	0s48	W31

Julian Day Number = 2699087.5, Delta T = 25m35s

Ecliptic obliquity = 23°21'14, Nutation = 0°00'06

Ayanamsha: Fagan/Bradley = 34°13'17, Lahiri = 33°20'17

## ASTRODIENST EPHEMERIS for the year 2677

NOVEMBER 2677

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 42 38	8♍50°32	29♍56	29°R 0	28♍55	22♍2	21♍31	0°R22	16°R49	22°R32	4♍47	6°R37	5♍11	3♍33	20°R56	T 1
F 2	2 46 35	9°50'10	13♍18	28♍56	0♍6	22°38	21°32	0♍18	16♍48	22°R31	4°47	6♍27	5°8	3°39	20°R55	F 2
S 3	2 50 31	10°49'51	26°23	28°44	1°17	23°14	21°33	0°14	16°47	22°30	4°47	6°16	5°5	3°46	20°55	S 3
S 4	2 54 28	11°49'33	9♍12	28°22	2°28	23°50	21°34	0°9	16°46	22°29	4°47	6°4	5°2	3°53	20°55	S 4
M 5	2 58 24	12°49'17	21°44	27°52	3°39	24°26	21°35	0°5	16°45	22°28	4°R47	5°54	4°59	3°59	20°54	M 5
T 6	3 2 21	13°49'03	4♍0	27°13	4°50	25°3	21°36	0°0	16°44	22°27	4°47	5°45	4°56	4°6	20°54	T 6
W 7	3 6 17	14°48'52	16°3	26°24	6°1	25°39	21°36	29♍56	16°43	22°26	4°47	5°38	4°52	4°13	20°53	W 7
T 8	3 10 14	15°48'43	27°57	25°28	7°13	26°15	21°36	29°51	16°42	22°25	4°47	5°35	4°49	4°19	20°52	T 8
F 9	3 14 10	16°48'35	9♍46	24°23	8°24	26°51	21°R36	29°46	16°41	22°25	4°47	5°33	4°46	4°26	20°52	F 9
S 10	3 18 7	17°48'30	21°35	23°13	9°36	27°26	21°36	29°42	16°40	22°24	4°47	5°D33	4°43	4°33	20°51	S 10
S 11	3 22 4	18°48'27	3♍31	21°58	10°48	28°2	21°36	29°37	16°40	22°23	4°47	5°R33	4°40	4°39	20°50	S 11
M12	3 26 0	19°48'27	15°37	20°40	12°0	28°38	21°35	29°32	16°39	22°22	4°46	5°33	4°37	4°46	20°49	M12
T 13	3 29 57	20°48'28	28°1	19°23	13°11	29°14	21°34	29°27	16°38	22°22	4°46	5°31	4°33	4°53	20°48	T 13
W14	3 33 53	21°48'31	10♍44	18°7	14°24	29°50	21°33	29°23	16°38	22°21	4°46	5°26	4°30	4°59	20°46	W14
T 15	3 37 50	22°48'36	23°51	16°57	15°36	0♍25	21°32	29°18	16°37	22°20	4°46	5°19	4°27	5°6	20°45	T 15
F 16	3 41 46	23°48'44	7♍22	15°53	16°48	1°1	21°31	29°13	16°36	22°20	4°45	5°9	4°24	5°13	20°44	F 16
S 17	3 45 43	24°48'53	21°15	14°58	18°0	1°37	21°29	29°8	16°36	22°19	4°45	4°57	4°21	5°19	20°42	S 17
S 18	3 49 39	25°49'04	5♍27	14°13	19°13	2°12	21°27	29°3	16°36	22°19	4°45	4°45	4°17	5°26	20°41	S 18
M19	3 53 36	26°49'17	19°51	13°39	20°25	2°48	21°25	28°59	16°35	22°18	4°45	4°33	4°14	5°33	20°39	M19
T 20	3 57 33	27°49'32	4♍21	13°17	21°38	3°23	21°23	28°54	16°35	22°18	4°44	4°23	4°11	5°39	20°38	T 20
W21	4 1 29	28°49'48	18°52	13°D 7	22°50	3°58	21°21	28°49	16°35	22°17	4°44	4°16	4°8	5°46	20°36	W21
T 22	4 5 26	29°50'05	3♍16	13°8	24°3	4°34	21°18	28°44	16°34	22°17	4°43	4°12	4°5	5°52	20°34	T 22
F 23	4 9 22	0♍50'24	17°31	13°20	25°16	5°9	21°15	28°39	16°34	22°17	4°43	4°10	4°2	5°59	20°32	F 23
S 24	4 13 19	1°50'44	1♍36	13°41	26°29	5°44	21°12	28°34	16°34	22°16	4°42	4°10	3°58	6°6	20°30	S 24
S 25	4 17 15	2°51'05	15°29	14°13	27°42	6°19	21°9	28°30	16°34	22°16	4°42	4°10	3°55	6°12	20°28	S 25
M26	4 21 12	3°51'28	29°10	14°52	28°55	6°54	21°6	28°25	16°D34	22°16	4°41	4°8	3°52	6°19	20°26	M26
T 27	4 25 8	4°51'52	12♍42	15°39	0♍8	7°29	21°2	28°20	16°34	22°16	4°41	4°5	3°49	6°26	20°24	T 27
W28	4 29 5	5°52'17	26°3	16°33	1°21	8°4	20°58	28°15	16°34	22°15	4°40	3°58	3°46	6°32	20°22	W28
T 29	4 33 2	6°52'44	9♍13	17°32	2°34	8°39	20°54	28°10	16°34	22°15	4°40	3°48	3°43	6°39	20°19	T 29
F 30	4 36 58	7♍53'12	22♍12	18♍37	3♍47	9♍14	20°50	28♍6	16♍35	22♍15	4♍39	3♍36	3♍39	6♍46	20°17	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	14s24	15n13	4n 4	22s49	3s 1	1n33	1n14	4n27	1n25	21n29	0s 9	17n48	2s24	5s56	0s48	3s52
F 2	14 43	20 12	4 39	22 42	2 55	1 8	1 17	4 13	1 25	21 29	0 9	17 47	2 25	5 56	0 48	3 52
S 3	15 1	24 6	4 58	22 32	2 48	0 42	1 19	3 59	1 25	21 29	0 9	17 46	2 25	5 57	0 48	3 53
S 4	15 20	26 44	5 2	22 18	2 39	0 16	1 22	3 45	1 25	21 29	0 9	17 45	2 25	5 57	0 48	3 53
M 5	15 38	27 57	4 51	22 1	2 28	0s10	1 24	3 31	1 26	21 29	0 9	17 44	2 25	5 57	0 48	3 53
T 6	15 56	27 45	4 27	21 40	2 16	0 36	1 26	3 17	1 26	21 29	0 9	17 43	2 25	5 58	0 48	3 54
W 7	16 13	26 13	3 51	21 15	2 1	1 2	1 29	3 3	1 26	21 29	0 9	17 42	2 25	5 58	0 48	3 54
T 8	16 31	23 32	3 6	20 46	1 46	1 28	1 31	2 49	1 26	21 29	0 9	17 41	2 25	5 58	0 48	3 54
F 9	16 48	19 52	2 13	20 14	1 28	1 54	1 33	2 35	1 27	21 29	0 9	17 40	2 25	5 59	0 48	3 55
S 10	17 5	15 25	1 14	19 38	1 10	2 20	1 35	2 21	1 27	21 29	0 9	17 39	2 25	5 59	0 48	3 55
S 11	17 21	10 21	0 11	19 0	0 50	2 47	1 36	2 7	1 27	21 29	0 8	17 38	2 25	5 59	0 48	3 55
M12	17 38	4 50	0s53	18 20	0 29	3 13	1 38	1 53	1 27	21 30	0 8	17 37	2 25	5 59	0 48	3 56
T 13	17 54	0s59	1 56	17 39	0 9	3 39	1 40	1 39	1 28	21 30	0 8	17 36	2 25	6 0	0 48	3 56
W14	18 9	6 55	2 55	16 59	0n12	4 6	1 41	1 25	1 28	21 30	0 8	17 35	2 25	6 0	0 48	3 56
T 15	18 25	12 44	3 46	16 20	0 32	4 32	1 43	1 11	1 28	21 30	0 8	17 34	2 25	6 0	0 48	3 56
F 16	18 40	18 7	4 26	15 44	0 50	4 58	1 44	0 57	1 28	21 31	0 8	17 33	2 25	6 0	0 48	3 56
S 17	18 54	22 42	4 52	15 11	1 8	5 25	1 45	0 43	1 29	21 31	0 8	17 32	2 25	6 0	0 48	3 57
S 18	19 9	26 3	5 0	14 43	1 24	5 51	1 47	0 29	1 29	21 31	0 8	17 31	2 25	6 0	0 48	3 57
M19	19 23	27 47	4 50	14 20	1 37	6 17	1 48	0 16	1 29	21 32	0 8	17 30	2 25	6 0	0 48	3 57
T 20	19 36	27 38	4 21	14 2	1 49	6 43	1 49	0 2	1 29	21 32	0 8	17 29	2 25	6 1	0 48	3 57
W21	19 50	25 35	3 35	13 49	1 59	7 9	1 49	0s12	1 30	21 33	0 7	17 28	2 24	6 1	0 48	3 57
T 22	20 3	21 53	2 35	13 42	2 7	7 35	1 50	0 26	1 30	21 33	0 7	17 27	2 24	6 1	0 48	3 57
F 23	20 15	16 54	1 27	13 39	2 14	8 1	1 51	0 39	1 30	21 34	0 7	17 26	2 24	6 1	0 48	3 58
S 24	20 27	11 5	0 14	13 41	2 18	8 27	1 52	0 53	1 30	21 34	0 7	17 25	2 24	6 1	0 47	3 58
S 25	20 39	4 47	0n59	13 48	2 21	8 52	1 52	1 7	1 31	21 35	0 7	17 24	2 24	6 1	0 47	3 58
M26	20 51	1n38	2 8	13 58	2 23	9 18	1 53	1 20	1 31	21 36	0 7	17 23	2 24	6 1	0 47	3 58
T 27	21 2	7 53	3 8	14 11	2 23	9 43	1 53	1 34	1 31	21 36	0 7	17 22	2 24	6 1	0 47	3 58
W28	21 13	13 43	3 57	14 27	2 22	10 8	1 53	1 47	1 31	21 37	0 7	17 22	2 24	6 1	0 47	3 58
T 29	21 23	18 50	4 33	14 45	2 21	10 33	1 53	2 1	1 32	21 38	0 6	17 21	2 24	6 0	0 47	3 58
F 30	21s33	22n59	4n54	15s 6	2n18	10s57	1n53	2s14	1n32	21n38	0s 6	17n20	2s24	6s 0	0s47	3s58

Julian Day Number = 2699118.5, Delta T = 25m35s

Ecliptic obliquity = 23°21'13", Nutation = 0°00'06

Ayanamsha: Fagan/Bradley = 34°13'21", Lahiri = 33°20'21

## ASTRODIENST EPHEMERIS for the year 2677

DECEMBER 2677

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 40 55	8♂53'42	5♂ 0	19♂46	5♂ 1	9♂48	20°R46	28°R 1	16♂35	22°R15	4°R39	3°R22	3♂36	6♂52	20°R14	S 1
S 2	4 44 51	9°54'13	17°34	20°59	6°14	10°23	20♂41	27♂56	16°35	22♂15	4♂38	3♂ 8	3°33	6°59	20♂12	S 2
M 3	4 48 48	10°54'46	29°56	22°15	7°28	10°58	20°37	27°52	16°36	22°D15	4°37	2°55	3°30	7° 6	20° 9	M 3
T 4	4 52 44	11°55'20	12♂ 6	23°33	8°41	11°32	20°32	27°47	16°36	22°15	4°37	2°44	3°27	7°12	20° 6	T 4
W 5	4 56 41	12°55'56	24° 5	24°54	9°55	12° 7	20°27	27°42	16°36	22°15	4°36	2°36	3°23	7°19	20° 4	W 5
T 6	5 0 38	13°56'33	5♂56	26°17	11° 9	12°41	20°22	27°38	16°37	22°15	4°35	2°30	3°20	7°26	20° 1	T 6
F 7	5 4 34	14°57'12	17°43	27°42	12°22	13°16	20°16	27°33	16°37	22°15	4°34	2°27	3°17	7°32	19°58	F 7
S 8	5 8 31	15°57'53	29°31	29° 8	13°36	13°50	20°11	27°29	16°38	22°15	4°34	2°D26	3°14	7°39	19°55	S 8
S 9	5 12 27	16°58'35	11♂24	0♂35	14°50	14°24	20° 5	27°24	16°39	22°15	4°33	2°R26	3°11	7°46	19°52	S 9
M10	5 16 24	17°59'18	23°28	2° 4	16° 4	14°58	20° 0	27°20	16°39	22°16	4°32	2°26	3° 8	7°52	19°49	M10
T 11	5 20 20	19° 0'03	5♂49	3°33	17°18	15°32	19°54	27°16	16°40	22°16	4°31	2°25	3° 4	7°59	19°46	T 11
W12	5 24 17	20° 0'49	18°32	5° 2	18°32	16° 6	19°47	27°11	16°41	22°16	4°30	2°22	3° 1	8° 6	19°43	W12
T 13	5 28 13	21° 1'37	1♂40	6°33	19°46	16°40	19°41	27° 7	16°42	22°16	4°29	2°16	2°58	8°12	19°40	T 13
F 14	5 32 10	22° 2'26	15°17	8° 4	21° 0	17°14	19°35	27° 3	16°43	22°17	4°29	2° 7	2°55	8°19	19°36	F 14
S 15	5 36 7	23° 3'17	29°21	9°35	22°14	17°48	19°28	26°59	16°44	22°17	4°28	1°57	2°52	8°26	19°33	S 15
S 16	5 40 3	24° 4'09	13♂49	11° 6	23°28	18°21	19°22	26°55	16°45	22°18	4°27	1°46	2°49	8°32	19°30	S 16
M17	5 44 0	25° 5'02	28°35	12°38	24°42	18°55	19°15	26°51	16°46	22°18	4°26	1°35	2°45	8°39	19°26	M17
T 18	5 47 56	26° 5'57	13♂30	14°10	25°56	19°29	19° 8	26°47	16°47	22°19	4°25	1°26	2°42	8°46	19°23	T 18
W19	5 51 53	27° 6'52	28°26	15°43	27°11	20° 2	19° 1	26°43	16°48	22°19	4°24	1°19	2°39	8°52	19°19	W19
T 20	5 55 49	28° 7'47	13♂15	17°15	28°25	20°35	18°54	26°39	16°49	22°20	4°23	1°16	2°36	8°59	19°16	T 20
F 21	5 59 46	29° 8'44	27°49	18°48	29°39	21° 9	18°47	26°36	16°51	22°20	4°22	1°D14	2°33	9° 6	19°12	F 21
S 22	6 3 42	0♂9'41	12♂ 5	20°20	0♂54	21°42	18°39	26°32	16°52	22°21	4°21	1°15	2°30	9°12	19° 9	S 22
S 23	6 7 39	1°10'38	26° 2	21°53	2° 8	22°15	18°32	26°28	16°53	22°21	4°20	1°R15	2°26	9°19	19° 5	S 23
M24	6 11 36	2°11'36	9♂40	23°26	3°22	22°48	18°24	26°25	16°55	22°22	4°19	1°15	2°23	9°26	19° 1	M24
T 25	6 15 32	3°12'35	23° 1	24°59	4°37	23°21	18°17	26°22	16°56	22°23	4°18	1°13	2°20	9°32	18°58	T 25
W26	6 19 29	4°13'34	6♂ 7	26°32	5°51	23°53	18° 9	26°18	16°58	22°24	4°16	1° 9	2°17	9°39	18°54	W26
T 27	6 23 25	5°14'33	18°58	28° 5	7° 6	24°26	18° 1	26°15	16°59	22°24	4°15	1° 2	2°14	9°46	18°50	T 27
F 28	6 27 22	6°15'33	1♂38	29°39	8°20	24°59	17°54	26°12	17° 1	22°25	4°14	0°53	2°10	9°52	18°46	F 28
S 29	6 31 18	7°16'34	14° 6	1♂12	9°35	25°31	17°46	26° 9	17° 2	22°26	4°13	0°43	2° 7	9°59	18°43	S 29
S 30	6 35 15	8°17'35	26°25	2°46	10°50	26° 4	17°38	26° 6	17° 4	22°27	4°12	0°32	2° 4	10° 6	18°39	S 30
M31	6 39 11	9♂18'37	8♂34	4♂20	12♂ 4	26♂36	17♂30	26♂ 3	17♂ 6	22♂28	4♂11	0♂22	2♂ 1	10♂12	18♂35	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s42	25n58	5n 0	15s27	2n14	11s22	1n53	2s28	1n32	21n39	0s 6	17n19	2s24	6s 0	0s47	3s58	0s59	20n15	1n15	10s14	10s 9	20n44	14n46	7s 9
S 2	21 51	27 36	4 51	15 50	2 10	11 46	1 53	2 41	1 32	21 40	0 6	17 18	2 24	6 0	0 47	3 58	0 59	20 15	1 15	10 19	10 10	20 41	14 46	7 9
M 3	22 0	27 49	4 28	16 14	2 5	12 10	1 53	2 54	1 33	21 41	0 6	17 17	2 23	6 0	0 47	3 58	0 59	20 15	1 15	10 24	10 11	20 39	14 46	7 9
T 4	22 8	26 40	3 53	16 39	2 0	12 34	1 53	3 7	1 33	21 42	0 6	17 16	2 23	6 0	0 47	3 58	0 59	20 16	1 15	10 28	10 12	20 37	14 46	7 10
W 5	22 16	24 18	3 8	17 4	1 55	12 57	1 52	3 21	1 33	21 42	0 6	17 15	2 23	5 59	0 47	3 58	0 59	20 16	1 15	10 31	10 14	20 34	14 46	7 10
T 6	22 23	20 55	2 16	17 30	1 49	13 20	1 52	3 34	1 33	21 43	0 6	17 14	2 23	5 59	0 47	3 58	0 59	20 16	1 16	10 33	10 15	20 32	14 46	7 11
F 7	22 30	16 42	1 17	17 55	1 42	13 43	1 52	3 47	1 33	21 44	0 6	17 13	2 23	5 59	0 47	3 58	0 59	20 16	1 16	10 34	10 16	20 29	14 46	7 11
S 8	22 37	11 51	0 16	18 20	1 36	14 6	1 51	4 0	1 34	21 45	0 5	17 12	2 23	5 59	0 47	3 58	0 59	20 17	1 16	10 34	10 17	20 27	14 46	7 12
S 9	22 43	6 32	0s47	18 45	1 29	14 28	1 50	4 13	1 34	21 46	0 5	17 12	2 23	5 58	0 47	3 58	0 59	20 17	1 16	10 34	10 18	20 24	14 46	7 12
M10	22 49	0 54	1 49	19 10	1 22	14 50	1 49	4 26	1 34	21 47	0 5	17 11	2 22	5 58	0 47	3 58	0 59	20 17	1 16	10 34	10 19	20 22	14 46	7 12
T 11	22 54	4s52	2 48	19 34	1 15	15 12	1 49	4 39	1 34	21 48	0 5	17 10	2 22	5 58	0 47	3 57	0 59	20 18	1 16	10 35	10 20	20 19	14 46	7 13
W12	22 59	10 37	3 39	19 57	1 8	15 33	1 48	4 51	1 34	21 49	0 5	17 9	2 22	5 57	0 47	3 57	0 59	20 18	1 16	10 36	10 22	20 17	14 46	7 13
T 13	23 3	16 5	4 21	20 20	1 0	15 54	1 47	5 4	1 35	21 50	0 5	17 8	2 22	5 57	0 47	3 57	0 59	20 18	1 16	10 38	10 23	20 14	14 46	7 14
F 14	23 7	20 58	4 50	20 42	0 53	16 14	1 46	5 17	1 35	21 51	0 5	17 8	2 22	5 57	0 47	3 57	0 59	20 18	1 16	10 41	10 24	20 12	14 46	7 14
S 15	23 10	24 51	5 2	21 3	0 46	16 35	1 45	5 30	1 35	21 52	0 5	17 7	2 22	5 56	0 47	3 57	0 59	20 19	1 16	10 45	10 25	20 9	14 46	7 14
S 16	23 13	27 16	4 56	21 24	0 38	16 54	1 43	5 42	1 35	21 53	0 4	17 6	2 21	5 56	0 47	3 57	0 59	20 19	1 16	10 49	10 26	20 7	14 46	7 15
M17	23 16	27 51	4 30	21 43	0 31	17 14	1 42	5 55	1 36	21 54	0 4	17 5	2 21	5 55	0 47	3 56	0 59	20 19	1 16	10 52	10 27	20 4	14 46	7 15
T 18	23 18	26 25	3 46	22 2	0 24	17 32	1 41	6 7	1 36	21 56	0 4	17 5	2 21	5 55	0 47	3 56	0 59	20 20	1 17	10 56	10 28	20 1	14 47	7 15
W19	23 19	23 6	2 45	22 19	0 16	17 51	1 39	6 19	1 36	21 57	0 4	17 4	2 21	5 54	0 46	3 56	0 58	20 20	1 17	10 58	10 30	19 59	14 47	7 15
T 20	23 20	18 18	1 35	22 36	0 9	18 9	1 38	6 32	1 36	21 58	0 4	17 3	2 21	5 54	0 46	3 56	0 58	20 20	1 17	10 59	10 31	19 56	14 47	7 16
F 21	23 21	12 29	0 18	22 51	0 2	18 26	1 36	6 44	1 36	21 59	0 4	17 3	2 20	5 53	0 46	3 56	0 58	20 21	1 17	11 0	10 32	19 54	14 47	7 16
S 22	23 21	6 7	0n58	23 5	0s 5	18 43	1 35	6 56	1 37	22 0	0 4	17 2	2 20	5 53	0 46	3 55	0 58	20 21	1 17	11 0	10 33	19 51	14 47	7 16
S 23	23 21	0n24	2 9	23 18	0 12	19 0	1 33	7 8	1 37	22 1	0 3	17 1	2 20	5 52	0 46	3 55	0 58	20 21	1 17	10 59	10 34	19 49	14 48	7 17
M24	23 20	6 44	3 10	23 30	0 19	19 16	1 31	7 20	1 37	22 2	0 3	17 1	2 20	5 52	0 46	3 55	0 58	20 22	1 17	10 59	10 35	19 46	14 48	7 17
T 25	23 19	12 38	4 1	23 41	0 26	19 31	1 30	7 32	1 37	22 3	0 3	17 0	2 20	5 51	0 46	3 54	0 58	20 22	1 17	11 0	10 36	19 44	14 48	7 17
W26	23 17	17 52	4 37	23 51	0 32	19 46	1 28	7 44	1 37	22 5	0 3	17 0	2 19	5 50	0 46	3 54	0 58	20 22	1 17	11 2	10 38	19 41	14 48	7 17
T 27	23 15	22 11	4 59	23 59	0 39	20 0	1 26	7 56	1 37	22 6	0 3	16 59	2 19	5 50	0 46	3 54	0 58	20 23	1 17	11 4	10 39	19 38	14 49	7 17
F 28	23 12	25 24	5 5	24 6	0 45	20 14	1 24	8 7	1 38	22 7	0 3	16 59	2 19	5 49	0 46	3 53	0 58	20 23	1 17	11 7	10 40	19 36	14 49	7 18
S 29	23 9	27 20	4 57	24 12	0 51	20 27	1 22	8 19	1 38	22 8	0 3	16 58	2 19	5 48	0 46	3 53	0 58	20 23	1 18	11 11	10 41	19 33	14 49	7 18
S 30	23 6	27 53	4 35	24 17	0 57	20 40	1 20	8 30	1 38	22 9	0 3	16 58	2 18	5 48	0 46	3 53	0 58	20 24	1 18	11 15	10 42	19 31	14 50	7 18
M31	23s 2	27n 5	4n 1	24s20	1s 3	20s52	1n18	8s42	1n38	22n10	0s 2	16n57	2s18	5s47	0s46	3s52	0s58	20n24	1n18	11s18	10s43	19n28	14n50	7s18



## ASTRODIENST EPHEMERIS for the year 2678

FEBRUARY 2678

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8 45 21	11 <sup>53</sup> 38	4 <sup>46</sup> 46	26 <sup>29</sup> 29	22 <sup>3</sup> 1	12 <sup>41</sup> 41	13 <sup>26</sup> 26	25 <sup>26</sup> 26	18 <sup>22</sup> 22	23 <sup>13</sup> 13	3 <sup>30</sup> 30	29 <sup>13</sup> 13	0 <sup>19</sup> 19	13 <sup>45</sup> 45	16 <sup>33</sup> 33	F 1
S 2	8 49 18	12 <sup>54</sup> 38	16 <sup>38</sup> 38	28 <sup>5</sup> 5	23 <sup>16</sup> 16	13 <sup>8</sup> 8	13 <sup>19</sup> 19	25 <sup>27</sup> 27	18 <sup>25</sup> 25	23 <sup>15</sup> 15	3 <sup>29</sup> 29	29 <sup>14</sup> 14	0 <sup>16</sup> 16	13 <sup>52</sup> 52	16 <sup>29</sup> 29	S 2
S 3	8 53 14	13 <sup>55</sup> 38	28 <sup>36</sup> 36	29 <sup>40</sup> 40	24 <sup>31</sup> 31	13 <sup>35</sup> 35	13 <sup>13</sup> 13	25 <sup>27</sup> 27	18 <sup>28</sup> 28	23 <sup>17</sup> 17	3 <sup>28</sup> 28	29 <sup>15</sup> 15	0 <sup>13</sup> 13	13 <sup>58</sup> 58	16 <sup>26</sup> 26	S 3
M 4	8 57 11	14 <sup>56</sup> 37	10 <sup>43</sup> 43	1 <sup>13</sup> 13	25 <sup>46</sup> 46	14 <sup>3</sup> 3	13 <sup>7</sup> 7	25 <sup>28</sup> 28	18 <sup>31</sup> 31	23 <sup>19</sup> 19	3 <sup>27</sup> 27	29 <sup>17</sup> 17	0 <sup>10</sup> 10	14 <sup>5</sup> 5	16 <sup>22</sup> 22	M 4
T 5	9 1 8	15 <sup>57</sup> 36	23 <sup>3</sup> 3	2 <sup>44</sup> 44	27 <sup>1</sup> 1	14 <sup>29</sup> 29	13 <sup>2</sup> 2	25 <sup>29</sup> 29	18 <sup>34</sup> 34	23 <sup>20</sup> 20	3 <sup>25</sup> 25	29 <sup>18</sup> 18	0 <sup>7</sup> 7	14 <sup>12</sup> 12	16 <sup>19</sup> 19	T 5
W 6	9 5 4	16 <sup>58</sup> 35	5 <sup>39</sup> 39	4 <sup>11</sup> 11	28 <sup>16</sup> 16	14 <sup>56</sup> 56	12 <sup>56</sup> 56	25 <sup>30</sup> 30	18 <sup>37</sup> 37	23 <sup>22</sup> 22	3 <sup>24</sup> 24	29 <sup>19</sup> 19	0 <sup>3</sup> 3	14 <sup>18</sup> 18	16 <sup>16</sup> 16	W 6
T 7	9 9 1	17 <sup>59</sup> 32	18 <sup>36</sup> 36	5 <sup>36</sup> 36	29 <sup>31</sup> 31	15 <sup>23</sup> 23	12 <sup>51</sup> 51	25 <sup>31</sup> 31	18 <sup>40</sup> 40	23 <sup>24</sup> 24	3 <sup>23</sup> 23	29 <sup>19</sup> 19	0 <sup>0</sup> 0	14 <sup>25</sup> 25	16 <sup>13</sup> 13	T 7
F 8	9 12 57	19 <sup>0</sup> 30	1 <sup>58</sup> 58	6 <sup>56</sup> 56	0 <sup>46</sup> 46	15 <sup>49</sup> 49	12 <sup>45</sup> 45	25 <sup>33</sup> 33	18 <sup>43</sup> 43	23 <sup>26</sup> 26	3 <sup>21</sup> 21	29 <sup>19</sup> 19	29 <sup>57</sup> 57	14 <sup>32</sup> 32	16 <sup>10</sup> 10	F 8
S 9	9 16 54	20 <sup>1</sup> 27	15 <sup>45</sup> 45	8 <sup>11</sup> 11	2 <sup>1</sup> 1	16 <sup>15</sup> 15	12 <sup>40</sup> 40	25 <sup>34</sup> 34	18 <sup>46</sup> 46	23 <sup>28</sup> 28	3 <sup>20</sup> 20	29 <sup>18</sup> 18	29 <sup>54</sup> 54	14 <sup>38</sup> 38	16 <sup>7</sup> 7	S 9
S 10	9 20 50	21 <sup>2</sup> 23	29 <sup>59</sup> 59	9 <sup>21</sup> 21	3 <sup>16</sup> 16	16 <sup>40</sup> 40	12 <sup>35</sup> 35	25 <sup>36</sup> 36	18 <sup>49</sup> 49	23 <sup>30</sup> 30	3 <sup>19</sup> 19	29 <sup>17</sup> 17	29 <sup>51</sup> 51	14 <sup>45</sup> 45	16 <sup>4</sup> 4	S 10
M 11	9 24 47	22 <sup>3</sup> 19	14 <sup>37</sup> 37	10 <sup>25</sup> 25	4 <sup>31</sup> 31	17 <sup>6</sup> 6	12 <sup>30</sup> 30	25 <sup>37</sup> 37	18 <sup>53</sup> 53	23 <sup>32</sup> 32	3 <sup>18</sup> 18	29 <sup>16</sup> 16	29 <sup>47</sup> 47	14 <sup>52</sup> 52	16 <sup>1</sup> 1	M 11
T 12	9 28 43	23 <sup>4</sup> 13	29 <sup>35</sup> 35	11 <sup>21</sup> 21	5 <sup>46</sup> 46	17 <sup>31</sup> 31	12 <sup>26</sup> 26	25 <sup>39</sup> 39	18 <sup>56</sup> 56	23 <sup>34</sup> 34	3 <sup>17</sup> 17	29 <sup>16</sup> 16	29 <sup>44</sup> 44	14 <sup>58</sup> 58	15 <sup>58</sup> 58	T 12
W 13	9 32 40	24 <sup>5</sup> 07	14 <sup>45</sup> 45	12 <sup>10</sup> 10	7 <sup>1</sup> 1	17 <sup>56</sup> 56	12 <sup>21</sup> 21	25 <sup>41</sup> 41	18 <sup>59</sup> 59	23 <sup>36</sup> 36	3 <sup>15</sup> 15	29 <sup>15</sup> 15	29 <sup>41</sup> 41	15 <sup>5</sup> 5	15 <sup>55</sup> 55	W 13
T 14	9 36 37	25 <sup>6</sup> 00	29 <sup>59</sup> 59	12 <sup>50</sup> 50	8 <sup>16</sup> 16	18 <sup>21</sup> 21	12 <sup>17</sup> 17	25 <sup>43</sup> 43	19 <sup>2</sup> 2	23 <sup>38</sup> 38	3 <sup>14</sup> 14	29 <sup>15</sup> 15	29 <sup>38</sup> 38	15 <sup>12</sup> 12	15 <sup>52</sup> 52	T 14
F 15	9 40 33	26 <sup>6</sup> 52	15 <sup>5</sup> 5	13 <sup>20</sup> 20	9 <sup>31</sup> 31	18 <sup>45</sup> 45	12 <sup>13</sup> 13	25 <sup>45</sup> 45	19 <sup>5</sup> 5	23 <sup>40</sup> 40	3 <sup>13</sup> 13	29 <sup>15</sup> 15	29 <sup>35</sup> 35	15 <sup>18</sup> 18	15 <sup>50</sup> 50	F 15
S 16	9 44 30	27 <sup>7</sup> 42	29 <sup>55</sup> 55	13 <sup>41</sup> 41	10 <sup>47</sup> 47	19 <sup>10</sup> 10	12 <sup>9</sup> 9	25 <sup>47</sup> 47	19 <sup>9</sup> 9	23 <sup>42</sup> 42	3 <sup>12</sup> 12	29 <sup>15</sup> 15	29 <sup>32</sup> 32	15 <sup>25</sup> 25	15 <sup>47</sup> 47	S 16
S 17	9 48 26	28 <sup>8</sup> 31	14 <sup>52</sup> 52	13 <sup>51</sup> 51	12 <sup>2</sup> 2	19 <sup>34</sup> 34	12 <sup>5</sup> 5	25 <sup>50</sup> 50	19 <sup>12</sup> 12	23 <sup>45</sup> 45	3 <sup>11</sup> 11	29 <sup>16</sup> 16	29 <sup>28</sup> 28	15 <sup>32</sup> 32	15 <sup>44</sup> 44	S 17
M 18	9 52 23	29 <sup>9</sup> 19	28 <sup>25</sup> 25	13 <sup>50</sup> 50	13 <sup>17</sup> 17	19 <sup>57</sup> 57	12 <sup>2</sup> 2	25 <sup>52</sup> 52	19 <sup>15</sup> 15	23 <sup>47</sup> 47	3 <sup>9</sup> 9	29 <sup>16</sup> 16	29 <sup>25</sup> 25	15 <sup>38</sup> 38	15 <sup>42</sup> 42	M 18
T 19	9 56 19	0 <sup>10</sup> 05	12 <sup>8</sup> 8	13 <sup>38</sup> 38	14 <sup>32</sup> 32	20 <sup>21</sup> 21	11 <sup>59</sup> 59	25 <sup>55</sup> 55	19 <sup>18</sup> 18	23 <sup>49</sup> 49	3 <sup>8</sup> 8	29 <sup>16</sup> 16	29 <sup>22</sup> 22	15 <sup>45</sup> 45	15 <sup>39</sup> 39	T 19
W 20	10 0 16	1 <sup>10</sup> 50	25 <sup>8</sup> 8	13 <sup>15</sup> 15	15 <sup>47</sup> 47	20 <sup>44</sup> 44	11 <sup>55</sup> 55	25 <sup>57</sup> 57	19 <sup>22</sup> 22	23 <sup>51</sup> 51	3 <sup>7</sup> 7	29 <sup>16</sup> 16	29 <sup>19</sup> 19	15 <sup>51</sup> 51	15 <sup>37</sup> 37	W 20
T 21	10 4 12	2 <sup>11</sup> 34	7 <sup>53</sup> 53	12 <sup>42</sup> 42	17 <sup>2</sup> 2	21 <sup>6</sup> 6	11 <sup>53</sup> 53	26 <sup>0</sup> 0	19 <sup>25</sup> 25	23 <sup>53</sup> 53	3 <sup>6</sup> 6	29 <sup>15</sup> 15	29 <sup>16</sup> 16	15 <sup>58</sup> 58	15 <sup>35</sup> 35	T 21
F 22	10 8 9	3 <sup>12</sup> 15	20 <sup>18</sup> 18	12 <sup>0</sup> 0	18 <sup>17</sup> 17	21 <sup>29</sup> 29	11 <sup>50</sup> 50	26 <sup>3</sup> 3	19 <sup>28</sup> 28	23 <sup>55</sup> 55	3 <sup>5</sup> 5	29 <sup>16</sup> 16	29 <sup>13</sup> 13	16 <sup>5</sup> 5	15 <sup>33</sup> 33	F 22
S 23	10 12 6	4 <sup>12</sup> 56	2 <sup>28</sup> 28	11 <sup>9</sup> 9	19 <sup>32</sup> 32	21 <sup>51</sup> 51	11 <sup>47</sup> 47	26 <sup>6</sup> 6	19 <sup>32</sup> 32	23 <sup>57</sup> 57	3 <sup>4</sup> 4	29 <sup>16</sup> 16	29 <sup>9</sup> 9	16 <sup>11</sup> 11	15 <sup>30</sup> 30	S 23
S 24	10 16 2	5 <sup>13</sup> 34	14 <sup>26</sup> 26	10 <sup>11</sup> 11	20 <sup>47</sup> 47	22 <sup>13</sup> 13	11 <sup>45</sup> 45	26 <sup>9</sup> 9	19 <sup>35</sup> 35	24 <sup>0</sup> 0	3 <sup>3</sup> 3	29 <sup>17</sup> 17	29 <sup>6</sup> 6	16 <sup>18</sup> 18	15 <sup>28</sup> 28	S 24
M 25	10 19 59	6 <sup>14</sup> 12	26 <sup>18</sup> 18	9 <sup>8</sup> 8	22 <sup>2</sup> 2	22 <sup>34</sup> 34	11 <sup>43</sup> 43	26 <sup>12</sup> 12	19 <sup>39</sup> 39	24 <sup>2</sup> 2	3 <sup>2</sup> 2	29 <sup>17</sup> 17	29 <sup>3</sup> 3	16 <sup>25</sup> 25	15 <sup>26</sup> 26	M 25
T 26	10 23 55	7 <sup>14</sup> 47	8 <sup>6</sup> 6	8 <sup>1</sup> 1	23 <sup>17</sup> 17	22 <sup>56</sup> 56	11 <sup>41</sup> 41	26 <sup>15</sup> 15	19 <sup>42</sup> 42	24 <sup>4</sup> 4	3 <sup>1</sup> 1	29 <sup>18</sup> 18	29 <sup>0</sup> 0	16 <sup>31</sup> 31	15 <sup>24</sup> 24	T 26
W 27	10 27 52	8 <sup>15</sup> 21	19 <sup>53</sup> 53	6 <sup>52</sup> 52	24 <sup>32</sup> 32	23 <sup>16</sup> 16	11 <sup>39</sup> 39	26 <sup>18</sup> 18	19 <sup>45</sup> 45	24 <sup>6</sup> 6	3 <sup>0</sup> 0	29 <sup>19</sup> 19	28 <sup>57</sup> 57	16 <sup>38</sup> 38	15 <sup>23</sup> 23	W 27
T 28	10 31 48	9 <sup>15</sup> 53	1 <sup>43</sup> 43	5 <sup>43</sup> 43	25 <sup>47</sup> 47	23 <sup>37</sup> 37	11 <sup>37</sup> 37	26 <sup>22</sup> 22	19 <sup>49</sup> 49	24 <sup>8</sup> 8	2 <sup>59</sup> 59	29 <sup>19</sup> 19	28 <sup>53</sup> 53	16 <sup>45</sup> 45	15 <sup>21</sup> 21	T 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
F 1	17s10	9n15	0s31	14s 2	1s28	21s37	0s 3	13s58	1n42	22n43	0n 2	16n57	2s10	5s17	0s45	F 1
S 2	16 53	3 48	1 35	13 21	1 21	21 27	0 5	14 6	1 42	22 43	0 2	16 58	2 9	5 15	0 45	S 2
S 3	16 35	1s50	2 36	12 41	1 12	21 16	0 8	14 14	1 42	22 44	0 2	16 58	2 9	5 14	0 45	S 3
M 4	16 18	7 27	3 30	11 59	1 3	21 5	0 11	14 22	1 42	22 45	0 2	16 59	2 9	5 13	0 45	M 4
T 5	16 0	12 53	4 16	11 18	0 53	20 54	0 13	14 30	1 42	22 46	0 3	16 59	2 8	5 12	0 45	T 5
W 6	15 42	17 56	4 51	10 36	0 43	20 41	0 16	14 38	1 42	22 46	0 3	17 0	2 8	5 11	0 45	W 6
T 7	15 23	22 18	5 12	9 54	0 31	20 29	0 18	14 45	1 42	22 47	0 3	17 0	2 8	5 9	0 45	T 7
F 8	15 4	25 39	5 17	9 13	0 19	20 15	0 21	14 53	1 42	22 48	0 3	17 1	2 8	5 8	0 45	F 8
S 9	14 45	27 38	5 5	8 33	0 5	20 1	0 23	15 0	1 42	22 48	0 3	17 1	2 7	5 7	0 45	S 9
S 10	14 26	27 54	4 33	7 54	0n 9	19 46	0 26	15 7	1 42	22 49	0 3	17 2	2 7	5 6	0 45	S 10
M 11	14 6	26 15	3 44	7 17	0 23	19 31	0 28	15 15	1 42	22 49	0 3	17 3	2 7	5 4	0 45	M 11
T 12	13 47	22 44	2 38	6 41	0 39	19 15	0 30	15 22	1 42	22 50	0 3	17 3	2 6	5 3	0 45	T 12
W 13	13 27	17 37	1 20	6 8	0 55	18 59	0 33	15 29	1 42	22 50	0 4	17 4	2 6	5 2	0 45	W 13
T 14	13 7	11 23	0n 4	5 38	1 11	18 42	0 35	15 35	1 42	22 51	0 4	17 5	2 6	5 1	0 45	T 14
F 15	12 46	4 31	1 27	5 11	1 28	18 24	0 37	15 42	1 42	22 51	0 4	17 6	2 6	4 59	0 45	F 15
S 16	12 25	2n27	2 43	4 47	1 44	18 6	0 40	15 49	1 42	22 52	0 4	17 6	2 5	4 58	0 45	S 16
S 17	12 5	9 7	3 46	4 28	2 1	17 48	0 42	15 55	1 42	22 52	0 4	17 7	2 5	4 57	0 45	S 17
M 18	11 44	15 8	4 33	4 14	2 17	17 29	0 44	16 1	1 42	22 53	0 4	17 8	2 5	4 56	0 45	M 18
T 19	11 22	20 12	5 4	4 4	2 33	17 9	0 46	16 8	1 42	22 53	0 4	17 9	2 4	4 54	0 45	T 19
W 20	11 1	24 6	5 17	3 59	2 47	16 49	0 48	16 14	1 42	22 54	0 4	17 10	2 4	4 53	0 45	W 20
T 21	10 39	26 43	5 14	3 59	3 1	16 28	0 50	16 20	1 42	22 54	0 4	17 11	2 4	4 52	0 45	T 21
F 22	10 18	27 56	4 57	4 4	3 13	16 7	0 52	16 26	1 42	22 54	0 5	17 12	2 4	4 50	0 45	F 22
S 23	9 56	27 46	4 26	4 14	3 23	15 46	0 54	16 32	1 42	22 55	0 5	17 13	2 3	4 49	0 45	S 23
S 24	9 34	26 18	3 44	4 28	3 31	15 24	0 56	16 37	1 42	22 55	0 5	17 13	2 3	4 48	0 45	S 24
M 25	9 11	23 39	2 53	4 46	3 37	15 2	0 58	16 43	1 41	22 55	0 5	17 14	2 3	4 46	0 45	M 25
T 26	8 49	20 2	1 55	5 8	3 40	14 39	1 0	16 48	1 41	22 56	0 5	17 15	2 3	4 45	0 45	T 26
W 27	8 27	15 37	0 52	5 32	3 41	14 16	1 1	16 54	1 41	22 56	0 5	17 16	2 2	4 44	0 45	W 27
T 28	8s 4	10n37	0s13	5s58	3n40	13s52	1s 3	16s59	1n41	22n56	0n 5	17n18	2s 2	4s42	0s45	T 28

## ASTRODIENST EPHEMERIS for the year 2678

MARCH 2678

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	10 35 45	10°16'24"	13°37'37"	4°R37	27°22'2	23°15'57	11°R36	26°25'25	19°15'52	24°11'11	2°R58	29°R18	28°22'50	16°15'51	15°R19	F 1
S 2	10 39 41	11°16'54"	25°37'37"	3°13'33	28°17'17	24°17'17	11°23'35	26°29'29	19°55'55	24°13'13	2°15'57	29°17'17	28°47'47	16°58'58	15°23'18	S 2
S 3	10 43 38	12°17'22"	7°46'46	2°34'34	29°32'32	24°36'36	11°34'34	26°32'32	19°59'59	24°15'15	2°56'56	29°16'16	28°44'44	17°5'5	15°16'16	S 3
M 4	10 47 35	13°17'48"	20°5'5	1°40'40	0°47'47	24°55'55	11°33'33	26°36'36	20°2'2	24°17'17	2°55'55	29°14'14	28°41'41	17°11'11	15°15'15	M 4
T 5	10 51 31	14°18'13"	2°13'36	0°53'53	2°2'2	25°14'14	11°33'33	26°40'40	20°6'6	24°19'19	2°54'54	29°12'12	28°38'38	17°18'18	15°13'13	T 5
W 6	10 55 28	15°18'37"	15°20'20	0°13'13	3°17'17	25°32'32	11°32'32	26°44'44	20°9'9	24°22'22	2°53'53	29°9'9	28°34'34	17°25'25	15°12'12	W 6
T 7	10 59 24	16°18'59"	28°21'21	29°40'40	4°32'32	25°50'50	11°D32	26°48'48	20°13'13	24°24'24	2°52'52	29°8'8	28°31'31	17°31'31	15°11'11	T 7
F 8	11 3 21	17°19'21"	11°19'21	29°15'15	5°47'47	26°8'8	11°32'32	26°52'52	20°16'16	24°26'26	2°51'51	29°D 7	28°28'28	17°38'38	15°10'10	F 8
S 9	11 7 17	18°19'41"	25°18'18	28°57'57	7°2'2	26°25'25	11°32'32	26°57'57	20°20'20	24°29'29	2°50'50	29°7'7	28°25'25	17°44'44	15°9'9	S 9
S 10	11 11 14	19°19'59"	9°31'31	28°46'46	8°17'17	26°41'41	11°33'33	27°1'1	20°23'23	24°31'31	2°49'49	29°8'8	28°22'22	17°51'51	15°8'8	S 10
M 11	11 15 10	20°20'16"	23°36'36	28°D42	9°32'32	26°57'57	11°33'33	27°5'5	20°26'26	24°33'33	2°48'48	29°9'9	28°19'19	17°58'58	15°7'7	M 11
T 12	11 19 7	21°20'32"	8°13'13	28°44'44	10°47'47	27°13'13	11°34'34	27°10'10	20°30'30	24°35'35	2°48'48	29°11'11	28°15'15	18°4'4	15°6'6	T 12
W 13	11 23 4	22°20'46"	23°4'4	28°53'53	12°2'2	27°28'28	11°35'35	27°14'14	20°33'33	24°38'38	2°47'47	29°R11	28°12'12	18°11'11	15°5'5	W 13
T 14	11 27 0	23°20'58"	8°13'13	29°8'8	13°16'16	27°43'43	11°37'37	27°19'19	20°37'37	24°40'40	2°46'46	29°11'11	28°9'9	18°18'18	15°5'5	T 14
F 15	11 30 57	24°21'09"	23°0'0	29°28'28	14°31'31	27°57'57	11°38'38	27°24'24	20°40'40	24°42'42	2°45'45	29°10'10	28°6'6	18°24'24	15°4'4	F 15
S 16	11 34 53	25°21'18"	7°14'49	29°54'54	15°46'46	28°11'11	11°40'40	27°29'29	20°44'44	24°44'44	2°45'45	29°7'7	28°3'3	18°31'31	15°4'4	S 16
S 17	11 38 50	26°21'25"	22°21'21	0°13'24	17°1'1	28°24'24	11°41'41	27°34'34	20°47'47	24°47'47	2°44'44	29°3'3	27°59'59	18°38'38	15°4'4	S 17
M 18	11 42 46	27°21'30"	6°13'31	0°59'59	18°16'16	28°37'37	11°43'43	27°39'39	20°50'50	24°49'49	2°43'43	28°59'59	27°56'56	18°44'44	15°3'3	M 18
T 19	11 46 43	28°21'34"	20°14'14	1°39'39	19°31'31	28°49'49	11°46'46	27°44'44	20°54'54	24°51'51	2°43'43	28°55'55	27°53'53	18°51'51	15°3'3	T 19
W 20	11 50 39	29°21'35"	3°13'30	2°22'22	20°46'46	29°0'0	11°48'48	27°49'49	20°57'57	24°54'54	2°42'42	28°51'51	27°50'50	18°58'58	15°D 3	W 20
T 21	11 54 36	0°13'24	16°20'20	3°9'9	22°1'1	29°12'12	11°51'51	27°54'54	21°1'1	24°56'56	2°41'41	28°49'49	27°47'47	19°4'4	15°3'3	T 21
F 22	11 58 33	1°21'31	28°49'49	3°59'59	23°15'15	29°22'22	11°53'53	27°59'59	21°4'4	24°58'58	2°41'41	28°D48	27°44'44	19°11'11	15°3'3	F 22
S 23	12 2 29	2°21'26"	10°59'59	4°52'52	24°30'30	29°32'32	11°56'56	28°5'5	21°8'8	25°0'0	2°40'40	28°48'48	27°40'40	19°18'18	15°3'3	S 23
S 24	12 6 26	3°21'18"	22°57'57	5°49'49	25°45'45	29°41'41	12°0'0	28°10'10	21°11'11	25°3'3	2°40'40	28°50'50	27°37'37	19°24'24	15°4'4	S 24
M 25	12 10 22	4°21'09"	4°12'47	6°48'48	27°0'0	29°50'50	12°3'3	28°16'16	21°14'14	25°5'5	2°39'39	28°51'51	27°34'34	19°31'31	15°4'4	M 25
T 26	12 14 19	5°20'57"	16°33'33	7°50'50	28°15'15	29°58'58	12°6'6	28°21'21	21°18'18	25°7'7	2°39'39	28°53'53	27°31'31	19°37'37	15°4'4	T 26
W 27	12 18 15	6°20'43"	28°22'22	8°54'54	29°29'29	0°13'24	12°10'10	28°27'27	21°21'21	25°9'9	2°38'38	28°R54	27°28'28	19°44'44	15°5'5	W 27
T 28	12 22 12	7°20'27"	10°13'13	10°1'1	0°14'44	0°13'13	12°14'14	28°33'33	21°24'24	25°12'12	2°38'38	28°53'53	27°25'25	19°51'51	15°6'6	T 28
F 29	12 26 8	8°20'09"	22°16'16	11°10'10	1°59'59	0°19'19	12°18'18	28°38'38	21°28'28	25°14'14	2°37'37	28°50'50	27°21'21	19°57'57	15°6'6	F 29
S 30	12 30 5	9°19'49"	4°12'28	12°21'21	3°14'14	0°25'25	12°22'22	28°44'44	21°31'31	25°16'16	2°37'37	28°46'46	27°18'18	20°4'4	15°7'7	S 30
S 31	12 34 1	10°19'27"	16°15'52	13°13'35	4°19'28	0°13'30	12°27'27	28°50'50	21°34'34	25°18'18	2°13'36	28°40'40	27°15'15	20°11'11	15°8'8	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂	♂	♂	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s41	5n13	1s19	6s25	3n37	13s28	1s 5	17s 4	1n41	22n56	0n 5	17n19	2s 2	4s41	0s45	3s11	0s57	20n45	1n21	11s40	11s50	16n45	15n25	7s 6
S 2	7 19	0s25	2 21	6 53	3 31	13 4	1 6	17 9	1 41	22 57	0 5	17 20	2 1	4 40	0 45	3 10	0 57	20 45	1 21	11 41	11 51	16 42	15 26	7 6
S 3	6 56	6 6	3 17	7 21	3 24	12 39	1 8	17 14	1 40	22 57	0 6	17 21	2 1	4 38	0 45	3 9	0 57	20 45	1 22	11 41	11 52	16 39	15 26	7 5
M 4	6 33	11 37	4 6	7 48	3 15	12 14	1 9	17 19	1 40	22 57	0 6	17 22	2 1	4 37	0 45	3 8	0 57	20 46	1 22	11 42	11 53	16 36	15 27	7 5
T 5	6 9	16 45	4 43	8 14	3 4	11 49	1 11	17 23	1 40	22 57	0 6	17 23	2 1	4 36	0 45	3 8	0 57	20 46	1 22	11 43	11 55	16 34	15 28	7 4
W 6	5 46	21 16	5 7	8 39	2 53	11 23	1 12	17 28	1 40	22 57	0 6	17 24	2 0	4 34	0 45	3 7	0 57	20 46	1 22	11 44	11 56	16 31	15 28	7 4
T 7	5 23	24 51	5 16	9 2	2 41	10 57	1 14	17 32	1 39	22 57	0 6	17 25	2 0	4 33	0 45	3 6	0 57	20 46	1 22	11 44	11 57	16 28	15 29	7 3
F 8	4 59	27 12	5 9	9 23	2 28	10 31	1 15	17 37	1 39	22 57	0 6	17 27	2 0	4 32	0 45	3 5	0 57	20 47	1 22	11 44	11 58	16 25	15 30	7 3
S 9	4 36	28 0	4 44	9 42	2 15	10 5	1 16	17 41	1 39	22 57	0 6	17 28	2 0	4 30	0 45	3 4	0 57	20 47	1 22	11 44	11 59	16 22	15 30	7 2
S 10	4 12	27 3	4 2	9 58	2 1	9 38	1 17	17 45	1 38	22 58	0 6	17 29	1 59	4 29	0 45	3 3	0 57	20 47	1 22	11 44	12 0	16 19	15 31	7 2
M 11	3 49	24 19	3 4	10 13	1 47	9 11	1 18	17 49	1 38	22 58	0 6	17 30	1 59	4 28	0 45	3 2	0 57	20 47	1 22	11 44	12 1	16 16	15 31	7 1
T 12	3 25	19 58	1 53	10 25	1 33	8 43	1 19	17 53	1 38	22 58	0 7	17 31	1 59	4 26	0 45	3 1	0 57	20 48	1 22	11 43	12 2	16 14	15 32	7 1
W 13	3 2	14 19	0 34	10 35	1 20	8 16	1 20	17 57	1 37	22 58	0 7	17 33	1 59	4 25	0 45	3 0	0 57	20 48	1 22	11 43	12 3	16 11	15 33	7 0
T 14	2 38	7 46	0n49	10 42	1 6	7 48	1 21	18 0	1 37	22 58	0 7	17 34	1 58	4 23	0 45	3 0	0 57	20 48	1 22	11 43	12 4	16 8	15 33	7 0
F 15	2 14	0 49	2 7	10 48	0 53	7 20	1 22	18 4	1 37	22 58	0 7	17 35	1 58	4 22	0 45	2 59	0 57	20 48	1 22	11 43	12 6	16 5	15 34	6 59
S 16	1 50	6n 6	3 17	10 51	0 40	6 52	1 23	18 7	1 36	22 58	0 7	17 37	1 58	4 21	0 45	2 58	0 57	20 48	1 22	11 44	12 7	16 2	15 34	6 58
S 17	1 27	12 34	4 12	10 52	0 27	6 23	1 23	18 10	1 36	22 57	0 7	17 38	1 58	4 19	0 45	2 57	0 57	20 49	1 22	11 46	12 8	15 59	15 35	6 58
M 18	1 3	18 12	4 50	10 51	0 15	5 55	1 24	18 14	1 35	22 57	0 7	17 39	1 58	4 18	0 45	2 56	0 57	20 49	1 22	11 47	12 9	15 56	15 36	6 57
T 19	0 39	22 43	5 10	10 48	0 3	5 26	1 25	18 17	1 35	22 57	0 7	17 41	1 57	4 17	0 45	2 55	0 57	20 49	1 22	11 49	12 10	15 53	15 36	6 57
W 20	0 15	25 53	5 12	10 44	0s 9	4 57	1 25	18 20	1 34	22 57	0 7	17 42	1 57	4 15	0 45	2 54	0 58	20 49	1 22	11 50	12 11	15 51	15 37	6 56
T 21	0n 9	27 37	4 59	10 37	0 20	4 28	1 26	18 23	1 34	22 57	0 7	17 43	1 57	4 14	0 45	2 53	0 58	20 49	1 22	11 51	12 12	15 48	15 37	6 56
F 22	0 32	27 53	4 32	10 29	0 30	3 59	1 26	18 26	1 33	22 57	0 8	17 45	1 57	4 13	0 45	2 52	0 58	20 50	1 22	11 51	12 13	15 45	15 38	6 55
S 23	0 56	26 46	3 53	10 19	0 40	3 30	1 26	18 28	1 33	22 57	0 8	17 46	1 56	4 11	0 45	2 51	0 58	20 50	1 22	11 51	12 14	15 42	15 38	6 55
S 24	1 20	24 26	3 4	10 7	0 50	3 0	1 27	18 31	1 32	22 57	0 8	17 48	1 56	4 10	0 45	2 51	0 58	20 50	1 22	11 50	12 15	15 39	15 39	6 54
M 25	1 43	21 4	2 8	9 54	0 59	2 31	1 27	18 33	1 31	22 56	0 8	17 49	1 56	4 9	0 45	2 50	0 58	20 50	1 22	11 50	12 16	15 36	15 39	6 54
T 26	2 7	16 53	1 7	9 39	1 8	2 2	1 27	18 36	1 31	22 56	0 8	17 50	1 56	4 7	0 45	2 49	0 58	20 50	1 22	11 49	12 18	15 33	15 40	6 53
W 27	2 31	12 3	0 3	9 23	1 17	1 32	1 27	18 38	1 30	22 56	0 8	17 52	1 56	4 6	0 45	2 48	0 58	20 50	1 22	11 49	12 19	15 30	15 40	6 52
T 28	2 54	6 45	1s 2	9 5	1 25	1 2	1 27	18 40	1 29	22 56	0 8	17 53	1 55	4 5	0 45	2 47	0 58	20 50	1 22	11 49	12 20	15 27	15 41	6 52
F 29	3 18	1 10	2 4	8 46	1 32	0 33	1 27	18 42	1 28	22 55	0 8	17 55	1 55	4 3	0 45	2 46	0 58	20 51	1 23	11 50	12 21	15 24	15 41	6 51
S 30	3 41	4s33	3 1	8 26	1 39	0 3	1 27	18 44	1 28	22 55	0 8	17 56	1 55	4 2	0 45	2 45	0 58	20 51	1 23	11 52	12 22	15 21	15 42	6 51
S 31	4n 4	10s10	3s51	8s 4	1s46	0n27	1s27	18s46	1n27	22n55	0n 8	17n58	1s55	4s 1	0s45	2s44	0s58	20n51	1n23	11s54	12s23	15n19	15n42	6s50

## ASTRODIENST EPHEMERIS for the year 2678

APRIL 2678

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	12 37 58	11°19'03	29°29'	14°50'	5°43'	0°34'	12°31'	28°56'	21°38'	25°21'	2°36'	28°32'	27°12'	20°17'	15°09'	M 1
T 2	12 41 55	12°18'37	12°18'	16° 7'	6°58'	0°38'	12°36'	29° 2'	21°41'	25°23'	2°36'	28°32'	27° 9'	20°24'	15°10'	T 2
W 3	12 45 51	13°18'09	25°20'	17°25'	8°12'	0°41'	12°41'	29° 8'	21°44'	25°25'	2°35'	28°17'	27° 5'	20°31'	15°11'	W 3
T 4	12 49 48	14°17'40	8°36'	18°46'	9°27'	0°43'	12°46'	29°15'	21°47'	25°27'	2°35'	28°11'	27° 2'	20°37'	15°12'	T 4
F 5	12 53 44	15°17'09	22° 3'	20° 8'	10°42'	0°45'	12°51'	29°21'	21°51'	25°29'	2°35'	28° 6'	26°59'	20°44'	15°14'	F 5
S 6	12 57 41	16°16'36	5°34'	21°32'	11°56'	0°46'	12°57'	29°27'	21°54'	25°32'	2°35'	28° 4'	26°56'	20°51'	15°15'	S 6
S 7	13 1 37	17°16'01	19°36'	22°57'	13°11'	0°R46	13° 2'	29°33'	21°57'	25°34'	2°34'	28°D 3	26°53'	20°57'	15°16'	S 7
M 8	13 5 34	18°15'25	3°22'	24°24'	14°25'	0°45'	13° 8'	29°40'	22° 0'	25°36'	2°34'	28° 4'	26°50'	21° 4'	15°18'	M 8
T 9	13 9 31	19°14'47	17°59'	25°53'	15°40'	0°44'	13°14'	29°46'	22° 3'	25°38'	2°34'	28° 5'	26°46'	21°10'	15°20'	T 9
W10	13 13 27	20°14'07	2°26'	27°23'	16°55'	0°42'	13°20'	29°53'	22° 7'	25°40'	2°34'	28°R 5	26°43'	21°17'	15°21'	W10
T 11	13 17 24	21°13'26	17° 0'	28°54'	18° 9'	0°39'	13°26'	29°59'	22°10'	25°42'	2°34'	28° 4'	26°40'	21°24'	15°23'	T 11
F 12	13 21 20	22°12'42	1°35'	0°27'	19°24'	0°35'	13°32'	0°II 6	22°13'	25°44'	2°34'	28° 0'	26°37'	21°30'	15°25'	F 12
S 13	13 25 17	23°11'57	16° 6'	2° 1'	20°38'	0°31'	13°39'	0°13'	22°16'	25°46'	2°34'	27°54'	26°34'	21°37'	15°27'	S 13
S 14	13 29 13	24°11'10	0°25'	3°37'	21°53'	0°25'	13°45'	0°19'	22°19'	25°48'	2°33'	27°45'	26°30'	21°44'	15°29'	S 14
M15	13 33 10	25°10'20	14°28'	5°15'	23° 7'	0°19'	13°52'	0°26'	22°22'	25°50'	2°D33	27°36'	26°27'	21°50'	15°31'	M15
T 16	13 37 6	26° 9'29	28° 8'	6°53'	24°22'	0°13'	13°59'	0°33'	22°25'	25°53'	2°33'	27°26'	26°24'	21°57'	15°33'	T 16
W17	13 41 3	27° 8'36	11°25'	8°34'	25°36'	0° 5'	14° 6'	0°40'	22°28'	25°55'	2°33'	27°17'	26°21'	22° 4'	15°36'	W17
T 18	13 44 59	28° 7'40	6°49'	10°15'	26°51'	29°M57	14°14'	0°47'	22°31'	25°57'	2°34'	27°10'	26°18'	22°10'	15°38'	T 18
F 19	13 48 56	29° 6'42	6°49'	11°58'	28° 5'	29°48'	14°21'	0°54'	22°34'	25°59'	2°34'	27° 5'	26°15'	22°17'	15°40'	F 19
S 20	13 52 53	0° 5'42	19° 2'	13°43'	29°19'	29°38'	14°28'	1° 0'	22°37'	26° 1'	2°34'	27° 3'	26°11'	22°24'	15°43'	S 20
S 21	13 56 49	1° 4'40	1° 1'	15°29'	0°34'	29°28'	14°36'	1° 7'	22°40'	26° 2'	2°34'	27°D 2	26° 8'	22°30'	15°45'	S 21
M22	14 0 46	2° 3'35	12°51'	17°17'	1°48'	29°16'	14°44'	1°15'	22°43'	26° 4'	2°34'	27° 2'	26° 5'	22°37'	15°48'	M22
T 23	14 4 42	3° 2'28	24°39'	19° 6'	3° 3'	29° 4'	14°52'	1°22'	22°45'	26° 6'	2°34'	27°R 3	26° 2'	22°44'	15°51'	T 23
W24	14 8 39	4° 1'19	6°29'	20°57'	4°17'	28°52'	15° 0'	1°29'	22°48'	26° 8'	2°34'	27° 3'	25°59'	22°50'	15°54'	W24
T 25	14 12 35	5° 0'08	18°26'	22°49'	5°31'	28°38'	15° 8'	1°36'	22°51'	26°10'	2°35'	27° 0'	25°56'	22°57'	15°57'	T 25
F 26	14 16 32	5°58'54	0°34'	24°43'	6°46'	28°24'	15°16'	1°43'	22°54'	26°12'	2°35'	26°56'	25°52'	23° 3'	15°59'	F 26
S 27	14 20 28	6°57'38	12°57'	26°38'	8° 0'	28° 9'	15°25'	1°50'	22°56'	26°14'	2°35'	26°48'	25°49'	23°10'	16° 3'	S 27
S 28	14 24 25	7°56'21	25°36'	28°35'	9°14'	27°54'	15°33'	1°58'	22°59'	26°16'	2°36'	26°39'	25°46'	23°17'	16° 6'	S 28
M29	14 28 22	8°55'01	8°31'	0°33'	10°28'	27°37'	15°42'	2° 5'	23° 2'	26°17'	2°36'	26°27'	25°43'	23°23'	16° 9'	M29
T 30	14 32 18	9°53'40	21°14'3	2°33'	11°43'	27°M21	15°51'	2°12'	23° 4'	26°19'	2°36'	26°15'	25°40'	23°130	16°12	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	4n28	15s27	4s30	7s40	1s52	0n56	1s26	18s48	1n26	22n54	0n 8	17n59	1s55	4s 0	0s45	2s44
T 2	4 51	20 10	4 57	7 16	1 57	1 26	1 26	18 49	1 25	22 54	0 8	18 1	1 54	3 58	0 45	2 43
W 3	5 14	24 1	5 8	6 50	2 2	1 56	1 26	18 51	1 24	22 54	0 9	18 2	1 54	3 57	0 45	2 42
T 4	5 37	26 39	5 3	6 23	2 7	2 25	1 25	18 52	1 23	22 53	0 9	18 4	1 54	3 56	0 45	2 41
F 5	6 0	27 49	4 42	5 54	2 11	2 55	1 25	18 54	1 22	22 53	0 9	18 5	1 54	3 55	0 45	2 40
S 6	6 23	27 18	4 5	5 25	2 15	3 25	1 24	18 55	1 21	22 52	0 9	18 7	1 54	3 53	0 45	2 39
S 7	6 45	25 6	3 12	4 54	2 18	3 54	1 23	18 56	1 20	22 52	0 9	18 8	1 53	3 52	0 45	2 39
M 8	7 8	21 19	2 8	4 22	2 21	4 24	1 23	18 57	1 19	22 51	0 9	18 10	1 53	3 51	0 45	2 38
T 9	7 30	16 15	0 54	3 50	2 23	4 53	1 22	18 58	1 18	22 51	0 9	18 11	1 53	3 50	0 45	2 37
W10	7 53	10 12	0n23	3 16	2 25	5 22	1 21	18 59	1 16	22 50	0 9	18 13	1 53	3 48	0 45	2 36
T 11	8 15	3 35	1 40	2 41	2 26	5 51	1 20	18 59	1 15	22 50	0 9	18 14	1 53	3 47	0 45	2 35
F 12	8 37	3n14	2 50	2 5	2 27	6 20	1 19	19 0	1 14	22 49	0 9	18 16	1 53	3 46	0 45	2 34
S 13	8 59	9 49	3 48	1 28	2 28	6 49	1 18	19 0	1 13	22 49	0 9	18 17	1 52	3 45	0 45	2 34
S 14	9 21	15 49	4 31	0 50	2 28	7 18	1 17	19 0	1 11	22 48	0 9	18 19	1 52	3 44	0 45	2 33
M15	9 42	20 51	4 57	0 11	2 27	7 46	1 16	19 1	1 10	22 48	0 10	18 20	1 52	3 42	0 45	2 32
T 16	10 4	24 38	5 5	0n29	2 26	8 15	1 15	19 1	1 8	22 47	0 10	18 22	1 52	3 41	0 45	2 31
W17	10 25	26 57	4 56	1 10	2 25	8 43	1 14	19 1	1 7	22 46	0 10	18 24	1 52	3 40	0 45	2 30
T 18	10 46	27 45	4 32	1 52	2 23	9 11	1 13	19 0	1 5	22 46	0 10	18 25	1 52	3 39	0 45	2 30
F 19	11 7	27 6	3 55	2 34	2 20	9 39	1 11	19 0	1 4	22 45	0 10	18 27	1 52	3 38	0 45	2 29
S 20	11 28	25 7	3 9	3 17	2 17	10 6	1 10	19 0	1 2	22 44	0 10	18 28	1 51	3 37	0 45	2 28
S 21	11 48	22 3	2 14	4 1	2 14	10 34	1 8	18 59	1 0	22 43	0 10	18 30	1 51	3 36	0 45	2 27
M22	12 9	18 6	1 15	4 46	2 10	11 1	1 7	18 58	0 58	22 43	0 10	18 31	1 51	3 34	0 45	2 27
T 23	12 29	13 28	0 13	5 31	2 5	11 27	1 5	18 58	0 57	22 42	0 10	18 33	1 51	3 33	0 45	2 26
W24	12 49	8 19	0s50	6 17	2 0	11 54	1 4	18 57	0 55	22 41	0 10	18 34	1 51	3 32	0 45	2 25
T 25	13 9	2 51	1 51	7 4	1 55	12 20	1 2	18 56	0 53	22 40	0 10	18 36	1 51	3 31	0 45	2 25
F 26	13 28	2s48	2 48	7 51	1 49	12 46	1 1	18 54	0 51	22 39	0 10	18 38	1 51	3 30	0 45	2 24
S 27	13 47	8 27	3 39	8 39	1 42	13 12	0 59	18 53	0 49	22 38	0 10	18 39	1 50	3 29	0 45	2 23
S 28	14 6	13 53	4 19	9 27	1 35	13 37	0 57	18 52	0 47	22 38	0 11	18 41	1 50	3 28	0 45	2 22
M29	14 25	18 49	4 47	10 15	1 28	14 2	0 55	18 50	0 45	22 37	0 11	18 42	1 50	3 27	0 45	2 22
T 30	14n44	22s58	5s 0	11n 4	1s20	14n27	0s53	18s48	0n43	22n36	0n11	18n44	1s50	3s26	0s45	2s21

Julian Day Number = 2699269.5, Delta T = 25m37s

Ecliptic obliquity = 23°21'13, Nutation = 0°00'09

Ayanamsha: Fagan/Bradley = 34°13'42, Lahiri = 33°20'42

## ASTRODIENST EPHEMERIS for the year 2678

MAY 2678

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	14 36 15	10♌52'16	5♊9	4♋34	12♌57	27°R 3	16♌0	2♏20	23♋7	26♋21	2♏37	26°R 4	25♌36	23♏37	16♌15	W 1
T 2	14 40 11	11°50'51	18°47	6°36	14°11	26♌45	16° 9	2°27	23° 9	26°23	2°37	25♌54	25°33	23°43	16°19	T 2
F 3	14 44 8	12°49'25	2♌35	8°40	15°25	26°27	16°18	2°34	23°12	26°24	2°37	25°46	25°30	23°50	16°22	F 3
S 4	14 48 4	13°47'56	16°29	10°45	16°39	26° 8	16°27	2°42	23°14	26°26	2°38	25°41	25°27	23°57	16°26	S 4
S 5	14 52 1	14°46'27	0♌29	12°52	17°54	25°49	16°37	2°49	23°17	26°28	2°38	25°39	25°24	24° 3	16°29	S 5
M 6	14 55 57	15°44'55	14°33	14°59	19° 8	25°29	16°46	2°57	23°19	26°29	2°39	25°D38	25°21	24°10	16°33	M 6
T 7	14 59 54	16°43'22	28°40	17° 7	20°22	25° 8	16°56	3° 4	23°22	26°31	2°39	25°R38	25°17	24°17	16°37	T 7
W 8	15 3 51	17°41'47	12♋50	19°15	21°36	24°47	17° 5	3°12	23°24	26°33	2°40	25°38	25°14	24°23	16°40	W 8
T 9	15 7 47	18°40'11	27° 0	21°24	22°50	24°26	17°15	3°19	23°26	26°34	2°40	25°35	25°11	24°30	16°44	T 9
F 10	15 11 44	19°38'33	11♏10	23°33	24° 4	24° 5	17°25	3°27	23°29	26°36	2°41	25°30	25° 8	24°36	16°48	F 10
S 11	15 15 40	20°36'54	25°15	25°43	25°18	23°43	17°35	3°34	23°31	26°37	2°42	25°21	25° 5	24°43	16°52	S 11
S 12	15 19 37	21°35'13	9♌10	27°51	26°32	23°21	17°45	3°42	23°33	26°39	2°42	25°11	25° 2	24°50	16°56	S 12
M13	15 23 33	22°33'30	22°53	29°59	27°46	22°59	17°55	3°50	23°35	26°40	2°43	24°58	24°58	24°56	17° 0	M13
T 14	15 27 30	23°31'46	6♏20	2♏6	29° 0	22°37	18° 6	3°57	23°37	26°42	2°44	24°46	24°55	25° 3	17° 4	T 14
W15	15 31 26	24°30'00	19°27	4°12	0♏14	22°15	18°16	4° 5	23°39	26°43	2°44	24°34	24°52	25°10	17° 9	W15
T 16	15 35 23	25°28'13	2♌14	6°16	1°28	21°53	18°27	4°12	23°41	26°45	2°45	24°24	24°49	25°16	17°13	T 16
F 17	15 39 20	26°26'23	14°42	8°18	2°42	21°30	18°37	4°20	23°43	26°46	2°46	24°17	24°46	25°23	17°17	F 17
S 18	15 43 16	27°24'31	26°54	10°18	3°56	21° 8	18°48	4°28	23°45	26°47	2°47	24°13	24°42	25°30	17°22	S 18
S 19	15 47 13	28°22'38	8♏52	12°16	5°10	20°46	18°59	4°35	23°47	26°49	2°47	24°10	24°39	25°36	17°26	S 19
M20	15 51 9	29°20'43	20°43	14°11	6°24	20°24	19° 9	4°43	23°49	26°50	2°48	24°10	24°36	25°43	17°30	M20
T 21	15 55 6	0♏18'45	2♏31	16° 3	7°38	20° 2	19°20	4°51	23°51	26°51	2°49	24°10	24°33	25°50	17°35	T 21
W22	15 59 2	1°16'46	14°22	17°52	8°52	19°41	19°31	4°59	23°53	26°52	2°50	24° 9	24°30	25°56	17°40	W22
T 23	16 2 59	2°14'45	26°21	19°39	10° 6	19°19	19°42	5° 6	23°55	26°54	2°51	24° 7	24°27	26° 3	17°44	T 23
F 24	16 6 55	3°12'43	8♌34	21°22	11°20	18°59	19°54	5°14	23°56	26°55	2°52	24° 3	24°23	26° 9	17°49	F 24
S 25	16 10 52	4°10'38	21° 3	23° 2	12°34	18°38	20° 5	5°22	23°58	26°56	2°53	23°56	24°20	26°16	17°54	S 25
S 26	16 14 49	5° 8'32	3♏52	24°38	13°47	18°18	20°16	5°29	24° 0	26°57	2°54	23°47	24°17	26°23	17°58	S 26
M27	16 18 45	6° 6'25	17° 3	26°11	15° 1	17°58	20°27	5°37	24° 1	26°58	2°55	23°36	24°14	26°29	18° 3	M27
T 28	16 22 42	7° 4'16	0♌34	27°41	16°15	17°39	20°39	5°45	24° 3	26°59	2°56	23°24	24°11	26°36	18° 8	T 28
W29	16 26 38	8° 2'05	14°24	29° 7	17°29	17°20	20°50	5°52	24° 4	27° 0	2°57	23°13	24° 8	26°43	18°13	W29
T 30	16 30 35	8°59'53	28°27	0♌29	18°42	17° 2	21° 2	6° 0	24° 6	27° 1	2°58	23° 3	24° 4	26°49	18°18	T 30
F 31	16 34 31	9♏57'40	12♌40	1♌48	19♏56	16♏45	21♌14	6♏8	24♋7	27♋2	2♏59	22♌55	24♌1	26♏56	18♌23	F 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	15n 2	25s58	4s58	11n52	1s12	14n51	0s52	18s47	0n40	22n35	0n11	18n45	1s50	3s25	0s45	W 1
T 2	15 20	27 30	4 38	12 41	1 3	15 15	0 50	18 45	0 38	22 34	0 11	18 47	1 50	3 24	0 45	T 2
F 3	15 38	27 22	4 2	13 29	0 54	15 38	0 48	18 43	0 36	22 33	0 11	18 48	1 50	3 23	0 45	F 3
S 4	15 55	25 30	3 11	14 18	0 44	16 2	0 46	18 40	0 34	22 32	0 11	18 50	1 50	3 22	0 45	S 4
S 5	16 13	22 5	2 9	15 6	0 35	16 24	0 44	18 38	0 31	22 31	0 11	18 51	1 49	3 21	0 45	S 5
M 6	16 30	17 21	0 58	15 53	0 25	16 47	0 41	18 36	0 29	22 29	0 11	18 53	1 49	3 20	0 45	M 6
T 7	16 46	11 39	0n16	16 39	0 14	17 8	0 39	18 33	0 26	22 28	0 11	18 55	1 49	3 19	0 45	T 7
W 8	17 3	5 20	1 30	17 25	0 4	17 30	0 37	18 31	0 24	22 27	0 11	18 56	1 49	3 18	0 45	W 8
T 9	17 19	1n14	2 38	18 9	0n 7	17 51	0 35	18 28	0 21	22 26	0 11	18 58	1 49	3 18	0 45	T 9
F 10	17 35	7 43	3 36	18 53	0 17	18 11	0 33	18 25	0 19	22 25	0 11	18 59	1 49	3 17	0 46	F 10
S 11	17 50	13 46	4 20	19 34	0 28	18 31	0 31	18 22	0 16	22 24	0 12	19 1	1 49	3 16	0 46	S 11
S 12	18 6	19 4	4 49	20 14	0 39	18 51	0 28	18 19	0 14	22 22	0 12	19 2	1 49	3 15	0 46	S 12
M13	18 21	23 16	5 0	20 52	0 49	19 10	0 26	18 16	0 11	22 21	0 12	19 4	1 49	3 14	0 46	M13
T 14	18 35	26 7	4 54	21 28	0 59	19 29	0 24	18 13	0 9	22 20	0 12	19 5	1 49	3 13	0 46	T 14
W15	18 50	27 28	4 33	22 2	1 9	19 47	0 22	18 10	0 6	22 18	0 12	19 7	1 49	3 13	0 46	W15
T 16	19 4	27 18	3 58	22 34	1 18	20 4	0 19	18 7	0 3	22 17	0 12	19 8	1 48	3 12	0 46	T 16
F 17	19 17	25 44	3 13	23 3	1 27	20 21	0 17	18 4	0 1	22 16	0 12	19 9	1 48	3 11	0 46	F 17
S 18	19 31	22 59	2 19	23 29	1 35	20 37	0 15	18 1	0s 2	22 14	0 12	19 11	1 48	3 10	0 46	S 18
S 19	19 44	19 16	1 20	23 53	1 43	20 53	0 12	17 57	0 5	22 13	0 12	19 12	1 48	3 10	0 46	S 19
M20	19 56	14 49	0 18	24 15	1 50	21 8	0 10	17 54	0 7	22 11	0 12	19 14	1 48	3 9	0 46	M20
T 21	20 9	9 51	0s44	24 34	1 57	21 23	0 7	17 51	0 10	22 10	0 12	19 15	1 48	3 8	0 46	T 21
W22	20 21	4 31	1 45	24 50	2 2	21 37	0 5	17 48	0 13	22 9	0 12	19 17	1 48	3 7	0 46	W22
T 23	20 32	1s 2	2 42	25 4	2 7	21 51	0 3	17 44	0 15	22 7	0 12	19 18	1 48	3 7	0 46	T 23
F 24	20 43	6 38	3 32	25 16	2 11	22 3	0 0	17 41	0 18	22 5	0 12	19 20	1 48	3 6	0 46	F 24
S 25	20 54	12 6	4 14	25 25	2 15	22 16	0n 2	17 38	0 21	22 4	0 13	19 21	1 48	3 6	0 46	S 25
S 26	21 5	17 12	4 44	25 32	2 17	22 27	0 5	17 35	0 23	22 2	0 13	19 22	1 48	3 5	0 46	S 26
M27	21 15	21 39	4 59	25 37	2 19	22 38	0 7	17 32	0 26	22 1	0 13	19 24	1 48	3 4	0 46	M27
T 28	21 25	25 4	4 59	25 40	2 20	22 48	0 10	17 29	0 28	21 59	0 13	19 25	1 48	3 4	0 46	T 28
W29	21 34	27 6	4 41	25 41	2 20	22 58	0 12	17 26	0 31	21 57	0 13	19 27	1 48	3 3	0 46	W29
T 30	21 43	27 27	4 6	25 40	2 18	23 7	0 14	17 24	0 33	21 56	0 13	19 28	1 48	3 3	0 46	T 30
F 31	21n52	26s 0	3s16	25n37	2n17	23n15	0n17	17s21	0s36	21n54	0n13	19n29	1s48	3s 2	0s46	F 31

Julian Day Number = 2699299.5, Delta T = 25m37s

Ecliptic obliquity = 23°21'12, Nutation = 0°00'08

Ayanamsha: Fagan/Bradley = 34°13'46, Lahiri = 33°20'46

## ASTRODIENST EPHEMERIS for the year 2678

JUNE 2678

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 38 28	10II55'26	26☾57	3☾ 3	21II10	16°R28	21☾25	6II16	24☾ 8	27☾ 3	3☾ 0	22°R51	23☾58	27☾ 3	18☾28	S 1
S 2	16 42 25	11°53'10	11☾15	4°14	22°24	16II11	21°37	6°23	24°10	27° 4	3° 1	22☾49	23°55	27° 9	18°33	S 2
M 3	16 46 21	12°50'54	25°30	5°21	23°37	15°55	21°49	6°31	24°11	27° 5	3° 2	22°D48	23°52	27°16	18°38	M 3
T 4	16 50 18	13°48'36	9☾40	6°25	24°51	15°40	22° 1	6°39	24°12	27° 6	3° 3	22°R48	23°48	27°23	18°43	T 4
W 5	16 54 14	14°46'17	23°44	7°25	26° 5	15°26	22°13	6°46	24°13	27° 7	3° 4	22°48	23°45	27°29	18°49	W 5
T 6	16 58 11	15°43'58	7☾41	8°20	27°18	15°12	22°25	6°54	24°14	27° 7	3° 5	22°46	23°42	27°36	18°54	T 6
F 7	17 2 7	16°41'37	21°31	9°12	28°32	15° 0	22°37	7° 2	24°16	27° 8	3° 6	22°42	23°39	27°43	18°59	F 7
S 8	17 6 4	17°39'16	5☾11	9°59	29°46	14°47	22°49	7° 9	24°17	27° 9	3° 8	22°35	23°36	27°49	19° 5	S 8
S 9	17 10 0	18°36'54	18°42	10°43	0☾59	14°36	23° 2	7°17	24°18	27°10	3° 9	22°27	23°33	27°56	19°10	S 9
M10	17 13 57	19°34'30	2II 1	11°22	2°13	14°25	23°14	7°24	24°19	27°10	3°10	22°16	23°29	28° 2	19°15	M10
T 11	17 17 54	20°32'06	15° 5	11°56	3°27	14°16	23°26	7°32	24°19	27°11	3°11	22° 6	23°26	28° 9	19°21	T 11
W12	17 21 50	21°29'41	27°55	12°26	4°40	14° 7	23°39	7°40	24°20	27°12	3°13	21°56	23°23	28°16	19°26	W12
T 13	17 25 47	22°27'15	10☾29	12°52	5°54	13°59	23°51	7°47	24°21	27°12	3°14	21°47	23°20	28°22	19°32	T 13
F 14	17 29 43	23°24'47	22°48	13°13	7° 7	13°51	24° 4	7°55	24°22	27°13	3°15	21°41	23°17	28°29	19°37	F 14
S 15	17 33 40	24°22'19	4☾55	13°29	8°21	13°45	24°16	8° 2	24°22	27°13	3°16	21°37	23°14	28°36	19°43	S 15
S 16	17 37 36	25°19'49	16°51	13°41	9°35	13°39	24°29	8°10	24°23	27°14	3°18	21°D36	23°10	28°42	19°48	S 16
M17	17 41 33	26°17'18	28°40	13°49	10°48	13°34	24°41	8°17	24°24	27°14	3°19	21°36	23° 7	28°49	19°54	M17
T 18	17 45 29	27°14'46	10II28	13°R51	12° 2	13°30	24°54	8°25	24°24	27°14	3°20	21°37	23° 4	28°56	20° 0	T 18
W19	17 49 26	28°12'13	22°19	13°49	13°15	13°27	25° 7	8°32	24°25	27°15	3°22	21°38	23° 1	29° 2	20° 5	W19
T 20	17 53 23	29° 9'38	4☾18	13°43	14°29	13°25	25°20	8°40	24°25	27°15	3°23	21°R38	22°58	29° 9	20°11	T 20
F 21	17 57 19	0☾ 7'03	16°31	13°33	15°42	13°23	25°32	8°47	24°26	27°15	3°24	21°36	22°54	29°16	20°17	F 21
S 22	18 1 16	1° 4'27	29° 2	13°18	16°55	13°D22	25°45	8°54	24°26	27°16	3°26	21°33	22°51	29°22	20°22	S 22
S 23	18 5 12	2° 1'49	11II55	12°59	18° 9	13°22	25°58	9° 2	24°26	27°16	3°27	21°28	22°48	29°29	20°28	S 23
M24	18 9 9	2°59'11	25°12	12°37	19°22	13°23	26°11	9° 9	24°27	27°16	3°29	21°21	22°45	29°35	20°34	M24
T 25	18 13 5	3°56'32	8☾55	12°12	20°36	13°25	26°24	9°16	24°27	27°16	3°30	21°13	22°42	29°42	20°40	T 25
W26	18 17 2	4°53'52	23° 0	11°44	21°49	13°27	26°37	9°23	24°27	27°16	3°32	21° 6	22°39	29°49	20°46	W26
T 27	18 20 58	5°51'11	7☾23	11°14	23° 2	13°30	26°50	9°31	24°27	27°17	3°33	21° 0	22°35	29°55	20°52	T 27
F 28	18 24 55	6°48'30	22° 0	10°41	24°16	13°34	27° 3	9°38	24°27	27°17	3°34	20°55	22°32	0II 2	20°57	F 28
S 29	18 28 52	7°45'48	6☾42	10° 8	25°29	13°39	27°16	9°45	24°R27	27°17	3°36	20°52	22°29	0° 9	21° 3	S 29
S 30	18 32 48	8☾43'06	21☾23	9☾34	26☾42	13II45	27☾29	9II52	24☾27	27°R17	3☾37	20°D52	22☾26	0II 15	21☾ 9	S 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	22n 0	22s52	2s13	25n33	2n14	23n23	0n19	17s19	0s38	21n52	0n13	19n31	1s48	3s 2	0s46	2s 5
S 2	22 8	18 19	1 1	25 27	2 10	23 30	0 22	17 16	0 41	21 50	0 13	19 32	1 47	3 1	0 46	2 4
M 3	22 15	12 45	0n14	25 20	2 6	23 36	0 24	17 14	0 43	21 49	0 13	19 33	1 47	3 1	0 46	2 4
T 4	22 23	6 33	1 28	25 12	2 0	23 42	0 26	17 12	0 45	21 47	0 13	19 35	1 47	3 0	0 46	2 4
W 5	22 29	0 5	2 37	25 2	1 54	23 47	0 29	17 10	0 48	21 45	0 13	19 36	1 47	3 0	0 46	2 3
T 6	22 36	6n20	3 35	24 52	1 46	23 51	0 31	17 8	0 50	21 43	0 13	19 37	1 47	2 59	0 46	2 3
F 7	22 41	12 23	4 20	24 40	1 38	23 54	0 34	17 7	0 52	21 41	0 13	19 38	1 47	2 59	0 46	2 3
S 8	22 47	17 45	4 50	24 28	1 29	23 57	0 36	17 5	0 55	21 39	0 14	19 40	1 47	2 59	0 47	2 3
S 9	22 52	22 10	5 3	24 14	1 19	23 59	0 38	17 4	0 57	21 37	0 14	19 41	1 47	2 58	0 47	2 2
M10	22 57	25 22	4 59	24 1	1 9	24 0	0 40	17 3	0 59	21 35	0 14	19 42	1 47	2 58	0 47	2 2
T 11	23 1	27 9	4 40	23 46	0 57	24 1	0 43	17 2	1 1	21 33	0 14	19 43	1 47	2 58	0 47	2 2
W12	23 5	27 27	4 6	23 31	0 45	24 1	0 45	17 1	1 3	21 31	0 14	19 45	1 47	2 57	0 47	2 2
T 13	23 8	26 17	3 22	23 15	0 32	24 0	0 47	17 1	1 5	21 29	0 14	19 46	1 47	2 57	0 47	2 2
F 14	23 11	23 52	2 28	23 0	0 18	23 59	0 49	17 0	1 7	21 27	0 14	19 47	1 47	2 57	0 47	2 1
S 15	23 14	20 24	1 28	22 44	0 3	23 57	0 51	17 0	1 9	21 25	0 14	19 48	1 47	2 57	0 47	2 1
S 16	23 16	16 8	0 26	22 27	0s12	23 54	0 53	17 0	1 11	21 23	0 14	19 49	1 47	2 56	0 47	2 1
M17	23 18	11 18	0s38	22 11	0 28	23 50	0 56	17 1	1 13	21 21	0 14	19 51	1 47	2 56	0 47	2 1
T 18	23 19	6 5	1 40	21 55	0 44	23 46	0 58	17 1	1 15	21 18	0 14	19 52	1 47	2 56	0 47	2 1
W19	23 20	0 37	2 38	21 38	1 0	23 41	1 0	17 2	1 16	21 16	0 14	19 53	1 47	2 56	0 47	2 1
T 20	23 21	4s54	3 29	21 22	1 17	23 35	1 1	17 3	1 18	21 14	0 14	19 54	1 47	2 56	0 47	2 1
F 21	23 21	10 21	4 12	21 6	1 34	23 29	1 3	17 4	1 20	21 12	0 15	19 55	1 47	2 56	0 47	2 1
S 22	23 21	15 31	4 45	20 50	1 52	23 22	1 5	17 5	1 21	21 9	0 15	19 56	1 47	2 55	0 47	2 1
S 23	23 20	20 10	5 4	20 35	2 9	23 14	1 7	17 7	1 23	21 7	0 15	19 57	1 47	2 55	0 47	2 1
M24	23 19	23 58	5 7	20 21	2 25	23 6	1 9	17 9	1 25	21 5	0 15	19 58	1 47	2 55	0 47	2 0
T 25	23 18	26 32	4 53	20 6	2 42	22 57	1 11	17 11	1 26	21 2	0 15	20 0	1 47	2 55	0 47	2 0
W26	23 16	27 32	4 22	19 53	2 58	22 47	1 12	17 13	1 28	21 0	0 15	20 1	1 47	2 55	0 47	2 0
T 27	23 13	26 42	3 33	19 40	3 13	22 37	1 14	17 15	1 29	20 58	0 15	20 2	1 47	2 55	0 47	2 0
F 28	23 11	24 2	2 30	19 28	3 28	22 26	1 16	17 18	1 31	20 55	0 15	20 3	1 47	2 55	0 47	2 0
S 29	23 8	19 46	1 16	19 17	3 42	22 14	1 17	17 21	1 32	20 53	0 15	20 4	1 47	2 55	0 47	2 0
S 30	23n 4	14s17	0n 3	19n 7	3s54	22n 2	1n19	17s23	1s33	20n50	0n15	20n 5	1s47	2s55	0s47	2s 0

Julian Day Number = 2699330.5, Delta T = 25m38s

Ecliptic obliquity = 23°21'11", Nutation = 0°00'09"

Ayanamsha: Fagan/Bradley = 34°13'51", Lahiri = 33°20'51"

## ASTRODIENST EPHEMERIS for the year 2678

JULY 2678

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	18 36 45	9°34'02.3	5°57'	8°R59	27°56'	13°M51	27°542	9°II59	24°R27	27°R17	3°J39	20°552	22°23	0°M22	21°515	M 1
T 2	18 40 41	10°37'40	20°21	8°525	29° 9	13°58	27°55	10° 6	24°R27	27°R17	3°40	20°53	22°20	0°29	21°21	T 2
W 3	18 44 38	11°34'57	4°Y31	7°52	0°J22	14° 5	28° 9	10°13	24°27	27°17	3°42	20°54	22°16	0°35	21°27	W 3
T 4	18 48 34	12°32'14	18°26	7°21	1°35	14°14	28°22	10°20	24°27	27°16	3°43	20°R54	22°13	0°42	21°33	T 4
F 5	18 52 31	13°29'31	2°8 6	6°52	2°49	14°23	28°35	10°27	24°26	27°16	3°45	20°53	22°10	0°49	21°39	F 5
S 6	18 56 28	14°26'48	15°31	6°25	4° 2	14°32	28°48	10°34	24°26	27°16	3°46	20°50	22° 7	0°55	21°45	S 6
S 7	19 0 24	15°24'05	28°42	6° 2	5°15	14°43	29° 2	10°41	24°26	27°16	3°48	20°46	22° 4	1° 2	21°51	S 7
M 8	19 4 21	16°21'21	11°II38	5°42	6°28	14°54	29°15	10°47	24°25	27°16	3°50	20°40	22° 0	1° 9	21°57	M 8
T 9	19 8 17	17°18'38	24°21	5°26	7°42	15° 6	29°28	10°54	24°25	27°15	3°51	20°34	21°57	1°15	22° 3	T 9
W10	19 12 14	18°15'54	6°52	5°14	8°55	15°18	29°41	11° 1	24°24	27°15	3°53	20°29	21°54	1°22	22° 9	W10
T 11	19 16 10	19°13'11	19°10	5° 6	10° 8	15°31	29°55	11° 8	24°24	27°15	3°54	20°25	21°51	1°29	22°15	T 11
F 12	19 20 7	20°10'27	1°J18	5°D 3	11°21	15°45	0°J 8	11°14	24°23	27°14	3°56	20°22	21°48	1°35	22°21	F 12
S 13	19 24 3	21° 7'42	13°17	5° 5	12°34	15°59	0°22	11°21	24°22	27°14	3°57	20°20	21°45	1°42	22°27	S 13
S 14	19 28 0	22° 4'58	25° 8	5°12	13°47	16°14	0°35	11°27	24°22	27°13	3°59	20°D20	21°41	1°48	22°33	S 14
M15	19 31 57	23° 2'13	6°M56	5°24	15° 0	16°29	0°48	11°34	24°21	27°13	4° 1	20°21	21°38	1°55	22°39	M15
T 16	19 35 53	23°59'28	18°43	5°40	16°13	16°45	1° 2	11°40	24°20	27°12	4° 2	20°23	21°35	2° 2	22°45	T 16
W17	19 39 50	24°56'43	0°A34	6° 2	17°26	17° 2	1°15	11°46	24°19	27°12	4° 4	20°25	21°32	2° 8	22°51	W17
T 18	19 43 46	25°53'58	12°33	6°29	18°40	17°19	1°29	11°53	24°18	27°11	4° 5	20°26	21°29	2°15	22°57	T 18
F 19	19 47 43	26°51'12	24°44	7° 1	19°53	17°37	1°42	11°59	24°18	27°11	4° 7	20°R27	21°26	2°22	23° 3	F 19
S 20	19 51 39	27°48'26	7°M14	7°38	21° 5	17°55	1°56	12° 5	24°17	27°10	4° 9	20°26	21°22	2°28	23° 9	S 20
S 21	19 55 36	28°45'40	20° 5	8°19	22°18	18°14	2° 9	12°11	24°16	27°10	4°10	20°25	21°19	2°35	23°15	S 21
M22	19 59 32	29°42'55	3°J21	9° 6	23°31	18°33	2°22	12°17	24°15	27° 9	4°12	20°23	21°16	2°42	23°21	M22
T 23	20 3 29	0°J40'09	17° 4	9°58	24°44	18°53	2°36	12°23	24°13	27° 8	4°13	20°20	21°13	2°48	23°27	T 23
W24	20 7 26	1°37'23	1°J13	10°54	25°57	19°13	2°49	12°29	24°12	27° 7	4°15	20°18	21°10	2°55	23°33	W24
T 25	20 11 22	2°34'37	15°45	11°55	27°10	19°34	3° 3	12°35	24°11	27° 7	4°17	20°16	21° 6	3° 2	23°39	T 25
F 26	20 15 19	3°31'51	0°A35	13° 1	28°23	19°55	3°16	12°41	24°10	27° 6	4°18	20°14	21° 3	3° 8	23°45	F 26
S 27	20 19 15	4°29'05	15°36	14°12	29°36	20°17	3°30	12°47	24° 9	27° 5	4°20	20°D14	21° 0	3°15	23°51	S 27
S 28	20 23 12	5°26'20	0°J38	15°27	0°M48	20°39	3°43	12°53	24° 7	27° 4	4°21	20°14	20°57	3°22	23°57	S 28
M29	20 27 8	6°23'35	15°34	16°46	2° 1	21° 2	3°57	12°58	24° 6	27° 3	4°23	20°14	20°54	3°28	24° 3	M29
T 30	20 31 5	7°20'51	0°Y16	18°10	3°14	21°25	4°10	13° 4	24° 5	27° 2	4°25	20°15	20°51	3°35	24° 9	T 30
W31	20 35 1	8°J18'08	14°Y40	19°538	4°M27	21°M48	4°J23	13°II 9	24°J 3	27°J 1	4°J26	20°A16	20°A47	3°M41	24°515	W31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	23n 0	8s 2	1n21	18n58	4s 5	21n49	1n20	17s27	1s35	20n48	0n15	20n 6	1s47	2s55	0s47	M 1
T 2	22 56	1 28	2 33	18 50	4 15	21 35	1 21	17 30	1 36	20 45	0 15	20 7	1 48	2 55	0 47	T 2
W 3	22 51	5n 5	3 35	18 44	4 24	21 21	1 23	17 33	1 37	20 43	0 15	20 8	1 48	2 56	0 47	W 3
T 4	22 46	11 15	4 23	18 38	4 31	21 6	1 24	17 37	1 38	20 40	0 16	20 9	1 48	2 56	0 48	T 4
F 5	22 40	16 46	4 55	18 34	4 37	20 51	1 25	17 41	1 39	20 37	0 16	20 10	1 48	2 56	0 48	F 5
S 6	22 34	21 22	5 10	18 31	4 41	20 35	1 26	17 45	1 41	20 35	0 16	20 10	1 48	2 56	0 48	S 6
S 7	22 28	24 48	5 8	18 30	4 44	20 18	1 28	17 49	1 42	20 32	0 16	20 11	1 48	2 56	0 48	S 7
M 8	22 21	26 54	4 51	18 29	4 45	20 1	1 29	17 53	1 43	20 30	0 16	20 12	1 48	2 56	0 48	M 8
T 9	22 14	27 33	4 19	18 30	4 45	19 43	1 30	17 58	1 44	20 27	0 16	20 13	1 48	2 57	0 48	T 9
W10	22 7	26 46	3 36	18 32	4 43	19 25	1 30	18 2	1 45	20 24	0 16	20 14	1 48	2 57	0 48	W10
T 11	21 59	24 40	2 42	18 36	4 40	19 6	1 31	18 7	1 46	20 21	0 16	20 15	1 48	2 57	0 48	T 11
F 12	21 51	21 28	1 43	18 40	4 36	18 47	1 32	18 12	1 47	20 19	0 16	20 16	1 48	2 57	0 48	F 12
S 13	21 42	17 24	0 39	18 45	4 30	18 27	1 33	18 17	1 48	20 16	0 16	20 17	1 48	2 58	0 48	S 13
S 14	21 33	12 41	0s26	18 52	4 24	18 7	1 33	18 22	1 49	20 13	0 16	20 17	1 48	2 58	0 48	S 14
M15	21 24	7 32	1 30	18 59	4 16	17 46	1 34	18 27	1 50	20 10	0 16	20 18	1 48	2 58	0 48	M15
T 16	21 14	2 9	2 30	19 7	4 7	17 25	1 35	18 33	1 50	20 8	0 16	20 19	1 48	2 59	0 48	T 16
W17	21 4	3s20	3 24	19 15	3 58	17 4	1 35	18 38	1 51	20 5	0 17	20 20	1 48	2 59	0 48	W17
T 18	20 53	8 46	4 9	19 24	3 48	16 41	1 35	18 44	1 52	20 2	0 17	20 20	1 48	2 59	0 48	T 18
F 19	20 43	13 57	4 44	19 34	3 37	16 19	1 36	18 50	1 53	19 59	0 17	20 21	1 48	3 0	0 48	F 19
S 20	20 32	18 43	5 7	19 43	3 25	15 56	1 36	18 56	1 54	19 56	0 17	20 22	1 49	3 0	0 48	S 20
S 21	20 20	22 46	5 15	19 53	3 13	15 32	1 36	19 1	1 54	19 53	0 17	20 23	1 49	3 1	0 48	S 21
M22	20 8	25 47	5 7	20 2	3 1	15 9	1 36	19 8	1 55	19 50	0 17	20 23	1 49	3 1	0 48	M22
T 23	19 56	27 24	4 42	20 12	2 48	14 44	1 36	19 14	1 56	19 47	0 17	20 24	1 49	3 1	0 48	T 23
W24	19 44	27 20	3 59	20 21	2 34	14 20	1 36	19 20	1 56	19 44	0 17	20 25	1 49	3 2	0 48	W24
T 25	19 31	25 24	2 59	20 29	2 21	13 55	1 36	19 26	1 57	19 41	0 17	20 25	1 49	3 2	0 48	T 25
F 26	19 18	21 41	1 47	20 37	2 7	13 29	1 36	19 33	1 58	19 38	0 17	20 26	1 49	3 3	0 48	F 26
S 27	19 4	16 31	0 26	20 44	1 53	13 4	1 35	19 39	1 58	19 35	0 17	20 27	1 49	3 3	0 48	S 27
S 28	18 51	10 19	0n57	20 50	1 39	12 38	1 35	19 45	1 59	19 32	0 18	20 27	1 49	3 4	0 48	S 28
M29	18 36	3 35	2 16	20 54	1 25	12 11	1 35	19 52	1 59	19 29	0 18	20 28	1 49	3 5	0 48	M29
T 30	18 22	3n14	3 24	20 57	1 11	11 45	1 34	19 59	2 0	19 26	0 18	20 29	1 49	3 5	0 48	T 30
W31	18n 7	9n44	4n18	20n59	0s57	11n18	1n34	20s 5	2s 0	19n23	0n18	20n29	1s49	3s 6	0s48	W31

Julian Day Number = 2699360.5, Delta T = 25m38s

Ecliptic obliquity = 23°21'11, Nutation = 0°00'11

Ayanamsha: Fagan/Bradley = 34°13'55, Lahiri = 33°20'55

## ASTRODIENST EPHEMERIS for the year 2678

AUGUST 2678

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 38 58	9♏15°25	28♏43	21♏11	5♏39	22♏12	4♏37	13♏15	24°R 2	27°R 1	4♏28	20♏17	20♏44	3♏48	24♏21	T 1
F 2	20 42 55	10°12'43	12♏23	22°47	6°52	22°36	4°50	13°20	24°R 0	27°R 0	4°30	20°R17	20°41	3°55	24°27	F 2
S 3	20 46 51	11°10'02	25°42	24°27	8° 5	23° 1	5° 4	13°25	23°59	26°59	4°31	20°17	20°38	4° 1	24°33	S 3
S 4	20 50 48	12° 7'22	8♏42	26°11	9°17	23°26	5°17	13°31	23°57	26°58	4°33	20°16	20°35	4° 8	24°39	S 4
M 5	20 54 44	13° 4'43	21°24	27°59	10°30	23°52	5°31	13°36	23°56	26°56	4°34	20°15	20°32	4°15	24°45	M 5
T 6	20 58 41	14° 2'04	3♏51	29°49	11°43	24°17	5°44	13°41	23°54	26°55	4°36	20°14	20°28	4°21	24°50	T 6
W 7	21 2 37	14°59'26	16° 5	1♏43	12°55	24°44	5°57	13°46	23°52	26°54	4°38	20°14	20°25	4°28	24°56	W 7
T 8	21 6 34	15°56'49	28°10	3°39	14° 8	25°10	6°11	13°51	23°51	26°53	4°39	20°13	20°22	4°35	25° 2	T 8
F 9	21 10 30	16°54'13	10♏ 7	5°37	15°20	25°37	6°24	13°56	23°49	26°52	4°41	20°13	20°19	4°41	25° 8	F 9
S 10	21 14 27	17°51'38	21°59	7°37	16°33	26° 5	6°37	14° 0	23°47	26°51	4°42	20°D13	20°16	4°48	25°14	S 10
S 11	21 18 24	18°49'03	3♏47	9°40	17°45	26°33	6°51	14° 5	23°45	26°50	4°44	20°13	20°12	4°55	25°19	S 11
M12	21 22 20	19°46'29	15°34	11°43	18°57	27° 1	7° 4	14°10	23°43	26°48	4°46	20°R13	20° 9	5° 1	25°25	M12
T 13	21 26 17	20°43'55	27°22	13°47	20°10	27°29	7°17	14°14	23°42	26°47	4°47	20°13	20° 6	5° 8	25°31	T 13
W14	21 30 13	21°41'23	9♏16	15°52	21°22	27°58	7°30	14°19	23°40	26°46	4°49	20°13	20° 3	5°15	25°37	W14
T 15	21 34 10	22°38'51	21°17	17°57	22°34	28°27	7°44	14°23	23°38	26°45	4°50	20°13	20° 0	5°21	25°42	T 15
F 16	21 38 6	23°36'19	3♏29	20° 2	23°47	28°56	7°57	14°28	23°36	26°43	4°52	20°12	19°57	5°28	25°48	F 16
S 17	21 42 3	24°33'49	15°57	22° 7	24°59	29°26	8°10	14°32	23°34	26°42	4°53	20°12	19°53	5°34	25°53	S 17
S 18	21 45 59	25°31'19	28°45	24°11	26°11	29°56	8°23	14°36	23°32	26°41	4°55	20°D12	19°50	5°41	25°59	S 18
M19	21 49 56	26°28'50	11♏55	26°15	27°23	0♏27	8°36	14°40	23°30	26°39	4°56	20°12	19°47	5°48	26° 4	M19
T 20	21 53 53	27°26'21	25°31	28°18	28°36	0°57	8°49	14°44	23°28	26°38	4°58	20°13	19°44	5°54	26°10	T 20
W21	21 57 49	28°23'54	9♏33	0♏20	29°48	1°28	9° 2	14°48	23°26	26°37	4°59	20°13	19°41	6° 1	26°15	W21
T 22	22 1 46	29°21'27	24° 1	2°21	1♏ 0	2° 0	9°15	14°52	23°24	26°35	5° 1	20°14	19°38	6° 8	26°21	T 22
F 23	22 5 42	0♏19'01	8♏50	4°21	2°12	2°31	9°28	14°55	23°21	26°34	5° 2	20°15	19°34	6°14	26°26	F 23
S 24	22 9 39	1°16'36	23°56	6°19	3°24	3° 3	9°41	14°59	23°19	26°32	5° 4	20°R15	19°31	6°21	26°32	S 24
S 25	22 13 35	2°14'12	9♏ 8	8°16	4°36	3°35	9°54	15° 2	23°17	26°31	5° 5	20°14	19°28	6°28	26°37	S 25
M26	22 17 32	3°11'50	24°19	10°12	5°48	4° 7	10° 7	15° 6	23°15	26°29	5° 7	20°13	19°25	6°34	26°42	M26
T 27	22 21 28	4° 9'28	9♏17	12° 6	7° 0	4°40	10°20	15° 9	23°13	26°28	5° 8	20°12	19°22	6°41	26°47	T 27
W28	22 25 25	5° 7'08	23°57	13°59	8°11	5°13	10°32	15°12	23°10	26°26	5°10	20°10	19°18	6°48	26°53	W28
T 29	22 29 22	6° 4'50	8♏11	15°50	9°23	5°46	10°45	15°15	23° 8	26°25	5°11	20° 8	19°15	6°54	26°58	T 29
F 30	22 33 18	7° 2'33	21°59	17°40	10°35	6°19	10°58	15°19	23° 6	26°23	5°13	20° 7	19°12	7° 1	27° 3	F 30
S 31	22 37 15	8♏ 0'18	5♏21	19♏29	11♏47	6♏53	11♏11	15♏21	23°R 4	26°R22	5♏14	20°D 7	19°R 9	7♏ 8	27°R 8	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	17n52	15n34	4n55	20n59	0s43	10n51	1n33	20s12	2s 1	19n20	0n18	20n30	1s50	3s 6	0s48	2s 8	1s 2
F 2	17 37	20 29	5 14	20 57	0 30	10 23	1 32	20 19	2 1	19 17	0 18	20 30	1 50	3 7	0 48	2 8	1 2
S 3	17 22	24 13	5 16	20 53	0 17	9 55	1 31	20 25	2 2	19 14	0 18	20 31	1 50	3 8	0 49	2 9	1 2
S 4	17 6	26 38	5 1	20 46	0 4	9 27	1 30	20 32	2 2	19 10	0 18	20 31	1 50	3 8	0 49	2 9	1 2
M 5	16 50	27 36	4 32	20 37	0n 8	8 59	1 29	20 39	2 3	19 7	0 18	20 32	1 50	3 9	0 49	2 10	1 2
T 6	16 33	27 8	3 50	20 26	0 20	8 31	1 28	20 46	2 3	19 4	0 18	20 32	1 50	3 10	0 49	2 10	1 2
W 7	16 17	25 20	2 58	20 13	0 31	8 2	1 27	20 53	2 3	19 1	0 18	20 33	1 50	3 10	0 49	2 11	1 2
T 8	16 0	22 24	1 59	19 56	0 41	7 33	1 26	20 59	2 4	18 58	0 19	20 33	1 50	3 11	0 49	2 11	1 2
F 9	15 43	18 32	0 56	19 37	0 51	7 4	1 25	21 6	2 4	18 54	0 19	20 34	1 50	3 12	0 49	2 12	1 2
S 10	15 25	13 59	0s10	19 16	1 0	6 35	1 24	21 13	2 4	18 51	0 19	20 34	1 51	3 12	0 49	2 12	1 2
S 11	15 8	8 56	1 15	18 52	1 8	6 5	1 22	21 20	2 5	18 48	0 19	20 35	1 51	3 13	0 49	2 13	1 2
M12	14 50	3 35	2 16	18 25	1 16	5 35	1 21	21 27	2 5	18 45	0 19	20 35	1 51	3 14	0 49	2 13	1 2
T 13	14 32	1s54	3 12	17 56	1 22	5 6	1 19	21 34	2 5	18 41	0 19	20 35	1 51	3 15	0 49	2 14	1 2
W14	14 14	7 20	4 0	17 25	1 28	4 36	1 17	21 41	2 6	18 38	0 19	20 36	1 51	3 15	0 49	2 14	1 2
T 15	13 55	12 34	4 38	16 52	1 33	4 6	1 16	21 47	2 6	18 35	0 19	20 36	1 51	3 16	0 49	2 15	1 2
F 16	13 36	17 24	5 4	16 17	1 37	3 36	1 14	21 54	2 6	18 32	0 19	20 37	1 51	3 17	0 49	2 15	1 2
S 17	13 17	21 36	5 17	15 40	1 40	3 5	1 12	22 1	2 6	18 28	0 19	20 37	1 51	3 18	0 49	2 16	1 3
S 18	12 58	24 55	5 14	15 1	1 43	2 35	1 10	22 8	2 7	18 25	0 20	20 37	1 51	3 19	0 49	2 16	1 3
M19	12 39	27 1	4 55	14 21	1 44	2 5	1 8	22 14	2 7	18 22	0 20	20 38	1 52	3 19	0 49	2 17	1 3
T 20	12 19	27 36	4 19	13 40	1 45	1 34	1 6	22 21	2 7	18 18	0 20	20 38	1 52	3 20	0 49	2 18	1 3
W21	11 59	26 27	3 27	12 57	1 45	1 4	1 4	22 27	2 7	18 15	0 20	20 38	1 52	3 21	0 49	2 18	1 3
T 22	11 39	23 32	2 21	12 14	1 45	0 33	1 2	22 34	2 7	18 12	0 20	20 39	1 52	3 22	0 49	2 19	1 3
F 23	11 19	19 0	1 3	11 30	1 44	0 2	1 0	22 40	2 7	18 8	0 20	20 39	1 52	3 23	0 49	2 19	1 3
S 24	10 59	13 11	0n20	10 44	1 42	0s28	0 57	22 47	2 8	18 5	0 20	20 39	1 52	3 24	0 49	2 20	1 3
S 25	10 38	6 31	1 43	9 59	1 40	0 59	0 55	22 53	2 8	18 2	0 20	20 39	1 52	3 24	0 49	2 20	1 3
M26	10 18	0n28	2 58	9 13	1 37	1 30	0 52	22 59	2 8	17 58	0 20	20 40	1 53	3 25	0 49	2 21	1 3
T 27	9 57	7 20	4 0	8 26	1 33	2 0	0 50	23 5	2 8	17 55	0 20	20 40	1 53	3 26	0 49	2 22	1 3
W28	9 36	13 39	4 44	7 40	1 30	2 31	0 47	23 11	2 8	17 52	0 21	20 40	1 53	3 27	0 49	2 22	1 3
T 29	9 15	19 4	5 10	6 53	1 25	3 1	0 45	23 17	2 8	17 48	0 21	20 40	1 53	3 28	0 49	2 23	1 3
F 30	8 54	23 17	5 16	6 6	1 21	3 32	0 42	23 23	2 8	17 45	0 21	20 40	1 53	3 29	0 49	2 24	1 3
S 31	8n32	26n 7	5n 5	5n18	1n16	4s 2	0n39	23s29	2s 8	17n42	0n21	20n41	1s53	3s30	0s49	2s24	1s 3

Julian Day Number = 2699391.5, Delta T = 25m38s

Ecliptic obliquity = 23°21'11, Nutation = 0°00'12

Ayanamsha: Fagan/Bradley = 34°13'59, Lahiri = 33°20'59

## ASTRODIENST EPHEMERIS for the year 2678

SEPTEMBER 2678

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 41 11	8♍58°04	18♏17	21♍16	12♏58	7♌26	11♏23	15♏24	23°R 1	26°R20	5♏15	20♏7	19♏6	7♍14	27♏13	S 1
M 2	22 45 8	9°55'52	0♏53	23° 2	14°10	8° 1	11°36	15°27	22♌59	26♌19	5°17	20° 8	19° 3	7°21	27°18	M 2
T 3	22 49 4	10°53'42	13°11	24°46	15°22	8°35	11°48	15°30	22°57	26°17	5°18	20° 9	18°59	7°28	27°23	T 3
W 4	22 53 1	11°51'33	25°16	26°30	16°33	9° 9	12° 1	15°32	22°54	26°15	5°19	20°11	18°56	7°34	27°28	W 4
T 5	22 56 57	12°49'26	7♏12	28°11	17°45	9°44	12°13	15°35	22°52	26°14	5°21	20°12	18°53	7°41	27°33	T 5
F 6	23 0 54	13°47'21	19° 2	29°52	18°56	10°19	12°26	15°37	22°50	26°12	5°22	20°R13	18°50	7°48	27°38	F 6
S 7	23 4 51	14°45'17	0♍49	1♏31	20° 8	10°54	12°38	15°39	22°47	26°11	5°23	20°12	18°47	7°54	27°43	S 7
S 8	23 8 47	15°43'14	12°37	3° 8	21°19	11°30	12°50	15°42	22°45	26° 9	5°25	20°10	18°43	8° 1	27°47	S 8
M 9	23 12 44	16°41'13	24°26	4°45	22°30	12° 5	13° 2	15°44	22°43	26° 7	5°26	20° 7	18°40	8° 7	27°52	M 9
T 10	23 16 40	17°39'14	6♏20	6°20	23°42	12°41	13°15	15°46	22°40	26° 6	5°27	20° 3	18°37	8°14	27°57	T 10
W 11	23 20 37	18°37'16	18°20	7°54	24°53	13°17	13°27	15°47	22°38	26° 4	5°29	19°59	18°34	8°21	28° 1	W 11
T 12	23 24 33	19°35'19	0♍28	9°26	26° 4	13°54	13°39	15°49	22°35	26° 3	5°30	19°54	18°31	8°27	28° 6	T 12
F 13	23 28 30	20°33'24	12°47	10°58	27°15	14°30	13°51	15°51	22°33	26° 1	5°31	19°49	18°28	8°34	28°10	F 13
S 14	23 32 26	21°31'30	25°19	12°28	28°27	15° 7	14° 3	15°52	22°31	25°59	5°32	19°45	18°24	8°41	28°14	S 14
S 15	23 36 23	22°29'38	8♌7	13°56	29°38	15°44	14°14	15°54	22°28	25°58	5°33	19°43	18°21	8°47	28°19	S 15
M 16	23 40 20	23°27'47	21°13	15°24	0♍49	16°21	14°26	15°55	22°26	25°56	5°35	19°D42	18°18	8°54	28°23	M 16
T 17	23 44 16	24°25'58	4♏30	16°50	2° 0	16°58	14°38	15°56	22°23	25°54	5°36	19°42	18°15	9° 1	28°27	T 17
W 18	23 48 13	25°24'10	18°30	18°15	3°11	17°36	14°50	15°58	22°21	25°53	5°37	19°43	18°12	9° 7	28°32	W 18
T 19	23 52 9	26°22'23	2♏45	19°38	4°21	18°13	15° 1	15°59	22°19	25°51	5°38	19°45	18° 9	9°14	28°36	T 19
F 20	23 56 6	27°20'38	17°21	21° 0	5°32	18°51	15°13	15°59	22°16	25°49	5°39	19°R46	18° 5	9°21	28°40	F 20
S 21	0 0 2	28°18'54	2♌17	22°21	6°43	19°29	15°24	16° 0	22°14	25°48	5°40	19°45	18° 2	9°27	28°44	S 21
S 22	0 3 59	29°17'12	17°24	23°40	7°54	20° 7	15°36	16° 1	22°12	25°46	5°41	19°43	17°59	9°34	28°48	S 22
M 23	0 7 55	0♏15'32	2♌34	24°57	9° 4	20°45	15°47	16° 2	22° 9	25°44	5°42	19°39	17°56	9°41	28°52	M 23
T 24	0 11 52	1°13'53	17°38	26°13	10°15	21°24	15°58	16° 2	22° 7	25°43	5°43	19°33	17°53	9°47	28°55	T 24
W 25	0 15 49	2°12'16	2♌25	27°28	11°25	22° 3	16° 9	16° 2	22° 4	25°41	5°44	19°26	17°49	9°54	28°59	W 25
T 26	0 19 45	3°10'41	16°49	28°41	12°36	22°41	16°20	16° 3	22° 2	25°39	5°45	19°20	17°46	10° 1	29° 3	T 26
F 27	0 23 42	4° 9'09	0♏46	29°52	13°46	23°20	16°31	16° 3	22° 0	25°38	5°46	19°15	17°43	10° 7	29° 6	F 27
S 28	0 27 38	5° 7'38	14°13	1♍1	14°56	23°59	16°42	16°R 3	21°58	25°36	5°47	19°11	17°40	10°14	29°10	S 28
S 29	0 31 35	6° 6'10	27°13	2° 8	16° 7	24°39	16°53	16° 3	21°55	25°35	5°48	19° 9	17°37	10°21	29°13	S 29
M 30	0 35 31	7♏4'44	9♏48	3♍13	17♍17	25♌18	17♏4	16♏3	21♌53	25♌33	5♏49	19°D 8	17♏34	10♍27	29♏17	M 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	8n11	27n28	4n39	4n31	1n10	4s33	0n36	23s35	2s 8	17n38	0n21	20n41	1s53	3s31	0s49	2s25
M 2	7 49	27 21	4 0	3 45	1 4	5 3	0 33	23 40	2 8	17 35	0 21	20 41	1 53	3 32	0 49	2 25
T 3	7 27	25 52	3 10	2 58	0 58	5 33	0 31	23 46	2 8	17 32	0 21	20 41	1 54	3 33	0 49	2 26
W 4	7 5	23 12	2 13	2 11	0 52	6 4	0 28	23 51	2 8	17 28	0 21	20 41	1 54	3 33	0 49	2 27
T 5	6 43	19 33	1 11	1 25	0 45	6 34	0 25	23 57	2 8	17 25	0 22	20 41	1 54	3 34	0 49	2 27
F 6	6 21	15 10	0 7	0 39	0 35	7 4	0 21	24 2	2 8	17 22	0 22	20 41	1 54	3 35	0 49	2 28
S 7	5 59	10 14	0s58	0s 7	0 31	7 33	0 18	24 7	2 8	17 18	0 22	20 41	1 54	3 36	0 49	2 29
S 8	5 37	4 57	2 0	0 52	0 24	8 3	0 15	24 12	2 8	17 15	0 22	20 42	1 54	3 37	0 49	2 29
M 9	5 14	0s31	2 57	1 37	0 17	8 33	0 12	24 17	2 8	17 12	0 22	20 42	1 54	3 38	0 49	2 30
T 10	4 52	5 59	3 47	2 22	0 9	9 2	0 9	24 21	2 8	17 8	0 22	20 42	1 55	3 39	0 49	2 31
W 11	4 29	11 16	4 27	3 6	0 1	9 31	0 5	24 26	2 8	17 5	0 22	20 42	1 55	3 40	0 49	2 31
T 12	4 6	16 12	4 55	3 50	0s 6	10 0	0 2	24 30	2 8	17 2	0 22	20 42	1 55	3 41	0 49	2 32
F 13	3 44	20 32	5 10	4 33	0 14	10 29	0s 1	24 34	2 8	16 58	0 22	20 42	1 55	3 42	0 49	2 33
S 14	3 21	24 3	5 11	5 15	0 22	10 57	0 5	24 38	2 8	16 55	0 23	20 42	1 55	3 43	0 49	2 33
S 15	2 58	26 28	4 57	5 57	0 31	11 26	0 8	24 42	2 7	16 52	0 23	20 42	1 55	3 44	0 49	2 34
M 16	2 35	27 30	4 27	6 38	0 39	11 54	0 12	24 46	2 7	16 48	0 23	20 42	1 56	3 45	0 49	2 35
T 17	2 12	26 58	3 41	7 19	0 47	12 22	0 15	24 50	2 7	16 45	0 23	20 42	1 56	3 46	0 49	2 35
W 18	1 49	24 45	2 42	7 59	0 55	12 49	0 19	24 53	2 7	16 42	0 23	20 42	1 56	3 47	0 49	2 36
T 19	1 26	20 58	1 31	8 38	1 4	13 17	0 22	24 56	2 7	16 39	0 23	20 42	1 56	3 48	0 49	2 37
F 20	1 3	15 47	0 13	9 17	1 12	13 44	0 26	24 59	2 7	16 35	0 23	20 42	1 56	3 48	0 49	2 37
S 21	0 40	9 34	1n 8	9 54	1 20	14 10	0 30	25 2	2 6	16 32	0 24	20 42	1 56	3 49	0 49	2 38
S 22	0 17	2 44	2 25	10 31	1 28	14 37	0 33	25 5	2 6	16 29	0 24	20 42	1 56	3 50	0 49	2 39
M 23	0s 6	4n15	3 31	11 8	1 37	15 3	0 37	25 8	2 6	16 26	0 24	20 41	1 57	3 51	0 49	2 39
T 24	0 29	10 57	4 23	11 43	1 45	15 29	0 40	25 10	2 6	16 22	0 24	20 41	1 57	3 52	0 49	2 40
W 25	0 52	16 54	4 56	12 17	1 53	15 54	0 44	25 12	2 6	16 19	0 24	20 41	1 57	3 53	0 49	2 41
T 26	1 16	21 44	5 9	12 51	2 1	16 19	0 48	25 14	2 5	16 16	0 24	20 41	1 57	3 54	0 49	2 41
F 27	1 39	25 11	5 3	13 23	2 9	16 44	0 52	25 16	2 5	16 13	0 24	20 41	1 57	3 55	0 49	2 42
S 28	2 2	27 4	4 40	13 55	2 16	17 8	0 55	25 18	2 5	16 10	0 24	20 41	1 57	3 56	0 49	2 43
S 29	2 25	27 23	4 4	14 25	2 24	17 32	0 59	25 19	2 5	16 7	0 25	20 41	1 57	3 57	0 49	2 43
M 30	2s48	26n16	3n17	14s55	2s31	17s56	1s 3	25s20	2s 4	16n 4	0n25	20n41	1s58	3s58	0s49	2s44

Julian Day Number = 2699422.5, Delta T = 25m39s

Ecliptic obliquity = 23°21'11", Nutation = 0°00'12

Ayanamsha: Fagan/Bradley = 34°14'03", Lahiri = 33°21'03

## ASTRODIENST EPHEMERIS for the year 2678

OCTOBER 2678

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 39 28	8♂ 3'20	22♂ 4	4♂16	18♂27	25♂58	17♂14	16°R 2	21°R51	25°R31	5♂50	19♂ 9	17♂30	10♂34	29♂20	T 1
W 2	0 43 24	9° 1'58	4♂ 6	5°16	19°37	26°38	17°25	16°II 2	21°R48	25°R30	5°51	19°10	17°27	10°41	29°24	W 2
T 3	0 47 18	10° 0'38	15°58	6°14	20°47	27°17	17°35	16° 1	21°46	25°28	5°52	19°R11	17°24	10°47	29°27	T 3
F 4	0 51 18	10°59'20	27°45	7°10	21°57	27°57	17°46	16° 1	21°44	25°27	5°52	19°11	17°21	10°54	29°30	F 4
S 5	0 55 14	11°58'04	9♂32	8° 2	23° 7	28°38	17°56	16° 0	21°42	25°25	5°53	19° 8	17°18	11° 0	29°33	S 5
S 6	0 59 11	12°56'51	21°22	8°51	24°16	29°18	18° 6	15°59	21°39	25°23	5°54	19° 4	17°15	11° 7	29°36	S 6
M 7	1 3 7	13°55'39	3♂17	9°36	25°26	29°58	18°16	15°58	21°37	25°22	5°55	18°57	17°11	11°14	29°39	M 7
T 8	1 7 4	14°54'30	15°20	10°18	26°36	0♂39	18°26	15°57	21°35	25°20	5°55	18°48	17° 8	11°20	29°42	T 8
W 9	1 11 0	15°53'22	27°31	10°56	27°45	1°20	18°36	15°56	21°33	25°19	5°56	18°37	17° 5	11°27	29°44	W 9
T 10	1 14 57	16°52'16	9♂53	11°29	28°55	2° 1	18°46	15°55	21°31	25°17	5°57	18°26	17° 2	11°34	29°47	T 10
F 11	1 18 53	17°51'13	22°25	11°58	0♂ 4	2°42	18°55	15°54	21°29	25°16	5°57	18°16	16°59	11°40	29°50	F 11
S 12	1 22 50	18°50'11	5♂ 8	12°21	1°13	3°23	19° 5	15°52	21°27	25°14	5°58	18° 7	16°55	11°47	29°52	S 12
S 13	1 26 46	19°49'11	18° 4	12°39	2°22	4° 4	19°14	15°51	21°25	25°13	5°59	18° 0	16°52	11°54	29°55	S 13
M14	1 30 43	20°48'12	1♂14	12°51	3°32	4°46	19°24	15°49	21°23	25°11	5°59	17°56	16°49	12° 0	29°57	M14
T 15	1 34 40	21°47'16	14°39	12°R56	4°41	5°27	19°33	15°47	21°21	25°10	6° 0	17°54	16°46	12° 7	29°59	T 15
W16	1 38 36	22°46'21	28°22	12°54	5°49	6° 9	19°42	15°45	21°19	25° 9	6° 0	17°D54	16°43	12°14	0♂ 2	W16
T 17	1 42 33	23°45'28	12♂22	12°45	6°58	6°51	19°51	15°43	21°17	25° 7	6° 1	17°R55	16°40	12°20	0° 4	T 17
F 18	1 46 29	24°44'36	26°41	12°29	8° 7	7°32	20° 0	15°41	21°15	25° 6	6° 1	17°54	16°36	12°27	0° 6	F 18
S 19	1 50 26	25°43'46	11♂17	12° 4	9°16	8°14	20° 9	15°39	21°13	25° 4	6° 2	17°52	16°33	12°34	0° 8	S 19
S 20	1 54 22	26°42'58	26° 5	11°31	10°24	8°56	20°17	15°37	21°11	25° 3	6° 2	17°48	16°30	12°40	0°10	S 20
M21	1 58 19	27°42'11	10°V59	10°50	11°32	9°39	20°26	15°34	21°10	25° 2	6° 3	17°41	16°27	12°47	0°11	M21
T 22	2 2 15	28°41'27	25°51	10° 1	12°41	10°21	20°34	15°32	21° 8	25° 0	6° 3	17°31	16°24	12°54	0°13	T 22
W23	2 6 12	29°40'45	10♂33	9° 5	13°49	11° 3	20°43	15°29	21° 6	24°59	6° 4	17°20	16°20	13° 0	0°15	W23
T 24	2 10 9	0♂40'04	24°55	8° 3	14°57	11°46	20°51	15°27	21° 4	24°58	6° 4	17° 9	16°17	13° 7	0°16	T 24
F 25	2 14 5	1°39'26	8♂53	6°55	16° 5	12°29	20°59	15°24	21° 3	24°57	6° 4	16°59	16°14	13°14	0°18	F 25
S 26	2 18 2	2°38'50	22°24	5°44	17°12	13°11	21° 7	15°21	21° 1	24°55	6° 5	16°51	16°11	13°20	0°19	S 26
S 27	2 21 58	3°38'17	5♂27	4°31	18°20	13°54	21°14	15°18	21° 0	24°54	6° 5	16°46	16° 8	13°27	0°20	S 27
M28	2 25 55	4°37'45	18° 6	3°18	19°28	14°37	21°22	15°15	20°58	24°53	6° 5	16°43	16° 5	13°34	0°22	M28
T 29	2 29 51	5°37'16	0♂23	2° 7	20°35	15°20	21°29	15°12	20°57	24°52	6° 5	16°42	16° 1	13°40	0°23	T 29
W30	2 33 48	6°36'49	12°26	1° 1	21°42	16° 3	21°37	15° 9	20°55	24°51	6° 5	16°42	15°58	13°47	0°24	W30
T 31	2 37 44	7♂36'24	24♂18	0♂ 1	22♂49	16♂46	21♂44	15♂ 6	20♂54	24♂50	6♂ 6	16♂42	15♂55	13♂54	0♂25	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	3s11	23n52	2n21	15s23	2s39	18s19	1s 6	25s21	2s 4	16n 0	0n25	20n40	1s58	3s58	0s49	2s44	1s 3
W 2	3 34	20 28	1 21	15 50	2 46	18 42	1 10	25 22	2 4	15 57	0 25	20 40	1 58	3 59	0 49	2 45	1 3
T 3	3 57	16 16	0 17	16 16	2 52	19 4	1 14	25 23	2 3	15 54	0 25	20 40	1 58	4 0	0 49	2 46	1 3
F 4	4 20	11 29	0s46	16 40	2 59	19 26	1 18	25 23	2 3	15 51	0 25	20 40	1 58	4 1	0 49	2 46	1 3
S 5	4 43	6 19	1 47	17 3	3 5	19 48	1 21	25 23	2 3	15 48	0 25	20 40	1 58	4 2	0 49	2 47	1 3
S 6	5 6	0 54	2 44	17 24	3 10	20 9	1 25	25 23	2 2	15 45	0 26	20 39	1 58	4 3	0 49	2 48	1 3
M 7	5 29	4s34	3 34	17 44	3 16	20 29	1 29	25 23	2 2	15 42	0 26	20 39	1 59	4 4	0 49	2 48	1 3
T 8	5 51	9 56	4 15	18 2	3 20	20 49	1 32	25 23	2 2	15 40	0 26	20 39	1 59	4 4	0 49	2 49	1 3
W 9	6 14	14 58	4 44	18 17	3 25	21 9	1 36	25 22	2 1	15 37	0 26	20 39	1 59	4 5	0 49	2 49	1 3
T 10	6 36	19 29	5 1	18 31	3 28	21 28	1 40	25 21	2 1	15 34	0 26	20 38	1 59	4 6	0 49	2 50	1 3
F 11	6 59	23 11	5 3	18 43	3 31	21 46	1 43	25 20	2 0	15 31	0 26	20 38	1 59	4 7	0 49	2 51	1 3
S 12	7 21	25 51	4 51	18 52	3 33	22 4	1 47	25 19	2 0	15 28	0 27	20 38	1 59	4 8	0 49	2 51	1 3
S 13	7 43	27 12	4 24	18 59	3 35	22 22	1 50	25 17	2 0	15 25	0 27	20 38	1 59	4 8	0 49	2 52	1 3
M14	8 6	27 3	3 42	19 3	3 35	22 39	1 54	25 15	1 59	15 23	0 27	20 37	1 59	4 9	0 49	2 52	1 3
T 15	8 28	25 20	2 48	19 4	3 34	22 55	1 57	25 13	1 59	15 20	0 27	20 37	2 0	4 10	0 49	2 53	1 3
W16	8 50	22 5	1 42	19 2	3 32	23 11	2 1	25 11	1 58	15 17	0 27	20 37	2 0	4 11	0 49	2 53	1 3
T 17	9 11	17 30	0 30	18 56	3 29	23 26	2 4	25 8	1 58	15 14	0 27	20 36	2 0	4 11	0 49	2 54	1 3
F 18	9 33	11 51	0n47	18 46	3 25	23 41	2 8	25 6	1 57	15 12	0 28	20 36	2 0	4 12	0 49	2 54	1 3
S 19	9 55	5 27	2 1	18 33	3 18	23 55	2 11	25 3	1 57	15 9	0 28	20 36	2 0	4 13	0 49	2 55	1 3
S 20	10 16	1n20	3 8	18 15	3 11	24 8	2 14	24 59	1 57	15 7	0 28	20 35	2 0	4 14	0 49	2 56	1 3
M21	10 37	8 3	4 3	17 53	3 1	24 21	2 17	24 56	1 56	15 4	0 28	20 35	2 0	4 14	0 49	2 56	1 3
T 22	10 58	14 19	4 41	17 27	2 50	24 33	2 20	24 52	1 56	15 2	0 28	20 35	2 0	4 15	0 49	2 57	1 3
W23	11 19	19 40	5 0	16 57	2 36	24 45	2 24	24 48	1 55	14 59	0 28	20 34	2 0	4 16	0 49	2 57	1 3
T 24	11 40	23 46	4 59	16 22	2 22	24 56	2 27	24 44	1 55	14 57	0 29	20 34	2 1	4 16	0 49	2 58	1 3
F 25	12 0	26 19	4 40	15 45	2 5	25 6	2 30	24 40	1 54	14 54	0 29	20 33	2 1	4 17	0 48	2 58	1 3
S 26	12 21	27 14	4 6	15 4	1 47	25 16	2 33	24 35	1 54	14 52	0 29	20 33	2 1	4 17	0 48	2 59	1 3
S 27	12 41	26 35	3 20	14 21	1 28	25 25	2 35	24 30	1 53	14 50	0 29	20 33	2 1	4 18	0 48	2 59	1 3
M28	13 1	24 32	2 26	13 38	1 8	25 34	2 38	24 25	1 53	14 47	0 29	20 32	2 1	4 19	0 48	2 59	1 3
T 29	13 21	21 23	1 25	12 54	0 47	25 42	2 41	24 20	1 52	14 45	0 29	20 32	2 1	4 19	0 48	3 0	1 3
W30	13 41	17 23	0 23	12 12	0 26	25 49	2 43	24 14	1 51	14 43	0 30	20 31	2 1	4 20	0 48	3 0	1 3
T 31	14s 0	12n45	0s40	11s32	0s 6	25s55	2s46	24s 8	1s51	14n41	0n30	20n31	2s 1	4s20	0s48	3s 1	1s 3

Julian Day Number = 2699452.5, Delta T = 25m39s

Ecliptic obliquity = 23°21'11, Nutation = 0°00'11

Ayanamsha: Fagan/Bradley = 34°14'08, Lahiri = 33°21'07

## ASTRODIENST EPHEMERIS for the year 2678

NOVEMBER 2678

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	2 41 41	8♈36°02	6♈ 6	29°R 9	23♈56	17♈30	21♈51	15°R 2	20°R52	24°R48	6♈ 6	16°R40	15♈52	14♈ 0	0♈26	F 1
S 2	2 45 38	9°35'41	17°54	28♈26	25° 3	18°13	21°58	14♈59	20♈51	24♈47	6° 6	16♈37	15°49	14° 7	0°26	S 2
S 3	2 49 34	10°35'23	29°47	27°54	26° 9	18°57	22° 5	14°55	20°50	24°46	6° 6	16°31	15°46	14°14	0°27	S 3
M 4	2 53 31	11°35'07	11♈48	27°33	27°16	19°40	22°11	14°52	20°48	24°45	6° 6	16°22	15°42	14°20	0°28	M 4
T 5	2 57 27	12°34'53	24° 1	27°D24	28°22	20°24	22°18	14°48	20°47	24°44	6° 6	16°10	15°39	14°27	0°28	T 5
W 6	3 1 24	13°34'41	6♈26	27°25	29°28	21° 8	22°24	14°44	20°46	24°43	6°R 6	15°57	15°36	14°34	0°29	W 6
T 7	3 5 20	14°34'31	19° 5	27°38	0♈34	21°52	22°30	14°40	20°45	24°42	6° 6	15°43	15°33	14°40	0°29	T 7
F 8	3 9 17	15°34'23	1♈56	28° 1	1°40	22°36	22°36	14°36	20°44	24°42	6° 6	15°29	15°30	14°47	0°29	F 8
S 9	3 13 13	16°34'17	14°59	28°34	2°46	23°20	22°42	14°33	20°43	24°41	6° 6	15°17	15°26	14°54	0°29	S 9
S 10	3 17 10	17°34'13	28°14	29°16	3°51	24° 4	22°48	14°28	20°42	24°40	6° 6	15° 9	15°23	15° 0	0°R29	S 10
M11	3 21 7	18°34'10	11♈38	0♈ 5	4°56	24°48	22°53	14°24	20°41	24°39	6° 6	15° 3	15°20	15° 7	0°29	M11
T 12	3 25 3	19°34'09	25°13	1° 2	6° 1	25°32	22°59	14°20	20°40	24°38	6° 6	15° 0	15°17	15°14	0°29	T 12
W13	3 29 0	20°34'09	8♈58	2° 5	7° 6	26°17	23° 4	14°16	20°39	24°37	6° 6	14°59	15°14	15°20	0°29	W13
T 14	3 32 56	21°34'11	22°53	3°13	8°10	27° 1	23° 9	14°12	20°38	24°37	6° 5	14°59	15°11	15°27	0°29	T 14
F 15	3 36 53	22°34'15	7♈ 0	4°26	9°14	27°45	23°14	14° 7	20°38	24°36	6° 5	14°58	15° 7	15°34	0°28	F 15
S 16	3 40 49	23°34'20	21°16	5°43	10°18	28°30	23°18	14° 3	20°37	24°35	6° 5	14°56	15° 4	15°40	0°28	S 16
S 17	3 44 46	24°34'26	5♈40	7° 4	11°22	29°15	23°23	13°59	20°36	24°35	6° 5	14°51	15° 1	15°47	0°27	S 17
M18	3 48 42	25°34'34	20° 9	8°27	12°25	29°59	23°27	13°54	20°36	24°34	6° 4	14°44	14°58	15°54	0°26	M18
T 19	3 52 39	26°34'44	4♈37	9°53	13°29	0♈44	23°31	13°50	20°35	24°34	6° 4	14°33	14°55	16° 0	0°26	T 19
W20	3 56 36	27°34'55	18°57	11°21	14°31	1°29	23°35	13°45	20°34	24°33	6° 4	14°22	14°52	16° 7	0°25	W20
T 21	4 0 32	28°35'08	3♈ 3	12°50	15°34	2°14	23°39	13°40	20°34	24°32	6° 3	14°10	14°48	16°14	0°24	T 21
F 22	4 4 29	29°35'23	16°51	14°21	16°36	2°59	23°43	13°36	20°34	24°32	6° 3	13°59	14°45	16°20	0°23	F 22
S 23	4 8 25	0♈35'39	0♈16	15°53	17°38	3°44	23°46	13°31	20°33	24°32	6° 3	13°50	14°42	16°27	0°22	S 23
S 24	4 12 22	1°35'57	13°17	17°26	18°40	4°29	23°50	13°26	20°33	24°31	6° 2	13°43	14°39	16°34	0°21	S 24
M25	4 16 18	2°36'18	25°56	19° 0	19°41	5°14	23°53	13°22	20°33	24°31	6° 2	13°40	14°36	16°40	0°19	M25
T 26	4 20 15	3°36'40	8♈15	20°34	20°42	5°59	23°56	13°17	20°32	24°30	6° 1	13°D38	14°32	16°47	0°18	T 26
W27	4 24 12	4°37'03	20°19	22° 8	21°42	6°44	23°58	13°12	20°32	24°30	6° 1	13°38	14°29	16°54	0°16	W27
T 28	4 28 8	5°37'29	2♈13	23°43	22°43	7°29	24° 1	13° 7	20°32	24°30	6° 0	13°R39	14°26	17° 0	0°15	T 28
F 29	4 32 5	6°37'56	14° 2	25°18	23°42	8°15	24° 3	13° 2	20°32	24°30	6° 0	13°38	14°23	17° 7	0°13	F 29
S 30	4 36 1	7♈38'26	25♈52	26♈53	24♈42	9♈ 0	24♈ 5	12♈58	20°D32	24♈29	5♈59	13♈36	14♈20	17♈14	0♈12	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	14s19	7n41	1s41	10s55	0n14	26s 1	2s48	24s 2	1s50	14n39	0n30	20n31	2s 1	4s21	0s48	3s 1
S 2	14 38	2 21	2 37	10 23	0 32	26 6	2 51	23 56	1 50	14 37	0 30	20 30	2 1	4 21	0 48	3 2
S 3	14 57	3s 5	3 27	9 55	0 49	26 11	2 53	23 49	1 49	14 35	0 30	20 30	2 1	4 22	0 48	3 2
M 4	15 15	8 27	4 8	9 33	1 5	26 15	2 55	23 42	1 49	14 33	0 30	20 29	2 1	4 22	0 48	3 2
T 5	15 34	13 35	4 38	9 17	1 19	26 18	2 57	23 35	1 48	14 31	0 31	20 29	2 1	4 23	0 48	3 3
W 6	15 51	18 16	4 56	9 6	1 31	26 21	2 59	23 28	1 47	14 29	0 31	20 28	2 2	4 23	0 48	3 3
T 7	16 9	22 13	4 59	9 0	1 42	26 22	3 1	23 21	1 47	14 27	0 31	20 28	2 2	4 23	0 48	3 3
F 8	16 27	25 10	4 48	9 0	1 51	26 24	3 3	23 13	1 46	14 25	0 31	20 27	2 2	4 24	0 48	3 4
S 9	16 44	26 50	4 21	9 5	1 58	26 24	3 5	23 5	1 45	14 24	0 31	20 27	2 2	4 24	0 48	3 4
S 10	17 1	27 0	3 40	9 15	2 4	26 24	3 6	22 56	1 45	14 22	0 32	20 26	2 2	4 25	0 48	3 4
M11	17 17	25 36	2 46	9 28	2 8	26 23	3 8	22 48	1 44	14 20	0 32	20 26	2 2	4 25	0 48	3 5
T 12	17 34	22 42	1 42	9 45	2 10	26 22	3 9	22 39	1 44	14 19	0 32	20 25	2 2	4 25	0 48	3 5
W13	17 50	18 28	0 32	10 5	2 12	26 20	3 11	22 30	1 43	14 17	0 32	20 25	2 2	4 26	0 48	3 5
T 14	18 5	13 11	0n42	10 28	2 12	26 17	3 12	22 21	1 42	14 16	0 32	20 24	2 2	4 26	0 48	3 6
F 15	18 21	7 9	1 54	10 53	2 12	26 14	3 13	22 12	1 42	14 14	0 33	20 24	2 2	4 26	0 48	3 6
S 16	18 36	0 42	2 59	11 20	2 10	26 10	3 13	22 2	1 41	14 13	0 33	20 23	2 2	4 26	0 48	3 6
S 17	18 51	5n50	3 54	11 48	2 8	26 6	3 14	21 52	1 40	14 12	0 33	20 23	2 2	4 27	0 48	3 6
M18	19 5	12 5	4 34	12 18	2 5	26 0	3 15	21 42	1 40	14 11	0 33	20 22	2 2	4 27	0 48	3 7
T 19	19 19	17 40	4 56	12 48	2 1	25 55	3 15	21 32	1 39	14 9	0 33	20 22	2 2	4 27	0 48	3 7
W20	19 33	22 12	5 0	13 19	1 57	25 48	3 16	21 21	1 38	14 8	0 34	20 21	2 2	4 27	0 48	3 7
T 21	19 46	25 21	4 45	13 51	1 52	25 41	3 16	21 10	1 37	14 7	0 34	20 21	2 2	4 27	0 48	3 7
F 22	19 59	26 55	4 13	14 23	1 47	25 34	3 16	21 0	1 37	14 6	0 34	20 20	2 2	4 27	0 47	3 7
S 23	20 12	26 50	3 29	14 54	1 42	25 26	3 16	20 48	1 36	14 5	0 34	20 19	2 2	4 27	0 47	3 7
S 24	20 24	25 15	2 34	15 26	1 36	25 17	3 15	20 37	1 35	14 4	0 34	20 19	2 2	4 28	0 47	3 8
M25	20 36	22 24	1 33	15 58	1 30	25 8	3 15	20 25	1 35	14 4	0 35	20 18	2 2	4 28	0 47	3 8
T 26	20 48	18 36	0 29	16 29	1 24	24 58	3 14	20 14	1 34	14 3	0 35	20 18	2 2	4 28	0 47	3 8
W27	20 59	14 6	0s36	17 0	1 17	24 48	3 13	20 1	1 33	14 2	0 35	20 17	2 2	4 28	0 47	3 8
T 28	21 10	9 8	1 37	17 30	1 11	24 37	3 13	19 49	1 32	14 1	0 35	20 17	2 2	4 28	0 47	3 8
F 29	21 20	3 53	2 35	17 59	1 4	24 25	3 11	19 37	1 32	14 1	0 35	20 16	2 2	4 28	0 47	3 8
S 30	21s30	1s30	3s25	18s28	0n57	24s14	3s10	19s24	1s31	14n 0	0n36	20n16	2s 2	4s28	0s47	3s 8

Julian Day Number = 2699483.5, Delta T = 25m40s

Ecliptic obliquity = 23°21'11", Nutation = 0°00'11"

Ayanamsha: Fagan/Bradley = 34°14'12", Lahiri = 33°21'12"

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 39 58	8♂38°57	7♂47	28♂28	25♂40	9♂45	24♂7	12°R53	20♂32	24°R29	5°R59	13°R32	14♂17	17♂20	0°R10	S 1
M 2	4 43 54	9°39'29	19°53	0♂4	26°39	10°31	24°9	12°II48	20°32	24♂29	5♂58	13♂26	14°13	17°27	0♂8	M 2
T 3	4 47 51	10°40'04	2♂12	1°39	27°37	11°16	24°11	12°43	20°32	24°29	5°57	13°17	14°10	17°34	0°6	T 3
W 4	4 51 47	11°40'40	14°49	3°14	28°34	12°2	24°12	12°38	20°32	24°29	5°57	13°6	14°7	17°40	0°4	W 4
T 5	4 55 44	12°41'17	27°42	4°49	29°32	12°47	24°13	12°33	20°33	24°29	5°56	12°55	14°4	17°47	0°2	T 5
F 6	4 59 41	13°41'56	10♂53	6°24	0♂28	13°33	24°14	12°28	20°33	24°D29	5°55	12°44	14°1	17°54	29♂59	F 6
S 7	5 3 37	14°42'37	24°19	7°59	1°24	14°19	24°15	12°23	20°33	24°29	5°55	12°34	13°58	18°0	29°57	S 7
S 8	5 7 34	15°43'19	7♂59	9°34	2°19	15°5	24°16	12°19	20°34	24°29	5°54	12°27	13°54	18°7	29°55	S 8
M 9	5 11 30	16°44'02	21°48	11°9	3°14	15°50	24°16	12°14	20°34	24°29	5°53	12°23	13°51	18°14	29°53	M 9
T 10	5 15 27	17°44'46	5♂44	12°43	4°9	16°36	24°16	12°9	20°35	24°29	5°52	12°D21	13°48	18°20	29°50	T 10
W 11	5 19 23	18°45'31	19°46	14°18	5°2	17°22	24°R16	12°4	20°35	24°29	5°51	12°21	13°45	18°27	29°48	W 11
T 12	5 23 20	19°46'17	3♂50	15°52	5°55	18°8	24°16	11°59	20°36	24°29	5°51	12°22	13°42	18°34	29°45	T 12
F 13	5 27 16	20°47'04	17°57	17°27	6°47	18°54	24°16	11°54	20°36	24°30	5°50	12°R22	13°38	18°40	29°42	F 13
S 14	5 31 13	21°47'52	2♂4	19°1	7°39	19°40	24°15	11°50	20°37	24°30	5°49	12°22	13°35	18°47	29°40	S 14
S 15	5 35 10	22°48'40	16°11	20°35	8°30	20°26	24°14	11°45	20°38	24°30	5°48	12°20	13°32	18°54	29°37	S 15
M 16	5 39 6	23°49'29	0♂16	22°9	9°20	21°12	24°13	11°40	20°39	24°31	5°47	12°15	13°29	19°0	29°34	M 16
T 17	5 43 3	24°50'19	14°15	23°43	10°9	21°58	24°12	11°35	20°40	24°31	5°46	12°8	13°26	19°7	29°31	T 17
W 18	5 46 59	25°51'10	28°7	25°18	10°57	22°44	24°11	11°31	20°40	24°31	5°45	12°1	13°23	19°14	29°28	W 18
T 19	5 50 56	26°52'02	11♂47	26°52	11°45	23°30	24°9	11°26	20°41	24°32	5°44	11°53	13°19	19°20	29°25	T 19
F 20	5 54 52	27°52'55	25°12	28°26	12°31	24°16	24°8	11°21	20°42	24°32	5°43	11°45	13°16	19°27	29°21	F 20
S 21	5 58 49	28°53'49	8♂21	0♂0	13°17	25°2	24°6	11°17	20°43	24°33	5°42	11°39	13°13	19°34	29°18	S 21
S 22	6 2 45	29°54'44	21°11	1°35	14°1	25°48	24°4	11°12	20°45	24°33	5°41	11°35	13°10	19°40	29°15	S 22
M 23	6 6 42	0♂55'40	3♂44	3°9	14°45	26°34	24°1	11°8	20°46	24°34	5°40	11°33	13°7	19°47	29°12	M 23
T 24	6 10 39	1°56'36	16°1	4°43	15°27	27°20	23°59	11°3	20°47	24°34	5°39	11°D33	13°4	19°54	29°8	T 24
W 25	6 14 35	2°57'34	28°4	6°18	16°9	28°7	23°56	10°59	20°48	24°35	5°38	11°34	13°0	20°0	29°5	W 25
T 26	6 18 32	3°58'32	9♂59	7°53	16°49	28°53	23°53	10°55	20°49	24°36	5°37	11°36	12°57	20°7	29°1	T 26
F 27	6 22 28	4°59'32	21°48	9°27	17°28	29°39	23°50	10°51	20°51	24°36	5°36	11°37	12°54	20°14	28°58	F 27
S 28	6 26 25	6°0'32	3♂38	11°2	18°6	0♂25	23°47	10°46	20°52	24°37	5°35	11°R38	12°51	20°20	28°54	S 28
S 29	6 30 21	7°1'34	15°34	12°37	18°42	1°12	23°43	10°42	20°54	24°38	5°34	11°38	12°48	20°27	28°51	S 29
M 30	6 34 18	8°2'36	27°40	14°13	19°17	1°58	23°40	10°38	20°55	24°39	5°33	11°36	12°44	20°34	28°47	M 30
T 31	6 38 14	9♂3'39	10♂1	15♂48	19♂51	2♂44	23♂36	10♂34	20♂57	24♂40	5♂32	11♂32	12♂41	20♂40	28♂43	T 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈	♉		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat		
S 1	21s40	6s52	4s 7	18s56	0n50	24s 1	3s 9	19s11	1s30	14n 0	0n36	20n15	2s 2	4s28	0s47	3s 8	1s 2	20n19	1n39	16s42	16s29	2n24	12n56	7s16
M 2	21 49	12 3	4 39	19 23	0 43	23 48	3 7	18 58	1 29	13 59	0 36	20 14	2 2	4 28	0 47	3 8	1 2	20 19	1 39	16 44	16 30	2 20	12 56	7 17
T 3	21 58	16 51	4 58	19 50	0 36	23 35	3 5	18 45	1 29	13 59	0 36	20 14	2 1	4 27	0 47	3 8	1 2	20 19	1 39	16 46	16 31	2 17	12 56	7 17
W 4	22 6	21 3	5 4	20 15	0 29	23 21	3 3	18 32	1 28	13 59	0 37	20 13	2 1	4 27	0 47	3 8	1 2	20 19	1 39	16 49	16 32	2 14	12 56	7 18
T 5	22 14	24 21	4 54	20 40	0 22	23 7	3 1	18 18	1 27	13 59	0 37	20 13	2 1	4 27	0 47	3 8	1 2	20 20	1 39	16 53	16 33	2 11	12 56	7 18
F 6	22 22	26 25	4 28	21 3	0 15	22 53	2 58	18 4	1 26	13 59	0 37	20 12	2 1	4 27	0 47	3 8	1 2	20 20	1 40	16 56	16 34	2 7	12 55	7 19
S 7	22 29	27 1	3 48	21 26	0 8	22 38	2 56	17 50	1 25	13 59	0 37	20 12	2 1	4 27	0 47	3 8	1 2	20 20	1 40	16 58	16 35	2 4	12 55	7 19
S 8	22 35	26 0	2 53	21 47	0 1	22 22	2 53	17 36	1 25	13 59	0 37	20 11	2 1	4 27	0 47	3 8	1 2	20 20	1 40	17 0	16 36	2 1	12 55	7 20
M 9	22 42	23 22	1 48	22 8	0s 6	22 7	2 50	17 22	1 24	13 59	0 38	20 11	2 1	4 27	0 47	3 8	1 2	20 21	1 40	17 2	16 37	1 57	12 55	7 20
T 10	22 47	19 20	0 35	22 27	0 13	21 51	2 46	17 7	1 23	13 59	0 38	20 10	2 1	4 26	0 47	3 8	1 2	20 21	1 40	17 2	16 37	1 54	12 55	7 21
W 11	22 53	14 12	0n40	22 45	0 19	21 34	2 43	16 53	1 22	13 59	0 38	20 10	2 1	4 26	0 47	3 8	1 2	20 21	1 40	17 2	16 38	1 51	12 55	7 21
T 12	22 58	8 19	1 53	23 2	0 26	21 17	2 39	16 38	1 21	13 59	0 38	20 9	2 1	4 26	0 47	3 8	1 2	20 22	1 40	17 2	16 39	1 48	12 55	7 22
F 13	23 2	2 0	2 59	23 18	0 32	21 0	2 35	16 23	1 21	14 0	0 39	20 9	2 1	4 25	0 47	3 8	1 2	20 22	1 40	17 2	16 40	1 44	12 56	7 22
S 14	23 6	4n25	3 55	23 33	0 39	20 43	2 31	16 8	1 20	14 0	0 39	20 8	2 0	4 25	0 47	3 8	1 2	20 22	1 40	17 2	16 41	1 41	12 56	7 23
S 15	23 10	10 36	4 36	23 46	0 45	20 25	2 26	15 53	1 19	14 0	0 39	20 8	2 0	4 25	0 47	3 7	1 2	20 23	1 40	17 2	16 42	1 38	12 56	7 23
M 16	23 13	16 13	5 1	23 58	0 51	20 8	2 21	15 37	1 18	14 1	0 39	20 7	2 0	4 24	0 47	3 7	1 2	20 23	1 40	17 4	16 43	1 35	12 56	7 24
T 17	23 15	20 57	5 7	24 10	0 57	19 50	2 16	15 21	1 17	14 2	0 39	20 7	2 0	4 24	0 46	3 7	1 2	20 23	1 41	17 6	16 44	1 31	12 56	7 24
W 18	23 17	24 28	4 56	24 19	1 3	19 31	2 11	15 6	1 17	14 2	0 40	20 6	2 0	4 24	0 46	3 7	1 2	20 23	1 41	17 8	16 45	1 28	12 56	7 24
T 19	23 19	26 32	4 27	24 28	1 9	19 13	2 6	14 50	1 16	14 3	0 40	20 6	2 0	4 23	0 46	3 7	1 2	20 24	1 41	17 10	16 46	1 25	12 57	7 25
F 20	23 20	27 0	3 44	24 35	1 14	18 54	2 0	14 34	1 15	14 4	0 40	20 5	2 0	4 23	0 46	3 6	1 2	20 24	1 41	17 12	16 47	1 22	12 57	7 25
S 21	23 21	25 55	2 50	24 41	1 20	18 35	1 54	14 18	1 14	14 5	0 40	20 5	2 0	4 22	0 46	3 6	1 2	20 24	1 41	17 14	16 47	1 18	12 57	7 26
S 22	23 21	23 28	1 48	24 45	1 25	18 16	1 47	14 1	1 13	14 5	0 41	20 4	1 59	4 22	0 46	3 6	1 2	20 25	1 41	17 15	16 48	1 15	12 57	7 26
M 23	23 21	19 56	0 42	24 49	1 30	17 57	1 41	13 45	1 12	14 6	0 41	20 4	1 59	4 21	0 46	3 6	1 2	20 25	1 41	17 15	16 49	1 12	12 58	7 26
T 24	23 20	15 36	0s24	24 51	1 35	17 38	1 34	13 28	1 11	14 7	0 41	20 3	1 59	4 21	0 46	3 5	1 2	20 25	1 41	17 15	16 50	1 9	12 58	7 27
W 25	23 19	10 43	1 29	24 51	1 39	17 19	1 27	13 12	1 11	14 9	0 41	20 3	1 59	4 20	0 46	3 5	1 2	20 26	1 41	17 15	16 51	1 5	12 58	7 27
T 26	23 18	5 30	2 29	24 50	1 43	17 0	1 19	12 55	1 10	14 10	0 41	20 2	1 59	4 20	0 46	3 5	1 2	20 26	1 41	17 15	16 52	1 2	12 59	7 27
F 27	23 16	0 9	3 22	24 48	1 47	16 41	1 11	12 38	1 9	14 11	0 42	20 2	1 59	4 19	0 46	3 5	1 2	20 27	1 42	17 14	16 53	0 59	12 59	7 28
S 28	23 13	5s13	4 7	24 44	1 51	16 21	1 3	12 21	1 8	14 12	0 42	20 2	1 58	4 19	0 46	3 4	1 2	20 27	1 42	17 14	16 54	0 56	12 59	7 28
S 29	23 10	10 25	4 41	24 39	1 55	16 2	0 55	12 4	1 7	14 14	0 42	20 1	1 58	4 18	0 46	3 4	1 1	20 27	1 42	17 14	16 55	0 52	13 0	7 28
M 30	23 7	15 19	5 3	24 33	1 58	15 43	0 46	11 46	1 6	14 15	0 42	20 1	1 58	4 18	0 46	3 4	1 1	20 28	1 42	17 15	16 55	0 49	13 0	7 29
T 31	23s 3	19s42	5s12	24s25	2s 1	15s24	0s37	11s29	1s 6	14n17	0n42	20n 0	1s58	4s17	0s46	3s 3	1s 1	20n28	1n42	17s16	16s56	0n46	13n 1	7s29

Julian Day Number = 2699513.5, Delta T = 25m40s  
Ecliptic obliquity = 23°21'10", Nutation = 0°00'11"  
Ayanamsha: Fagan/Bradley = 34°14'16", Lahiri = 33°21'16"

## ASTRODIENST EPHEMERIS for the year 2679

JANUARY 2679

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	6 42 11	10°38'44"	22°14'41"	17°32'23"	20°28'23"	3°11'30"	23°R32	10°R30	20°11'58"	24°11'41"	5°R30	11°R28	12°28'38"	20°11'47"	28°R39	W 1
T 2	6 46 8	11° 5'48"	5°17'41"	18°59'	20°54'	4°17'	23°Q27	10°II26	21° 0'	24°41'	5°Q29	11°23'	12°35'	20°54'	28°Q36	T 2
F 3	6 50 4	12° 6'54"	19° 4'	20°35'	21°23'	5° 3'	23°23'	10°23'	21° 2'	24°42'	5°28'	11°18'	12°32'	21° 0'	28°32'	F 3
S 4	6 54 1	13° 8'00"	2°38'48"	22°11'	21°50'	5°49'	23°19'	10°19'	21° 3'	24°43'	5°27'	11°13'	12°29'	21° 7'	28°28'	S 4
S 5	6 57 57	14° 9'07"	16°50'	23°47'	22°16'	6°36'	23°14'	10°15'	21° 5'	24°44'	5°26'	11°10'	12°25'	21°14'	28°24'	S 5
M 6	7 1 54	15°10'14"	1°18'7"	25°23'	22°40'	7°22'	23° 9'	10°12'	21° 7'	24°45'	5°25'	11° 8'	12°22'	21°20'	28°20'	M 6
T 7	7 5 50	16°11'21"	15°32'	26°59'	23° 2'	8° 8'	23° 4'	10° 8'	21° 9'	24°46'	5°23'	11°D 8'	12°19'	21°27'	28°16'	T 7
W 8	7 9 47	17°12'28"	0°11'0"	28°35'	23°22'	8°55'	22°59'	10° 5'	21°11'	24°48'	5°22'	11° 9'	12°16'	21°34'	28°12'	W 8
T 9	7 13 44	18°13'36"	14°27'	0°11'11"	23°40'	9°41'	22°53'	10° 1'	21°12'	24°49'	5°21'	11°10'	12°13'	21°40'	28° 8'	T 9
F 10	7 17 40	19°14'43"	28°49'	1°47'	23°56'	10°27'	22°48'	9°58'	21°14'	24°50'	5°20'	11°12'	12°10'	21°47'	28° 4'	F 10
S 11	7 21 37	20°15'50"	13°17'2"	3°22'	24°10'	11°14'	22°42'	9°55'	21°16'	24°51'	5°18'	11°13'	12° 6'	21°54'	28° 0'	S 11
S 12	7 25 33	21°16'57"	27° 5'	4°58'	24°22'	12° 0'	22°36'	9°52'	21°19'	24°52'	5°17'	11°R13'	12° 3'	22° 1'	27°56'	S 12
M13	7 29 30	22°18'04"	10°18'56"	6°32'	24°31'	12°46'	22°30'	9°49'	21°21'	24°54'	5°16'	11°12'	12° 0'	22° 7'	27°52'	M13
T 14	7 33 26	23°19'10"	24°35'	8° 7'	24°38'	13°33'	22°24'	9°46'	21°23'	24°55'	5°15'	11°10'	11° 5'	22°14'	27°48'	T 14
W15	7 37 23	24°20'17"	8°11'1"	9°40'	24°43'	14°19'	22°18'	9°43'	21°25'	24°56'	5°13'	11° 8'	11°54'	22°21'	27°44'	W15
T 16	7 41 19	25°21'23"	21°14'	11°13'	24°R46'	15° 5'	22°11'	9°41'	21°27'	24°57'	5°12'	11° 5'	11°50'	22°27'	27°40'	T 16
F 17	7 45 16	26°22'29"	4°18'0"	12°44'	24°46'	15°52'	22° 5'	9°38'	21°30'	24°59'	5°11'	11° 3'	11°47'	22°34'	27°35'	F 17
S 18	7 49 13	27°23'35"	17° 0'	14°14'	24°43'	16°38'	21°58'	9°36'	21°32'	25° 0'	5° 9'	11° 1'	11°44'	22°41'	27°31'	S 18
S 19	7 53 9	28°24'41"	29°33'	15°41'	24°38'	17°24'	21°52'	9°33'	21°34'	25° 2'	5° 8'	11° 0'	11°41'	22°47'	27°27'	S 19
M20	7 57 6	29°25'47"	11°18'54"	17° 7'	24°31'	18°11'	21°45'	9°31'	21°37'	25° 3'	5° 7'	11°D 0'	11°38'	22°54'	27°23'	M20
T 21	8 1 2	0°26'52"	24° 3'	18°30'	24°20'	18°57'	21°38'	9°29'	21°39'	25° 5'	5° 5'	11° 0'	11°35'	23° 1'	27°19'	T 21
W22	8 4 59	1°27'57"	6°11'3"	19°50'	24° 8'	19°43'	21°31'	9°27'	21°41'	25° 6'	5° 4'	11° 1'	11°31'	23° 7'	27°15'	W22
T 23	8 8 55	2°29'03"	17°56'	21° 6'	23°53'	20°29'	21°23'	9°25'	21°44'	25° 8'	5° 3'	11° 2'	11°28'	23°14'	27°11'	T 23
F 24	8 12 52	3°30'08"	29°46'	22°17'	23°35'	21°16'	21°16'	9°23'	21°46'	25° 9'	5° 2'	11° 3'	11°25'	23°21'	27° 7'	F 24
S 25	8 16 48	4°31'13"	11°18'36"	23°24'	23°15'	22° 2'	21° 9'	9°21'	21°49'	25°11'	5° 0'	11° 4'	11°22'	23°27'	27° 3'	S 25
S 26	8 20 45	5°32'17"	23°31'	24°25'	22°53'	22°48'	21° 1'	9°20'	21°52'	25°12'	4°59'	11° 4'	11°19'	23°34'	26°58'	S 26
M27	8 24 42	6°33'22"	5°11'35"	25°18'	22°29'	23°34'	20°54'	9°18'	21°54'	25°14'	4°58'	11°R 4'	11°16'	23°41'	26°54'	M27
T 28	8 28 38	7°34'27"	17°52'	26° 5'	22° 2'	24°20'	20°46'	9°17'	21°57'	25°16'	4°56'	11° 4'	11°12'	23°47'	26°50'	T 28
W29	8 32 35	8°35'31"	0°17'29"	26°43'	21°34'	25° 7'	20°39'	9°15'	22° 0'	25°17'	4°55'	11° 4'	11° 9'	23°54'	26°46'	W29
T 30	8 36 31	9°36'36"	13°27'	27°11'	21° 4'	25°53'	20°31'	9°14'	22° 2'	25°19'	4°54'	11° 4'	11° 6'	24° 1'	26°42'	T 30
F 31	8 40 28	10°37'40"	26°17'50"	27°29'	20°32'	26°11'39"	20°Q23	9°II13	22°11'5	25°11'21"	4°Q52	11°D 4'	11°28'3	24°11'7	26°Q38	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	22s58	23s19	5s 6	24s16	2s 3	15s 5	0s28	11s11	1s 5	14n18	0n43	20n 0	1s58	4s16	0s46	3s 3	1s 1	20n28	1n42	17s17	16s57	0n43	13n 1	7s29			
T 2	22 53	25 51	4 45	24 5	2 6	14 46	0 18	10 54	1 4	14 20	0 43	20 0	1 57	4 16	0 46	3 3	1 1	20 29	1 42	17 18	16 58	0 39	13 2	7 29			
F 3	22 48	27 1	4 8	23 53	2 8	14 27	0 8	10 36	1 3	14 21	0 43	19 59	1 57	4 15	0 46	3 2	1 1	20 29	1 42	17 20	16 59	0 36	13 2	7 30			
S 4	22 42	26 34	3 15	23 39	2 9	14 8	0n 3	10 18	1 2	14 23	0 43	19 59	1 57	4 14	0 46	3 2	1 1	20 29	1 42	17 21	17 0	0 33	13 3	7 30			
S 5	22 36	24 26	2 10	23 24	2 10	13 50	0 14	10 0	1 1	14 25	0 44	19 59	1 57	4 13	0 46	3 1	1 1	20 30	1 42	17 22	17 1	0 30	13 3	7 30			
M 6	22 30	20 44	0 55	23 8	2 11	13 31	0 25	9 42	1 0	14 27	0 44	19 58	1 57	4 13	0 46	3 1	1 1	20 30	1 42	17 22	17 2	0 26	13 4	7 30			
T 7	22 23	15 44	0n24	22 50	2 11	13 13	0 36	9 24	0 59	14 28	0 44	19 58	1 56	4 12	0 46	3 0	1 1	20 31	1 42	17 22	17 3	0 23	13 4	7 30			
W 8	22 15	9 50	1 42	22 31	2 11	12 56	0 48	9 6	0 59	14 30	0 44	19 58	1 56	4 11	0 46	3 0	1 1	20 31	1 43	17 22	17 3	0 20	13 5	7 30			
T 9	22 7	3 26	2 53	22 10	2 11	12 38	1 0	8 48	0 58	14 32	0 44	19 58	1 56	4 10	0 46	2 59	1 1	20 31	1 43	17 22	17 4	0 17	13 6	7 31			
F 10	21 59	3n 6	3 53	21 48	2 10	12 21	1 13	8 30	0 57	14 34	0 45	19 57	1 56	4 10	0 46	2 59	1 1	20 32	1 43	17 21	17 5	0 13	13 6	7 31			
S 11	21 50	9 24	4 38	21 24	2 8	12 5	1 25	8 11	0 56	14 36	0 45	19 57	1 56	4 9	0 46	2 59	1 1	20 32	1 43	17 21	17 6	0 10	13 7	7 31			
S 12	21 41	15 9	5 6	21 0	2 6	11 48	1 38	7 53	0 55	14 38	0 45	19 57	1 55	4 8	0 45	2 58	1 1	20 33	1 43	17 21	17 7	0 7	13 8	7 31			
M13	21 31	20 3	5 16	20 33	2 3	11 33	1 52	7 35	0 54	14 40	0 45	19 57	1 55	4 7	0 45	2 57	1 1	20 33	1 43	17 21	17 8	0 4	13 8	7 31			
T 14	21 21	23 48	5 7	20 6	2 0	11 17	2 6	7 16	0 53	14 43	0 45	19 56	1 55	4 6	0 45	2 57	1 1	20 33	1 43	17 22	17 9	0 0	13 9	7 31			
W15	21 10	26 12	4 42	19 37	1 56	11 2	2 20	6 57	0 52	14 45	0 46	19 56	1 55	4 5	0 45	2 56	1 1	20 34	1 43	17 22	17 10	0s 3	13 10	7 31			
T 16	20 59	27 5	4 2	19 8	1 51	10 48	2 34	6 39	0 52	14 47	0 46	19 56	1 54	4 4	0 45	2 56	1 1	20 34	1 43	17 23	17 11	0 6	13 10	7 31			
F 17	20 48	26 27	3 10	18 37	1 46	10 34	2 48	6 20	0 51	14 49	0 46	19 56	1 54	4 3	0 45	2 55	1 1	20 34	1 43	17 24	17 11	0 9	13 11	7 31			
S 18	20 36	24 25	2 9	18 5	1 39	10 21	3 3	6 1	0 50	14 52	0 46	19 56	1 54	4 2	0 45	2 55	1 1	20 35	1 43	17 24	17 12	0 13	13 12	7 31			
S 19	20 24	21 12	1 3	17 33	1 32	10 9	3 18	5 43	0 49	14 54	0 46	19 56	1 54	4 2	0 45	2 54	1 1	20 35	1 43	17 24	17 13	0 16	13 13	7 31			
M20	20 12	17 5	0s 5	17 0	1 25	9 57	3 33	5 24	0 48	14 56	0 46	19 56	1 53	4 1	0 45	2 54	1 1	20 36	1 43	17 24	17 14	0 19	13 13	7 31			
T 21	19 59	12 20	1 12	16 26	1 16	9 46	3 48	5 5	0 47	14 59	0 47	19 56	1 53	4 0	0 45	2 53	1 1	20 36	1 44	17 24	17 15	0 22	13 14	7 31			
W22	19 46	7 10	2 15	15 52	1 6	9 36	4 3	4 46	0 46	15 1	0 47	19 56	1 53	3 59	0 45	2 52	1 1	20 36	1 44	17 24	17 16	0 25	13 15	7 31			
T 23	19 32	1 49	3 11	15 18	0 56	9 27	4 18	4 27	0 45	15 4	0 47	19 55	1 53	3 58	0 45	2 52	1 1	20 37	1 44	17 24	17 17	0 29	13 16	7 31			
F 24	19 18	3s34	3 59	14 44	0 44	9 18	4 34	4 8	0 45	15 6	0 47	19 55	1 52	3 57	0 45	2 51	1 1	20 37	1 44	17 24	17 18	0 32	13 17	7 31			
S 25	19 4	8 49	4 37	14 10	0 32	9 10	4 49	3 49	0 44	15 9	0 47	19 55	1 52	3 56	0 45	2 50	1 1	20 38	1 44	17 23	17 18	0 35	13 17	7 31			
S 26	18 49	13 47	5 3	13 38	0 18	9 3	5 4	3 30	0 43	15 11	0 47	19 55	1 52	3 54	0 45	2 50	1 1	20 38	1 44	17 23	17 19	0 38	13 18	7 31			
M27	18 34	18 18	5 16	13 6	0 4	8 57	5 19	3 11	0 42	15 14	0 48	19 55	1 52	3 53	0 45	2 49	1 1	20 38	1 44	17 23	17 20	0 42	13 19	7 31			
T 28	18 19	22 8	5 15	12 36	0n11	8 51	5 33	2 52	0 41	15 16	0 48	19 55	1 51	3 52	0 45	2 48	1 1	20 39	1 44	17 23	17 21	0 45	13 20	7 31			
W29	18 3	25 3	5 0	12 8	0 27	8 47	5 47	2 33	0 40	15 19	0 48	19 56	1 51	3 51	0 45	2 48	1 1	20 39	1 44	17 23	17 22	0 48	13 21	7 31			
T 30	17 47	26 46	4 28	11 43	0 44	8 43	6 1	2 14	0 39	15 22	0 48	19 56	1 51	3 50	0 45	2 47	1 1	20 39	1 44	17 23	17 23	0 51	13 22	7 31			
F 31	17s31	27s 1	3s42	11s20	1n 1	8s40	6n14	1s55	0s38	15n24	0n48	19n56	1s51	3s49	0s45	2s46	1s 1	20n40	1n44	17s23	17s24	0s54	13n22	7s30			

## ASTRODIENST EPHEMERIS for the year 2679

FEBRUARY 2679

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 44 24	11 <sup>38</sup> 38'43	10 <sup>33</sup> 39	27°R37	19°R59	27 <sup>38</sup> 25	20°R15	9°R12	22 <sup>38</sup> 8	25 <sup>38</sup> 23	4°R51	11 <sup>38</sup> 4	11 <sup>38</sup> 0	24 <sup>38</sup> 14	26°R34	S 1
S 2	8 48 21	12°39'46	24°52	27 <sup>38</sup> 33	19 <sup>38</sup> 24	28°11	20 <sup>38</sup> 7	9 <sup>38</sup> 11	22°11	25°24	4 <sup>38</sup> 50	11°4	10°56	24°21	26 <sup>38</sup> 30	S 2
M 3	8 52 17	13°40'49	9 <sup>38</sup> 26	27°18	18°49	28°57	19°59	9°10	22°13	25°26	4°49	11°R 4	10°53	24°27	26°27	M 3
T 4	8 56 14	14°41'51	24°14	26°51	18°13	29°43	19°51	9°10	22°16	25°28	4°47	11°4	10°50	24°34	26°23	T 4
W 5	9 0 11	15°42'52	9 <sup>38</sup> 11	26°13	17°36	0 <sup>38</sup> 29	19°43	9°9	22°19	25°30	4°46	11°4	10°47	24°41	26°19	W 5
T 6	9 4 7	16°43'52	24°6	25°25	16°59	1°15	19°35	9°9	22°22	25°32	4°45	11°3	10°44	24°48	26°15	T 6
F 7	9 8 4	17°44'51	8 <sup>38</sup> 52	24°27	16°22	2°1	19°27	9°8	22°25	25°33	4°43	11°2	10°41	24°54	26°11	F 7
S 8	9 12 0	18°45'49	23°24	23°23	15°45	2°47	19°19	9°8	22°28	25°35	4°42	11°2	10°37	25°1	26°8	S 8
S 9	9 15 57	19°46'46	7 <sup>38</sup> 37	22°12	15°9	3°33	19°11	9°D 8	22°31	25°37	4°41	11°1	10°34	25°8	26°4	S 9
M10	9 19 53	20°47'42	21°29	20°59	14°34	4°19	19°3	9°8	22°34	25°39	4°40	11°D 1	10°31	25°14	26°0	M10
T 11	9 23 50	21°48'36	5 <sup>38</sup> 0	19°44	13°59	5°5	18°55	9°8	22°37	25°41	4°38	11°1	10°28	25°21	25°57	T 11
W12	9 27 46	22°49'30	18°12	18°30	13°26	5°51	18°47	9°8	22°40	25°43	4°37	11°2	10°25	25°28	25°53	W12
T 13	9 31 43	23°50'22	1 <sup>38</sup> 6	17°19	12°54	6°37	18°39	9°9	22°43	25°45	4°36	11°3	10°22	25°34	25°50	T 13
F 14	9 35 40	24°51'13	13°45	16°13	12°24	7°23	18°32	9°9	22°47	25°47	4°35	11°4	10°18	25°41	25°46	F 14
S 15	9 39 36	25°52'02	26°11	15°12	11°55	8°8	18°24	9°10	22°50	25°49	4°33	11°5	10°15	25°48	25°43	S 15
S 16	9 43 33	26°52'51	8 <sup>38</sup> 27	14°19	11°29	8°54	18°16	9°10	22°53	25°51	4°32	11°R 6	10°12	25°54	25°40	S 16
M17	9 47 29	27°53'38	20°34	13°34	11°4	9°40	18°8	9°11	22°56	25°53	4°31	11°6	10°9	26°1	25°36	M17
T 18	9 51 26	28°54'24	2 <sup>38</sup> 33	12°57	10°42	10°26	18°0	9°12	22°59	25°55	4°30	11°4	10°6	26°8	25°33	T 18
W19	9 55 22	29°55'08	14°28	12°28	10°22	11°11	17°52	9°13	23°2	25°57	4°29	11°2	10°2	26°14	25°30	W19
T 20	9 59 19	0 <sup>38</sup> 55'52	26°20	12°7	10°4	11°57	17°45	9°14	23°6	26°0	4°28	10°59	9°59	26°21	25°27	T 20
F 21	10 3 15	1°56'34	8 <sup>38</sup> 10	11°55	9°49	12°42	17°37	9°15	23°9	26°2	4°26	10°56	9°56	26°28	25°24	F 21
S 22	10 7 12	2°57'16	20°1	11°D50	9°36	13°28	17°30	9°17	23°12	26°4	4°25	10°52	9°53	26°34	25°21	S 22
S 23	10 11 9	3°57'56	1 <sup>38</sup> 57	11°52	9°26	14°13	17°22	9°18	23°15	26°6	4°24	10°48	9°50	26°41	25°18	S 23
M24	10 15 5	4°58'35	14°0	12°2	9°19	14°59	17°15	9°20	23°19	26°8	4°23	10°46	9°47	26°48	25°15	M24
T 25	10 19 2	5°59'13	26°15	12°18	9°13	15°44	17°8	9°21	23°22	26°10	4°22	10°44	9°43	26°55	25°13	T 25
W26	10 22 58	6°59'50	8 <sup>38</sup> 46	12°39	9°11	16°30	17°1	9°23	23°25	26°12	4°21	10°D44	9°40	27°1	25°10	W26
T 27	10 26 55	8°0'26	21°37	13°7	9°D10	17°15	16°53	9°25	23°29	26°15	4°20	10°44	9°37	27°8	25°7	T 27
F 28	10 30 51	9 <sup>38</sup> 1'01	4 <sup>38</sup> 52	13 <sup>38</sup> 39	9 <sup>38</sup> 13	18°38	16°46	9 <sup>38</sup> 27	23 <sup>38</sup> 32	26°17	4 <sup>38</sup> 19	10 <sup>38</sup> 46	9 <sup>38</sup> 34	27 <sup>38</sup> 15	25°5	F 28

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	17s14	25s36	2s41	11s 1	1n19	8s38	6n27	1s36	0s38	15n27	0n48	19n56	1s50	3s48	0s45	2s46
S 2	16 57	22 32	1 29	10 45	1 37	8 37	6 39	1 17	0 37	15 29	0 48	19 56	1 50	3 47	0 45	2 45
M 3	16 40	17 59	0 9	10 34	1 55	8 37	6 51	0 58	0 36	15 32	0 49	19 56	1 50	3 46	0 45	2 44
T 4	16 22	12 15	1n13	10 26	2 13	8 37	7 2	0 39	0 35	15 35	0 49	19 56	1 50	3 45	0 45	2 44
W 5	16 4	5 47	2 30	10 24	2 29	8 38	7 12	0 20	0 34	15 37	0 49	19 56	1 49	3 43	0 45	2 43
T 6	15 46	0n59	3 37	10 25	2 45	8 40	7 21	0 1	0 33	15 40	0 49	19 57	1 49	3 42	0 45	2 42
F 7	15 27	7 37	4 29	10 31	2 59	8 43	7 30	0n18	0 32	15 43	0 49	19 57	1 49	3 41	0 45	2 41
S 8	15 9	13 44	5 2	10 40	3 11	8 46	7 37	0 37	0 32	15 45	0 49	19 57	1 49	3 40	0 45	2 41
S 9	14 50	18 59	5 17	10 53	3 21	8 50	7 44	0 56	0 31	15 48	0 49	19 57	1 48	3 39	0 45	2 40
M10	14 31	23 5	5 12	11 9	3 29	8 54	7 49	1 15	0 30	15 50	0 49	19 58	1 48	3 37	0 45	2 39
T 11	14 11	25 48	4 50	11 27	3 34	8 59	7 54	1 34	0 29	15 53	0 50	19 58	1 48	3 36	0 45	2 38
W12	13 51	27 2	4 13	11 47	3 37	9 5	7 58	1 53	0 28	15 55	0 50	19 58	1 48	3 35	0 45	2 37
T 13	13 32	26 45	3 24	12 8	3 37	9 11	8 1	2 12	0 27	15 58	0 50	19 58	1 47	3 34	0 45	2 37
F 14	13 11	25 4	2 26	12 30	3 35	9 17	8 3	2 31	0 26	16 1	0 50	19 59	1 47	3 32	0 45	2 36
S 15	12 51	22 10	1 22	12 51	3 31	9 23	8 4	2 50	0 26	16 3	0 50	19 59	1 47	3 31	0 45	2 35
S 16	12 31	18 19	0 15	13 12	3 25	9 30	8 5	3 8	0 25	16 6	0 50	20 0	1 46	3 30	0 45	2 34
M17	12 10	13 46	0s52	13 33	3 17	9 37	8 4	3 27	0 24	16 8	0 50	20 0	1 46	3 29	0 45	2 33
T 18	11 49	8 43	1 56	13 52	3 8	9 44	8 3	3 46	0 23	16 11	0 50	20 0	1 46	3 27	0 45	2 33
W19	11 28	3 25	2 54	14 9	2 58	9 51	8 1	4 4	0 22	16 13	0 50	20 1	1 46	3 26	0 45	2 32
T 20	11 6	1s59	3 44	14 25	2 47	9 58	7 58	4 23	0 21	16 15	0 50	20 1	1 45	3 25	0 45	2 31
F 21	10 45	7 17	4 25	14 40	2 36	10 5	7 55	4 41	0 21	16 18	0 50	20 2	1 45	3 24	0 44	2 30
S 22	10 23	12 20	4 54	14 53	2 24	10 12	7 51	5 0	0 20	16 20	0 50	20 2	1 45	3 22	0 44	2 29
S 23	10 1	16 58	5 11	15 4	2 11	10 19	7 47	5 18	0 19	16 22	0 50	20 3	1 45	3 21	0 44	2 28
M24	9 39	20 58	5 14	15 13	1 59	10 26	7 42	5 36	0 18	16 25	0 51	20 3	1 44	3 20	0 44	2 27
T 25	9 17	24 9	5 3	15 21	1 46	10 32	7 36	5 54	0 17	16 27	0 51	20 4	1 44	3 18	0 44	2 27
W26	8 55	26 15	4 38	15 27	1 34	10 39	7 30	6 13	0 16	16 29	0 51	20 4	1 44	3 17	0 44	2 26
T 27	8 32	27 3	3 58	15 31	1 21	10 45	7 24	6 31	0 16	16 31	0 51	20 5	1 44	3 16	0 44	2 25
F 28	8s10	26s20	3s 5	15s34	1n 9	10s51	7n17	6n49	0s15	16n33	0n51	20n 5	1s43	3s14	0s44	2s24

Julian Day Number = 2699575.5, Delta T = 25m41s

Ecliptic obliquity = 23°21'10, Nutation = 0°00'14

Ayanamsha: Fagan/Bradley = 34°14'24, Lahiri = 33°21'24

## ASTRODIENST EPHEMERIS for the year 2679

MARCH 2679

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 34 48	10 <sup>h</sup> 13 <sup>m</sup> 35 <sup>s</sup>	18 <sup>h</sup> 33 <sup>m</sup> 33 <sup>s</sup>	14 <sup>h</sup> 16 <sup>m</sup> 16 <sup>s</sup>	9 <sup>h</sup> 17 <sup>m</sup> 17 <sup>s</sup>	18 <sup>h</sup> 46 <sup>m</sup> 46 <sup>s</sup>	16 <sup>h</sup> 40 <sup>m</sup> 40 <sup>s</sup>	9 <sup>h</sup> 29 <sup>m</sup> 29 <sup>s</sup>	23 <sup>h</sup> 35 <sup>m</sup> 35 <sup>s</sup>	26 <sup>h</sup> 19 <sup>m</sup> 19 <sup>s</sup>	4 <sup>h</sup> 18 <sup>m</sup> 18 <sup>s</sup>	10 <sup>h</sup> 47 <sup>m</sup> 47 <sup>s</sup>	9 <sup>h</sup> 31 <sup>m</sup> 31 <sup>s</sup>	27 <sup>h</sup> 21 <sup>m</sup> 21 <sup>s</sup>	25 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	S 1
S 2	10 38 44	11 <sup>h</sup> 2 <sup>m</sup> 07 <sup>s</sup>	2 <sup>h</sup> 42 <sup>m</sup> 42 <sup>s</sup>	14 <sup>h</sup> 58 <sup>m</sup> 58 <sup>s</sup>	9 <sup>h</sup> 24 <sup>m</sup> 24 <sup>s</sup>	19 <sup>h</sup> 31 <sup>m</sup> 31 <sup>s</sup>	16 <sup>h</sup> 33 <sup>m</sup> 33 <sup>s</sup>	9 <sup>h</sup> 32 <sup>m</sup> 32 <sup>s</sup>	23 <sup>h</sup> 39 <sup>m</sup> 39 <sup>s</sup>	26 <sup>h</sup> 21 <sup>m</sup> 21 <sup>s</sup>	4 <sup>h</sup> 17 <sup>m</sup> 17 <sup>s</sup>	10 <sup>h</sup> 49 <sup>m</sup> 49 <sup>s</sup>	9 <sup>h</sup> 28 <sup>m</sup> 28 <sup>s</sup>	27 <sup>h</sup> 28 <sup>m</sup> 28 <sup>s</sup>	25 <sup>h</sup> 0 <sup>m</sup> 0 <sup>s</sup>	S 2
M 3	10 42 41	12 <sup>h</sup> 2 <sup>m</sup> 38 <sup>s</sup>	17 <sup>h</sup> 17 <sup>m</sup> 17 <sup>s</sup>	15 <sup>h</sup> 43 <sup>m</sup> 43 <sup>s</sup>	9 <sup>h</sup> 33 <sup>m</sup> 33 <sup>s</sup>	20 <sup>h</sup> 16 <sup>m</sup> 16 <sup>s</sup>	16 <sup>h</sup> 26 <sup>m</sup> 26 <sup>s</sup>	9 <sup>h</sup> 34 <sup>m</sup> 34 <sup>s</sup>	23 <sup>h</sup> 42 <sup>m</sup> 42 <sup>s</sup>	26 <sup>h</sup> 23 <sup>m</sup> 23 <sup>s</sup>	4 <sup>h</sup> 16 <sup>m</sup> 16 <sup>s</sup>	10 <sup>h</sup> 49 <sup>m</sup> 49 <sup>s</sup>	9 <sup>h</sup> 24 <sup>m</sup> 24 <sup>s</sup>	27 <sup>h</sup> 35 <sup>m</sup> 35 <sup>s</sup>	24 <sup>h</sup> 58 <sup>m</sup> 58 <sup>s</sup>	M 3
T 4	10 46 38	13 <sup>h</sup> 3 <sup>m</sup> 08 <sup>s</sup>	2 <sup>h</sup> 14 <sup>m</sup> 14 <sup>s</sup>	16 <sup>h</sup> 32 <sup>m</sup> 32 <sup>s</sup>	9 <sup>h</sup> 45 <sup>m</sup> 45 <sup>s</sup>	21 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	16 <sup>h</sup> 20 <sup>m</sup> 20 <sup>s</sup>	9 <sup>h</sup> 36 <sup>m</sup> 36 <sup>s</sup>	23 <sup>h</sup> 46 <sup>m</sup> 46 <sup>s</sup>	26 <sup>h</sup> 26 <sup>m</sup> 26 <sup>s</sup>	4 <sup>h</sup> 15 <sup>m</sup> 15 <sup>s</sup>	10 <sup>h</sup> 47 <sup>m</sup> 47 <sup>s</sup>	9 <sup>h</sup> 21 <sup>m</sup> 21 <sup>s</sup>	27 <sup>h</sup> 41 <sup>m</sup> 41 <sup>s</sup>	24 <sup>h</sup> 55 <sup>m</sup> 55 <sup>s</sup>	T 4
W 5	10 50 34	14 <sup>h</sup> 3 <sup>m</sup> 36 <sup>s</sup>	17 <sup>h</sup> 25 <sup>m</sup> 25 <sup>s</sup>	17 <sup>h</sup> 25 <sup>m</sup> 25 <sup>s</sup>	9 <sup>h</sup> 58 <sup>m</sup> 58 <sup>s</sup>	21 <sup>h</sup> 47 <sup>m</sup> 47 <sup>s</sup>	16 <sup>h</sup> 13 <sup>m</sup> 13 <sup>s</sup>	9 <sup>h</sup> 39 <sup>m</sup> 39 <sup>s</sup>	23 <sup>h</sup> 49 <sup>m</sup> 49 <sup>s</sup>	26 <sup>h</sup> 28 <sup>m</sup> 28 <sup>s</sup>	4 <sup>h</sup> 14 <sup>m</sup> 14 <sup>s</sup>	10 <sup>h</sup> 44 <sup>m</sup> 44 <sup>s</sup>	9 <sup>h</sup> 18 <sup>m</sup> 18 <sup>s</sup>	27 <sup>h</sup> 48 <sup>m</sup> 48 <sup>s</sup>	24 <sup>h</sup> 53 <sup>m</sup> 53 <sup>s</sup>	W 5
T 6	10 54 31	15 <sup>h</sup> 4 <sup>m</sup> 03 <sup>s</sup>	2 <sup>h</sup> 40 <sup>m</sup> 40 <sup>s</sup>	18 <sup>h</sup> 20 <sup>m</sup> 20 <sup>s</sup>	10 <sup>h</sup> 14 <sup>m</sup> 14 <sup>s</sup>	22 <sup>h</sup> 32 <sup>m</sup> 32 <sup>s</sup>	16 <sup>h</sup> 7 <sup>m</sup> 7 <sup>s</sup>	9 <sup>h</sup> 41 <sup>m</sup> 41 <sup>s</sup>	23 <sup>h</sup> 52 <sup>m</sup> 52 <sup>s</sup>	26 <sup>h</sup> 30 <sup>m</sup> 30 <sup>s</sup>	4 <sup>h</sup> 13 <sup>m</sup> 13 <sup>s</sup>	10 <sup>h</sup> 39 <sup>m</sup> 39 <sup>s</sup>	9 <sup>h</sup> 15 <sup>m</sup> 15 <sup>s</sup>	27 <sup>h</sup> 55 <sup>m</sup> 55 <sup>s</sup>	24 <sup>h</sup> 51 <sup>m</sup> 51 <sup>s</sup>	T 6
F 7	10 58 27	16 <sup>h</sup> 4 <sup>m</sup> 27 <sup>s</sup>	17 <sup>h</sup> 49 <sup>m</sup> 49 <sup>s</sup>	19 <sup>h</sup> 19 <sup>m</sup> 19 <sup>s</sup>	10 <sup>h</sup> 31 <sup>m</sup> 31 <sup>s</sup>	23 <sup>h</sup> 17 <sup>m</sup> 17 <sup>s</sup>	16 <sup>h</sup> 1 <sup>m</sup> 1 <sup>s</sup>	9 <sup>h</sup> 44 <sup>m</sup> 44 <sup>s</sup>	23 <sup>h</sup> 56 <sup>m</sup> 56 <sup>s</sup>	26 <sup>h</sup> 32 <sup>m</sup> 32 <sup>s</sup>	4 <sup>h</sup> 12 <sup>m</sup> 12 <sup>s</sup>	10 <sup>h</sup> 34 <sup>m</sup> 34 <sup>s</sup>	9 <sup>h</sup> 12 <sup>m</sup> 12 <sup>s</sup>	28 <sup>h</sup> 1 <sup>m</sup> 1 <sup>s</sup>	24 <sup>h</sup> 49 <sup>m</sup> 49 <sup>s</sup>	F 7
S 8	11 2 24	17 <sup>h</sup> 4 <sup>m</sup> 50 <sup>s</sup>	2 <sup>h</sup> 42 <sup>m</sup> 42 <sup>s</sup>	20 <sup>h</sup> 20 <sup>m</sup> 20 <sup>s</sup>	10 <sup>h</sup> 51 <sup>m</sup> 51 <sup>s</sup>	24 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	15 <sup>h</sup> 55 <sup>m</sup> 55 <sup>s</sup>	9 <sup>h</sup> 47 <sup>m</sup> 47 <sup>s</sup>	23 <sup>h</sup> 59 <sup>m</sup> 59 <sup>s</sup>	26 <sup>h</sup> 35 <sup>m</sup> 35 <sup>s</sup>	4 <sup>h</sup> 11 <sup>m</sup> 11 <sup>s</sup>	10 <sup>h</sup> 29 <sup>m</sup> 29 <sup>s</sup>	9 <sup>h</sup> 8 <sup>m</sup> 8 <sup>s</sup>	28 <sup>h</sup> 8 <sup>m</sup> 8 <sup>s</sup>	24 <sup>h</sup> 47 <sup>m</sup> 47 <sup>s</sup>	S 8
S 9	11 6 20	18 <sup>h</sup> 5 <sup>m</sup> 12 <sup>s</sup>	17 <sup>h</sup> 12 <sup>m</sup> 12 <sup>s</sup>	21 <sup>h</sup> 24 <sup>m</sup> 24 <sup>s</sup>	11 <sup>h</sup> 12 <sup>m</sup> 12 <sup>s</sup>	24 <sup>h</sup> 47 <sup>m</sup> 47 <sup>s</sup>	15 <sup>h</sup> 49 <sup>m</sup> 49 <sup>s</sup>	9 <sup>h</sup> 50 <sup>m</sup> 50 <sup>s</sup>	24 <sup>h</sup> 3 <sup>m</sup> 3 <sup>s</sup>	26 <sup>h</sup> 37 <sup>m</sup> 37 <sup>s</sup>	4 <sup>h</sup> 10 <sup>m</sup> 10 <sup>s</sup>	10 <sup>h</sup> 24 <sup>m</sup> 24 <sup>s</sup>	9 <sup>h</sup> 5 <sup>m</sup> 5 <sup>s</sup>	28 <sup>h</sup> 15 <sup>m</sup> 15 <sup>s</sup>	24 <sup>h</sup> 45 <sup>m</sup> 45 <sup>s</sup>	S 9
M10	11 10 17	19 <sup>h</sup> 5 <sup>m</sup> 31 <sup>s</sup>	11 <sup>h</sup> 15 <sup>m</sup> 15 <sup>s</sup>	22 <sup>h</sup> 30 <sup>m</sup> 30 <sup>s</sup>	11 <sup>h</sup> 35 <sup>m</sup> 35 <sup>s</sup>	25 <sup>h</sup> 32 <sup>m</sup> 32 <sup>s</sup>	15 <sup>h</sup> 44 <sup>m</sup> 44 <sup>s</sup>	9 <sup>h</sup> 53 <sup>m</sup> 53 <sup>s</sup>	24 <sup>h</sup> 6 <sup>m</sup> 6 <sup>s</sup>	26 <sup>h</sup> 39 <sup>m</sup> 39 <sup>s</sup>	4 <sup>h</sup> 9 <sup>m</sup> 9 <sup>s</sup>	10 <sup>h</sup> 21 <sup>m</sup> 21 <sup>s</sup>	9 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	28 <sup>h</sup> 21 <sup>m</sup> 21 <sup>s</sup>	24 <sup>h</sup> 44 <sup>m</sup> 44 <sup>s</sup>	M10
T 11	11 14 13	20 <sup>h</sup> 5 <sup>m</sup> 48 <sup>s</sup>	14 <sup>h</sup> 51 <sup>m</sup> 51 <sup>s</sup>	23 <sup>h</sup> 38 <sup>m</sup> 38 <sup>s</sup>	12 <sup>h</sup> 0 <sup>m</sup> 0 <sup>s</sup>	26 <sup>h</sup> 17 <sup>m</sup> 17 <sup>s</sup>	15 <sup>h</sup> 38 <sup>m</sup> 38 <sup>s</sup>	9 <sup>h</sup> 56 <sup>m</sup> 56 <sup>s</sup>	24 <sup>h</sup> 9 <sup>m</sup> 9 <sup>s</sup>	26 <sup>h</sup> 41 <sup>m</sup> 41 <sup>s</sup>	4 <sup>h</sup> 8 <sup>m</sup> 8 <sup>s</sup>	10 <sup>h</sup> 20 <sup>m</sup> 20 <sup>s</sup>	8 <sup>h</sup> 59 <sup>m</sup> 59 <sup>s</sup>	28 <sup>h</sup> 28 <sup>m</sup> 28 <sup>s</sup>	24 <sup>h</sup> 42 <sup>m</sup> 42 <sup>s</sup>	T 11
W12	11 18 10	21 <sup>h</sup> 6 <sup>m</sup> 04 <sup>s</sup>	28 <sup>h</sup> 1 <sup>m</sup> 1 <sup>s</sup>	24 <sup>h</sup> 48 <sup>m</sup> 48 <sup>s</sup>	12 <sup>h</sup> 27 <sup>m</sup> 27 <sup>s</sup>	27 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	15 <sup>h</sup> 33 <sup>m</sup> 33 <sup>s</sup>	9 <sup>h</sup> 59 <sup>m</sup> 59 <sup>s</sup>	24 <sup>h</sup> 13 <sup>m</sup> 13 <sup>s</sup>	26 <sup>h</sup> 44 <sup>m</sup> 44 <sup>s</sup>	4 <sup>h</sup> 7 <sup>m</sup> 7 <sup>s</sup>	10 <sup>h</sup> 20 <sup>m</sup> 20 <sup>s</sup>	8 <sup>h</sup> 56 <sup>m</sup> 56 <sup>s</sup>	28 <sup>h</sup> 35 <sup>m</sup> 35 <sup>s</sup>	24 <sup>h</sup> 40 <sup>m</sup> 40 <sup>s</sup>	W12
T 13	11 22 7	22 <sup>h</sup> 6 <sup>m</sup> 17 <sup>s</sup>	10 <sup>h</sup> 34 <sup>m</sup> 34 <sup>s</sup>	26 <sup>h</sup> 0 <sup>m</sup> 0 <sup>s</sup>	12 <sup>h</sup> 55 <sup>m</sup> 55 <sup>s</sup>	27 <sup>h</sup> 47 <sup>m</sup> 47 <sup>s</sup>	15 <sup>h</sup> 27 <sup>m</sup> 27 <sup>s</sup>	10 <sup>h</sup> 3 <sup>m</sup> 3 <sup>s</sup>	24 <sup>h</sup> 16 <sup>m</sup> 16 <sup>s</sup>	26 <sup>h</sup> 46 <sup>m</sup> 46 <sup>s</sup>	4 <sup>h</sup> 7 <sup>m</sup> 7 <sup>s</sup>	10 <sup>h</sup> 21 <sup>m</sup> 21 <sup>s</sup>	8 <sup>h</sup> 53 <sup>m</sup> 53 <sup>s</sup>	28 <sup>h</sup> 42 <sup>m</sup> 42 <sup>s</sup>	24 <sup>h</sup> 39 <sup>m</sup> 39 <sup>s</sup>	T 13
F 14	11 26 3	23 <sup>h</sup> 6 <sup>m</sup> 29 <sup>s</sup>	27 <sup>h</sup> 14 <sup>m</sup> 14 <sup>s</sup>	13 <sup>h</sup> 25 <sup>m</sup> 25 <sup>s</sup>	28 <sup>h</sup> 32 <sup>m</sup> 32 <sup>s</sup>	29 <sup>h</sup> 16 <sup>m</sup> 16 <sup>s</sup>	15 <sup>h</sup> 18 <sup>m</sup> 18 <sup>s</sup>	10 <sup>h</sup> 10 <sup>m</sup> 10 <sup>s</sup>	24 <sup>h</sup> 23 <sup>m</sup> 23 <sup>s</sup>	26 <sup>h</sup> 50 <sup>m</sup> 50 <sup>s</sup>	4 <sup>h</sup> 5 <sup>m</sup> 5 <sup>s</sup>	10 <sup>h</sup> 24 <sup>m</sup> 24 <sup>s</sup>	8 <sup>h</sup> 46 <sup>m</sup> 46 <sup>s</sup>	28 <sup>h</sup> 55 <sup>m</sup> 55 <sup>s</sup>	24 <sup>h</sup> 36 <sup>m</sup> 36 <sup>s</sup>	F 14
S 15	11 30 0	24 <sup>h</sup> 6 <sup>m</sup> 38 <sup>s</sup>	5 <sup>h</sup> 31 <sup>m</sup> 31 <sup>s</sup>	28 <sup>h</sup> 30 <sup>m</sup> 30 <sup>s</sup>	13 <sup>h</sup> 56 <sup>m</sup> 56 <sup>s</sup>	29 <sup>h</sup> 16 <sup>m</sup> 16 <sup>s</sup>	15 <sup>h</sup> 18 <sup>m</sup> 18 <sup>s</sup>	10 <sup>h</sup> 10 <sup>m</sup> 10 <sup>s</sup>	24 <sup>h</sup> 23 <sup>m</sup> 23 <sup>s</sup>	26 <sup>h</sup> 50 <sup>m</sup> 50 <sup>s</sup>	4 <sup>h</sup> 5 <sup>m</sup> 5 <sup>s</sup>	10 <sup>h</sup> 24 <sup>m</sup> 24 <sup>s</sup>	8 <sup>h</sup> 46 <sup>m</sup> 46 <sup>s</sup>	28 <sup>h</sup> 55 <sup>m</sup> 55 <sup>s</sup>	24 <sup>h</sup> 36 <sup>m</sup> 36 <sup>s</sup>	S 15
S 16	11 33 56	25 <sup>h</sup> 6 <sup>m</sup> 45 <sup>s</sup>	17 <sup>h</sup> 34 <sup>m</sup> 34 <sup>s</sup>	29 <sup>h</sup> 48 <sup>m</sup> 48 <sup>s</sup>	14 <sup>h</sup> 29 <sup>m</sup> 29 <sup>s</sup>	0 <sup>h</sup> 8 <sup>m</sup> 8 <sup>s</sup>	15 <sup>h</sup> 13 <sup>m</sup> 13 <sup>s</sup>	10 <sup>h</sup> 13 <sup>m</sup> 13 <sup>s</sup>	24 <sup>h</sup> 27 <sup>m</sup> 27 <sup>s</sup>	26 <sup>h</sup> 53 <sup>m</sup> 53 <sup>s</sup>	4 <sup>h</sup> 4 <sup>m</sup> 4 <sup>s</sup>	10 <sup>h</sup> 23 <sup>m</sup> 23 <sup>s</sup>	8 <sup>h</sup> 43 <sup>m</sup> 43 <sup>s</sup>	29 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	24 <sup>h</sup> 35 <sup>m</sup> 35 <sup>s</sup>	S 16
M17	11 37 53	26 <sup>h</sup> 6 <sup>m</sup> 51 <sup>s</sup>	29 <sup>h</sup> 31 <sup>m</sup> 31 <sup>s</sup>	1 <sup>h</sup> 7 <sup>m</sup> 7 <sup>s</sup>	15 <sup>h</sup> 3 <sup>m</sup> 3 <sup>s</sup>	0 <sup>h</sup> 46 <sup>m</sup> 46 <sup>s</sup>	15 <sup>h</sup> 8 <sup>m</sup> 8 <sup>s</sup>	10 <sup>h</sup> 17 <sup>m</sup> 17 <sup>s</sup>	24 <sup>h</sup> 30 <sup>m</sup> 30 <sup>s</sup>	26 <sup>h</sup> 55 <sup>m</sup> 55 <sup>s</sup>	4 <sup>h</sup> 3 <sup>m</sup> 3 <sup>s</sup>	10 <sup>h</sup> 21 <sup>m</sup> 21 <sup>s</sup>	8 <sup>h</sup> 40 <sup>m</sup> 40 <sup>s</sup>	29 <sup>h</sup> 8 <sup>m</sup> 8 <sup>s</sup>	24 <sup>h</sup> 34 <sup>m</sup> 34 <sup>s</sup>	M17
T 18	11 41 49	27 <sup>h</sup> 6 <sup>m</sup> 54 <sup>s</sup>	11 <sup>h</sup> 23 <sup>m</sup> 23 <sup>s</sup>	2 <sup>h</sup> 27 <sup>m</sup> 27 <sup>s</sup>	15 <sup>h</sup> 38 <sup>m</sup> 38 <sup>s</sup>	1 <sup>h</sup> 30 <sup>m</sup> 30 <sup>s</sup>	15 <sup>h</sup> 4 <sup>m</sup> 4 <sup>s</sup>	10 <sup>h</sup> 21 <sup>m</sup> 21 <sup>s</sup>	24 <sup>h</sup> 34 <sup>m</sup> 34 <sup>s</sup>	26 <sup>h</sup> 57 <sup>m</sup> 57 <sup>s</sup>	4 <sup>h</sup> 3 <sup>m</sup> 3 <sup>s</sup>	10 <sup>h</sup> 17 <sup>m</sup> 17 <sup>s</sup>	8 <sup>h</sup> 37 <sup>m</sup> 37 <sup>s</sup>	29 <sup>h</sup> 15 <sup>m</sup> 15 <sup>s</sup>	24 <sup>h</sup> 33 <sup>m</sup> 33 <sup>s</sup>	T 18
W19	11 45 46	28 <sup>h</sup> 6 <sup>m</sup> 55 <sup>s</sup>	23 <sup>h</sup> 14 <sup>m</sup> 14 <sup>s</sup>	3 <sup>h</sup> 49 <sup>m</sup> 49 <sup>s</sup>	16 <sup>h</sup> 15 <sup>m</sup> 15 <sup>s</sup>	2 <sup>h</sup> 15 <sup>m</sup> 15 <sup>s</sup>	15 <sup>h</sup> 0 <sup>m</sup> 0 <sup>s</sup>	10 <sup>h</sup> 25 <sup>m</sup> 25 <sup>s</sup>	24 <sup>h</sup> 37 <sup>m</sup> 37 <sup>s</sup>	27 <sup>h</sup> 0 <sup>m</sup> 0 <sup>s</sup>	4 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	10 <sup>h</sup> 10 <sup>m</sup> 10 <sup>s</sup>	8 <sup>h</sup> 34 <sup>m</sup> 34 <sup>s</sup>	29 <sup>h</sup> 22 <sup>m</sup> 22 <sup>s</sup>	24 <sup>h</sup> 32 <sup>m</sup> 32 <sup>s</sup>	W19
T 20	11 49 42	29 <sup>h</sup> 6 <sup>m</sup> 55 <sup>s</sup>	5 <sup>h</sup> 4 <sup>m</sup> 4 <sup>s</sup>	5 <sup>h</sup> 13 <sup>m</sup> 13 <sup>s</sup>	16 <sup>h</sup> 53 <sup>m</sup> 53 <sup>s</sup>	2 <sup>h</sup> 59 <sup>m</sup> 59 <sup>s</sup>	14 <sup>h</sup> 56 <sup>m</sup> 56 <sup>s</sup>	10 <sup>h</sup> 29 <sup>m</sup> 29 <sup>s</sup>	24 <sup>h</sup> 40 <sup>m</sup> 40 <sup>s</sup>	27 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	4 <sup>h</sup> 1 <sup>m</sup> 1 <sup>s</sup>	10 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	8 <sup>h</sup> 30 <sup>m</sup> 30 <sup>s</sup>	29 <sup>h</sup> 28 <sup>m</sup> 28 <sup>s</sup>	24 <sup>h</sup> 31 <sup>m</sup> 31 <sup>s</sup>	T 20
F 21	11 53 39	0 <sup>h</sup> 7 <sup>m</sup> 53 <sup>s</sup>	16 <sup>h</sup> 57 <sup>m</sup> 57 <sup>s</sup>	6 <sup>h</sup> 38 <sup>m</sup> 38 <sup>s</sup>	17 <sup>h</sup> 33 <sup>m</sup> 33 <sup>s</sup>	3 <sup>h</sup> 44 <sup>m</sup> 44 <sup>s</sup>	14 <sup>h</sup> 52 <sup>m</sup> 52 <sup>s</sup>	10 <sup>h</sup> 33 <sup>m</sup> 33 <sup>s</sup>	24 <sup>h</sup> 44 <sup>m</sup> 44 <sup>s</sup>	27 <sup>h</sup> 4 <sup>m</sup> 4 <sup>s</sup>	4 <sup>h</sup> 1 <sup>m</sup> 1 <sup>s</sup>	9 <sup>h</sup> 52 <sup>m</sup> 52 <sup>s</sup>	8 <sup>h</sup> 27 <sup>m</sup> 27 <sup>s</sup>	29 <sup>h</sup> 35 <sup>m</sup> 35 <sup>s</sup>	24 <sup>h</sup> 30 <sup>m</sup> 30 <sup>s</sup>	F 21
S 22	11 57 36	1 <sup>h</sup> 6 <sup>m</sup> 49 <sup>s</sup>	28 <sup>h</sup> 52 <sup>m</sup> 52 <sup>s</sup>	8 <sup>h</sup> 4 <sup>m</sup> 4 <sup>s</sup>	18 <sup>h</sup> 13 <sup>m</sup> 13 <sup>s</sup>	4 <sup>h</sup> 28 <sup>m</sup> 28 <sup>s</sup>	14 <sup>h</sup> 48 <sup>m</sup> 48 <sup>s</sup>	10 <sup>h</sup> 37 <sup>m</sup> 37 <sup>s</sup>	24 <sup>h</sup> 47 <sup>m</sup> 47 <sup>s</sup>	27 <sup>h</sup> 6 <sup>m</sup> 6 <sup>s</sup>	4 <sup>h</sup> 0 <sup>m</sup> 0 <sup>s</sup>	9 <sup>h</sup> 42 <sup>m</sup> 42 <sup>s</sup>	8 <sup>h</sup> 24 <sup>m</sup> 24 <sup>s</sup>	29 <sup>h</sup> 42 <sup>m</sup> 42 <sup>s</sup>	24 <sup>h</sup> 30 <sup>m</sup> 30 <sup>s</sup>	S 22
S 23	12 1 32	2 <sup>h</sup> 6 <sup>m</sup> 43 <sup>s</sup>	10 <sup>h</sup> 53 <sup>m</sup> 53 <sup>s</sup>	9 <sup>h</sup> 32 <sup>m</sup> 32 <sup>s</sup>	18 <sup>h</sup> 55 <sup>m</sup> 55 <sup>s</sup>	5 <sup>h</sup> 13 <sup>m</sup> 13 <sup>s</sup>	14 <sup>h</sup> 45 <sup>m</sup> 45 <sup>s</sup>	10 <sup>h</sup> 42 <sup>m</sup> 42 <sup>s</sup>	24 <sup>h</sup> 51 <sup>m</sup> 51 <sup>s</sup>	27 <sup>h</sup> 9 <sup>m</sup> 9 <sup>s</sup>	3 <sup>h</sup> 59 <sup>m</sup> 59 <sup>s</sup>	9 <sup>h</sup> 32 <sup>m</sup> 32 <sup>s</sup>	8 <sup>h</sup> 21 <sup>m</sup> 21 <sup>s</sup>	29 <sup>h</sup> 48 <sup>m</sup> 48 <sup>s</sup>	24 <sup>h</sup> 29 <sup>m</sup> 29 <sup>s</sup>	S 23
M24	12 5 29	3 <sup>h</sup> 6 <sup>m</sup> 36 <sup>s</sup>	23 <sup>h</sup> 1 <sup>m</sup> 1 <sup>s</sup>	11 <sup>h</sup> 0 <sup>m</sup> 0 <sup>s</sup>	19 <sup>h</sup> 37 <sup>m</sup> 37 <sup>s</sup>	5 <sup>h</sup> 57 <sup>m</sup> 57 <sup>s</sup>	14 <sup>h</sup> 41 <sup>m</sup> 41 <sup>s</sup>	10 <sup>h</sup> 46 <sup>m</sup> 46 <sup>s</sup>	24 <sup>h</sup> 54 <sup>m</sup> 54 <sup>s</sup>	27 <sup>h</sup> 11 <sup>m</sup> 11 <sup>s</sup>	3 <sup>h</sup> 59 <sup>m</sup> 59 <sup>s</sup>	9 <sup>h</sup> 24 <sup>m</sup> 24 <sup>s</sup>	8 <sup>h</sup> 18 <sup>m</sup> 18 <sup>s</sup>	29 <sup>h</sup> 55 <sup>m</sup> 55 <sup>s</sup>	24 <sup>h</sup> 28 <sup>m</sup> 28 <sup>s</sup>	M24
T 25	12 9 25	4 <sup>h</sup> 6 <sup>m</sup> 27 <sup>s</sup>	5 <sup>h</sup> 18 <sup>m</sup> 18 <sup>s</sup>	12 <sup>h</sup> 31 <sup>m</sup> 31 <sup>s</sup>	20 <sup>h</sup> 21 <sup>m</sup> 21 <sup>s</sup>	6 <sup>h</sup> 42 <sup>m</sup> 42 <sup>s</sup>	14 <sup>h</sup> 38 <sup>m</sup> 38 <sup>s</sup>	10 <sup>h</sup> 50 <sup>m</sup> 50 <sup>s</sup>	24 <sup>h</sup> 58 <sup>m</sup> 58 <sup>s</sup>	27 <sup>h</sup> 13 <sup>m</sup> 13 <sup>s</sup>	3 <sup>h</sup> 58 <sup>m</sup> 58 <sup>s</sup>	9 <sup>h</sup> 18 <sup>m</sup> 18 <sup>s</sup>	8 <sup>h</sup> 14 <sup>m</sup> 14 <sup>s</sup>	0 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	24 <sup>h</sup> 28 <sup>m</sup> 28 <sup>s</sup>	T 25
W26	12 13 22	5 <sup>h</sup> 6 <sup>m</sup> 16 <sup>s</sup>	17 <sup>h</sup> 49 <sup>m</sup> 49 <sup>s</sup>	14 <sup>h</sup> 2 <sup>m</sup> 2 <sup>s</sup>	21 <sup>h</sup> 5 <sup>m</sup> 5 <sup>s</sup>	7 <sup>h</sup> 26 <sup>m</sup> 26 <sup>s</sup>	14 <sup>h</sup> 35 <sup>m</sup> 35 <sup>s</sup>	10 <sup>h</sup> 55 <sup>m</sup> 55 <sup>s</sup>	25 <sup>h</sup> 1 <sup>m</sup> 1 <sup>s</sup>	27 <sup>h</sup> 15 <sup>m</sup> 15 <sup>s</sup>	3 <sup>h</sup> 58 <sup>m</sup> 58 <sup>s</sup>	9 <sup>h</sup> 14 <sup>m</sup> 14 <sup>s</sup>	8 <sup>h</sup> 11 <sup>m</sup> 11 <sup>s</sup>	0 <sup>h</sup> 9 <sup>m</sup> 9 <sup>s</sup>	24 <sup>h</sup> 28 <sup>m</sup> 28 <sup>s</sup>	W26
T 27	12 17 18	6 <sup>h</sup> 6 <sup>m</sup> 04 <sup>s</sup>	0 <sup>h</sup> 36 <sup>m</sup> 36 <sup>s</sup>	15 <sup>h</sup> 35 <sup>m</sup> 35 <sup>s</sup>	21 <sup>h</sup> 51 <sup>m</sup> 51 <sup>s</sup>	8 <sup>h</sup> 10 <sup>m</sup> 10 <sup>s</sup>	14 <sup>h</sup> 32 <sup>m</sup> 32 <sup>s</sup>	11 <sup>h</sup> 0 <sup>m</sup> 0 <sup>s</sup>	25 <sup>h</sup> 4 <sup>m</sup> 4 <sup>s</sup>	27 <sup>h</sup> 18 <sup>m</sup> 18 <sup>s</sup>	3 <sup>h</sup> 57 <sup>m</sup> 57 <sup>s</sup>	9 <sup>h</sup> 12 <sup>m</sup> 12 <sup>s</sup>	8 <sup>h</sup> 8 <sup>m</sup> 8 <sup>s</sup>	0 <sup>h</sup> 15 <sup>m</sup> 15 <sup>s</sup>	24 <sup>h</sup> 27 <sup>m</sup> 27 <sup>s</sup>	T 27
F 28	12 21 15	7 <sup>h</sup> 5 <sup>m</sup> 50 <sup>s</sup>	13 <sup>h</sup> 43 <sup>m</sup> 43 <sup>s</sup>	17 <sup>h</sup> 9 <sup>m</sup> 9 <sup>s</sup>	22 <sup>h</sup> 37 <sup>m</sup> 37 <sup>s</sup>	8 <sup>h</sup> 54 <sup>m</sup> 54 <sup>s</sup>	14 <sup>h</sup> 30 <sup>m</sup> 30 <sup>s</sup>	11 <sup>h</sup> 4 <sup>m</sup> 4 <sup>s</sup>	25 <sup>h</sup> 8 <sup>m</sup> 8 <sup>s</sup>	27 <sup>h</sup> 20 <sup>m</sup> 20 <sup>s</sup>	3 <sup>h</sup> 57 <sup>m</sup> 57 <sup>s</sup>	9 <sup>h</sup> 12 <sup>m</sup> 12 <sup>s</sup>	8 <sup>h</sup> 5 <sup>m</sup> 5 <sup>s</sup>	0 <sup>h</sup> 22 <sup>m</sup> 22 <sup>s</sup>	24 <sup>h</sup> 27 <sup>m</sup> 27 <sup>s</sup>	F 28
S 29	12 25 11	8 <sup>h</sup> 5 <sup>m</sup> 34 <sup>s</sup>	27 <sup>h</sup> 14 <sup>m</sup> 14													

## ASTRODIENST EPHEMERIS for the year 2679

APRIL 2679

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 37 1	11°Y 4'37	10°K 22	23°K 37	25°K 51	11°B 51	14°R 21	11°II 24	25°K 21	27°K 29	3°R 55	9°R 9	7°K 52	0°K 49	24°B 28	T 1
W 2	12 40 58	12° 4'15	25°29	25°18	26°42	12°34	14°Q 20	11°29	25°25	27°31	3°Q 55	9°K 3	7°49	0°55	24°28	W 2
T 3	12 44 54	13° 3'50	10°Y 46	26°59	27°33	13°18	14°18	11°34	25°28	27°33	3°54	8°55	7°46	1° 2	24°28	T 3
F 4	12 48 51	14° 3'24	26° 2	28°42	28°25	14° 2	14°17	11°39	25°31	27°36	3°54	8°45	7°43	1° 9	24°29	F 4
S 5	12 52 47	15° 2'55	11°B 6	0°Y 26	29°17	14°46	14°16	11°45	25°34	27°38	3°54	8°35	7°39	1°15	24°30	S 5
S 6	12 56 44	16° 2'25	25°48	2°11	0°K 10	15°30	14°15	11°50	25°38	27°40	3°53	8°26	7°36	1°22	24°30	S 6
M 7	13 0 40	17° 1'52	10°II 4	3°58	1° 4	16°14	14°14	11°56	25°41	27°42	3°53	8°19	7°33	1°29	24°31	M 7
T 8	13 4 37	18° 1'17	23°49	5°46	1°58	16°57	14°14	12° 1	25°44	27°44	3°53	8°14	7°30	1°36	24°32	T 8
W 9	13 8 33	19° 0'40	7°B 4	7°36	2°53	17°41	14°14	12° 7	25°47	27°47	3°53	8°11	7°27	1°42	24°33	W 9
T 10	13 12 30	20° 0'01	19°54	9°26	3°49	18°25	14°D 13	12°12	25°51	27°49	3°52	8°D 11	7°24	1°49	24°34	T 10
F 11	13 16 27	20°59'19	2°Q 21	11°19	4°44	19° 8	14°14	12°18	25°54	27°51	3°52	8°R 11	7°20	1°56	24°35	F 11
S 12	13 20 23	21°58'35	14°32	13°12	5°41	19°52	14°14	12°24	25°57	27°53	3°52	8°11	7°17	2° 2	24°36	S 12
S 13	13 24 20	22°57'48	26°31	15° 7	6°38	20°35	14°14	12°30	26° 0	27°55	3°52	8°10	7°14	2° 9	24°38	S 13
M 14	13 28 16	23°56'59	8°II 23	17° 3	7°35	21°19	14°15	12°36	26° 3	27°57	3°52	8° 6	7°11	2°16	24°39	M 14
T 15	13 32 13	24°56'09	20°12	19° 0	8°33	22° 2	14°16	12°42	26° 6	27°59	3°52	7°59	7° 8	2°22	24°40	T 15
W 16	13 36 9	25°55'15	2°K 2	20°59	9°31	22°45	14°17	12°48	26°10	28° 1	3°52	7°50	7° 5	2°29	24°42	W 16
T 17	13 40 6	26°54'20	13°54	22°59	10°29	23°28	14°18	12°54	26°13	28° 3	3°D 52	7°38	7° 1	2°36	24°44	T 17
F 18	13 44 2	27°53'23	25°51	25° 1	11°28	24°12	14°19	13° 0	26°16	28° 5	3°52	7°25	6°58	2°43	24°45	F 18
S 19	13 47 59	28°52'24	7°II 55	27° 3	12°28	24°55	14°21	13° 7	26°19	28° 7	3°52	7°11	6°55	2°49	24°47	S 19
S 20	13 51 56	29°51'23	20° 5	29° 6	13°27	25°38	14°23	13°13	26°22	28° 9	3°52	6°57	6°52	2°56	24°49	S 20
M 21	13 55 52	0°B 50'20	2°K 23	1°B 11	14°28	26°21	14°25	13°19	26°25	28°11	3°52	6°45	6°49	3° 3	24°51	M 21
T 22	13 59 49	1°49'15	14°51	3°16	15°28	27° 4	14°27	13°26	26°28	28°13	3°52	6°36	6°45	3° 9	24°53	T 22
W 23	14 3 45	2°48'08	27°29	5°21	16°29	27°47	14°29	13°32	26°31	28°15	3°52	6°30	6°42	3°16	24°56	W 23
T 24	14 7 42	3°47'00	10°B 21	7°28	17°30	28°30	14°32	13°39	26°34	28°17	3°53	6°26	6°39	3°23	24°58	T 24
F 25	14 11 38	4°45'50	23°29	9°34	18°31	29°13	14°35	13°45	26°36	28°19	3°53	6°25	6°36	3°29	25° 0	F 25
S 26	14 15 35	5°44'39	6°K 55	11°40	19°33	29°56	14°37	13°52	26°39	28°21	3°53	6°24	6°33	3°36	25° 3	S 26
S 27	14 19 31	6°43'25	20°42	13°46	20°35	0°II 38	14°40	13°59	26°42	28°23	3°53	6°24	6°30	3°43	25° 5	S 27
M 28	14 23 28	7°42'10	4°K 52	15°52	21°38	1°21	14°44	14° 5	26°45	28°25	3°54	6°23	6°26	3°50	25° 8	M 28
T 29	14 27 25	8°40'53	17°52	17°56	22°40	2° 4	14°47	14°12	26°48	28°27	3°54	6°19	6°23	3°56	25°10	T 29
W 30	14 31 21	9°B 39'35	4°Y 12	19°B 59	23°K 43	2°II 47	14°Q 51	14°II 19	26°K 50	28°K 29	3°Q 54	6°K 12	6°K 20	4°K 3	25°B 13	W 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	4n22	5s13	2n38	4s39	2s19	10s14	2n47	15n29	0n 9	17n16	0n50	20n29	1s36	2s31	0s44	1s56
W 2	4 45	1n35	3 40	4 0	2 19	10 5	2 39	15 43	0 10	17 17	0 50	20 30	1 35	2 30	0 44	1 55
T 3	5 8	8 21	4 28	3 19	2 18	9 55	2 31	15 57	0 11	17 17	0 50	20 31	1 35	2 29	0 44	1 54
F 4	5 31	14 36	4 56	2 37	2 17	9 45	2 23	16 10	0 11	17 17	0 50	20 32	1 35	2 27	0 44	1 53
S 5	5 54	19 54	5 3	1 54	2 16	9 34	2 15	16 24	0 12	17 18	0 50	20 33	1 35	2 26	0 44	1 52
S 6	6 17	23 49	4 49	1 11	2 14	9 23	2 8	16 37	0 13	17 18	0 50	20 34	1 35	2 25	0 44	1 51
M 7	6 40	26 8	4 18	0 26	2 11	9 11	2 0	16 51	0 13	17 18	0 50	20 35	1 34	2 23	0 44	1 50
T 8	7 3	26 45	3 33	0n20	2 8	8 59	1 53	17 4	0 14	17 18	0 50	20 36	1 34	2 22	0 44	1 50
W 9	7 25	25 47	2 37	1 6	2 4	8 46	1 45	17 17	0 15	17 18	0 50	20 37	1 34	2 21	0 44	1 49
T 10	7 48	23 28	1 36	1 53	2 0	8 33	1 38	17 29	0 15	17 18	0 50	20 37	1 34	2 20	0 44	1 48
F 11	8 10	20 4	0 31	2 41	1 56	8 20	1 31	17 42	0 16	17 18	0 50	20 38	1 34	2 18	0 44	1 47
S 12	8 32	15 53	0s34	3 30	1 51	8 6	1 24	17 54	0 17	17 18	0 50	20 39	1 33	2 17	0 44	1 46
S 13	8 54	11 8	1 36	4 19	1 45	7 52	1 17	18 7	0 17	17 18	0 50	20 40	1 33	2 16	0 45	1 45
M 14	9 16	6 2	2 33	5 9	1 39	7 37	1 10	18 19	0 18	17 17	0 50	20 41	1 33	2 15	0 45	1 45
T 15	9 37	0 45	3 23	5 59	1 32	7 22	1 3	18 31	0 19	17 17	0 50	20 42	1 33	2 13	0 45	1 44
W 16	9 59	4s32	4 4	6 50	1 25	7 6	0 56	18 42	0 19	17 17	0 50	20 43	1 33	2 12	0 45	1 43
T 17	10 20	9 41	4 35	7 42	1 18	6 50	0 50	18 54	0 20	17 16	0 50	20 44	1 33	2 11	0 45	1 42
F 18	10 41	14 31	4 54	8 34	1 10	6 34	0 43	19 5	0 20	17 16	0 50	20 45	1 32	2 10	0 45	1 41
S 19	11 2	18 49	5 0	9 26	1 1	6 17	0 37	19 16	0 21	17 15	0 49	20 46	1 32	2 9	0 45	1 41
S 20	11 23	22 23	4 52	10 18	0 53	6 0	0 31	19 27	0 22	17 15	0 49	20 47	1 32	2 7	0 45	1 40
M 21	11 43	24 59	4 31	11 10	0 43	5 43	0 25	19 38	0 22	17 14	0 49	20 48	1 32	2 6	0 45	1 39
T 22	12 4	26 25	3 56	12 2	0 33	5 25	0 19	19 48	0 23	17 13	0 49	20 49	1 32	2 5	0 45	1 38
W 23	12 24	26 30	3 10	12 54	0 23	5 7	0 13	19 59	0 23	17 13	0 49	20 50	1 31	2 4	0 45	1 38
T 24	12 44	25 10	2 13	13 45	0 13	4 49	0 7	20 9	0 24	17 12	0 49	20 51	1 31	2 3	0 45	1 37
F 25	13 4	22 26	1 8	14 35	0 3	4 30	0 2	20 19	0 25	17 11	0 49	20 52	1 31	2 2	0 45	1 36
S 26	13 23	18 26	0n 3	15 25	0n 8	4 11	0s 4	20 28	0 25	17 10	0 49	20 53	1 31	2 1	0 45	1 35
S 27	13 43	13 21	1 15	16 13	0 19	3 51	0 9	20 38	0 26	17 9	0 49	20 54	1 31	1 59	0 45	1 35
M 28	14 2	7 27	2 24	17 0	0 30	3 32	0 14	20 47	0 26	17 8	0 49	20 54	1 31	1 58	0 45	1 34
T 29	14 21	1 2	3 26	17 46	0 41	3 12	0 20	20 56	0 27	17 7	0 49	20 55	1 31	1 57	0 45	1 33
W 30	14n39	5n34	4n15	18n30	0n52	2s52	0s25	21n 5	0n28	17n 6	0n49	20n56	1s30	1s56	0s45	1s33

Julian Day Number = 2699634.5, Delta T = 25m41s

Ecliptic obliquity = 23°21'10", Nutation = 0°00'13"

Ayanamsha: Fagan/Bradley = 34°14'33", Lahiri = 33°21'33"

## ASTRODIENST EPHEMERIS for the year 2679

MAY 2679

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 35 18	10♂38'15	19♀14	22♂1	24♂46	3♂29	14♂54	14♂26	26♂53	28♂31	3♂54	6°R 3	6♂17	4♂10	25♂16	T 1
F 2	14 39 14	11°36'53	4♂18	24° 0	25°50	4°12	14°58	14°33	26°56	28°32	3°55	5♂52	6°14	4°16	25°19	F 2
S 3	14 43 11	12°35'30	19°15	25°57	26°53	4°54	15° 2	14°40	26°59	28°34	3°55	5°41	6°11	4°23	25°22	S 3
S 4	14 47 7	13°34'04	3♂56	27°52	27°57	5°37	15° 7	14°47	27° 1	28°36	3°56	5°30	6° 7	4°30	25°25	S 4
M 5	14 51 4	14°32'37	18°14	29°44	29° 1	6°19	15°11	14°54	27° 4	28°38	3°56	5°21	6° 4	4°36	25°28	M 5
T 6	14 55 0	15°31'07	2♂3	1♂33	0♀6	7° 2	15°16	15° 1	27° 6	28°39	3°57	5°15	6° 1	4°43	25°32	T 6
W 7	14 58 57	16°29'36	15°24	3°18	1°10	7°44	15°20	15° 8	27° 9	28°41	3°57	5°12	5°58	4°50	25°35	W 7
T 8	15 2 54	17°28'02	28°18	5° 0	2°15	8°26	15°25	15°15	27°11	28°43	3°58	5°11	5°55	4°57	25°38	T 8
F 9	15 6 50	18°26'26	10♂49	6°38	3°20	9° 8	15°30	15°22	27°14	28°44	3°58	5°D11	5°51	5° 3	25°42	F 9
S 10	15 10 47	19°24'48	23° 2	8°13	4°25	9°51	15°36	15°29	27°16	28°46	3°59	5°R11	5°48	5°10	25°45	S 10
S 11	15 14 43	20°23'08	5♂2	9°43	5°30	10°33	15°41	15°37	27°19	28°47	3°59	5°10	5°45	5°17	25°49	S 11
M12	15 18 40	21°21'26	16°55	11° 9	6°35	11°15	15°46	15°44	27°21	28°49	4° 0	5° 7	5°42	5°23	25°53	M12
T 13	15 22 36	22°19'42	28°44	12°31	7°41	11°57	15°52	15°51	27°23	28°51	4° 1	5° 2	5°39	5°30	25°56	T 13
W14	15 26 33	23°17'57	10♂35	13°49	8°47	12°39	15°58	15°59	27°25	28°52	4° 1	4°54	5°36	5°37	26° 0	W14
T 15	15 30 29	24°16'09	22°31	15° 2	9°53	13°21	16° 4	16° 6	27°28	28°54	4° 2	4°44	5°32	5°43	26° 4	T 15
F 16	15 34 26	25°14'19	4♂35	16°11	10°59	14° 3	16°10	16°13	27°30	28°55	4° 3	4°32	5°29	5°50	26° 8	F 16
S 17	15 38 23	26°12'28	16°47	17°15	12° 5	14°45	16°16	16°21	27°32	28°56	4° 3	4°19	5°26	5°57	26°12	S 17
S 18	15 42 19	27°10'35	29°10	18°14	13°12	15°27	16°23	16°28	27°34	28°58	4° 4	4° 7	5°23	6° 4	26°16	S 18
M19	15 46 16	28° 8'40	11♂43	19° 9	14°18	16° 8	16°29	16°36	27°36	28°59	4° 5	3°57	5°20	6°10	26°20	M19
T 20	15 50 12	29° 6'44	24°27	19°59	15°25	16°50	16°36	16°43	27°38	29° 1	4° 6	3°49	5°17	6°17	26°24	T 20
W21	15 54 9	0♂46	7♂22	20°44	16°32	17°32	16°43	16°51	27°40	29° 2	4° 6	3°43	5°13	6°24	26°29	W21
T 22	15 58 5	1° 2'47	20°29	21°25	17°39	18°13	16°50	16°58	27°42	29° 3	4° 7	3°41	5°10	6°30	26°33	T 22
F 23	16 2 2	2° 0'47	3♂48	22° 0	18°46	18°55	16°57	17° 6	27°44	29° 5	4° 8	3°D40	5° 7	6°37	26°38	F 23
S 24	16 5 58	2°58'45	17°21	22°30	19°53	19°37	17° 4	17°14	27°46	29° 6	4° 9	3°40	5° 4	6°44	26°42	S 24
S 25	16 9 55	3°56'42	1♂8	22°56	21° 0	20°18	17°12	17°21	27°48	29° 7	4°10	3°R41	5° 1	6°51	26°47	S 25
M26	16 13 52	4°54'38	15°11	23°16	22° 8	21° 0	17°19	17°29	27°50	29° 8	4°11	3°40	4°57	6°57	26°51	M26
T 27	16 17 48	5°52'32	29°28	23°32	23°15	21°41	17°27	17°36	27°52	29° 9	4°12	3°38	4°54	7° 4	26°56	T 27
W28	16 21 45	6°50'26	13♀58	23°42	24°23	22°22	17°34	17°44	27°53	29°11	4°13	3°34	4°51	7°11	27° 1	W28
T 29	16 25 41	7°48'18	28°36	23°48	25°31	23° 4	17°42	17°52	27°55	29°12	4°14	3°27	4°48	7°17	27° 5	T 29
F 30	16 29 38	8°46'09	13♂16	23°R49	26°39	23°45	17°50	18° 0	27°57	29°13	4°15	3°19	4°45	7°24	27°10	F 30
S 31	16 33 34	9♂43'59	27♂52	23♂45	27♀47	24♂26	17♂58	18♂7	27♂58	29♂14	4♂16	3♂11	4♂42	7♂31	27♂15	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	14n58	11n56	4n48	19n12	1n 2	2s31	0s30	21n14	0n28	17n 5	0n49	20n57	1s30	1s55	0s45	1s32
F 2	15 16	17 37	5 0	19 53	1 13	2 11	0 34	21 23	0 29	17 4	0 49	20 58	1 30	1 54	0 45	1 31
S 3	15 34	22 9	4 52	20 31	1 23	1 50	0 39	21 31	0 29	17 2	0 49	20 59	1 30	1 53	0 45	1 31
S 4	15 51	25 11	4 25	21 7	1 32	1 29	0 44	21 39	0 30	17 1	0 49	21 0	1 30	1 52	0 45	1 30
M 5	16 9	26 30	3 41	21 40	1 41	1 7	0 48	21 47	0 30	17 0	0 48	21 1	1 30	1 51	0 45	1 29
T 6	16 26	26 6	2 46	22 11	1 50	0 46	0 52	21 55	0 31	16 58	0 48	21 2	1 29	1 50	0 45	1 29
W 7	16 42	24 10	1 43	22 40	1 58	0 24	0 57	22 2	0 31	16 57	0 48	21 3	1 29	1 49	0 45	1 28
T 8	16 59	21 1	0 36	23 6	2 5	0 2	1 1	22 10	0 32	16 55	0 48	21 4	1 29	1 48	0 45	1 27
F 9	17 15	16 59	0s30	23 30	2 12	0n20	1 5	22 17	0 33	16 54	0 48	21 5	1 29	1 47	0 45	1 27
S 10	17 31	12 19	1 33	23 51	2 17	0 42	1 8	22 23	0 33	16 52	0 48	21 6	1 29	1 46	0 45	1 26
S 11	17 47	7 17	2 31	24 10	2 22	1 4	1 12	22 30	0 34	16 51	0 48	21 6	1 29	1 45	0 45	1 25
M12	18 2	2 3	3 22	24 27	2 26	1 27	1 16	22 37	0 34	16 49	0 48	21 7	1 29	1 44	0 45	1 25
T 13	18 17	3s14	4 4	24 41	2 29	1 50	1 19	22 43	0 35	16 47	0 48	21 8	1 29	1 44	0 45	1 24
W14	18 32	8 24	4 35	24 53	2 31	2 12	1 22	22 49	0 35	16 45	0 48	21 9	1 28	1 43	0 45	1 24
T 15	18 46	13 18	4 55	25 3	2 33	2 35	1 26	22 55	0 36	16 43	0 48	21 10	1 28	1 42	0 45	1 23
F 16	19 0	17 44	5 2	25 10	2 33	2 58	1 29	23 0	0 36	16 42	0 48	21 11	1 28	1 41	0 45	1 23
S 17	19 14	21 30	4 55	25 16	2 32	3 21	1 32	23 5	0 37	16 40	0 48	21 12	1 28	1 40	0 45	1 22
S 18	19 27	24 21	4 34	25 20	2 30	3 44	1 35	23 11	0 37	16 38	0 48	21 13	1 28	1 39	0 45	1 22
M19	19 40	26 4	3 59	25 22	2 28	4 7	1 37	23 15	0 38	16 36	0 48	21 13	1 28	1 39	0 45	1 21
T 20	19 53	26 27	3 13	25 22	2 24	4 30	1 40	23 20	0 38	16 34	0 48	21 14	1 28	1 38	0 45	1 21
W21	20 6	25 24	2 15	25 20	2 19	4 54	1 43	23 25	0 39	16 32	0 48	21 15	1 28	1 37	0 45	1 20
T 22	20 18	22 57	1 10	25 17	2 13	5 17	1 45	23 29	0 39	16 29	0 47	21 16	1 28	1 36	0 45	1 20
F 23	20 29	19 13	0n 1	25 12	2 6	5 40	1 47	23 33	0 40	16 27	0 47	21 17	1 27	1 36	0 45	1 19
S 24	20 41	14 26	1 12	25 6	1 58	6 3	1 49	23 37	0 40	16 25	0 47	21 18	1 27	1 35	0 46	1 19
S 25	20 52	8 50	2 21	24 58	1 49	6 27	1 52	23 40	0 41	16 23	0 47	21 18	1 27	1 34	0 46	1 18
M26	21 2	2 42	3 23	24 49	1 39	6 50	1 53	23 44	0 41	16 20	0 47	21 19	1 27	1 33	0 46	1 18
T 27	21 13	3n40	4 13	24 39	1 27	7 13	1 55	23 47	0 41	16 18	0 47	21 20	1 27	1 33	0 46	1 17
W28	21 22	9 54	4 48	24 27	1 15	7 36	1 57	23 50	0 42	16 16	0 47	21 21	1 27	1 32	0 46	1 17
T 29	21 32	15 40	5 4	24 15	1 2	7 59	1 59	23 53	0 42	16 13	0 47	21 22	1 27	1 31	0 46	1 16
F 30	21 41	20 32	5 1	24 1	0 48	8 22	2 0	23 55	0 43	16 11	0 47	21 22	1 27	1 31	0 46	1 16
S 31	21n50	24n 7	4n38	23n46	0n33	8n45	2s 1	23n57	0n43	16n 8	0n47	21n23	1s27	1s30	0s46	1s16

Julian Day Number = 2699664.5, Delta T = 25m42s

Ecliptic obliquity = 23°21'10, Nutation = 0°00'12

Ayanamsha: Fagan/Bradley = 34°14'37, Lahiri = 33°21'37

## ASTRODIENST EPHEMERIS for the year 2679

JUNE 2679

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 37 31	10 <sup>11</sup> 41'48	12 <sup>11</sup> 16	23°R36	28 <sup>Y</sup> 55	25 <sup>II</sup> 8	18 <sup>Ω</sup> 7	18 <sup>II</sup> 15	28 <sup>✕</sup> 0	29 <sup>✕</sup> 15	4 <sup>Ω</sup> 17	3°R 3	4 <sup>≈</sup> 38	7 <sup>Ω</sup> 38	27 <sup>Ω</sup> 20	S 1
M 2	16 41 28	11°39'35	26°21	23 <sup>II</sup> 24	0 <sup>Ω</sup> 3	25°49	18°15	18°23	28° 1	29°16	4°18	2 <sup>≈</sup> 56	4°35	7°44	27°25	M 2
T 3	16 45 24	12°37'21	10 <sup>Ω</sup> 3	23° 7	1°12	26°30	18°24	18°30	28° 3	29°17	4°19	2°52	4°32	7°51	27°30	T 3
W 4	16 49 21	13°35'05	23°22	22°46	2°20	27°11	18°32	18°38	28° 4	29°18	4°20	2°50	4°29	7°58	27°35	W 4
T 5	16 53 17	14°32'48	6 <sup>Ω</sup> 16	22°22	3°29	27°52	18°41	18°46	28° 5	29°19	4°21	2°D49	4°26	8° 4	27°40	T 5
F 6	16 57 14	15°30'30	18°50	21°56	4°37	28°33	18°50	18°54	28° 7	29°19	4°22	2°50	4°23	8°11	27°45	F 6
S 7	17 1 10	16°28'10	1 <sup>Ω</sup> 5	21°26	5°46	29°14	18°59	19° 1	28° 8	29°20	4°23	2°52	4°19	8°18	27°51	S 7
S 8	17 5 7	17°25'48	13° 8	20°55	6°55	29°55	19° 8	19° 9	28° 9	29°21	4°25	2°R53	4°16	8°24	27°56	S 8
M 9	17 9 3	18°23'25	25° 2	20°22	8° 4	0 <sup>Ω</sup> 36	19°17	19°17	28°10	29°22	4°26	2°52	4°13	8°31	28° 1	M 9
T 10	17 13 0	19°21'01	6 <sup>Ω</sup> 54	19°49	9°13	1°17	19°26	19°25	28°12	29°23	4°27	2°51	4°10	8°38	28° 7	T 10
W 11	17 16 57	20°18'35	18°47	19°15	10°22	1°57	19°35	19°32	28°13	29°23	4°28	2°47	4° 7	8°45	28°12	W 11
T 12	17 20 53	21°16'08	0 <sup>Ω</sup> 47	18°42	11°31	2°38	19°45	19°40	28°14	29°24	4°29	2°42	4° 3	8°51	28°18	T 12
F 13	17 24 50	22°13'40	12°56	18° 9	12°40	3°19	19°54	19°48	28°15	29°25	4°31	2°36	4° 0	8°58	28°23	F 13
S 14	17 28 46	23°11'11	25°17	17°38	13°49	4° 0	20° 4	19°56	28°16	29°25	4°32	2°29	3°57	9° 5	28°29	S 14
S 15	17 32 43	24° 8'40	7 <sup>Ω</sup> 51	17° 9	14°58	4°40	20°14	20° 3	28°17	29°26	4°33	2°22	3°54	9°11	28°34	S 15
M 16	17 36 39	25° 6'09	20°40	16°42	16° 8	5°21	20°24	20°11	28°17	29°26	4°34	2°16	3°51	9°18	28°40	M 16
T 17	17 40 36	26° 3'36	3 <sup>Ω</sup> 44	16°19	17°17	6° 1	20°34	20°19	28°18	29°27	4°36	2°12	3°48	9°25	28°46	T 17
W 18	17 44 32	27° 1'03	1 <sup>Ω</sup> 1	15°58	18°27	6°42	20°44	20°27	28°19	29°27	4°37	2° 9	3°44	9°32	28°51	W 18
T 19	17 48 29	27°58'29	0 <sup>Ω</sup> 30	15°42	19°36	7°23	20°54	20°34	28°20	29°28	4°38	2°D 8	3°41	9°38	28°57	T 19
F 20	17 52 26	28°55'54	14°10	15°29	20°46	8° 3	21° 4	20°42	28°20	29°28	4°40	2° 9	3°38	9°45	29° 3	F 20
S 21	17 56 22	29°53'18	28° 1	15°20	21°56	8°43	21°14	20°50	28°21	29°29	4°41	2°10	3°35	9°52	29° 9	S 21
S 22	18 0 19	0 <sup>Ω</sup> 50'42	12 <sup>✕</sup> 0	15°15	23° 6	9°24	21°25	20°57	28°22	29°29	4°43	2°11	3°32	9°58	29°15	S 22
M 23	18 4 15	1°48'05	26° 6	15°D15	24°15	10° 4	21°35	21° 5	28°22	29°29	4°44	2°R12	3°29	10° 5	29°21	M 23
T 24	18 8 12	2°45'28	10°Y19	15°19	25°25	10°44	21°46	21°13	28°23	29°30	4°45	2°12	3°25	10°12	29°27	T 24
W 25	18 12 8	3°42'51	24°35	15°28	26°35	11°25	21°56	21°20	28°23	29°30	4°47	2°11	3°22	10°19	29°32	W 25
T 26	18 16 5	4°40'13	8 <sup>Ω</sup> 52	15°42	27°46	12° 5	22° 7	21°28	28°23	29°30	4°48	2° 8	3°19	10°25	29°38	T 26
F 27	18 20 1	5°37'35	23° 7	16° 0	28°56	12°45	22°18	21°36	28°24	29°30	4°50	2° 5	3°16	10°32	29°45	F 27
S 28	18 23 58	6°34'57	7 <sup>II</sup> 15	16°23	0 <sup>II</sup> 6	13°25	22°29	21°43	28°24	29°30	4°51	2° 1	3°13	10°39	29°51	S 28
S 29	18 27 55	7°32'18	21°12	16°50	1°16	14° 5	22°40	21°51	28°24	29°31	4°53	1°58	3° 9	10°45	29°57	S 29
M 30	18 31 51	8 <sup>Ω</sup> 29'38	4 <sup>Ω</sup> 54	17 <sup>II</sup> 21	2 <sup>II</sup> 26	14 <sup>Ω</sup> 46	22 <sup>Ω</sup> 51	21 <sup>II</sup> 58	28 <sup>✕</sup> 24	29 <sup>✕</sup> 31	4 <sup>Ω</sup> 54	1 <sup>≈</sup> 55	3 <sup>≈</sup> 6	10 <sup>Ω</sup> 52	0 <sup>Ω</sup> 3	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
S 1	21n58	26n 6	3n57	23n30	0n18	9n 8	2s 3	23n59	0n44	16n 5	0n47	21n24	1s27	1s30	0s46	S 1
M 2	22 6 26	21 3	3 23	13 0	2 9	31 2	4 24	1 0	44 16	3 0	47 21	25 1	26 1	29 0	46 1	M 2
T 3	22 14 24	57 1	59 22	55 0	s15 9	54 2	5 24	3 0	45 16	0 0	47 21	25 1	26 1	29 0	46 1	T 3
W 4	22 21 22	10 0	51 22	37 0	32 10	16 2	6 24	4 0	45 15	58 0	47 21	26 1	26 1	28 0	46 1	W 4
T 5	22 28 18	20 0	s19 22	18 0	50 10	38 2	7 24	6 0	45 15	55 0	47 21	27 1	26 1	28 0	46 1	T 5
F 6	22 34 13	46 1	25 21	59 1	8 11	1 2	7 24	7 0	46 15	52 0	47 21	28 1	26 1	27 0	46 1	F 6
S 7	22 40 8	46 2	27 21	40 1	25 11	23 2	8 24	7 0	46 15	49 0	47 21	28 1	26 1	27 0	46 1	S 7
S 8	22 46 3	31 3	20 21	20 1	43 11	45 2	9 24	8 0	47 15	46 0	47 21	29 1	26 1	26 0	46 1	S 8
M 9	22 51 1s47	4 5	21 1	2 0	12 6	2 9	24 8	8 0	47 15	43 0	47 21	30 1	26 1	26 0	46 1	M 9
T 10	22 56 6	59 4	38 20	42 2	17 12	28 2	9 24	8 0	47 15	41 0	47 21	30 1	26 1	25 0	46 1	T 10
W 11	23 0 11	58 5	0 20	23 2	33 12	49 2	10 24	8 0	48 15	38 0	47 21	31 1	26 1	25 0	46 1	W 11
T 12	23 4 16	31 5	9 20	5 2	48 13	10 2	10 24	8 0	48 15	35 0	47 21	32 1	26 1	25 0	46 1	T 12
F 13	23 8 20	29 5	4 19	48 3	2 13	31 2	10 24	7 0	49 15	32 0	46 21	32 1	26 1	24 0	46 1	F 13
S 14	23 11 23	38 4	45 19	32 3	16 13	52 2	10 24	7 0	49 15	28 0	46 21	33 1	26 1	24 0	46 1	S 14
S 15	23 13 25	41 4	12 19	17 3	28 14	12 2	10 24	6 0	49 15	25 0	46 21	34 1	26 1	23 0	46 1	S 15
M 16	23 16 26	27 3	26 19	4 3	39 14	32 2	9 24	4 0	50 15	22 0	46 21	34 1	26 1	23 0	46 1	M 16
T 17	23 18 25	46 2	28 18	52 3	49 14	52 2	9 24	3 0	50 15	19 0	46 21	35 1	25 1	23 0	46 1	T 17
W 18	23 19 23	37 1	22 18	41 3	57 15	12 2	8 24	2 0	51 15	16 0	46 21	35 1	25 1	23 0	46 1	W 18
T 19	23 20 20	7 0	9 18	32 4	4 15	31 2	8 24	0 0	51 15	13 0	46 21	36 1	25 1	22 0	46 1	T 19
F 20	23 21 15	29 9	1n 5	18 25	4 10	15 50	2 7	23 58	0 51	15 9	0 46	21 37	1 25	1 22	0 46	F 20
S 21	23 21 9	59 2	17 18	20 4	15 16	9 2	7 23	56 0	52 15	6 0	46 21	37 1	25 1	1 22	0 47	S 21
S 22	23 21 3	57 3	21 18	16 4	18 16	27 2	6 23	53 0	52 15	3 0	46 21	38 1	25 1	1 22	0 47	S 22
M 23	23 20 2n20	4 13	18 14	4 20	16 45	2 5	23 51	0 52	14 59	0 46	21 38	1 25	1 22	0 47	1 10	M 23
T 24	23 19 8	31 4	50 18	14 4	21 17	2 2	4 23	48 0	53 14	56 0	46 21	39 1	25 1	1 21	0 47	T 24
W 25	23 18 14	18 5	10 18	15 4	20 17	20 2	3 23	45 0	53 14	52 0	46 21	39 1	25 1	1 21	0 47	W 25
T 26	23 16 19	18 5	11 18	18 4	19 17	37 2	2 23	42 0	53 14	49 0	46 21	40 1	25 1	1 21	0 47	T 26
F 27	23 14 23	12 4	52 18	22 4	16 17	53 2	1 23	38 0	54 14	45 0	46 21	40 1	25 1	1 21	0 47	F 27
S 28	23 11 25	39 4	16 18	28 4	13 18	9 1	59 23	35 0	54 14	42 0	46 21	41 1	25 1	1 21	0 47	S 28
S 29	23 8 26	28 3	25 18	35 4	8 18	25 1	58 23	31 0	54 14	38 0	46 21	41 1	25 1	1 21	0 47	S 29
M 30	23n 5	25n38	2n23	18n44	4s 3	18n40	1s57	23n27	0n55	14n35	0n46	21n42	1s25	1s21	0s47	M 30

Julian Day Number = 2699695.5, Delta T = 25m42s

Ecliptic obliquity = 23°21'09, Nutation = 0°00'13

Ayanamsha: Fagan/Bradley = 34°14'41, Lahiri = 33°21'41

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 35 48	9 <sup>55</sup> 26'58	18 <sup>50</sup> 20	17 <sup>11</sup> 57	3 <sup>11</sup> 37	15 <sup>52</sup> 26	23 <sup>01</sup> 2	22 <sup>11</sup> 6	28 <sup>48</sup> 24	29 <sup>48</sup> 31	4 <sup>02</sup> 55	1 <sup>0</sup> R54	3 <sup>00</sup> 3	10 <sup>05</sup> 59	0 <sup>01</sup> 9	T 1
W 2	18 39 44	10 <sup>0</sup> 24'18	1 <sup>02</sup> 26	18 <sup>0</sup> 37	4 <sup>4</sup> 47	16 <sup>0</sup> 6	23 <sup>0</sup> 13	22 <sup>0</sup> 13	28 <sup>0</sup> 25	29 <sup>0</sup> R31	4 <sup>0</sup> 57	1 <sup>0</sup> D53	3 <sup>0</sup> 0	11 <sup>0</sup> 6	0 <sup>0</sup> 15	W 2
T 3	18 43 41	11 <sup>0</sup> 21'37	14 <sup>0</sup> 14	19 <sup>0</sup> 22	5 <sup>0</sup> 58	16 <sup>0</sup> 46	23 <sup>0</sup> 24	22 <sup>0</sup> 21	28 <sup>0</sup> R25	29 <sup>0</sup> *31	4 <sup>0</sup> 58	1 <sup>0</sup> ≈53	2 <sup>0</sup> 57	11 <sup>0</sup> 12	0 <sup>0</sup> 21	T 3
F 4	18 47 37	12 <sup>0</sup> 18'55	26 <sup>0</sup> 44	20 <sup>0</sup> 11	7 <sup>0</sup> 8	17 <sup>0</sup> 26	23 <sup>0</sup> 35	22 <sup>0</sup> 28	28 <sup>0</sup> 25	29 <sup>0</sup> *31	5 <sup>0</sup> 0	1 <sup>0</sup> 55	2 <sup>0</sup> 54	11 <sup>0</sup> 19	0 <sup>0</sup> 28	F 4
S 5	18 51 34	13 <sup>0</sup> 16'13	8 <sup>08</sup> 59	21 <sup>0</sup> 3	8 <sup>0</sup> 19	18 <sup>0</sup> 6	23 <sup>0</sup> 47	22 <sup>0</sup> 36	28 <sup>0</sup> 25	29 <sup>0</sup> *31	5 <sup>0</sup> 2	1 <sup>0</sup> 56	2 <sup>0</sup> 50	11 <sup>0</sup> 26	0 <sup>0</sup> 34	S 5
S 6	18 55 30	14 <sup>0</sup> 13'30	21 <sup>0</sup> 2	22 <sup>0</sup> 0	9 <sup>0</sup> 29	18 <sup>0</sup> 46	23 <sup>0</sup> 58	22 <sup>0</sup> 43	28 <sup>0</sup> 24	29 <sup>0</sup> *30	5 <sup>0</sup> 3	1 <sup>0</sup> 57	2 <sup>0</sup> 47	11 <sup>0</sup> 32	0 <sup>0</sup> 40	S 6
M 7	18 59 27	15 <sup>0</sup> 10'46	2 <sup>02</sup> 58	23 <sup>0</sup> 1	10 <sup>0</sup> 40	19 <sup>0</sup> 25	24 <sup>0</sup> 10	22 <sup>0</sup> 51	28 <sup>0</sup> 24	29 <sup>0</sup> *30	5 <sup>0</sup> 5	1 <sup>0</sup> 58	2 <sup>0</sup> 44	11 <sup>0</sup> 39	0 <sup>0</sup> 46	M 7
T 8	19 3 24	16 <sup>0</sup> 8'02	14 <sup>0</sup> 51	24 <sup>0</sup> 6	11 <sup>0</sup> 51	20 <sup>0</sup> 5	24 <sup>0</sup> 21	22 <sup>0</sup> 58	28 <sup>0</sup> 24	29 <sup>0</sup> *30	5 <sup>0</sup> 6	1 <sup>0</sup> R59	2 <sup>0</sup> 41	11 <sup>0</sup> 46	0 <sup>0</sup> 53	T 8
W 9	19 7 20	17 <sup>0</sup> 5'17	26 <sup>0</sup> 45	25 <sup>0</sup> 15	13 <sup>0</sup> 2	20 <sup>0</sup> 45	24 <sup>0</sup> 33	23 <sup>0</sup> 5	28 <sup>0</sup> 24	29 <sup>0</sup> *30	5 <sup>0</sup> 8	1 <sup>0</sup> 59	2 <sup>0</sup> 38	11 <sup>0</sup> 53	0 <sup>0</sup> 59	W 9
T 10	19 11 17	18 <sup>0</sup> 2'32	8 <sup>08</sup> 46	26 <sup>0</sup> 27	14 <sup>0</sup> 12	21 <sup>0</sup> 25	24 <sup>0</sup> 45	23 <sup>0</sup> 13	28 <sup>0</sup> 23	29 <sup>0</sup> *30	5 <sup>0</sup> 9	1 <sup>0</sup> 58	2 <sup>0</sup> 35	11 <sup>0</sup> 59	1 <sup>0</sup> 5	T 10
F 11	19 15 13	18 <sup>0</sup> 59'46	20 <sup>0</sup> 57	27 <sup>0</sup> 43	15 <sup>0</sup> 23	22 <sup>0</sup> 4	24 <sup>0</sup> 56	23 <sup>0</sup> 20	28 <sup>0</sup> 23	29 <sup>0</sup> *29	5 <sup>0</sup> 11	1 <sup>0</sup> 56	2 <sup>0</sup> 31	12 <sup>0</sup> 6	1 <sup>0</sup> 12	F 11
S 12	19 19 10	19 <sup>0</sup> 57'00	3 <sup>02</sup> 22	29 <sup>0</sup> 3	16 <sup>0</sup> 34	22 <sup>0</sup> 44	25 <sup>0</sup> 8	23 <sup>0</sup> 27	28 <sup>0</sup> 23	29 <sup>0</sup> *29	5 <sup>0</sup> 12	1 <sup>0</sup> 55	2 <sup>0</sup> 28	12 <sup>0</sup> 13	1 <sup>0</sup> 18	S 12
S 13	19 23 6	20 <sup>0</sup> 54'14	16 <sup>0</sup> 5	0 <sup>02</sup> 27	17 <sup>0</sup> 45	23 <sup>0</sup> 24	25 <sup>0</sup> 20	23 <sup>0</sup> 34	28 <sup>0</sup> 22	29 <sup>0</sup> *29	5 <sup>0</sup> 14	1 <sup>0</sup> 53	2 <sup>0</sup> 25	12 <sup>0</sup> 19	1 <sup>0</sup> 24	S 13
M 14	19 27 3	21 <sup>0</sup> 51'28	29 <sup>0</sup> 6	1 <sup>0</sup> 55	18 <sup>0</sup> 56	24 <sup>0</sup> 3	25 <sup>0</sup> 32	23 <sup>0</sup> 42	28 <sup>0</sup> 22	29 <sup>0</sup> *28	5 <sup>0</sup> 16	1 <sup>0</sup> 52	2 <sup>0</sup> 22	12 <sup>0</sup> 26	1 <sup>0</sup> 31	M 14
T 15	19 31 0	22 <sup>0</sup> 48'41	12 <sup>03</sup> 26	3 <sup>0</sup> 26	20 <sup>0</sup> 7	24 <sup>0</sup> 43	25 <sup>0</sup> 44	23 <sup>0</sup> 49	28 <sup>0</sup> 21	29 <sup>0</sup> *28	5 <sup>0</sup> 17	1 <sup>0</sup> 51	2 <sup>0</sup> 19	12 <sup>0</sup> 33	1 <sup>0</sup> 37	T 15
W 16	19 34 56	23 <sup>0</sup> 45'54	26 <sup>0</sup> 5	5 <sup>0</sup> 0	21 <sup>0</sup> 19	25 <sup>0</sup> 23	25 <sup>0</sup> 56	23 <sup>0</sup> 56	28 <sup>0</sup> 21	29 <sup>0</sup> *28	5 <sup>0</sup> 19	1 <sup>0</sup> D51	2 <sup>0</sup> 15	12 <sup>0</sup> 40	1 <sup>0</sup> 44	W 16
T 17	19 38 53	24 <sup>0</sup> 43'07	9 <sup>00</sup> 59	6 <sup>0</sup> 38	22 <sup>0</sup> 30	26 <sup>0</sup> 2	26 <sup>0</sup> 8	24 <sup>0</sup> 3	28 <sup>0</sup> 20	29 <sup>0</sup> *27	5 <sup>0</sup> 20	1 <sup>0</sup> 51	2 <sup>0</sup> 12	12 <sup>0</sup> 46	1 <sup>0</sup> 50	T 17
F 18	19 42 49	25 <sup>0</sup> 40'20	24 <sup>0</sup> 6	8 <sup>0</sup> 19	23 <sup>0</sup> 41	26 <sup>0</sup> 42	26 <sup>0</sup> 20	24 <sup>0</sup> 10	28 <sup>0</sup> 19	29 <sup>0</sup> *27	5 <sup>0</sup> 22	1 <sup>0</sup> 51	2 <sup>0</sup> 9	12 <sup>0</sup> 53	1 <sup>0</sup> 56	F 18
S 19	19 46 46	26 <sup>0</sup> 37'33	8 <sup>08</sup> 22	10 <sup>0</sup> 4	24 <sup>0</sup> 52	27 <sup>0</sup> 21	26 <sup>0</sup> 32	24 <sup>0</sup> 17	28 <sup>0</sup> 19	29 <sup>0</sup> *26	5 <sup>0</sup> 24	1 <sup>0</sup> 52	2 <sup>0</sup> 6	13 <sup>0</sup> 0	2 <sup>0</sup> 3	S 19
S 20	19 50 42	27 <sup>0</sup> 34'47	22 <sup>0</sup> 43	11 <sup>0</sup> 52	26 <sup>0</sup> 4	28 <sup>0</sup> 1	26 <sup>0</sup> 44	24 <sup>0</sup> 24	28 <sup>0</sup> 18	29 <sup>0</sup> *26	5 <sup>0</sup> 25	1 <sup>0</sup> 52	2 <sup>0</sup> 3	13 <sup>0</sup> 6	2 <sup>0</sup> 9	S 20
M 21	19 54 39	28 <sup>0</sup> 32'01	7 <sup>09</sup> 5	13 <sup>0</sup> 43	27 <sup>0</sup> 15	28 <sup>0</sup> 40	26 <sup>0</sup> 57	24 <sup>0</sup> 31	28 <sup>0</sup> 17	29 <sup>0</sup> *25	5 <sup>0</sup> 27	1 <sup>0</sup> 52	2 <sup>0</sup> 0	13 <sup>0</sup> 13	2 <sup>0</sup> 16	M 21
T 22	19 58 35	29 <sup>0</sup> 29'15	21 <sup>0</sup> 23	15 <sup>0</sup> 37	28 <sup>0</sup> 26	29 <sup>0</sup> 19	27 <sup>0</sup> 9	24 <sup>0</sup> 38	28 <sup>0</sup> 16	29 <sup>0</sup> *24	5 <sup>0</sup> 28	1 <sup>0</sup> 52	1 <sup>0</sup> 56	13 <sup>0</sup> 20	2 <sup>0</sup> 22	T 22
W 23	20 2 32	0 <sup>02</sup> 26'30	5 <sup>08</sup> 36	17 <sup>0</sup> 33	29 <sup>0</sup> 38	29 <sup>0</sup> 59	27 <sup>0</sup> 21	24 <sup>0</sup> 44	28 <sup>0</sup> 15	29 <sup>0</sup> *24	5 <sup>0</sup> 30	1 <sup>0</sup> R52	1 <sup>0</sup> 53	13 <sup>0</sup> 27	2 <sup>0</sup> 29	W 23
T 24	20 6 29	1 <sup>0</sup> 23'45	19 <sup>0</sup> 40	19 <sup>0</sup> 32	0 <sup>02</sup> 49	0 <sup>03</sup> 38	27 <sup>0</sup> 34	24 <sup>0</sup> 51	28 <sup>0</sup> 14	29 <sup>0</sup> *23	5 <sup>0</sup> 32	1 <sup>0</sup> D52	1 <sup>0</sup> 50	13 <sup>0</sup> 33	2 <sup>0</sup> 35	T 24
F 25	20 10 25	2 <sup>0</sup> 21'01	3 <sup>11</sup> 35	21 <sup>0</sup> 33	2 <sup>0</sup> 1	1 <sup>0</sup> 17	27 <sup>0</sup> 46	24 <sup>0</sup> 58	28 <sup>0</sup> 13	29 <sup>0</sup> *23	5 <sup>0</sup> 33	1 <sup>0</sup> 52	1 <sup>0</sup> 47	13 <sup>0</sup> 40	2 <sup>0</sup> 42	F 25
S 26	20 14 22	3 <sup>0</sup> 18'17	17 <sup>0</sup> 18	23 <sup>0</sup> 36	3 <sup>0</sup> 13	1 <sup>0</sup> 57	27 <sup>0</sup> 59	25 <sup>0</sup> 5	28 <sup>0</sup> 12	29 <sup>0</sup> *22	5 <sup>0</sup> 35	1 <sup>0</sup> 53	1 <sup>0</sup> 44	13 <sup>0</sup> 47	2 <sup>0</sup> 48	S 26
S 27	20 18 18	4 <sup>0</sup> 15'34	0 <sup>02</sup> 48	25 <sup>0</sup> 41	4 <sup>0</sup> 24	2 <sup>0</sup> 36	28 <sup>0</sup> 11	25 <sup>0</sup> 11	28 <sup>0</sup> 11	29 <sup>0</sup> *21	5 <sup>0</sup> 37	1 <sup>0</sup> 53	1 <sup>0</sup> 41	13 <sup>0</sup> 53	2 <sup>0</sup> 55	S 27
M 28	20 22 15	5 <sup>0</sup> 12'52	14 <sup>0</sup> 4	27 <sup>0</sup> 47	5 <sup>0</sup> 36	3 <sup>0</sup> 15	28 <sup>0</sup> 24	25 <sup>0</sup> 18	28 <sup>0</sup> 10	29 <sup>0</sup> *20	5 <sup>0</sup> 38	1 <sup>0</sup> 53	1 <sup>0</sup> 37	14 <sup>0</sup> 0	3 <sup>0</sup> 1	M 28
T 29	20 26 11	6 <sup>0</sup> 10'10	27 <sup>0</sup> 7	29 <sup>0</sup> 54	6 <sup>0</sup> 48	3 <sup>0</sup> 54	28 <sup>0</sup> 36	25 <sup>0</sup> 24	28 <sup>0</sup> 9	29 <sup>0</sup> *19	5 <sup>0</sup> 40	1 <sup>0</sup> R53	1 <sup>0</sup> 34	14 <sup>0</sup> 7	3 <sup>0</sup> 8	T 29
W 30	20 30 8	7 <sup>0</sup> 7'28	9 <sup>02</sup> 56	2 <sup>02</sup> 1	8 <sup>0</sup> 0	4 <sup>0</sup> 34	28 <sup>0</sup> 49	25 <sup>0</sup> 31	28 <sup>0</sup> 8	29 <sup>0</sup> *19	5 <sup>0</sup> 41	1 <sup>0</sup> 53	1 <sup>0</sup> 31	14 <sup>0</sup> 14	3 <sup>0</sup> 14	W 30
T 31	20 34 4	8 <sup>02</sup> 4'46	22 <sup>02</sup> 30	4 <sup>02</sup> 10	9 <sup>02</sup> 12	5 <sup>02</sup> 13	29 <sup>02</sup> 1	25 <sup>02</sup> 37	28 <sup>08</sup> 7	29 <sup>08</sup> 18	5 <sup>02</sup> 43	1 <sup>00</sup> 53	1 <sup>00</sup> 28	14 <sup>00</sup> 20	3 <sup>02</sup> 21	T 31

Day	☉	☽		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	23n 1	23n19	1n14	18n53	3s56	18n55	1s55	23n23	0n55	14n31	0n46	21n42	1s25	1s21	0s47	1s10	1s 4	20n44	1n49	19s40	19s24	8s43	13n51	6s20	
W 2	22 57	19 49	0 2	19 3	3 49	19 9	1 54	23 18	0 55	14 27	0 46	21 43	1 25	1 21	0 47	1 10	1 4	20 43	1 49	19 40	19 25	8 46	13 50	6 20	
T 3	22 52	15 25	1s 7	19 15	3 42	19 23	1 52	23 14	0 56	14 24	0 46	21 43	1 25	1 21	0 47	1 10	1 4	20 43	1 49	19 40	19 26	8 49	13 49	6 19	
F 4	22 47	10 29	2 13	19 27	3 33	19 37	1 50	23 9	0 56	14 20	0 46	21 44	1 25	1 21	0 47	1 10	1 4	20 43	1 49	19 40	19 26	8 52	13 48	6 19	
S 5	22 42	5 14	3 10	19 39	3 24	19 50	1 48	23 4	0 56	14 16	0 46	21 44	1 25	1 21	0 47	1 10	1 4	20 42	1 49	19 39	19 27	8 55	13 47	6 19	
S 6	22 36	0s 7	3 59	19 52	3 15	20 2	1 47	22 59	0 57	14 12	0 46	21 45	1 25	1 21	0 47	1 11	1 4	20 42	1 49	19 39	19 28	8 58	13 46	6 19	
M 7	22 30	5 24	4 36	20 6	3 4	20 14	1 45	22 54	0 57	14 9	0 46	21 45	1 25	1 21	0 47	1 11	1 4	20 42	1 49	19 39	19 29	9 1	13 45	6 19	
T 8	22 23	10 28	5 2	20 20	2 54	20 26	1 43	22 48	0 57	14 5	0 46	21 45	1 25	1 21	0 47	1 11	1 4	20 41	1 49	19 39	19 29	9 4	13 43	6 19	
W 9	22 16	15 10	5 14	20 33	2 43	20 37	1 41	22 42	0 58	14 1	0 46	21 46	1 25	1 21	0 47	1 11	1 4	20 41	1 49	19 39	19 30	9 7	13 42	6 18	
T 10	22 8	19 19	5 14	20 47	2 31	20 47	1 39	22 37	0 58	13 57	0 46	21 46	1 25	1 22	0 47	1 11	1 4	20 41	1 49	19 39	19 31	9 9	13 41	6 18	
F 11	22 1	22 44	4 59	21 1	2 19	20 57	1 37	22 31	0 58	13 53	0 46	21 46	1 25	1 22	0 47	1 11	1 4	20 40	1 50	19 39	19 32	9 12	13 40	6 18	
S 12	21 53	25 10	4 30	21 14	2 7	21 7	1 35	22 24	0 59	13 49	0 46	21 47	1 25	1 22	0 47	1 11	1 4	20 40	1 50	19 40	19 32	9 15	13 39	6 18	
S 13	21 44	26 23	3 47	21 26	1 55	21 15	1 32	22 18	0 59	13 45	0 46	21 47	1 25	1 22	0 47	1 11	1 4	20 40	1 50	19 40	19 33	9 18	13 37	6 18	
M14	21 35	26 12	2 51	21 38	1 43	21 24	1 30	22 11	0 59	13 41	0 46	21 48	1 25	1 22	0 47	1 12	1 4	20 39	1 50	19 40	19 34	9 21	13 36	6 18	
T 15	21 26	24 31	1 45	21 49	1 30	21 32	1 28	22 5	0 59	13 37	0 46	21 48	1 25	1 23	0 47	1 12	1 4	20 39	1 50	19 41	19 34	9 24	13 35	6 18	
W16	21 16	21 23	0 32	21 58	1 17	21 39	1 25	21 58	1 0	13 33	0 46	21 48	1 25	1 23	0 47	1 12	1 5	20 39	1 50	19 41	19 35	9 27	13 34	6 18	
T 17	21 6	16 58	0n45	22 7	1 4	21 46	1 23	21 51	1 0	13 29	0 46	21 49	1 25	1 23	0 47	1 12	1 5	20 38	1 50	19 41	19 36	9 30	13 32	6 18	
F 18	20 56	11 33	2 0	22 14	0 52	21 52	1 21	21 44	1 0	13 25	0 46	21 49	1 25	1 23	0 47	1 12	1 5	20 38	1 50	19 41	19 37	9 33	13 31	6 17	
S 19	20 45	5 29	3 9	22 19	0 39	21 57	1 18	21 36	1 0	13 21	0 46	21 49	1 25	1 24	0 48	1 13	1 5	20 38	1 50	19 40	19 37	9 36	13 30	6 17	
S 20	20 34	0n53	4 6	22 23	0 27	22 2	1 16	21 29	1 1	13 17	0 46	21 49	1 25	1 24	0 48	1 13	1 5	20 37	1 50	19 40	19 38	9 38	13 28	6 17	
M21	20 23	7 12	4 48	22 25	0 14	22 6	1 13	21 21	1 1	13 12	0 46	21 50	1 25	1 25	0 48	1 13	1 5	20 37	1 50	19 40	19 39	9 41	13 27	6 17	
T 22	20 11	13 7	5 12	22 24	0 2	22 10	1 11	21 13	1 1	13 8	0 46	21 50	1 25	1 25	0 48	1 14	1 5	20 37	1 50	19 40	19 39	9 44	13 26	6 17	
W23	19 59	18 18	5 16	22 21	0n 9	22 13	1 8	21 5	1 1	13 4	0 46	21 50	1 25	1 25	0 48	1 14	1 5	20 36	1 50	19 40	19 40	9 47	13 24	6 17	
T 24	19 47	22 26	5 2	22 16	0 20	22 16	1 5	20 57	1 2	13 0	0 46	21 50	1 25	1 26	0 48	1 14	1 5	20 36	1 50	19 40	19 41	9 50	13 23	6 17	
F 25	19 34	25 12	4 30	22 9	0 31	22 18	1 3	20 48	1 2	12 56	0 46	21 51	1 25	1 26	0 48	1 14	1 5	20 36	1 50	19 40	19 41	9 53	13 21	6 17	
S 26	19 21	26 27	3 43	21 58	0 41	22 19	1 0	20 40	1 2	12 51	0 46	21 51	1 25	1 27	0 48	1 15	1 5	20 35	1 50	19 40	19 42	9 56	13 20	6 17	
S 27	19 7	26 5	2 44	21 46	0 51	22 20	0 57	20 31	1 2	12 47	0 46	21 51	1 25	1 27	0 48	1 15	1 5	20 35	1 50	19 40	19 43	9 59	13 19	6 17	
M28	18 54	24 13	1 37	21 30	0 59	22 20	0 55	20 23	1 3	12 43	0 46	21 51	1 25	1 27	0 48	1 15	1 5	20 35	1 51	19 40	19 44	10 1	13 17	6 17	
T 29	18 40	21 5	0 26	21 12	1 8	22 19	0 52	20 14	1 3	12 38	0 46	21 52	1 25	1 28	0 48	1 16	1 5	20 34	1 51	19 40	19 44	10 4	13 16	6 17	
W30	18 25	16 59	0s44	20 51	1 15	22 18	0 49	20 5	1 3	12 34	0 46	21 52	1 25	1 28	0 48	1 16	1 5	20 34	1 51	19 40	19 45	10 7	13 14	6 17	
T 31	18n11	12n12	1s52	20n28	1n22	22n16	0s46	19n55	1n 3	12n30	0n46	21n52	1s25	1s29	0s48	1s17	1s 5	20n34	1n51	19s40	19s46	10s10	13n13	6s17	

Julian Day Number = 2699725.5, Delta T = 25m43s  
Ecliptic obliquity = 23°21'08", Nutation = 0°00'15"  
Ayanamsha: Fagan/Bradley = 34°14'45", Lahiri = 33°21'45"

## ASTRODIENST EPHEMERIS for the year 2679

AUGUST 2679

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	20 38 1	9♌ 2'05	4♍52	6♌18	10♌24	5♌52	29♌14	25♌44	28°R 5	29°R17	5♌45	1°R52	1♌25	14♌27	3♌27	F 1
S 2	20 41 58	9°59'24	17° 2	8°26	11°36	6°31	29°27	25°50	28°K 4	29°K16	5°46	1°51	1°21	14°34	3°34	S 2
S 3	20 45 54	10°56'44	29° 3	10°34	12°48	7°10	29°40	25°56	28° 3	29°15	5°48	1°50	1°18	14°40	3°40	S 3
M 4	20 49 51	11°54'04	10♌58	12°41	14° 0	7°49	29°52	26° 3	28° 1	29°14	5°50	1°49	1°15	14°47	3°47	M 4
T 5	20 53 47	12°51'24	22°50	14°47	15°12	8°28	0♍ 5	26° 9	28° 0	29°13	5°51	1°48	1°12	14°54	3°53	T 5
W 6	20 57 44	13°48'45	4♍44	16°52	16°24	9° 7	0°18	26°15	27°58	29°12	5°53	1°47	1° 9	15° 1	4° 0	W 6
T 7	21 1 140	14°46'06	16°44	18°56	17°36	9°46	0°31	26°21	27°57	29°11	5°54	1°D47	1° 6	15° 7	4° 6	T 7
F 8	21 5 37	15°43'27	28°54	20°59	18°48	10°25	0°44	26°27	27°55	29°10	5°56	1°47	1° 2	15°14	4°12	F 8
S 9	21 9 33	16°40'49	11♌19	23° 0	20° 1	11° 4	0°57	26°33	27°54	29° 9	5°58	1°48	0°59	15°21	4°19	S 9
S 10	21 13 30	17°38'12	24° 2	25° 0	21°13	11°43	1°10	26°39	27°52	29° 8	5°59	1°49	0°56	15°27	4°25	S 10
M11	21 17 27	18°35'35	7♌ 8	26°58	22°25	12°21	1°22	26°44	27°50	29° 7	6° 1	1°50	0°53	15°34	4°32	M11
T 12	21 21 23	19°32'58	20°38	28°55	23°38	13° 0	1°35	26°50	27°49	29° 5	6° 2	1°51	0°50	15°41	4°38	T 12
W13	21 25 20	20°30'22	4♌31	0♍50	24°50	13°39	1°48	26°56	27°47	29° 4	6° 4	1°R52	0°47	15°48	4°44	W13
T 14	21 29 16	21°27'47	18°46	2°44	26° 3	14°18	2° 1	27° 1	27°45	29° 3	6° 6	1°51	0°43	15°54	4°51	T 14
F 15	21 33 13	22°25'13	3♌18	4°36	27°15	14°57	2°14	27° 7	27°43	29° 2	6° 7	1°49	0°40	16° 1	4°57	F 15
S 16	21 37 9	23°22'39	18° 1	6°27	28°28	15°35	2°27	27°12	27°41	29° 1	6° 9	1°47	0°37	16° 8	5° 3	S 16
S 17	21 41 6	24°20'07	2♍49	8°15	29°41	16°14	2°40	27°18	27°40	28°59	6°10	1°44	0°34	16°15	5°10	S 17
M18	21 45 2	25°17'36	17°33	10° 3	0♌53	16°53	2°53	27°23	27°38	28°58	6°12	1°41	0°31	16°21	5°16	M18
T 19	21 48 59	26°15'06	2♌ 7	11°48	2° 6	17°31	3° 6	27°28	27°36	28°57	6°13	1°39	0°27	16°28	5°22	T 19
W20	21 52 56	27°12'37	16°26	13°33	3°19	18°10	3°20	27°33	27°34	28°55	6°15	1°37	0°24	16°35	5°28	W20
T 21	21 56 52	28°10'10	0♍28	15°15	4°32	18°49	3°33	27°39	27°32	28°54	6°16	1°D37	0°21	16°41	5°35	T 21
F 22	22 0 49	29° 7'44	14°12	16°56	5°45	19°27	3°46	27°44	27°30	28°53	6°18	1°38	0°18	16°48	5°41	F 22
S 23	22 4 45	0♍ 5'20	27°38	18°36	6°57	20° 6	3°59	27°49	27°28	28°51	6°20	1°39	0°15	16°55	5°47	S 23
S 24	22 8 42	1° 2'57	10♌48	20°14	8°10	20°44	4°12	27°53	27°26	28°50	6°21	1°41	0°12	17° 2	5°53	S 24
M25	22 12 38	2° 0'35	23°42	21°50	9°23	21°23	4°25	27°58	27°24	28°48	6°23	1°42	0° 8	17° 8	5°59	M25
T 26	22 16 35	2°58'14	6♌24	23°25	10°37	22° 2	4°38	28° 3	27°22	28°47	6°24	1°R42	0° 5	17°15	6° 5	T 26
W27	22 20 31	3°55'55	18°54	24°59	11°50	22°40	4°51	28° 8	27°19	28°46	6°26	1°41	0° 2	17°22	6°11	W27
T 28	22 24 28	4°53'37	1♍14	26°30	13° 3	23°19	5° 4	28°12	27°17	28°44	6°27	1°38	29♌59	17°28	6°18	T 28
F 29	22 28 25	5°51'21	13°24	28° 1	14°16	23°57	5°17	28°17	27°15	28°43	6°28	1°33	29°56	17°35	6°24	F 29
S 30	22 32 21	6°49'05	25°27	29°30	15°29	24°35	5°31	28°21	27°13	28°41	6°30	1°27	29°52	17°42	6°29	S 30
S 31	22 36 18	7♍46'51	7♌24	0♌57	16♌43	25♌14	5♍44	28♍25	27♍11	28♍40	6♌31	1°21	29♌49	17♌49	6♌35	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
F 1	17n56	7n 1	2s53	20n 2	1n27	22n14	0s43	19n46	1n 4	12n25	0n46	21n52	1s25	1s30	0s48	F 1
S 2	17 41	1 39	3 45	19 35	1 32	22 10	0 41	19 36	1 4	12 21	0 46	21 52	1 25	1 30	0 48	S 2
S 3	17 25	3s42	4 26	19 5	1 37	22 7	0 38	19 27	1 4	12 16	0 46	21 52	1 25	1 31	0 48	S 3
M 4	17 10	8 51	4 56	18 33	1 40	22 2	0 35	19 17	1 4	12 12	0 46	21 53	1 25	1 31	0 48	M 4
T 5	16 54	13 41	5 12	17 59	1 43	21 57	0 32	19 7	1 4	12 7	0 46	21 53	1 25	1 32	0 48	T 5
W 6	16 37	18 0	5 16	17 23	1 45	21 52	0 29	18 57	1 5	12 3	0 46	21 53	1 25	1 32	0 48	W 6
T 7	16 21	21 39	5 5	16 46	1 46	21 46	0 27	18 47	1 5	11 58	0 46	21 53	1 25	1 33	0 48	T 7
F 8	16 4	24 25	4 42	16 8	1 46	21 39	0 24	18 37	1 5	11 54	0 46	21 53	1 25	1 34	0 48	F 8
S 9	15 47	26 5	4 4	15 28	1 46	21 31	0 21	18 26	1 5	11 49	0 46	21 53	1 25	1 34	0 48	S 9
S 10	15 29	26 27	3 14	14 48	1 45	21 23	0 18	18 16	1 6	11 45	0 46	21 53	1 25	1 35	0 48	S 10
M11	15 12	25 22	2 12	14 6	1 44	21 15	0 15	18 5	1 6	11 40	0 46	21 53	1 25	1 36	0 48	M11
T 12	14 54	22 47	1 2	13 24	1 41	21 5	0 12	17 54	1 6	11 36	0 47	21 54	1 25	1 36	0 48	T 12
W13	14 36	18 50	0n15	12 41	1 39	20 56	0 10	17 43	1 6	11 31	0 47	21 54	1 25	1 37	0 48	W13
T 14	14 18	13 41	1 32	11 57	1 36	20 45	0 7	17 32	1 6	11 27	0 47	21 54	1 25	1 38	0 48	T 14
F 15	13 59	7 42	2 45	11 13	1 32	20 34	0 4	17 21	1 6	11 22	0 47	21 54	1 25	1 39	0 48	F 15
S 16	13 41	1 14	3 47	10 28	1 28	20 22	0 1	17 10	1 7	11 17	0 47	21 54	1 26	1 39	0 48	S 16
S 17	13 22	5n19	4 35	9 44	1 23	20 10	0n 2	16 59	1 7	11 13	0 47	21 54	1 26	1 40	0 48	S 17
M18	13 3	11 33	5 4	8 59	1 18	19 57	0 4	16 47	1 7	11 8	0 47	21 54	1 26	1 41	0 48	M18
T 19	12 43	17 4	5 14	8 13	1 12	19 44	0 7	16 36	1 7	11 3	0 47	21 54	1 26	1 42	0 48	T 19
W20	12 24	21 32	5 4	7 28	1 6	19 30	0 10	16 24	1 7	10 59	0 47	21 54	1 26	1 42	0 48	W20
T 21	12 4	24 39	4 35	6 43	1 0	19 16	0 12	16 12	1 8	10 54	0 47	21 54	1 26	1 43	0 48	T 21
F 22	11 44	26 15	3 51	5 58	0 54	19 1	0 15	16 0	1 8	10 49	0 47	21 54	1 26	1 44	0 48	F 22
S 23	11 24	26 16	2 56	5 13	0 47	18 45	0 18	15 48	1 8	10 45	0 47	21 54	1 26	1 45	0 48	S 23
S 24	11 4	24 47	1 52	4 28	0 40	18 29	0 20	15 36	1 8	10 40	0 47	21 54	1 26	1 46	0 49	S 24
M25	10 43	22 0	0 44	3 43	0 32	18 12	0 23	15 24	1 8	10 35	0 47	21 54	1 26	1 46	0 49	M25
T 26	10 23	18 11	0s26	2 59	0 25	17 55	0 25	15 12	1 8	10 31	0 47	21 54	1 26	1 47	0 49	T 26
W27	10 2	13 38	1 33	2 15	0 17	17 38	0 28	14 59	1 8	10 26	0 47	21 54	1 26	1 48	0 49	W27
T 28	9 41	8 36	2 34	1 31	0 9	17 19	0 30	14 47	1 9	10 21	0 46	21 54	1 26	1 49	0 49	T 28
F 29	9 20	3 18	3 28	0 48	0 1	17 1	0 33	14 34	1 9	10 16	0 47	21 54	1 26	1 50	0 49	F 29
S 30	8 59	2s 3	4 11	0 5	0s 8	16 42	0 35	14 22	1 9	10 12	0 47	21 54	1 26	1 51	0 49	S 30
S 31	8n37	7s16	4s43	0s38	0s16	16n22	0n37	14n 9	1n 9	10n 7	0n47	21n54	1s26	1s52	0s49	S 31

Julian Day Number = 2699756.5, Delta T = 25m43s

Ecliptic obliquity = 23°21'09, Nutation = 0°00'16

Ayanamsha: Fagan/Bradley = 34°14'49, Lahiri = 33°21'49

# ASTRODIENST EPHEMERIS for the year 2679

SEPTEMBER 2679

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	22 40 14	8♍44'38	19♌17	2♋23	17♌56	25♏52	5♍57	28♏30	27♏9	28♏38	6♏33	1♏14	29♌46	17♌55	6♏41	M 1
T 2	22 44 11	9°42'26	1♍8	3°47	19°9	26°31	6°10	28°34	27♏6	28♏36	6°34	1♏8	29°43	18°2	6°47	T 2
W 3	22 48 7	10°40'15	13°1	5°10	20°23	27°9	6°23	28°38	27°4	28°35	6°36	1°3	29°40	18°9	6°53	W 3
T 4	22 52 4	11°38'06	24°59	6°31	21°36	27°47	6°36	28°42	27°2	28°33	6°37	1°0	29°37	18°15	6°59	T 4
F 5	22 56 0	12°35'58	7♌6	7°50	22°50	28°26	6°49	28°46	26°59	28°32	6°38	0°D58	29°33	18°22	7°5	F 5
S 6	22 59 57	13°33'51	19°27	9°7	24°3	29°4	7°2	28°49	26°57	28°30	6°40	0°58	29°30	18°29	7°10	S 6
S 7	23 3 54	14°31'45	2♌7	10°23	25°17	29°42	7°15	28°53	26°55	28°29	6°41	1°0	29°27	18°36	7°16	S 7
M 8	23 7 50	15°29'40	15°10	11°37	26°30	0♍21	7°28	28°57	26°53	28°27	6°42	1°1	29°24	18°42	7°22	M 8
T 9	23 11 47	16°27'37	28°39	12°49	27°44	0°59	7°41	29°0	26°50	28°25	6°44	1°R 2	29°21	18°49	7°27	T 9
W10	23 15 43	17°25'35	12♌36	13°59	28°57	1°37	7°54	29°4	26°48	28°24	6°45	1°1	29°18	18°56	7°33	W10
T 11	23 19 40	18°23'34	27°0	15°7	0♍11	2°15	8°7	29°7	26°45	28°22	6°46	0°59	29°14	19°3	7°38	T 11
F 12	23 23 36	19°21'34	11♌47	16°13	1°25	2°53	8°20	29°10	26°43	28°21	6°48	0°54	29°11	19°9	7°44	F 12
S 13	23 27 33	20°19'36	26°50	17°17	2°39	3°32	8°33	29°13	26°41	28°19	6°49	0°48	29°8	19°16	7°49	S 13
S 14	23 31 29	21°17'40	12♍1	18°18	3°53	4°10	8°46	29°16	26°38	28°17	6°50	0°40	29°5	19°23	7°55	S 14
M15	23 35 26	22°15'45	27°7	19°17	5°6	4°48	8°59	29°19	26°36	28°16	6°51	0°33	29°2	19°29	8°0	M15
T 16	23 39 22	23°13'53	12♌1	20°13	6°20	5°26	9°12	29°22	26°34	28°14	6°52	0°26	28°58	19°36	8°5	T 16
W17	23 43 19	24°12'02	26°35	21°6	7°34	6°4	9°25	29°25	26°31	28°12	6°54	0°21	28°55	19°43	8°10	W17
T 18	23 47 16	25°10'13	10♏44	21°56	8°48	6°42	9°38	29°27	26°29	28°11	6°55	0°18	28°52	19°50	8°16	T 18
F 19	23 51 12	26°8'27	24°28	22°43	10°2	7°20	9°51	29°30	26°26	28°9	6°56	0°D17	28°49	19°56	8°21	F 19
S 20	23 55 9	27°6'42	7♌48	23°26	11°16	7°58	10°3	29°32	26°24	28°7	6°57	0°18	28°46	20°3	8°26	S 20
S 21	23 59 5	28°4'59	20°47	24°6	12°30	8°37	10°16	29°35	26°22	28°6	6°58	0°18	28°43	20°10	8°31	S 21
M22	0 3 2	29°3'19	3♏28	24°41	13°44	9°15	10°29	29°37	26°19	28°4	6°59	0°R19	28°39	20°16	8°36	M22
T 23	0 6 58	0♌1'40	15°54	25°13	14°59	9°53	10°42	29°39	26°17	28°2	7°0	0°17	28°36	20°23	8°41	T 23
W24	0 10 55	1°0'03	28°10	25°39	16°13	10°31	10°54	29°41	26°14	28°1	7°1	0°14	28°33	20°30	8°46	W24
T 25	0 14 51	1°58'28	10♏17	26°1	17°27	11°9	11°7	29°43	26°12	27°59	7°3	0°8	28°30	20°37	8°50	T 25
F 26	0 18 48	2°56'55	22°18	26°18	18°41	11°47	11°20	29°45	26°10	27°58	7°4	29♌59	28°27	20°43	8°55	F 26
S 27	0 22 45	3°55'24	4♌14	26°29	19°56	12°25	11°32	29°47	26°7	27°56	7°5	29°48	28°24	20°50	9°0	S 27
S 28	0 26 41	4°53'55	16°8	26°R34	21°10	13°2	11°45	29°48	26°5	27°54	7°6	29°36	28°20	20°57	9°4	S 28
M29	0 30 38	5°52'28	27°59	26°33	22°24	13°40	11°57	29°50	26°3	27°53	7°6	29°23	28°17	21°3	9°9	M29
T 30	0 34 34	6♌51'02	9♏51	26♌25	23♏39	14♏18	12♏10	29♏51	26♏0	27♏51	7♏7	29♌11	28♌14	21♌10	9♏13	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	8n16	12s12	5s 3	1s20	0s25	16n 2	0n40	13n56	1n 9	10n 2	0n48	21n54	1s27	1s53	0s49	1s33
T 2	7 54	16 40	5 10	2 1	0 34	15 41	0 42	13 43	1 9	9 57	0 48	21 54	1 27	1 53	0 49	1 34
W 3	7 32	20 30	5 3	2 42	0 43	15 21	0 44	13 30	1 9	9 53	0 48	21 54	1 27	1 54	0 49	1 34
T 4	7 10	23 31	4 43	3 22	0 52	14 59	0 46	13 17	1 10	9 48	0 48	21 54	1 27	1 55	0 49	1 35
F 5	6 48	25 32	4 11	4 2	1 1	14 37	0 49	13 4	1 10	9 43	0 48	21 54	1 27	1 56	0 49	1 36
S 6	6 26	26 21	3 26	4 41	1 10	14 15	0 51	12 51	1 10	9 38	0 48	21 54	1 27	1 57	0 49	1 36
S 7	6 4	25 50	2 30	5 19	1 19	13 53	0 53	12 38	1 10	9 34	0 48	21 54	1 27	1 58	0 49	1 37
M 8	5 42	23 54	1 25	5 56	1 28	13 30	0 55	12 24	1 10	9 29	0 48	21 54	1 27	1 59	0 49	1 38
T 9	5 19	20 34	0 13	6 33	1 38	13 6	0 57	12 11	1 10	9 24	0 48	21 54	1 27	2 0	0 49	1 38
W10	4 57	15 58	1n 2	7 8	1 47	12 43	0 59	11 57	1 10	9 19	0 48	21 54	1 27	2 1	0 49	1 39
T 11	4 34	10 21	2 15	7 43	1 56	12 19	1 0	11 44	1 10	9 14	0 48	21 54	1 27	2 2	0 49	1 40
F 12	4 12	4 1	3 21	8 17	2 5	11 54	1 2	11 30	1 10	9 10	0 48	21 54	1 27	2 3	0 49	1 40
S 13	3 49	2n39	4 15	8 50	2 14	11 29	1 4	11 16	1 11	9 5	0 48	21 54	1 27	2 4	0 49	1 41
S 14	3 26	9 11	4 50	9 21	2 23	11 4	1 6	11 3	1 11	9 0	0 49	21 54	1 27	2 5	0 49	1 42
M15	3 4	15 10	5 6	9 52	2 32	10 39	1 7	10 49	1 11	8 55	0 49	21 53	1 28	2 6	0 49	1 42
T 16	2 41	20 9	5 0	10 21	2 40	10 13	1 9	10 35	1 11	8 51	0 49	21 53	1 28	2 7	0 49	1 43
W17	2 18	23 47	4 35	10 49	2 49	9 47	1 10	10 21	1 11	8 46	0 49	21 53	1 28	2 7	0 49	1 44
T 18	1 55	25 50	3 54	11 15	2 57	9 21	1 12	10 7	1 11	8 41	0 49	21 53	1 28	2 8	0 49	1 44
F 19	1 32	26 14	3 0	11 40	3 5	8 54	1 13	9 53	1 11	8 36	0 49	21 53	1 28	2 9	0 49	1 45
S 20	1 9	25 5	1 58	12 3	3 13	8 28	1 14	9 39	1 11	8 32	0 49	21 53	1 28	2 10	0 49	1 46
S 21	0 46	22 35	0 51	12 25	3 20	8 1	1 16	9 25	1 11	8 27	0 49	21 53	1 28	2 11	0 49	1 46
M22	0 22	19 2	0s17	12 44	3 27	7 33	1 17	9 11	1 11	8 22	0 49	21 53	1 28	2 12	0 49	1 47
T 23	0s 1	14 42	1 22	13 2	3 33	7 6	1 18	8 56	1 11	8 17	0 49	21 53	1 28	2 13	0 49	1 48
W24	0 24	9 50	2 23	13 17	3 39	6 38	1 19	8 42	1 12	8 13	0 49	21 53	1 28	2 14	0 49	1 48
T 25	0 47	4 39	3 16	13 30	3 44	6 10	1 20	8 28	1 12	8 8	0 50	21 53	1 28	2 15	0 49	1 49
F 26	1 10	0s38	4 0	13 40	3 49	5 42	1 21	8 14	1 12	8 3	0 50	21 53	1 28	2 16	0 49	1 50
S 27	1 33	5 51	4 33	13 48	3 53	5 14	1 22	7 59	1 12	7 59	0 50	21 53	1 29	2 17	0 49	1 50
S 28	1 56	10 50	4 54	13 52	3 56	4 45	1 23	7 45	1 12	7 54	0 50	21 52	1 29	2 18	0 49	1 51
M29	2 20	15 25	5 2	13 54	3 58	4 17	1 23	7 30	1 12	7 49	0 50	21 52	1 29	2 19	0 49	1 51
T 30	2s43	19s24	4s57	13s52	3s58	3n48	1n24	7n16	1n12	7n45	0n50	21n52	1s29	2s20	0s49	1s52

Julian Day Number = 2699787.5, Delta T = 25m43s  
 Ecliptic obliquity = 23°21'09, Nutation = 0°00'15  
 Ayanamsha: Fagan/Bradley = 34°14'54, Lahiri = 33°21'54

## ASTRODIENST EPHEMERIS for the year 2679

OCTOBER 2679

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	0 38 31	7♂49°38	21♂44	26°R10	24♂53	14♂56	12♂22	29♂52	25°R58	27°R49	7♂8	29°R 1	28♂11	21♂17	9♂18	W 1
T 2	0 42 27	8°48'16	3♂43	25♂49	26° 8	15°34	12°35	29°54	25♂56	27♂48	7° 9	28♂53	28° 8	21°24	9°22	T 2
F 3	0 46 24	9°46'56	15°49	25°20	27°22	16°12	12°47	29°55	25°53	27°46	7°10	28°48	28° 4	21°30	9°27	F 3
S 4	0 50 20	10°45'37	28° 8	24°44	28°37	16°50	12°59	29°56	25°51	27°44	7°11	28°46	28° 1	21°37	9°31	S 4
S 5	0 54 17	11°44'20	10♂43	24° 1	29°51	17°28	13°12	29°57	25°49	27°43	7°12	28°D45	27°58	21°44	9°35	S 5
M 6	0 58 14	12°43'04	23°39	23°11	1♂6	18° 5	13°24	29°57	25°46	27°41	7°13	28°R45	27°55	21°51	9°39	M 6
T 7	1 2 10	13°41'51	7♂41	22°16	2°20	18°43	13°36	29°58	25°44	27°40	7°13	28°45	27°52	21°57	9°43	T 7
W 8	1 6 7	14°40'38	20°51	21°16	3°35	19°21	13°48	29°58	25°42	27°38	7°14	28°44	27°49	22° 4	9°47	W 8
T 9	1 10 3	15°39'28	5♂11	20°11	4°49	19°59	14° 0	29°59	25°40	27°37	7°15	28°40	27°45	22°11	9°51	T 9
F 10	1 14 0	16°38'19	19°58	19° 4	6° 4	20°37	14°12	29°59	25°37	27°35	7°16	28°33	27°42	22°17	9°55	F 10
S 11	1 17 56	17°37'12	5♂6	17°57	7°19	21°14	14°24	29°59	25°35	27°34	7°16	28°24	27°39	22°24	9°59	S 11
S 12	1 21 53	18°36'07	20°26	16°50	8°33	21°52	14°36	29°R59	25°33	27°32	7°17	28°13	27°36	22°31	10° 2	S 12
M13	1 25 49	19°35'04	5♂46	15°45	9°48	22°30	14°48	29°59	25°31	27°30	7°18	28° 2	27°33	22°38	10° 6	M13
T 14	1 29 46	20°34'03	20°56	14°45	11° 3	23° 7	14°59	29°59	25°29	27°29	7°18	27°52	27°29	22°44	10° 9	T 14
W15	1 33 43	21°33'04	5♂44	13°51	12°18	23°45	15°11	29°59	25°27	27°28	7°19	27°45	27°26	22°51	10°13	W15
T 16	1 37 39	22°32'08	20° 5	13° 4	13°32	24°23	15°23	29°59	25°25	27°26	7°20	27°39	27°23	22°58	10°16	T 16
F 17	1 41 36	23°31'13	3♂57	12°26	14°47	25° 0	15°34	29°58	25°23	27°25	7°20	27°36	27°20	23° 4	10°20	F 17
S 18	1 45 32	24°30'21	17°21	11°58	16° 2	25°38	15°46	29°58	25°21	27°23	7°21	27°35	27°17	23°11	10°23	S 18
S 19	1 49 29	25°29'32	0♂19	11°40	17°17	26°16	15°57	29°57	25°19	27°22	7°21	27°35	27°14	23°18	10°26	S 19
M20	1 53 25	26°28'44	12°56	11°D33	18°32	26°53	16° 9	29°56	25°17	27°20	7°22	27°35	27°10	23°25	10°29	M20
T 21	1 57 22	27°27'59	25°15	11°37	19°47	27°31	16°20	29°55	25°15	27°19	7°22	27°33	27° 7	23°31	10°32	T 21
W22	2 1 18	28°27'16	7♂23	11°51	21° 1	28° 9	16°31	29°54	25°13	27°18	7°23	27°28	27° 4	23°38	10°35	W22
T 23	2 5 15	29°26'35	19°23	12°15	22°16	28°46	16°43	29°53	25°11	27°16	7°23	27°21	27° 1	23°45	10°38	T 23
F 24	2 9 12	0♂25'57	1♂17	12°49	23°31	29°24	16°54	29°52	25° 9	27°15	7°23	27°11	26°58	23°52	10°40	F 24
S 25	2 13 8	1°25'20	13° 9	13°32	24°46	0♂1	17° 5	29°51	25° 7	27°14	7°24	26°58	26°55	23°58	10°43	S 25
S 26	2 17 5	2°24'46	25° 1	14°24	26° 1	0°39	17°16	29°49	25° 6	27°12	7°24	26°44	26°51	24° 5	10°46	S 26
M27	2 21 1	3°24'13	6♂54	15°23	27°16	1°16	17°27	29°48	25° 4	27°11	7°24	26°29	26°48	24°12	10°48	M27
T 28	2 24 58	4°23'43	18°49	16°28	28°31	1°54	17°37	29°46	25° 2	27°10	7°25	26°15	26°45	24°18	10°51	T 28
W29	2 28 54	5°23'15	0♂48	17°40	29°46	2°31	17°48	29°44	25° 1	27° 9	7°25	26° 3	26°42	24°25	10°53	W29
T 30	2 32 51	6°22'48	12°52	18°56	1♂1	3° 9	17°59	29°43	24°59	27° 7	7°25	25°54	26°39	24°32	10°55	T 30
F 31	2 36 47	7♂22'24	25♂4	20♂17	2♂17	3♂46	18♂9	29♂41	24♂57	27♂6	7♂25	25♂47	26♂35	24♂39	10♂57	F 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	3s 6	22s37	4s39	13s46	3s58	3n19	1n25	7n 1	1n12	7n40	0n50	21n52	1s29	2s21	0s49	1s53	1s 6
T 2	3 29	24 53	4 9	13 36	3 56	2 50	1 25	6 47	1 12	7 35	0 50	21 52	1 29	2 21	0 49	1 53	1 6
F 3	3 52	26 2	3 27	13 22	3 53	2 21	1 26	6 32	1 12	7 31	0 50	21 52	1 29	2 22	0 49	1 54	1 6
S 4	4 15	25 55	2 35	13 4	3 48	1 52	1 26	6 17	1 12	7 26	0 51	21 52	1 29	2 23	0 49	1 55	1 6
S 5	4 38	24 29	1 34	12 42	3 41	1 23	1 27	6 3	1 12	7 22	0 51	21 52	1 29	2 24	0 49	1 55	1 6
M 6	5 0	21 44	0 27	12 16	3 32	0 54	1 27	5 48	1 12	7 17	0 51	21 52	1 29	2 25	0 49	1 56	1 6
T 7	5 23	17 45	0n44	11 46	3 22	0 24	1 27	5 33	1 12	7 13	0 51	21 52	1 29	2 26	0 49	1 57	1 6
W 8	5 46	12 41	1 54	11 12	3 9	0s 5	1 27	5 19	1 12	7 8	0 51	21 52	1 29	2 27	0 49	1 57	1 6
T 9	6 8	6 47	3 0	10 34	2 55	0 34	1 27	5 4	1 12	7 4	0 51	21 52	1 30	2 28	0 49	1 58	1 6
F 10	6 31	0 21	3 56	9 54	2 39	1 4	1 27	4 49	1 12	6 59	0 51	21 52	1 30	2 29	0 49	1 58	1 6
S 11	6 53	6n15	4 36	9 12	2 22	1 33	1 27	4 34	1 12	6 55	0 51	21 51	1 30	2 29	0 48	1 59	1 6
S 12	7 16	12 33	4 58	8 29	2 3	2 3	1 27	4 19	1 12	6 50	0 52	21 51	1 30	2 30	0 48	2 0	1 6
M13	7 38	18 4	4 58	7 46	1 44	2 32	1 27	4 5	1 12	6 46	0 52	21 51	1 30	2 31	0 48	2 0	1 6
T 14	8 0	22 22	4 37	7 4	1 23	3 1	1 27	3 50	1 12	6 41	0 52	21 51	1 30	2 32	0 48	2 1	1 6
W15	8 22	25 5	3 57	6 25	1 3	3 31	1 26	3 35	1 12	6 37	0 52	21 51	1 30	2 33	0 48	2 1	1 6
T 16	8 44	26 3	3 4	5 48	0 42	4 0	1 26	3 20	1 12	6 33	0 52	21 51	1 30	2 33	0 48	2 2	1 6
F 17	9 6	25 19	2 1	5 15	0 22	4 29	1 26	3 5	1 12	6 28	0 52	21 51	1 30	2 34	0 48	2 3	1 6
S 18	9 28	23 7	0 54	4 46	0 3	4 59	1 25	2 50	1 12	6 24	0 52	21 51	1 30	2 35	0 48	2 3	1 6
S 19	9 49	19 47	0s14	4 22	0n15	5 28	1 24	2 35	1 12	6 20	0 53	21 51	1 30	2 36	0 48	2 4	1 6
M20	10 11	15 36	1 20	4 4	0 32	5 57	1 24	2 20	1 12	6 15	0 53	21 51	1 30	2 37	0 48	2 4	1 6
T 21	10 32	10 51	2 20	3 51	0 48	6 25	1 23	2 6	1 12	6 11	0 53	21 51	1 30	2 37	0 48	2 5	1 6
W22	10 53	5 46	3 13	3 43	1 2	6 54	1 22	1 51	1 12	6 7	0 53	21 51	1 31	2 38	0 48	2 5	1 6
T 23	11 14	0 33	3 57	3 41	1 14	7 23	1 22	1 36	1 12	6 3	0 53	21 51	1 31	2 39	0 48	2 6	1 6
F 24	11 35	4s38	4 30	3 44	1 25	7 51	1 21	1 21	1 12	5 58	0 53	21 50	1 31	2 39	0 48	2 6	1 6
S 25	11 56	9 38	4 51	3 52	1 35	8 19	1 20	1 6	1 12	5 54	0 53	21 50	1 31	2 40	0 48	2 7	1 6
S 26	12 16	14 17	4 59	4 4	1 43	8 48	1 19	0 51	1 12	5 50	0 54	21 50	1 31	2 41	0 48	2 7	1 6
M27	12 36	18 24	4 54	4 21	1 50	9 15	1 18	0 36	1 12	5 46	0 54	21 50	1 31	2 41	0 48	2 8	1 6
T 28	12 56	21 47	4 37	4 41	1 55	9 43	1 16	0 21	1 12	5 42	0 54	21 50	1 31	2 42	0 48	2 8	1 6
W29	13 16	24 16	4 7	5 5	1 59	10 11	1 15	0 6	1 12	5 38	0 54	21 50	1 31	2 43	0 48	2 9	1 6
T 30	13 36	25 39	3 26	5 31	2 1	10 38	1 14	0s 8	1 12	5 34	0 54	21 50	1 31	2 43	0 48	2 9	1 6
F 31	13s55	25s50	2s34	6s 0	2n 3	11s 5	1n13	0s23	1n12	5n30	0n54	21n50	1s31	2s44	0s48	2s10	1s 6

Julian Day Number = 2699817.5, Delta T = 25m44s

Ecliptic obliquity = 23°21'09, Nutation = 0°00'14

Ayanamsha: Fagan/Bradley = 34°14'58, Lahiri = 33°21'58

## ASTRODIENST EPHEMERIS for the year 2679

NOVEMBER 2679

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 40 44	8♍22°01	7♋26	21♌42	3♍32	4♌24	18♎20	29°R39	24°R56	27°R 5	7♏26	25°R44	26♋32	24♌45	10♏59	S 1
S 2	2 44 41	9°21'40	20° 2	23°10	4°47	5° 1	18°30	29♐36	24♋54	27♋ 4	7°26	25♋42	26°29	24°52	11° 1	S 2
M 3	2 48 37	10°21'20	2♌56	24°40	6° 2	5°39	18°40	29°34	24°53	27° 3	7°26	25°D42	26°26	24°59	11° 3	M 3
T 4	2 52 34	11°21'02	16°11	26°13	7°17	6°16	18°51	29°32	24°51	27° 2	7°26	25°R42	26°23	25° 6	11° 5	T 4
W 5	2 56 30	12°20'46	29°51	27°48	8°32	6°53	19° 1	29°29	24°50	27° 1	7°26	25°41	26°20	25°12	11° 6	W 5
T 6	3 0 27	13°20'32	13♋58	29°23	9°47	7°31	19°11	29°27	24°49	27° 0	7°26	25°38	26°16	25°19	11° 8	T 6
F 7	3 4 23	14°20'19	28°32	1♍ 0	11° 2	8° 8	19°21	29°24	24°47	26°59	7°26	25°32	26°13	25°26	11°10	F 7
S 8	3 8 20	15°20'07	13♌28	2°38	12°17	8°46	19°30	29°21	24°46	26°58	7°R26	25°24	26°10	25°32	11°11	S 8
S 9	3 12 16	16°19'58	28°39	4°17	13°33	9°23	19°40	29°19	24°45	26°57	7°26	25°14	26° 7	25°39	11°12	S 9
M10	3 16 13	17°19'50	13♌55	5°55	14°48	10° 0	19°50	29°16	24°44	26°56	7°26	25° 4	26° 4	25°46	11°14	M10
T 11	3 20 10	18°19'44	29° 6	7°35	16° 3	10°37	19°59	29°13	24°43	26°55	7°26	24°54	26° 1	25°53	11°15	T 11
W12	3 24 6	19°19'40	13♐59	9°14	17°18	11°15	20° 9	29° 9	24°41	26°54	7°26	24°47	25°57	25°59	11°16	W12
T 13	3 28 3	20°19'39	28°29	10°53	18°33	11°52	20°18	29° 6	24°40	26°53	7°26	24°41	25°54	26° 6	11°17	T 13
F 14	3 31 59	21°19'39	12♌30	12°32	19°48	12°29	20°27	29° 3	24°39	26°52	7°26	24°39	25°51	26°13	11°17	F 14
S 15	3 35 56	22°19'41	26° 1	14°11	21° 4	13° 7	20°36	29° 0	24°38	26°52	7°26	24°D38	25°48	26°19	11°18	S 15
S 16	3 39 52	23°19'45	9♏ 5	15°50	22°19	13°44	20°45	28°56	24°38	26°51	7°25	24°39	25°45	26°26	11°19	S 16
M17	3 43 49	24°19'52	21°46	17°29	23°34	14°21	20°54	28°53	24°37	26°50	7°25	24°R39	25°41	26°33	11°19	M17
T 18	3 47 45	25°20'00	4♎ 6	19° 7	24°49	14°58	21° 3	28°49	24°36	26°50	7°25	24°39	25°38	26°40	11°20	T 18
W19	3 51 42	26°20'10	16°13	20°46	26° 5	15°35	21°11	28°45	24°35	26°49	7°25	24°37	25°35	26°46	11°20	W19
T 20	3 55 39	27°20'23	28°11	22°24	27°20	16°13	21°20	28°42	24°34	26°48	7°24	24°32	25°32	26°53	11°21	T 20
F 21	3 59 35	28°20'37	10♌ 3	24° 1	28°35	16°50	21°28	28°38	24°34	26°48	7°24	24°25	25°29	27° 0	11°21	F 21
S 22	4 3 32	29°20'53	21°54	25°38	29°51	17°27	21°36	28°34	24°33	26°47	7°24	24°16	25°26	27° 7	11°R21	S 22
S 23	4 7 28	0♌21°12	3♍46	27°15	1♌ 6	18° 4	21°44	28°30	24°32	26°47	7°23	24° 6	25°22	27°13	11°21	S 23
M24	4 11 25	1°21'32	15°43	28°52	2°21	18°41	21°52	28°26	24°32	26°46	7°23	23°55	25°19	27°20	11°21	M24
T 25	4 15 21	2°21'53	27°44	0♌28	3°36	19°18	22° 0	28°22	24°31	26°46	7°23	23°44	25°16	27°27	11°21	T 25
W26	4 19 18	3°22'17	9♌52	2° 4	4°52	19°55	22° 8	28°18	24°31	26°45	7°22	23°36	25°13	27°33	11°20	W26
T 27	4 23 14	4°22'42	22° 8	3°40	6° 7	20°32	22°15	28°13	24°31	26°45	7°22	23°29	25°10	27°40	11°20	T 27
F 28	4 27 11	5°23'08	4♋33	5°16	7°22	21° 9	22°23	28° 9	24°30	26°44	7°21	23°25	25° 7	27°47	11°19	F 28
S 29	4 31 8	6°23'36	17° 8	6°51	8°38	21°46	22°30	28° 5	24°30	26°44	7°21	23°23	25° 3	27°54	11°19	S 29
S 30	4 35 4	7♌24°06	29♋54	8♌26	9♌53	22♌23	22♎37	28♐ 0	24♋30	26♋44	7♏20	23°D23	25♋ 0	28♌ 0	11♏18	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14s15	24s44	1s35	6s31	2n 4	11s32	1n11	0s38	1n12	5n26	0n55	21n50	1s31	2s44	0s48	2s10	1s 6	20n17	2n 0	20s55	20s46	14s20	10n49	6s51			
S 2	14 34	22 22	0 30	7 3	2 3	11 58	1 10	0 53	1 12	5 22	0 55	21 50	1 31	2 45	0 48	2 10	1 6	20 17	2 0	20 56	20 47	14 23	10 48	6 52			
M 3	14 52	18 49	0n38	7 38	2 2	12 24	1 9	1 8	1 12	5 18	0 55	21 50	1 31	2 46	0 48	2 11	1 6	20 17	2 0	20 56	20 47	14 25	10 47	6 52			
T 4	15 11	14 14	1 46	8 13	2 0	12 50	1 7	1 22	1 12	5 15	0 55	21 50	1 31	2 46	0 48	2 11	1 6	20 17	2 0	20 56	20 48	14 28	10 45	6 53			
W 5	15 29	8 49	2 50	8 49	1 58	13 16	1 6	1 37	1 12	5 11	0 55	21 50	1 31	2 47	0 48	2 12	1 6	20 17	2 0	20 56	20 49	14 30	10 44	6 53			
T 6	15 47	2 48	3 46	9 26	1 55	13 41	1 4	1 52	1 12	5 7	0 55	21 50	1 31	2 47	0 48	2 12	1 6	20 17	2 0	20 56	20 49	14 33	10 43	6 54			
F 7	16 5	3n32	4 29	10 3	1 51	14 6	1 2	2 7	1 12	5 3	0 56	21 50	1 31	2 48	0 48	2 12	1 6	20 17	2 0	20 57	20 50	14 35	10 42	6 55			
S 8	16 22	9 50	4 56	10 40	1 47	14 30	1 1	2 21	1 12	5 0	0 56	21 50	1 32	2 48	0 48	2 13	1 6	20 17	2 1	20 59	20 50	14 38	10 41	6 55			
S 9	16 40	15 39	5 1	11 18	1 42	14 55	0 59	2 36	1 12	4 56	0 56	21 49	1 32	2 49	0 48	2 13	1 6	20 17	2 1	21 1	20 51	14 40	10 40	6 56			
M10	16 57	20 30	4 46	11 55	1 37	15 18	0 57	2 51	1 12	4 53	0 56	21 49	1 32	2 49	0 48	2 14	1 6	20 17	2 1	21 3	20 52	14 43	10 39	6 57			
T 11	17 13	23 57	4 11	12 33	1 32	15 42	0 55	3 5	1 12	4 49	0 56	21 49	1 32	2 49	0 48	2 14	1 6	20 18	2 1	21 4	20 52	14 45	10 39	6 57			
W12	17 30	25 41	3 18	13 10	1 26	16 5	0 53	3 20	1 12	4 46	0 57	21 49	1 32	2 50	0 48	2 14	1 6	20 18	2 1	21 6	20 53	14 48	10 38	6 58			
T 13	17 46	25 35	2 14	13 46	1 20	16 28	0 51	3 34	1 12	4 42	0 57	21 49	1 32	2 50	0 48	2 15	1 6	20 18	2 1	21 7	20 53	14 50	10 37	6 59			
F 14	18 2	23 50	1 4	14 22	1 14	16 50	0 50	3 49	1 12	4 39	0 57	21 49	1 32	2 51	0 48	2 15	1 6	20 18	2 1	21 7	20 54	14 53	10 36	6 59			
S 15	18 17	20 45	0s 7	14 58	1 8	17 12	0 48	4 3	1 12	4 35	0 57	21 49	1 32	2 51	0 47	2 15	1 6	20 18	2 1	21 7	20 55	14 55	10 35	7 0			
S 16	18 32	16 41	1 16	15 33	1 1	17 33	0 46	4 18	1 12	4 32	0 57	21 49	1 32	2 51	0 47	2 15	1 6	20 18	2 1	21 7	20 55	14 57	10 34	7 0			
M17	18 47	12 0	2 20	16 7	0 55	17 54	0 43	4 32	1 11	4 29	0 58	21 49	1 32	2 52	0 47	2 16	1 6	20 18	2 2	21 7	20 56	15 0	10 34	7 1			
T 18	19 2	6 57	3 15	16 40	0 48	18 14	0 41	4 47	1 11	4 25	0 58	21 49	1 32	2 52	0 47	2 16	1 6	20 19	2 2	21 7	20 56	15 2	10 33	7 2			
W19	19 16	1 44	4 0	17 13	0 41	18 34	0 39	5 1	1 11	4 22	0 58	21 49	1 32	2 52	0 47	2 16	1 6	20 19	2 2	21 7	20 57	15 5	10 32	7 2			
T 20	19 30	3s28	4 34	17 45	0 34	18 53	0 37	5 15	1 11	4 19	0 58	21 49	1 32	2 52	0 47	2 16	1 6	20 19	2 2	21 8	20 57	15 7	10 31	7 3			
F 21	19 43	8 30	4 55	18 16	0 28	19 12	0 35	5 30	1 11	4 16	0 58	21 49	1 32	2 53	0 47	2 17	1 6	20 19	2 2	21 9	20 58	15 10	10 31	7 4			
S 22	19 56	13 12	5 5	18 46	0 21	19 31	0 33	5 44	1 11	4 13	0 59	21 49	1 32	2 53	0 47	2 17	1 6	20 19	2 2	21 11	20 59	15 12	10 30	7 4			
S 23	20 9	17 26	5 1	19 15	0 14	19 48	0 31	5 58	1 11	4 10	0 59	21 49	1 32	2 53	0 47	2 17	1 6	20 20	2 2	21 13	20 59	15 14	10 30	7 5			
M24	20 21	21 0	4 43	19 43	0 7	20 6	0 28	6 12	1 11	4 7	0 59	21 49	1 32	2 53	0 47	2 17	1 6	20 20	2 2	21 15	21 0	15 17	10 29	7 6			
T 25	20 34	23 42	4 14	20 10	0 0	20 22	0 26	6 26	1 11	4 4	0 59	21 49	1 32	2 53	0 47	2 17	1 6	20 20	2 2	21 16	21 0	15 19	10 28	7 6			
W26	20 45	25 21	3 32	20 36	0s 7	20 38	0 24	6 40	1 11	4 1	0 59	21 49	1 32	2 53	0 47	2 17	1 6	20 20	2 3	21 18	21 1	15 22	10 28	7 7			
T 27	20 56	25 47	2 40	21 2	0 13	20 54	0 21	6 54	1 11	3 58	1 0	21 49	1 32	2 54	0 47	2 18	1 6	20 21	2 3	21 19	21 1	15 24	10 27	7 7			
F 28	21 7	24 56	1 40	21 26	0 20	21 9	0 19	7 8	1 10	3 56	1 0	21 49	1 32	2 54	0 47	2 18	1 6	20 21	2 3	21 20	21 2	15 27	10 27	7 8			
S 29	21 18	22 49	0 34	21 49	0 27	21 23	0 17	7 22	1 10	3 53	1 0	21 49	1 32	2 54	0 47	2 18	1 6	20 21	2 3	21 20	21 3	15 29	10 26	7 9			
S 30	21s28	19s31	0n35	22s11	0s33	21s37	0n14	7s36	1n10	3n50	1n 0	21n48	1s32	2s54	0s47	2s18	1s 5	20n21	2n 3	21s20	21s 3	15s31	10n26	7s			

## ASTRODIENST EPHEMERIS for the year 2679

DECEMBER 2679

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	4 39 1	8°24'36	12°55'	10°11'	11°18'	23°00'	22°44'	27°R56	24°R30	26°R44	7°R20	23°24	24°57	28°07	11°R17	M 1
T 2	4 42 57	9°25'08	26°13'	11°35'	12°24'	23°37'	22°51'	27°II51	24°R29	26°R43	7°R19	23°25	24°54	28°14	11°R16	T 2
W 3	4 46 54	10°25'41	9°49'	13°09'	13°39'	24°14'	22°58'	27°47'	24°29'	26°43'	7°18'	23°R26	24°51	28°21	11°15'	W 3
T 4	4 50 50	11°26'15	23°46'	14°43'	14°54'	24°51'	23°05'	27°42'	24°D29	26°43'	7°18'	23°25	24°47	28°27	11°14'	T 4
F 5	4 54 47	12°26'50	8°02'	16°17'	16°10'	25°28'	23°11'	27°37'	24°29'	26°43'	7°17'	23°23	24°44	28°34	11°13'	F 5
S 6	4 58 43	13°27'26	22°37'	17°51'	17°25'	26°05'	23°17'	27°33'	24°29'	26°43'	7°16'	23°18	24°41	28°41	11°12'	S 6
S 7	5 2 40	14°28'04	7°02'	19°25'	18°40'	26°41'	23°24'	27°28'	24°30'	26°43'	7°16'	23°13	24°38	28°47	11°11'	S 7
M 8	5 6 37	15°28'42	22°20'	20°58'	19°56'	27°18'	23°30'	27°23'	24°30'	26°D43	7°15'	23°07	24°35	28°54	11°09'	M 8
T 9	5 10 33	16°29'22	7°II13	22°32'	21°11'	27°55'	23°35'	27°19'	24°30'	26°43'	7°14'	23°01	24°32	29°01	11°08'	T 9
W10	5 14 30	17°30'03	21°56'	24°05'	22°26'	28°32'	23°41'	27°14'	24°30'	26°43'	7°14'	22°57	24°28	29°08	11°06'	W10
T 11	5 18 26	18°30'46	6°02'	25°39'	23°42'	29°09'	23°47'	27°09'	24°31'	26°43'	7°13'	22°54	24°25	29°14	11°04'	T 11
F 12	5 22 23	19°31'29	20°22'	27°12'	24°57'	29°45'	23°52'	27°04'	24°31'	26°43'	7°12'	22°D53	24°22	29°21	11°03'	F 12
S 13	5 26 19	20°32'14	3°02'	28°45'	26°13'	0°M22	23°57'	26°59'	24°31'	26°43'	7°11'	22°53	24°19	29°28	11°01'	S 13
S 14	5 30 16	21°33'01	17°07'	0°03'	27°28'	0°59'	24°02'	26°54'	24°32'	26°43'	7°10'	22°55	24°16	29°34	10°59'	S 14
M15	5 34 12	22°33'48	29°53'	1°51'	28°43'	1°35'	24°07'	26°49'	24°32'	26°43'	7°09'	22°56	24°13	29°41	10°57'	M15
T 16	5 38 09	23°34'37	12°19'	3°24'	29°59'	2°12'	24°12'	26°45'	24°33'	26°44'	7°09'	22°58	24°09	29°48	10°55'	T 16
W17	5 42 06	24°35'28	24°29'	4°57'	1°13'	2°49'	24°16'	26°40'	24°34'	26°44'	7°08'	22°R58	24°06	29°55	10°52'	W17
T 18	5 46 02	25°36'20	6°02'	6°29'	2°29'	3°25'	24°21'	26°35'	24°34'	26°44'	7°07'	22°58	24°03	0°M1	10°50'	T 18
F 19	5 49 59	26°37'12	18°22'	8°02'	3°45'	4°02'	24°25'	26°30'	24°35'	26°45'	7°06'	22°56	24°00	0°08	10°48'	F 19
S 20	5 53 55	27°38'07	0°M13	9°35'	5°00'	4°38'	24°29'	26°25'	24°36'	26°45'	7°05'	22°53	23°57	0°15	10°45'	S 20
S 21	5 57 52	28°39'02	12°07'	11°07'	6°16'	5°15'	24°33'	26°20'	24°37'	26°45'	7°04'	22°49	23°53	0°22	10°43'	S 21
M22	6 1 48	29°39'59	24°07'	12°39'	7°31'	5°51'	24°37'	26°15'	24°38'	26°46'	7°03'	22°45	23°50	0°28	10°40'	M22
T 23	6 5 45	0°03'40	5°56'	14°11'	8°46'	6°28'	24°40'	26°10'	24°39'	26°46'	7°02'	22°41	23°47	0°35	10°37'	T 23
W24	6 9 42	1°41'55	18°34'	15°43'	10°02'	7°04'	24°43'	26°05'	24°40'	26°47'	7°01'	22°38	23°44	0°42	10°35'	W24
T 25	6 13 38	2°42'55	1°03'	17°14'	11°17'	7°41'	24°47'	26°00'	24°41'	26°47'	7°00'	22°35	23°41	0°48	10°32'	T 25
F 26	6 17 35	3°43'55	13°47'	18°46'	12°32'	8°17'	24°50'	25°55'	24°42'	26°48'	6°59'	22°34	23°38	0°55	10°29'	F 26
S 27	6 21 31	4°44'56	26°43'	20°16'	13°48'	8°53'	24°52'	25°51'	24°43'	26°49'	6°58'	22°D34	23°34	1°02	10°26'	S 27
S 28	6 25 28	5°45'58	9°01'	21°46'	15°03'	9°30'	24°55'	25°46'	24°44'	26°49'	6°57'	22°34	23°31	1°09	10°23'	S 28
M29	6 29 24	6°47'00	23°11'	23°15'	16°19'	10°06'	24°57'	25°41'	24°45'	26°50'	6°56'	22°36	23°28	1°15	10°20'	M29
T 30	6 33 21	7°48'02	6°44'	24°44'	17°34'	10°42'	25°00'	25°36'	24°47'	26°51'	6°54'	22°37	23°25	1°22	10°16'	T 30
W31	6 37 17	8°49'05	20°30'	26°03'	18°04'	11°M18	25°M2	25°II31	24°48'	26°51'	6°53'	22°38	23°22	1°M29	10°13'	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	21s38	15s13	1n44	22s31	0s40	21s50	0n12	7s49	1n10	3n48	1n1	21n48	1s32	2s54	0s47	M 1
T 2	21 47	10 6	2 48	22 51	0 46	22 2	0 10	8 3	1 10	3 45	1 1	21 48	1 32	2 54	0 47	T 2
W 3	21 56	4 23	3 45	23 9	0 52	22 14	0 7	8 17	1 10	3 43	1 1	21 48	1 32	2 54	0 47	W 3
T 4	22 4	1n40	4 30	23 27	0 58	22 25	0 5	8 30	1 10	3 41	1 1	21 48	1 32	2 54	0 47	T 4
F 5	22 12	7 45	4 59	23 43	1 4	22 36	0 2	8 44	1 10	3 38	1 1	21 48	1 32	2 54	0 47	F 5
S 6	22 20	13 34	5 10	23 58	1 10	22 46	0 0	8 57	1 9	3 36	1 2	21 48	1 32	2 54	0 47	S 6
S 7	22 27	18 40	5 0	24 11	1 16	22 55	0s 2	9 11	1 9	3 34	1 2	21 48	1 31	2 54	0 47	S 7
M 8	22 34	22 39	4 31	24 24	1 21	23 3	0 5	9 24	1 9	3 32	1 2	21 48	1 31	2 54	0 47	M 8
T 9	22 40	25 6	3 43	24 35	1 26	23 11	0 7	9 37	1 9	3 30	1 2	21 48	1 31	2 53	0 47	T 9
W10	22 46	25 47	2 41	24 45	1 31	23 18	0 10	9 50	1 9	3 27	1 3	21 48	1 31	2 53	0 46	W10
T 11	22 51	24 41	1 29	24 53	1 36	23 24	0 12	10 4	1 9	3 26	1 3	21 48	1 31	2 53	0 46	T 11
F 12	22 56	22 3	0 14	25 0	1 41	23 30	0 14	10 17	1 8	3 24	1 3	21 48	1 31	2 53	0 46	F 12
S 13	23 1	18 13	1s 0	25 6	1 46	23 35	0 17	10 30	1 8	3 22	1 3	21 48	1 31	2 53	0 46	S 13
S 14	23 5	13 36	2 9	25 11	1 50	23 39	0 19	10 42	1 8	3 20	1 4	21 48	1 31	2 52	0 46	S 14
M15	23 9	8 31	3 9	25 14	1 54	23 42	0 22	10 55	1 8	3 18	1 4	21 48	1 31	2 52	0 46	M15
T 16	23 12	3 14	3 58	25 16	1 57	23 45	0 24	11 8	1 8	3 17	1 4	21 48	1 31	2 52	0 46	T 16
W17	23 15	2s 2	4 36	25 16	2 1	23 47	0 26	11 21	1 8	3 15	1 4	21 48	1 31	2 52	0 46	W17
T 18	23 17	7 10	5 1	25 16	2 4	23 48	0 29	11 33	1 7	3 14	1 5	21 48	1 31	2 51	0 46	T 18
F 19	23 19	11 59	5 12	25 13	2 7	23 49	0 31	11 46	1 7	3 12	1 5	21 48	1 31	2 51	0 46	F 19
S 20	23 20	16 21	5 11	25 10	2 9	23 49	0 33	11 58	1 7	3 11	1 5	21 48	1 31	2 51	0 46	S 20
S 21	23 21	20 7	4 56	25 5	2 12	23 48	0 35	12 10	1 7	3 10	1 5	21 48	1 30	2 50	0 46	S 21
M22	23 21	23 4	4 28	24 58	2 13	23 46	0 38	12 23	1 7	3 8	1 6	21 48	1 30	2 50	0 46	M22
T 23	23 21	25 1	3 48	24 50	2 15	23 44	0 40	12 35	1 6	3 7	1 6	21 48	1 30	2 49	0 46	T 23
W24	23 20	25 47	2 56	24 41	2 16	23 40	0 42	12 47	1 6	3 6	1 6	21 48	1 30	2 49	0 46	W24
T 25	23 19	25 17	1 56	24 30	2 16	23 37	0 44	12 59	1 6	3 5	1 6	21 47	1 30	2 49	0 46	T 25
F 26	23 18	23 26	0 48	24 18	2 17	23 32	0 46	13 11	1 6	3 4	1 7	21 47	1 30	2 48	0 46	F 26
S 27	23 16	20 22	0n23	24 4	2 16	23 27	0 48	13 22	1 6	3 3	1 7	21 47	1 30	2 48	0 46	S 27
S 28	23 14	16 12	1 34	23 50	2 15	23 21	0 50	13 34	1 5	3 3	1 7	21 47	1 30	2 47	0 46	S 28
M29	23 11	11 12	2 41	23 33	2 14	23 14	0 53	13 46	1 5	3 2	1 8	21 47	1 30	2 47	0 46	M29
T 30	23 7	5 35	3 41	23 16	2 12	23 6	0 55	13 57	1 5	3 1	1 8	21 47	1 29	2 46	0 46	T 30
W31	23s 4	0n22	4n28	22s57	2s 9	22s58	0s56	14s 9	1n 5	3n 1	1n 8	21n47	1s29	2s46	0s46	W31

Julian Day Number = 2699878.5, Delta T = 25m44s

Ecliptic obliquity = 23°21'07, Nutation = 0°00'15

Ayanamsha: Fagan/Bradley = 34°15'06, Lahiri = 33°22'06

## ASTRODIENST EPHEMERIS for the year 2680

JANUARY 2680

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 41 14	9°50'08	4°27	27°37	20°35	11°55	25°27	25°R27	24°49	26°52	6°52	22°R39	23°19	1°36	10°R10	T 1
F 2	6 45 11	10°51'11	18°34	29° 1	21°20	12°31	25° 5	25°II22	24°51	26°53	6°51	22°39	23°15	1°42	10°R 6	F 2
S 3	6 49 7	11°52'15	2°51	0°24	22°35	13° 7	25° 7	25°17	24°52	26°54	6°50	22°38	23°12	1°49	10° 3	S 3
S 4	6 53 4	12°53'19	17°14	1°44	23°51	13°43	25° 8	25°13	24°54	26°55	6°49	22°37	23° 9	1°56	9°59	S 4
M 5	6 57 0	13°54'23	1°14	3° 2	25° 6	14°19	25° 9	25° 8	24°55	26°56	6°47	22°36	23° 6	2° 2	9°56	M 5
T 6	7 0 57	14°55'27	16° 4	4°17	26°21	14°55	25°10	25° 4	24°57	26°57	6°46	22°35	23° 3	2° 9	9°52	T 6
W 7	7 4 53	15°56'31	0°20	5°29	27°37	15°31	25°11	24°59	24°59	26°58	6°45	22°34	22°59	2°16	9°49	W 7
T 8	7 8 50	16°57'36	14°24	6°36	28°52	16° 7	25°11	24°55	25° 0	26°59	6°44	22°34	22°56	2°23	9°45	T 8
F 9	7 12 46	17°58'41	28°12	7°38	0°24	16°43	25°11	24°51	25° 2	27° 0	6°43	22°D34	22°53	2°29	9°41	F 9
S 10	7 16 43	18°59'46	11°40	8°35	1°23	17°19	25°R12	24°46	25° 4	27° 1	6°41	22°34	22°50	2°36	9°37	S 10
S 11	7 20 40	20° 0'51	24°48	9°26	2°38	17°55	25°12	24°42	25° 6	27° 2	6°40	22°34	22°47	2°43	9°33	S 11
M12	7 24 36	21° 1'57	7°36	10°10	3°53	18°30	25°11	24°38	25° 8	27° 3	6°39	22°34	22°44	2°49	9°29	M12
T 13	7 28 33	22° 3'03	20° 5	10°45	5° 9	19° 6	25°11	24°34	25° 9	27° 4	6°38	22°35	22°40	2°56	9°25	T 13
W14	7 32 29	23° 4'09	2°19	11°12	6°24	19°42	25°10	24°30	25°11	27° 6	6°36	22°R35	22°37	3° 3	9°21	W14
T 15	7 36 26	24° 5'16	14°21	11°29	7°39	20°17	25° 9	24°26	25°13	27° 7	6°35	22°35	22°34	3°10	9°17	T 15
F 16	7 40 22	25° 6'23	26°16	11°R35	8°55	20°53	25° 8	24°22	25°15	27° 8	6°34	22°D34	22°31	3°16	9°13	F 16
S 17	7 44 19	26° 7'30	8°18	11°30	10°10	21°29	25° 7	24°18	25°18	27° 9	6°33	22°35	22°28	3°23	9° 9	S 17
S 18	7 48 15	27° 8'38	20° 2	11°13	11°25	22° 4	25° 6	24°15	25°20	27°11	6°31	22°35	22°25	3°30	9° 5	S 18
M19	7 52 12	28° 9'45	2°17	10°44	12°40	22°40	25° 4	24°11	25°22	27°12	6°30	22°35	22°21	3°37	9° 1	M19
T 20	7 56 9	29°10'53	14°15	10° 4	13°56	23°15	25° 2	24° 7	25°24	27°13	6°29	22°36	22°18	3°43	8°57	T 20
W21	8 0 5	0°22'01	26°41	9°13	15°11	23°51	25° 0	24° 4	25°26	27°15	6°27	22°37	22°15	3°50	8°53	W21
T 22	8 4 2	1°13'09	9°23	8°12	16°26	24°26	24°58	24° 0	25°29	27°16	6°26	22°37	22°12	3°57	8°48	T 22
F 23	8 7 58	2°14'17	22°23	7° 3	17°41	25° 1	24°56	23°57	25°31	27°18	6°25	22°R38	22° 9	4° 3	8°44	F 23
S 24	8 11 55	3°15'24	5°41	5°48	18°57	25°37	24°53	23°54	25°33	27°19	6°23	22°37	22° 5	4°10	8°40	S 24
S 25	8 15 51	4°16'31	19°16	4°30	20°12	26°12	24°50	23°51	25°36	27°21	6°22	22°37	22° 2	4°17	8°36	S 25
M26	8 19 48	5°17'38	3°18	3°11	21°27	26°47	24°47	23°48	25°38	27°22	6°21	22°35	21°59	4°24	8°31	M26
T 27	8 23 44	6°18'44	17° 5	1°53	22°42	27°22	24°44	23°45	25°41	27°24	6°19	22°33	21°56	4°30	8°27	T 27
W28	8 27 41	7°19'49	1°12	0°39	23°57	27°57	24°41	23°42	25°43	27°25	6°18	22°31	21°53	4°37	8°23	W28
T 29	8 31 38	8°20'54	15°24	29°30	25°12	28°32	24°37	23°39	25°46	27°27	6°17	22°30	21°50	4°44	8°18	T 29
F 30	8 35 34	9°21'58	29°37	28°29	26°28	29° 7	24°34	23°36	25°48	27°29	6°15	22°29	21°46	4°50	8°14	F 30
S 31	8 39 31	10°23'01	13°49	27°36	27°43	29°42	24°30	23°34	25°51	27°30	6°14	22°D29	21°43	4°57	8°10	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	22s59	6n22	5n 1	22s37	2s 6	22s49	0s58	14s20	1n 4	3n 0	1n 8	21n47	1s29	2s45	0s46	T 1
F 2	22 55	12 7	5 16	22 16	2 2	22 40	1 0	14 31	1 4	3 0	1 9	21 47	1 29	2 44	0 46	F 2
S 3	22 49	17 17	5 11	21 54	1 57	22 29	1 2	14 42	1 4	2 59	1 9	21 47	1 29	2 44	0 46	S 3
S 4	22 44	21 31	4 48	21 31	1 52	22 18	1 4	14 53	1 3	2 59	1 9	21 47	1 29	2 43	0 45	S 4
M 5	22 38	24 26	4 6	21 7	1 45	22 7	1 6	15 4	1 3	2 59	1 9	21 47	1 29	2 42	0 45	M 5
T 6	22 31	25 45	3 9	20 42	1 38	21 54	1 7	15 15	1 3	2 59	1 10	21 47	1 28	2 42	0 45	T 6
W 7	22 24	25 21	2 0	20 17	1 30	21 41	1 9	15 26	1 3	2 59	1 10	21 47	1 28	2 41	0 45	W 7
T 8	22 17	23 19	0 45	19 51	1 20	21 28	1 11	15 36	1 2	2 59	1 10	21 47	1 28	2 40	0 45	T 8
F 9	22 9	19 56	0s31	19 25	1 10	21 14	1 12	15 47	1 2	2 59	1 10	21 47	1 28	2 40	0 45	F 9
S 10	22 1	15 33	1 44	19 0	0 59	20 59	1 14	15 57	1 2	2 59	1 11	21 47	1 28	2 39	0 45	S 10
S 11	21 52	10 32	2 50	18 34	0 46	20 43	1 15	16 7	1 1	2 59	1 11	21 47	1 28	2 38	0 45	S 11
M12	21 43	5 12	3 45	18 9	0 33	20 27	1 17	16 17	1 1	3 0	1 11	21 47	1 27	2 37	0 45	M12
T 13	21 33	0s12	4 28	17 46	0 18	20 10	1 18	16 28	1 1	3 0	1 12	21 47	1 27	2 37	0 45	T 13
W14	21 23	5 28	4 58	17 23	0 2	19 53	1 19	16 37	1 0	3 1	1 12	21 47	1 27	2 36	0 45	W14
T 15	21 13	10 28	5 14	17 3	0n14	19 35	1 21	16 47	1 0	3 1	1 12	21 47	1 27	2 35	0 45	T 15
F 16	21 2	15 1	5 16	16 44	0 32	19 17	1 22	16 57	1 0	3 2	1 12	21 47	1 27	2 34	0 45	F 16
S 17	20 51	18 59	5 6	16 28	0 50	18 58	1 23	17 7	0 59	3 3	1 13	21 47	1 27	2 33	0 45	S 17
S 18	20 39	22 12	4 42	16 15	1 9	18 38	1 24	17 16	0 59	3 4	1 13	21 47	1 26	2 32	0 45	S 18
M19	20 27	24 30	4 5	16 4	1 28	18 18	1 25	17 25	0 59	3 4	1 13	21 47	1 26	2 31	0 45	M19
T 20	20 15	25 41	3 17	15 57	1 47	17 58	1 26	17 35	0 58	3 5	1 13	21 47	1 26	2 31	0 45	T 20
W21	20 2	25 38	2 19	15 52	2 5	17 37	1 27	17 44	0 58	3 6	1 14	21 47	1 26	2 30	0 45	W21
T 22	19 49	24 14	1 13	15 51	2 22	17 15	1 28	17 53	0 58	3 8	1 14	21 47	1 26	2 29	0 45	T 22
F 23	19 35	21 31	0 1	15 53	2 38	16 53	1 29	18 2	0 57	3 9	1 14	21 47	1 25	2 28	0 45	F 23
S 24	19 21	17 37	1n12	15 58	2 52	16 30	1 29	18 10	0 57	3 10	1 14	21 48	1 25	2 27	0 45	S 24
S 25	19 7	12 44	2 22	16 5	3 4	16 7	1 30	18 19	0 56	3 11	1 15	21 48	1 25	2 26	0 45	S 25
M26	18 53	7 9	3 25	16 14	3 14	15 44	1 31	18 28	0 56	3 13	1 15	21 48	1 25	2 25	0 45	M26
T 27	18 38	1 8	4 17	16 24	3 21	15 20	1 31	18 36	0 56	3 14	1 15	21 48	1 25	2 24	0 45	T 27
W28	18 22	4n59	4 54	16 36	3 26	14 56	1 31	18 44	0 55	3 16	1 16	21 48	1 24	2 23	0 45	W28
T 29	18 7	10 52	5 13	16 48	3 28	14 31	1 32	18 52	0 55	3 17	1 16	21 48	1 24	2 22	0 45	T 29
F 30	17 51	16 11	5 13	17 0	3 27	14 6	1 32	19 0	0 54	3 19	1 16	21 48	1 24	2 21	0 45	F 30
S 31	17s34	20n36	4n54	17s13	3n25	13s40	1s32	19s 8	0n54	3n21	1n16	21n48	1s24	2s20	0s45	S 31

Julian Day Number = 2699909.5, Delta T = 25m45s

Ecliptic obliquity = 23°21'07, Nutation = 0°00'16

Ayanamsha: Fagan/Bradley = 34°15'11, Lahiri = 33°22'11

## ASTRODIENST EPHEMERIS for the year 2680

FEBRUARY 2680

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 43 27	11°24'03"	27°56'	26°R52	28°58'	0°17'	24°R26	23°R31	25°54'	27°32'	6°R13	22°29'	21°340	5°M 4	8°R 6	S 1
M 2	8 47 24	12°25'04"	11°58'	26°317	0°13'	0°52'	24°M22	23°II29	25°56'	27°34'	6°R12	22°30'	21°37	5°11'	8°R 1	M 2
T 3	8 51 20	13°26'05"	25°53'	25°52'	1°28'	1°26'	24°17'	23°27'	25°59'	27°36'	6°10'	22°32'	21°34	5°17'	7°57'	T 3
W 4	8 55 17	14°27'05"	9°540	25°35'	2°43'	2° 1'	24°13'	23°24'	26° 2'	27°37'	6° 9'	22°33'	21°31	5°24'	7°53'	W 4
T 5	8 59 14	15°28'03"	23°16'	25°D27	3°58'	2°36'	24° 8'	23°22'	26° 5'	27°39'	6° 8'	22°R34	21°27	5°31'	7°48'	T 5
F 6	9 3 10	16°29'01"	6°R39	25°28'	5°13'	3°10'	24° 3'	23°20'	26° 7'	27°41'	6° 6'	22°33'	21°24	5°37'	7°44'	F 6
S 7	9 7 7	17°29'58"	19°50'	25°36'	6°28'	3°45'	23°58'	23°18'	26°10'	27°43'	6° 5'	22°31'	21°21	5°44'	7°40'	S 7
S 8	9 11 3	18°30'54"	2°M46	25°51'	7°43'	4°19'	23°53'	23°17'	26°13'	27°45'	6° 4'	22°28'	21°18	5°51'	7°36'	S 8
M 9	9 15 0	19°31'50"	15°26'	26°13'	8°58'	4°53'	23°48'	23°15'	26°16'	27°46'	6° 2'	22°23'	21°15	5°58'	7°32'	M 9
T 10	9 18 56	20°32'44"	27°53'	26°41'	10°13'	5°28'	23°42'	23°13'	26°19'	27°48'	6° 1'	22°18'	21°11	6° 4'	7°27'	T 10
W 11	9 22 53	21°33'38"	10°A 6	27°15'	11°28'	6° 2'	23°37'	23°12'	26°22'	27°50'	6° 0'	22°13'	21° 8	6°11'	7°23'	W 11
T 12	9 26 49	22°34'31"	22° 8	27°53'	12°43'	6°36'	23°31'	23°11'	26°25'	27°52'	5°59'	22° 9	21° 5	6°18'	7°19'	T 12
F 13	9 30 46	23°35'23"	4°M 3	28°36'	13°57'	7°10'	23°25'	23° 9	26°28'	27°54'	5°57'	22° 6	21° 2	6°25'	7°15'	F 13
S 14	9 34 42	24°36'15"	15°55'	29°23'	15°12'	7°44'	23°19'	23° 8	26°31'	27°56'	5°56'	22° 4	20°59	6°31'	7°11'	S 14
S 15	9 38 39	25°37'06"	27°48'	0°M14	16°27'	8°18'	23°13'	23° 7	26°34'	27°58'	5°55'	22°D 3	20°56	6°38'	7° 7	S 15
M 16	9 42 36	26°37'56"	9°M48	1° 8	17°42'	8°52'	23° 7	23° 6	26°37'	28° 0'	5°54'	22° 4	20°52	6°45'	7° 3	M 16
T 17	9 46 32	27°38'45"	21°58'	2° 6	18°57'	9°26'	23° 0	23° 6	26°40'	28° 2'	5°52'	22° 6	20°49	6°51'	6°59'	T 17
W 18	9 50 29	28°39'33"	4°B25	3° 6	20°11'	10° 0	22°54'	23° 5	26°43'	28° 4'	5°51'	22° 7	20°46	6°58'	6°55'	W 18
T 19	9 54 25	29°40'21"	17°12'	4° 9	21°26'	10°33'	22°47'	23° 4	26°46'	28° 6'	5°50'	22°R 8	20°43	7° 5	6°51'	T 19
F 20	9 58 22	0°M41'07"	0°M21	5°14'	22°41'	11° 7	22°40'	23° 4	26°49'	28° 8'	5°49'	22° 8	20°40	7°12'	6°48'	F 20
S 21	10 2 18	1°41'53"	13°55'	6°22'	23°55'	11°40'	22°33'	23° 4	26°53'	28°10'	5°48'	22° 6	20°37	7°18'	6°44'	S 21
S 22	10 6 15	2°42'37"	27°51'	7°32'	25°10'	12°14'	22°26'	23° 3	26°56'	28°12'	5°47'	22° 2	20°33	7°25'	6°40'	S 22
M 23	10 10 11	3°43'20"	12°M 7	8°43'	26°24'	12°47'	22°19'	23°D 3	26°59'	28°15'	5°45'	21°57	20°30	7°32'	6°37'	M 23
T 24	10 14 8	4°44'01"	26°37'	9°57'	27°39'	13°20'	22°12'	23° 3	27° 2	28°17'	5°44'	21°50	20°27	7°38'	6°33'	T 24
W 25	10 18 5	5°44'41"	11°M14	11°12'	28°54'	13°53'	22° 5	23° 3	27° 5	28°19'	5°43'	21°43	20°24	7°45'	6°29'	W 25
T 26	10 22 1	6°45'20"	25°52'	12°28'	0°M 8	14°26'	21°58'	23° 4	27° 9	28°21'	5°42'	21°36	20°21	7°52'	6°26'	T 26
F 27	10 25 58	7°45'57"	10°B24	13°46'	1°23'	14°59'	21°50'	23° 4	27°12'	28°23'	5°41'	21°31	20°17	7°59'	6°23'	F 27
S 28	10 29 54	8°46'32"	24°44'	15° 6	2°37'	15°32'	21°43'	23° 4	27°15'	28°25'	5°40'	21°28	20°14	8° 5	6°19'	S 28
S 29	10 33 51	9°M47'05"	8°M51	16°M27	3°M51	16°M 5	21°M35	23°M 5	27°M19	28°M27	5°M39	21°D27	20°B11	8°M12	6°M16	S 29

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	lat
S 1	17s18	23n48	4n17	17s26	3n20	13s14	1s33	19s16	0n53	3n23	1n17	21n48	1s24	2s18	0s45	1s57	1s 4	20n44	2n 9	21s29
M 2	17 1 25 32	3 25	17 38	3 14	12 48	1 33	19 24	0 53	3 24	1 17	21 48	1 23	2 17	0 45	1 56	1 4	20 44	2 9	21 29	21 37
T 3	16 4 17 25 39	2 22	17 50	3 7	12 22	1 33	19 31	0 52	3 26	1 17	21 48	1 23	2 16	0 44	1 57	1 4	20 45	2 9	21 29	21 38
W 4	16 26 24 10	1 10	18 1	2 59	11 55	1 33	19 38	0 52	3 28	1 17	21 48	1 23	2 15	0 44	1 55	1 4	20 45	2 9	21 28	21 38
T 5	16 8 21 18	0s 4	18 12	2 49	11 27	1 33	19 46	0 51	3 30	1 17	21 49	1 23	2 14	0 44	1 54	1 4	20 45	2 9	21 28	21 39
F 6	15 50 17 18	1 17	18 21	2 40	11 0	1 33	19 53	0 51	3 33	1 18	21 49	1 23	2 13	0 44	1 54	1 4	20 46	2 9	21 28	21 39
S 7	15 32 12 32	2 24	18 30	2 29	10 32	1 32	20 0	0 50	3 35	1 18	21 49	1 22	2 12	0 44	1 53	1 4	20 46	2 9	21 29	21 40
S 8	15 13 7 18	3 23	18 38	2 18	10 4	1 32	20 7	0 50	3 37	1 18	21 49	1 22	2 11	0 44	1 52	1 4	20 47	2 9	21 29	21 40
M 9	14 54 1 52	4 10	18 45	2 7	9 36	1 32	20 14	0 49	3 39	1 18	21 49	1 22	2 9	0 44	1 51	1 4	20 47	2 9	21 30	21 41
T 10	14 35 3s31	4 45	18 50	1 56	9 7	1 31	20 20	0 49	3 42	1 19	21 49	1 22	2 8	0 44	1 51	1 4	20 47	2 9	21 31	21 41
W 11	14 16 8 40	5 5	18 55	1 45	8 38	1 31	20 27	0 48	3 44	1 19	21 49	1 21	2 7	0 44	1 50	1 4	20 48	2 9	21 32	21 42
T 12	13 56 13 25	5 12	18 59	1 44	8 9	1 30	20 33	0 48	3 46	1 19	21 49	1 21	2 6	0 44	1 49	1 4	20 48	2 9	21 32	21 42
F 13	13 36 17 37	5 6	19 1	1 23	7 40	1 29	20 39	0 47	3 49	1 19	21 50	1 21	2 5	0 44	1 48	1 4	20 48	2 10	21 33	21 43
S 14	13 16 21 6	4 46	19 2	1 12	7 10	1 29	20 45	0 47	3 52	1 19	21 50	1 21	2 3	0 44	1 48	1 4	20 49	2 10	21 33	21 43
S 15	12 56 23 43	4 14	19 2	1 1	6 41	1 28	20 51	0 46	3 54	1 20	21 50	1 21	2 2	0 44	1 47	1 4	20 49	2 10	21 33	21 44
M 16	12 36 25 18	3 30	19 1	0 50	6 11	1 27	20 57	0 45	3 57	1 20	21 50	1 20	2 1	0 44	1 46	1 4	20 49	2 10	21 33	21 44
T 17	12 15 25 43	2 37	18 59	0 40	5 41	1 26	21 3	0 45	4 0	1 20	21 50	1 20	2 0	0 44	1 45	1 4	20 50	2 10	21 33	21 45
W 18	11 54 24 52	1 35	18 55	0 29	5 11	1 25	21 8	0 44	4 2	1 20	21 51	1 20	1 59	0 44	1 44	1 4	20 50	2 10	21 33	21 45
T 19	11 33 22 42	0 27	18 50	0 19	4 40	1 24	21 14	0 43	4 5	1 20	21 51	1 20	1 57	0 44	1 43	1 4	20 50	2 10	21 32	21 46
F 20	11 11 19 17	0n45	18 44	0 10	4 10	1 23	21 19	0 43	4 8	1 20	21 51	1 19	1 56	0 44	1 43	1 4	20 51	2 10	21 32	21 46
S 21	10 50 14 45	1 55	18 37	0 0	3 39	1 22	21 24	0 42	4 11	1 21	21 51	1 19	1 55	0 44	1 42	1 4	20 51	2 10	21 33	21 47
S 22	10 28 9 20	3 1	18 28	0s 9	3 9	1 20	21 29	0 41	4 14	1 21	21 51	1 19	1 53	0 44	1 41	1 4	20 51	2 10	21 33	21 47
M 23	10 6 3 20	3 57	18 18	0 18	2 38	1 19	21 34	0 41	4 17	1 21	21 52	1 19	1 52	0 44	1 40	1 4	20 52	2 10	21 34	21 48
T 24	9 44 2n56	4 39	18 7	0 27	2 7	1 18	21 39	0 40	4 20	1 21	21 52	1 19	1 51	0 44	1 39	1 4	20 52	2 10	21 35	21 48
W 25	9 22 9 5	5 3	17 55	0 35	1 36	1 16	21 44	0 39	4 23	1 21	21 52	1 18	1 50	0 44	1 38	1 4	20 52	2 10	21 37	21 49
T 26	9 0 14 44	5 7	17 41	0 43	1 5	1 15	21 48	0 39	4 26	1 21	21 52	1 18	1 48	0 44	1 38	1 4	20 53	2 10	21 38	21 49
F 27	8 38 19 30	4 52	17 27	0 51	0 34	1 13	21 53	0 38	4 29	1 22	21 53	1 18	1 47	0 44	1 37	1 4	20 53	2 10	21 38	21 50
S 28	8 15 23 3	4 18	17 11	0 58	0 3	1 11	21 57	0 37	4 32	1 22	21 53	1 18	1 46	0 44	1 36	1 4	20 53	2 10	21 39	21 50
S 29	7s52	25n 8	3n29	16s53	1s 5	0n28	1s10	22s 1	0n36	4n35	1n22	21n53	1s17	1s44	0s44	1s35	1s 4	20n54	2n10	21s39

Julian Day Number = 2699940.5, Delta T = 25m45s  
Ecliptic obliquity = 23°21'07", Nutation = 0°00'17"  
Ayanamsha: Fagan/Bradley = 34°15'15", Lahiri = 33°22'15"

## ASTRODIENST EPHEMERIS for the year 2680

MARCH 2680

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	10 37 47	10 <sup>h</sup> 47'37"	22 <sup>h</sup> 43'	17 <sup>h</sup> 49'	5 <sup>h</sup> 6'	16 <sup>h</sup> 37'	21 <sup>h</sup> 28'	23 <sup>h</sup> 11'	27 <sup>h</sup> 22'	28 <sup>h</sup> 30'	5 <sup>h</sup> 38'	21 <sup>h</sup> 28'	20 <sup>h</sup> 08'	8 <sup>h</sup> 19'	6 <sup>h</sup> 13'	M 1
T 2	10 41 44	11 <sup>h</sup> 48'07"	6 <sup>h</sup> 20'	19 <sup>h</sup> 12'	6 <sup>h</sup> 20'	17 <sup>h</sup> 10'	21 <sup>h</sup> 20'	23 <sup>h</sup> 6'	27 <sup>h</sup> 25'	28 <sup>h</sup> 32'	5 <sup>h</sup> 37'	21 <sup>h</sup> 29'	20 <sup>h</sup> 5'	8 <sup>h</sup> 25'	6 <sup>h</sup> 9'	T 2
W 3	10 45 40	12 <sup>h</sup> 48'35"	19 <sup>h</sup> 44'	20 <sup>h</sup> 37'	7 <sup>h</sup> 34'	17 <sup>h</sup> 42'	21 <sup>h</sup> 12'	23 <sup>h</sup> 7'	27 <sup>h</sup> 29'	28 <sup>h</sup> 34'	5 <sup>h</sup> 36'	21 <sup>h</sup> 30'	20 <sup>h</sup> 2'	8 <sup>h</sup> 32'	6 <sup>h</sup> 6'	W 3
T 4	10 49 37	13 <sup>h</sup> 49'02"	2 <sup>h</sup> 55'	22 <sup>h</sup> 3'	8 <sup>h</sup> 48'	18 <sup>h</sup> 14'	21 <sup>h</sup> 4'	23 <sup>h</sup> 8'	27 <sup>h</sup> 32'	28 <sup>h</sup> 36'	5 <sup>h</sup> 35'	21 <sup>h</sup> 29'	19 <sup>h</sup> 58'	8 <sup>h</sup> 39'	6 <sup>h</sup> 3'	T 4
F 5	10 53 34	14 <sup>h</sup> 49'26"	15 <sup>h</sup> 55'	23 <sup>h</sup> 30'	10 <sup>h</sup> 3'	18 <sup>h</sup> 46'	20 <sup>h</sup> 57'	23 <sup>h</sup> 10'	27 <sup>h</sup> 35'	28 <sup>h</sup> 38'	5 <sup>h</sup> 34'	21 <sup>h</sup> 26'	19 <sup>h</sup> 55'	8 <sup>h</sup> 46'	6 <sup>h</sup> 0'	F 5
S 6	10 57 30	15 <sup>h</sup> 49'49"	28 <sup>h</sup> 43'	24 <sup>h</sup> 58'	11 <sup>h</sup> 17'	19 <sup>h</sup> 19'	20 <sup>h</sup> 49'	23 <sup>h</sup> 11'	27 <sup>h</sup> 39'	28 <sup>h</sup> 41'	5 <sup>h</sup> 33'	21 <sup>h</sup> 21'	19 <sup>h</sup> 52'	8 <sup>h</sup> 52'	5 <sup>h</sup> 58'	S 6
S 7	11 1 127	16 <sup>h</sup> 50'10"	11 <sup>h</sup> 21'	26 <sup>h</sup> 27'	12 <sup>h</sup> 31'	19 <sup>h</sup> 50'	20 <sup>h</sup> 41'	23 <sup>h</sup> 12'	27 <sup>h</sup> 42'	28 <sup>h</sup> 43'	5 <sup>h</sup> 32'	21 <sup>h</sup> 13'	19 <sup>h</sup> 49'	8 <sup>h</sup> 59'	5 <sup>h</sup> 55'	S 7
M 8	11 5 23	17 <sup>h</sup> 50'29"	23 <sup>h</sup> 49'	27 <sup>h</sup> 57'	13 <sup>h</sup> 45'	20 <sup>h</sup> 22'	20 <sup>h</sup> 33'	23 <sup>h</sup> 14'	27 <sup>h</sup> 45'	28 <sup>h</sup> 45'	5 <sup>h</sup> 31'	21 <sup>h</sup> 3'	19 <sup>h</sup> 46'	9 <sup>h</sup> 6'	5 <sup>h</sup> 52'	M 8
T 9	11 9 20	18 <sup>h</sup> 50'47"	6 <sup>h</sup> 6'	29 <sup>h</sup> 28'	14 <sup>h</sup> 59'	20 <sup>h</sup> 54'	20 <sup>h</sup> 25'	23 <sup>h</sup> 15'	27 <sup>h</sup> 49'	28 <sup>h</sup> 47'	5 <sup>h</sup> 30'	20 <sup>h</sup> 52'	19 <sup>h</sup> 42'	9 <sup>h</sup> 12'	5 <sup>h</sup> 49'	T 9
W10	11 13 16	19 <sup>h</sup> 51'03"	18 <sup>h</sup> 13'	1 <sup>h</sup> 0'	16 <sup>h</sup> 13'	21 <sup>h</sup> 26'	20 <sup>h</sup> 18'	23 <sup>h</sup> 17'	27 <sup>h</sup> 52'	28 <sup>h</sup> 50'	5 <sup>h</sup> 29'	20 <sup>h</sup> 41'	19 <sup>h</sup> 39'	9 <sup>h</sup> 19'	5 <sup>h</sup> 47'	W10
T 11	11 17 13	20 <sup>h</sup> 51'18"	0 <sup>h</sup> 13'	2 <sup>h</sup> 34'	17 <sup>h</sup> 27'	21 <sup>h</sup> 57'	20 <sup>h</sup> 10'	23 <sup>h</sup> 19'	27 <sup>h</sup> 56'	28 <sup>h</sup> 52'	5 <sup>h</sup> 28'	20 <sup>h</sup> 30'	19 <sup>h</sup> 36'	9 <sup>h</sup> 26'	5 <sup>h</sup> 44'	T 11
F 12	11 21 9	21 <sup>h</sup> 51'31"	12 <sup>h</sup> 7'	4 <sup>h</sup> 8'	18 <sup>h</sup> 41'	22 <sup>h</sup> 29'	20 <sup>h</sup> 2'	23 <sup>h</sup> 21'	27 <sup>h</sup> 59'	28 <sup>h</sup> 54'	5 <sup>h</sup> 27'	20 <sup>h</sup> 21'	19 <sup>h</sup> 33'	9 <sup>h</sup> 33'	5 <sup>h</sup> 42'	F 12
S 13	11 25 6	22 <sup>h</sup> 51'42"	23 <sup>h</sup> 57'	5 <sup>h</sup> 44'	19 <sup>h</sup> 55'	23 <sup>h</sup> 0'	19 <sup>h</sup> 54'	23 <sup>h</sup> 23'	28 <sup>h</sup> 3'	28 <sup>h</sup> 56'	5 <sup>h</sup> 26'	20 <sup>h</sup> 14'	19 <sup>h</sup> 30'	9 <sup>h</sup> 39'	5 <sup>h</sup> 39'	S 13
S 14	11 29 3	23 <sup>h</sup> 51'53"	5 <sup>h</sup> 49'	7 <sup>h</sup> 20'	21 <sup>h</sup> 8'	23 <sup>h</sup> 31'	19 <sup>h</sup> 46'	23 <sup>h</sup> 25'	28 <sup>h</sup> 6'	28 <sup>h</sup> 59'	5 <sup>h</sup> 26'	20 <sup>h</sup> 10'	19 <sup>h</sup> 27'	9 <sup>h</sup> 46'	5 <sup>h</sup> 37'	S 14
M15	11 32 59	24 <sup>h</sup> 52'01"	17 <sup>h</sup> 46'	8 <sup>h</sup> 58'	22 <sup>h</sup> 22'	24 <sup>h</sup> 2'	19 <sup>h</sup> 38'	23 <sup>h</sup> 27'	28 <sup>h</sup> 9'	29 <sup>h</sup> 1'	5 <sup>h</sup> 25'	20 <sup>h</sup> 8'	19 <sup>h</sup> 23'	9 <sup>h</sup> 53'	5 <sup>h</sup> 35'	M15
T 16	11 36 56	25 <sup>h</sup> 52'08"	29 <sup>h</sup> 53'	10 <sup>h</sup> 36'	23 <sup>h</sup> 36'	24 <sup>h</sup> 33'	19 <sup>h</sup> 31'	23 <sup>h</sup> 29'	28 <sup>h</sup> 13'	29 <sup>h</sup> 3'	5 <sup>h</sup> 24'	20 <sup>h</sup> 8'	19 <sup>h</sup> 20'	9 <sup>h</sup> 59'	5 <sup>h</sup> 33'	T 16
W17	11 40 52	26 <sup>h</sup> 52'14"	12 <sup>h</sup> 31'	12 <sup>h</sup> 16'	24 <sup>h</sup> 49'	25 <sup>h</sup> 3'	19 <sup>h</sup> 23'	23 <sup>h</sup> 32'	28 <sup>h</sup> 16'	29 <sup>h</sup> 6'	5 <sup>h</sup> 23'	20 <sup>h</sup> 8'	19 <sup>h</sup> 17'	10 <sup>h</sup> 6'	5 <sup>h</sup> 31'	W17
T 18	11 44 49	27 <sup>h</sup> 52'18"	25 <sup>h</sup> 0'	13 <sup>h</sup> 57'	26 <sup>h</sup> 3'	25 <sup>h</sup> 34'	19 <sup>h</sup> 15'	23 <sup>h</sup> 34'	28 <sup>h</sup> 20'	29 <sup>h</sup> 8'	5 <sup>h</sup> 23'	20 <sup>h</sup> 9'	19 <sup>h</sup> 14'	10 <sup>h</sup> 13'	5 <sup>h</sup> 29'	T 18
F 19	11 48 45	28 <sup>h</sup> 52'20"	8 <sup>h</sup> 10'	15 <sup>h</sup> 39'	27 <sup>h</sup> 17'	26 <sup>h</sup> 4'	19 <sup>h</sup> 7'	23 <sup>h</sup> 37'	28 <sup>h</sup> 23'	29 <sup>h</sup> 10'	5 <sup>h</sup> 22'	20 <sup>h</sup> 7'	19 <sup>h</sup> 11'	10 <sup>h</sup> 20'	5 <sup>h</sup> 27'	F 19
S 20	11 52 42	29 <sup>h</sup> 52'21"	21 <sup>h</sup> 47'	17 <sup>h</sup> 22'	28 <sup>h</sup> 30'	26 <sup>h</sup> 35'	19 <sup>h</sup> 0'	23 <sup>h</sup> 40'	28 <sup>h</sup> 27'	29 <sup>h</sup> 12'	5 <sup>h</sup> 21'	20 <sup>h</sup> 3'	19 <sup>h</sup> 8'	10 <sup>h</sup> 26'	5 <sup>h</sup> 26'	S 20
S 21	11 56 38	0 <sup>h</sup> 52'20"	5 <sup>h</sup> 52'	19 <sup>h</sup> 6'	29 <sup>h</sup> 44'	27 <sup>h</sup> 5'	18 <sup>h</sup> 52'	23 <sup>h</sup> 42'	28 <sup>h</sup> 30'	29 <sup>h</sup> 15'	5 <sup>h</sup> 21'	19 <sup>h</sup> 57'	19 <sup>h</sup> 4'	10 <sup>h</sup> 33'	5 <sup>h</sup> 24'	S 21
M22	12 0 35	1 <sup>h</sup> 52'18"	20 <sup>h</sup> 24'	20 <sup>h</sup> 52'	0 <sup>h</sup> 57'	27 <sup>h</sup> 35'	18 <sup>h</sup> 45'	23 <sup>h</sup> 45'	28 <sup>h</sup> 33'	29 <sup>h</sup> 17'	5 <sup>h</sup> 20'	19 <sup>h</sup> 48'	19 <sup>h</sup> 1'	10 <sup>h</sup> 40'	5 <sup>h</sup> 22'	M22
T 23	12 4 32	2 <sup>h</sup> 52'13"	5 <sup>h</sup> 51'	22 <sup>h</sup> 38'	2 <sup>h</sup> 10'	28 <sup>h</sup> 4'	18 <sup>h</sup> 37'	23 <sup>h</sup> 48'	28 <sup>h</sup> 37'	29 <sup>h</sup> 19'	5 <sup>h</sup> 19'	19 <sup>h</sup> 38'	18 <sup>h</sup> 58'	10 <sup>h</sup> 46'	5 <sup>h</sup> 21'	T 23
W24	12 8 28	3 <sup>h</sup> 52'07"	20 <sup>h</sup> 17'	24 <sup>h</sup> 26'	3 <sup>h</sup> 24'	28 <sup>h</sup> 34'	18 <sup>h</sup> 30'	23 <sup>h</sup> 52'	28 <sup>h</sup> 40'	29 <sup>h</sup> 21'	5 <sup>h</sup> 19'	19 <sup>h</sup> 27'	18 <sup>h</sup> 55'	10 <sup>h</sup> 53'	5 <sup>h</sup> 19'	W24
T 25	12 12 25	4 <sup>h</sup> 51'59"	5 <sup>h</sup> 8'	26 <sup>h</sup> 15'	4 <sup>h</sup> 37'	29 <sup>h</sup> 3'	18 <sup>h</sup> 22'	23 <sup>h</sup> 55'	28 <sup>h</sup> 44'	29 <sup>h</sup> 24'	5 <sup>h</sup> 18'	19 <sup>h</sup> 16'	18 <sup>h</sup> 52'	11 <sup>h</sup> 0'	5 <sup>h</sup> 18'	T 25
F 26	12 16 21	5 <sup>h</sup> 51'48"	20 <sup>h</sup> 16'	28 <sup>h</sup> 5'	5 <sup>h</sup> 50'	29 <sup>h</sup> 33'	18 <sup>h</sup> 15'	23 <sup>h</sup> 58'	28 <sup>h</sup> 47'	29 <sup>h</sup> 26'	5 <sup>h</sup> 17'	19 <sup>h</sup> 8'	18 <sup>h</sup> 48'	11 <sup>h</sup> 7'	5 <sup>h</sup> 17'	F 26
S 27	12 20 18	6 <sup>h</sup> 51'36"	4 <sup>h</sup> 55'	29 <sup>h</sup> 56'	7 <sup>h</sup> 3'	0 <sup>h</sup> 3'	18 <sup>h</sup> 8'	24 <sup>h</sup> 2'	28 <sup>h</sup> 51'	29 <sup>h</sup> 28'	5 <sup>h</sup> 17'	19 <sup>h</sup> 2'	18 <sup>h</sup> 45'	11 <sup>h</sup> 13'	5 <sup>h</sup> 16'	S 27
S 28	12 24 14	7 <sup>h</sup> 51'21"	19 <sup>h</sup> 14'	1 <sup>h</sup> 48'	8 <sup>h</sup> 16'	0 <sup>h</sup> 31'	18 <sup>h</sup> 1'	24 <sup>h</sup> 5'	28 <sup>h</sup> 54'	29 <sup>h</sup> 31'	5 <sup>h</sup> 16'	18 <sup>h</sup> 59'	18 <sup>h</sup> 42'	11 <sup>h</sup> 20'	5 <sup>h</sup> 15'	S 28
M29	12 28 11	8 <sup>h</sup> 51'04"	3 <sup>h</sup> 10'	3 <sup>h</sup> 42'	9 <sup>h</sup> 29'	0 <sup>h</sup> 59'	17 <sup>h</sup> 54'	24 <sup>h</sup> 9'	28 <sup>h</sup> 57'	29 <sup>h</sup> 33'	5 <sup>h</sup> 16'	18 <sup>h</sup> 58'	18 <sup>h</sup> 39'	11 <sup>h</sup> 27'	5 <sup>h</sup> 14'	M29
T 30	12 32 7	9 <sup>h</sup> 50'45"	16 <sup>h</sup> 43'	5 <sup>h</sup> 37'	10 <sup>h</sup> 42'	1 <sup>h</sup> 28'	17 <sup>h</sup> 47'	24 <sup>h</sup> 13'	29 <sup>h</sup> 1'	29 <sup>h</sup> 35'	5 <sup>h</sup> 16'	18 <sup>h</sup> 58'	18 <sup>h</sup> 36'	11 <sup>h</sup> 33'	5 <sup>h</sup> 13'	T 30
W31	12 36 4	10 <sup>h</sup> 50'24"	29 <sup>h</sup> 57'	7 <sup>h</sup> 33'	11 <sup>h</sup> 55'	1 <sup>h</sup> 56'	17 <sup>h</sup> 40'	24 <sup>h</sup> 16'	29 <sup>h</sup> 4'	29 <sup>h</sup> 37'	5 <sup>h</sup> 15'	18 <sup>h</sup> 57'	18 <sup>h</sup> 33'	11 <sup>h</sup> 40'	5 <sup>h</sup> 13'	W31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂			
-----	---	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	--	--

## ASTRODIENST EPHEMERIS for the year 2680

APRIL 2680

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 40 1	11°50'00	12°54	9°30	13°8	2°24	17°R34	24°20	29°8	29°40	5°R15	18°R56	18°29	11°47	5°R12	T 1
F 2	12 43 57	12°49'34	25°37	11°28	14°21	2°52	17°27	24°24	29°11	29°42	5°14	18°51	18°26	11°54	5°11	F 2
S 3	12 47 54	13°49'05	8°17	13°27	15°34	3°20	17°21	24°28	29°14	29°44	5°14	18°44	18°23	12°0	5°11	S 3
S 4	12 51 50	14°48'35	20°29	15°27	16°46	3°47	17°14	24°33	29°18	29°46	5°14	18°34	18°20	12°7	5°11	S 4
M 5	12 55 47	15°48'02	2°43	17°28	17°59	4°15	17°8	24°37	29°21	29°48	5°13	18°22	18°17	12°14	5°10	M 5
T 6	12 59 43	16°47'28	14°49	19°30	19°11	4°42	17°2	24°41	29°24	29°51	5°13	18°7	18°14	12°20	5°10	T 6
W 7	13 3 40	17°46'51	26°49	21°32	20°24	5°9	16°56	24°46	29°28	29°53	5°13	17°53	18°10	12°27	5°D10	W 7
T 8	13 7 36	18°46'13	8°44	23°34	21°36	5°35	16°51	24°50	29°31	29°55	5°12	17°39	18°7	12°34	5°10	T 8
F 9	13 11 33	19°45'32	20°36	25°37	22°48	6°2	16°45	24°55	29°34	29°57	5°12	17°27	18°4	12°40	5°10	F 9
S 10	13 15 29	20°44'50	2°26	27°40	24°1	6°28	16°39	25°0	29°37	29°59	5°12	17°18	18°1	12°47	5°11	S 10
S 11	13 19 26	21°44'06	14°18	29°42	25°13	6°54	16°34	25°4	29°41	0°2	5°12	17°12	17°58	12°54	5°11	S 11
M12	13 23 23	22°43'20	26°15	1°44	26°25	7°19	16°29	25°9	29°44	0°4	5°12	17°8	17°54	13°1	5°12	M12
T 13	13 27 19	23°42'33	8°21	3°45	27°37	7°45	16°24	25°14	29°47	0°6	5°12	17°7	17°51	13°7	5°12	T 13
W14	13 31 16	24°41'43	20°41	5°44	28°49	8°10	16°19	25°19	29°50	0°8	5°11	17°7	17°48	13°14	5°13	W14
T 15	13 35 12	25°40'52	3°21	7°42	0°11	8°35	16°14	25°24	29°53	0°10	5°11	17°7	17°45	13°21	5°13	T 15
F 16	13 39 9	26°40'00	16°25	9°38	1°12	8°59	16°10	25°29	29°57	0°12	5°11	17°6	17°42	13°27	5°14	F 16
S 17	13 43 5	27°39'05	29°57	11°32	2°24	9°24	16°5	25°35	29°59	0°14	5°D11	17°2	17°39	13°34	5°15	S 17
S 18	13 47 2	28°38'09	13°59	13°23	3°36	9°47	16°1	25°40	0°2	0°16	5°11	16°56	17°35	13°41	5°16	S 18
M19	13 50 58	29°37'10	28°30	15°10	4°47	10°11	15°57	25°45	0°6	0°18	5°11	16°48	17°32	13°48	5°17	M19
T 20	13 54 55	0°36'10	13°26	16°54	5°59	10°35	15°53	25°51	0°9	0°20	5°11	16°38	17°29	13°54	5°19	T 20
W21	13 58 52	1°35'09	28°38	18°35	7°10	10°58	15°49	25°56	0°12	0°22	5°11	16°27	17°26	14°1	5°20	W21
T 22	14 2 48	2°34'05	13°56	20°11	8°21	11°20	15°45	26°2	0°15	0°24	5°12	16°17	17°23	14°8	5°21	T 22
F 23	14 6 45	3°32'59	29°8	21°43	9°33	11°43	15°42	26°8	0°18	0°26	5°12	16°8	17°19	14°14	5°23	F 23
S 24	14 10 41	4°31'51	14°5	23°10	10°44	12°5	15°39	26°13	0°21	0°28	5°12	16°2	17°16	14°21	5°24	S 24
S 25	14 14 38	5°30'42	28°39	24°33	11°55	12°26	15°36	26°19	0°24	0°30	5°12	15°59	17°13	14°28	5°26	S 25
M26	14 18 34	6°29'29	12°46	25°50	13°6	12°48	15°33	26°25	0°27	0°32	5°12	15°D58	17°10	14°35	5°28	M26
T 27	14 22 31	7°28'15	26°27	27°3	14°17	13°9	15°30	26°31	0°30	0°34	5°13	15°58	17°7	14°41	5°30	T 27
W28	14 26 27	8°26'58	9°43	28°10	15°28	13°29	15°28	26°37	0°33	0°36	5°13	15°R59	17°4	14°48	5°32	W28
T 29	14 30 24	9°25'39	22°37	29°12	16°38	13°49	15°25	26°43	0°36	0°38	5°13	15°58	17°0	14°55	5°34	T 29
F 30	14 34 21	10°24'18	5°14	0°11	17°49	14°9	15°23	26°49	0°39	0°40	5°13	15°55	16°57	15°1	5°36	F 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	4n40	14n55	2s 3	2n21	1s31	15n55	0n12	23s17	0n 3	6n10	1n23	22n 4	1s10	1s 1	0s44	1s 7
F 2	5 3 10	6 3 1	3 14	1 24	16 19	0 15	23 18	0 2	6 12	1 23	22 4	1 10	1 0	0 44	1 6	1 4
S 3	5 26	4 57	3 48	4 7	1 17	16 44	0 18	23 18	0 0	6 15	1 23	22 4	1 10	0 58	0 44	1 5
S 4	5 49	0s18	4 25	5 0	1 9	17 7	0 21	23 19	0s 1	6 17	1 22	22 5	1 10	0 57	0 44	1 4
M 5	6 12	5 29	4 48	5 54	1 1	17 31	0 24	23 20	0 3	6 20	1 22	22 5	1 10	0 56	0 44	1 3
T 6	6 34	10 25	4 59	6 48	0 52	17 54	0 27	23 20	0 4	6 22	1 22	22 5	1 9	0 54	0 44	1 2
W 7	6 57	14 54	4 56	7 42	0 42	18 16	0 31	23 21	0 6	6 24	1 22	22 6	1 9	0 53	0 44	1 1
T 8	7 20	18 46	4 40	8 37	0 33	18 38	0 34	23 21	0 7	6 26	1 22	22 6	1 9	0 52	0 44	1 1
F 9	7 42	21 53	4 12	9 31	0 23	19 0	0 37	23 22	0 9	6 28	1 22	22 6	1 9	0 51	0 44	1 0
S 10	8 4	24 3	3 32	10 25	0 12	19 21	0 40	23 22	0 10	6 30	1 22	22 7	1 9	0 49	0 44	0 59
S 11	8 26	25 9	2 44	11 18	0 1	19 42	0 43	23 22	0 12	6 32	1 22	22 7	1 8	0 48	0 44	0 58
M12	8 48	25 6	1 48	12 11	0n10	20 2	0 46	23 23	0 14	6 34	1 22	22 8	1 8	0 47	0 44	0 57
T 13	9 10	23 52	0 46	13 3	0 21	20 22	0 49	23 23	0 15	6 36	1 22	22 8	1 8	0 45	0 44	0 56
W14	9 32	21 27	0n19	13 54	0 32	20 41	0 53	23 23	0 17	6 38	1 21	22 8	1 8	0 44	0 44	0 56
T 15	9 53	17 58	1 25	14 43	0 44	20 59	0 56	23 23	0 19	6 40	1 21	22 9	1 8	0 43	0 44	0 55
F 16	10 15	13 30	2 28	15 31	0 55	21 17	0 59	23 23	0 21	6 41	1 21	22 9	1 8	0 42	0 44	0 54
S 17	10 36	8 14	3 26	16 18	1 7	21 35	1 2	23 24	0 22	6 43	1 21	22 9	1 7	0 41	0 44	0 53
S 18	10 57	2 23	4 13	17 2	1 18	21 52	1 5	23 24	0 24	6 44	1 21	22 10	1 7	0 39	0 44	0 52
M19	11 18	3n47	4 46	17 44	1 28	22 8	1 8	23 24	0 26	6 46	1 21	22 10	1 7	0 38	0 44	0 52
T 20	11 39	9 54	5 1	18 24	1 39	22 24	1 11	23 24	0 28	6 47	1 21	22 10	1 7	0 37	0 44	0 51
W21	11 59	15 32	4 54	19 2	1 49	22 39	1 14	23 24	0 30	6 49	1 21	22 11	1 7	0 36	0 44	0 50
T 22	12 19	20 13	4 27	19 38	1 58	22 53	1 17	23 24	0 32	6 50	1 20	22 11	1 6	0 34	0 44	0 49
F 23	12 39	23 29	3 41	20 11	2 7	23 7	1 20	23 24	0 34	6 51	1 20	22 11	1 6	0 33	0 44	0 48
S 24	12 59	25 4	2 41	20 41	2 15	23 21	1 23	23 24	0 36	6 52	1 20	22 12	1 6	0 32	0 44	0 48
S 25	13 19	24 51	1 31	21 9	2 23	23 33	1 26	23 24	0 38	6 53	1 20	22 12	1 6	0 31	0 44	0 47
M26	13 38	23 1	0 17	21 34	2 29	23 45	1 29	23 25	0 40	6 54	1 20	22 12	1 6	0 30	0 44	0 46
T 27	13 57	19 53	0s55	21 56	2 35	23 57	1 32	23 25	0 43	6 55	1 20	22 13	1 6	0 29	0 44	0 45
W28	14 16	15 47	2 3	22 16	2 40	24 7	1 34	23 25	0 45	6 56	1 19	22 13	1 5	0 28	0 44	0 45
T 29	14 35	11 3	3 2	22 34	2 44	24 18	1 37	23 25	0 47	6 57	1 19	22 13	1 5	0 26	0 44	0 44
F 30	14n53	5n59	3s51	22n49	2n46	24n27	1n40	23s25	0s49	6n57	1n19	22n14	1s 5	0s25	0s44	0s43

Julian Day Number = 2700000.5, Delta T = 25m46s

Ecliptic obliquity = 23°21'07", Nutation = 0°00'16"

Ayanamsha: Fagan/Bradley = 34°15'23", Lahiri = 33°22'23"

## ASTRODIENST EPHEMERIS for the year 2680

MAY 2680

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 38 17	11°22'55	17°36	0°11'58	18°11'59	14°29'29	15°R21	26°11'56	0°11'41	0°11'42	5°11'14	15°R50	16°35'4	15°11'8	5°11'38	S 1
S 2	14 42 14	12°21'29	29°47	1°43	20°10	14°48	15°11'19	27° 2	0°44	0°44	5°14	15°34'2	16°51	15°15	5°41	S 2
M 3	14 46 10	13°20'02	11°11'50	2°22	21°20	15° 6	15°18	27° 8	0°47	0°45	5°14	15°32	16°48	15°21	5°43	M 3
T 4	14 50 7	14°18'32	23°48	2°55	22°30	15°24	15°16	27°14	0°50	0°47	5°15	15°21	16°45	15°28	5°46	T 4
W 5	14 54 3	15°17'01	5°11'42	3°22	23°40	15°42	15°15	27°21	0°52	0°49	5°15	15° 9	16°41	15°35	5°48	W 5
T 6	14 58 0	16°15'27	17°34	3°44	24°50	16° 0	15°14	27°27	0°55	0°51	5°16	14°58	16°38	15°42	5°51	T 6
F 7	15 1 56	17°13'52	29°25	4° 0	26° 0	16°16	15°13	27°34	0°58	0°52	5°16	14°48	16°35	15°48	5°54	F 7
S 8	15 5 53	18°12'15	11°11'18	4°10	27°10	16°33	15°13	27°40	1° 0	0°54	5°17	14°41	16°32	15°55	5°57	S 8
S 9	15 9 50	19°10'37	23°13	4°R14	28°19	16°49	15°12	27°47	1° 3	0°56	5°17	14°36	16°29	16° 2	5°59	S 9
M10	15 13 46	20° 8'57	5°11'14	4°13	29°29	17° 4	15°12	27°54	1° 5	0°57	5°18	14°34	16°25	16° 8	6° 3	M10
T 11	15 17 43	21° 7'15	17°24	4° 7	0°38'38	17°19	15°D12	28° 0	1° 8	0°59	5°18	14°D34	16°22	16°15	6° 6	T 11
W12	15 21 39	22° 5'32	29°47	3°55	1°47	17°34	15°12	28° 7	1°10	1° 1	5°19	14°34	16°19	16°22	6° 9	W12
T 13	15 25 36	23° 3'47	12°11'27	3°39	2°56	17°47	15°12	28°14	1°13	1° 2	5°20	14°35	16°16	16°29	6°12	T 13
F 14	15 29 32	24° 2'01	25°28	3°19	4° 6	18° 1	15°12	28°21	1°15	1° 4	5°20	14°R36	16°13	16°35	6°15	F 14
S 15	15 33 29	25° 0'13	8°11'54	2°54	5°14	18°14	15°13	28°28	1°17	1° 5	5°21	14°35	16°10	16°42	6°19	S 15
S 16	15 37 25	25°58'24	22°47	2°26	6°23	18°26	15°14	28°35	1°20	1° 7	5°22	14°32	16° 6	16°49	6°22	S 16
M17	15 41 22	26°56'33	7°11' 8	1°55	7°32	18°38	15°15	28°42	1°22	1° 8	5°22	14°27	16° 3	16°55	6°26	M17
T 18	15 45 19	27°54'41	21°54	1°22	8°40	18°49	15°16	28°49	1°24	1°10	5°23	14°21	16° 0	17° 2	6°30	T 18
W19	15 49 15	28°52'48	6°11'58	0°47	9°49	18°59	15°17	28°56	1°26	1°11	5°24	14°14	15°57	17° 9	6°34	W19
T 20	15 53 12	29°50'53	22°13	0°11	10°57	19° 9	15°19	29° 3	1°29	1°13	5°25	14° 8	15°54	17°15	6°37	T 20
F 21	15 57 8	0°11'48'57	7°11'26	29°11'35	12° 5	19°18	15°20	29°10	1°31	1°14	5°25	14° 2	15°51	17°22	6°41	F 21
S 22	16 1 5	1°46'59	22°29	28°59	13°13	19°27	15°22	29°17	1°33	1°15	5°26	13°59	15°47	17°29	6°45	S 22
S 23	16 5 1	2°45'00	7°11'12	28°23	14°21	19°35	15°24	29°25	1°35	1°17	5°27	13°D57	15°44	17°36	6°49	S 23
M24	16 8 58	3°42'59	21°30	27°49	15°28	19°42	15°27	29°32	1°37	1°18	5°28	13°57	15°41	17°42	6°54	M24
T 25	16 12 55	4°40'56	5°11'20	27°17	16°36	19°49	15°29	29°39	1°39	1°19	5°29	13°58	15°38	17°49	6°58	T 25
W26	16 16 51	5°38'51	18°44	26°47	17°43	19°55	15°32	29°47	1°41	1°20	5°30	14° 0	15°35	17°56	7° 2	W26
T 27	16 20 48	6°36'44	1°11'43	26°21	18°50	20° 0	15°34	29°54	1°43	1°22	5°31	14°R 1	15°31	18° 2	7° 6	T 27
F 28	16 24 44	7°34'36	14°20	25°57	19°57	20° 5	15°37	0°11'48	1°45	1°23	5°32	14° 1	15°28	18° 9	7°11	F 28
S 29	16 28 41	8°32'26	26°41	25°38	21° 4	20° 9	15°40	0° 9	1°46	1°24	5°33	13°59	15°25	18°16	7°15	S 29
S 30	16 32 37	9°30'14	8°11'49	25°22	22°11	20°12	15°44	0°16	1°48	1°25	5°34	13°56	15°22	18°22	7°20	S 30
M31	16 36 34	10°11'28'00	20°11'48	25°11'10	23°11'17	20°15	15°47	0°11'24	1°50	1°26	5°35	13°51	15°19	18°11'29	7°25	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	15n11	0n46	4s28	23n 1	2n48	24n36	1n42	23s26	0s52	6n58	1n19	22n14	1s 5	0s24	0s44	S 1
S 2	15 29	4s23	4 52	23 11	2 49	24 44	1 45	23 26	0 54	6 58	1 19	22 14	1 5	0 23	0 44	S 2
M 3	15 47	9 18	5 2	23 18	2 48	24 52	1 48	23 26	0 57	6 59	1 19	22 15	1 5	0 22	0 44	M 3
T 4	16 4	13 51	5 0	23 23	2 46	24 58	1 50	23 27	0 59	6 59	1 18	22 15	1 5	0 21	0 44	T 4
W 5	16 22	17 50	4 44	23 25	2 43	25 4	1 53	23 27	1 2	7 0	1 18	22 15	1 4	0 20	0 44	W 5
T 6	16 38	21 6	4 16	23 25	2 39	25 10	1 55	23 28	1 4	7 0	1 18	22 15	1 4	0 19	0 44	T 6
F 7	16 55	23 29	3 37	23 23	2 33	25 15	1 57	23 28	1 7	7 0	1 18	22 16	1 4	0 18	0 44	F 7
S 8	17 11	24 50	2 48	23 18	2 27	25 19	2 0	23 29	1 10	7 0	1 18	22 16	1 4	0 17	0 44	S 8
S 9	17 27	25 2	1 52	23 11	2 19	25 22	2 2	23 30	1 12	7 0	1 18	22 16	1 4	0 16	0 44	S 9
M10	17 43	24 5	0 50	23 2	2 9	25 25	2 4	23 30	1 15	7 0	1 17	22 16	1 4	0 15	0 44	M10
T 11	17 58	21 58	0n15	22 50	1 59	25 27	2 6	23 31	1 18	7 0	1 17	22 17	1 3	0 14	0 44	T 11
W12	18 13	18 48	1 21	22 37	1 47	25 28	2 8	23 32	1 21	7 0	1 17	22 17	1 3	0 13	0 45	W12
T 13	18 28	14 42	2 24	22 21	1 34	25 29	2 10	23 33	1 24	7 0	1 17	22 17	1 3	0 12	0 45	T 13
F 14	18 43	9 49	3 22	22 3	1 21	25 29	2 12	23 34	1 26	6 59	1 17	22 17	1 3	0 11	0 45	F 14
S 15	18 57	4 20	4 11	21 44	1 6	25 28	2 14	23 36	1 29	6 59	1 16	22 18	1 3	0 10	0 45	S 15
S 16	19 11	1n32	4 46	21 23	0 50	25 27	2 15	23 37	1 33	6 58	1 16	22 18	1 3	0 9	0 45	S 16
M17	19 24	7 30	5 5	21 1	0 34	25 25	2 17	23 38	1 36	6 58	1 16	22 18	1 3	0 8	0 45	M17
T 18	19 37	13 13	5 5	20 38	0 17	25 22	2 18	23 40	1 39	6 57	1 16	22 18	1 3	0 8	0 45	T 18
W19	19 50	18 16	4 44	20 14	0s 1	25 19	2 20	23 42	1 42	6 57	1 16	22 18	1 2	0 7	0 45	W19
T 20	20 3	22 10	4 3	19 49	0 18	25 15	2 21	23 44	1 45	6 56	1 16	22 19	1 2	0 6	0 45	T 20
F 21	20 15	24 30	3 5	19 24	0 36	25 10	2 23	23 46	1 49	6 55	1 15	22 19	1 2	0 5	0 45	F 21
S 22	20 27	25 2	1 54	18 59	0 53	25 5	2 24	23 48	1 52	6 54	1 15	22 19	1 2	0 4	0 45	S 22
S 23	20 38	23 46	0 37	18 35	1 11	24 59	2 25	23 50	1 55	6 53	1 15	22 19	1 2	0 4	0 45	S 23
M24	20 49	20 58	0s41	18 11	1 27	24 52	2 26	23 52	1 59	6 52	1 15	22 19	1 2	0 3	0 45	M24
T 25	21 0	17 2	1 54	17 48	1 44	24 45	2 27	23 55	2 2	6 51	1 15	22 19	1 2	0 2	0 45	T 25
W26	21 10	12 20	2 58	17 26	1 59	24 37	2 28	23 57	2 6	6 50	1 14	22 20	1 2	0 1	0 45	W26
T 27	21 20	7 14	3 51	17 5	2 14	24 29	2 28	24 0	2 9	6 49	1 14	22 20	1 1	0 1	0 45	T 27
F 28	21 30	1 58	4 31	16 46	2 28	24 20	2 29	24 3	2 13	6 47	1 14	22 20	1 1	0n 0	0 45	F 28
S 29	21 39	3s14	4 57	16 29	2 41	24 10	2 29	24 6	2 17	6 46	1 14	22 20	1 1	0 1	0 45	S 29
S 30	21 48	8 14	5 10	16 14	2 53	24 0	2 30	24 9	2 20	6 44	1 14	22 20	1 1	0 2	0 45	S 30
M31	21n56	12s52	5s 9	16n 1	3s 4	23n49	2n30	24s12	2s24	6n43	1n14	22n20	1s 1	0n 2	0s45	M31

Julian Day Number = 2700030.5, Delta T = 25m46s

Ecliptic obliquity = 23°21'06, Nutation = 0°00'15

Ayanamsha: Fagan/Bradley = 34°15'27, Lahiri = 33°22'27

## ASTRODIENST EPHEMERIS for the year 2680

JUNE 2680

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 40 30	11°12'25.46	2°14'41	25°R 3	24°23'23	20°17	15°51	0°31	1°52	1°27	5°36	13°R46	15°16	18°16	7°29	T 1
W 2	16 44 27	12°23'29	14°33	25°D 0	25°30	20°18	15°54	0°39	1°53	1°28	5°37	13°R40	15°12	18°43	7°34	W 2
T 3	16 48 23	13°21'12	26°24	25°8 2	26°35	20°R18	15°58	0°46	1°55	1°29	5°38	13°35	15° 9	18°49	7°39	T 3
F 4	16 52 20	14°18'53	8°17	25° 8	27°41	20°18	16° 2	0°54	1°56	1°30	5°39	13°31	15° 6	18°56	7°44	F 4
S 5	16 56 17	15°16'32	20°15	25°19	28°47	20°17	16° 7	1° 1	1°58	1°31	5°40	13°27	15° 3	19° 3	7°49	S 5
S 6	17 0 13	16°14'11	2°18	25°34	29°52	20°15	16°11	1° 9	1°59	1°32	5°41	13°25	15° 0	19° 9	7°54	S 6
M 7	17 4 10	17°11'48	14°30	25°54	0°157	20°12	16°16	1°17	2° 1	1°33	5°42	13°D25	14°57	19°16	7°59	M 7
T 8	17 8 6	18° 9'25	26°51	26°18	2° 2	20° 9	16°20	1°24	2° 2	1°34	5°43	13°25	14°53	19°23	8° 4	T 8
W 9	17 12 3	19° 7'00	9°25	26°46	3° 6	20° 5	16°25	1°32	2° 4	1°35	5°45	13°27	14°50	19°29	8° 9	W 9
T 10	17 15 59	20° 4'34	22°13	27°18	4°11	20° 0	16°30	1°39	2° 5	1°35	5°46	13°28	14°47	19°36	8°14	T 10
F 11	17 19 56	21° 2'08	5°19	27°55	5°15	19°55	16°36	1°47	2° 6	1°36	5°47	13°30	14°44	19°43	8°20	F 11
S 12	17 23 53	21°59'41	18°45	28°35	6°18	19°48	16°41	1°55	2° 7	1°37	5°48	13°R30	14°41	19°50	8°25	S 12
S 13	17 27 49	22°57'12	2°132	29°20	7°22	19°41	16°46	2° 3	2° 8	1°38	5°50	13°30	14°37	19°56	8°31	S 13
M14	17 31 46	23°54'44	16°41	0°11 8	8°25	19°33	16°52	2°10	2°10	1°38	5°51	13°29	14°34	20° 3	8°36	M14
T 15	17 35 42	24°52'14	1°11	1° 0	9°29	19°25	16°58	2°18	2°11	1°39	5°52	13°27	14°31	20°10	8°42	T 15
W16	17 39 39	25°49'44	15°57	1°55	10°31	19°15	17° 4	2°26	2°12	1°39	5°53	13°25	14°28	20°16	8°47	W16
T 17	17 43 35	26°47'14	0°1153	2°54	11°34	19° 5	17°10	2°34	2°13	1°40	5°55	13°23	14°25	20°23	8°53	T 17
F 18	17 47 32	27°44'42	1°51	3°56	12°36	18°55	17°16	2°41	2°13	1°41	5°56	13°21	14°22	20°30	8°59	F 18
S 19	17 51 28	28°42'10	0°544	5° 2	13°38	18°43	17°22	2°49	2°14	1°41	5°57	13°20	14°18	20°36	9° 4	S 19
S 20	17 55 25	29°39'37	15°22	6°11	14°40	18°31	17°29	2°57	2°15	1°42	5°59	13°D20	14°15	20°43	9°10	S 20
M21	17 59 22	0°537'03	29°41	7°23	15°41	18°18	17°35	3° 5	2°16	1°42	6° 0	13°20	14°12	20°50	9°16	M21
T 22	18 3 18	1°34'28	13°13	8°38	16°42	18° 5	17°42	3°12	2°17	1°42	6° 1	13°21	14° 9	20°57	9°22	T 22
W23	18 7 15	2°31'52	27° 5	9°56	17°43	17°51	17°49	3°20	2°17	1°43	6° 3	13°22	14° 6	21° 3	9°28	W23
T 24	18 11 11	3°29'15	10°18	11°18	18°43	17°36	17°56	3°28	2°18	1°43	6° 4	13°23	14° 3	21°10	9°34	T 24
F 25	18 15 8	4°26'37	22°51	12°43	19°43	17°21	18° 3	3°36	2°19	1°43	6° 6	13°24	13°59	21°17	9°40	F 25
S 26	18 19 4	5°23'58	5°14	14°10	20°43	17° 6	18°10	3°44	2°19	1°44	6° 7	13°R24	13°56	21°23	9°46	S 26
S 27	18 23 1	6°21'18	17°23	15°41	21°42	16°50	18°18	3°51	2°20	1°44	6° 9	13°24	13°53	21°30	9°52	S 27
M28	18 26 57	7°18'38	29°21	17°15	22°41	16°33	18°25	3°59	2°20	1°44	6°10	13°23	13°50	21°37	9°58	M28
T 29	18 30 54	8°15'56	11°14	18°51	23°40	16°16	18°33	4° 7	2°20	1°44	6°11	13°23	13°47	21°43	10° 4	T 29
W30	18 34 51	9°13'14	23°11	20°11	24°38	15°59	18°41	4°15	2°21	1°44	6°13	13°22	13°43	21°45	10°11	W30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	22n 4	16s58	4s55	15n49	3s14	23n37	2n30	24s16	2s28	6n41	1n13	22n20	1s 1	0n 3	0s45	0s26	1s 6	20n56	2n12	22s39	22s29	21s26	12n 8	6s24	12n 8	6s24	12n 8	6s24	
W 2	22 12	20 24	4 28	15 40	3 22	23 25	2 30	24 20	2 32	6 40	1 13	22 20	1 1	0 3	0 45	0 25	1 6	20 56	2 12	22 39	22 29	21 27	12 7	6 24	12 7	6 24	12 7	6 24	
T 3	22 19	22 59	3 49	15 33	3 30	23 13	2 30	24 23	2 36	6 38	1 13	22 20	1 1	0 4	0 45	0 25	1 6	20 55	2 12	22 40	22 30	21 29	12 6	6 23	12 6	6 23	12 6	6 23	
F 4	22 26	24 35	3 1	15 29	3 36	23 0	2 30	24 27	2 40	6 36	1 13	22 20	1 1	0 5	0 45	0 25	1 6	20 55	2 12	22 40	22 30	21 30	12 6	6 22	12 6	6 22	12 6	6 22	
S 5	22 32	25 3	2 4	15 26	3 42	22 46	2 30	24 31	2 44	6 35	1 13	22 20	1 0	0 5	0 45	0 24	1 6	20 55	2 12	22 40	22 30	21 31	12 5	6 22	12 5	6 22	12 5	6 22	
S 6	22 39	24 20	1 1	15 25	3 46	22 32	2 29	24 36	2 48	6 33	1 12	22 20	1 0	0 6	0 45	0 24	1 6	20 55	2 12	22 41	22 31	21 33	12 4	6 22	12 4	6 22	12 4	6 22	
M 7	22 44	22 28	0n 6	15 27	3 49	22 17	2 29	24 40	2 52	6 31	1 12	22 21	1 0	0 6	0 45	0 24	1 6	20 54	2 12	22 41	22 31	21 34	12 3	6 21	12 3	6 21	12 3	6 21	
T 8	22 50	19 31	1 13	15 30	3 51	22 2	2 28	24 44	2 56	6 29	1 12	22 21	1 0	0 7	0 45	0 23	1 6	20 54	2 12	22 41	22 31	21 35	12 3	6 21	12 3	6 21	12 3	6 21	
W 9	22 54	15 37	2 18	15 35	3 52	21 47	2 27	24 49	3 0	6 27	1 12	22 21	1 0	0 7	0 45	0 23	1 6	20 54	2 12	22 41	22 32	21 37	12 2	6 20	12 2	6 20	12 2	6 20	
T 10	22 59	10 56	3 18	15 42	3 53	21 31	2 26	24 54	3 4	6 25	1 12	22 21	1 0	0 8	0 45	0 23	1 6	20 54	2 12	22 40	22 32	21 38	12 1	6 20	12 1	6 20	12 1	6 20	
F 11	23 3	5 41	4 8	15 51	3 52	21 14	2 25	24 59	3 8	6 22	1 12	22 21	1 0	0 8	0 45	0 22	1 6	20 53	2 12	22 40	22 32	21 40	12 0	6 19	12 0	6 19	12 0	6 19	
S 12	23 7	0 2	4 46	16 1	3 51	20 57	2 24	25 4	3 12	6 20	1 11	22 21	1 0	0 9	0 45	0 22	1 6	20 53	2 12	22 40	22 33	21 41	11 59	6 19	11 59	6 19	11 59	6 19	
S 13	23 10	5n44	5 10	16 13	3 48	20 40	2 23	25 9	3 16	6 18	1 11	22 21	1 0	0 9	0 46	0 22	1 6	20 53	2 12	22 40	22 33	21 42	11 58	6 19	11 58	6 19	11 58	6 19	
M14	23 13	11 23	5 15	16 26	3 45	20 22	2 21	25 14	3 20	6 16	1 11	22 21	1 0	0 9	0 46	0 22	1 6	20 52	2 12	22 40	22 33	21 44	11 57	6 18	11 57	6 18	11 57	6 18	
T 15	23 15	16 32	5 0	16 40	3 41	20 4	2 20	25 20	3 25	6 13	1 11	22 20	0 59	0 10	0 46	0 22	1 6	20 52	2 12	22 40	22 34	21 45	11 56	6 18	11 56	6 18	11 56	6 18	
W16	23 17	20 48	4 26	16 56	3 37	19 45	2 18	25 25	3 29	6 11	1 11	22 20	0 59	0 10	0 46	0 21	1 6	20 52	2 12	22 41	22 34	21 46	11 55	6 17	11 55	6 17	11 55	6 17	
T 17	23 19	23 44	3 34	17 12	3 31	19 26	2 16	25 31	3 33	6 8	1 11	22 20	0 59	0 11	0 46	0 21	1 6	20 52	2 12	22 41	22 35	21 48	11 54	6 17	11 54	6 17	11 54	6 17	
F 18	23 20	25 2	2 26	17 30	3 25	19 6	2 14	25 36	3 37	6 6	1 10	22 20	0 59	0 11	0 46	0 21	1 6	20 51	2 12	22 41	22 35	21 49	11 53	6 16	11 53	6 16	11 53	6 16	
S 19	23 21	24 30	1 9	17 48	3 19	18 47	2 12	25 42	3 41	6 3	1 10	22 20	0 59	0 11	0 46	0 21	1 6	20 51	2 12	22 41	22 35	21 50	11 52	6 16	11 52	6 16	11 52	6 16	
S 20	23 21	22 17	0s11	18 7	3 12	18 26	2 10	25 48	3 45	6 0	1 10	22 20	0 59	0 12	0 46	0 21	1 6	20 51	2 12	22 41	22 36	21 52	11 51	6 16	11 51	6 16	11 51	6 16	
M21	23 21	18 41	1 29	18 26	3 4	18 6	2 7	25 53	3 49	5 58	1 10	22 20	0 59	0 12	0 46	0 21	1 6	20 50	2 12	22 41	22 36	21 53	11 50	6 15	11 50	6 15	11 50	6 15	
T 22	23 21	14 8	2 40	18 46	2 55	17 45	2 4	25 59	3 53	5 55	1 10	22 20	0 59	0 12	0 46	0 20	1 6	20 50	2 12	22 41	22 36	21 54	11 49	6 15	11 49	6 15	11 49	6 15	
W23	23 20	9 0	3 39	19 7	2 47	17 24	2 2	26 5	3 57	5 52	1 10	22 20	0 59	0 12	0 46	0 20	1 6	20 50	2 12	22 41	22 37	21 55	11 48	6 14	11 48	6 14	11 48	6 14	
T 24	23 18	3 38	4 25	19 27	2 37	17 2	1 59	26 11	4 1	5 49	1 9	22 20	0 59	0 13	0 46	0 20	1 7	20 49	2 12	22 41	22 37	21 57	11 47	6 14	11 47	6 14	11 47	6 14	
F 25	23 17	1s43	4 57	19 48	2 28	16 41	1 56	26 17	4 5	5 46	1 9	22 20	0 59	0 13	0 46	0 20	1 7	20 49	2 12	22 41	22 37	21 58	11 45	6 14	11 45	6 14	11 45	6 14	
S 26	23 14	6 52	5 14	20 8	2 18	16 19	1 52	26 23	4 9	5 43	1 9	22 19	0 59	0 13	0 46	0 20	1 7	20 49	2 12	22 41	22 38	21 59	11 44	6 13	11 44	6 13	11 44	6 13	
S 27	23 12	11 40	5 16	20 29	2 7	15 56	1 49	26 28	4 13	5 40	1 9	22 19	0 58	0 13	0 46	0 20	1 7	20 48	2 12	22 41	22 38	22 0	11 43	6 13	11 43	6 13	11 43	6 13	
M28	23 9	15 57	5 5	20 49	1 56	15 34	1 46	26 34	4 16	5 37	1 9	22 19	0 58	0 13	0 46	0 20	1 7	20 48	2 13	22 41	22 38	22 2	11 42	6 12	11 42	6 12	11 42	6 12	
T 29	23 6	19 35	4 40	21 8	1 45	15 11	1 42	26 40	4 20	5 34	1 9	22 19	0 58	0 13	0 46	0 20	1 7	20 48	2 13	22 41	22 38	22 3	11 40	6 12	11 40	6 12	11 40	6 12	
W30	23n 2	22s25	4s 4	21n27	1s34	14n48	1n38	26s45	4s23	5n31	1n 9	22n19	0s58	0n13	0s46	0s20	1s 7	20n47	2n13	22s41	22s39	22s 4	11n39	6s12	11n39	6s12	11n39	6s12	

Julian Day Number = 2700061.5, Delta T = 25m47s

Ecliptic obliquity = 23°21'05, Nutation = 0°00'16

Ayanamsha: Fagan/Bradley = 34°15'32, Lahiri = 33°22'32

## ASTRODIENST EPHEMERIS for the year 2680

JULY 2680

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 38 47	10°13'31	4°58'58	22°11'35	25°01'35	15°R41	18°49'49	4°22'22	2°21'21	1°45'45	6°01'14	13°R22	13°34'40	21°11'57	10°01'17	T 1
F 2	18 42 44	11° 7'48	16°55'55	23°59'59	26°32'32	15°R23	18°57'57	4°30'30	2°21'21	1°45'45	6°16'16	13°R21	13°37'37	22° 3'3	10°23'23	F 2
S 3	18 46 40	12° 5'04	29° 1'29	25°47'47	27°29'29	15° 5'5	19° 5'5	4°38'38	2°21'21	1°45'45	6°17'17	13°21'21	13°34'34	22°10'10	10°29'29	S 3
S 4	18 50 37	13° 2'20	11°15'15	27°38'38	28°25'25	14°47'47	19°13'13	4°46'46	2°22'22	1°R45	6°19'19	13°21'21	13°31'31	22°17'17	10°36'36	S 4
M 5	18 54 33	13°59'35	23°42'42	29°31'31	29°21'21	14°28'28	19°21'21	4°53'53	2°22'22	1°45'45	6°21'21	13°21'21	13°28'28	22°24'24	10°42'42	M 5
T 6	18 58 30	14°56'50	6°20'20	19°27'27	0°16'16	14°10'10	19°30'30	5° 1'1	2°22'22	1°45'45	6°22'22	13°21'21	13°24'24	22°30'30	10°49'49	T 6
W 7	19 2 26	15°54'04	19°12'12	3°26'26	1°11'11	13°51'51	19°39'39	5° 9'9	2°R22	1°44'44	6°24'24	13°21'21	13°21'21	22°37'37	10°55'55	W 7
T 8	19 6 23	16°51'18	2°18'18	5°27'27	2° 5'5	13°32'32	19°47'47	5°16'16	2°22'22	1°44'44	6°25'25	13°20'20	13°18'18	22°44'44	11° 2'2	T 8
F 9	19 10 20	17°48'33	15°39'39	7°30'30	2°59'59	13°14'14	19°56'56	5°24'24	2°22'22	1°44'44	6°27'27	13°20'20	13°15'15	22°50'50	11° 8'8	F 9
S 10	19 14 16	18°45'47	29°14'14	9°34'34	3°52'52	12°55'55	20° 5'5	5°32'32	2°21'21	1°44'44	6°28'28	13°20'20	13°12'12	22°57'57	11°15'15	S 10
S 11	19 18 13	19°43'01	13°4'4	11°41'41	4°44'44	12°36'36	20°14'14	5°39'39	2°21'21	1°44'44	6°30'30	13°19'19	13° 9'9	23° 4'4	11°21'21	S 11
M12	19 22 9	20°40'16	27° 7'7	13°49'49	5°36'36	12°18'18	20°23'23	5°47'47	2°21'21	1°44'44	6°31'31	13°D19	13° 5'5	23°10'10	11°28'28	M12
T 13	19 26 6	21°37'31	11°8'23	15°57'57	6°27'27	12° 0'0	20°32'32	5°55'55	2°21'21	1°43'43	6°33'33	13°20'20	13° 2'2	23°17'17	11°35'35	T 13
W14	19 30 2	22°34'46	25°49'49	18° 7'7	7°17'17	11°41'41	20°42'42	6° 2'2	2°20'20	1°43'43	6°35'35	13°20'20	12°59'59	23°24'24	11°41'41	W14
T 15	19 33 59	23°32'01	10°11'21	20°17'17	8° 7'7	11°24'24	20°51'51	6°10'10	2°20'20	1°43'43	6°36'36	13°21'21	12°56'56	23°30'30	11°48'48	T 15
F 16	19 37 56	24°29'17	24°55'55	22°28'28	8°56'56	11° 6'6	21° 0'0	6°17'17	2°20'20	1°42'42	6°38'38	13°22'22	12°53'53	23°37'37	11°55'55	F 16
S 17	19 41 52	25°26'32	9°25'25	24°38'38	9°45'45	10°49'49	21°10'10	6°25'25	2°19'19	1°42'42	6°39'39	13°R22	12°49'49	23°44'44	12° 1'1	S 17
S 18	19 45 49	26°23'48	23°46'46	26°48'48	10°32'32	10°33'33	21°20'20	6°32'32	2°19'19	1°41'41	6°41'41	13°22'22	12°46'46	23°51'51	12° 8'8	S 18
M19	19 49 45	27°21'04	7°02'52	28°58'58	11°19'19	10°16'16	21°30'30	6°40'40	2°18'18	1°41'41	6°43'43	13°21'21	12°43'43	23°57'57	12°15'15	M19
T 20	19 53 42	28°18'19	21°40'40	1°0'0	12° 5'5	10° 1'1	21°39'39	6°47'47	2°17'17	1°40'40	6°44'44	13°20'20	12°40'40	24° 4'4	12°22'22	T 20
W21	19 57 38	29°15'35	5°17'7	3°14'14	12°50'50	9°45'45	21°49'49	6°55'55	2°17'17	1°40'40	6°46'46	13°18'18	12°37'37	24°11'11	12°29'29	W21
T 22	20 1 35	0°12'51	18°12'51	5°21'21	13°34'34	9°31'31	21°59'59	7° 2'2	2°16'16	1°39'39	6°48'48	13°15'15	12°34'34	24°17'17	12°36'36	T 22
F 23	20 5 31	1°10'06	0°25'56	7°26'26	14°18'18	9°17'17	22°10'10	7°10'10	2°15'15	1°39'39	6°49'49	13°13'13	12°30'30	24°24'24	12°42'42	F 23
S 24	20 9 28	2° 7'22	13°21'21	9°30'30	15° 0'0	9° 4'4	22°20'20	7°17'17	2°14'14	1°38'38	6°51'51	13°12'12	12°27'27	24°31'31	12°49'49	S 24
S 25	20 13 25	3° 4'38	25°31'31	11°32'32	15°41'41	8°51'51	22°30'30	7°24'24	2°14'14	1°38'38	6°52'52	13°11'11	12°24'24	24°37'37	12°56'56	S 25
M26	20 17 21	4° 1'53	7°11'31	13°33'33	16°22'22	8°39'39	22°41'41	7°31'31	2°13'13	1°37'37	6°54'54	13°D10	12°21'21	24°44'44	13° 3'3	M26
T 27	20 21 18	4°59'09	19°23'23	15°32'32	17° 1'1	8°28'28	22°51'51	7°39'39	2°12'12	1°36'36	6°56'56	13°11'11	12°18'18	24°51'51	13°10'10	T 27
W28	20 25 14	5°56'25	1°17'29	17°29'29	17°39'39	8°17'17	23° 2'2	7°46'46	2°11'11	1°35'35	6°57'57	13°12'12	12°15'15	24°57'57	13°17'17	W28
T 29	20 29 11	6°53'41	13° 9'9	19°24'24	18°16'16	8° 7'7	23°12'12	7°53'53	2°10'10	1°35'35	6°59'59	13°14'14	12°11'11	25° 4'4	13°24'24	T 29
F 30	20 33 7	7°50'57	25°10'10	21°18'18	18°52'52	7°58'58	23°23'23	8° 0'0	2° 9'9	1°34'34	7° 1'1	13°16'16	12° 8'8	25°11'11	13°31'31	F 30
S 31	20 37 4	8°04'8'13	7°23'23	23°01'01	19°17'26	7°25'50	23°17'34	8° 7'7	2°17'8	1°33'33	7°02'2	13°R16	12° 5'5	25°11'17	13°03'38	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	22n58	24s17	3s17	21n45	1s23	14n25	1n34	26s51	4s27	5n28	1n 8	22n19	0s58	0n13	0s46	0s20
F 2	22 53	25 3	2 21	22 2	1 11	14 2	1 30	26 57	4 30	5 24	1 8	22 18	0 58	0 14	0 46	0 20
S 3	22 48	24 40	1 19	22 18	0 59	13 38	1 25	27 2	4 34	5 21	1 8	22 18	0 58	0 14	0 46	0 20
S 4	22 43	23 4	0 12	22 32	0 47	13 15	1 21	27 7	4 37	5 18	1 8	22 18	0 58	0 14	0 46	0 20
M 5	22 37	20 21	0n57	22 45	0 36	12 51	1 16	27 12	4 40	5 14	1 8	22 18	0 58	0 14	0 46	0 20
T 6	22 31	16 37	2 4	22 57	0 24	12 27	1 11	27 17	4 43	5 11	1 8	22 18	0 58	0 14	0 46	0 20
W 7	22 25	12 4	3 6	23 6	0 12	12 3	1 6	27 22	4 46	5 7	1 8	22 17	0 58	0 14	0 46	0 20
T 8	22 18	6 53	3 59	23 13	0 1	11 38	1 1	27 27	4 48	5 4	1 7	22 17	0 58	0 14	0 46	0 20
F 9	22 10	1 19	4 41	23 19	0n10	11 14	0 55	27 31	4 51	5 0	1 7	22 17	0 58	0 13	0 46	0 20
S 10	22 3	4n24	5 7	23 21	0 21	10 50	0 50	27 36	4 53	4 57	1 7	22 17	0 58	0 13	0 47	0 21
S 11	21 55	10 0	5 17	23 22	0 31	10 25	0 44	27 40	4 56	4 53	1 7	22 16	0 58	0 13	0 47	0 21
M12	21 46	15 12	5 8	23 19	0 41	10 1	0 38	27 44	4 58	4 49	1 7	22 16	0 57	0 13	0 47	0 21
T 13	21 37	19 37	4 40	23 14	0 51	9 36	0 32	27 48	5 0	4 46	1 7	22 16	0 57	0 13	0 47	0 21
W14	21 28	22 56	3 54	23 7	0 59	9 12	0 25	27 51	5 2	4 42	1 7	22 16	0 57	0 13	0 47	0 21
T 15	21 19	24 46	2 53	22 56	1 7	8 47	0 19	27 54	5 4	4 38	1 7	22 15	0 57	0 13	0 47	0 21
F 16	21 9	24 56	1 40	22 53	1 15	8 22	0 12	27 58	5 5	4 34	1 6	22 15	0 57	0 12	0 47	0 21
S 17	20 58	23 23	0 22	22 27	1 22	7 58	0 5	28 1	5 7	4 30	1 6	22 15	0 57	0 12	0 47	0 22
S 18	20 48	20 20	0s57	22 9	1 28	7 33	0s 2	28 3	5 8	4 26	1 6	22 14	0 57	0 12	0 47	0 22
M19	20 37	16 7	2 11	21 48	1 33	7 9	0 10	28 6	5 10	4 23	1 6	22 14	0 57	0 12	0 47	0 22
T 20	20 25	11 8	3 16	21 25	1 37	6 44	0 17	28 8	5 11	4 19	1 6	22 14	0 57	0 11	0 47	0 22
W21	20 14	5 45	4 8	21 0	1 41	6 20	0 25	28 10	5 12	4 14	1 6	22 13	0 57	0 11	0 47	0 23
T 22	20 2	0 15	4 46	20 33	1 44	5 56	0 33	28 12	5 13	4 10	1 6	22 13	0 57	0 11	0 47	0 23
F 23	19 50	5s 5	5 8	20 3	1 46	5 32	0 41	28 14	5 13	4 6	1 6	22 13	0 57	0 10	0 47	0 23
S 24	19 37	10 6	5 15	19 32	1 48	5 8	0 49	28 16	5 14	4 2	1 6	22 12	0 57	0 10	0 47	0 23
S 25	19 24	14 37	5 8	19 0	1 48	4 44	0 58	28 17	5 14	3 58	1 5	22 12	0 57	0 10	0 47	0 24
M26	19 11	18 30	4 48	18 26	1 48	4 20	1 7	28 18	5 15	3 54	1 5	22 12	0 57	0 9	0 47	0 24
T 27	18 57	21 36	4 15	17 50	1 48	3 57	1 16	28 19	5 15	3 50	1 5	22 11	0 57	0 9	0 47	0 24
W28	18 43	23 47	3 31	17 14	1 46	3 34	1 25	28 20	5 15	3 45	1 5	22 11	0 57	0 9	0 47	0 25
T 29	18 29	24 55	2 38	16 36	1 44	3 11	1 34	28 20	5 15	3 41	1 5	22 10	0 57	0 8	0 47	0 25
F 30	18 14	24 54	1 38	15 57	1 42	2 48	1 44	28 21	5 15	3 37	1 5	22 10	0 57	0 8	0 47	0 25
S 31	18n 0	23s41	0s32	15n18	1n39	2n25	1s54	28s21	5s14	3n32	1n 5	22n10	0s57	0n 7	0s47	0s26

Julian Day Number = 2700091.5, Delta T = 25m47s

Ecliptic obliquity = 23°21'05, Nutation = 0°00'17

Ayanamsha: Fagan/Bradley = 34°15'36, Lahiri = 33°22'36

## ASTRODIENST EPHEMERIS for the year 2680

AUGUST 2680

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 41 0	9♂45'30	19♂49	25♂0	19♂59	7°R43	23♂45	8♂14	2°R 6	1°R32	7♂4	13°R16	12♂2	25♂24	13♂45	S 1
M 2	20 44 57	10°42'47	2♂32	26°48	20°31	7♂36	23°55	8°21	2°Y 5	1°Y31	7° 6	13♂15	11°59	25°31	13°52	M 2
T 3	20 48 54	11°40'05	15°31	28°35	21° 1	7°30	24° 6	8°28	2° 4	1°30	7° 7	13°13	11°55	25°38	13°59	T 3
W 4	20 52 50	12°37'23	28°46	0♂20	21°30	7°25	24°18	8°35	2° 3	1°29	7° 9	13° 9	11°52	25°44	14° 6	W 4
T 5	20 56 47	13°34'42	12♂16	2° 3	21°57	7°21	24°29	8°42	2° 1	1°29	7°10	13° 4	11°49	25°51	14°13	T 5
F 6	21 0 43	14°32'01	26° 0	3°44	22°23	7°18	24°40	8°49	2° 0	1°28	7°12	13° 0	11°46	25°58	14°20	F 6
S 7	21 4 40	15°29'22	9°Y54	5°23	22°47	7°15	24°51	8°56	1°59	1°27	7°14	12°56	11°43	26° 4	14°27	S 7
S 8	21 8 36	16°26'43	23°56	7° 1	23° 9	7°14	25° 2	9° 2	1°57	1°26	7°15	12°52	11°40	26°11	14°34	S 8
M 9	21 12 33	17°24'05	8♂4	8°37	23°30	7°D13	25°14	9° 9	1°56	1°24	7°17	12°51	11°36	26°18	14°41	M 9
T 10	21 16 29	18°21'29	22°15	10°11	23°49	7°13	25°25	9°16	1°54	1°23	7°19	12°D50	11°33	26°24	14°48	T 10
W 11	21 20 26	19°18'53	6♂27	11°43	24° 6	7°14	25°37	9°22	1°53	1°22	7°20	12°51	11°30	26°31	14°55	W 11
T 12	21 24 23	20°16'19	20°39	13°14	24°21	7°16	25°48	9°29	1°51	1°21	7°22	12°53	11°27	26°38	15° 2	T 12
F 13	21 28 19	21°13'46	4♂47	14°43	24°34	7°18	26° 0	9°36	1°50	1°20	7°23	12°54	11°24	26°44	15° 9	F 13
S 14	21 32 16	22°11'14	18°51	16°10	24°45	7°21	26°12	9°42	1°48	1°19	7°25	12°R54	11°21	26°51	15°16	S 14
S 15	21 36 12	23° 8'43	2♂47	17°35	24°54	7°26	26°23	9°48	1°46	1°18	7°27	12°52	11°17	26°58	15°23	S 15
M 16	21 40 9	24° 6'13	16°32	18°59	25° 1	7°31	26°35	9°55	1°45	1°16	7°28	12°49	11°14	27° 4	15°30	M 16
T 17	21 44 5	25° 3'43	0♂3	20°20	25° 6	7°36	26°47	10° 1	1°43	1°15	7°30	12°43	11°11	27°11	15°37	T 17
W 18	21 48 2	26° 1'15	13°18	21°40	25° 8	7°43	26°59	10° 7	1°41	1°14	7°31	12°37	11° 8	27°18	15°44	W 18
T 19	21 51 58	26°58'48	26°16	22°58	25°R 8	7°51	27°11	10°13	1°39	1°13	7°33	12°29	11° 5	27°25	15°51	T 19
F 20	21 55 55	27°56'21	8♂56	24°13	25° 6	7°59	27°23	10°20	1°37	1°11	7°34	12°21	11° 1	27°31	15°57	F 20
S 21	21 59 52	28°53'55	21°19	25°27	25° 2	8° 8	27°35	10°26	1°35	1°10	7°36	12°15	10°58	27°38	16° 4	S 21
S 22	22 3 48	29°51'31	3♂28	26°39	24°55	8°18	27°47	10°32	1°33	1° 9	7°38	12°10	10°55	27°45	16°11	S 22
M 23	22 7 45	0♂49'07	15°27	27°48	24°46	8°28	27°59	10°38	1°32	1° 7	7°39	12° 6	10°52	27°51	16°18	M 23
T 24	22 11 41	1°46'44	27°19	28°55	24°34	8°40	28°11	10°43	1°30	1° 6	7°41	12°D 5	10°49	27°58	16°25	T 24
W 25	22 15 38	2°44'22	9♂9	29°59	24°20	8°52	28°24	10°49	1°28	1° 5	7°42	12° 5	10°46	28° 5	16°32	W 25
T 26	22 19 34	3°42'01	21° 3	1♂2	24° 3	9° 4	28°36	10°55	1°26	1° 3	7°44	12° 6	10°42	28°11	16°39	T 26
F 27	22 23 31	4°39'41	3♂3	2° 1	23°45	9°18	28°48	11° 1	1°24	1° 2	7°45	12° 7	10°39	28°18	16°46	F 27
S 28	22 27 27	5°37'22	15°23	2°58	23°24	9°32	29° 1	11° 6	1°21	1° 0	7°47	12°R 7	10°36	28°25	16°52	S 28
S 29	22 31 24	6°35'04	27°57	3°52	23° 0	9°47	29°13	11°12	1°19	0°59	7°48	12° 6	10°33	28°31	16°59	S 29
M 30	22 35 21	7°32'47	10♂52	4°43	22°35	10° 3	29°25	11°17	1°17	0°57	7°50	12° 3	10°30	28°38	17° 6	M 30
T 31	22 39 17	8♂30'31	24♂8	5♂31	22♂8	10♂19	29♂38	11♂23	1°Y15	0°Y56	7♂51	11♂57	10♂26	28♂45	17♂13	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	17n44	21s18	0n36	14n38	1n35	2n 3	2s 4	28s21	5s14	3n28	1n 5	22n 9	0s57	0n 7	0s47	S 1
M 2	17 29	17 50	1 44	13 57	1 31	1 41	2 14	28 21	5 14	3 24	1 5	22 9	0 57	0 6	0 47	M 2
T 3	17 13	13 27	2 47	13 16	1 26	1 20	2 24	28 21	5 13	3 19	1 5	22 8	0 57	0 6	0 47	T 3
W 4	16 57	8 22	3 44	12 35	1 21	0 59	2 35	28 20	5 12	3 15	1 5	22 8	0 57	0 5	0 47	W 4
T 5	16 41	2 48	4 28	11 53	1 15	0 38	2 46	28 20	5 12	3 10	1 4	22 8	0 57	0 5	0 47	T 5
F 6	16 25	2n59	4 58	11 11	1 9	0 18	2 57	28 19	5 11	3 6	1 4	22 7	0 57	0 4	0 47	F 6
S 7	16 8	8 41	5 11	10 29	1 3	0s 2	3 8	28 18	5 10	3 1	1 4	22 7	0 56	0 4	0 47	S 7
S 8	15 51	14 0	5 6	9 46	0 56	0 21	3 20	28 18	5 9	2 57	1 4	22 6	0 56	0 3	0 47	S 8
M 9	15 34	18 36	4 42	9 4	0 49	0 40	3 31	28 17	5 8	2 52	1 4	22 6	0 56	0 2	0 47	M 9
T 10	15 16	22 9	4 1	8 22	0 41	0 58	3 43	28 15	5 7	2 48	1 4	22 5	0 56	0 2	0 47	T 10
W 11	14 59	24 21	3 5	7 40	0 34	1 16	3 55	28 14	5 5	2 43	1 4	22 5	0 56	0 1	0 48	W 11
T 12	14 41	24 59	1 58	6 57	0 25	1 33	4 7	28 13	5 4	2 38	1 4	22 5	0 56	0 0	0 48	T 12
F 13	14 22	24 0	0 44	6 16	0 17	1 49	4 19	28 11	5 3	2 34	1 4	22 4	0 56	0s 0	0 48	F 13
S 14	14 4	21 30	0s32	5 34	0 8	2 5	4 31	28 10	5 1	2 29	1 4	22 4	0 56	0 1	0 48	S 14
S 15	13 45	17 45	1 46	4 53	0s 1	2 19	4 43	28 8	5 0	2 24	1 4	22 3	0 56	0 2	0 48	S 15
M 16	13 26	13 5	2 52	4 12	0 10	2 33	4 56	28 6	4 58	2 20	1 4	22 3	0 56	0 2	0 48	M 16
T 17	13 7	7 52	3 47	3 31	0 19	2 47	5 8	28 4	4 57	2 15	1 4	22 2	0 56	0 3	0 48	T 17
W 18	12 48	2 23	4 29	2 51	0 29	2 59	5 21	28 2	4 55	2 10	1 4	22 2	0 56	0 4	0 48	W 18
T 19	12 28	3s 3	4 56	2 12	0 38	3 11	5 33	28 0	4 53	2 5	1 4	22 1	0 56	0 5	0 48	T 19
F 20	12 9	8 14	5 8	1 33	0 48	3 21	5 46	27 58	4 52	2 0	1 3	22 1	0 56	0 5	0 48	F 20
S 21	11 49	12 59	5 4	0 55	0 58	3 31	5 58	27 56	4 50	1 56	1 3	22 1	0 56	0 6	0 48	S 21
S 22	11 29	17 8	4 47	0 17	1 8	3 39	6 10	27 53	4 48	1 51	1 3	22 0	0 56	0 7	0 48	S 22
M 23	11 9	20 31	4 18	0s20	1 18	3 47	6 22	27 51	4 46	1 46	1 3	22 0	0 56	0 8	0 48	M 23
T 24	10 48	23 1	3 38	0 56	1 29	3 53	6 34	27 48	4 44	1 41	1 3	21 59	0 56	0 8	0 48	T 24
W 25	10 28	24 31	2 48	1 31	1 39	3 58	6 46	27 45	4 43	1 36	1 3	21 59	0 56	0 9	0 48	W 25
T 26	10 7	24 54	1 51	2 5	1 50	4 2	6 57	27 42	4 41	1 31	1 3	21 58	0 56	0 10	0 48	T 26
F 27	9 46	24 7	0 48	2 38	2 0	4 5	7 8	27 40	4 39	1 26	1 3	21 58	0 56	0 11	0 48	F 27
S 28	9 25	22 11	0n18	3 10	2 10	4 7	7 19	27 37	4 37	1 21	1 3	21 57	0 56	0 12	0 48	S 28
S 29	9 4	19 7	1 24	3 41	2 21	4 7	7 29	27 33	4 35	1 17	1 3	21 57	0 56	0 13	0 48	S 29
M 30	8 42	15 4	2 28	4 11	2 31	4 6	7 39	27 30	4 33	1 12	1 3	21 56	0 56	0 13	0 48	M 30
T 31	8n21	10s12	3n25	4s39	2s41	4s 4	7s48	27s27	4s31	1n 7	1n 3	21n56	0s56	0s14	0s48	T 31

Julian Day Number = 2700122.5, Delta T = 25m47s

Ecliptic obliquity = 23°21'05, Nutation = 0°00'18

Ayanamsha: Fagan/Bradley = 34°15'40, Lahiri = 33°22'40

## ASTRODIENST EPHEMERIS for the year 2680

SEPTEMBER 2680

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	22 43 14	9 <sup>h</sup> 28'17"	7 <sup>h</sup> 46'	6 <sup>h</sup> 15'	21°R38	10 <sup>h</sup> 36'	29 <sup>h</sup> 50'	11 <sup>h</sup> 28'	1°R13	0°R54	7 <sup>h</sup> 52'	11°R49	10 <sup>h</sup> 23'	28 <sup>h</sup> 51'	17 <sup>h</sup> 19'	W 1
T 2	22 47 10	10°26'03"	21°43'	6°56'	21 <sup>h</sup> 8'	10°53'	0 <sup>h</sup> 3'	11°33'	1°Y11	0°Y53	7°54'	11°340	10°20'	28°58'	17°26'	T 2
F 3	22 51 7	11°23'51"	5°Y54'	7°33'	20°35'	11°11'	0°15'	11°38'	1° 9	0°51'	7°55'	11°31'	10°17'	29° 5'	17°33'	F 3
S 4	22 55 3	12°21'41"	20°14'	8° 6'	20° 1'	11°30'	0°28'	11°44'	1° 6	0°50'	7°57'	11°22'	10°14'	29°11'	17°39'	S 4
S 5	22 59 0	13°19'33"	4 <sup>h</sup> 38'	8°34'	19°26'	11°49'	0°41'	11°49'	1° 4	0°48'	7°58'	11°15'	10°11'	29°18'	17°46'	S 5
M 6	23 2 56	14°17'26"	19° 0'	8°59'	18°51'	12° 9'	0°53'	11°54'	1° 2	0°47'	7°59'	11°10'	10° 7'	29°25'	17°53'	M 6
T 7	23 6 53	15°15'21"	3 <sup>h</sup> 11'	9°18'	18°14'	12°30'	1° 6	11°58'	1° 0	0°45'	8° 1'	11° 8'	10° 4'	29°31'	17°59'	T 7
W 8	23 10 49	16°13'18"	17°26'	9°32'	17°37'	12°51'	1°19'	12° 3'	0°57'	0°43'	8° 2'	11°D 7'	10° 1'	29°38'	18° 6'	W 8
T 9	23 14 46	17°11'16"	1 <sup>h</sup> 26'	9°41'	17° 0'	13°12'	1°31'	12° 8'	0°55'	0°42'	8° 4'	11° 8'	9°58'	29°45'	18°12'	T 9
F 10	23 18 43	18° 9'17"	15°16'	9°R45'	16°23'	13°34'	1°44'	12°13'	0°53'	0°40'	8° 5'	11°R 8'	9°55'	29°51'	18°19'	F 10
S 11	23 22 39	19° 7'19"	28°57'	9°42'	15°46'	13°57'	1°57'	12°17'	0°50'	0°39'	8° 6'	11° 6'	9°52'	29°58'	18°25'	S 11
S 12	23 26 36	20° 5'23"	12 <sup>h</sup> 29'	9°34'	15° 9'	14°20'	2°10'	12°22'	0°48'	0°37'	8° 7'	11° 3'	9°48'	0 <sup>h</sup> 5'	18°32'	S 12
M13	23 30 32	21° 3'29"	25°49'	9°20'	14°33'	14°44'	2°22'	12°26'	0°46'	0°35'	8° 9'	10°57'	9°45'	0°11'	18°38'	M13
T 14	23 34 29	22° 1'37"	8 <sup>h</sup> 59'	8°59'	13°58'	15° 8'	2°35'	12°30'	0°43'	0°34'	8°10'	10°47'	9°42'	0°18'	18°44'	T 14
W15	23 38 25	22°59'46"	21°56'	8°32'	13°25'	15°33'	2°48'	12°35'	0°41'	0°32'	8°11'	10°36'	9°39'	0°25'	18°51'	W15
T 16	23 42 22	23°57'57"	4 <sup>h</sup> 40'	7°58'	12°52'	15°58'	3° 1'	12°39'	0°39'	0°30'	8°12'	10°24'	9°36'	0°31'	18°57'	T 16
F 17	23 46 18	24°56'09"	17°10'	7°19'	12°22'	16°23'	3°14'	12°43'	0°36'	0°29'	8°14'	10°11'	9°32'	0°38'	19° 3'	F 17
S 18	23 50 15	25°54'23"	29°26'	6°34'	11°52'	16°49'	3°27'	12°47'	0°34'	0°27'	8°15'	10° 0'	9°29'	0°45'	19° 9'	S 18
S 19	23 54 12	26°52'39"	11 <sup>h</sup> 31'	5°44'	11°25'	17°16'	3°40'	12°51'	0°31'	0°26'	8°16'	9°50'	9°26'	0°52'	19°15'	S 19
M20	23 58 8	27°50'56"	23°27'	4°50'	11° 0'	17°43'	3°53'	12°54'	0°29'	0°24'	8°17'	9°43'	9°23'	0°58'	19°21'	M20
T 21	0 2 5	28°49'15"	5 <sup>h</sup> 17'	3°52'	10°36'	18°10'	4° 5'	12°58'	0°27'	0°22'	8°18'	9°38'	9°20'	1° 5'	19°28'	T 21
W22	0 6 1	29°47'36"	17° 5'	2°52'	10°15'	18°38'	4°18'	13° 2'	0°24'	0°21'	8°19'	9°36'	9°17'	1°12'	19°34'	W22
T 23	0 9 58	0 <sup>h</sup> 45'58"	10 <sup>h</sup> 57'	1°50'	9°56'	19° 7'	4°31'	13° 5'	0°22'	0°19'	8°21'	9°D36'	9°13'	1°18'	19°39'	T 23
F 24	0 13 54	1°44'21"	28°59'	0°49'	9°40'	19°35'	4°44'	13° 8'	0°19'	0°17'	8°22'	9°R36'	9°10'	1°25'	19°45'	F 24
S 25	0 17 51	2°42'46"	23°15'	29 <sup>h</sup> 50'	9°26'	20° 4'	4°57'	13°12'	0°17'	0°16'	8°23'	9°35'	9° 7'	1°32'	19°51'	S 25
S 26	0 21 47	3°41'13"	5 <sup>h</sup> 51'	28°54'	9°14'	20°34'	5°10'	13°15'	0°15'	0°14'	8°24'	9°33'	9° 4'	1°38'	19°57'	S 26
M27	0 25 44	4°39'41"	18°50'	28° 2'	9° 4'	21° 4'	5°23'	13°18'	0°12'	0°12'	8°25'	9°29'	9° 1'	1°45'	20° 3'	M27
T 28	0 29 41	5°38'11"	2 <sup>h</sup> 16'	27°16'	8°58'	21°34'	5°36'	13°21'	0°10'	0°11'	8°26'	9°22'	8°58'	1°52'	20° 9'	T 28
W29	0 33 37	6°36'42"	16° 8'	26°37'	8°53'	22° 4'	5°49'	13°24'	0° 7'	0° 9'	8°27'	9°12'	8°54'	1°58'	20°14'	W29
T 30	0 37 34	7 <sup>h</sup> 35'16"	0°Y25'	26 <sup>h</sup> 7'	8°D51'	22 <sup>h</sup> 35'	6 <sup>h</sup> 2'	13 <sup>h</sup> 27'	0°Y 5	0°Y 7	8 <sup>h</sup> 28'	9 <sup>h</sup> 3'	8 <sup>h</sup> 51'	2 <sup>h</sup> 5'	20 <sup>h</sup> 20'	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	7n59	4s43	4n13	5s 6	2s51	4s 0	7s56	27s24	4s29	1n 2	1n 3	21n56	0s56	0s15	0s48	0s42
T 2	7 38	1n 7	4 46	5 31	3 1	3 55	8 4	27 20	4 27	0 57	1 3	21 55	0 56	0 16	0 48	0 43
F 3	7 16	6 58	5 3	5 54	3 11	3 49	8 11	27 16	4 24	0 52	1 3	21 55	0 56	0 17	0 48	0 43
S 4	6 54	12 31	5 1	6 16	3 20	3 42	8 18	27 13	4 22	0 47	1 3	21 54	0 56	0 18	0 48	0 44
S 5	6 32	17 24	4 39	6 35	3 29	3 34	8 23	27 9	4 20	0 42	1 3	21 54	0 56	0 19	0 48	0 45
M 6	6 10	21 16	4 1	6 53	3 38	3 24	8 28	27 5	4 18	0 37	1 3	21 53	0 56	0 20	0 48	0 45
T 7	5 47	23 48	3 7	7 8	3 46	3 14	8 32	27 1	4 16	0 32	1 3	21 53	0 56	0 20	0 48	0 46
W 8	5 25	24 48	2 3	7 21	3 53	3 2	8 35	26 57	4 14	0 26	1 3	21 52	0 56	0 21	0 48	0 46
T 9	5 3	24 12	0 51	7 31	4 0	2 50	8 37	26 53	4 12	0 21	1 3	21 52	0 56	0 22	0 48	0 47
F 10	4 40	22 7	0s22	7 38	4 7	2 36	8 38	26 48	4 10	0 16	1 3	21 52	0 56	0 23	0 48	0 48
S 11	4 17	18 46	1 33	7 42	4 12	2 22	8 38	26 44	4 8	0 11	1 3	21 51	0 56	0 24	0 48	0 48
S 12	3 55	14 28	2 38	7 42	4 16	2 8	8 37	26 39	4 5	0 6	1 3	21 51	0 56	0 25	0 48	0 49
M13	3 32	9 31	3 34	7 40	4 20	1 53	8 36	26 34	4 3	0 1	1 3	21 50	0 56	0 26	0 48	0 50
T 14	3 9	4 12	4 17	7 33	4 22	1 37	8 33	26 29	4 1	0s 4	1 3	21 50	0 56	0 27	0 48	0 50
W15	2 46	1s11	4 46	7 23	4 22	1 21	8 30	26 24	3 59	0 9	1 3	21 50	0 56	0 28	0 48	0 51
T 16	2 23	6 26	5 0	7 9	4 21	1 5	8 25	26 19	3 57	0 14	1 3	21 49	0 56	0 29	0 48	0 52
F 17	2 0	11 19	4 59	6 51	4 19	0 49	8 20	26 14	3 55	0 19	1 3	21 49	0 56	0 30	0 48	0 52
S 18	1 37	15 40	4 44	6 30	4 15	0 33	8 14	26 8	3 52	0 24	1 3	21 48	0 56	0 31	0 48	0 53
S 19	1 14	19 18	4 17	6 4	4 9	0 16	8 8	26 3	3 50	0 29	1 3	21 48	0 56	0 32	0 48	0 54
M20	0 51	22 6	3 39	5 36	4 1	0 0	8 1	25 57	3 48	0 35	1 3	21 48	0 56	0 33	0 48	0 54
T 21	0 28	23 55	2 51	5 4	3 51	0n16	7 53	25 51	3 46	0 40	1 3	21 47	0 56	0 34	0 48	0 55
W22	0 5	24 39	1 56	4 29	3 39	0 31	7 44	25 45	3 44	0 45	1 3	21 47	0 56	0 35	0 48	0 56
T 23	0s18	24 17	0 56	3 52	3 25	0 46	7 35	25 39	3 41	0 50	1 3	21 47	0 56	0 35	0 48	0 56
F 24	0 41	22 47	0n 7	3 14	3 10	1 1	7 26	25 33	3 39	0 55	1 3	21 46	0 56	0 36	0 48	0 57
S 25	1 4	20 11	1 12	2 35	2 53	1 16	7 16	25 26	3 37	1 0	1 3	21 46	0 56	0 37	0 48	0 58
S 26	1 28	16 34	2 14	1 56	2 35	1 29	7 6	25 20	3 35	1 5	1 3	21 46	0 56	0 38	0 48	0 58
M27	1 51	12 5	3 12	1 18	2 16	1 42	6 56	25 13	3 33	1 10	1 3	21 45	0 56	0 39	0 48	0 59
T 28	2 14	6 53	4 0	0 42	1 57	1 55	6 45	25 6	3 31	1 15	1 3	21 45	0 56	0 40	0 48	1 0
W29	2 37	1 12	4 37	0 8	1 37	2 7	6 34	24 59	3 28	1 20	1 3	21 45	0 56	0 41	0 48	1 0
T 30	3s 0	4n42	4n57	0n22	1s17	2n18	6s23	24s52	3s26	1s25	1n 3	21n44	0s56	0s42	0s48	1s 1

Julian Day Number = 2700153.5, Delta T = 25m48s

Ecliptic obliquity = 23°21'05", Nutation = 0°00'18"

Ayanamsha: Fagan/Bradley = 34°15'44", Lahiri = 33°22'44"



# ASTRODIENST EPHEMERIS for the year 2680

NOVEMBER 2680

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	2 43 43	9♈ 6'59	8♈36	4♈52	24♈0	11♈27	12♈49	14°R 1	28°R58	29°R21	8♈47	5°R43	7♈9	5♈38	22♈45	M 1
T 2	2 47 40	10° 6'38	23°30	6°34	24°50	12° 5	13° 1	14° 0	28°56	29°20	8°47	5°30	7° 6	5°45	22°48	T 2
W 3	2 51 36	11° 6'19	8° 5	8°15	25°40	12°44	13°13	13°59	28°55	29°18	8°47	5°D39	7° 3	5°52	22°51	W 3
T 4	2 55 33	12° 6'02	22°17	9°56	26°31	13°23	13°25	13°59	28°53	29°17	8°47	5°40	7° 0	5°58	22°54	T 4
F 5	2 59 30	13° 5'48	6° 6	11°36	27°22	14° 3	13°37	13°57	28°52	29°16	8°47	5°41	6°57	6° 5	22°57	F 5
S 6	3 3 26	14° 5'35	19°33	13°16	28°15	14°42	13°49	13°56	28°50	29°15	8°47	5°R41	6°54	6°12	23° 0	S 6
S 7	3 7 23	15° 5'25	2♈40	14°55	29° 8	15°21	14° 1	13°55	28°49	29°14	8°47	5°39	6°50	6°18	23° 3	S 7
M 8	3 11 19	16° 5'17	15°29	16°34	0♈ 2	16° 1	14°13	13°54	28°47	29°13	8°47	5°36	6°47	6°25	23° 6	M 8
T 9	3 15 16	17° 5'11	28° 4	18°12	0°56	16°41	14°25	13°52	28°46	29°12	8°R47	5°30	6°44	6°32	23° 9	T 9
W10	3 19 12	18° 5'07	10♈27	19°50	1°51	17°21	14°37	13°50	28°45	29°11	8°47	5°22	6°41	6°38	23°11	W10
T 11	3 23 9	19° 5'06	22°40	21°27	2°47	18° 1	14°49	13°49	28°43	29°10	8°47	5°13	6°38	6°45	23°14	T 11
F 12	3 27 5	20° 5'06	4♈45	23° 4	3°43	18°41	15° 0	13°47	28°42	29° 9	8°47	5° 4	6°35	6°52	23°16	F 12
S 13	3 31 2	21° 5'08	16°42	24°40	4°40	19°21	15°12	13°45	28°41	29° 8	8°47	4°56	6°31	6°58	23°18	S 13
S 14	3 34 59	22° 5'12	28°34	26°16	5°38	20° 2	15°24	13°43	28°40	29° 8	8°47	4°49	6°28	7° 5	23°20	S 14
M15	3 38 55	23° 5'18	10♈23	27°51	6°36	20°42	15°35	13°41	28°39	29° 7	8°47	4°44	6°25	7°12	23°22	M15
T 16	3 42 52	24° 5'26	22°10	29°26	7°34	21°23	15°47	13°39	28°38	29° 6	8°47	4°41	6°22	7°18	23°24	T 16
W17	3 46 48	25° 5'36	3♈58	1♈ 1	8°33	22° 4	15°58	13°36	28°37	29° 5	8°46	4°D40	6°19	7°25	23°26	W17
T 18	3 50 45	26° 5'46	15°50	2°35	9°32	22°45	16° 9	13°34	28°36	29° 4	8°46	4°40	6°15	7°32	23°28	T 18
F 19	3 54 41	27° 5'59	27°50	4° 9	10°32	23°26	16°21	13°31	28°35	29° 4	8°46	4°42	6°12	7°38	23°30	F 19
S 20	3 58 38	28° 6'13	10♈ 3	5°42	11°32	24° 7	16°32	13°29	28°34	29° 3	8°46	4°43	6° 9	7°45	23°31	S 20
S 21	4 2 34	29° 6'28	22°33	7°16	12°33	24°48	16°43	13°26	28°33	29° 2	8°45	4°45	6° 6	7°52	23°33	S 21
M22	4 6 31	0♈ 6'45	5♈24	8°49	13°34	25°29	16°54	13°23	28°32	29° 2	8°45	4°R45	6° 3	7°58	23°34	M22
T 23	4 10 28	1° 7'03	18°41	10°21	14°36	26°10	17° 5	13°20	28°32	29° 1	8°45	4°43	6° 0	8° 5	23°36	T 23
W24	4 14 24	2° 7'23	2°Y26	11°53	15°38	26°52	17°16	13°17	28°31	29° 1	8°44	4°40	5°56	8°12	23°37	W24
T 25	4 18 21	3° 7'44	16°40	13°25	16°40	27°33	17°27	13°14	28°30	29° 0	8°44	4°36	5°53	8°18	23°38	T 25
F 26	4 22 17	4° 8'06	1♈20	14°57	17°43	28°15	17°37	13°11	28°30	29° 0	8°43	4°32	5°50	8°25	23°39	F 26
S 27	4 26 14	5° 8'30	16°22	16°28	18°46	28°57	17°48	13° 8	28°29	28°59	8°43	4°28	5°47	8°32	23°40	S 27
S 28	4 30 10	6° 8'55	1♈36	18° 0	19°49	29°38	17°59	13° 4	28°29	28°59	8°42	4°24	5°44	8°38	23°40	S 28
M29	4 34 7	7° 9'22	16°52	19°30	20°53	0♈20	18° 9	13° 1	28°28	28°58	8°42	4°22	5°41	8°45	23°41	M29
T 30	4 38 3	8♈ 9'51	2♈ 0	21♈ 1	21♈57	1♈ 2	18♈20	12♈57	28♈28	28♈58	8♈41	4°D21	5♈37	8♈52	23♈42	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	14s29	23n57	2n20	12s 4	1n 5	1n36	0s51	19s32	2s20	4s 3	1n 5	21n41	0s57	1s 8	0s47	1s19
T 2	14 48	24 16	1 5	12 43	0 59	1 23	0 43	19 19	2 18	4 8	1 5	21 41	0 57	1 9	0 47	1 20
W 3	15 6	22 53	0s13	13 22	0 53	1 11	0 35	19 6	2 16	4 12	1 5	21 41	0 57	1 9	0 47	1 20
T 4	15 25	20 4	1 28	14 0	0 46	0 58	0 28	18 53	2 14	4 17	1 5	21 41	0 57	1 10	0 47	1 20
F 5	15 43	16 9	2 36	14 38	0 40	0 44	0 20	18 40	2 13	4 21	1 5	21 41	0 57	1 10	0 47	1 21
S 6	16 1	11 31	3 34	15 14	0 33	0 30	0 13	18 27	2 11	4 26	1 5	21 41	0 57	1 11	0 47	1 21
S 7	16 18	6 28	4 18	15 50	0 27	0 15	0 6	18 13	2 9	4 31	1 5	21 41	0 57	1 12	0 47	1 22
M 8	16 35	1 15	4 49	16 25	0 20	0 0	0n 1	18 0	2 7	4 35	1 5	21 41	0 57	1 12	0 47	1 22
T 9	16 53	3s54	5 5	16 59	0 13	0s15	0 8	17 46	2 5	4 40	1 5	21 41	0 57	1 13	0 47	1 22
W10	17 9	8 49	5 6	17 32	0 6	0 31	0 15	17 32	2 3	4 44	1 6	21 42	0 57	1 13	0 47	1 23
T 11	17 26	13 20	4 54	18 4	0s 1	0 47	0 21	17 18	2 1	4 48	1 6	21 42	0 57	1 14	0 47	1 23
F 12	17 42	17 15	4 28	18 35	0 7	1 4	0 27	17 4	1 59	4 53	1 6	21 42	0 57	1 14	0 47	1 24
S 13	17 58	20 27	3 50	19 6	0 14	1 20	0 33	16 49	1 57	4 57	1 6	21 42	0 57	1 14	0 47	1 24
S 14	18 13	22 45	3 3	19 35	0 21	1 38	0 39	16 35	1 56	5 2	1 6	21 42	0 57	1 15	0 47	1 24
M15	18 29	24 2	2 8	20 3	0 28	1 55	0 45	16 20	1 54	5 6	1 6	21 43	0 57	1 15	0 47	1 24
T 16	18 44	24 15	1 7	20 31	0 34	2 13	0 51	16 5	1 52	5 10	1 6	21 43	0 57	1 16	0 47	1 25
W17	18 58	23 21	0 4	20 57	0 41	2 31	0 56	15 50	1 50	5 14	1 6	21 43	0 57	1 16	0 47	1 25
T 18	19 12	21 25	1n 1	21 22	0 47	2 50	1 1	15 35	1 48	5 19	1 6	21 43	0 57	1 16	0 47	1 25
F 19	19 26	18 30	2 3	21 46	0 53	3 8	1 6	15 20	1 47	5 23	1 7	21 44	0 57	1 17	0 47	1 26
S 20	19 40	14 45	3 1	22 9	1 0	3 27	1 11	15 5	1 45	5 27	1 7	21 44	0 57	1 17	0 47	1 26
S 21	19 53	10 17	3 52	22 31	1 6	3 46	1 16	14 50	1 43	5 31	1 7	21 44	0 57	1 17	0 47	1 26
M22	20 6	5 16	4 33	22 52	1 12	4 6	1 21	14 34	1 41	5 35	1 7	21 44	0 57	1 18	0 47	1 26
T 23	20 18	0n 9	5 1	23 12	1 18	4 25	1 25	14 18	1 39	5 39	1 7	21 45	0 57	1 18	0 47	1 26
W24	20 31	5 45	5 13	23 30	1 23	4 45	1 29	14 3	1 38	5 43	1 7	21 45	0 57	1 18	0 47	1 27
T 25	20 42	11 14	5 6	23 48	1 29	5 5	1 34	13 47	1 36	5 47	1 7	21 45	0 57	1 18	0 47	1 27
F 26	20 54	16 16	4 40	24 4	1 34	5 25	1 38	13 31	1 34	5 51	1 8	21 46	0 57	1 19	0 47	1 27
S 27	21 5	20 24	3 54	24 19	1 39	5 46	1 41	13 15	1 32	5 55	1 8	21 46	0 57	1 19	0 46	1 27
S 28	21 15	23 11	2 50	24 33	1 44	6 6	1 45	12 58	1 31	5 59	1 8	21 46	0 57	1 19	0 46	1 27
M29	21 25	24 17	1 35	24 45	1 49	6 27	1 49	12 42	1 29	6 3	1 8	21 47	0 56	1 19	0 46	1 27
T 30	21s35	23n33	0n13	24s56	1s54	6s47	1n52	12s26	1s27	6s 7	1n 8	21n47	0s56	1s19	0s46	1s27

Julian Day Number = 2700214.5, Delta T = 25m48s  
 Ecliptic obliquity = 23°21'04", Nutation = 0°00'16"  
 Ayanamsha: Fagan/Bradley = 34°15'53", Lahiri = 33°22'53"



# ASTRODIENST EPHEMERIS for the year 2681

JANUARY 2681

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 44 13	10°36'23	7°12'29	25°R18	28°M11	23°K48	22°A56	10°R34	28°K42	29°K 5	8°R14	4°R12	3°B56	12°A25	23°R 7	S 1
S 2	6 48 10	11°37'27	20°49	24°B49	29°22	24°32	23° 2	10°B29	28°43	29° 6	8°L13	4°B11	3°53	12°31	23°L 5	S 2
M 3	6 52 6	12°38'31	3°A44	24° 8	0°A33	25°15	23° 9	10°24	28°45	29° 7	8°11	4°10	3°49	12°38	23° 2	M 3
T 4	6 56 3	13°39'35	16°16	23°17	1°44	25°58	23°15	10°19	28°46	29° 7	8°10	4°D10	3°46	12°45	22°59	T 4
W 5	7 0 0	14°40'41	28°31	22°15	2°55	26°41	23°21	10°14	28°47	29° 8	8° 9	4°11	3°43	12°51	22°56	W 5
T 6	7 3 56	15°41'47	10°M32	21° 4	4° 6	27°24	23°27	10° 9	28°49	29° 9	8° 8	4°12	3°40	12°58	22°53	T 6
F 7	7 7 53	16°42'53	22°24	19°47	5°17	28° 8	23°33	10° 4	28°50	29°10	8° 7	4°13	3°37	13° 5	22°50	F 7
S 8	7 11 49	17°44'01	4°A12	18°26	6°29	28°51	23°38	10° 0	28°52	29°11	8° 5	4°14	3°33	13°11	22°47	S 8
S 9	7 15 46	18°45'08	15°59	17° 4	7°40	29°34	23°44	9°55	28°54	29°12	8° 4	4°15	3°30	13°18	22°44	S 9
M10	7 19 42	19°46'16	27°49	15°44	8°52	0°Y17	23°49	9°50	28°55	29°13	8° 3	4°16	3°27	13°25	22°41	M10
T11	7 23 39	20°47'25	9°B45	14°27	10° 3	1° 1	23°54	9°45	28°57	29°14	8° 2	4°R16	3°24	13°31	22°37	T11
W12	7 27 36	21°48'33	21°48	13°17	11°15	1°44	23°59	9°40	28°59	29°15	8° 0	4°15	3°21	13°38	22°34	W12
T13	7 31 32	22°49'42	4°A 1	12°14	12°27	2°27	24° 4	9°35	29° 0	29°17	7°59	4°13	3°18	13°45	22°31	T13
F14	7 35 29	23°50'50	16°24	11°21	13°39	3°10	24° 9	9°31	29° 2	29°18	7°58	4°11	3°14	13°51	22°27	F14
S15	7 39 25	24°51'59	29° 0	10°37	14°51	3°54	24°13	9°26	29° 4	29°19	7°57	4° 7	3°11	13°58	22°23	S15
S16	7 43 22	25°53'07	11°K48	10° 4	16° 3	4°37	24°18	9°21	29° 6	29°20	7°55	4° 4	3° 8	14° 4	22°20	S16
M17	7 47 18	26°54'15	24°50	9°41	17°15	5°20	24°22	9°17	29° 8	29°21	7°54	4° 1	3° 5	14°11	22°16	M17
T18	7 51 15	27°55'23	8°Y 7	9°28	18°27	6° 3	24°26	9°12	29°10	29°23	7°53	3°58	3° 2	14°18	22°12	T18
W19	7 55 11	28°56'30	21°40	9°D24	19°39	6°47	24°30	9° 8	29°12	29°24	7°51	3°57	2°59	14°24	22° 8	W19
T20	7 59 8	29°57'37	5°B29	9°29	20°52	7°30	24°33	9° 3	29°14	29°25	7°50	3°D57	2°55	14°31	22° 5	T20
F21	8 3 5	0°A58'43	19°35	9°42	22° 4	8°13	24°37	8°59	29°16	29°27	7°49	3°58	2°52	14°38	22° 1	F21
S22	8 7 1	1°59'49	3°I56	10° 2	23°16	8°56	24°40	8°54	29°19	29°28	7°47	3°59	2°49	14°44	21°57	S22
S23	8 10 58	3° 0'55	18°30	10°29	24°29	9°40	24°43	8°50	29°21	29°29	7°46	4° 1	2°46	14°51	21°53	S23
M24	8 14 54	4° 1'59	3°B13	11° 3	25°42	10°23	24°46	8°46	29°23	29°31	7°45	4°R 1	2°43	14°58	21°49	M24
T25	8 18 51	5° 3'04	18° 0	11°42	26°54	11° 6	24°49	8°42	29°25	29°32	7°44	4° 1	2°39	15° 4	21°44	T25
W26	8 22 47	6° 4'08	2°L42	12°25	28° 7	11°49	24°51	8°38	29°28	29°34	7°42	3°58	2°36	15°11	21°40	W26
T27	8 26 44	7° 5'11	17°14	13°14	29°20	12°32	24°54	8°34	29°30	29°35	7°41	3°54	2°33	15°18	21°36	T27
F28	8 30 40	8° 6'14	1°M28	14° 6	0°B32	13°16	24°56	8°30	29°32	29°37	7°40	3°49	2°30	15°24	21°32	F28
S29	8 34 37	9° 7'16	15°19	15° 2	1°45	13°59	24°58	8°26	29°35	29°39	7°38	3°43	2°27	15°31	21°28	S29
S30	8 38 34	10° 8'18	28°45	16° 1	2°58	14°42	25° 0	8°22	29°37	29°40	7°37	3°38	2°24	15°38	21°23	S30
M31	8 42 30	11°A9'20	11°A46	17°B 3	4°B11	15°Y25	25°A 1	8°B18	29°K40	29°K42	7°L36	3°B33	2°B20	15°A44	21°L19	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	22s56	4n20	4s44	20s42	0n18	17s18	2n26	3s 3	0s39	7s44	1n14	22n 2	0s54	1s12	0s45	1s24
S 2	22 51	1s 7	5 9	20 29	0 37	17 34	2 26	2 44	0 37	7 46	1 14	22 2	0 54	1 12	0 45	1 24
M 3	22 45	6 20	5 18	20 17	0 56	17 50	2 25	2 26	0 36	7 49	1 14	22 3	0 54	1 11	0 45	1 23
T 4	22 39	11 9	5 11	20 6	1 16	18 5	2 23	2 8	0 35	7 51	1 15	22 3	0 54	1 11	0 45	1 23
W 5	22 33	15 25	4 50	19 57	1 36	18 20	2 22	1 50	0 34	7 53	1 15	22 4	0 54	1 10	0 45	1 22
T 6	22 26	18 59	4 16	19 50	1 54	18 35	2 21	1 31	0 32	7 55	1 15	22 4	0 54	1 9	0 45	1 22
F 7	22 19	21 43	3 32	19 44	2 12	18 49	2 20	1 13	0 31	7 57	1 15	22 5	0 54	1 9	0 45	1 22
S 8	22 11	23 31	2 39	19 39	2 28	19 2	2 18	0 55	0 30	7 58	1 16	22 5	0 54	1 8	0 45	1 21
S 9	22 3	24 16	1 40	19 36	2 42	19 16	2 17	0 36	0 28	8 0	1 16	22 6	0 53	1 7	0 45	1 21
M10	21 54	23 56	0 36	19 34	2 53	19 28	2 15	0 18	0 27	8 2	1 16	22 6	0 53	1 7	0 45	1 20
T11	21 45	22 29	0n30	19 33	3 2	19 41	2 13	0n 0	0 26	8 4	1 16	22 7	0 53	1 6	0 45	1 20
W12	21 36	20 1	1 36	19 34	3 9	19 52	2 11	0 19	0 25	8 5	1 17	22 7	0 53	1 5	0 45	1 19
T13	21 26	16 38	2 37	19 35	3 13	20 4	2 10	0 37	0 23	8 7	1 17	22 8	0 53	1 5	0 45	1 19
F14	21 15	12 29	3 32	19 38	3 14	20 15	2 8	0 55	0 22	8 8	1 17	22 8	0 53	1 4	0 45	1 18
S15	21 5	7 45	4 18	19 42	3 14	20 25	2 6	1 13	0 21	8 10	1 17	22 8	0 53	1 3	0 45	1 18
S16	20 53	2 37	4 52	19 47	3 12	20 35	2 4	1 31	0 20	8 11	1 17	22 9	0 53	1 2	0 44	1 17
M17	20 42	2n43	5 11	19 53	3 8	20 44	2 1	1 50	0 19	8 12	1 18	22 9	0 52	1 1	0 44	1 17
T18	20 30	8 1	5 14	19 59	3 3	20 52	1 59	2 8	0 17	8 14	1 18	22 10	0 52	1 1	0 44	1 16
W19	20 18	13 3	5 0	20 5	2 56	21 0	1 57	2 26	0 16	8 15	1 18	22 10	0 52	1 0	0 44	1 16
T20	20 5	17 31	4 29	20 13	2 49	21 8	1 54	2 44	0 15	8 16	1 18	22 11	0 52	0 59	0 44	1 15
F21	19 52	21 6	3 40	20 20	2 41	21 15	1 52	3 2	0 14	8 17	1 19	22 11	0 52	0 58	0 44	1 15
S22	19 39	23 26	2 38	20 27	2 32	21 21	1 50	3 20	0 13	8 18	1 19	22 12	0 52	0 57	0 44	1 14
S23	19 25	24 15	1 24	20 34	2 23	21 27	1 47	3 38	0 12	8 19	1 19	22 12	0 52	0 56	0 44	1 14
M24	19 11	23 23	0 4	20 41	2 13	21 32	1 44	3 56	0 11	8 19	1 19	22 12	0 51	0 55	0 44	1 13
T25	18 56	20 54	1s16	20 47	2 3	21 37	1 42	4 14	0 10	8 20	1 20	22 13	0 51	0 54	0 44	1 12
W26	18 41	17 2	2 31	20 53	1 53	21 41	1 39	4 32	0 8	8 21	1 20	22 13	0 51	0 53	0 44	1 12
T27	18 26	12 12	3 35	20 59	1 43	21 45	1 36	4 49	0 7	8 22	1 20	22 14	0 51	0 52	0 44	1 11
F28	18 10	6 48	4 24	21 4	1 33	21 47	1 34	5 7	0 6	8 22	1 20	22 14	0 51	0 51	0 44	1 11
S29	17 55	1 13	4 56	21 7	1 23	21 50	1 31	5 25	0 5	8 23	1 21	22 14	0 51	0 50	0 44	1 10
S30	17 38	4s15	5 10	21 11	1 14	21 51	1 28	5 42	0 4	8 23	1 21	22 15	0 51	0 49	0 44	1 9
M31	17s22	9s22	5s 8	21s13	1n 4	21s52	1n25	6n 0	0s 3	8s23	1n21	22n15	0s50	0s48	0s44	1s 9

Julian Day Number = 2700275.5, Delta T = 25m49s  
Ecliptic obliquity = 23°21'03, Nutation = 0°00'18  
Ayanamsha: Fagan/Bradley = 34°16'01, Lahiri = 33°23'01

# ASTRODIENST EPHEMERIS for the year 2681

FEBRUARY 2681

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 46 27	12°10'22	24°24	18°38	5°32	16°08	25°23	8°R15	29°42	29°44	7°R34	3°R29	2°31	15°51	21°R15	T 1
W 2	8 50 23	13°11'23	6°42	19°15	6°37	16°51	25°4	8°R11	29°45	29°45	7°R33	3°R27	2°14	15°58	21°R10	W 2
T 3	8 54 20	14°12'23	18°44	20°25	7°50	17°34	25°5	8°7	29°48	29°47	7°32	3°D27	2°11	16°4	21°6	T 3
F 4	8 58 16	15°13'24	0°37	21°36	9°3	18°17	25°6	8°4	29°50	29°49	7°30	3°28	2°8	16°11	21°1	F 4
S 5	9 2 13	16°14'24	12°24	22°49	10°16	19°0	25°7	8°1	29°53	29°50	7°29	3°30	2°5	16°17	20°57	S 5
S 6	9 6 9	17°15'23	24°12	24°4	11°30	19°43	25°7	7°57	29°56	29°52	7°28	3°31	2°1	16°24	20°53	S 6
M 7	9 10 6	18°16'22	6°35	25°20	12°43	20°26	25°8	7°54	29°58	29°54	7°26	3°R32	1°58	16°31	20°48	M 7
T 8	9 14 3	19°17'20	18°6	26°38	13°56	21°9	25°R 8	7°51	0°Y 1	29°56	7°25	3°31	1°55	16°37	20°44	T 8
W 9	9 17 59	20°18'17	0°19	27°57	15°9	21°52	25°8	7°48	0°4	29°58	7°24	3°27	1°52	16°44	20°39	W 9
T 10	9 21 56	21°19'14	12°47	29°18	16°23	22°35	25°7	7°45	0°7	29°59	7°22	3°21	1°49	16°51	20°35	T 10
F 11	9 25 52	22°20'09	25°29	0°39	17°36	23°18	25°7	7°42	0°10	0°Y 1	7°21	3°14	1°45	16°57	20°30	F 11
S 12	9 29 49	23°21'04	8°26	2°2	18°50	24°1	25°6	7°40	0°12	0°3	7°20	3°4	1°42	17°4	20°26	S 12
S 13	9 33 45	24°21'57	21°37	3°26	20°3	24°44	25°5	7°37	0°15	0°5	7°19	2°55	1°39	17°11	20°21	S 13
M14	9 37 42	25°22'50	5°Y 1	4°51	21°16	25°27	25°4	7°35	0°18	0°7	7°17	2°46	1°36	17°17	20°17	M14
T 15	9 41 38	26°23'41	18°36	6°16	22°30	26°10	25°3	7°32	0°21	0°9	7°16	2°39	1°33	17°24	20°12	T 15
W16	9 45 35	27°24'30	2°21	7°43	23°44	26°52	25°2	7°30	0°24	0°11	7°15	2°33	1°30	17°31	20°8	W16
T 17	9 49 32	28°25'19	16°13	9°10	24°57	27°35	25°0	7°28	0°27	0°13	7°14	2°31	1°26	17°37	20°4	T 17
F 18	9 53 28	29°26'06	0°II 13	10°39	26°11	28°18	24°58	7°25	0°30	0°15	7°12	2°D30	1°23	17°44	19°59	F 18
S 19	9 57 25	0°26'51	14°20	12°8	27°24	29°1	24°56	7°23	0°33	0°17	7°11	2°31	1°20	17°51	19°55	S 19
S 20	10 1 21	1°27'35	28°33	13°39	28°38	29°43	24°54	7°22	0°36	0°19	7°10	2°R31	1°17	17°57	19°50	S 20
M21	10 5 18	2°28'17	12°50	15°10	29°51	0°B26	24°52	7°20	0°40	0°21	7°9	2°31	1°14	18°4	19°46	M21
T 22	10 9 14	3°28'58	27°8	16°42	1°5	1°9	24°49	7°18	0°43	0°23	7°8	2°28	1°11	18°11	19°42	T 22
W23	10 13 11	4°29'38	11°Q24	18°14	2°19	1°51	24°47	7°17	0°46	0°25	7°7	2°23	1°7	18°17	19°38	W23
T 24	10 17 7	5°30'15	25°34	19°48	3°32	2°34	24°44	7°15	0°49	0°27	7°5	2°15	1°4	18°24	19°33	T 24
F 25	10 21 4	6°30'52	9°II 31	21°22	4°46	3°17	24°41	7°14	0°52	0°30	7°4	2°5	1°1	18°30	19°29	F 25
S 26	10 25 1	7°31'27	23°12	22°58	6°0	3°59	24°38	7°12	0°55	0°32	7°3	1°54	0°58	18°37	19°25	S 26
S 27	10 28 57	8°32'00	6°B32	24°34	7°14	4°42	24°34	7°11	0°59	0°34	7°2	1°43	0°55	18°44	19°21	S 27
M28	10 32 54	9°32'32	19°B32	26°11	8°27	5°B24	24°B31	7°B10	1°Y 2	0°Y36	7°B1	1°B32	0°B51	18°B50	19°B17	M28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	17s 5	13s56	4s51	21s14	0n54	21s52	1n22	6n17	0s 2	8s24	1n21	22n16	0s50	0s47	0s44	1s 8	T 1
W 2	16 48	17 48	4 21	21 15	0 44	21 52	1 19	6 35	0 1	8 24	1 22	22 16	0 50	0 46	0 44	1 7	W 2
T 3	16 30	20 51	3 40	21 14	0 35	21 51	1 16	6 52	0 0	8 24	1 22	22 16	0 50	0 45	0 44	1 6	T 3
F 4	16 13	22 58	2 49	21 12	0 26	21 50	1 13	7 10	0n 1	8 24	1 22	22 17	0 50	0 44	0 44	1 6	F 4
S 5	15 55	24 3	1 52	21 9	0 17	21 47	1 10	7 27	0 2	8 24	1 22	22 17	0 50	0 43	0 44	1 5	S 5
S 6	15 36	24 4	0 50	21 6	0 8	21 45	1 7	7 44	0 3	8 24	1 23	22 17	0 49	0 42	0 44	1 4	S 6
M 7	15 18	22 59	0n14	21 0	0s 1	21 41	1 4	8 1	0 4	8 24	1 23	22 18	0 49	0 41	0 44	1 4	M 7
T 8	14 59	20 50	1 18	20 54	0 9	21 37	1 1	8 18	0 5	8 24	1 23	22 18	0 49	0 40	0 44	1 3	T 8
W 9	14 40	17 44	2 20	20 47	0 18	21 32	0 58	8 35	0 6	8 24	1 23	22 19	0 49	0 39	0 44	1 2	W 9
T 10	14 21	13 47	3 16	20 38	0 26	21 27	0 55	8 52	0 7	8 23	1 24	22 19	0 49	0 37	0 44	1 1	T 10
F 11	14 1	9 10	4 3	20 29	0 33	21 21	0 51	9 8	0 8	8 23	1 24	22 19	0 49	0 36	0 44	1 1	F 11
S 12	13 41	4 4	4 39	20 18	0 41	21 14	0 48	9 25	0 9	8 22	1 24	22 20	0 48	0 35	0 44	1 0	S 12
S 13	13 21	1n18	5 0	20 6	0 48	21 7	0 45	9 42	0 10	8 22	1 24	22 20	0 48	0 34	0 44	0 59	S 13
M14	13 1	6 40	5 6	19 53	0 55	20 59	0 42	9 58	0 10	8 21	1 25	22 20	0 48	0 33	0 44	0 58	M14
T 15	12 40	11 48	4 55	19 38	1 2	20 51	0 39	10 14	0 11	8 21	1 25	22 20	0 48	0 32	0 44	0 58	T 15
W16	12 20	16 24	4 26	19 22	1 8	20 42	0 36	10 31	0 12	8 20	1 25	22 21	0 48	0 30	0 44	0 57	W16
T 17	11 59	20 10	3 42	19 5	1 14	20 32	0 32	10 47	0 13	8 19	1 25	22 21	0 48	0 29	0 44	0 56	T 17
F 18	11 38	22 48	2 44	18 47	1 20	20 21	0 29	11 3	0 14	8 18	1 26	22 21	0 47	0 28	0 44	0 55	F 18
S 19	11 16	24 1	1 36	18 28	1 26	20 11	0 26	11 19	0 15	8 17	1 26	22 22	0 47	0 27	0 44	0 54	S 19
S 20	10 55	23 42	0 21	18 7	1 31	19 59	0 23	11 35	0 16	8 16	1 26	22 22	0 47	0 25	0 43	0 53	S 20
M21	10 33	21 49	0s55	17 45	1 36	19 47	0 20	11 50	0 17	8 15	1 26	22 22	0 47	0 24	0 43	0 53	M21
T 22	10 12	18 34	2 8	17 22	1 41	19 34	0 17	12 6	0 17	8 14	1 27	22 22	0 47	0 23	0 43	0 52	T 22
W23	9 50	14 13	3 12	16 58	1 45	19 21	0 14	12 22	0 18	8 13	1 27	22 23	0 47	0 22	0 43	0 51	W23
T 24	9 28	9 7	4 4	16 33	1 49	19 7	0 10	12 37	0 19	8 12	1 27	22 23	0 46	0 20	0 43	0 50	T 24
F 25	9 5	3 39	4 40	16 6	1 53	18 53	0 7	12 52	0 20	8 10	1 27	22 23	0 46	0 19	0 43	0 49	F 25
S 26	8 43	1s54	5 0	15 38	1 56	18 38	0 4	13 7	0 21	8 9	1 28	22 23	0 46	0 18	0 43	0 48	S 26
S 27	8 20	7 13	5 2	15 9	1 59	18 23	0 1	13 22	0 21	8 7	1 28	22 24	0 46	0 17	0 43	0 48	S 27
M28	7s58	12s 4	4s48	14s39	2s 1	18s 7	0s 2	13n37	0n22	8s 6	1n28	22n24	0s46	0s15	0s43	0s47	M28

Julian Day Number = 2700306.5, Delta T = 25m50s  
 Ecliptic obliquity = 23°21'03, Nutation = 0°00'19  
 Ayanamsha: Fagan/Bradley = 34°16'05, Lahiri = 33°23'05

## ASTRODIENST EPHEMERIS for the year 2681

MARCH 2681

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 36 50	10°33'04	2°11'10	27°49	9°41	6°8	24°27	7°9	1°5	0°38	7°0	1°24	0°48	18°57	19°13	T 1
W 2	10 40 47	11°33'33	14°30	29°28	10°55	6°49	24°23	7°8	1°8	0°40	6°59	1°18	0°45	19°4	19°9	W 2
T 3	10 44 43	12°34'02	26°34	1°8	12°9	7°31	24°19	7°8	1°12	0°42	6°58	1°15	0°42	19°10	19°5	T 3
F 4	10 48 40	13°34'29	8°28	2°49	13°23	8°14	24°14	7°7	1°15	0°45	6°57	1°13	0°39	19°17	19°1	F 4
S 5	10 52 36	14°34'55	20°16	4°30	14°36	8°56	24°10	7°7	1°18	0°47	6°56	1°13	0°36	19°24	18°57	S 5
S 6	10 56 33	15°35'20	2°3	6°13	15°50	9°38	24°5	7°6	1°22	0°49	6°55	1°13	0°32	19°30	18°53	S 6
M 7	11 0 29	16°35'43	13°58	7°57	17°4	10°21	24°1	7°6	1°25	0°51	6°54	1°13	0°29	19°37	18°50	M 7
T 8	11 4 26	17°36'05	26°3	9°41	18°18	11°3	23°56	7°6	1°28	0°54	6°53	1°10	0°26	19°44	18°46	T 8
W 9	11 8 23	18°36'26	8°23	11°27	19°32	11°45	23°51	7°D 6	1°32	0°56	6°52	1°5	0°23	19°50	18°42	W 9
T 10	11 12 19	19°36'45	21°2	13°13	20°46	12°27	23°45	7°6	1°35	0°58	6°51	0°57	0°20	19°57	18°39	T 10
F 11	11 16 16	20°37'02	4°0	15°1	22°0	13°9	23°40	7°6	1°38	1°0	6°50	0°47	0°16	20°4	18°35	F 11
S 12	11 20 12	21°37'18	17°18	16°50	23°14	13°52	23°35	7°7	1°42	1°2	6°49	0°34	0°13	20°10	18°32	S 12
S 13	11 24 9	22°37'32	0°53	18°40	24°28	14°34	23°29	7°7	1°45	1°5	6°48	0°21	0°10	20°17	18°28	S 13
M14	11 28 5	23°37'44	14°54	20°30	25°42	15°16	23°23	7°8	1°49	1°7	6°47	0°9	0°7	20°23	18°25	M14
T 15	11 32 2	24°37'55	28°45	22°22	26°56	15°58	23°17	7°8	1°52	1°9	6°47	29°58	0°4	20°30	18°22	T 15
W16	11 35 58	25°38'03	12°52	24°15	28°10	16°40	23°11	7°9	1°55	1°12	6°46	29°51	0°1	20°37	18°19	W16
T 17	11 39 55	26°38'10	27°2	26°8	29°24	17°22	23°5	7°10	1°59	1°14	6°45	29°46	29°57	20°43	18°16	T 17
F 18	11 43 52	27°38'14	11°11	28°3	0°37	18°4	22°59	7°11	2°2	1°16	6°44	29°44	29°54	20°50	18°13	F 18
S 19	11 47 48	28°38'17	25°18	29°58	1°51	18°46	22°52	7°12	2°6	1°18	6°43	29°43	29°51	20°57	18°10	S 19
S 20	11 51 45	29°38'17	9°22	1°55	3°5	19°27	22°46	7°13	2°9	1°21	6°43	29°43	29°48	21°3	18°7	S 20
M21	11 55 41	0°38'15	23°22	3°52	4°19	20°9	22°39	7°15	2°13	1°23	6°42	29°42	29°45	21°10	18°4	M21
T 22	11 59 38	1°38'11	7°18	5°49	5°33	20°51	22°32	7°16	2°16	1°25	6°41	29°39	29°42	21°17	18°2	T 22
W23	12 3 34	2°38'04	21°8	7°47	6°47	21°33	22°26	7°18	2°19	1°27	6°41	29°33	29°38	21°23	17°59	W23
T 24	12 7 31	3°37'56	4°50	9°46	8°1	22°15	22°19	7°19	2°23	1°30	6°40	29°24	29°35	21°30	17°57	T 24
F 25	12 11 27	4°37'45	18°22	11°44	9°15	22°56	22°12	7°21	2°26	1°32	6°39	29°12	29°32	21°37	17°54	F 25
S 26	12 15 24	5°37'33	1°41	13°43	10°29	23°38	22°5	7°23	2°30	1°34	6°39	28°59	29°29	21°43	17°52	S 26
S 27	12 19 21	6°37'18	14°46	15°41	11°43	24°20	21°57	7°25	2°33	1°37	6°38	28°46	29°26	21°50	17°50	S 27
M28	12 23 17	7°37'02	27°34	17°38	12°57	25°1	21°50	7°27	2°37	1°39	6°38	28°34	29°22	21°56	17°48	M28
T 29	12 27 14	8°36'43	10°5	19°35	14°11	25°43	21°43	7°29	2°40	1°41	6°37	28°24	29°19	22°3	17°46	T 29
W30	12 31 10	9°36'23	22°20	21°30	15°25	26°24	21°35	7°32	2°43	1°43	6°37	28°16	29°16	22°10	17°44	W30
T 31	12 35 7	10°36'02	4°23	23°23	16°39	27°6	21°28	7°34	2°47	1°46	6°36	28°11	29°13	22°16	17°42	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	7s35	16s16	4s21	14s 7	2s 4	17s50	0s 5	13n52	0n23	8s 4	1n28	22n24	0s45	0s14	0s43	T 1
W 2	7 12	19 40	3 42	13 35	2 6	17 33	0 8	14 7	0 24	8 3	1 28	22 24	0 45	0 13	0 43	W 2
T 3	6 49	22 8	2 53	13 1	2 7	17 16	0 11	14 21	0 24	8 1	1 29	22 25	0 45	0 11	0 43	T 3
F 4	6 26	23 35	1 58	12 26	2 8	16 58	0 14	14 36	0 25	7 59	1 29	22 25	0 45	0 10	0 43	F 4
S 5	6 3	23 58	0 58	11 49	2 9	16 39	0 17	14 50	0 26	7 58	1 29	22 25	0 45	0 9	0 43	S 5
S 6	5 40	23 16	0n 5	11 12	2 9	16 20	0 19	15 4	0 27	7 56	1 29	22 25	0 45	0 7	0 43	S 6
M 7	5 16	21 30	1 7	10 33	2 9	16 1	0 22	15 18	0 27	7 54	1 29	22 25	0 44	0 6	0 43	M 7
T 8	4 53	18 46	2 8	9 53	2 8	15 41	0 25	15 32	0 28	7 52	1 30	22 26	0 44	0 5	0 43	T 8
W 9	4 29	15 9	3 4	9 12	2 7	15 21	0 28	15 46	0 29	7 50	1 30	22 26	0 44	0 3	0 43	W 9
T 10	4 6	10 46	3 52	8 30	2 6	15 0	0 30	15 59	0 29	7 48	1 30	22 26	0 44	0 2	0 43	T 10
F 11	3 42	5 50	4 29	7 47	2 4	14 39	0 33	16 13	0 30	7 46	1 30	22 26	0 44	0 1	0 43	F 11
S 12	3 19	0 30	4 53	7 3	2 1	14 17	0 36	16 26	0 31	7 43	1 30	22 26	0 44	0n 1	0 43	S 12
S 13	2 55	4n57	5 0	6 17	1 59	13 55	0 38	16 39	0 32	7 41	1 30	22 26	0 43	0 2	0 43	S 13
M14	2 31	10 15	4 51	5 31	1 55	13 33	0 41	16 52	0 32	7 39	1 31	22 26	0 43	0 3	0 43	M14
T 15	2 15	6	4 24	4 43	1 51	13 10	0 43	17 5	0 33	7 37	1 31	22 27	0 43	0 5	0 43	T 15
W16	1 44	19 9	3 41	3 55	1 47	12 47	0 46	17 17	0 33	7 34	1 31	22 27	0 43	0 6	0 43	W16
T 17	1 20	22 5	2 44	3 5	1 42	12 24	0 48	17 30	0 34	7 32	1 31	22 27	0 43	0 7	0 43	T 17
F 18	0 56	23 38	1 36	2 15	1 36	12 0	0 50	17 42	0 35	7 29	1 31	22 27	0 42	0 9	0 43	F 18
S 19	0 32	23 39	0 23	1 23	1 30	11 36	0 53	17 54	0 35	7 27	1 31	22 27	0 42	0 10	0 43	S 19
S 20	0 9	22 11	0s11	0 31	1 23	11 11	0 55	18 6	0 36	7 24	1 31	22 27	0 42	0 12	0 43	S 20
M21	0n15	19 20	2 2	0n22	1 16	10 46	0 57	18 18	0 37	7 22	1 32	22 27	0 42	0 13	0 43	M21
T 22	0 39	15 24	3 5	1 15	1 9	10 21	0 59	18 30	0 37	7 19	1 32	22 27	0 42	0 14	0 43	T 22
W23	1 3	10 40	3 56	2 9	1 0	9 56	1 1	18 42	0 38	7 16	1 32	22 28	0 42	0 16	0 43	W23
T 24	1 26	5 27	4 34	3 4	0 51	9 30	1 3	18 53	0 38	7 14	1 32	22 28	0 41	0 17	0 43	T 24
F 25	1 50	0 3	4 55	3 59	0 42	9 4	1 5	19 4	0 39	7 11	1 32	22 28	0 41	0 18	0 43	F 25
S 26	2 14	5s15	5 0	4 54	0 32	8 38	1 7	19 15	0 40	7 8	1 32	22 28	0 41	0 20	0 43	S 26
S 27	2 37	10 14	4 49	5 49	0 22	8 12	1 9	19 26	0 40	7 6	1 32	22 28	0 41	0 21	0 43	S 27
M28	3 1	14 40	4 23	6 44	0 11	7 45	1 10	19 37	0 41	7 3	1 32	22 28	0 41	0 22	0 43	M28
T 29	3 24	18 21	3 45	7 38	0n 0	7 19	1 12	19 47	0 41	7 0	1 32	22 28	0 41	0 24	0 43	T 29
W30	3 48	21 9	2 58	8 32	0 12	6 52	1 14	19 57	0 42	6 57	1 32	22 28	0 40	0 25	0 43	W30
T 31	4n11	22s57	2s 3	9n25	0n23	6s24	1s15	20n 7	0n42	6s55	1n33	22n28	0s40	0n26	0s43	T 31

Julian Day Number = 2700334.5, Delta T = 25m50s

Ecliptic obliquity = 23°21'04, Nutation = 0°00'18

Ayanamsha: Fagan/Bradley = 34°16'09, Lahiri = 33°23'09

## ASTRODIENST EPHEMERIS for the year 2681

APRIL 2681

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 39 3	11°35'38	16°16'	25°15'	17°53'	27°47'	21°R21	7°36'	2°50'	1°48'	6°R36	28°R 9	29°10'	22°23'	17°R40	F 1
S 2	12 43 0	12°35'13	28° 4'	27° 3'	19° 7'	28°29'	21°13'	7°39'	2°54'	1°50'	6°R35	28°D 9	29° 7'	22°30'	17°R38	S 2
S 3	12 46 56	13°34'46	9°53'	28°49'	20°21'	29°10'	21° 5'	7°42'	2°57'	1°52'	6°35'	28°R 9	29° 3'	22°36'	17°37'	S 3
M 4	12 50 53	14°34'17	21°47'	0°32'	21°35'	29°51'	20°58'	7°45'	3° 0'	1°55'	6°34'	28°R 9	29° 0'	22°43'	17°35'	M 4
T 5	12 54 50	15°33'47	3°52'	2°10'	22°49'	0°11'33	20°50'	7°47'	3° 4'	1°57'	6°34'	28° 7'	28°57'	22°50'	17°34'	T 5
W 6	12 58 46	16°33'15	16°14'	3°45'	24° 3'	1°14'	20°42'	7°50'	3° 7'	1°59'	6°34'	28° 3'	28°54'	22°56'	17°33'	W 6
T 7	13 2 43	17°32'41	28°57'	5°14'	25°17'	1°55'	20°35'	7°54'	3°10'	2° 1'	6°33'	27°57'	28°51'	23° 3'	17°32'	T 7
F 8	13 6 39	18°32'05	12°3'	6°39'	26°31'	2°36'	20°27'	7°57'	3°14'	2° 4'	6°33'	27°49'	28°47'	23°10'	17°30'	F 8
S 9	13 10 36	19°31'27	25°33'	7°58'	27°45'	3°18'	20°19'	8° 0'	3°17'	2° 6'	6°33'	27°38'	28°44'	23°16'	17°29'	S 9
S 10	13 14 32	20°30'48	9°27'	9°11'	28°59'	3°59'	20°11'	8° 4'	3°20'	2° 8'	6°33'	27°27'	28°41'	23°23'	17°29'	S 10
M11	13 18 29	21°30'06	23°39'	10°18'	0°13'	4°40'	20° 4'	8° 7'	3°24'	2°10'	6°32'	27°17'	28°38'	23°30'	17°28'	M11
T 12	13 22 25	22°29'23	8° 6'	11°19'	1°27'	5°21'	19°56'	8°11'	3°27'	2°12'	6°32'	27° 7'	28°35'	23°36'	17°27'	T 12
W13	13 26 22	23°28'37	22°40'	12°14'	2°41'	6° 2'	19°48'	8°14'	3°30'	2°14'	6°32'	27° 1'	28°32'	23°43'	17°27'	W13
T 14	13 30 18	24°27'50	7°15'	13° 2'	3°55'	6°43'	19°41'	8°18'	3°34'	2°17'	6°32'	26°57'	28°28'	23°49'	17°26'	T 14
F 15	13 34 15	25°27'00	21°44'	13°43'	5° 9'	7°24'	19°33'	8°22'	3°37'	2°19'	6°32'	26°D55	28°25'	23°56'	17°26'	F 15
S 16	13 38 12	26°26'08	6° 5'	14°18'	6°23'	8° 5'	19°25'	8°26'	3°40'	2°21'	6°32'	26°55'	28°22'	24° 3'	17°25'	S 16
S 17	13 42 8	27°25'13	20°14'	14°45'	7°37'	8°46'	19°18'	8°30'	3°43'	2°23'	6°32'	26°56'	28°19'	24° 9'	17°25'	S 17
M18	13 46 5	28°24'17	4°11'	15° 6'	8°51'	9°27'	19°10'	8°34'	3°46'	2°25'	6°32'	26°R56	28°16'	24°16'	17°D25	M18
T 19	13 50 51	29°23'17	17°56'	15°19'	10° 5'	10° 8'	19° 2'	8°38'	3°50'	2°27'	6°D32	26°55'	28°13'	24°23'	17°25'	T 19
W20	13 53 58	0°22'16	1°10'28	15°26'	11°19'	10°48'	18°55'	8°43'	3°53'	2°29'	6°32'	26°51'	28° 9'	24°29'	17°25'	W20
T 21	13 57 54	1°21'12	14°49'	15°R26	12°33'	11°29'	18°48'	8°47'	3°56'	2°31'	6°32'	26°45'	28° 6'	24°36'	17°26'	T 21
F 22	14 1 51	2°20'06	27°57'	15°20'	13°47'	12°10'	18°40'	8°52'	3°59'	2°33'	6°32'	26°36'	28° 3'	24°43'	17°26'	F 22
S 23	14 5 47	3°18'58	10°15'3	15° 8'	15° 1'	12°51'	18°33'	8°56'	4° 2'	2°35'	6°32'	26°27'	28° 0'	24°49'	17°26'	S 23
S 24	14 9 44	4°17'48	23°37'	14°50'	16°15'	13°31'	18°26'	9° 1'	4° 5'	2°37'	6°32'	26°17'	27°57'	24°56'	17°27'	S 24
M25	14 13 41	5°16'36	6°11'8	14°26'	17°29'	14°12'	18°18'	9° 6'	4° 8'	2°39'	6°32'	26° 8'	27°53'	25° 3'	17°28'	M25
T 26	14 17 37	6°15'22	18°26'	13°58'	18°42'	14°53'	18°11'	9°10'	4°11'	2°41'	6°32'	26° 1'	27°50'	25° 9'	17°28'	T 26
W27	14 21 34	7°14'06	0°13'33	13°26'	19°56'	15°33'	18° 4'	9°15'	4°14'	2°43'	6°32'	25°56'	27°47'	25°16'	17°29'	W27
T 28	14 25 30	8°12'49	12°30'	12°50'	21°10'	16°14'	17°58'	9°20'	4°17'	2°45'	6°33'	25°53'	27°44'	25°22'	17°30'	T 28
F 29	14 29 27	9°11'29	24°21'	12°12'	22°24'	16°54'	17°51'	9°25'	4°20'	2°47'	6°33'	25°D52	27°41'	25°29'	17°31'	F 29
S 30	14 33 23	10°10'08	6° 9'	11°R31	23°38'	17°11'35	17°44'	9°31'	4°23'	2°49'	6°R33	25°R52	27°R38	25°R36	17°R32	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	4n34	23s41	1 s 3	10n17	0n35	5s57	1s17	20n17	0n43	6s52	1n33	22n28	0s40	0n28	0s43	0s18
S 2	4 57	23 21	0 0	11 8	0 48	5 29	1 18	20 27	0 43	6 49	1 33	22 28	0 40	0 29	0 43	0 17
S 3	5 20	21 57	1n 2	11 57	1 0	5 2	1 19	20 37	0 44	6 46	1 33	22 28	0 40	0 30	0 43	0 17
M 4	5 43	19 35	2 2	12 44	1 12	4 34	1 21	20 46	0 44	6 43	1 33	22 28	0 40	0 32	0 43	0 16
T 5	6 6	16 20	2 58	13 30	1 24	4 6	1 22	20 55	0 45	6 40	1 33	22 28	0 39	0 33	0 43	0 15
W 6	6 29	12 18	3 47	14 13	1 36	3 38	1 23	21 4	0 45	6 37	1 33	22 28	0 39	0 34	0 43	0 14
T 7	6 52	7 39	4 25	14 54	1 47	3 9	1 24	21 13	0 46	6 34	1 33	22 28	0 39	0 36	0 43	0 13
F 8	7 14	2 31	4 52	15 33	1 58	2 41	1 25	21 22	0 46	6 31	1 33	22 28	0 39	0 37	0 43	0 12
S 9	7 37	2n52	5 3	16 9	2 9	2 13	1 26	21 30	0 47	6 29	1 33	22 28	0 39	0 38	0 43	0 11
S 10	7 59	8 16	4 56	16 42	2 19	1 44	1 27	21 38	0 47	6 26	1 33	22 28	0 39	0 40	0 43	0 11
M11	8 21	13 22	4 32	17 12	2 28	1 15	1 28	21 46	0 48	6 23	1 33	22 28	0 38	0 41	0 43	0 10
T 12	8 43	17 47	3 50	17 39	2 36	0 47	1 29	21 54	0 48	6 20	1 33	22 28	0 38	0 42	0 43	0 9
W13	9 5	21 9	2 52	18 3	2 44	0 18	1 29	22 2	0 49	6 17	1 33	22 28	0 38	0 44	0 43	0 8
T 14	9 27	23 8	1 43	18 24	2 50	0n11	1 30	22 9	0 49	6 14	1 33	22 28	0 38	0 45	0 43	0 7
F 15	9 48	23 33	0 28	18 42	2 56	0 39	1 30	22 17	0 50	6 11	1 33	22 27	0 38	0 46	0 43	0 6
S 16	10 10	22 24	0s49	18 56	3 0	1 8	1 31	22 24	0 50	6 8	1 33	22 27	0 38	0 47	0 43	0 6
S 17	10 31	19 50	2 1	19 7	3 3	1 37	1 31	22 31	0 50	6 6	1 33	22 27	0 38	0 49	0 43	0 5
M18	10 52	16 8	3 6	19 15	3 5	2 6	1 32	22 37	0 51	6 3	1 33	22 27	0 37	0 50	0 43	0 4
T 19	11 13	11 37	3 58	19 20	3 6	2 34	1 32	22 44	0 51	6 0	1 33	22 27	0 37	0 51	0 43	0 3
W20	11 34	6 36	4 37	19 21	3 5	3 3	1 32	22 50	0 52	5 57	1 33	22 27	0 37	0 52	0 43	0 2
T 21	11 54	1 21	4 59	19 19	3 3	3 31	1 32	22 56	0 52	5 55	1 32	22 27	0 37	0 54	0 43	0 2
F 22	12 14	3s52	5 6	19 13	2 59	4 0	1 32	23 2	0 52	5 52	1 32	22 27	0 37	0 55	0 43	0 1
S 23	12 34	8 50	4 56	19 5	2 53	4 28	1 32	23 8	0 53	5 49	1 32	22 26	0 37	0 56	0 43	0n 0
S 24	12 54	13 21	4 32	18 53	2 47	4 57	1 32	23 13	0 53	5 47	1 32	22 26	0 36	0 57	0 43	0 1
M25	13 14	17 13	3 55	18 38	2 38	5 25	1 32	23 18	0 54	5 44	1 32	22 26	0 36	0 59	0 43	0 2
T 26	13 33	20 15	3 8	18 20	2 29	5 53	1 32	23 23	0 54	5 41	1 32	22 26	0 36	1 0	0 43	0 2
W27	13 53	22 21	2 12	18 0	2 18	6 21	1 31	23 28	0 54	5 39	1 32	22 26	0 36	1 1	0 43	0 3
T 28	14 12	23 24	1 12	17 37	2 5	6 49	1 31	23 33	0 55	5 36	1 32	22 26	0 36	1 2	0 43	0 4
F 29	14 30	23 22	0 8	17 13	1 52	7 17	1 31	23 37	0 55	5 34	1 32	22 25	0 36	1 3	0 43	0 5
S 30	14n49	22s17	0n55	16n46	1n37	7n45	1s30	23n42	0n55	5s31	1n32	22n25	0s36	1n 4	0s43	0n 5

Julian Day Number = 2700365.5, Delta T = 25m50s

Ecliptic obliquity = 23°21'03, Nutation = 0°00'17

Ayanamsha: Fagan/Bradley = 34°16'14, Lahiri = 33°23'13

## ASTRODIENST EPHEMERIS for the year 2681

MAY 2681

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 37 20	11♈ 8°45'	17♊ 57'	10♋ R49	24♌ 52'	18♍ 15'	17♎ R37	9♏ 36'	4♐ 26'	2♑ 51'	6♒ 34'	25♓ 53'	27♐ 34'	25♑ 42'	17♏ 34'	S 1
M 2	14 41 16	12° 7'21"	29° 51'	10♋ 7	26° 6'	18° 56'	17♎ 31'	9° 41'	4° 29'	2° 53'	6° 34'	25° 55'	27° 31'	25° 49'	17° 35'	M 2
T 3	14 45 13	13° 5'54"	11♈ 56'	9° 25'	27° 20'	19° 36'	17° 24'	9° 46'	4° 32'	2° 55'	6° 34'	25° R56	27° 28'	25° 56'	17° 37'	T 3
W 4	14 49 10	14° 4'26"	24° 16'	8° 44'	28° 34'	20° 16'	17° 18'	9° 52'	4° 35'	2° 57'	6° 35'	25° 55'	27° 25'	26° 2'	17° 38'	W 4
T 5	14 53 6	15° 2'57"	6♋ 58'	8° 5'	29° 47'	20° 57'	17° 12'	9° 57'	4° 38'	2° 58'	6° 35'	25° 53'	27° 22'	26° 9'	17° 40'	T 5
F 6	14 57 3	16° 1'26"	20° 3'	7° 29'	1♌ 1	21° 37'	17° 6'	10° 3'	4° 40'	3° 0'	6° 35'	25° 49'	27° 19'	26° 16'	17° 42'	F 6
S 7	15 0 59	16° 59'53"	3♌ 35'	6° 55'	2° 15'	22° 17'	17° 0'	10° 9'	4° 43'	3° 2'	6° 36'	25° 44'	27° 15'	26° 22'	17° 43'	S 7
S 8	15 4 56	17° 58'19"	17° 34'	6° 25'	3° 29'	22° 57'	16° 54'	10° 14'	4° 46'	3° 4'	6° 36'	25° 38'	27° 12'	26° 29'	17° 45'	S 8
M 9	15 8 52	18° 56'43"	1♌ 58'	5° 59'	4° 43'	23° 38'	16° 48'	10° 20'	4° 49'	3° 5'	6° 37'	25° 32'	27° 9'	26° 36'	17° 47'	M 9
T 10	15 12 49	19° 55'06"	16° 40'	5° 37'	5° 57'	24° 18'	16° 43'	10° 26'	4° 51'	3° 7'	6° 37'	25° 27'	27° 6'	26° 42'	17° 50'	T 10
W 11	15 16 45	20° 53'26"	1♌ 31'	5° 19'	7° 10'	24° 58'	16° 38'	10° 32'	4° 54'	3° 9'	6° 38'	25° 24'	27° 3'	26° 49'	17° 52'	W 11
T 12	15 20 42	21° 51'45"	16° 31'	5° 6'	8° 24'	25° 38'	16° 32'	10° 38'	4° 56'	3° 10'	6° 38'	25° 22'	26° 59'	26° 55'	17° 54'	T 12
F 13	15 24 39	22° 50'02"	1♌ 24'	4° 58'	9° 38'	26° 18'	16° 27'	10° 44'	4° 59'	3° 12'	6° 39'	25° D22	26° 56'	27° 2'	17° 57'	F 13
S 14	15 28 35	23° 48'18"	16° 5'	4° D54	10° 52'	26° 58'	16° 22'	10° 50'	5° 2'	3° 14'	6° 40'	25° 23'	26° 53'	27° 9'	17° 59'	S 14
S 15	15 32 32	24° 46'31"	0♌ 30'	4° 56'	12° 6'	27° 38'	16° 17'	10° 56'	5° 4'	3° 15'	6° 40'	25° 24'	26° 50'	27° 15'	18° 2'	S 15
M 16	15 36 28	25° 44'42"	14° 36'	5° 2'	13° 20'	28° 18'	16° 13'	11° 2'	5° 7'	3° 17'	6° 41'	25° 26'	26° 47'	27° 22'	18° 5'	M 16
T 17	15 40 25	26° 42'51"	28° 22'	5° 12'	14° 33'	28° 58'	16° 8'	11° 9'	5° 9'	3° 18'	6° 42'	25° R26	26° 44'	27° 29'	18° 7'	T 17
W 18	15 44 21	27° 40'58"	11♏ 49'	5° 28'	15° 47'	29° 38'	16° 4'	11° 15'	5° 11'	3° 20'	6° 42'	25° 25'	26° 40'	27° 35'	18° 10'	W 18
T 19	15 48 18	28° 39'03"	24° 57'	5° 48'	17° 1'	0♏ 18'	16° 0'	11° 21'	5° 14'	3° 21'	6° 43'	25° 23'	26° 37'	27° 42'	18° 13'	T 19
F 20	15 52 14	29° 37'06"	7♌ 50'	6° 12'	18° 15'	0° 58'	15° 56'	11° 28'	5° 16'	3° 23'	6° 44'	25° 20'	26° 34'	27° 49'	18° 16'	F 20
S 21	15 56 11	0♌ 35'08"	20° 28'	6° 40'	19° 28'	1° 37'	15° 52'	11° 34'	5° 18'	3° 24'	6° 45'	25° 16'	26° 31'	27° 55'	18° 20'	S 21
S 22	16 0 8	1° 33'08"	2♌ 53'	7° 13'	20° 42'	2° 17'	15° 48'	11° 41'	5° 21'	3° 26'	6° 45'	25° 12'	26° 28'	28° 2'	18° 23'	S 22
M 23	16 4 4	2° 31'06"	15° 8'	7° 50'	21° 56'	2° 57'	15° 45'	11° 47'	5° 23'	3° 27'	6° 46'	25° 9'	26° 25'	28° 9'	18° 26'	M 23
T 24	16 8 1	3° 29'02"	27° 13'	8° 30'	23° 10'	3° 37'	15° 41'	11° 54'	5° 25'	3° 29'	6° 47'	25° 6'	26° 21'	28° 15'	18° 30'	T 24
W 25	16 11 57	4° 26'57"	9♌ 10'	9° 14'	24° 23'	4° 16'	15° 38'	12° 1'	5° 27'	3° 30'	6° 48'	25° 4'	26° 18'	28° 22'	18° 33'	W 25
T 26	16 15 54	5° 24'51"	21° 2'	10° 2'	25° 37'	4° 56'	15° 35'	12° 8'	5° 29'	3° 31'	6° 49'	25° D 3	26° 15'	28° 29'	18° 37'	T 26
F 27	16 19 50	6° 22'43"	2♌ 50'	10° 53'	26° 51'	5° 36'	15° 32'	12° 14'	5° 31'	3° 32'	6° 50'	25° 3'	26° 12'	28° 35'	18° 41'	F 27
S 28	16 23 47	7° 20'34"	14° 38'	11° 47'	28° 5'	6° 15'	15° 30'	12° 21'	5° 33'	3° 34'	6° 51'	25° 4'	26° 9'	28° 42'	18° 44'	S 28
S 29	16 27 43	8° 18'23"	26° 28'	12° 45'	29° 18'	6° 55'	15° 27'	12° 28'	5° 35'	3° 35'	6° 52'	25° 6'	26° 5'	28° 48'	18° 48'	S 29
M 30	16 31 40	9° 16'11"	8♌ 23'	13° 46'	0♌ 32'	7° 35'	15° 25'	12° 35'	5° 37'	3° 36'	6° 53'	25° 7'	26° 2'	28° 55'	18° 52'	M 30
T 31	16 35 37	10♌ 13'58"	20♌ 29'	14° 50'	1♌ 46'	8° 14'	15° 23'	12° 42'	5° 39'	3° 37'	6° 54'	25° 8'	25° 59'	29° 2'	18° 56'	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	15n 7	20s13	1n57	16n19	1n22	8n12	1s30	23n46	0n56	5s29	1n31	22n25	0s35	1n 6	0s43	0n 6	1s 7
M 2	15 25	17 16	2 54	15 50	1 5	8 39	1 29	23 49	0 56	5 27	1 31	22 25	0 35	1 7	0 43	0 7	1 7
T 3	15 43	13 34	3 44	15 21	0 49	9 7	1 28	23 53	0 56	5 24	1 31	22 24	0 35	1 8	0 43	0 7	1 7
W 4	16 0	9 13	4 25	14 52	0 32	9 33	1 28	23 56	0 57	5 22	1 31	22 24	0 35	1 9	0 44	0 8	1 7
T 5	16 17	4 22	4 54	14 23	0 15	10 0	1 27	24 0	0 57	5 20	1 31	22 24	0 35	1 10	0 44	0 9	1 7
F 6	16 34	0n49	5 9	13 55	0s 3	10 27	1 26	24 3	0 57	5 18	1 31	22 24	0 35	1 11	0 44	0 10	1 7
S 7	16 51	6 8	5 8	13 28	0 20	10 53	1 25	24 5	0 58	5 16	1 31	22 23	0 35	1 12	0 44	0 10	1 7
S 8	17 7	11 19	4 49	13 2	0 36	11 19	1 24	24 8	0 58	5 13	1 30	22 23	0 35	1 13	0 44	0 11	1 7
M 9	17 23	16 2	4 11	12 38	0 53	11 45	1 23	24 10	0 58	5 11	1 30	22 23	0 34	1 14	0 44	0 12	1 7
T 10	17 39	19 53	3 16	12 16	1 8	12 10	1 22	24 12	0 59	5 10	1 30	22 22	0 34	1 15	0 44	0 12	1 7
W 11	17 55	22 28	2 6	11 56	1 23	12 35	1 21	24 14	0 59	5 8	1 30	22 22	0 34	1 16	0 44	0 13	1 8
T 12	18 10	23 28	0 48	11 38	1 38	13 0	1 19	24 16	0 59	5 6	1 30	22 22	0 34	1 17	0 44	0 13	1 8
F 13	18 25	22 48	0s33	11 23	1 51	13 25	1 18	24 17	1 0	5 4	1 29	22 21	0 34	1 18	0 44	0 14	1 8
S 14	18 39	20 33	1 51	11 10	2 4	13 49	1 17	24 19	1 0	5 2	1 29	22 21	0 34	1 19	0 44	0 15	1 8
S 15	18 53	17 2	3 1	10 59	2 16	14 13	1 15	24 20	1 0	5 1	1 29	22 21	0 34	1 20	0 44	0 15	1 8
M 16	19 7	12 36	3 58	10 51	2 26	14 36	1 14	24 21	1 0	4 59	1 29	22 20	0 33	1 21	0 44	0 16	1 8
T 17	19 21	7 37	4 40	10 45	2 36	14 59	1 13	24 21	1 1	4 58	1 29	22 20	0 33	1 22	0 44	0 16	1 8
W 18	19 34	2 24	5 5	10 42	2 45	15 22	1 11	24 22	1 1	4 56	1 28	22 19	0 33	1 23	0 44	0 17	1 8
T 19	19 47	2s49	5 14	10 41	2 53	15 45	1 9	24 22	1 1	4 55	1 28	22 19	0 33	1 24	0 44	0 18	1 8
F 20	20 0	7 47	5 7	10 42	3 1	16 7	1 8	24 22	1 1	4 53	1 28	22 19	0 33	1 25	0 44	0 18	1 8
S 21	20 12	12 21	4 44	10 45	3 7	16 28	1 6	24 22	1 2	4 52	1 28	22 18	0 33	1 26	0 44	0 19	1 8
S 22	20 24	16 20	4 9	10 50	3 12	16 50	1 4	24 22	1 2	4 51	1 28	22 18	0 33	1 27	0 44	0 19	1 8
M 23	20 35	19 33	3 23	10 58	3 17	17 10	1 3	24 21	1 2	4 50	1 27	22 17	0 33	1 28	0 44	0 20	1 8
T 24	20 46	21 52	2 28	11 7	3 20	17 31	1 1	24 20	1 2	4 49	1 27	22 17	0 32	1 28	0 44	0 20	1 8
W 25	20 57	23 10	1 27	11 19	3 23	17 51	0 59	24 19	1 3	4 48	1 27	22 16	0 32	1 29	0 44	0 21	1 8
T 26	21 8	23 25	0 22	11 31	3 25	18 10	0 57	24 18	1 3	4 47	1 27	22 16	0 32	1 30	0 44	0 21	1 8
F 27	21 18	22 36	0n43	11 46	3 26	18 29	0 55	24 17	1 3	4 46	1 27	22 15	0 32	1 31	0 44	0 22	1 8
S 28	21 27	20 47	1 46	12 2	3 26	18 48	0 53	24 15	1 3	4 45	1 26	22 15	0 32	1 31	0 44	0 22	1 8
S 29	21 37	18 5	2 45	12 20	3 26	19 6	0 51	24 14	1 3	4 44	1 26	22 14	0 32	1 32	0 44	0 22	1 8
M 30	21 46	14 36	3 38	12 39	3 25	19 23	0 49	24 12	1 4	4 44	1 26	22 14	0 32	1 33	0 44	0 23	1 8
T 31	21n54	10s28	4n21	12n59	3s23	19n40	0s47	24n 9	1n 4	4s43	1n26	22n13	0s32	1n34	0s44	0n23	1s 8

Julian Day Number = 2700395.5, Delta T = 25m51s

Ecliptic obliquity = 23°21'03", Nutation = 0°00'16"

Ayanamsha: Fagan/Bradley = 34°16'18", Lahiri = 33°23'18"

## ASTRODIENST EPHEMERIS for the year 2681

JUNE 2681

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	16 39 33	11 <sup>11</sup> 11'44	2 <sup>4</sup> 49	15 <sup>8</sup> 57	3 <sup>11</sup> 0	8 <sup>5</sup> 54	15°R21	12 <sup>5</sup> 49	5 <sup>4</sup> 41	3 <sup>4</sup> 38	6 <sup>5</sup> 55	25 <sup>7</sup> 9	25 <sup>7</sup> 56	29 <sup>7</sup> 8	19 <sup>0</sup> 0	W 1
T 2	16 43 30	12° 9'29	15°28	17° 6	4°13	9°33	15 <sup>1</sup> 19	12°56	5°43	3°40	6°56	25°R 9	25°53	29°15	19° 5	T 2
F 3	16 47 26	13° 7'13	28°30	18°19	5°27	10°13	15°17	13° 3	5°45	3°41	6°57	25° 9	25°50	29°22	19° 9	F 3
S 4	16 51 23	14° 4'56	11 <sup>1</sup> 57	19°34	6°41	10°52	15°16	13°10	5°46	3°42	6°58	25° 8	25°46	29°28	19°13	S 4
S 5	16 55 19	15° 2'38	25°50	20°52	7°54	11°31	15°15	13°17	5°48	3°43	6°59	25° 7	25°43	29°35	19°18	S 5
M 6	16 59 16	16° 0'19	10 <sup>8</sup> 11	22°13	9° 8	12°11	15°14	13°25	5°50	3°44	7° 0	25° 6	25°40	29°42	19°22	M 6
T 7	17 3 12	16°57'59	24°54	23°36	10°22	12°50	15°13	13°32	5°51	3°45	7° 1	25° 5	25°37	29°48	19°27	T 7
W 8	17 7 9	17°55'37	9 <sup>11</sup> 54	25° 2	11°36	13°30	15°12	13°39	5°53	3°46	7° 2	25° 4	25°34	29°55	19°32	W 8
T 9	17 11 6	18°53'15	25° 3	26°30	12°49	14° 9	15°12	13°46	5°54	3°46	7° 3	25°D 4	25°31	0 <sup>2</sup> 2	19°36	T 9
F 10	17 15 2	19°50'52	10 <sup>5</sup> 11	28° 1	14° 3	14°48	15°11	13°54	5°56	3°47	7° 5	25° 4	25°27	0° 8	19°41	F 10
S 11	17 18 59	20°48'28	25°10	29°34	15°17	15°27	15°D11	14° 1	5°57	3°48	7° 6	25° 4	25°24	0°15	19°46	S 11
S 12	17 22 55	21°46'02	9 <sup>0</sup> 52	1 <sup>11</sup> 10	16°30	16° 7	15°11	14° 9	5°59	3°49	7° 7	25° 5	25°21	0°21	19°51	S 12
M13	17 26 52	22°43'34	24°12	2°48	17°44	16°46	15°11	14°16	6° 0	3°50	7° 8	25° 5	25°18	0°28	19°56	M13
T 14	17 30 48	23°41'06	8 <sup>11</sup> 8	4°29	18°58	17°25	15°12	14°23	6° 1	3°50	7° 9	25° 5	25°15	0°35	20° 1	T 14
W15	17 34 45	24°38'36	21°38	6°13	20°12	18° 4	15°12	14°31	6° 3	3°51	7°11	25° 5	25°11	0°41	20° 6	W15
T 16	17 38 42	25°36'05	4 <sup>1</sup> 45	7°58	21°25	18°43	15°13	14°38	6° 4	3°52	7°12	25° 5	25° 8	0°48	20°12	T 16
F 17	17 42 38	26°33'32	17°30	9°47	22°39	19°23	15°14	14°46	6° 5	3°53	7°13	25° 5	25° 5	0°55	20°17	F 17
S 18	17 46 35	27°30'59	29°58	11°37	23°53	20° 2	15°15	14°53	6° 6	3°53	7°15	25° 5	25° 2	1° 1	20°22	S 18
S 19	17 50 31	28°28'24	12 <sup>11</sup> 12	13°30	25° 6	20°41	15°17	15° 1	6° 7	3°54	7°16	25° 6	24°59	1° 8	20°28	S 19
M20	17 54 28	29°25'49	24°15	15°25	26°20	21°20	15°18	15° 9	6° 8	3°54	7°17	25° 6	24°56	1°15	20°33	M20
T 21	17 58 24	0 <sup>5</sup> 23'12	6 <sup>1</sup> 11	17°23	27°34	21°59	15°20	15°16	6° 9	3°55	7°19	25° 7	24°52	1°21	20°39	T 21
W22	18 2 21	1°20'35	18° 1	19°23	28°47	22°38	15°21	15°24	6°10	3°55	7°20	25° 7	24°49	1°28	20°44	W22
T 23	18 6 17	2°17'57	29°49	21°25	0 <sup>5</sup> 1	23°17	15°23	15°32	6°11	3°56	7°21	25°R 7	24°46	1°35	20°50	T 23
F 24	18 10 14	3°15'18	11 <sup>2</sup> 37	23°29	1°15	23°56	15°26	15°39	6°12	3°56	7°23	25° 7	24°43	1°41	20°56	F 24
S 25	18 14 11	4°12'38	23°27	25°34	2°29	24°35	15°28	15°47	6°13	3°57	7°24	25° 6	24°40	1°48	21° 2	S 25
S 26	18 18 7	5° 9'58	5 <sup>1</sup> 22	27°41	3°42	25°14	15°31	15°55	6°13	3°57	7°26	25° 5	24°37	1°55	21° 7	S 26
M27	18 22 4	6° 7'17	17°24	29°50	4°56	25°52	15°33	16° 2	6°14	3°57	7°27	25° 3	24°33	2° 1	21°13	M27
T 28	18 26 0	7° 4'36	29°36	2 <sup>5</sup> 0	6°10	26°31	15°36	16°10	6°15	3°57	7°28	25° 2	24°30	2° 8	21°19	T 28
W29	18 29 57	8° 1'55	12 <sup>1</sup> 0	4°11	7°23	27°10	15°39	16°18	6°15	3°58	7°30	25° 0	24°27	2°14	21°25	W29
T 30	18 33 53	8 <sup>5</sup> 59'13	24 <sup>1</sup> 40	6 <sup>5</sup> 22	8 <sup>5</sup> 37	27 <sup>5</sup> 49	15 <sup>1</sup> 42	16 <sup>5</sup> 25	6 <sup>1</sup> 16	3 <sup>4</sup> 58	7 <sup>0</sup> 31	24 <sup>1</sup> 59	24 <sup>1</sup> 24	2 <sup>5</sup> 21	21 <sup>0</sup> 31	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	22n 2	5s52	4n54	13n20	3s21	19n57	0s45	24n 7	1n 4	4s42	1n25	22n13	0s32	1n34	0s44	0n24
T 2	22 10	0 54	5 13	13 43	3 18	20 13	0 43	24 5	1 4	4 42	1 25	22 12	0 31	1 35	0 44	0 24
F 3	22 17	4n15	5 17	14 6	3 14	20 28	0 41	24 2	1 4	4 42	1 25	22 12	0 31	1 36	0 44	0 25
S 4	22 24	9 22	5 4	14 31	3 10	20 43	0 38	23 59	1 5	4 41	1 25	22 11	0 31	1 36	0 44	0 25
S 5	22 31	14 11	4 33	14 56	3 5	20 57	0 36	23 56	1 5	4 41	1 24	22 10	0 31	1 37	0 44	0 25
M 6	22 37	18 22	3 44	15 22	3 0	21 11	0 34	23 52	1 5	4 41	1 24	22 10	0 31	1 38	0 44	0 26
T 7	22 43	21 30	2 40	15 48	2 53	21 24	0 32	23 49	1 5	4 41	1 24	22 9	0 31	1 38	0 44	0 26
W 8	22 48	23 14	1 23	16 15	2 47	21 36	0 30	23 45	1 5	4 41	1 24	22 9	0 31	1 39	0 44	0 26
T 9	22 53	23 16	0 0	16 42	2 40	21 48	0 27	23 41	1 5	4 41	1 23	22 8	0 31	1 39	0 44	0 27
F 10	22 58	21 35	1s23	17 10	2 32	21 59	0 25	23 37	1 6	4 41	1 23	22 7	0 31	1 40	0 45	0 27
S 11	23 2	18 24	2 40	17 38	2 24	22 10	0 23	23 33	1 6	4 41	1 23	22 7	0 30	1 41	0 45	0 27
S 12	23 6	14 6	3 44	18 6	2 16	22 20	0 20	23 28	1 6	4 41	1 23	22 6	0 30	1 41	0 45	0 27
M13	23 9	9 6	4 33	18 34	2 7	22 29	0 18	23 24	1 6	4 42	1 22	22 5	0 30	1 42	0 45	0 28
T 14	23 12	3 47	5 4	19 2	1 57	22 38	0 16	23 19	1 6	4 42	1 22	22 5	0 30	1 42	0 45	0 28
W15	23 15	1s34	5 17	19 30	1 48	22 46	0 13	23 14	1 6	4 42	1 22	22 4	0 30	1 42	0 45	0 28
T 16	23 17	6 40	5 13	19 57	1 38	22 54	0 11	23 9	1 7	4 43	1 22	22 3	0 30	1 43	0 45	0 28
F 17	23 18	11 22	4 54	20 24	1 27	23 0	0 8	23 3	1 7	4 44	1 21	22 2	0 30	1 43	0 45	0 29
S 18	23 20	15 29	4 21	20 50	1 17	23 7	0 6	22 58	1 7	4 44	1 21	22 2	0 30	1 44	0 45	0 29
S 19	23 20	18 53	3 37	21 15	1 6	23 12	0 4	22 52	1 7	4 45	1 21	22 1	0 30	1 44	0 45	0 29
M20	23 21	21 24	2 43	21 39	0 55	23 17	0 1	22 46	1 7	4 46	1 21	22 0	0 30	1 45	0 45	0 29
T 21	23 21	22 57	1 43	22 2	0 44	23 21	0n 1	22 40	1 7	4 47	1 20	22 0	0 29	1 45	0 45	0 29
W22	23 21	23 28	0 39	22 23	0 33	23 24	0 3	22 34	1 7	4 48	1 20	21 59	0 29	1 45	0 45	0 30
T 23	23 20	22 55	0n26	22 43	0 22	23 27	0 6	22 27	1 7	4 49	1 20	21 58	0 29	1 46	0 45	0 30
F 24	23 19	21 21	1 30	23 1	0 11	23 29	0 8	22 21	1 7	4 50	1 20	21 57	0 29	1 46	0 45	0 30
S 25	23 17	18 50	2 31	23 17	0n 0	23 30	0 11	22 14	1 8	4 51	1 19	21 56	0 29	1 46	0 45	0 30
S 26	23 15	15 32	3 25	23 31	0 11	23 31	0 13	22 7	1 8	4 52	1 19	21 56	0 29	1 46	0 45	0 30
M27	23 13	11 34	4 11	23 43	0 22	23 31	0 15	22 0	1 8	4 53	1 19	21 55	0 29	1 47	0 45	0 30
T 28	23 10	7 6	4 46	23 52	0 32	23 30	0 18	21 53	1 8	4 55	1 19	21 54	0 29	1 47	0 45	0 30
W29	23 6	2 17	5 9	23 59	0 42	23 29	0 20	21 46	1 8	4 56	1 18	21 53	0 29	1 47	0 45	0 30
T 30	23n 3	2n44	5n17	24n 3	0n51	23n27	0n22	21n38	1n 8	4s57	1n18	21n52	0s29	1n47	0s45	0n30

Julian Day Number = 2700426.5, Delta T = 25m51s

Ecliptic obliquity = 23°21'02, Nutation = 0°00'17

Ayanamsha: Fagan/Bradley = 34°16'22, Lahiri = 33°23'22

## ASTRODIENST EPHEMERIS for the year 2681

JULY 2681

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18 37 50	9 <sup>56</sup> 30	7 <sup>39</sup>	8 <sup>34</sup>	9 <sup>51</sup>	28 <sup>28</sup>	15 <sup>46</sup>	16 <sup>33</sup>	6 <sup>16</sup>	3 <sup>58</sup>	7 <sup>33</sup>	24 <sup>D</sup> 59	24 <sup>21</sup>	2 <sup>38</sup>	21 <sup>38</sup>	F 1
S 2	18 41 46	10 <sup>53</sup> 48	21° 0	10°45	11° 5	29° 7	15°49	16°41	6°17	3°58	7°34	24 <sup>21</sup> 59	24°17	2°34	21°44	S 2
S 3	18 45 43	11°51'06	4 <sup>44</sup>	12°57	12°18	29°45	15°53	16°49	6°17	3°58	7°36	25° 0	24°14	2°41	21°50	S 3
M 4	18 49 40	12°48'23	18°53	15° 8	13°32	0 <sup>24</sup>	15°57	16°57	6°18	3°59	7°37	25° 1	24°11	2°48	21°56	M 4
T 5	18 53 36	13°45'40	3 <sup>26</sup>	17°19	14°46	1° 3	16° 1	17° 4	6°18	3°59	7°39	25° 2	24° 8	2°54	22° 3	T 5
W 6	18 57 33	14°42'58	18°17	19°28	16° 0	1°42	16° 5	17°12	6°18	3°59	7°40	25°R 3	24° 5	3° 1	22° 9	W 6
T 7	19 1 29	15°40'15	3 <sup>22</sup>	21°36	17°13	2°20	16° 9	17°20	6°18	3°59	7°42	25° 3	24° 2	3° 8	22°16	T 7
F 8	19 5 26	16°37'32	18°32	23°43	18°27	2°59	16°14	17°28	6°19	3°59	7°43	25° 2	23°58	3°14	22°22	F 8
S 9	19 9 22	17°34'48	3 <sup>38</sup>	25°49	19°41	3°38	16°18	17°36	6°19	3°59	7°45	24°59	23°55	3°21	22°29	S 9
S 10	19 13 19	18°32'04	18°30	27°53	20°55	4°17	16°23	17°43	6°19	3°58	7°47	24°57	23°52	3°28	22°35	S 10
M11	19 17 15	19°29'20	3 <sup>0</sup>	29°55	22° 8	4°55	16°28	17°51	6°19	3°58	7°48	24°53	23°49	3°34	22°42	M11
T 12	19 21 12	20°26'35	17° 5	1 <sup>56</sup>	23°22	5°34	16°33	17°59	6°19	3°58	7°50	24°50	23°46	3°41	22°48	T 12
W13	19 25 9	21°23'50	0 <sup>43</sup>	3°54	24°36	6°12	16°38	18° 7	6°19	3°58	7°51	24°48	23°43	3°48	22°55	W13
T 14	19 29 5	22°21'05	13°53	5°51	25°50	6°51	16°44	18°14	6°19	3°58	7°53	24°46	23°39	3°54	23° 2	T 14
F 15	19 33 2	23°18'19	26°39	7°45	27° 4	7°30	16°49	18°22	6°18	3°57	7°55	24°D46	23°36	4° 1	23° 9	F 15
S 16	19 36 58	24°15'33	9 <sup>4</sup>	9°38	28°17	8° 8	16°55	18°30	6°18	3°57	7°56	24°47	23°33	4° 7	23°16	S 16
S 17	19 40 55	25°12'46	21°13	11°29	29°31	8°47	17° 1	18°38	6°18	3°57	7°58	24°48	23°30	4°14	23°22	S 17
M18	19 44 51	26°10'00	3 <sup>11</sup>	13°18	0 <sup>45</sup>	9°25	17° 7	18°45	6°18	3°56	7°59	24°50	23°27	4°21	23°29	M18
T 19	19 48 48	27° 7'13	15° 1	15° 4	1°59	10° 4	17°13	18°53	6°17	3°56	8° 1	24°51	23°23	4°27	23°36	T 19
W20	19 52 44	28° 4'26	26°48	16°49	3°12	10°42	17°19	19° 1	6°17	3°56	8° 3	24°R52	23°20	4°34	23°43	W20
T 21	19 56 41	29° 1'39	8 <sup>36</sup>	18°31	4°26	11°21	17°25	19° 9	6°16	3°55	8° 4	24°51	23°17	4°41	23°50	T 21
F 22	20 0 38	29°58'53	20°27	20°12	5°40	11°59	17°32	19°16	6°16	3°55	8° 6	24°48	23°14	4°47	23°57	F 22
S 23	20 4 34	0 <sup>56</sup> 06	2 <sup>23</sup>	21°51	6°54	12°38	17°39	19°24	6°15	3°54	8° 8	24°44	23°11	4°54	24° 4	S 23
S 24	20 8 31	1°53'19	14°27	23°27	8° 8	13°16	17°45	19°32	6°15	3°54	8° 9	24°38	23° 8	5° 1	24°11	S 24
M25	20 12 27	2°50'33	26°40	25° 2	9°21	13°55	17°52	19°39	6°14	3°53	8°11	24°32	23° 4	5° 7	24°18	M25
T 26	20 16 24	3°47'47	9 <sup>4</sup>	26°34	10°35	14°33	17°59	19°47	6°13	3°53	8°12	24°25	23° 1	5°14	24°26	T 26
W27	20 20 20	4°45'02	21°39	28° 5	11°49	15°12	18° 7	19°55	6°13	3°52	8°14	24°19	22°58	5°21	24°33	W27
T 28	20 24 17	5°42'17	4 <sup>27</sup>	29°33	13° 3	15°50	18°14	20° 2	6°12	3°51	8°16	24°14	22°55	5°27	24°40	T 28
F 29	20 28 13	6°39'33	17°31	0 <sup>59</sup>	14°17	16°28	18°21	20°10	6°11	3°51	8°17	24°10	22°52	5°34	24°47	F 29
S 30	20 32 10	7°36'49	0 <sup>51</sup>	2°24	15°31	17° 7	18°29	20°18	6°10	3°50	8°19	24° 9	22°49	5°41	24°54	S 30
S 31	20 36 7	8 <sup>34</sup> 06	14 <sup>29</sup>	3 <sup>46</sup>	16 <sup>44</sup>	17 <sup>45</sup>	18 <sup>37</sup>	20 <sup>25</sup>	6 <sup>9</sup>	3 <sup>49</sup>	8 <sup>21</sup>	24°D 9	22 <sup>45</sup>	5 <sup>47</sup>	25 <sup>2</sup>	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	22n59	7n45	5n 9	24n 4	1n 0	23n24	0n25	21n30	1n 8	4s59	1n18	21n51	0s29	1n47	0s45	0n30
S 2	22 54	12 34	4 45	24 3	1 8	23 20	0 27	21 22	1 8	5 0	1 18	21 51	0 28	1 48	0 45	0 30
S 3	22 49	16 53	4 4	23 59	1 16	23 16	0 29	21 14	1 8	5 2	1 17	21 50	0 28	1 48	0 45	0 30
M 4	22 44	20 22	3 7	23 52	1 23	23 11	0 31	21 6	1 8	5 4	1 17	21 49	0 28	1 48	0 45	0 30
T 5	22 39	22 40	1 57	23 42	1 29	23 6	0 34	20 58	1 8	5 6	1 17	21 48	0 28	1 48	0 45	0 30
W 6	22 32	23 27	0 37	23 30	1 34	22 59	0 36	20 49	1 8	5 7	1 17	21 47	0 28	1 48	0 45	0 30
T 7	22 26	22 33	0s46	23 15	1 39	22 52	0 38	20 41	1 9	5 9	1 16	21 46	0 28	1 48	0 45	0 30
F 8	22 19	19 59	2 6	22 58	1 43	22 45	0 40	20 32	1 9	5 11	1 16	21 45	0 28	1 48	0 45	0 30
S 9	22 12	16 4	3 17	22 39	1 47	22 36	0 42	20 23	1 9	5 13	1 16	21 44	0 28	1 48	0 46	0 30
S 10	22 4	11 12	4 13	22 17	1 49	22 28	0 44	20 14	1 9	5 15	1 16	21 43	0 28	1 48	0 46	0 30
M11	21 56	5 49	4 52	21 54	1 51	22 18	0 46	20 5	1 9	5 17	1 15	21 42	0 28	1 48	0 46	0 30
T 12	21 48	0 17	5 12	21 28	1 52	22 8	0 48	19 55	1 9	5 19	1 15	21 42	0 28	1 48	0 46	0 30
W13	21 39	5s 4	5 13	21 1	1 52	21 57	0 50	19 46	1 9	5 22	1 15	21 41	0 27	1 48	0 46	0 30
T 14	21 30	10 1	4 57	20 33	1 52	21 45	0 52	19 36	1 9	5 24	1 15	21 40	0 27	1 48	0 46	0 30
F 15	21 21	14 24	4 27	20 3	1 51	21 33	0 54	19 26	1 9	5 26	1 15	21 39	0 27	1 48	0 46	0 29
S 16	21 11	18 1	3 45	19 31	1 49	21 20	0 56	19 16	1 9	5 29	1 14	21 38	0 27	1 48	0 46	0 29
S 17	21 1	20 48	2 54	18 59	1 46	21 7	0 58	19 6	1 9	5 31	1 14	21 37	0 27	1 47	0 46	0 29
M18	20 50	22 37	1 56	18 25	1 43	20 53	0 59	18 56	1 9	5 34	1 14	21 36	0 27	1 47	0 46	0 29
T 19	20 39	23 24	0 54	17 51	1 40	20 38	1 1	18 46	1 9	5 36	1 14	21 35	0 27	1 47	0 46	0 29
W20	20 28	23 8	0n11	17 15	1 36	20 23	1 3	18 36	1 9	5 39	1 13	21 34	0 27	1 47	0 46	0 28
T 21	20 17	21 50	1 14	16 39	1 31	20 7	1 5	18 25	1 9	5 41	1 13	21 33	0 27	1 47	0 46	0 28
F 22	20 5	19 34	2 15	16 3	1 25	19 51	1 6	18 14	1 9	5 44	1 13	21 32	0 27	1 46	0 46	0 28
S 23	19 53	16 28	3 10	15 26	1 20	19 34	1 8	18 4	1 9	5 47	1 13	21 31	0 27	1 46	0 46	0 28
S 24	19 40	12 38	3 58	14 48	1 13	19 17	1 9	17 53	1 9	5 49	1 13	21 30	0 27	1 46	0 46	0 28
M25	19 27	8 16	4 34	14 11	1 7	18 59	1 11	17 42	1 9	5 52	1 12	21 29	0 27	1 46	0 46	0 27
T 26	19 14	3 31	4 59	13 33	0 59	18 40	1 12	17 31	1 9	5 55	1 12	21 28	0 26	1 45	0 46	0 27
W27	19 0	1n27	5 10	12 55	0 52	18 21	1 13	17 19	1 9	5 58	1 12	21 27	0 26	1 45	0 46	0 27
T 28	18 47	6 26	5 5	12 16	0 44	18 2	1 15	17 8	1 9	6 1	1 12	21 26	0 26	1 45	0 46	0 26
F 29	18 32	11 14	4 45	11 38	0 35	17 42	1 16	16 56	1 9	6 4	1 12	21 25	0 26	1 44	0 46	0 26
S 30	18 18	15 37	4 9	11 0	0 27	17 21	1 17	16 45	1 9	6 7	1 11	21 24	0 26	1 44	0 46	0 26
S 31	18n 3	19n17	3n18	10n22	0n17	17n 0	1n18	16n33	1n 9	6s10	1n11	21n22	0s26	1n44	0s46	0n25

Julian Day Number = 2700456.5, Delta T = 25m51s

Ecliptic obliquity = 23°21'02, Nutation = 0°00'18

Ayanamsha: Fagan/Bradley = 34°16'26, Lahiri = 33°23'26

## ASTRODIENST EPHEMERIS for the year 2681

AUGUST 2681

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	20 40 3	9♂31'24	28♂26	5♂6	17♂58	18♂24	18♂44	20♂33	6°R 8	3°R48	8♂22	24♂9	22♂42	5♂54	25♂9	M 1
T 2	20 44 0	10°28'43	12♂43	6°24	19°12	19° 2	18°52	20°40	6°Y 7	3°Y47	8°24	24°11	22°39	6° 0	25°16	T 2
W 3	20 47 56	11°26'03	27°18	7°39	20°26	19°40	19° 0	20°48	6° 6	3°47	8°26	24°R11	22°36	6° 7	25°24	W 3
T 4	20 51 53	12°23'23	12♂7	8°52	21°40	20°19	19° 9	20°55	6° 5	3°46	8°27	24°10	22°33	6°14	25°31	T 4
F 5	20 55 49	13°20'45	27° 4	10° 3	22°54	20°57	19°17	21° 2	6° 4	3°45	8°29	24° 6	22°29	6°20	25°38	F 5
S 6	20 59 46	14°18'07	12♂0	11°11	24° 8	21°35	19°25	21°10	6° 3	3°44	8°31	24° 1	22°26	6°27	25°46	S 6
S 7	21 3 43	15°15'29	26°48	12°17	25°21	22°14	19°34	21°17	6° 1	3°43	8°32	23°54	22°23	6°34	25°53	S 7
M 8	21 7 39	16°12'52	11♂19	13°20	26°35	22°52	19°42	21°25	6° 0	3°42	8°34	23°46	22°20	6°40	26° 1	M 8
T 9	21 11 36	17°10'15	25°27	14°21	27°49	23°30	19°51	21°32	5°59	3°41	8°36	23°38	22°17	6°47	26° 8	T 9
W10	21 15 32	18° 7'40	9♂8	15°18	29° 3	24° 8	20° 0	21°39	5°58	3°40	8°37	23°31	22°14	6°54	26°16	W10
T 11	21 19 29	19° 5'04	22°22	16°13	0♂17	24°47	20° 9	21°46	5°56	3°39	8°39	23°26	22°10	7° 0	26°23	T 11
F 12	21 23 25	20° 2'29	5♂11	17° 5	1°31	25°25	20°18	21°54	5°55	3°38	8°40	23°22	22° 7	7° 7	26°31	F 12
S 13	21 27 22	20°59'55	17°37	17°53	2°45	26° 3	20°27	22° 1	5°53	3°37	8°42	23°D21	22° 4	7°14	26°38	S 13
S 14	21 31 18	21°57'22	29°45	18°38	3°59	26°42	20°36	22° 8	5°52	3°36	8°44	23°21	22° 1	7°20	26°46	S 14
M15	21 35 15	22°54'49	11♂42	19°19	5°12	27°20	20°46	22°15	5°50	3°35	8°45	23°22	21°58	7°27	26°53	M15
T 16	21 39 11	23°52'16	23°31	19°57	6°26	27°58	20°55	22°22	5°49	3°33	8°47	23°R23	21°54	7°34	27° 1	T 16
W17	21 43 8	24°49'45	5♂18	20°30	7°40	28°36	21° 5	22°29	5°47	3°32	8°49	23°22	21°51	7°40	27° 8	W17
T 18	21 47 5	25°47'14	17° 8	21° 0	8°54	29°15	21°14	22°36	5°45	3°31	8°50	23°19	21°48	7°47	27°16	T 18
F 19	21 51 1	26°44'44	29° 4	21°25	10° 8	29°53	21°24	22°43	5°44	3°30	8°52	23°14	21°45	7°54	27°23	F 19
S 20	21 54 58	27°42'15	11♂9	21°46	11°22	0♂31	21°34	22°50	5°42	3°29	8°53	23° 6	21°42	8° 0	27°31	S 20
S 21	21 58 54	28°39'47	23°25	22° 1	12°36	1° 9	21°44	22°57	5°40	3°27	8°55	22°56	21°39	8° 7	27°38	S 21
M22	22 2 51	29°37'20	5♂53	22°12	13°49	1°47	21°54	23° 4	5°39	3°26	8°56	22°45	21°35	8°13	27°46	M22
T 23	22 6 47	0♂34'54	18°34	22°18	15° 3	2°26	22° 4	23°10	5°37	3°25	8°58	22°34	21°32	8°20	27°53	T 23
W24	22 10 44	1°32'29	1°Y26	22°R19	16°17	3° 4	22°14	23°17	5°35	3°23	9° 0	22°23	21°29	8°27	28° 1	W24
T 25	22 14 40	2°30'05	14°31	22°14	17°31	3°42	22°24	23°24	5°33	3°22	9° 1	22°13	21°26	8°33	28° 8	T 25
F 26	22 18 37	3°27'43	27°48	22° 4	18°45	4°20	22°35	23°30	5°31	3°21	9° 3	22° 6	21°23	8°40	28°16	F 26
S 27	22 22 34	4°25'23	11♂16	21°48	19°59	4°58	22°45	23°37	5°29	3°19	9° 4	22° 2	21°20	8°47	28°23	S 27
S 28	22 26 30	5°23'04	24°56	21°26	21°12	5°37	22°56	23°43	5°27	3°18	9° 6	22° 0	21°16	8°53	28°31	S 28
M29	22 30 27	6°20'46	8♂49	20°59	22°26	6°15	23° 6	23°50	5°25	3°16	9° 7	22°D 0	21°13	9° 0	28°38	M29
T 30	22 34 23	7°18'30	22°55	20°26	23°40	6°53	23°17	23°56	5°23	3°15	9° 9	22°R 0	21°10	9° 7	28°46	T 30
W31	22 38 20	8♂16'16	7♂13	19♂49	24♂54	7♂31	23♂28	24♂3	5°Y21	3°Y14	9♂10	21♂59	21♂7	9♂13	28♂53	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	17n48	21n56	2n15	9n44	0n 8	16n39	1n19	16n21	1n 9	6s13	1n11	21n21	0s26	1n43	0s46	M 1
T 2	17 33	23 15	1 2	9 6	0s 2	16 17	1 20	16 9	1 9	6 16	1 11	21 20	0 26	1 43	0 46	T 2
W 3	17 17	23 3	0s17	8 29	0 12	15 54	1 21	15 57	1 9	6 20	1 11	21 19	0 26	1 42	0 46	W 3
T 4	17 1	21 13	1 35	7 52	0 22	15 32	1 22	15 45	1 9	6 23	1 10	21 18	0 26	1 42	0 46	T 4
F 5	16 45	17 55	2 48	7 16	0 33	15 8	1 23	15 33	1 9	6 26	1 10	21 17	0 26	1 41	0 46	F 5
S 6	16 29	13 28	3 49	6 40	0 44	14 45	1 24	15 21	1 9	6 30	1 10	21 16	0 26	1 41	0 46	S 6
S 7	16 12	8 15	4 33	6 5	0 55	14 21	1 24	15 8	1 9	6 33	1 10	21 15	0 26	1 40	0 46	S 7
M 8	15 55	2 40	5 0	5 30	1 6	13 56	1 25	14 56	1 9	6 36	1 10	21 14	0 26	1 40	0 46	M 8
T 9	15 38	2s53	5 7	4 57	1 18	13 31	1 25	14 43	1 9	6 40	1 9	21 13	0 25	1 39	0 47	T 9
W10	15 20	8 8	4 55	4 24	1 29	13 6	1 26	14 30	1 9	6 43	1 9	21 12	0 25	1 39	0 47	W10
T 11	15 3	12 50	4 29	3 52	1 41	12 41	1 26	14 18	1 9	6 47	1 9	21 11	0 25	1 38	0 47	T 11
F 12	14 45	16 48	3 49	3 21	1 53	12 15	1 27	14 5	1 9	6 50	1 9	21 10	0 25	1 38	0 47	F 12
S 13	14 27	19 54	3 0	2 52	2 5	11 49	1 27	13 52	1 9	6 54	1 9	21 9	0 25	1 37	0 47	S 13
S 14	14 8	22 2	2 3	2 23	2 16	11 22	1 27	13 39	1 9	6 58	1 8	21 8	0 25	1 36	0 47	S 14
M15	13 50	23 8	1 2	1 56	2 28	10 56	1 28	13 26	1 9	7 1	1 8	21 6	0 25	1 36	0 47	M15
T 16	13 31	23 11	0n 1	1 31	2 40	10 28	1 28	13 12	1 9	7 5	1 8	21 5	0 25	1 35	0 47	T 16
W17	13 12	22 11	1 3	1 7	2 52	10 1	1 28	12 59	1 8	7 9	1 8	21 4	0 25	1 34	0 47	W17
T 18	12 53	20 13	2 4	0 45	3 4	9 34	1 28	12 46	1 8	7 12	1 8	21 3	0 25	1 34	0 47	T 18
F 19	12 33	17 21	2 59	0 24	3 15	9 6	1 28	12 32	1 8	7 16	1 8	21 2	0 25	1 33	0 47	F 19
S 20	12 14	13 44	3 46	0 6	3 26	8 38	1 27	12 19	1 8	7 20	1 7	21 1	0 25	1 32	0 47	S 20
S 21	11 54	9 30	4 24	0s10	3 37	8 9	1 27	12 5	1 8	7 24	1 7	21 0	0 25	1 32	0 47	S 21
M22	11 34	4 50	4 50	0 24	3 47	7 41	1 27	11 52	1 8	7 28	1 7	20 59	0 25	1 31	0 47	M22
T 23	11 14	0n 7	5 2	0 35	3 57	7 12	1 27	11 38	1 8	7 31	1 7	20 58	0 25	1 30	0 47	T 23
W24	10 53	5 8	4 59	0 44	4 6	6 43	1 26	11 24	1 8	7 35	1 7	20 57	0 25	1 29	0 47	W24
T 25	10 33	10 0	4 40	0 50	4 15	6 14	1 26	11 10	1 8	7 39	1 7	20 56	0 24	1 29	0 47	T 25
F 26	10 12	14 29	4 6	0 53	4 22	5 45	1 25	10 56	1 8	7 43	1 7	20 55	0 24	1 28	0 47	F 26
S 27	9 51	18 18	3 18	0 53	4 29	5 15	1 24	10 42	1 8	7 47	1 6	20 54	0 24	1 27	0 47	S 27
S 28	9 30	21 10	2 18	0 50	4 35	4 45	1 24	10 28	1 8	7 51	1 6	20 53	0 24	1 26	0 47	S 28
M29	9 9	22 50	1 9	0 43	4 39	4 16	1 23	10 14	1 8	7 55	1 6	20 52	0 24	1 26	0 47	M29
T 30	8 48	23 5	0s 5	0 33	4 42	3 46	1 22	10 0	1 7	7 59	1 6	20 51	0 24	1 25	0 47	T 30
W31	8n26	21n50	1s20	0s20	4s43	3n16	1n21	9n46	1n 7	8s 3	1n 6	20n50	0s24	1n24	0s47	W31

Julian Day Number = 2700487.5, Delta T = 25m52s

Ecliptic obliquity = 23°21'02, Nutation = 0°00'18

Ayanamsha: Fagan/Bradley = 34°16'30, Lahiri = 33°23'30

# ASTRODIENST EPHEMERIS for the year 2681

SEPTEMBER 2681

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 42 16	9 <sup>h</sup> 14 <sup>m</sup> 04 <sup>s</sup>	21 <sup>h</sup> 54 <sup>m</sup> 41 <sup>s</sup>	19°R 7	26 <sup>h</sup> 08 <sup>m</sup> 8	8 <sup>h</sup> 09 <sup>m</sup> 9	23 <sup>h</sup> 53 <sup>m</sup> 38 <sup>s</sup>	24 <sup>h</sup> 59 <sup>m</sup> 9	5°R19	3°R12	9 <sup>h</sup> 01 <sup>m</sup> 12 <sup>s</sup>	21°R57	21 <sup>h</sup> 57 <sup>m</sup> 4	9 <sup>h</sup> 20 <sup>m</sup> 0	29 <sup>h</sup> 01 <sup>m</sup> 1	T 1
F 2	22 46 13	10°11'53"	6 <sup>h</sup> 01 <sup>m</sup> 15 <sup>s</sup>	18 <sup>h</sup> 01 <sup>m</sup> 21 <sup>s</sup>	27°22	8°47	23°49	24°15	5°Y17	3°Y11	9°13	21°51	21° 0	9°27	29° 8	F 2
S 3	22 50 9	11° 9'43"	20°51	17°31	28°36	9°26	24° 0	24°21	5°15	3° 9	9°15	21°43	20°57	9°33	29°16	S 3
S 4	22 54 6	12° 7'35"	5 <sup>h</sup> 09 <sup>m</sup> 21 <sup>s</sup>	16°39	29°49	10° 4	24°11	24°27	5°13	3° 8	9°16	21°33	20°54	9°40	29°23	S 4
M 5	22 58 3	13° 5'28"	19°39	15°45	1 <sup>h</sup> 53 <sup>m</sup> 3	10°42	24°22	24°33	5°11	3° 6	9°17	21°22	20°51	9°47	29°31	M 5
T 6	23 1 59	14° 3'23"	3 <sup>h</sup> 53 <sup>m</sup> 38 <sup>s</sup>	14°51	2°17	11°20	24°34	24°39	5° 8	3° 5	9°19	21°10	20°48	9°53	29°38	T 6
W 7	23 5 56	15° 1'19"	17°14	13°57	3°31	11°58	24°45	24°45	5° 6	3° 3	9°20	21° 0	20°45	10° 0	29°46	W 7
T 8	23 9 52	15°59'17"	0 <sup>h</sup> 01 <sup>m</sup> 27 <sup>s</sup>	13° 4	4°45	12°37	24°56	24°51	5° 4	3° 1	9°22	20°51	20°41	10° 7	29°53	T 8
F 9	23 13 49	16°57'16"	13°15	12°14	5°58	13°15	25° 8	24°57	5° 2	3° 0	9°23	20°45	20°38	10°13	0 <sup>h</sup> 00 <sup>m</sup> 0	F 9
S 10	23 17 45	17°55'16"	25°41	11°29	7°12	13°53	25°19	25° 3	5° 0	2°58	9°24	20°42	20°35	10°20	0° 8	S 10
S 11	23 21 42	18°53'18"	7 <sup>h</sup> 57 <sup>m</sup> 51 <sup>s</sup>	10°48	8°26	14°31	25°30	25° 8	4°57	2°57	9°26	20°41	20°32	10°26	0°15	S 11
M12	23 25 38	19°51'21"	19°48	10°12	9°40	15° 9	25°42	25°14	4°55	2°55	9°27	20°40	20°29	10°33	0°22	M12
T 13	23 29 35	20°49'25"	1 <sup>h</sup> 53 <sup>m</sup> 38 <sup>s</sup>	9°44	10°54	15°47	25°54	25°20	4°53	2°53	9°28	20°40	20°26	10°40	0°30	T 13
W14	23 33 32	21°47'31"	13°26	9°23	12° 7	16°26	26° 5	25°25	4°50	2°52	9°30	20°39	20°22	10°46	0°37	W14
T 15	23 37 28	22°45'38"	25°18	9°10	13°21	17° 4	26°17	25°30	4°48	2°50	9°31	20°36	20°19	10°53	0°44	T 15
F 16	23 41 25	23°43'46"	7 <sup>h</sup> 58 <sup>m</sup> 19 <sup>s</sup>	9°D 6	14°35	17°42	26°29	25°36	4°46	2°49	9°32	20°30	20°16	11° 0	0°51	F 16
S 17	23 45 21	24°41'56"	19°31	9°10	15°49	18°20	26°41	25°41	4°43	2°47	9°33	20°22	20°13	11° 6	0°59	S 17
S 18	23 49 18	25°40'07"	1 <sup>h</sup> 59 <sup>m</sup> 59 <sup>s</sup>	9°23	17° 2	18°58	26°53	25°46	4°41	2°45	9°35	20°11	20°10	11°13	1° 6	S 18
M19	23 53 14	26°38'20"	14°42	9°44	18°16	19°36	27° 5	25°51	4°39	2°44	9°36	19°59	20° 6	11°20	1°13	M19
T 20	23 57 11	27°36'35"	27°41	10°15	19°30	20°15	27°17	25°56	4°36	2°42	9°37	19°46	20° 3	11°26	1°20	T 20
W21	0 1 7	28°34'51"	10 <sup>h</sup> 09 <sup>m</sup> 56 <sup>s</sup>	10°54	20°44	20°53	27°29	26° 1	4°34	2°40	9°38	19°34	20° 0	11°33	1°27	W21
T 22	0 5 4	29°33'10"	24°23	11°41	21°57	21°31	27°41	26° 6	4°31	2°39	9°39	19°23	19°57	11°40	1°34	T 22
F 23	0 9 0	0 <sup>h</sup> 53 <sup>m</sup> 13 <sup>s</sup>	8 <sup>h</sup> 8 <sup>m</sup> 2	12°37	23°11	22° 9	27°53	26°11	4°29	2°37	9°40	19°15	19°54	11°46	1°41	F 23
S 24	0 12 57	1°29'52"	21°49	13°39	24°25	22°47	28° 5	26°16	4°27	2°35	9°42	19°10	19°51	11°53	1°48	S 24
S 25	0 16 54	2°28'16"	5 <sup>h</sup> 04 <sup>m</sup> 42 <sup>s</sup>	14°48	25°38	23°25	28°17	26°20	4°24	2°34	9°43	19° 8	19°47	12° 0	1°55	S 25
M26	0 20 50	3°26'43"	19°42	16° 4	26°52	24° 4	28°30	26°25	4°22	2°32	9°44	19°D 8	19°44	12° 6	2° 2	M26
T 27	0 24 47	4°25'11"	3 <sup>h</sup> 56 <sup>m</sup> 46 <sup>s</sup>	17°26	28° 6	24°42	28°42	26°29	4°19	2°30	9°45	19°R 8	19°41	12°13	2° 9	T 27
W28	0 28 43	5°23'42"	17°54	18°52	29°19	25°20	28°54	26°34	4°17	2°29	9°46	19° 7	19°38	12°20	2°16	W28
T 29	0 32 40	6°22'15"	2 <sup>h</sup> 02 <sup>m</sup> 5	20°23	0 <sup>h</sup> 01 <sup>m</sup> 33 <sup>s</sup>	25°58	29° 7	26°38	4°15	2°27	9°47	19° 5	19°35	12°26	2°23	T 29
F 30	0 36 36	7 <sup>h</sup> 52 <sup>m</sup> 05 <sup>s</sup>	16 <sup>h</sup> 01 <sup>m</sup> 17 <sup>s</sup>	21 <sup>h</sup> 08 <sup>m</sup> 58 <sup>s</sup>	1 <sup>h</sup> 01 <sup>m</sup> 46 <sup>s</sup>	26 <sup>h</sup> 03 <sup>m</sup> 36 <sup>s</sup>	29 <sup>h</sup> 51 <sup>m</sup> 19 <sup>s</sup>	26 <sup>h</sup> 54 <sup>m</sup> 42 <sup>s</sup>	4°Y12	2°Y25	9°04 <sup>m</sup> 48 <sup>s</sup>	19°57 <sup>m</sup> 0	19°57 <sup>m</sup> 31 <sup>s</sup>	12 <sup>h</sup> 53 <sup>m</sup> 33 <sup>s</sup>	2 <sup>h</sup> 09 <sup>m</sup> 29 <sup>s</sup>	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	8n 5	19n 8	2s30	0s 3	4s43	2n46	1n20	9n31	1n 7	8s 8	1n 6	20n48	0s24	1n23	0s47	0n10
F 2	7 43	15 13	3 32	0n17	4 41	2 16	1 19	9 17	1 7	8 12	1 6	20 47	0 24	1 22	0 47	0 9
S 3	7 21	10 24	4 19	0 39	4 37	1 45	1 18	9 2	1 7	8 16	1 5	20 46	0 24	1 21	0 47	0 9
S 4	6 59	5 2	4 49	1 5	4 31	1 15	1 17	8 48	1 7	8 20	1 5	20 45	0 24	1 21	0 47	0 8
M 5	6 37	0s32	5 1	1 33	4 24	0 45	1 16	8 33	1 7	8 24	1 5	20 44	0 24	1 20	0 47	0 7
T 6	6 15	5 56	4 54	2 2	4 14	0 14	1 15	8 19	1 7	8 28	1 5	20 43	0 24	1 19	0 47	0 7
W 7	5 53	10 55	4 30	2 33	4 3	0s16	1 13	8 4	1 7	8 33	1 5	20 42	0 24	1 18	0 47	0 6
T 8	5 30	15 13	3 53	3 5	3 50	0 47	1 12	7 50	1 6	8 37	1 5	20 41	0 24	1 17	0 47	0 5
F 9	5 8	18 41	3 4	3 38	3 35	1 17	1 10	7 35	1 6	8 41	1 5	20 40	0 24	1 16	0 47	0 5
S 10	4 45	21 11	2 8	4 10	3 19	1 48	1 9	7 20	1 6	8 45	1 5	20 39	0 24	1 15	0 47	0 4
S 11	4 23	22 39	1 7	4 41	3 2	2 18	1 7	7 5	1 6	8 50	1 4	20 39	0 23	1 14	0 47	0 4
M12	4 0	23 2	0 5	5 11	2 44	2 49	1 6	6 51	1 6	8 54	1 4	20 38	0 23	1 13	0 47	0 3
T 13	3 37	22 23	0n58	5 39	2 25	3 19	1 4	6 36	1 6	8 58	1 4	20 37	0 23	1 13	0 47	0 2
W14	3 15	20 44	1 58	6 4	2 6	3 49	1 2	6 21	1 6	9 3	1 4	20 36	0 23	1 12	0 47	0 2
T 15	2 52	18 10	2 52	6 27	1 47	4 19	1 0	6 6	1 6	9 7	1 4	20 35	0 23	1 11	0 47	0 1
F 16	2 29	14 49	3 40	6 47	1 28	4 50	0 59	5 51	1 5	9 11	1 4	20 34	0 23	1 10	0 47	0 0
S 17	2 6	10 48	4 19	7 3	1 9	5 20	0 57	5 36	1 5	9 16	1 4	20 33	0 23	1 9	0 47	0s 0
S 18	1 43	6 17	4 46	7 15	0 50	5 50	0 55	5 21	1 5	9 20	1 4	20 32	0 23	1 8	0 47	0 1
M19	1 20	1 24	4 59	7 23	0 32	6 20	0 53	5 6	1 5	9 24	1 4	20 31	0 23	1 7	0 47	0 2
T 20	0 57	3n38	4 58	7 28	0 15	6 49	0 51	4 51	1 5	9 29	1 3	20 30	0 23	1 6	0 47	0 2
W21	0 34	8 36	4 40	7 28	0n 1	7 19	0 48	4 36	1 5	9 33	1 3	20 29	0 23	1 5	0 47	0 3
T 22	0 11	13 15	4 7	7 24	0 16	7 48	0 46	4 20	1 4	9 37	1 3	20 29	0 23	1 4	0 47	0 4
F 23	0s12	17 17	3 19	7 16	0 31	8 18	0 44	4 5	1 4	9 42	1 3	20 28	0 23	1 3	0 47	0 4
S 24	0 36	20 24	2 19	7 5	0 44	8 47	0 42	3 50	1 4	9 46	1 3	20 27	0 23	1 2	0 47	0 5
S 25	0 59	22 20	1 11	6 49	0 56	9 16	0 39	3 35	1 4	9 51	1 3	20 26	0 23	1 1	0 47	0 6
M26	1 22	22 54	0s 3	6 30	1 6	9 45	0 37	3 20	1 4	9 55	1 3	20 25	0 23	1 0	0 47	0 6
T 27	1 45	22 1	1 17	6 7	1 16	10 13	0 35	3 4	1 4	10 0	1 3	20 25	0 23	0 59	0 47	0 7
W28	2 8	19 44	2 26	5 41	1 24	10 41	0 32	2 49	1 3	10 4	1 3	20 24	0 23	0 58	0 47	0 8
T 29	2 31	16 15	3 27	5 12	1 31	11 9	0 30	2 34	1 3	10 8	1 3	20 23	0 22	0 58	0 47	0 8
F 30	2s54	11n50	4s15	4n40	1n37	11s37	0n27	2n19	1n 3	10s13	1n 3	20n22	0s22	0n57	0s47	0s 9

Julian Day Number = 2700518.5, Delta T = 25m52s  
 Ecliptic obliquity = 23°21'02", Nutation = 0°00'18"  
 Ayanamsha: Fagan/Bradley = 34°16'35", Lahiri = 33°23'35"



## ASTRODIENST EPHEMERIS for the year 2681

NOVEMBER 2681

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 42 46	8♌52°27'	21♋6	17♌15	10♌56	17♋2	6♌10	28♋5	3°R 2	1°R38	10♌8	16°R31	17♌50	16♌6	5♌38	T 1
W 2	2 46 43	9°52'07"	4♌6	18°50	12°9	17°41	6°23	28°6	3°Y 1	1°Y36	10°8	16°R25	17°47	16°13	5°43	W 2
T 3	2 50 39	10°51'50"	16°51	20°24	13°22	18°19	6°36	28°7	2°59	1°35	10°9	16°20	17°43	16°19	5°47	T 3
F 4	2 54 36	11°51'35"	29°20	21°58	14°35	18°58	6°49	28°7	2°57	1°34	10°9	16°17	17°40	16°26	5°52	F 4
S 5	2 58 32	12°51'22"	11♌36	23°32	15°49	19°36	7°2	28°8	2°55	1°33	10°9	16°D16	17°37	16°33	5°57	S 5
S 6	3 2 29	13°51'11"	23°40	25°5	17°2	20°15	7°15	28°8	2°54	1°32	10°9	16°16	17°34	16°39	6°1	S 6
M 7	3 6 25	14°51'01"	5♌35	26°37	18°15	20°53	7°28	28°9	2°52	1°31	10°9	16°17	17°31	16°46	6°6	M 7
T 8	3 10 22	15°50'53"	17°24	28°9	19°28	21°31	7°41	28°9	2°51	1°30	10°9	16°19	17°28	16°53	6°10	T 8
W 9	3 14 19	16°50'47"	29°12	29°40	20°41	22°10	7°54	28°R 9	2°49	1°29	10°9	16°21	17°24	16°59	6°14	W 9
T 10	3 18 15	17°50'42"	11♌4	1♌11	21°54	22°48	8°7	28°9	2°48	1°28	10°R 9	16°22	17°21	17°6	6°18	T 10
F 11	3 22 12	18°50'39"	23°6	2°41	23°7	23°27	8°20	28°9	2°46	1°27	10°9	16°R22	17°18	17°13	6°22	F 11
S 12	3 26 8	19°50'37"	5♌20	4°11	24°20	24°5	8°33	28°9	2°45	1°26	10°9	16°21	17°15	17°19	6°26	S 12
S 13	3 30 5	20°50'37"	17°53	5°40	25°33	24°44	8°46	28°8	2°43	1°25	10°9	16°19	17°12	17°26	6°30	S 13
M14	3 34 1	21°50'39"	0°Y48	7°9	26°46	25°23	8°59	28°8	2°42	1°24	10°9	16°16	17°8	17°33	6°34	M14
T 15	3 37 58	22°50'42"	14°7	8°37	27°58	26°1	9°12	28°7	2°41	1°23	10°9	16°12	17°5	17°39	6°38	T 15
W16	3 41 54	23°50'47"	27°51	10°5	29°11	26°40	9°25	28°6	2°40	1°22	10°9	16°9	17°2	17°46	6°41	W16
T 17	3 45 51	24°50'53"	11♌57	11°32	0♌24	27°18	9°37	28°6	2°38	1°21	10°9	16°6	16°59	17°53	6°45	T 17
F 18	3 49 48	25°51'02"	26°22	12°59	1°37	27°57	9°50	28°5	2°37	1°20	10°8	16°4	16°56	17°59	6°48	F 18
S 19	3 53 44	26°51'12"	11♌0	14°25	2°50	28°35	10°3	28°4	2°36	1°19	10°8	16°D 3	16°53	18°6	6°52	S 19
S 20	3 57 41	27°51'24"	25°45	15°50	4°2	29°14	10°16	28°2	2°35	1°19	10°8	16°3	16°49	18°13	6°55	S 20
M21	4 1 37	28°51'38"	10♌30	17°15	5°15	29°52	10°28	28°1	2°34	1°18	10°8	16°4	16°46	18°19	6°58	M21
T 22	4 5 34	29°51'53"	25°7	18°39	6°28	0♌31	10°41	28°0	2°33	1°17	10°7	16°5	16°43	18°26	7°1	T 22
W23	4 9 30	0♌52°11'	9♌23	20°2	7°40	1°10	10°54	27°58	2°32	1°17	10°7	16°6	16°40	18°33	7°4	W23
T 24	4 13 27	1°52'31"	23°45	21°25	8°53	1°48	11°6	27°57	2°31	1°16	10°7	16°7	16°37	18°39	7°7	T 24
F 25	4 17 23	2°52'52"	7♌40	22°46	10°6	2°27	11°19	27°55	2°30	1°15	10°6	16°R 7	16°34	18°46	7°10	F 25
S 26	4 21 20	3°53'15"	21°18	24°6	11°18	3°6	11°31	27°53	2°29	1°15	10°6	16°7	16°30	18°53	7°12	S 26
S 27	4 25 17	4°53'41"	4♌39	25°25	12°31	3°44	11°44	27°51	2°29	1°14	10°6	16°5	16°27	18°59	7°15	S 27
M28	4 29 13	5°54'08"	17°45	26°43	13°43	4°23	11°56	27°49	2°28	1°14	10°5	16°4	16°24	19°6	7°17	M28
T 29	4 33 10	6°54'37"	0♌37	27°59	14°55	5°2	12°9	27°47	2°27	1°13	10°5	16°3	16°21	19°13	7°20	T 29
W30	4 37 6	7°55'07"	13♌15	29°13	16♌8	5♌40	12♌21	27°45	2°Y27	1°Y13	10°4	16°R 2	16°R18	19°R19	7°R22	W30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	14s24	12s 9	4s16	17s16	0s22	23s 2	1s 3	5s48	0n56	12s34	1n 1	20n 8	0s21	0n29	0s47	0s28
W 2	14 43	16 7	3 30	17 49	0 29	23 15	1 6	6 3	0 56	12 38	1 1	20 8	0 21	0 29	0 47	0 28
T 3	15 2	19 16	2 34	18 21	0 36	23 27	1 8	6 18	0 55	12 43	1 1	20 8	0 21	0 28	0 47	0 29
F 4	15 20	21 25	1 31	18 52	0 42	23 39	1 11	6 33	0 55	12 47	1 1	20 8	0 20	0 27	0 47	0 29
S 5	15 38	22 31	0 25	19 23	0 49	23 49	1 14	6 48	0 55	12 51	1 1	20 8	0 20	0 27	0 47	0 30
S 6	15 56	22 32	0n4	19 52	0 56	23 59	1 17	7 2	0 55	12 55	1 1	20 7	0 20	0 26	0 46	0 30
M 7	16 14	21 30	1 44	20 20	1 2	24 9	1 19	7 17	0 54	13 0	1 1	20 7	0 20	0 26	0 46	0 30
T 8	16 31	19 32	2 43	20 47	1 8	24 17	1 22	7 32	0 54	13 4	1 1	20 8	0 20	0 25	0 46	0 31
W 9	16 48	16 45	3 34	21 13	1 15	24 25	1 24	7 46	0 54	13 8	1 1	20 8	0 20	0 24	0 46	0 31
T 10	17 5	13 16	4 17	21 38	1 21	24 33	1 27	8 1	0 53	13 12	1 1	20 8	0 20	0 24	0 46	0 32
F 11	17 22	9 13	4 49	22 2	1 27	24 39	1 29	8 15	0 53	13 16	1 1	20 8	0 20	0 23	0 46	0 32
S 12	17 38	4 43	5 9	22 25	1 33	24 45	1 32	8 30	0 53	13 20	1 1	20 8	0 20	0 23	0 46	0 32
S 13	17 54	0n 4	5 14	22 47	1 38	24 50	1 34	8 44	0 52	13 24	1 1	20 8	0 20	0 22	0 46	0 33
M14	18 10	4 59	5 5	23 8	1 44	24 55	1 36	8 58	0 52	13 28	1 1	20 8	0 20	0 22	0 46	0 33
T 15	18 25	9 49	4 38	23 27	1 49	24 59	1 39	9 12	0 52	13 33	1 1	20 8	0 20	0 21	0 46	0 33
W16	18 40	14 20	3 55	23 46	1 54	25 2	1 41	9 27	0 52	13 37	1 1	20 9	0 20	0 21	0 46	0 34
T 17	18 55	18 11	2 57	24 3	1 59	25 4	1 43	9 41	0 51	13 41	1 1	20 9	0 20	0 20	0 46	0 34
F 18	19 9	21 0	1 47	24 19	2 4	25 5	1 45	9 55	0 51	13 45	1 1	20 9	0 20	0 20	0 46	0 34
S 19	19 23	22 28	0 28	24 34	2 8	25 6	1 47	10 9	0 51	13 49	1 1	20 9	0 19	0 20	0 46	0 35
S 20	19 37	22 24	0s53	24 48	2 12	25 6	1 49	10 23	0 50	13 52	1 1	20 10	0 19	0 19	0 46	0 35
M21	19 50	20 45	2 11	25 0	2 16	25 6	1 51	10 36	0 50	13 56	1 1	20 10	0 19	0 19	0 46	0 35
T 22	20 3	17 45	3 20	25 11	2 20	25 4	1 53	10 50	0 50	14 0	1 1	20 10	0 19	0 18	0 46	0 35
W23	20 15	13 42	4 15	25 21	2 23	25 2	1 55	11 4	0 49	14 4	1 1	20 11	0 19	0 18	0 46	0 36
T 24	20 28	8 56	4 53	25 30	2 26	24 59	1 56	11 18	0 49	14 8	1 1	20 11	0 19	0 18	0 46	0 36
F 25	20 39	3 48	5 13	25 37	2 28	24 56	1 58	11 31	0 49	14 12	1 1	20 11	0 19	0 17	0 46	0 36
S 26	20 51	1s24	5 16	25 43	2 30	24 51	2 0	11 45	0 48	14 16	1 1	20 12	0 19	0 17	0 46	0 36
S 27	21 2	6 27	5 1	25 48	2 32	24 46	2 1	11 58	0 48	14 20	1 1	20 12	0 19	0 17	0 46	0 36
M28	21 13	11 6	4 30	25 52	2 33	24 41	2 3	12 11	0 47	14 23	1 1	20 13	0 19	0 17	0 46	0 37
T 29	21 23	15 10	3 46	25 54	2 34	24 34	2 4	12 25	0 47	14 27	1 1	20 13	0 19	0 16	0 46	0 37
W30	21s33	18s29	2s52	25s55	2s34	24s27	2s 5	12s38	0n47	14s31	1n 1	20n14	0s19	0n16	0s46	0s37

Julian Day Number = 2700579.5, Delta T = 25m53s

Ecliptic obliquity = 23°21'01", Nutation = 0°00'15"

Ayanamsha: Fagan/Bradley = 34°16'43", Lahiri = 33°23'43"

## ASTRODIENST EPHEMERIS for the year 2681

DECEMBER 2681

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 41 3	8°55'40	25°40	0°25	17°20	6°19	12°34	27°R43	2°R26	1°R13	10°R 4	16°R 1	16°R 14	19°26	7°24	T 1
F 2	4 44 59	9°56'14	7°55	1°35	18°32	6°58	12°46	27°340	2°Y26	1°Y12	10°Ω 3	16°Ω 0	16°Ω 11	19°33	7°26	F 2
S 3	4 48 56	10°56'49	20° 0	2°42	19°45	7°37	12°58	27°38	2°25	1°12	10° 3	16°D 0	16° 8	19°39	7°28	S 3
S 4	4 52 52	11°57'26	1°38	3°47	20°57	8°15	13°10	27°35	2°25	1°12	10° 2	16° 1	16° 5	19°46	7°30	S 4
M 5	4 56 49	12°58'04	13°49	4°48	22° 9	8°54	13°23	27°32	2°24	1°11	10° 1	16° 1	16° 2	19°53	7°32	M 5
T 6	5 0 46	13°58'43	25°38	5°45	23°21	9°33	13°35	27°30	2°24	1°11	10° 1	16° 1	15°59	19°59	7°34	T 6
W 7	5 4 42	14°59'24	7°26	6°38	24°33	10°12	13°47	27°27	2°24	1°11	10° 0	16° 1	15°55	20° 6	7°35	W 7
T 8	5 8 39	16° 0'05	19°18	7°27	25°45	10°50	13°59	27°24	2°24	1°11	10° 0	16°R 1	15°52	20°13	7°36	T 8
F 9	5 12 35	17° 0'48	1°17	8° 9	26°57	11°29	14°11	27°21	2°24	1°11	9°59	16° 1	15°49	20°19	7°38	F 9
S 10	5 16 32	18° 1'31	13°29	8°46	28° 9	12° 8	14°23	27°17	2°23	1°11	9°58	16°D 1	15°46	20°26	7°39	S 10
S 11	5 20 28	19° 2'16	25°57	9°15	29°21	12°47	14°35	27°14	2°23	1°10	9°57	16° 1	15°43	20°33	7°40	S 11
M12	5 24 25	20° 3'01	8°Y46	9°36	0°33	13°26	14°46	27°11	2°D23	1°D10	9°57	16° 2	15°40	20°39	7°41	M12
T 13	5 28 21	21° 3'48	21°59	9°49	1°44	14° 4	14°58	27° 7	2°23	1°10	9°56	16° 2	15°36	20°46	7°42	T 13
W14	5 32 18	22° 4'35	5°B39	9°R53	2°56	14°43	15°10	27° 4	2°24	1°10	9°55	16° 2	15°33	20°53	7°43	W14
T 15	5 36 15	23° 5'23	19°46	9°46	4° 7	15°22	15°21	27° 0	2°24	1°11	9°54	16° 3	15°30	20°59	7°43	T 15
F 16	5 40 11	24° 6'13	4°II17	9°28	5°19	16° 1	15°33	26°57	2°24	1°11	9°53	16° 4	15°27	21° 6	7°44	F 16
S 17	5 44 8	25° 7'03	19° 9	8°59	6°30	16°40	15°44	26°53	2°24	1°11	9°52	16°R 4	15°24	21°13	7°44	S 17
S 18	5 48 4	26° 7'54	4°D14	8°19	7°42	17°19	15°56	26°49	2°25	1°11	9°52	16° 3	15°20	21°19	7°45	S 18
M19	5 52 1	27° 8'46	19°23	7°27	8°53	17°57	16° 7	26°45	2°25	1°11	9°51	16° 2	15°17	21°26	7°45	M19
T 20	5 55 57	28° 9'40	4°L26	6°26	10° 4	18°36	16°18	26°41	2°25	1°11	9°50	16° 1	15°14	21°33	7°45	T 20
W21	5 59 54	29°10'34	19°15	5°16	11°15	19°15	16°29	26°37	2°26	1°12	9°49	15°59	15°11	21°39	7°R45	W21
T 22	6 3 50	0°31'1'30	3°II44	3°59	12°26	19°54	16°41	26°33	2°26	1°12	9°48	15°58	15° 8	21°46	7°45	T 22
F 23	6 7 47	1°12'26	17°49	2°37	13°37	20°33	16°52	26°29	2°27	1°12	9°47	15°57	15° 5	21°53	7°45	F 23
S 24	6 11 44	2°13'24	1°L29	1°14	14°48	21°12	17° 3	26°25	2°27	1°13	9°46	15°D56	15° 1	21°59	7°45	S 24
S 25	6 15 40	3°14'23	14°45	29°J52	15°58	21°51	17°13	26°20	2°28	1°13	9°45	15°57	14°58	22° 6	7°44	S 25
M26	6 19 37	4°15'23	27°40	28°34	17° 9	22°30	17°24	26°16	2°29	1°14	9°44	15°58	14°55	22°13	7°44	M26
T 27	6 23 33	5°16'24	10°II17	27°22	18°19	23° 9	17°35	26°12	2°30	1°14	9°43	15°59	14°52	22°19	7°43	T 27
W28	6 27 30	6°17'26	22°39	26°18	19°30	23°48	17°46	26° 7	2°30	1°15	9°42	16° 1	14°49	22°26	7°42	W28
T 29	6 31 26	7°18'28	4°J49	25°24	20°40	24°27	17°56	26° 3	2°31	1°15	9°41	16° 2	14°46	22°33	7°41	T 29
F 30	6 35 23	8°19'32	16°51	24°41	21°50	25° 6	18° 7	25°58	2°32	1°16	9°40	16°R 3	14°42	22°39	7°40	F 30
S 31	6 39 20	9°20'36	28°J46	24°J 8	23°30	25°M45	18°M17	25°53	2°Y33	1°Y16	9°Ω38	16°J 2	14°J39	22°Ω46	7°M39	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	21s42	20s54	1s51	25s54	2s33	24s19	2s 6	12s51	0n46	14s34	1n 1	20n14	0s19	0n16	0s46	T 1
F 2	21 51	22 17	0 45	25 53	2 32	24 11	2 8	13 4	0 46	14 38	1 1	20 15	0 19	0 16	0 46	F 2
S 3	22 0	22 36	0n22	25 50	2 30	24 1	2 9	13 17	0 46	14 42	1 1	20 15	0 18	0 16	0 46	S 3
S 4	22 8	21 53	1 28	25 46	2 28	23 51	2 10	13 30	0 45	14 45	1 2	20 16	0 18	0 16	0 45	S 4
M 5	22 16	20 10	2 29	25 40	2 24	23 41	2 10	13 42	0 45	14 49	1 2	20 17	0 18	0 16	0 45	M 5
T 6	22 24	17 37	3 23	25 34	2 20	23 30	2 11	13 55	0 44	14 53	1 2	20 17	0 18	0 15	0 45	T 6
W 7	22 31	14 20	4 9	25 26	2 15	23 18	2 12	14 7	0 44	14 56	1 2	20 18	0 18	0 15	0 45	W 7
T 8	22 37	10 28	4 44	25 17	2 9	23 5	2 12	14 20	0 44	15 0	1 2	20 18	0 18	0 15	0 45	T 8
F 9	22 43	6 11	5 7	25 7	2 1	22 52	2 13	14 32	0 43	15 3	1 2	20 19	0 18	0 15	0 45	F 9
S 10	22 49	1 35	5 18	24 56	1 53	22 38	2 13	14 44	0 43	15 6	1 2	20 20	0 18	0 15	0 45	S 10
S 11	22 54	3n11	5 13	24 45	1 43	22 23	2 14	14 57	0 42	15 10	1 2	20 21	0 18	0 15	0 45	S 11
M12	22 59	7 57	4 53	24 32	1 32	22 8	2 14	15 9	0 42	15 13	1 2	20 21	0 18	0 15	0 45	M12
T 13	23 3	12 31	4 18	24 19	1 20	21 53	2 14	15 20	0 42	15 17	1 2	20 22	0 18	0 15	0 45	T 13
W14	23 7	16 36	3 26	24 5	1 6	21 36	2 14	15 32	0 41	15 20	1 2	20 23	0 18	0 16	0 45	W14
T 15	23 10	19 52	2 21	23 50	0 51	21 19	2 14	15 44	0 41	15 23	1 2	20 24	0 18	0 16	0 45	T 15
F 16	23 13	21 59	1 5	23 35	0 35	21 2	2 14	15 56	0 40	15 27	1 2	20 24	0 17	0 16	0 45	F 16
S 17	23 16	22 37	0s17	23 20	0 17	20 44	2 13	16 7	0 40	15 30	1 2	20 25	0 17	0 16	0 45	S 17
S 18	23 18	21 38	1 39	23 3	0n 2	20 25	2 13	16 18	0 39	15 33	1 2	20 26	0 17	0 16	0 45	S 18
M19	23 19	19 4	2 55	22 47	0 22	20 6	2 13	16 30	0 39	15 36	1 2	20 27	0 17	0 16	0 45	M19
T 20	23 20	15 14	3 57	22 30	0 42	19 47	2 12	16 41	0 38	15 39	1 3	20 28	0 17	0 16	0 45	T 20
W21	23 21	10 30	4 43	22 13	1 2	19 26	2 11	16 52	0 38	15 42	1 3	20 28	0 17	0 17	0 45	W21
T 22	23 21	5 17	5 10	21 56	1 21	19 6	2 10	17 3	0 38	15 45	1 3	20 29	0 17	0 17	0 45	T 22
F 23	23 21	0s 4	5 17	21 39	1 40	18 45	2 9	17 14	0 37	15 48	1 3	20 30	0 17	0 17	0 45	F 23
S 24	23 20	5 15	5 5	21 23	1 58	18 23	2 8	17 24	0 37	15 51	1 3	20 31	0 17	0 17	0 45	S 24
S 25	23 19	10 4	4 38	21 8	2 13	18 1	2 7	17 35	0 36	15 54	1 3	20 32	0 17	0 18	0 45	S 25
M26	23 17	14 17	3 57	20 54	2 27	17 38	2 6	17 45	0 36	15 57	1 3	20 33	0 17	0 18	0 45	M26
T 27	23 15	17 47	3 5	20 41	2 38	17 15	2 5	17 55	0 35	16 0	1 3	20 34	0 16	0 18	0 45	T 27
W28	23 12	20 23	2 6	20 31	2 47	16 52	2 3	18 6	0 35	16 3	1 3	20 35	0 16	0 19	0 44	W28
T 29	23 9	22 2	1 2	20 23	2 53	16 28	2 1	18 16	0 34	16 6	1 3	20 36	0 16	0 19	0 44	T 29
F 30	23 5	22 38	0n 4	20 17	2 57	16 4	2 0	18 25	0 34	16 9	1 3	20 37	0 16	0 20	0 44	F 30
S 31	23s 1	22s11	1n10	20s14	2n59	15s39	1s58	18s35	0n33	16s11	1n 3	20n38	0s16	0n20	0s44	S 31

Julian Day Number = 2700609.5, Delta T = 25m53s

Ecliptic obliquity = 23°21'00, Nutation = 0°00'16

Ayanamsha: Fagan/Bradley = 34°16'47, Lahiri = 33°23'47

## ASTRODIENST EPHEMERIS for the year 2682

JANUARY 2682

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 43 16	10°21'41	10°37	23°R47	24°10	26°24	18°27	25°R49	2°Y34	1°Y17	9°R37	16°R 0	14°36	22°53	7°R38	S 1
M 2	6 47 13	11°22'46	22°27	23°36	25°20	27° 3	18°37	25°34	2°35	1°18	9°36	15°57	14°33	22°59	7°37	M 2
T 3	6 51 9	12°23'52	4°16	23°D34	26°30	27°42	18°48	25°39	2°36	1°19	9°35	15°52	14°30	23° 6	7°36	T 3
W 4	6 55 6	13°24'58	16° 7	23°43	27°39	28°21	18°58	25°35	2°38	1°19	9°34	15°47	14°26	23°13	7°34	W 4
T 5	6 59 2	14°26'05	28° 2	24° 0	28°48	29° 0	19° 7	25°30	2°39	1°20	9°33	15°42	14°23	23°19	7°32	T 5
F 6	7 2 59	15°27'11	10°H 3	24°25	29°58	29°39	19°17	25°25	2°40	1°21	9°32	15°37	14°20	23°26	7°31	F 6
S 7	7 6 55	16°28'18	22°15	24°57	1°H 7	0°18	19°27	25°20	2°41	1°22	9°30	15°33	14°17	23°33	7°29	S 7
S 8	7 10 52	17°29'24	4°Y40	25°35	2°16	0°57	19°37	25°15	2°43	1°23	9°29	15°31	14°14	23°40	7°27	S 8
M 9	7 14 49	18°30'31	17°22	26°19	3°25	1°36	19°46	25°10	2°44	1°24	9°28	15°D30	14°11	23°46	7°25	M 9
T 10	7 18 45	19°31'37	0°B26	27° 7	4°33	2°15	19°55	25° 5	2°46	1°25	9°27	15°31	14° 7	23°53	7°23	T 10
W 11	7 22 42	20°32'44	13°54	28° 1	5°42	2°54	20° 5	25° 0	2°47	1°26	9°25	15°32	14° 4	24° 0	7°21	W 11
T 12	7 26 38	21°33'50	27°49	28°58	6°50	3°33	20°14	24°56	2°49	1°27	9°24	15°34	14° 1	24° 6	7°19	T 12
F 13	7 30 35	22°34'57	12°H 12	29°59	7°58	4°12	20°23	24°51	2°50	1°28	9°23	15°R34	13°58	24°13	7°16	F 13
S 14	7 34 31	23°36'03	26°59	1°B 3	9° 6	4°51	20°32	24°46	2°52	1°29	9°22	15°34	13°55	24°20	7°14	S 14
S 15	7 38 28	24°37'09	12°B 6	2°10	10°14	5°31	20°41	24°41	2°54	1°30	9°20	15°32	13°52	24°26	7°11	S 15
M 16	7 42 24	25°38'15	27°23	3°19	11°21	6°10	20°49	24°36	2°55	1°31	9°19	15°27	13°48	24°33	7° 8	M 16
T 17	7 46 21	26°39'21	12°B 4	4°30	12°28	6°49	20°58	24°31	2°57	1°32	9°18	15°22	13°45	24°40	7° 6	T 17
W 18	7 50 18	27°40'27	27°48	5°44	13°35	7°28	21° 6	24°26	2°59	1°33	9°16	15°15	13°42	24°46	7° 3	W 18
T 19	7 54 14	28°41'32	12°H 35	6°59	14°42	8° 7	21°15	24°21	3° 1	1°35	9°15	15° 8	13°39	24°53	7° 0	T 19
F 20	7 58 11	29°42'38	26°56	8°16	15°49	8°46	21°23	24°16	3° 3	1°36	9°14	15° 3	13°36	25° 0	6°57	F 20
S 21	8 2 7	0°43'44	10°B 47	9°34	16°55	9°25	21°31	24°11	3° 5	1°37	9°13	14°59	13°32	25° 6	6°54	S 21
S 22	8 6 4	1°44'50	24° 9	10°53	18° 1	10° 4	21°39	24° 6	3° 7	1°39	9°11	14°57	13°29	25°13	6°51	S 22
M 23	8 10 0	2°45'56	7°M 4	12°14	19° 7	10°44	21°47	24° 1	3° 9	1°40	9°10	14°D57	13°26	25°20	6°48	M 23
T 24	8 13 57	3°47'03	19°37	13°36	20°13	11°23	21°54	23°56	3°11	1°41	9° 9	14°58	13°23	25°26	6°44	T 24
W 25	8 17 53	4°48'09	1°B 52	14°59	21°18	12° 2	22° 2	23°52	3°13	1°43	9° 7	14°59	13°20	25°33	6°41	W 25
T 26	8 21 50	5°49'15	13°55	16°23	22°23	12°41	22° 9	23°47	3°15	1°44	9° 6	15°R 0	13°17	25°40	6°37	T 26
F 27	8 25 47	6°50'21	25°48	17°47	23°28	13°20	22°17	23°42	3°17	1°46	9° 5	14°59	13°13	25°46	6°34	F 27
S 28	8 29 43	7°51'26	7°B 38	19°13	24°33	14° 0	22°24	23°37	3°20	1°47	9° 3	14°56	13°10	25°53	6°30	S 28
S 29	8 33 40	8°52'31	19°26	20°39	25°37	14°39	22°31	23°33	3°22	1°49	9° 2	14°50	13° 7	26° 0	6°27	S 29
M 30	8 37 36	9°53'36	1°B 15	22° 6	26°41	15°18	22°38	23°28	3°24	1°50	9° 1	14°42	13° 4	26° 6	6°23	M 30
T 31	8 41 33	10°54'40	13°B 7	23°B 34	27°H 45	15°B 57	22°M 45	23°B 23	3°Y 26	1°Y 52	8°B 59	14°B 32	13°B 1	26°B 13	6°M 19	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	22s57	20s45	2n11	20s13	2n59	15s14	1s56	18s45	0n33	16s14	1n 4	20n39	0s16	0n20	0s44	0s13
M 2	22 52	18 25	3 7	20 14	2 58	14 49	1 54	18 54	0 32	16 17	1 4	20 40	0 16	0 21	0 44	0 34
T 3	22 46	15 19	3 55	20 17	2 55	14 23	1 52	19 4	0 32	16 20	1 4	20 40	0 16	0 21	0 44	0 34
W 4	22 41	11 37	4 32	20 22	2 50	13 57	1 49	19 13	0 31	16 22	1 4	20 41	0 16	0 22	0 44	0 33
T 5	22 34	7 27	4 58	20 28	2 45	13 31	1 47	19 22	0 31	16 25	1 4	20 42	0 16	0 22	0 44	0 33
F 6	22 28	2 58	5 11	20 35	2 39	13 4	1 44	19 31	0 30	16 27	1 4	20 43	0 15	0 23	0 44	0 33
S 7	22 20	1n42	5 11	20 43	2 32	12 37	1 42	19 39	0 30	16 30	1 4	20 44	0 15	0 23	0 44	0 32
S 8	22 13	6 22	4 56	20 52	2 25	12 10	1 39	19 48	0 29	16 32	1 4	20 45	0 15	0 24	0 44	0 32
M 9	22 5	10 53	4 26	21 1	2 17	11 42	1 36	19 56	0 28	16 35	1 4	20 46	0 15	0 25	0 44	0 31
T 10	21 56	15 3	3 42	21 11	2 8	11 15	1 33	20 5	0 28	16 37	1 5	20 47	0 15	0 25	0 44	0 31
W 11	21 47	18 34	2 44	21 20	2 0	10 47	1 30	20 13	0 27	16 39	1 5	20 48	0 15	0 26	0 44	0 31
T 12	21 38	21 9	1 35	21 30	1 51	10 18	1 26	20 21	0 27	16 42	1 5	20 49	0 15	0 27	0 44	0 30
F 13	21 28	22 28	0 18	21 39	1 42	9 50	1 23	20 29	0 26	16 44	1 5	20 50	0 15	0 27	0 44	0 30
S 14	21 18	22 17	1s 2	21 47	1 33	9 21	1 19	20 36	0 26	16 46	1 5	20 51	0 15	0 28	0 44	0 29
S 15	21 7	20 29	2 19	21 56	1 24	8 53	1 16	20 44	0 25	16 48	1 5	20 52	0 15	0 29	0 44	0 29
M 16	20 56	17 13	3 28	22 3	1 15	8 24	1 12	20 51	0 24	16 51	1 5	20 53	0 14	0 29	0 44	0 28
T 17	20 45	12 46	4 21	22 10	1 6	7 54	1 8	20 59	0 24	16 53	1 5	20 54	0 14	0 30	0 44	0 28
W 18	20 33	7 34	4 55	22 16	0 57	7 25	1 4	21 6	0 23	16 55	1 6	20 55	0 14	0 31	0 44	0 27
T 19	20 21	2 3	5 9	22 22	0 49	6 55	1 0	21 13	0 23	16 57	1 6	20 56	0 14	0 32	0 44	0 27
F 20	20 8	3s25	5 3	22 26	0 40	6 26	0 56	21 19	0 22	16 59	1 6	20 57	0 14	0 32	0 44	0 26
S 21	19 55	8 32	4 39	22 29	0 31	5 56	0 51	21 26	0 21	17 1	1 6	20 58	0 14	0 33	0 44	0 26
S 22	19 42	13 3	4 0	22 32	0 23	5 26	0 47	21 32	0 21	17 3	1 6	20 59	0 14	0 34	0 44	0 25
M 23	19 28	16 49	3 10	22 33	0 14	4 56	0 42	21 38	0 20	17 5	1 6	21 0	0 14	0 35	0 44	0 25
T 24	19 14	19 42	2 13	22 33	0 6	4 26	0 38	21 44	0 19	17 6	1 6	21 1	0 14	0 36	0 43	0 24
W 25	19 0	21 36	1 10	22 33	0s 2	3 56	0 33	21 50	0 19	17 8	1 6	21 2	0 13	0 37	0 43	0 23
T 26	18 45	22 29	0 6	22 31	0 10	3 26	0 28	21 56	0 18	17 10	1 7	21 3	0 13	0 37	0 43	0 23
F 27	18 30	22 19	0n58	22 28	0 17	2 56	0 23	22 2	0 17	17 12	1 7	21 4	0 13	0 38	0 43	0 22
S 28	18 14	21 9	1 59	22 23	0 25	2 26	0 18	22 7	0 17	17 13	1 7	21 5	0 13	0 39	0 43	0 22
S 29	17 58	19 5	2 54	22 18	0 32	1 55	0 12	22 12	0 16	17 15	1 7	21 6	0 13	0 40	0 43	0 21
M 30	17 42	16 12	3 42	22 11	0 39	1 25	0 7	22 17	0 15	17 17	1 7	21 6	0 13	0 41	0 43	0 20
T 31	17s26	12s39	4n20	22s 4	0s46	0s55	0s 1	22s22	0n15	17s18	1n 7	21n 7	0s13	0n42	0s43	0s20

Julian Day Number = 2700640.5, Delta T = 25m54s

Ecliptic obliquity = 23°21'00, Nutation = 0°00'17

Ayanamsha: Fagan/Bradley = 34°16'52, Lahiri = 33°23'51

## ASTRODIENST EPHEMERIS for the year 2682

FEBRUARY 2682

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 45 29	11°55'44	25°44' 4	25°32' 2	28°48' 48	16°36' 36	22°51' 51	23°19' 19	3°29' 29	1°53' 53	8°58' 58	14°21' 21	12°58' 58	26°20' 20	6°15' 15	W 1
T 2	8 49 26	12°56'46	7°47' 7	26°31' 31	29°51' 51	17°16' 16	22°58' 58	23°14' 14	3°31' 31	1°55' 55	8°57' 57	14°27' 27	12°54' 54	26°27' 27	6°11' 11	T 2
F 3	8 53 22	13°57'48	19°17' 17	28°1' 1	0°53' 53	17°55' 55	23°4' 4	23°10' 10	3°34' 34	1°57' 57	8°55' 55	13°58' 58	12°51' 51	26°33' 33	6°7' 7	F 3
S 4	8 57 19	14°58'50	1°36' 36	29°32' 32	1°56' 56	18°34' 34	23°10' 10	23°5' 5	3°36' 36	1°58' 58	8°54' 54	13°48' 48	12°48' 48	26°40' 40	6°3' 3	S 4
S 5	9 1 16	15°59'50	14°6' 6	1°38' 38	2°58' 58	19°13' 13	23°16' 16	23°1' 1	3°39' 39	2°0' 0	8°53' 53	13°41' 41	12°45' 45	26°47' 47	5°59' 59	S 5
M 6	9 5 12	17°0'49	26°50' 50	2°35' 35	3°59' 59	19°53' 53	23°22' 22	22°57' 57	3°41' 41	2°2' 2	8°51' 51	13°36' 36	12°42' 42	26°53' 53	5°55' 55	M 6
T 7	9 9 9	18°1'47	9°49' 49	4°7' 7	5°0' 0	20°32' 32	23°27' 27	22°52' 52	3°44' 44	2°4' 4	8°50' 50	13°34' 34	12°38' 38	27°0' 0	5°51' 51	T 7
W 8	9 13 5	19°2'44	23°9' 9	5°40' 40	6°1' 1	21°11' 11	23°33' 33	22°48' 48	3°47' 47	2°5' 5	8°49' 49	13°34' 34	12°35' 35	27°7' 7	5°46' 46	W 8
T 9	9 17 2	20°3'40	6°11' 11	7°14' 14	7°1' 1	21°50' 50	23°38' 38	22°44' 44	3°49' 49	2°7' 7	8°47' 47	13°34' 34	12°32' 32	27°13' 13	5°42' 42	T 9
F 10	9 20 58	21°4'35	20°57' 57	8°48' 48	8°1' 1	22°30' 30	23°43' 43	22°40' 40	3°52' 52	2°9' 9	8°46' 46	13°34' 34	12°29' 29	27°20' 20	5°38' 38	F 10
S 11	9 24 55	22°5'29	5°26' 26	10°23' 23	9°0' 0	23°9' 9	23°48' 48	22°36' 36	3°55' 55	2°11' 11	8°45' 45	13°33' 33	12°26' 26	27°27' 27	5°33' 33	S 11
S 12	9 28 51	23°6'21	20°18' 18	11°59' 59	9°59' 59	23°48' 48	23°53' 53	22°32' 32	3°57' 57	2°13' 13	8°43' 43	13°28' 28	12°23' 23	27°33' 33	5°29' 29	S 12
M13	9 32 48	24°7'12	5°24' 24	13°36' 36	10°57' 57	24°27' 27	23°58' 58	22°28' 28	4°0' 0	2°14' 14	8°42' 42	13°21' 21	12°19' 19	27°40' 40	5°25' 25	M13
T 14	9 36 45	25°8'02	20°36' 36	15°13' 13	11°55' 55	25°6' 6	24°3' 3	22°25' 25	4°3' 3	2°16' 16	8°41' 41	13°12' 12	12°16' 16	27°47' 47	5°20' 20	T 14
W15	9 40 41	26°8'51	5°14' 14	16°51' 51	12°52' 52	25°46' 46	24°7' 7	22°21' 21	4°6' 6	2°18' 18	8°40' 40	13°1' 1	12°13' 13	27°53' 53	5°16' 16	W15
T 16	9 44 38	27°9'39	20°37' 37	18°29' 29	13°48' 48	26°25' 25	24°11' 11	22°17' 17	4°9' 9	2°20' 20	8°38' 38	12°50' 50	12°10' 10	28°0' 0	5°11' 11	T 16
F 17	9 48 34	28°10'26	5°12' 12	20°9' 9	14°44' 44	27°4' 4	24°15' 15	22°14' 14	4°12' 12	2°22' 22	8°37' 37	12°39' 39	12°7' 7	28°7' 7	5°7' 7	F 17
S 18	9 52 31	29°11'11	19°8' 8	21°49' 49	15°40' 40	27°44' 44	24°19' 19	22°10' 10	4°15' 15	2°24' 24	8°36' 36	12°32' 32	12°4' 4	28°13' 13	5°2' 2	S 18
S 19	9 56 27	0°11'56	2°13' 13	23°30' 30	16°35' 35	28°23' 23	24°23' 23	22°7' 7	4°18' 18	2°26' 26	8°35' 35	12°26' 26	12°0' 0	28°20' 20	4°58' 58	S 19
M20	10 0 24	1°12'40	15°40' 40	25°12' 12	17°29' 29	29°2' 2	24°26' 26	22°4' 4	4°21' 21	2°28' 28	8°33' 33	12°23' 23	11°57' 57	28°27' 27	4°53' 53	M20
T 21	10 4 20	2°13'23	28°17' 17	26°54' 54	18°22' 22	29°41' 41	24°30' 30	22°0' 0	4°24' 24	2°30' 30	8°32' 32	12°23' 23	11°54' 54	28°34' 34	4°48' 48	T 21
W22	10 8 17	3°14'05	10°14' 14	28°38' 38	19°15' 15	0°21' 21	24°33' 33	21°57' 57	4°27' 27	2°32' 32	8°31' 31	12°23' 23	11°51' 51	28°40' 40	4°44' 44	W22
T 23	10 12 14	4°14'46	22°35' 35	0°22' 22	20°7' 7	1°0' 0	24°36' 36	21°54' 54	4°30' 30	2°34' 34	8°30' 30	12°22' 22	11°48' 48	28°47' 47	4°39' 39	T 23
F 24	10 16 10	5°15'26	4°28' 28	2°7' 7	20°59' 59	1°39' 39	24°39' 39	21°51' 51	4°33' 33	2°36' 36	8°29' 29	12°21' 21	11°44' 44	28°54' 54	4°35' 35	F 24
S 25	10 20 7	6°16'05	16°15' 15	3°53' 53	21°49' 49	2°18' 18	24°41' 41	21°49' 49	4°36' 36	2°38' 38	8°28' 28	12°16' 16	11°41' 41	29°0' 0	4°30' 30	S 25
S 26	10 24 3	7°16'43	28°3' 3	5°39' 39	22°39' 39	2°58' 58	24°44' 44	21°46' 46	4°39' 39	2°40' 40	8°26' 26	12°9' 9	11°38' 38	29°7' 7	4°25' 25	S 26
M27	10 28 0	8°17'19	9°55' 55	7°27' 27	23°28' 28	3°37' 37	24°46' 46	21°43' 43	4°42' 42	2°43' 43	8°25' 25	11°59' 59	11°35' 35	29°14' 14	4°21' 21	M27
T 28	10 31 56	9°17'54	21°52' 52	9°15' 15	24°16' 16	4°28' 28	24°48' 48	21°41' 41	4°45' 45	2°45' 45	8°24' 24	11°47' 47	11°32' 32	29°20' 20	4°16' 16	T 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
W 1	17s 9	8s36 4n47	21s55 0s53	0s25 0n 4	22s27 0n14	17s20 1n 8	21n 8 0s13	0n43 0s43	0s19 1s10	20n49 2n59	22s26 22s16	17s20 3n15	6s23 6s23			
T 2	16 52 4 11	5 2 21 44	0 59 0n 6	0 10 22 31	0 13 17 21	1 8 21 9	0 13 0 44	0 43 0 18	1 10 20 50	2 59 22 25	22 16 17 18	3 16 6 23				
F 3	16 35 0n25	5 3 21 33	1 5 0 36	0 16 22 36	0 13 17 23	1 8 21 10	0 12 0 45	0 43 0 18	1 10 20 50	2 59 22 23	22 15 17 16	3 17 6 23				
S 4	16 17 5 4	4 50 21 20	1 11 1 6	0 22 22 40	0 12 17 24	1 8 21 11	0 12 0 46	0 43 0 17	1 10 20 51	2 59 22 22	22 15 17 14	3 19 6 23				
S 5	15 59 9 35	4 23 21 6	1 17 1 36	0 28 22 44	0 11 17 25	1 8 21 12	0 12 0 47	0 43 0 16	1 10 20 51	2 59 22 21	22 14 17 12	3 20 6 23				
M 6	15 41 13 45	3 42 20 51	1 22 2 6	0 34 22 48	0 10 17 27	1 8 21 13	0 12 0 48	0 43 0 16	1 10 20 51	2 59 22 21	22 14 17 10	3 22 6 23				
T 7	15 22 17 23	2 50 20 34	1 27 2 36	0 41 22 51	0 10 17 28	1 8 21 13	0 12 0 49	0 43 0 15	1 10 20 52	2 59 22 21	22 14 17 9	3 23 6 23				
W 8	15 3 20 13	1 47 20 16	1 32 3 6	0 47 22 55	0 9 17 29	1 9 21 14	0 12 0 50	0 43 0 14	1 10 20 52	2 59 22 21	22 13 17 7	3 24 6 23				
T 9	14 44 21 58	0 36 19 57	1 37 3 36	0 53 22 58	0 8 17 30	1 9 21 15	0 12 0 51	0 43 0 13	1 10 20 53	2 59 22 21	22 13 17 5	3 26 6 24				
F 10	14 25 22 23	0s39 19 37	1 41 4 5	1 0 23 1	0 7 17 31	1 9 21 16	0 12 0 52	0 43 0 13	1 10 20 53	2 59 22 21	22 12 17 3	3 27 6 24				
S 11	14 6 21 21	1 53 19 15	1 45 4 35	1 7 23 4	0 7 17 32	1 9 21 16	0 11 0 54	0 43 0 12	1 9 20 53	2 59 22 20	22 12 17 1	3 29 6 24				
S 12	13 46 18 49	3 2 18 53	1 49 5 4	1 14 23 7	0 6 17 33	1 9 21 17	0 11 0 55	0 43 0 11	1 9 20 54	2 59 22 20	22 12 16 59	3 31 6 24				
M13	13 26 14 59	3 59 18 28	1 52 5 33	1 20 23 9	0 5 17 34	1 9 21 18	0 11 0 56	0 43 0 10	1 9 20 54	2 59 22 19	22 11 16 57	3 32 6 24				
T 14	13 6 10 9	4 39 18 3	1 55 6 2	1 27 23 11	0 4 17 35	1 10 21 19	0 11 0 57	0 43 0 10	1 9 20 55	2 59 22 18	22 11 16 55	3 34 6 24				
W15	12 45 4 44	4 59 17 36	1 58 6 31	1 35 23 14	0 3 17 36	1 10 21 19	0 11 0 58	0 43 0 9	1 9 20 55	3 0 22 16	22 10 16 54	3 35 6 24				
T 16	12 25 0s53	4 59 17 8	2 0 6 59	1 42 23 15	0 3 17 37	1 10 21 20	0 11 0 59	0 43 0 8	1 9 20 55	3 0 22 15	22 10 16 52	3 37 6 24				
F 17	12 4 6 18	4 39 16 39	2 2 7 28	1 49 23 17	0 2 17 38	1 10 21 21	0 11 1 0	0 43 0 7	1 9 20 56	3 0 22 14	22 10 16 50	3 39 6 23				
S 18	11 43 11 12	4 3 16 8	2 4 7 56	1 56 23 19	0 1 17 39	1 10 21 21	0 11 1 2	0 43 0 7	1 9 20 56	3 0 22 13	22 9 16 48	3 40 6 23				
S 19	11 22 15 23	3 14 15 36	2 5 8 24	2 4 23 20	0 0 17 39	1 10 21 22	0 11 1 3	0 43 0 6	1 9 20 56	3 0 22 12	22 9 16 46	3 42 6 23				
M20	11 0 18 39	2 17 15 3	2 6 8 52	2 11 23 21	0s 1 17 40	1 11 21 23	0 10 1 4	0 43 0 5	1 9 20 57	3 0 22 12	22 8 16 44	3 44 6 23				
T 21	10 39 20 54	1 14 14 29	2 7 9 19	2 19 23 23	0 2 17 41	1 11 21 23	0 10 1 5	0 43 0 4	1 9 20 57	3 0 22 12	22 8 16 42	3 46 6 23				
W22	10 17 22 6	0 10 13 53	2 7 9 46	2 27 23 23	0 2 17 41	1 11 21 24	0 10 1 6	0 43 0 3	1 9 20 57	3 0 22 12	22 7 16 40	3 47 6 23				
T 23	9 55 22 15	0n54 13 16	2 6 10 13	2 35 23 24	0 3 17 42	1 11 21 25	0 10 1 8	0 43 0 3	1 9 20 58	3 0 22 12	22 7 16 38	3 49 6 23				
F 24	9 33 21 22	1 54 12 38	2 6 10 40	2 42 23 25	0 4 17 42	1 11 21 25	0 10 1 9	0 43 0 2	1 9 20 58	3 0 22 11	22 7 16 36	3 51 6 23				
S 25	9 11 19 34	2 49 11 59	2 4 11 6	2 50 23 25	0 5 17 43	1 11 21 26	0 10 1 10	0 43 0 1	1 9 20 59	3 0 22 11	22 6 16 34	3 53 6 22				
S 26	8 48 16 56	3 36 11 18	2 3 11 32	2 58 23 25	0 6 17 43	1 12 21 26	0 10 1 11	0 43 0 0	1 9 20 59	3 0 22 10	22 6 16 32	3 55 6 22				
M27	8 26 13 36	4 15 10 36	2 0 11 58	3 6 23 25	0 7 17 44	1 12 21 27	0 10 1 13	0 43 0n 1	1 9 20 59	3 0 22 9	22 5 16 31	3 56 6 22				
T 28	8s 3 9s43	4n42 9s53	1s58 12n23	3n15 23s25	0s 8 17s44	1n12 21n27	0s 9 1n14	0s43 0n 2	1s 9 21n 0	3n 0 22s 7	22s 5 16s29	3n58 6s22				

Julian Day Number = 2700671.5, Delta T = 25m54s

## ASTRODIENST EPHEMERIS for the year 2682

MARCH 2682

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	10 35 53	10°18'28"	3°58'	11°5'	25°3'	4°56'	24°50'	21°R38	4°48'	2°47'	8°R23	11°R33	11°29'	29°27'	4°R12	W 1
T 2	10 39 49	11°19'00"	16°12'	12°55'	25°50'	5°35'	24°52'	21°36'	4°52'	2°49'	8°22'	11°18'	11°25'	29°34'	4°7'	T 2
F 3	10 43 46	12°19'30"	28°36'	14°45'	26°35'	6°14'	24°53'	21°34'	4°55'	2°51'	8°21'	11°4'	11°22'	29°40'	4°2'	F 3
S 4	10 47 43	13°19'59"	11°10'	16°37'	27°19'	6°53'	24°54'	21°32'	4°58'	2°53'	8°20'	10°52'	11°19'	29°47'	3°58'	S 4
S 5	10 51 39	14°20'27"	23°54'	18°29'	28°2'	7°33'	24°56'	21°30'	5°1'	2°55'	8°19'	10°42'	11°16'	29°54'	3°53'	S 5
M 6	10 55 36	15°20'52"	6°50'	20°22'	28°45'	8°12'	24°57'	21°28'	5°5'	2°58'	8°18'	10°36'	11°13'	0°0'	3°49'	M 6
T 7	10 59 32	16°21'16"	19°57'	22°15'	29°26'	8°51'	24°57'	21°26'	5°8'	3°0'	8°17'	10°32'	11°10'	0°7'	3°44'	T 7
W 8	11 3 29	17°21'38"	3°11'	24°8'	0°8'	9°30'	24°58'	21°24'	5°11'	3°2'	8°16'	10°31'	11°6'	0°14'	3°40'	W 8
T 9	11 7 25	18°21'58"	16°57'	26°2'	0°44'	10°9'	24°58'	21°22'	5°15'	3°4'	8°15'	10°31'	11°3'	0°21'	3°36'	T 9
F 10	11 11 22	19°22'16"	0°52'	27°56'	1°21'	10°49'	24°58'	21°21'	5°18'	3°6'	8°14'	10°31'	11°0'	0°27'	3°31'	F 10
S 11	11 15 18	20°22'32"	15°5'	29°49'	1°57'	11°28'	24°R58	21°20'	5°21'	3°9'	8°13'	10°29'	10°57'	0°34'	3°27'	S 11
S 12	11 19 15	21°22'46"	29°35'	1°43'	2°32'	12°7'	24°58'	21°18'	5°25'	3°11'	8°12'	10°25'	10°54'	0°41'	3°23'	S 12
M13	11 23 12	22°22'58"	14°18'	3°35'	3°5'	12°46'	24°58'	21°17'	5°28'	3°13'	8°11'	10°18'	10°50'	0°47'	3°18'	M13
T 14	11 27 8	23°23'08"	29°8'	5°26'	3°37'	13°25'	24°57'	21°16'	5°31'	3°15'	8°10'	10°8'	10°47'	0°54'	3°14'	T 14
W15	11 31 5	24°23'16"	13°57'	7°16'	4°7'	14°5'	24°57'	21°15'	5°35'	3°18'	8°9'	9°57'	10°44'	1°1'	3°10'	W15
T 16	11 35 1	25°23'22"	28°37'	9°4'	4°35'	14°44'	24°56'	21°14'	5°38'	3°20'	8°8'	9°46'	10°41'	1°7'	3°6'	T 16
F 17	11 38 58	26°23'27"	12°59'	10°50'	5°2'	15°23'	24°55'	21°14'	5°41'	3°22'	8°7'	9°35'	10°38'	1°14'	3°2'	F 17
S 18	11 42 54	27°23'29"	26°58'	12°34'	5°27'	16°2'	24°53'	21°13'	5°45'	3°24'	8°7'	9°27'	10°35'	1°21'	2°58'	S 18
S 19	11 46 51	28°23'31"	10°31'	14°14'	5°51'	16°41'	24°52'	21°12'	5°48'	3°27'	8°6'	9°21'	10°31'	1°27'	2°54'	S 19
M20	11 50 47	29°23'30"	23°37'	15°50'	6°12'	17°20'	24°50'	21°12'	5°52'	3°29'	8°5'	9°18'	10°28'	1°34'	2°50'	M20
T 21	11 54 44	0°23'28"	6°18'	17°22'	6°32'	18°0'	24°48'	21°12'	5°55'	3°31'	8°4'	9°D17	10°25'	1°41'	2°46'	T 21
W22	11 58 40	1°23'24"	18°39'	18°49'	6°49'	18°39'	24°46'	21°12'	5°58'	3°34'	8°4'	9°17'	10°22'	1°47'	2°43'	W22
T 23	12 2 37	2°23'19"	0°34'	20°11'	7°5'	19°18'	24°44'	21°D12	6°2'	3°36'	8°3'	9°R17	10°19'	1°54'	2°39'	T 23
F 24	12 6 34	3°23'12"	12°39'	21°27'	7°18'	19°57'	24°42'	21°12'	6°5'	3°38'	8°2'	9°17'	10°15'	2°1'	2°35'	F 24
S 25	12 10 30	4°23'04"	24°29'	22°37'	7°30'	20°36'	24°39'	21°12'	6°9'	3°40'	8°2'	9°14'	10°12'	2°8'	2°32'	S 25
S 26	12 14 27	5°22'53"	6°19'	23°40'	7°39'	21°15'	24°36'	21°12'	6°12'	3°43'	8°1'	9°10'	10°9'	2°14'	2°28'	S 26
M27	12 18 23	6°22'41"	18°13'	24°36'	7°46'	21°54'	24°33'	21°12'	6°16'	3°45'	8°0'	9°3'	10°6'	2°21'	2°25'	M27
T 28	12 22 20	7°22'28"	0°16'	25°24'	7°50'	22°33'	24°30'	21°13'	6°19'	3°47'	8°0'	8°54'	10°3'	2°28'	2°21'	T 28
W29	12 26 16	8°22'12"	12°29'	26°5'	7°R52	23°12'	24°27'	21°14'	6°22'	3°49'	7°59'	8°43'	10°0'	2°34'	2°18'	W29
T 30	12 30 13	9°21'55"	24°55'	26°38'	7°52'	23°51'	24°24'	21°14'	6°26'	3°52'	7°59'	8°31'	9°56'	2°41'	2°15'	T 30
F 31	12 34 9	10°21'35"	7°34'	27°2'	7°49'	24°30'	24°M20	21°15'	6°29'	3°54'	7°58'	8°20'	9°53'	2°48'	2°12'	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	7s41	5s24	4n57	9s 9	1s55	12n48	3n23	23s24	0s 9	17s44	1n12	21n28	0s 9	1n15	0s43	0n 2
T 2	7 18	0 50	4 58	8 24	1 51	13 13	3 31	23 24	0 10	17 45	1 12	21 28	0 9	1 16	0 43	0 3
F 3	6 55	3n49	4 46	7 37	1 47	13 37	3 39	23 23	0 11	17 45	1 12	21 29	0 9	1 18	0 42	0 4
S 4	6 32	8 23	4 19	6 50	1 42	14 1	3 48	23 22	0 12	17 45	1 13	21 29	0 9	1 19	0 42	0 5
S 5	6 8	12 39	3 40	6 1	1 36	14 25	3 56	23 21	0 12	17 45	1 13	21 30	0 9	1 20	0 42	0 6
M 6	5 45	16 23	2 48	5 11	1 30	14 48	4 5	23 19	0 13	17 45	1 13	21 30	0 9	1 22	0 42	0 7
T 7	5 22	19 22	1 46	4 21	1 24	15 10	4 13	23 18	0 14	17 45	1 13	21 30	0 9	1 23	0 42	0 8
W 8	4 59	21 22	0 38	3 30	1 17	15 32	4 22	23 16	0 15	17 45	1 13	21 31	0 9	1 24	0 42	0 9
T 9	4 35	22 9	0s34	2 38	1 9	15 54	4 30	23 14	0 16	17 45	1 13	21 31	0 8	1 26	0 42	0 9
F 10	4 12	21 35	1 45	1 1	1 16	15 15	4 39	23 12	0 17	17 45	1 14	21 32	0 8	1 27	0 42	0 10
S 11	3 48	19 39	2 52	0 52	0 52	16 36	4 47	23 10	0 18	17 45	1 14	21 32	0 8	1 28	0 42	0 11
S 12	3 24	16 26	3 49	0n 2	0 42	16 56	4 56	23 7	0 19	17 45	1 14	21 32	0 8	1 30	0 42	0 12
M13	3 1	12 9	4 31	0 56	0 32	17 15	5 4	23 5	0 21	17 44	1 14	21 33	0 8	1 31	0 42	0 13
T 14	2 37	7 7	4 56	1 50	0 21	17 34	5 13	23 2	0 22	17 44	1 14	21 33	0 8	1 32	0 42	0 14
W15	2 13	1 40	5 0	2 43	0 10	17 53	5 21	22 59	0 23	17 44	1 14	21 33	0 8	1 34	0 42	0 15
T 16	1 50	3s49	4 45	3 36	0n 2	18 10	5 30	22 56	0 24	17 43	1 15	21 33	0 8	1 35	0 42	0 16
F 17	1 26	8 59	4 12	4 29	0 14	18 27	5 38	22 53	0 25	17 43	1 15	21 34	0 7	1 36	0 42	0 17
S 18	1 2	13 32	3 24	5 21	0 26	18 44	5 46	22 49	0 26	17 42	1 15	21 34	0 7	1 38	0 42	0 17
S 19	0 38	17 14	2 26	6 11	0 39	18 59	5 54	22 46	0 27	17 42	1 15	21 34	0 7	1 39	0 42	0 18
M20	0 14	19 56	1 22	7 0	0 52	19 14	6 3	22 42	0 28	17 41	1 15	21 34	0 7	1 40	0 42	0 19
T 21	0n 9	21 32	0 16	7 48	1 5	19 28	6 11	22 38	0 29	17 41	1 15	21 34	0 7	1 42	0 42	0 20
W22	0 33	22 2	0n50	8 33	1 18	19 42	6 18	22 34	0 30	17 40	1 16	21 34	0 7	1 43	0 42	0 21
T 23	0 57	21 29	1 52	9 16	1 32	19 54	6 26	22 29	0 31	17 39	1 16	21 35	0 7	1 44	0 42	0 22
F 24	1 21	19 58	2 48	9 57	1 45	20 6	6 34	22 25	0 33	17 39	1 16	21 35	0 7	1 46	0 42	0 23
S 25	1 44	17 35	3 36	10 35	1 57	20 16	6 41	22 20	0 34	17 38	1 16	21 35	0 7	1 47	0 42	0 24
S 26	2 8	14 30	4 16	11 10	2 10	20 26	6 48	22 15	0 35	17 37	1 16	21 35	0 6	1 48	0 42	0 25
M27	2 31	10 48	4 44	11 41	2 21	20 35	6 55	22 10	0 36	17 36	1 16	21 35	0 6	1 50	0 42	0 25
T 28	2 55	6 39	5 0	12 9	2 32	20 42	7 1	22 5	0 37	17 35	1 16	21 35	0 6	1 51	0 42	0 26
W29	3 18	2 11	5 3	12 34	2 43	20 49	7 8	22 0	0 39	17 34	1 17	21 35	0 6	1 52	0 42	0 27
T 30	3 42	2n27	4 51	12 54	2 52	20 54	7 14	21 54	0 40	17 34	1 17	21 35	0 6	1 54	0 42	0 28
F 31	4n 5	7n 4	4n26	13n11	3n 0	20n59	7n19	21s49	0s41	17s33	1n17	21n35	0s 6	1n55	0s42	0n29

Julian Day Number = 2700699.5, Delta T = 25m54s

Ecliptic obliquity = 23°21'00", Nutation = 0°00'18"

Ayanamsha: Fagan/Bradley = 34°17'00", Lahiri = 33°24'00"



## ASTRODIENST EPHEMERIS for the year 2682

MAY 2682

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 36 23	10♈54'34	26♈16	16♉27	23°R28	14♊27	21°R18	22♋33	8♌11	5♍0	7♎54	6°R50	8♏15	6♐15	1°D22	M 1
T 2	14 40 19	11°53'12	10♈9	16°54	23♉6	15°5	21♊10	22°38	8°14	5°2	7°55	6°D50	8°12	6°22	1♈22	T 2
W 3	14 44 16	12°51'47	24♈11	17°25	22°47	15°43	21°3	22°42	8°17	5°4	7°55	6♌51	8°8	6°29	1°22	W 3
T 4	14 48 12	13°50'21	8♈20	18°1	22°29	16°21	20°55	22°46	8°20	5°6	7°55	6°52	8°5	6°35	1°23	T 4
F 5	14 52 9	14°48'52	22°33	18°40	22°15	16°59	20°48	22°50	8°22	5°8	7°56	6°54	8°2	6°42	1°23	F 5
S 6	14 56 5	15°47'21	6♈46	19°23	22°2	17°36	20°40	22°55	8°25	5°10	7°56	6°55	7°59	6°49	1°23	S 6
S 7	15 0 2	16°45'48	20°59	20°9	21°52	18°14	20°33	22°59	8°28	5°11	7°56	6°R55	7°56	6°56	1°24	S 7
M 8	15 3 58	17°44'13	5♈7	20°59	21°44	18°52	20°25	23°4	8°31	5°13	7°57	6°54	7°52	7°2	1°25	M 8
T 9	15 7 55	18°42'36	19°11	21°52	21°39	19°29	20°17	23°9	8°34	5°15	7°57	6°52	7°49	7°9	1°25	T 9
W10	15 11 52	19°40'56	3♈6	22°48	21°36	20°7	20°10	23°13	8°37	5°17	7°58	6°50	7°46	7°16	1°26	W10
T 11	15 15 48	20°39'15	16°51	23°48	21°D36	20°44	20°2	23°18	8°39	5°19	7°58	6°48	7°43	7°22	1°27	T 11
F 12	15 19 45	21°37'32	0♈23	24°50	21°38	21°22	19°54	23°23	8°42	5°20	7°59	6°46	7°40	7°29	1°28	F 12
S 13	15 23 41	22°35'47	13°42	25°55	21°42	21°59	19°47	23°28	8°45	5°22	7°59	6°44	7°37	7°36	1°30	S 13
S 14	15 27 38	23°34'00	26°44	27°2	21°48	22°36	19°39	23°33	8°48	5°24	8°0	6°44	7°33	7°42	1°31	S 14
M15	15 31 34	24°32'11	9♈31	28°12	21°57	23°13	19°31	23°38	8°50	5°25	8°1	6°D43	7°30	7°49	1°32	M15
T 16	15 35 31	25°30'21	22°3	29°25	22°8	23°51	19°24	23°44	8°53	5°27	8°1	6°44	7°27	7°56	1°34	T 16
W17	15 39 27	26°28'30	4♈20	0♈40	22°21	24°28	19°16	23°49	8°55	5°29	8°2	6°45	7°24	8°3	1°36	W17
T 18	15 43 24	27°26'36	16°26	1°58	22°36	25°5	19°9	23°54	8°58	5°30	8°3	6°46	7°21	8°9	1°37	T 18
F 19	15 47 21	28°24'42	28°24	3°18	22°53	25°42	19°1	24°0	9°0	5°32	8°3	6°46	7°18	8°16	1°39	F 19
S 20	15 51 17	29°22'46	10♈17	4°40	23°12	26°18	18°54	24°5	9°3	5°33	8°4	6°47	7°14	8°23	1°41	S 20
S 21	15 55 14	0♈20'48	22°9	6°4	23°33	26°55	18°46	24°11	9°5	5°35	8°5	6°48	7°11	8°29	1°43	S 21
M22	15 59 10	1°18'50	4♈6	7°31	23°55	27°32	18°39	24°16	9°8	5°36	8°5	6°R48	7°8	8°36	1°45	M22
T 23	16 3 7	2°16'50	16°12	8°59	24°19	28°8	18°32	24°22	9°10	5°38	8°6	6°47	7°5	8°43	1°48	T 23
W24	16 7 3	3°14'48	28°31	10°30	24°45	28°45	18°24	24°28	9°12	5°39	8°7	6°47	7°2	8°50	1°50	W24
T 25	16 11 0	4°12'45	11♉7	12°3	25°13	29°21	18°17	24°34	9°15	5°40	8°8	6°47	6°58	8°56	1°52	T 25
F 26	16 14 56	5°10'42	24°3	13°39	25°42	29°57	18°10	24°40	9°17	5°42	8°9	6°47	6°55	9°3	1°55	F 26
S 27	16 18 53	6°8'36	7♈21	15°16	26°12	0♈33	18°3	24°46	9°19	5°43	8°10	6°46	6°52	9°10	1°58	S 27
S 28	16 22 50	7°6'30	21°1	16°55	26°44	1°9	17°56	24°52	9°21	5°45	8°11	6°D46	6°49	9°16	2°0	S 28
M29	16 26 46	8°4'22	5♈1	18°37	27°17	1°45	17°49	24°58	9°24	5°46	8°11	6°R46	6°46	9°23	2°3	M29
T 30	16 30 43	9°2'13	19°19	20°21	27°52	2°21	17°43	25°4	9°26	5°47	8°12	6°46	6°43	9°30	2°6	T 30
W31	16 34 39	10♈0'03	3♈49	22♈6	28♉28	2♈57	17♊36	25♋10	9♌28	5♍48	8♎13	6♏46	6♐39	9♑36	2♒9	W31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	15n 3	20n11	0n58	4n44	1s51	13n24	4n39	17s48	1s26	16s45	1n19	21n26	0s3	2n35	0s42	M 1
T 2	15 21	21 35	0s18	4 45	2 1	13 2	4 24	17 39	1 27	16 43	1 19	21 25	0 3	2 36	0 42	T 2
W 3	15 38	21 39	1 34	4 49	2 10	12 42	4 10	17 29	1 29	16 41	1 19	21 24	0 3	2 37	0 42	W 3
T 4	15 56	20 21	2 45	4 54	2 19	12 22	3 56	17 19	1 31	16 39	1 19	21 24	0 2	2 38	0 43	T 4
F 5	16 13	17 46	3 46	5 2	2 26	12 3	3 41	17 9	1 32	16 37	1 19	21 23	0 2	2 39	0 43	F 5
S 6	16 30	14 6	4 33	5 11	2 33	11 45	3 27	17 0	1 34	16 35	1 19	21 22	0 2	2 41	0 43	S 6
S 7	16 47	9 39	5 3	5 23	2 40	11 28	3 13	16 50	1 36	16 33	1 19	21 22	0 2	2 42	0 43	S 7
M 8	17 3	4 42	5 15	5 36	2 45	11 12	2 59	16 40	1 38	16 31	1 19	21 21	0 2	2 43	0 43	M 8
T 9	17 20	0s28	5 8	5 51	2 50	10 57	2 45	16 30	1 39	16 29	1 19	21 20	0 2	2 44	0 43	T 9
W10	17 35	5 33	4 43	6 8	2 54	10 43	2 31	16 19	1 41	16 27	1 19	21 20	0 2	2 45	0 43	W10
T 11	17 51	10 19	4 2	6 27	2 58	10 31	2 17	16 9	1 43	16 25	1 18	21 19	0 2	2 46	0 43	T 11
F 12	18 6	14 30	3 8	6 47	3 0	10 19	2 4	15 59	1 45	16 23	1 18	21 18	0 2	2 47	0 43	F 12
S 13	18 21	17 52	2 4	7 8	3 2	10 9	1 51	15 48	1 46	16 21	1 18	21 18	0 2	2 48	0 43	S 13
S 14	18 36	20 15	0 55	7 31	3 4	9 59	1 39	15 38	1 48	16 19	1 18	21 17	0 1	2 49	0 43	S 14
M15	18 50	21 32	0n15	7 55	3 4	9 51	1 26	15 28	1 50	16 18	1 18	21 16	0 1	2 50	0 43	M15
T 16	19 4	21 43	1 24	8 21	3 5	9 44	1 14	15 17	1 52	16 16	1 18	21 15	0 1	2 51	0 43	T 16
W17	19 18	20 50	2 27	8 47	3 4	9 38	1 2	15 7	1 54	16 14	1 18	21 14	0 1	2 52	0 43	W17
T 18	19 31	18 59	3 23	9 15	3 3	9 33	0 51	14 56	1 56	16 12	1 18	21 14	0 1	2 53	0 43	T 18
F 19	19 44	16 20	4 9	9 43	3 1	9 29	0 39	14 45	1 58	16 10	1 18	21 13	0 1	2 54	0 43	F 19
S 20	19 57	13 2	4 44	10 13	2 59	9 25	0 29	14 35	2 0	16 8	1 18	21 12	0 1	2 55	0 43	S 20
S 21	20 9	9 14	5 7	10 43	2 56	9 23	0 18	14 24	2 2	16 6	1 18	21 11	0 1	2 56	0 43	S 21
M22	20 21	5 3	5 17	11 15	2 53	9 22	0 8	14 13	2 4	16 4	1 17	21 10	0 1	2 57	0 43	M22
T 23	20 32	0 37	5 13	11 47	2 49	9 22	0s 2	14 2	2 5	16 2	1 17	21 9	0 1	2 58	0 43	T 23
W24	20 44	3n55	4 55	12 19	2 44	9 22	0 12	13 52	2 7	16 0	1 17	21 8	0 1	2 59	0 43	W24
T 25	20 54	8 24	4 22	12 52	2 39	9 24	0 21	13 41	2 9	15 59	1 17	21 7	0 0	3 0	0 43	T 25
F 26	21 5	12 38	3 35	13 26	2 33	9 26	0 30	13 30	2 12	15 57	1 17	21 6	0 0	3 0	0 43	F 26
S 27	21 15	16 22	2 36	14 0	2 27	9 29	0 38	13 19	2 14	15 55	1 17	21 5	0 0	3 1	0 43	S 27
S 28	21 25	19 20	1 26	14 35	2 21	9 33	0 47	13 8	2 16	15 53	1 17	21 4	0 0	3 2	0 43	S 28
M29	21 34	21 13	0 10	15 10	2 13	9 37	0 55	12 57	2 18	15 51	1 16	21 3	0 0	3 3	0 43	M29
T 30	21 43	21 46	1s 9	15 45	2 6	9 42	1 3	12 46	2 20	15 50	1 16	21 2	0 0	3 4	0 43	T 30
W31	21n52	20n53	2s24	16n20	1s58	9n48	1s10	12s36	2s22	15s48	1n16	21n 1	0n 0	3n 4	0s43	W31

Julian Day Number = 2700760.5, Delta T = 25m55s

Ecliptic obliquity = 23°20'59, Nutation = 0°00'15

Ayanamsha: Fagan/Bradley = 34°17'08, Lahiri = 33°24'08

# ASTRODIENST EPHEMERIS for the year 2682

JUNE 2682

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 38 36	10 <sup>11</sup> 57'51	18 <sup>25</sup> 25	23 <sup>5</sup> 54	29 <sup>5</sup> 5	3 <sup>32</sup> 32	17 <sup>29</sup> 29	25 <sup>16</sup> 16	9 <sup>30</sup> 30	5 <sup>50</sup> 50	8 <sup>14</sup> 14	6 <sup>46</sup> 46	6 <sup>36</sup> 36	9 <sup>43</sup> 43	2 <sup>13</sup> 13	T 1
F 2	16 42 32	11 <sup>55</sup> 37	3 <sup>1</sup> 1	25 <sup>44</sup> 44	29 <sup>43</sup> 43	4 <sup>7</sup> 7	17 <sup>23</sup> 23	25 <sup>23</sup> 23	9 <sup>32</sup> 32	5 <sup>51</sup> 51	8 <sup>15</sup> 15	6 <sup>45</sup> 45	6 <sup>33</sup> 33	9 <sup>50</sup> 50	2 <sup>16</sup> 16	F 2
S 3	16 46 29	12 <sup>53</sup> 22	17 <sup>32</sup> 32	27 <sup>36</sup> 36	0 <sup>22</sup> 22	4 <sup>43</sup> 43	17 <sup>17</sup> 17	25 <sup>29</sup> 29	9 <sup>34</sup> 34	5 <sup>52</sup> 52	8 <sup>16</sup> 16	6 <sup>45</sup> 45	6 <sup>30</sup> 30	9 <sup>57</sup> 57	2 <sup>19</sup> 19	S 3
S 4	16 50 25	13 <sup>51</sup> 06	1 <sup>54</sup> 54	29 <sup>31</sup> 31	1 <sup>3</sup> 3	5 <sup>18</sup> 18	17 <sup>10</sup> 10	25 <sup>36</sup> 36	9 <sup>36</sup> 36	5 <sup>53</sup> 53	8 <sup>17</sup> 17	6 <sup>44</sup> 44	6 <sup>27</sup> 27	10 <sup>3</sup> 3	2 <sup>23</sup> 23	S 4
M 5	16 54 22	14 <sup>48</sup> 47	16 <sup>2</sup> 2	1 <sup>27</sup> 27	1 <sup>44</sup> 44	5 <sup>53</sup> 53	17 <sup>4</sup> 4	25 <sup>42</sup> 42	9 <sup>38</sup> 38	5 <sup>54</sup> 54	8 <sup>18</sup> 18	6 <sup>44</sup> 44	6 <sup>24</sup> 24	10 <sup>10</sup> 10	2 <sup>26</sup> 26	M 5
T 6	16 58 19	15 <sup>46</sup> 27	29 <sup>56</sup> 56	3 <sup>25</sup> 25	2 <sup>27</sup> 27	6 <sup>28</sup> 28	16 <sup>58</sup> 58	25 <sup>49</sup> 49	9 <sup>39</sup> 39	5 <sup>55</sup> 55	8 <sup>20</sup> 20	6 <sup>45</sup> 45	6 <sup>20</sup> 20	10 <sup>17</sup> 17	2 <sup>30</sup> 30	T 6
W 7	17 2 15	16 <sup>44</sup> 06	13 <sup>34</sup> 34	5 <sup>25</sup> 25	3 <sup>10</sup> 10	7 <sup>2</sup> 2	16 <sup>52</sup> 52	25 <sup>55</sup> 55	9 <sup>41</sup> 41	5 <sup>56</sup> 56	8 <sup>21</sup> 21	6 <sup>45</sup> 45	6 <sup>17</sup> 17	10 <sup>23</sup> 23	2 <sup>33</sup> 33	W 7
T 8	17 6 12	17 <sup>41</sup> 43	26 <sup>57</sup> 57	7 <sup>27</sup> 27	3 <sup>54</sup> 54	7 <sup>37</sup> 37	16 <sup>47</sup> 47	26 <sup>2</sup> 2	9 <sup>43</sup> 43	5 <sup>57</sup> 57	8 <sup>22</sup> 22	6 <sup>46</sup> 46	6 <sup>14</sup> 14	10 <sup>30</sup> 30	2 <sup>37</sup> 37	T 8
F 9	17 10 8	18 <sup>39</sup> 19	10 <sup>5</sup> 5	9 <sup>31</sup> 31	4 <sup>39</sup> 39	8 <sup>11</sup> 11	16 <sup>41</sup> 41	26 <sup>9</sup> 9	9 <sup>45</sup> 45	5 <sup>58</sup> 58	8 <sup>23</sup> 23	6 <sup>47</sup> 47	6 <sup>11</sup> 11	10 <sup>37</sup> 37	2 <sup>41</sup> 41	F 9
S 10	17 14 5	19 <sup>36</sup> 53	22 <sup>59</sup> 59	11 <sup>37</sup> 37	5 <sup>25</sup> 25	8 <sup>45</sup> 45	16 <sup>36</sup> 36	26 <sup>15</sup> 15	9 <sup>46</sup> 46	5 <sup>59</sup> 59	8 <sup>24</sup> 24	6 <sup>48</sup> 48	6 <sup>8</sup> 8	10 <sup>44</sup> 44	2 <sup>45</sup> 45	S 10
S 11	17 18 1	20 <sup>34</sup> 27	5 <sup>41</sup> 41	13 <sup>44</sup> 44	6 <sup>12</sup> 12	9 <sup>20</sup> 20	16 <sup>30</sup> 30	26 <sup>22</sup> 22	9 <sup>48</sup> 48	6 <sup>0</sup> 0	8 <sup>25</sup> 25	6 <sup>48</sup> 48	6 <sup>4</sup> 4	10 <sup>50</sup> 50	2 <sup>49</sup> 49	S 11
M12	17 21 58	21 <sup>31</sup> 59	18 <sup>10</sup> 10	15 <sup>53</sup> 53	7 <sup>0</sup> 0	9 <sup>53</sup> 53	16 <sup>25</sup> 25	26 <sup>29</sup> 29	9 <sup>50</sup> 50	6 <sup>1</sup> 1	8 <sup>26</sup> 26	6 <sup>48</sup> 48	6 <sup>1</sup> 1	10 <sup>57</sup> 57	2 <sup>53</sup> 53	M12
T 13	17 25 55	22 <sup>29</sup> 30	0 <sup>39</sup> 39	18 <sup>2</sup> 2	7 <sup>48</sup> 48	10 <sup>27</sup> 27	16 <sup>20</sup> 20	26 <sup>36</sup> 36	9 <sup>51</sup> 51	6 <sup>2</sup> 2	8 <sup>28</sup> 28	6 <sup>47</sup> 47	5 <sup>58</sup> 58	11 <sup>4</sup> 4	2 <sup>58</sup> 58	T 13
W14	17 29 51	23 <sup>27</sup> 00	12 <sup>38</sup> 38	20 <sup>13</sup> 13	8 <sup>37</sup> 37	11 <sup>1</sup> 1	16 <sup>15</sup> 15	26 <sup>43</sup> 43	9 <sup>53</sup> 53	6 <sup>3</sup> 3	8 <sup>29</sup> 29	6 <sup>45</sup> 45	5 <sup>55</sup> 55	11 <sup>10</sup> 10	3 <sup>2</sup> 2	W14
T 15	17 33 48	24 <sup>24</sup> 29	24 <sup>39</sup> 39	22 <sup>25</sup> 25	9 <sup>27</sup> 27	11 <sup>34</sup> 34	16 <sup>10</sup> 10	26 <sup>50</sup> 50	9 <sup>54</sup> 54	6 <sup>3</sup> 3	8 <sup>30</sup> 30	6 <sup>42</sup> 42	5 <sup>52</sup> 52	11 <sup>17</sup> 17	3 <sup>6</sup> 6	T 15
F 16	17 37 44	25 <sup>21</sup> 58	6 <sup>34</sup> 34	24 <sup>37</sup> 37	10 <sup>18</sup> 18	12 <sup>7</sup> 7	16 <sup>6</sup> 6	26 <sup>57</sup> 57	9 <sup>55</sup> 55	6 <sup>4</sup> 4	8 <sup>31</sup> 31	6 <sup>40</sup> 40	5 <sup>49</sup> 49	11 <sup>24</sup> 24	3 <sup>11</sup> 11	F 16
S 17	17 41 41	26 <sup>19</sup> 25	18 <sup>27</sup> 27	26 <sup>49</sup> 49	11 <sup>9</sup> 9	12 <sup>40</sup> 40	16 <sup>1</sup> 1	27 <sup>4</sup> 4	9 <sup>57</sup> 57	6 <sup>5</sup> 5	8 <sup>33</sup> 33	6 <sup>37</sup> 37	5 <sup>45</sup> 45	11 <sup>31</sup> 31	3 <sup>16</sup> 16	S 17
S 18	17 45 37	27 <sup>16</sup> 52	0 <sup>19</sup> 19	29 <sup>1</sup> 1	12 <sup>0</sup> 0	13 <sup>13</sup> 13	15 <sup>57</sup> 57	27 <sup>11</sup> 11	9 <sup>58</sup> 58	6 <sup>6</sup> 6	8 <sup>34</sup> 34	6 <sup>34</sup> 34	5 <sup>42</sup> 42	11 <sup>37</sup> 37	3 <sup>20</sup> 20	S 18
M19	17 49 34	28 <sup>14</sup> 18	12 <sup>15</sup> 15	12 <sup>53</sup> 53	13 <sup>46</sup> 46	15 <sup>53</sup> 53	27 <sup>18</sup> 18	9 <sup>59</sup> 59	6 <sup>6</sup> 6	8 <sup>35</sup> 35	6 <sup>32</sup> 32	5 <sup>39</sup> 39	11 <sup>44</sup> 44	3 <sup>25</sup> 25	M19	
T 20	17 53 30	29 <sup>11</sup> 44	24 <sup>20</sup> 20	3 <sup>24</sup> 24	13 <sup>46</sup> 46	14 <sup>18</sup> 18	15 <sup>49</sup> 49	27 <sup>25</sup> 25	10 <sup>1</sup> 1	6 <sup>7</sup> 7	8 <sup>37</sup> 37	6 <sup>31</sup> 31	5 <sup>36</sup> 36	11 <sup>51</sup> 51	3 <sup>30</sup> 30	T 20
W21	17 57 27	0 <sup>9</sup> 09	6 <sup>36</sup> 36	5 <sup>35</sup> 35	14 <sup>39</sup> 39	14 <sup>51</sup> 51	15 <sup>45</sup> 45	27 <sup>32</sup> 32	10 <sup>2</sup> 2	6 <sup>7</sup> 7	8 <sup>38</sup> 38	6 <sup>31</sup> 31	5 <sup>33</sup> 33	11 <sup>57</sup> 57	3 <sup>35</sup> 35	W21
T 22	18 1 24	1 <sup>6</sup> 33	19 <sup>10</sup> 10	7 <sup>44</sup> 44	15 <sup>33</sup> 33	15 <sup>23</sup> 23	15 <sup>42</sup> 42	27 <sup>40</sup> 40	10 <sup>3</sup> 3	6 <sup>8</sup> 8	8 <sup>39</sup> 39	6 <sup>32</sup> 32	5 <sup>30</sup> 30	12 <sup>4</sup> 4	3 <sup>40</sup> 40	T 22
F 23	18 5 20	2 <sup>3</sup> 57	2 <sup>8</sup> 4	9 <sup>52</sup> 52	16 <sup>28</sup> 28	15 <sup>54</sup> 54	15 <sup>38</sup> 38	27 <sup>47</sup> 47	10 <sup>4</sup> 4	6 <sup>9</sup> 9	8 <sup>41</sup> 41	6 <sup>34</sup> 34	5 <sup>26</sup> 26	12 <sup>11</sup> 11	3 <sup>45</sup> 45	F 23
S 24	18 9 17	3 <sup>1</sup> 20	15 <sup>23</sup> 23	11 <sup>58</sup> 58	17 <sup>23</sup> 23	16 <sup>26</sup> 26	15 <sup>35</sup> 35	27 <sup>54</sup> 54	10 <sup>5</sup> 5	6 <sup>9</sup> 9	8 <sup>42</sup> 42	6 <sup>35</sup> 35	5 <sup>23</sup> 23	12 <sup>18</sup> 18	3 <sup>50</sup> 50	S 24
S 25	18 13 13	3 <sup>58</sup> 44	29 <sup>7</sup> 7	14 <sup>3</sup> 3	18 <sup>19</sup> 19	16 <sup>57</sup> 57	15 <sup>32</sup> 32	28 <sup>1</sup> 1	10 <sup>6</sup> 6	6 <sup>10</sup> 10	8 <sup>43</sup> 43	6 <sup>36</sup> 36	5 <sup>20</sup> 20	12 <sup>24</sup> 24	3 <sup>55</sup> 55	S 25
M26	18 17 10	4 <sup>56</sup> 06	13 <sup>18</sup> 18	16 <sup>6</sup> 6	19 <sup>15</sup> 15	17 <sup>28</sup> 28	15 <sup>29</sup> 29	28 <sup>9</sup> 9	10 <sup>7</sup> 7	6 <sup>10</sup> 10	8 <sup>45</sup> 45	6 <sup>36</sup> 36	5 <sup>17</sup> 17	12 <sup>31</sup> 31	4 <sup>0</sup> 0	M26
T 27	18 21 6	5 <sup>53</sup> 28	27 <sup>51</sup> 51	18 <sup>7</sup> 7	20 <sup>11</sup> 11	17 <sup>59</sup> 59	15 <sup>26</sup> 26	28 <sup>16</sup> 16	10 <sup>8</sup> 8	6 <sup>10</sup> 10	8 <sup>46</sup> 46	6 <sup>35</sup> 35	5 <sup>14</sup> 14	12 <sup>38</sup> 38	4 <sup>6</sup> 6	T 27
W28	18 25 3	6 <sup>50</sup> 50	12 <sup>41</sup> 41	20 <sup>7</sup> 7	21 <sup>8</sup> 8	18 <sup>29</sup> 29	15 <sup>23</sup> 23	28 <sup>24</sup> 24	10 <sup>9</sup> 9	6 <sup>11</sup> 11	8 <sup>48</sup> 48	6 <sup>32</sup> 32	5 <sup>10</sup> 10	12 <sup>44</sup> 44	4 <sup>11</sup> 11	W28
T 29	18 28 59	7 <sup>48</sup> 11	27 <sup>41</sup> 41	22 <sup>4</sup> 4	22 <sup>6</sup> 6	19 <sup>0</sup> 0	15 <sup>21</sup> 21	28 <sup>31</sup> 31	10 <sup>10</sup> 10	6 <sup>11</sup> 11	8 <sup>49</sup> 49	6 <sup>29</sup> 29	5 <sup>7</sup> 7	12 <sup>51</sup> 51	4 <sup>17</sup> 17	T 29
F 30	18 32 56	8 <sup>45</sup> 31	12 <sup>42</sup> 42	23 <sup>58</sup> 58	23 <sup>8</sup> 3	19 <sup>30</sup> 30	15 <sup>18</sup> 18	28 <sup>39</sup> 39	10 <sup>10</sup> 10	6 <sup>11</sup> 11	8 <sup>51</sup> 51	6 <sup>24</sup> 24	5 <sup>4</sup> 4	12 <sup>58</sup> 58	4 <sup>22</sup> 22	F 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	22n 0	18n36	3s31	16n55	1s49	9n54	1s17	12s25	2s24	15s46	1n16	21n 0	0n 0	3n 5	0s43	1n13	1s11	21n 2	3n 0	21s21	21s20	13s19	5n37	5s23	21s20	13s19	
F 2	22 8	15 8	4 24	17 29	1 41	10 1	1 24	12 14	2 26	15 45	1 16	20 59	0 0	3 6	0 43	1 13	1 11	21 2	3 0	21 21	21 19	13 17	5 37	5 22	21 21	13 17	
S 3	22 16	10 46	4 59	18 4	1 31	10 9	1 31	12 3	2 28	15 43	1 16	20 58	0 0	3 7	0 43	1 14	1 11	21 1	3 0	21 21	21 19	13 15	5 36	5 21	21 21	13 15	
S 4	22 23	5 50	5 16	18 38	1 22	10 17	1 37	11 52	2 30	15 42	1 15	20 57	0 0	3 7	0 43	1 14	1 11	21 1	3 0	21 21	21 18	13 13	5 36	5 20	21 21	13 13	
M 5	22 29	0 41	5 13	19 12	1 12	10 25	1 43	11 41	2 33	15 40	1 15	20 56	0 1	3 8	0 43	1 15	1 11	21 1	3 0	21 21	21 18	13 11	5 35	5 20	21 21	13 11	
T 6	22 36	4s26	4 51	19 45	1 2	10 34	1 49	11 30	2 35	15 39	1 15	20 55	0 1	3 9	0 43	1 15	1 11	21 1	3 0	21 21	21 17	13 9	5 35	5 19	21 21	13 9	
W 7	22 41	9 14	4 14	20 17	0 52	10 44	1 54	11 19	2 37	15 37	1 15	20 54	0 1	3 10	0 43	1 15	1 11	21 0	3 0	21 21	21 17	13 6	5 34	5 18	21 21	13 6	
T 8	22 47	13 30	3 23	20 48	0 41	10 54	2 0	11 9	2 39	15 36	1 15	20 53	0 1	3 10	0 43	1 16	1 11	21 0	3 0	21 22	21 16	13 4	5 33	5 17	21 22	13 4	
F 9	22 52	17 2	2 23	21 18	0 30	11 4	2 5	10 58	2 41	15 34	1 14	20 51	0 1	3 11	0 43	1 16	1 11	21 0	3 0	21 22	21 16	13 2	5 33	5 17	21 22	13 2	
S 10	22 57	19 40	1 16	21 46	0 20	11 15	2 9	10 47	2 44	15 33	1 14	20 50	0 1	3 11	0 43	1 16	1 11	20 59	3 0	21 22	21 15	13 0	5 32	5 16	21 22	13 0	
S 11	23 1	21 16	0 6	22 13	0 9	11 26	2 14	10 36	2 46	15 32	1 14	20 49	0 1	3 12	0 43	1 17	1 12	20 59	3 0	21 22	21 14	12 58	5 31	5 15	21 22	12 58	
M12	23 5	21 47	1n 2	22 38	0n 2	11 37	2 18	10 26	2 48	15 30	1 14	20 48	0 1	3 13	0 43	1 17	1 12	20 59	3 0	21 22	21 14	12 56	5 30	5 15	21 22	12 56	
T 13	23 8	21 14	2 7	23 1	0 12	11 49	2 22	10 15	2 51	15 29	1 14	20 47	0 1	3 13	0 44	1 17	1 12	20 59	3 0	21 22	21 13	12 54	5 29	5 14	21 22	12 54	
W14	23 11	19 41	3 5	23 22	0 23	12 1	2 26	10 4	2 53	15 28	1 13	20 45	0 1	3 14	0 44	1 18	1 12	20 58	3 0	21 21	21 13	12 51	5 29	5 13	21 21	12 51	
T 15	23 14	17 16	3 54	23 41	0 33	12 13	2 30	9 54	2 55	15 27	1 13	20 44	0 1	3 14	0 44	1 18	1 12	20 58	3 0	21 21	21 12	12 49	5 28	5 13	21 21	12 49	
F 16	23 16	14 9	4 33	23 57	0 43	12 25	2 33	9 43	2 58	15 26	1 13	20 43	0 1	3 15	0 44	1 18	1 12	20 58	3 0	21 20	21 12	12 47	5 27	5 12	21 20	12 47	
S 17	23 18	10 30	4 59	24 11	0 52	12 38	2 36	9 33	3 0	15 25	1 13	20 42	0 2	3 15	0 44	1 18	1 12	20 57	3 0	21 20	21 11	12 45	5 26	5 11	21 20	12 45	
S 18	23 19	6 26	5 13	24 22	1 1	12 51	2 39	9 23	3 2	15 24	1 13	20 40	0 2	3 16	0 44	1 19	1 12	20 57	3 0	21 20	21 11	12 43	5 25	5 11	21 20	12 43	
M19	23 20	2 6	5 13	24 30	1 9	13 4	2 42	9 12	3 5	15 23	1 12	20 39	0 2	3 16	0 44	1 19	1 12	20 57	3 0	21 19	21 10	12 41	5 24	5 10	21 19	12 41	
T 20	23 21	2n21	5 0	24 36	1 17	13 17	2 45	9 2	3 7	15 22	1 12	20 38	0 2	3 17	0 44	1 19	1 12	20 56	3 0	21 19	21 9	12 38	5 22	5 9	21 19	12 38	
W21	23 21	6 47	4 32	24 38	1 25	13 30	2 47	8 52	3 9	15 21	1 12	20 36	0 2	3 17	0 44	1 19	1 12	20 56	3 0	21 19	21 9	12 36	5 21	5 9	21 19	12 36	
T 22	23 21	11 3	3 52	24 38	1 31	13 44	2 50	8 42	3 12	15 20	1 12	20 35	0 2	3 18	0 44	1 19	1 12	20 56	3 0	21 19	21 8	12 34	5 20	5 8	21 19	12 34	
F 23	23 20	14 56	2 58	24 36	1 37	13 57	2 52	8 32	3 14	15 19	1 11	20 34	0 2	3 18	0 44	1 20	1 12	20 55	3 0	21 19	21 8	12 32	5 19	5 7	21 19	12 32	
S 24	23 19	18 12	1 54	24 30	1 42	14 11	2 53	8 22	3 17	15 19	1 11	20 32	0 2	3 18	0 44	1 20	1 12	20 55	3 0	21 20	21 7	12 30	5 18	5 7	21 20	12 30	
S 25	23 17	20 33	0 41	24 23	1 47	14 24	2 55	8 12	3 19	15 18	1 11	20 31	0 2	3 19	0 44	1 20	1 12	20 55	3 0	21 20	21 7	12 28	5 16	5 6	21 20	12 28	
M26	23 15	21 42	0s37	24 12	1 50	14 38	2 57	8 2	3 22	15 17	1 11	20 30	0 2	3 19	0 44	1 20	1 12	20 54	3 0	21 20	21 6	12 26	5 15	5 6	21 20	12 26	
T 27	23 13	21 26	1 54	24 0	1 53	14 52	2 58	7 52	3 24	15 17	1 10	20 28	0 2	3 19	0 44	1 20	1 12	20 54	3 0	21 20	21 6	12 23	5 14	5 5	21 20	12 23	
W28	23 10	19 41	3 5	23 45	1 55	15 5	2 59	7 43	3 27	15 16	1 10	20 27	0 2	3 20	0 44	1 20	1 12	20 53	3 0	21 19	21 5	12 21	5 12	5 4	21 19	12 21	
T 29	23 7	16 34	4 4	23 28	1 57	15 19	3 0	7 33	3 29	15 16	1 10	20 25	0 3	3 20	0 44	1 20	1 12	20 53	3 0	21 19	21 4	12 19	5 11	5 4	21 19	12 19	
F 30	23n 4	12n22	4s46	23n 9	1n57	15n33	3s 1	7s24	3s32	15s15	1n10	20n24	0n 3	3n20	0s44	1n20	1s12	20n53	3n 0	21s18	21s 4	12s17	5n10	5s 4	21s18	12s17	

## ASTRODIENST EPHEMERIS for the year 2682

JULY 2682

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 36 53	9 <sup>h</sup> 42'51	27 <sup>h</sup> 35	25 <sup>h</sup> 51	24 <sup>h</sup> 8 2	19 <sup>h</sup> 59	15 <sup>h</sup> R16	28 <sup>h</sup> 46	10 <sup>h</sup> Y11	6 <sup>h</sup> Y12	8 <sup>h</sup> 52	6 <sup>h</sup> R20	5 <sup>h</sup> 7 1	13 <sup>h</sup> 5 5	4 <sup>h</sup> 28	S 1
S 2	18 40 49	10 <sup>h</sup> 40'09	12 <sup>h</sup> 12	27 <sup>h</sup> 41	25 <sup>h</sup> 0	20 <sup>h</sup> 29	15 <sup>h</sup> M14	28 <sup>h</sup> 54	10 <sup>h</sup> 12	6 <sup>h</sup> 12	8 <sup>h</sup> 54	6 <sup>h</sup> 716	4 <sup>h</sup> 58	13 <sup>h</sup> 11	4 <sup>h</sup> 34	S 2
M 3	18 44 46	11 <sup>h</sup> 37'27	26 <sup>h</sup> 29	29 <sup>h</sup> 29	25 <sup>h</sup> 59	20 <sup>h</sup> 58	15 <sup>h</sup> 13	29 <sup>h</sup> 1	10 <sup>h</sup> 12	6 <sup>h</sup> 12	8 <sup>h</sup> 55	6 <sup>h</sup> 14	4 <sup>h</sup> 55	13 <sup>h</sup> 18	4 <sup>h</sup> 40	M 3
T 4	18 48 42	12 <sup>h</sup> 34'44	10 <sup>h</sup> 23	1 <sup>h</sup> 15	26 <sup>h</sup> 58	21 <sup>h</sup> 26	15 <sup>h</sup> 11	29 <sup>h</sup> 9	10 <sup>h</sup> 13	6 <sup>h</sup> 12	8 <sup>h</sup> 57	6 <sup>h</sup> D13	4 <sup>h</sup> 51	13 <sup>h</sup> 25	4 <sup>h</sup> 45	T 4
W 5	18 52 39	13 <sup>h</sup> 32'01	23 <sup>h</sup> 55	2 <sup>h</sup> 59	27 <sup>h</sup> 58	21 <sup>h</sup> 55	15 <sup>h</sup> 10	29 <sup>h</sup> 16	10 <sup>h</sup> 13	6 <sup>h</sup> 12	8 <sup>h</sup> 58	6 <sup>h</sup> 13	4 <sup>h</sup> 48	13 <sup>h</sup> 31	4 <sup>h</sup> 51	W 5
T 6	18 56 35	14 <sup>h</sup> 29'17	7 <sup>h</sup> 16	4 <sup>h</sup> 40	28 <sup>h</sup> 58	22 <sup>h</sup> 23	15 <sup>h</sup> 8	29 <sup>h</sup> 24	10 <sup>h</sup> 14	6 <sup>h</sup> 13	9 <sup>h</sup> 0	6 <sup>h</sup> 14	4 <sup>h</sup> 45	13 <sup>h</sup> 38	4 <sup>h</sup> 57	T 6
F 7	19 0 32	15 <sup>h</sup> 26'32	19 <sup>h</sup> 59	6 <sup>h</sup> 19	29 <sup>h</sup> 58	22 <sup>h</sup> 51	15 <sup>h</sup> 7	29 <sup>h</sup> 31	10 <sup>h</sup> 14	6 <sup>h</sup> 13	9 <sup>h</sup> 1	6 <sup>h</sup> 16	4 <sup>h</sup> 42	13 <sup>h</sup> 45	5 <sup>h</sup> 3	F 7
S 8	19 4 28	16 <sup>h</sup> 23'47	2 <sup>h</sup> 36	7 <sup>h</sup> 56	0 <sup>h</sup> II58	23 <sup>h</sup> 18	15 <sup>h</sup> 7	29 <sup>h</sup> 39	10 <sup>h</sup> 15	6 <sup>h</sup> 13	9 <sup>h</sup> 3	6 <sup>h</sup> R17	4 <sup>h</sup> 39	13 <sup>h</sup> 52	5 <sup>h</sup> 10	S 8
S 9	19 8 25	17 <sup>h</sup> 21'01	15 <sup>h</sup> 0	9 <sup>h</sup> 30	1 <sup>h</sup> 59	23 <sup>h</sup> 45	15 <sup>h</sup> 6	29 <sup>h</sup> 47	10 <sup>h</sup> 15	6 <sup>h</sup> R13	9 <sup>h</sup> 4	6 <sup>h</sup> 16	4 <sup>h</sup> 36	13 <sup>h</sup> 58	5 <sup>h</sup> 16	S 9
M10	19 12 22	18 <sup>h</sup> 18'15	27 <sup>h</sup> 04	11 <sup>h</sup> 2	3 <sup>h</sup> 1	24 <sup>h</sup> 12	15 <sup>h</sup> 5	29 <sup>h</sup> 54	10 <sup>h</sup> 15	6 <sup>h</sup> 13	9 <sup>h</sup> 6	6 <sup>h</sup> 14	4 <sup>h</sup> 32	14 <sup>h</sup> 5	5 <sup>h</sup> 22	M10
T 11	19 16 18	19 <sup>h</sup> 15'29	9 <sup>h</sup> 20	12 <sup>h</sup> 31	4 <sup>h</sup> 2	24 <sup>h</sup> 39	15 <sup>h</sup> 5	0 <sup>h</sup> Ω 2	10 <sup>h</sup> 15	6 <sup>h</sup> 13	9 <sup>h</sup> 7	6 <sup>h</sup> 10	4 <sup>h</sup> 29	14 <sup>h</sup> 12	5 <sup>h</sup> 28	T 11
W12	19 20 15	20 <sup>h</sup> 12'42	21 <sup>h</sup> 21	13 <sup>h</sup> 58	5 <sup>h</sup> 4	25 <sup>h</sup> 5	15 <sup>h</sup> D 5	0 <sup>h</sup> 10	10 <sup>h</sup> 16	6 <sup>h</sup> 13	9 <sup>h</sup> 9	6 <sup>h</sup> 4	4 <sup>h</sup> 26	14 <sup>h</sup> 18	5 <sup>h</sup> 35	W12
T 13	19 24 11	21 <sup>h</sup> 9'56	3 <sup>h</sup> 37	15 <sup>h</sup> 23	6 <sup>h</sup> 6	25 <sup>h</sup> 30	15 <sup>h</sup> 5	0 <sup>h</sup> 17	10 <sup>h</sup> 16	6 <sup>h</sup> 12	9 <sup>h</sup> 11	5 <sup>h</sup> 57	4 <sup>h</sup> 23	14 <sup>h</sup> 25	5 <sup>h</sup> 41	T 13
F 14	19 28 8	22 <sup>h</sup> 7'09	15 <sup>h</sup> 10	16 <sup>h</sup> 46	7 <sup>h</sup> 8	25 <sup>h</sup> 56	15 <sup>h</sup> 5	0 <sup>h</sup> 25	10 <sup>h</sup> 16	6 <sup>h</sup> 12	9 <sup>h</sup> 12	5 <sup>h</sup> 48	4 <sup>h</sup> 20	14 <sup>h</sup> 32	5 <sup>h</sup> 48	F 14
S 15	19 32 4	23 <sup>h</sup> 4'22	27 <sup>h</sup> 1	18 <sup>h</sup> 5	8 <sup>h</sup> 10	26 <sup>h</sup> 20	15 <sup>h</sup> 6	0 <sup>h</sup> 33	10 <sup>h</sup> R16	6 <sup>h</sup> 12	9 <sup>h</sup> 14	5 <sup>h</sup> 40	4 <sup>h</sup> 16	14 <sup>h</sup> 39	5 <sup>h</sup> 54	S 15
S 16	19 36 1	24 <sup>h</sup> 1'35	8 <sup>h</sup> 55	19 <sup>h</sup> 23	9 <sup>h</sup> 13	26 <sup>h</sup> 45	15 <sup>h</sup> 6	0 <sup>h</sup> 41	10 <sup>h</sup> 16	6 <sup>h</sup> 12	9 <sup>h</sup> 15	5 <sup>h</sup> 32	4 <sup>h</sup> 13	14 <sup>h</sup> 45	6 <sup>h</sup> 1	S 16
M17	19 39 57	24 <sup>h</sup> 58'48	20 <sup>h</sup> 51	20 <sup>h</sup> 38	10 <sup>h</sup> 16	27 <sup>h</sup> 9	15 <sup>h</sup> 7	0 <sup>h</sup> 48	10 <sup>h</sup> 16	6 <sup>h</sup> 12	9 <sup>h</sup> 17	5 <sup>h</sup> 25	4 <sup>h</sup> 10	14 <sup>h</sup> 52	6 <sup>h</sup> 7	M17
T 18	19 43 54	25 <sup>h</sup> 56'02	2 <sup>h</sup> Y56	21 <sup>h</sup> 50	11 <sup>h</sup> 20	27 <sup>h</sup> 33	15 <sup>h</sup> 8	0 <sup>h</sup> 56	10 <sup>h</sup> 16	6 <sup>h</sup> 11	9 <sup>h</sup> 19	5 <sup>h</sup> 20	4 <sup>h</sup> 7	14 <sup>h</sup> 59	6 <sup>h</sup> 14	T 18
W19	19 47 51	26 <sup>h</sup> 53'16	15 <sup>h</sup> 11	22 <sup>h</sup> 59	12 <sup>h</sup> 23	27 <sup>h</sup> 56	15 <sup>h</sup> 9	1 <sup>h</sup> 4	10 <sup>h</sup> 15	6 <sup>h</sup> 11	9 <sup>h</sup> 20	5 <sup>h</sup> 18	4 <sup>h</sup> 4	15 <sup>h</sup> 5	6 <sup>h</sup> 21	W19
T 20	19 51 47	27 <sup>h</sup> 50'30	27 <sup>h</sup> 41	24 <sup>h</sup> 6	13 <sup>h</sup> 27	28 <sup>h</sup> 18	15 <sup>h</sup> 10	1 <sup>h</sup> 12	10 <sup>h</sup> 15	6 <sup>h</sup> 11	9 <sup>h</sup> 22	5 <sup>h</sup> D17	4 <sup>h</sup> 1	15 <sup>h</sup> 12	6 <sup>h</sup> 28	T 20
F 21	19 55 44	28 <sup>h</sup> 47'45	10 <sup>h</sup> 31	25 <sup>h</sup> 10	14 <sup>h</sup> 31	28 <sup>h</sup> 41	15 <sup>h</sup> 12	1 <sup>h</sup> 19	10 <sup>h</sup> 15	6 <sup>h</sup> 10	9 <sup>h</sup> 24	5 <sup>h</sup> 18	3 <sup>h</sup> 57	15 <sup>h</sup> 19	6 <sup>h</sup> 34	F 21
S 22	19 59 40	29 <sup>h</sup> 45'00	23 <sup>h</sup> 44	26 <sup>h</sup> 11	15 <sup>h</sup> 35	29 <sup>h</sup> 2	15 <sup>h</sup> 14	1 <sup>h</sup> 27	10 <sup>h</sup> 15	6 <sup>h</sup> 10	9 <sup>h</sup> 25	5 <sup>h</sup> 18	3 <sup>h</sup> 54	15 <sup>h</sup> 26	6 <sup>h</sup> 41	S 22
S 23	20 3 37	0 <sup>h</sup> 42'15	7 <sup>h</sup> II24	27 <sup>h</sup> 9	16 <sup>h</sup> 39	29 <sup>h</sup> 23	15 <sup>h</sup> 15	1 <sup>h</sup> 35	10 <sup>h</sup> 14	6 <sup>h</sup> 10	9 <sup>h</sup> 27	5 <sup>h</sup> R19	3 <sup>h</sup> 51	15 <sup>h</sup> 32	6 <sup>h</sup> 48	S 23
M24	20 7 33	1 <sup>h</sup> 39'31	21 <sup>h</sup> 33	28 <sup>h</sup> 4	17 <sup>h</sup> 44	29 <sup>h</sup> 44	15 <sup>h</sup> 17	1 <sup>h</sup> 43	10 <sup>h</sup> 14	6 <sup>h</sup> 9	9 <sup>h</sup> 28	5 <sup>h</sup> 18	3 <sup>h</sup> 48	15 <sup>h</sup> 39	6 <sup>h</sup> 55	M24
T 25	20 11 30	2 <sup>h</sup> 36'48	6 <sup>h</sup> 58	28 <sup>h</sup> 55	18 <sup>h</sup> 49	0 <sup>h</sup> Y 4	15 <sup>h</sup> 20	1 <sup>h</sup> 51	10 <sup>h</sup> 14	6 <sup>h</sup> 9	9 <sup>h</sup> 30	5 <sup>h</sup> 15	3 <sup>h</sup> 45	15 <sup>h</sup> 46	7 <sup>h</sup> 2	T 25
W26	20 15 26	3 <sup>h</sup> 34'05	21 <sup>h</sup> 6	29 <sup>h</sup> 43	19 <sup>h</sup> 54	0 <sup>h</sup> 24	15 <sup>h</sup> 22	1 <sup>h</sup> 58	10 <sup>h</sup> 13	6 <sup>h</sup> 8	9 <sup>h</sup> 32	5 <sup>h</sup> 9	3 <sup>h</sup> 42	15 <sup>h</sup> 52	7 <sup>h</sup> 9	W26
T 27	20 19 23	4 <sup>h</sup> 31'22	6 <sup>h</sup> Ω18	0 <sup>h</sup> 28	20 <sup>h</sup> 59	0 <sup>h</sup> 43	15 <sup>h</sup> 25	2 <sup>h</sup> 6	10 <sup>h</sup> 12	6 <sup>h</sup> 8	9 <sup>h</sup> 33	5 <sup>h</sup> 2	3 <sup>h</sup> 38	15 <sup>h</sup> 59	7 <sup>h</sup> 17	T 27
F 28	20 23 20	5 <sup>h</sup> 28'40	21 <sup>h</sup> 35	1 <sup>h</sup> 9	22 <sup>h</sup> 4	1 <sup>h</sup> 1	15 <sup>h</sup> 27	2 <sup>h</sup> 14	10 <sup>h</sup> 12	6 <sup>h</sup> 7	9 <sup>h</sup> 35	4 <sup>h</sup> 53	3 <sup>h</sup> 35	16 <sup>h</sup> 6	7 <sup>h</sup> 24	F 28
S 29	20 27 16	6 <sup>h</sup> 25'57	6 <sup>h</sup> 245	1 <sup>h</sup> 46	23 <sup>h</sup> 10	1 <sup>h</sup> 19	15 <sup>h</sup> 30	2 <sup>h</sup> 22	10 <sup>h</sup> 11	6 <sup>h</sup> 6	9 <sup>h</sup> 37	4 <sup>h</sup> 44	3 <sup>h</sup> 32	16 <sup>h</sup> 13	7 <sup>h</sup> 31	S 29
S 30	20 31 13	7 <sup>h</sup> 23'15	21 <sup>h</sup> 38	2 <sup>h</sup> 20	24 <sup>h</sup> 16	1 <sup>h</sup> 37	15 <sup>h</sup> 33	2 <sup>h</sup> 29	10 <sup>h</sup> 11	6 <sup>h</sup> 6	9 <sup>h</sup> 38	4 <sup>h</sup> 36	3 <sup>h</sup> 29	16 <sup>h</sup> 19	7 <sup>h</sup> 38	S 30
M31	20 35 9	8 <sup>h</sup> 20'33	6 <sup>h</sup> 27	2 <sup>h</sup> 49	25 <sup>h</sup> II21	1 <sup>h</sup> Y53	15 <sup>h</sup> M36	2 <sup>h</sup> Ω37	10 <sup>h</sup> Y10	6 <sup>h</sup> Y 5	9 <sup>h</sup> Ω40	4 <sup>h</sup> 730	3 <sup>h</sup> 726	16 <sup>h</sup> 226	7 <sup>h</sup> 246	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	23n 0	7n26	5s 8	22n49	1n57	15n46	3s 2	7s14	3s35	15s15	1n 9	20n22	0n 3	3n20	0s44	1n20	1s12	20n52	3n 0	21s17	21s 3	12s15	5n 8	5s 2	5s 2	5s 2	5s 2
S 2	22 55	2 11	5 10	22 27	1 56	16 0	3 2	7 5	3 37	15 15	1 9	20 21	0 3	3 21	0 44	1 21	1 13	20 52	3 0	21 16	21 3	12 13	5 7	5 2	5 2	5 2	
M 3	22 51	3s 5	4 53	22 3	1 55	16 13	3 3	6 56	3 40	15 14	1 9	20 20	0 3	3 21	0 44	1 21	1 13	20 52	3 0	21 16	21 2	12 10	5 5	5 5	5 5	5 5	
T 4	22 45	8 3	4 18	21 38	1 52	16 26	3 3	6 47	3 42	15 14	1 9	20 18	0 3	3 21	0 44	1 21	1 13	20 51	3 0	21 16	21 2	12 8	5 3	5 1	5 1	5 1	
W 5	22 40	12 30	3 30	21 12	1 49	16 39	3 3	6 39	3 45	15 14	1 8	20 17	0 3	3 21	0 44	1 21	1 13	20 51	3 0	21 16	21 1	12 6	5 2	5 0	5 0	5 0	
T 6	22 34	16 14	2 32	20 44	1 46	16 52	3 3	6 30	3 48	15 14	1 8	20 15	0 3	3 21	0 44	1 21	1 13	20 51	3	1 21	16 21	0	12 4	5 0	5 0	5 0	
F 7	22 28	19 4	1 28	20 16	1 42	17 5	3 3	6 21	3 50	15 14	1 8	20 14	0 3	3 22	0 44	1 21	1 13	20 50	3	1 21	16 21	0	12 2	4 59	4 59	4 59	
S 8	22 21	20 56	0 20	19 47	1 37	17 18	3 3	6 13	3 53	15 14	1 8	20 12	0 3	3 22	0 44	1 21	1 13	20 50	3	1 21	17 20	59	11 59	4 57	4 58	4 58	
S 9	22 14	21 44	0n47	19 17	1 31	17 30	3 2	6 5	3 56	15 14	1 7	20 11	0 3	3 22	0 44	1 21	1 13	20 49	3	1 21	16 20	59	11 57	4 55	4 58	4 58	
M10	22 6	21 28	1 51	18 46	1 25	17 42	3 2	5 56	3 58	15 14	1 7	20 9	0 4	3 22	0 44	1 20	1 13	20 49	3	1 21	16 20	58	11 55	4 53	4 57	4 57	
T 11	21 58	20 12	2 49	18 15	1 19	17 55	3 1	5 48	4 1	15 14	1 7	20 8	0 4	3 22	0 44	1 20	1 13	20 49	3	1 21	15 20	57	11 53	4 52	4 57	4 57	
W12	21 50	18 3	3 39	17 43	1 12	18 6	3 0	5 41	4 4	15 14	1 7	20 6	0 4	3 22	0 44	1 20	1 13	20 48	3	1 21	14 20	57	11 51	4 50	4 56	4 56	
T 13	21 41	15 9	4 19	17 11	1 4	18 18	2 59	5 33	4 6	15 15	1 6	20 4	0 4	3 22	0 45	1 20	1 13	20 48	3	1 21	13 20	56	11 49	4 48	4 56	4 56	
F 14	21 32	11 38	4 48	16 38	0 56	18 29	2 58	5 25	4 9	15 15	1 6	20 3	0 4	3 22	0 45	1 20	1 13	20 47	3	1 21	12 20	56	11 46	4 46	4 55	4 55	
S 15	21 23	7 42	5 4	16 6	0 47	18 40	2 57	5 18	4 12	15 15	1 6	20 1	0 4	3 22	0 45	1 20	1 13	20 47	3	1 21	10 20	55	11 44	4 44	4 55	4 55	
S 16	21 13	3 27	5 6	15 33	0 38	18 51	2 56	5 11	4 14	15 16	1 6	20 0	0 4	3 22	0 45	1 20	1 13	20 47	3	1 21	9 20	55	11 42	4 42	4 54	4 54	
M17	21 3	0n56	4 56	15 0	0 28	19 2	2 54	5 4	4 17	15 16	1 5	19 58	0 4	3 22	0 45	1 20	1 13	20 46	3	1 21	8 20	54	11 40	4 40	4 54	4 54	
T 18	20 53	5 20	4 33	14 28	0 18	19 12	2 53	4 57	4 20	15 17	1 5	19 57	0 4	3 22	0 45	1 20	1 13	20 46	3	1 21	7 20	53	11 38	4 38	4 53	4 53	
W19	20 42	9 35	3 56	13 55	0 8	19 22	2 51	4 50	4 23	15 17	1 5	19 55	0 4	3 22	0 45	1 19	1 13	20 46	3	1 21	6 20	53	11 35	4 36	4 53	4 53	
T 20	20 31	13 32	3 8	13 23	0s 3	19 31	2 50	4 44	4 25	15 18	1 4	19 53	0 4	3 22	0 45	1 19	1 13	20 45	3	1 21	6 20	52	11 33	4 34	4 52	4 52	
F 21	20 19	16 58	2 9	12 51	0 15	19 40	2 48	4 38	4 28	15 19	1 4	19 52	0 4	3 21	0 45	1 19	1 13	20 45	3	1 21	6 20	52	11 31	4 32	4 52	4 52	
S 22	20 8	19 38	1 2	12 20	0 26	19 49	2 46	4 32	4 31	15 19	1 4	19 50	0 5	3 21	0 45	1 19	1 13	20 44	3	1 21	6 20	51	11 29	4 30	4 51	4 51	
S 23	19 55	21 17	0s11	11 49	0 38	19 58	2 44	4 26	4 34	15 20	1 4	19 48	0 5	3 21	0 45	1 19	1 14	20 44	3	1 21	6 20	50	11 27	4 28	4 51	4 51	
M24	19 43	21 39	1 26	11 19	0 51	20 6	2 42	4 20	4 36	15 21	1 3	19 47	0 5	3 21	0 45	1 18	1 14	20 44	3	1 21	6 20	50	11 24	4 26	4 51	4 51	
T 25	19 30	20 36	2 37	10 49	1 3	20 13	2 40	4 15	4 39	15 22	1 3	19 45	0 5	3 21	0 45	1 18	1 14	20 43	3	1 21	6 20	49	11 22	4 24	4 50	4 50	
W26	19 17	18 5	3 39	10 20	1 16	20 21	2 38	4 9	4 42	15 23	1 3	19 44	0 5	3 21	0 45	1 18	1 14	20 43	3	1 21	5 20	49	11 20	4 22	4 50	4 50	
T 27	19 4	14 19	4 27	9 52	1 29	20 27	2 36	4 4	4 45	15 24	1 3	19 42	0 5	3 20	0 45	1 18	1 14	20 42	3	1 21	3 20	48	11 18	4 20	4 49	4 49	
F 28	18 50	9 35	4 56	9 26	1 42	20 34	2 33	3 59	4 47	15 25	1 2	19 40	0 5	3 20	0 45	1 17	1 14	20 42	3	2 21	2 20	47	11 16	4 17	4 48	4 48	
S 29	18 36	4 18	5 4	9 0	1 56	20 40	2 31	3 55	4 50	15 26	1 2	19 39	0 5	3 20	0 45	1 17	1 14	20 42	3	2 21	0 20	47	11 13	4 15	4 48	4 48	
S 30	18 21	1s 9	4 51	8 35	2 9	20 45	2 28	3 50	4 53	15 27	1 2	19 37	0 5	3 19	0 45	1 17	1 14	20 41	3	2 20	59 20	46	11 11	4 13	4 48	4 48	
M31	18n 7	6s24	4s19	8n12	2s23	20n51	2s26	3s46	4s55	15s28	1n 2	19n35	0n 5	3n19	0s45	1n17	1s14	20n41	3n 2	20s58	20s46	11s 9	4n10	4s48	4s48	4s48	

## ASTRODIENST EPHEMERIS for the year 2682

AUGUST 2682

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 39 6	9♂17°52	20♂9	3♂14	26♂27	2♂9	15♂40	2♂45	10♂R 9	6♂R 4	9♂42	4♂R27	3♂22	16♂33	7♂53	T 1
W 2	20 43 2	10°15'10	3♂44	3°34	27°34	2°25	15°43	2°53	10♂Y 8	6♂Y 4	9°43	4♂25	3°19	16°39	8°0	W 2
T 3	20 46 59	11°12'29	16°52	3°50	28°40	2°40	15°47	3°0	10°7	6°3	9°45	4°D25	3°16	16°46	8°8	T 3
F 4	20 50 55	12°9'48	29°38	4°1	29°46	2°54	15°51	3°8	10°6	6°2	9°47	4°R26	3°13	16°53	8°15	F 4
S 5	20 54 52	13°7'07	12♂6	4°8	0♂53	3°7	15°55	3°16	10°6	6°1	9°48	4°25	3°10	17°0	8°23	S 5
S 6	20 58 49	14°4'27	24°21	4°R 9	2°0	3°20	15°59	3°24	10°5	6°0	9°50	4°24	3°7	17°6	8°30	S 6
M 7	21 2 45	15°1'47	6♂25	4°6	3°7	3°33	16°4	3°31	10°3	5°59	9°52	4°20	3°3	17°13	8°38	M 7
T 8	21 6 42	15°59'08	18°23	3°57	4°14	3°44	16°8	3°39	10°2	5°59	9°53	4°13	3°0	17°20	8°45	T 8
W 9	21 10 38	16°56'29	0♂17	3°43	5°21	3°55	16°13	3°47	10°1	5°58	9°55	4°3	2°57	17°26	8°53	W 9
T 10	21 14 35	17°53'51	12°9	3°24	6°29	4°5	16°18	3°54	10°0	5°57	9°57	3°52	2°54	17°33	9°0	T 10
F 11	21 18 31	18°51'14	24°2	3°1	7°36	4°14	16°23	4°2	9°59	5°56	9°58	3°39	2°51	17°40	9°8	F 11
S 12	21 22 28	19°48'37	5♂56	2°32	8°44	4°23	16°28	4°9	9°58	5°55	10°0	3°25	2°48	17°47	9°16	S 12
S 13	21 26 24	20°46'01	17°52	2°0	9°52	4°31	16°33	4°17	9°56	5°54	10°2	3°13	2°44	17°53	9°24	S 13
M14	21 30 21	21°43'27	29°54	1°23	11°0	4°38	16°38	4°25	9°55	5°53	10°3	3°2	2°41	18°0	9°31	M14
T 15	21 34 18	22°40'53	12♂2	0°43	12°8	4°44	16°44	4°32	9°54	5°52	10°5	2°54	2°38	18°7	9°39	T 15
W16	21 38 14	23°38'20	24°19	29♂59	13°16	4°50	16°50	4°40	9°52	5°50	10°7	2°49	2°35	18°13	9°47	W16
T 17	21 42 11	24°35'49	6♂50	29°14	14°24	4°55	16°56	4°47	9°51	5°49	10°8	2°46	2°32	18°20	9°55	T 17
F 18	21 46 7	25°33'18	19°37	28°28	15°33	4°59	17°2	4°55	9°49	5°48	10°10	2°45	2°28	18°27	10°2	F 18
S 19	21 50 4	26°30'49	2♂46	27°40	16°41	5°2	17°8	5°2	9°48	5°47	10°11	2°45	2°25	18°34	10°10	S 19
S 20	21 54 0	27°28'22	16°19	26°53	17°50	5°4	17°14	5°9	9°46	5°46	10°13	2°45	2°22	18°40	10°18	S 20
M21	21 57 57	28°25'56	0♂18	26°6	18°59	5°6	17°21	5°17	9°45	5°45	10°15	2°43	2°19	18°47	10°26	M21
T 22	22 1 53	29°23'31	14°45	25°22	20°8	5°R 6	17°27	5°24	9°43	5°43	10°16	2°39	2°16	18°54	10°34	T 22
W23	22 5 50	0♂21'07	29°36	24°40	21°17	5°6	17°34	5°31	9°41	5°42	10°18	2°32	2°13	19°1	10°42	W23
T 24	22 9 47	1°18'45	14♂44	24°3	22°26	5°5	17°41	5°39	9°40	5°41	10°19	2°23	2°9	19°7	10°50	T 24
F 25	22 13 43	2°16'24	0♂2	23°29	23°35	5°3	17°48	5°46	9°38	5°39	10°21	2°12	2°6	19°14	10°58	F 25
S 26	22 17 40	3°14'04	15°16	23°1	24°45	5°1	17°55	5°53	9°36	5°38	10°22	2°1	2°3	19°21	11°6	S 26
S 27	22 21 36	4°11'45	0♂16	22°39	25°54	4°57	18°2	6°0	9°34	5°37	10°24	1°51	2°0	19°27	11°14	S 27
M28	22 25 33	5°9'27	14°54	22°23	27°4	4°53	18°10	6°8	9°32	5°35	10°26	1°43	1°57	19°34	11°22	M28
T 29	22 29 29	6°7'11	29°4	22°14	28°14	4°48	18°17	6°15	9°31	5°34	10°27	1°38	1°53	19°41	11°30	T 29
W30	22 33 26	7°4'55	12♂45	22°D13	29°24	4°42	18°25	6°22	9°29	5°33	10°29	1°35	1°50	19°48	11°38	W30
T 31	22 37 22	8♂2'40	25♂57	22♂18	0♂233	4♂Y36	18♂33	6♂29	9♂Y27	5♂Y31	10♂30	1♂34	1♂47	19♂54	11♂46	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	17n52	11s 8	3s33	7n51	2s37	20n55	2s23	3s42	4s58	15s29	1n 1	19n34	0n 5	3n19	0s45	1n16
W 2	17 36	15 9	2 36	7 31	2 50	20 59	2 20	3 39	5 1	15 30	1 1	19 32	0 5	3 18	0 45	1 16
T 3	17 21	18 17	1 32	7 13	3 3	21 3	2 17	3 35	5 3	15 32	1 1	19 30	0 6	3 18	0 45	1 16
F 4	17 5	20 25	0 26	6 56	3 17	21 6	2 15	3 32	5 6	15 33	1 1	19 28	0 6	3 18	0 45	1 15
S 5	16 49	21 29	0n41	6 42	3 29	21 9	2 12	3 29	5 9	15 35	1 0	19 27	0 6	3 17	0 45	1 15
S 6	16 33	21 30	1 44	6 30	3 42	21 11	2 9	3 26	5 11	15 36	1 0	19 25	0 6	3 17	0 45	1 14
M 7	16 16	20 31	2 41	6 20	3 54	21 13	2 6	3 24	5 14	15 37	1 0	19 23	0 6	3 16	0 45	1 14
T 8	15 59	18 37	3 31	6 13	4 5	21 14	2 3	3 22	5 16	15 39	1 0	19 22	0 6	3 16	0 45	1 14
W 9	15 42	15 56	4 11	6 8	4 16	21 15	2 0	3 20	5 19	15 41	0 59	19 20	0 6	3 16	0 45	1 13
T 10	15 25	12 36	4 40	6 5	4 26	21 15	1 56	3 18	5 21	15 42	0 59	19 18	0 6	3 15	0 45	1 13
F 11	15 7	8 48	4 56	6 5	4 34	21 15	1 53	3 16	5 24	15 44	0 59	19 17	0 6	3 15	0 45	1 12
S 12	14 49	4 39	5 0	6 8	4 42	21 14	1 50	3 15	5 26	15 45	0 59	19 15	0 6	3 14	0 45	1 12
S 13	14 31	0 19	4 51	6 14	4 48	21 13	1 47	3 14	5 28	15 47	0 59	19 13	0 6	3 14	0 45	1 12
M14	14 13	4n 4	4 29	6 22	4 53	21 11	1 43	3 14	5 31	15 49	0 58	19 12	0 7	3 13	0 45	1 11
T 15	13 54	8 20	3 54	6 33	4 56	21 8	1 40	3 13	5 33	15 51	0 58	19 10	0 7	3 12	0 46	1 11
W16	13 35	12 19	3 8	6 47	4 58	21 5	1 37	3 13	5 35	15 53	0 58	19 8	0 7	3 12	0 46	1 10
T 17	13 16	15 50	2 12	7 2	4 58	21 2	1 33	3 13	5 37	15 54	0 58	19 6	0 7	3 11	0 46	1 10
F 18	12 57	18 41	1 9	7 20	4 56	20 57	1 30	3 13	5 39	15 56	0 57	19 5	0 7	3 11	0 46	1 9
S 19	12 38	20 38	0s 0	7 40	4 52	20 53	1 27	3 14	5 41	15 58	0 57	19 3	0 7	3 10	0 46	1 9
S 20	12 18	21 28	1 11	8 1	4 46	20 48	1 23	3 15	5 43	16 0	0 57	19 1	0 7	3 9	0 46	1 8
M21	11 58	21 1	2 20	8 24	4 39	20 42	1 20	3 16	5 45	16 2	0 57	19 0	0 7	3 9	0 46	1 8
T 22	11 39	19 11	3 22	8 47	4 30	20 35	1 16	3 17	5 47	16 4	0 56	18 58	0 7	3 8	0 46	1 7
W23	11 18	16 2	4 13	9 11	4 19	20 29	1 13	3 19	5 48	16 7	0 56	18 56	0 7	3 7	0 46	1 7
T 24	10 58	11 47	4 46	9 35	4 6	20 21	1 9	3 21	5 50	16 9	0 56	18 55	0 7	3 7	0 46	1 6
F 25	10 38	6 44	5 0	9 58	3 53	20 13	1 6	3 23	5 51	16 11	0 56	18 53	0 8	3 6	0 46	1 6
S 26	10 17	1 17	4 52	10 22	3 38	20 5	1 2	3 25	5 53	16 13	0 56	18 51	0 8	3 5	0 46	1 5
S 27	9 56	4s 9	4 25	10 44	3 22	19 56	0 59	3 27	5 54	16 15	0 55	18 49	0 8	3 5	0 46	1 4
M28	9 35	9 14	3 40	11 5	3 5	19 46	0 55	3 30	5 55	16 17	0 55	18 48	0 8	3 4	0 46	1 4
T 29	9 14	13 38	2 43	11 24	2 48	19 36	0 51	3 33	5 56	16 20	0 55	18 46	0 8	3 3	0 46	1 3
W30	8 53	17 10	1 38	11 41	2 30	19 25	0 48	3 36	5 57	16 22	0 55	18 44	0 8	3 2	0 46	1 3
T 31	8n31	19s39	0s30	11n56	2s12	19n14	0s44	3s39	5s58	16s24	0n55	18n43	0n 8	3n 2	0s46	1n 2

Julian Day Number = 2700852.5, Delta T = 25m56s

Ecliptic obliquity = 23°20'58, Nutation = 0°00'17

Ayanamsha: Fagan/Bradley = 34°17'21, Lahiri = 33°24'21

# ASTRODIENST EPHEMERIS for the year 2682

SEPTEMBER 2682

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 41 19	9♍ 0'27	8♌44	22♌32	1♌43	4°R28	18♌41	6♌36	9°R25	5°R30	10♌32	1°R34	1♌44	20♌1	11♍54	F 1
S 2	22 45 16	9°58'15	21°11	22°53	2°54	4°V20	18°49	6°43	9°V23	5°V28	10°33	1°V34	1°41	20°8	12°2	S 2
S 3	22 49 12	10°56'03	3♋22	23°21	4°4	4°11	18°57	6°50	9°21	5°27	10°35	1°32	1°38	20°14	12°10	S 3
M 4	22 53 9	11°53'53	15°23	23°58	5°14	4°2	19°5	6°57	9°19	5°25	10°36	1°28	1°34	20°21	12°18	M 4
T 5	22 57 5	12°51'44	27°17	24°41	6°25	3°52	19°13	7°3	9°17	5°24	10°38	1°22	1°31	20°28	12°26	T 5
W 6	23 1 2	13°49'37	9♋9	25°32	7°35	3°41	19°22	7°10	9°15	5°22	10°39	1°12	1°28	20°35	12°34	W 6
T 7	23 4 58	14°47'30	21°1	26°31	8°46	3°29	19°31	7°17	9°13	5°21	10°40	1°1	1°25	20°41	12°42	T 7
F 8	23 8 55	15°45'25	2♋55	27°36	9°56	3°17	19°39	7°24	9°10	5°19	10°42	0°48	1°22	20°48	12°50	F 8
S 9	23 12 51	16°43'21	14°54	28°47	11°7	3°5	19°48	7°30	9°8	5°18	10°43	0°34	1°19	20°55	12°58	S 9
S 10	23 16 48	17°41'19	26°58	0♍5	12°18	2°51	19°57	7°37	9°6	5°16	10°45	0°22	1°15	21°1	13°6	S 10
M11	23 20 44	18°39'19	9°V8	1°28	13°29	2°38	20°6	7°43	9°4	5°15	10°46	0°11	1°12	21°8	13°14	M11
T 12	23 24 41	19°37'20	21°26	2°56	14°40	2°24	20°15	7°50	9°2	5°13	10°47	0°3	1°9	21°15	13°22	T 12
W13	23 28 38	20°35'23	3♋53	4°29	15°51	2°9	20°25	7°56	8°59	5°12	10°49	29♌58	1°6	21°22	13°30	W13
T 14	23 32 34	21°33'28	16°32	6°6	17°3	1°54	20°34	8°3	8°57	5°10	10°50	29°55	1°3	21°28	13°38	T 14
F 15	23 36 31	22°31'34	29°25	7°47	18°14	1°39	20°43	8°9	8°55	5°8	10°51	29°D54	0°59	21°35	13°46	F 15
S 16	23 40 27	23°29'43	12♌34	9°31	19°25	1°23	20°53	8°15	8°53	5°7	10°53	29°54	0°56	21°42	13°54	S 16
S 17	23 44 24	24°27'53	26°4	11°18	20°37	1°7	21°3	8°22	8°50	5°5	10°54	29°R55	0°53	21°49	14°2	S 17
M18	23 48 20	25°26'06	9♋55	13°7	21°48	0°51	21°13	8°28	8°48	5°4	10°55	29°54	0°50	21°55	14°10	M18
T 19	23 52 17	26°24'21	24°8	14°58	23°0	0°35	21°22	8°34	8°46	5°2	10°56	29°51	0°47	22°2	14°18	T 19
W20	23 56 13	27°22'37	8♌44	16°50	24°12	0°19	21°32	8°40	8°43	5°0	10°58	29°46	0°44	22°9	14°26	W20
T 21	0 0 10	28°20'56	23°35	18°43	25°24	0°2	21°42	8°46	8°41	4°59	10°59	29°38	0°40	22°15	14°34	T 21
F 22	0 4 7	29°19'16	8♍37	20°37	26°36	29♋45	21°53	8°52	8°39	4°57	11°0	29°30	0°37	22°22	14°42	F 22
S 23	0 8 3	0♌17'39	23°39	22°31	27°48	29°29	22°3	8°58	8°36	4°55	11°1	29°20	0°34	22°29	14°50	S 23
S 24	0 12 0	1°16'03	8♌32	24°25	29°0	29°13	22°13	9°3	8°34	4°54	11°2	29°12	0°31	22°36	14°58	S 24
M25	0 15 56	2°14'29	23°8	26°19	0♍12	28°56	22°24	9°9	8°32	4°52	11°4	29°5	0°28	22°42	15°6	M25
T 26	0 19 53	3°12'56	7♌19	28°13	1°24	28°40	22°34	9°15	8°29	4°50	11°5	29°1	0°24	22°49	15°14	T 26
W27	0 23 49	4°11'26	21°3	0♌7	2°37	28°24	22°45	9°20	8°27	4°49	11°6	28°59	0°21	22°56	15°22	W27
T 28	0 27 46	5°9'57	4♌19	1°59	3°49	28°8	22°56	9°26	8°24	4°47	11°7	28°D59	0°18	23°2	15°30	T 28
F 29	0 31 42	6°8'29	17°10	3°52	5°1	27°53	23°6	9°31	8°22	4°45	11°8	29°0	0°15	23°9	15°37	F 29
S 30	0 35 39	7♌7'04	29♌40	5♌43	6♍14	27♋38	23♌17	9♌37	8°V20	4°V44	11♌9	29♌1	0♌12	23♌16	15♍45	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8n10	21s 3	0n38	12n 9	1s54	19n 2	0s41	3s43	5s58	16s27	0n54	18n41	0n 8	3n 1	0s46	F 1
S 2	7 48	21 22	1 42	12 19	1 36	18 50	0 37	3 47	5 59	16 29	0 54	18 40	0 8	3 0	0 46	S 2
S 3	7 26	20 39	2 40	12 27	1 18	18 37	0 34	3 50	5 59	16 31	0 54	18 38	0 8	2 59	0 46	S 3
M 4	7 4	19 0	3 30	12 32	1 1	18 24	0 30	3 54	5 59	16 34	0 54	18 36	0 8	2 58	0 46	M 4
T 5	6 42	16 32	4 10	12 33	0 44	18 10	0 27	3 58	5 59	16 36	0 54	18 35	0 9	2 58	0 46	T 5
W 6	6 20	13 25	4 39	12 31	0 28	17 56	0 23	4 2	5 59	16 39	0 53	18 33	0 9	2 57	0 46	W 6
T 7	5 58	9 45	4 56	12 27	0 12	17 41	0 20	4 7	5 59	16 41	0 53	18 31	0 9	2 56	0 46	T 7
F 8	5 36	5 43	5 0	12 18	0n 3	17 26	0 17	4 11	5 59	16 44	0 53	18 30	0 9	2 55	0 46	F 8
S 9	5 13	1 27	4 51	12 7	0 17	17 10	0 13	4 16	5 58	16 46	0 53	18 28	0 9	2 54	0 46	S 9
S 10	4 51	2n55	4 29	11 52	0 30	16 53	0 10	4 20	5 57	16 49	0 53	18 27	0 9	2 53	0 46	S 10
M11	4 28	7 12	3 55	11 34	0 42	16 37	0 6	4 25	5 56	16 52	0 52	18 25	0 9	2 52	0 46	M11
T 12	4 6	11 15	3 9	11 13	0 53	16 19	0 3	4 29	5 55	16 54	0 52	18 23	0 9	2 52	0 46	T 12
W13	3 43	14 52	2 14	10 49	1 3	16 2	0n 0	4 34	5 54	16 57	0 52	18 22	0 9	2 51	0 46	W13
T 14	3 20	17 51	1 10	10 21	1 12	15 43	0 3	4 38	5 53	16 59	0 52	18 20	0 9	2 50	0 46	T 14
F 15	2 57	19 59	0 3	9 51	1 20	15 25	0 7	4 43	5 51	17 2	0 52	18 19	0 10	2 49	0 46	F 15
S 16	2 34	21 7	1s 7	9 19	1 27	15 6	0 10	4 48	5 49	17 5	0 52	18 17	0 10	2 48	0 46	S 16
S 17	2 11	21 3	2 15	8 44	1 33	14 46	0 13	4 52	5 47	17 8	0 51	18 16	0 10	2 47	0 46	S 17
M18	1 48	19 43	3 16	8 7	1 38	14 26	0 16	4 56	5 45	17 10	0 51	18 14	0 10	2 46	0 46	M18
T 19	1 25	17 8	4 7	7 28	1 42	14 6	0 19	5 1	5 43	17 13	0 51	18 13	0 10	2 45	0 46	T 19
W20	1 2	13 26	4 44	6 47	1 45	13 45	0 22	5 5	5 40	17 16	0 51	18 11	0 10	2 44	0 46	W20
T 21	0 39	8 50	5 2	6 5	1 47	13 24	0 25	5 9	5 38	17 19	0 51	18 10	0 10	2 43	0 46	T 21
F 22	0 16	3 40	5 0	5 22	1 48	13 3	0 28	5 13	5 35	17 21	0 50	18 8	0 10	2 43	0 46	F 22
S 23	0s 7	1s44	4 37	4 37	1 48	12 41	0 31	5 17	5 32	17 24	0 50	18 7	0 10	2 42	0 46	S 23
S 24	0 30	6 59	3 56	3 52	1 48	12 19	0 34	5 21	5 29	17 27	0 50	18 6	0 10	2 41	0 46	S 24
M25	0 53	11 44	3 0	3 6	1 47	11 56	0 37	5 24	5 25	17 30	0 50	18 4	0 11	2 40	0 46	M25
T 26	1 16	15 41	1 53	2 19	1 45	11 33	0 39	5 27	5 22	17 32	0 50	18 3	0 11	2 39	0 46	T 26
W27	1 40	18 38	0 42	1 32	1 43	11 10	0 42	5 30	5 18	17 35	0 50	18 1	0 11	2 38	0 46	W27
T 28	2 3	20 27	0n29	0 45	1 40	10 46	0 45	5 33	5 15	17 38	0 50	18 0	0 11	2 37	0 46	T 28
F 29	2 26	21 8	1 36	0s 2	1 37	10 22	0 47	5 36	5 11	17 41	0 49	17 59	0 11	2 36	0 46	F 29
S 30	2s49	20s44	2n37	0s50	1n33	9n58	0n50	5s38	5s 7	17s44	0n49	17n57	0n11	2n35	0s46	S 30

Julian Day Number = 2700883.5, Delta T = 25m57s  
 Ecliptic obliquity = 23°20'58, Nutation = 0°00'16  
 Ayanamsha: Fagan/Bradley = 34°17'25, Lahiri = 33°24'25

## ASTRODIENST EPHEMERIS for the year 2682

OCTOBER 2682

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 39 36	8♌ 5'39	11♌53	7♌33	7♌27	27°R24	23♌28	9♌42	8°R17	4°R42	11♌10	29°R 1	0♌ 9	23♌23	15♌53	S 1
M 2	0 43 32	9° 4'17	23°54	9°23	8°39	27°H10	23°39	9°47	8°Y15	4°Y40	11°11	29°M 0	0° 5	23°29	16° 1	M 2
T 3	0 47 29	10° 2'56	5♌49	11°12	9°52	26°56	23°50	9°52	8°12	4°39	11°12	28°56	0° 2	23°36	16° 8	T 3
W 4	0 51 25	11° 1'37	17°41	13° 0	11° 5	26°43	24° 1	9°57	8°10	4°37	11°13	28°51	29°M59	23°43	16°16	W 4
T 5	0 55 22	12° 0'19	29°34	14°47	12°18	26°30	24°13	10° 2	8° 8	4°35	11°14	28°44	29°56	23°49	16°23	T 5
F 6	0 59 18	12°59'03	11♌32	16°33	13°31	26°18	24°24	10° 7	8° 5	4°34	11°15	28°36	29°53	23°56	16°31	F 6
S 7	1 3 15	13°57'49	23°36	18°18	14°44	26° 7	24°35	10°12	8° 3	4°32	11°16	28°27	29°50	24° 3	16°39	S 7
S 8	1 7 11	14°56'37	5♌50	20° 2	15°57	25°56	24°47	10°17	8° 0	4°31	11°17	28°19	29°46	24°10	16°46	S 8
M 9	1 11 8	15°55'27	18°13	21°45	17°10	25°46	24°58	10°21	7°58	4°29	11°17	28°12	29°43	24°16	16°54	M 9
T 10	1 15 4	16°54'18	0♌46	23°27	18°23	25°37	25°10	10°26	7°56	4°27	11°18	28° 7	29°40	24°23	17° 1	T 10
W 11	1 19 1	17°53'12	13°30	25° 9	19°36	25°28	25°22	10°30	7°53	4°26	11°19	28° 4	29°37	24°30	17° 9	W 11
T 12	1 22 58	18°52'08	26°26	26°49	20°49	25°20	25°33	10°35	7°51	4°24	11°20	28°D 3	29°34	24°37	17°16	T 12
F 13	1 26 54	19°51'06	9♌34	28°29	22° 3	25°13	25°45	10°39	7°49	4°23	11°21	28° 4	29°30	24°43	17°23	F 13
S 14	1 30 51	20°50'07	22°56	0♌ 8	23°16	25° 6	25°57	10°43	7°46	4°21	11°21	28° 5	29°27	24°50	17°31	S 14
S 15	1 34 47	21°49'09	6♌31	1°46	24°30	25° 0	26° 9	10°48	7°44	4°19	11°22	28° 6	29°24	24°57	17°38	S 15
M 16	1 38 44	22°48'14	20°22	3°23	25°43	24°55	26°21	10°52	7°42	4°18	11°23	28°R 7	29°21	25° 3	17°45	M 16
T 17	1 42 40	23°47'22	4♌27	4°59	26°57	24°51	26°33	10°56	7°39	4°16	11°24	28° 7	29°18	25°10	17°52	T 17
W 18	1 46 37	24°46'31	18°46	6°35	28°11	24°47	26°45	11° 0	7°37	4°15	11°24	28° 5	29°15	25°17	17°59	W 18
T 19	1 50 33	25°45'43	3♌17	8° 9	29°24	24°45	26°57	11° 3	7°35	4°13	11°25	28° 2	29°11	25°24	18° 7	T 19
F 20	1 54 30	26°44'57	17°53	9°43	0♌38	24°43	27° 9	11° 7	7°33	4°12	11°25	27°57	29° 8	25°30	18°14	F 20
S 21	1 58 27	27°44'13	2♌31	11°17	1°52	24°42	27°21	11°11	7°30	4°10	11°26	27°53	29° 5	25°37	18°21	S 21
S 22	2 2 23	28°43'31	17° 2	12°49	3° 6	24°D41	27°34	11°14	7°28	4° 9	11°27	27°48	29° 2	25°44	18°28	S 22
M 23	2 6 20	29°42'52	1♌20	14°21	4°20	24°42	27°46	11°18	7°26	4° 7	11°27	27°45	28°59	25°50	18°34	M 23
T 24	2 10 16	0♌42'14	15°20	15°52	5°34	24°43	27°59	11°21	7°24	4° 6	11°28	27°43	28°56	25°57	18°41	T 24
W 25	2 14 13	1°41'39	28°58	17°23	6°48	24°45	28°11	11°24	7°22	4° 4	11°28	27°D43	28°52	26° 4	18°48	W 25
T 26	2 18 9	2°41'05	12♌13	18°52	8° 2	24°48	28°23	11°27	7°19	4° 3	11°28	27°43	28°49	26°11	18°55	T 26
F 27	2 22 6	3°40'33	25° 6	20°21	9°16	24°52	28°36	11°30	7°17	4° 2	11°29	27°45	28°46	26°17	19° 1	F 27
S 28	2 26 2	4°40'03	7♌39	21°50	10°30	24°56	28°49	11°33	7°15	4° 0	11°29	27°47	28°43	26°24	19° 8	S 28
S 29	2 29 59	5°39'35	19°55	23°17	11°44	25° 2	29° 1	11°36	7°13	3°59	11°30	27°48	28°40	26°31	19°15	S 29
M 30	2 33 56	6°39'08	1♌58	24°44	12°58	25° 8	29°14	11°39	7°11	3°57	11°30	27°R49	28°36	26°38	19°21	M 30
T 31	2 37 52	7♌38'44	13♌54	26♌10	14♌13	25°H14	29°M27	11♌41	7°Y 9	3°Y56	11♌30	27°M49	28♌33	26♌44	19°M28	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	3s12	19s20	3n30	1s37	1n29	9n33	0n52	5s40	5s 3	17s47	0n49	17n56	0n11	2n34	0s46	0n42
M 2	3 35	17 6	4 12	2 24	1 25	9 8	0 55	5 42	4 59	17 50	0 49	17 55	0 11	2 33	0 46	0 42
T 3	3 58	14 10	4 43	3 11	1 20	8 43	0 57	5 43	4 54	17 52	0 49	17 54	0 11	2 32	0 46	0 41
W 4	4 21	10 41	5 2	3 58	1 15	8 18	0 59	5 44	4 50	17 55	0 49	17 52	0 12	2 31	0 46	0 40
T 5	4 44	6 47	5 7	4 44	1 9	7 52	1 2	5 45	4 46	17 58	0 48	17 51	0 12	2 30	0 46	0 40
F 6	5 7	2 35	5 0	5 30	1 4	7 26	1 4	5 46	4 41	18 1	0 48	17 50	0 12	2 29	0 46	0 39
S 7	5 29	1n44	4 39	6 16	0 58	7 0	1 6	5 46	4 37	18 4	0 48	17 49	0 12	2 28	0 46	0 38
S 8	5 52	6 3	4 5	7 1	0 51	6 34	1 8	5 46	4 32	18 7	0 48	17 48	0 12	2 28	0 46	0 38
M 9	6 15	10 11	3 19	7 45	0 45	6 7	1 10	5 46	4 27	18 10	0 48	17 46	0 12	2 27	0 46	0 37
T 10	6 37	13 55	2 22	8 29	0 39	5 41	1 12	5 45	4 22	18 13	0 48	17 45	0 12	2 26	0 46	0 36
W 11	7 0	17 5	1 18	9 12	0 32	5 14	1 13	5 44	4 18	18 16	0 48	17 44	0 12	2 25	0 46	0 36
T 12	7 22	19 26	0 9	9 54	0 25	4 47	1 15	5 43	4 13	18 19	0 47	17 43	0 12	2 24	0 46	0 35
F 13	7 44	20 47	1s 2	10 36	0 18	4 19	1 17	5 41	4 8	18 21	0 47	17 42	0 13	2 23	0 46	0 35
S 14	8 6	20 59	2 11	11 18	0 12	3 52	1 19	5 40	4 3	18 24	0 47	17 41	0 13	2 22	0 46	0 34
S 15	8 28	19 57	3 14	11 58	0 5	3 24	1 20	5 37	3 58	18 27	0 47	17 40	0 13	2 21	0 46	0 33
M 16	8 50	17 44	4 7	12 38	0s 2	2 57	1 22	5 35	3 53	18 30	0 47	17 39	0 13	2 20	0 46	0 33
T 17	9 12	14 27	4 46	13 17	0 9	2 29	1 23	5 32	3 48	18 33	0 47	17 38	0 13	2 19	0 46	0 32
W 18	9 34	10 15	5 8	13 55	0 16	2 1	1 24	5 29	3 43	18 36	0 47	17 37	0 13	2 18	0 46	0 32
T 19	9 55	5 26	5 11	14 33	0 24	1 33	1 26	5 25	3 38	18 39	0 47	17 36	0 13	2 18	0 46	0 31
F 20	10 17	0 16	4 53	15 9	0 31	1 5	1 27	5 22	3 33	18 42	0 46	17 35	0 13	2 17	0 46	0 30
S 21	10 38	4s56	4 17	15 45	0 38	0 36	1 28	5 18	3 29	18 45	0 46	17 34	0 13	2 16	0 46	0 30
S 22	10 59	9 49	3 25	16 20	0 45	0 8	1 29	5 13	3 24	18 48	0 46	17 33	0 14	2 15	0 46	0 29
M 23	11 20	14 4	2 20	16 54	0 52	0s20	1 30	5 9	3 19	18 50	0 46	17 33	0 14	2 14	0 46	0 29
T 24	11 41	17 47	1 7	17 28	0 58	0 49	1 31	5 4	3 14	18 53	0 46	17 32	0 14	2 13	0 46	0 28
W 25	12 1	19 44	0n 7	18 0	1 5	1 17	1 31	4 58	3 9	18 56	0 46	17 31	0 14	2 13	0 46	0 28
T 26	12 22	20 52	1 19	18 31	1 12	1 46	1 32	4 53	3 4	18 59	0 46	17 30	0 14	2 12	0 46	0 27
F 27	12 42	20 51	2 25	19 2	1 19	2 14	1 33	4 47	3 0	19 2	0 46	17 30	0 14	2 11	0 46	0 26
S 28	13 2	19 46	3 22	19 31	1 25	2 42	1 33	4 41	2 55	19 5	0 46	17 29	0 14	2 10	0 46	0 26
S 29	13 22	17 46	4 9	20 0	1 31	3 11	1 34	4 35	2 50	19 8	0 45	17 28	0 14	2 9	0 46	0 25
M 30	13 41	15 2	4 44	20 28	1 38	3 39	1 34	4 28	2 46	19 10	0 45	17 28	0 15	2 9	0 46	0 25
T 31	14s 1	11s42	5n 6	20s54	1s44	4s 8	1n35	4s21	2s41	19s13	0n45	17n27	0n15	2n 8	0s46	0n24

Julian Day Number = 2700913.5, Delta T = 25m57s

Ecliptic obliquity = 23°20'58", Nutation = 0°00'15"

Ayanamsha: Fagan/Bradley = 34°17'29", Lahiri = 33°24'29"

## ASTRODIENST EPHEMERIS for the year 2682

NOVEMBER 2682

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 41 49	8♂38'20	25♂47	27♂35	15♂27	25♂22	29♂39	11♂44	7°R 7	3°R55	11♂31	27°R48	28♂30	26♂51	19♂34	W 1
T 2	2 45 45	9°37'59	7♂41	29° 0	16°41	25°30	29°52	11°46	7°Y 5	3°Y54	11°31	27♂46	28°27	26°58	19°40	T 2
F 3	2 49 42	10°37'39	19°41	0♂23	17°56	25°39	0♂5	11°49	7° 4	3°52	11°31	27°44	28°24	27° 4	19°47	F 3
S 4	2 53 38	11°37'21	1°Y50	1°46	19°10	25°49	0°18	11°51	7° 2	3°51	11°31	27°41	28°21	27°11	19°53	S 4
S 5	2 57 35	12°37'04	14°12	3° 8	20°25	25°59	0°31	11°53	7° 0	3°50	11°32	27°39	28°17	27°18	19°59	S 5
M 6	3 1 31	13°36'50	26°47	4°29	21°39	26°10	0°43	11°55	6°58	3°49	11°32	27°37	28°14	27°25	20° 5	M 6
T 7	3 5 28	14°36'37	9♂37	5°49	22°54	26°22	0°56	11°57	6°56	3°48	11°32	27°35	28°11	27°31	20°11	T 7
W 8	3 9 25	15°36'27	22°42	7° 8	24° 8	26°35	1° 9	11°58	6°55	3°46	11°32	27°D35	28° 8	27°38	20°17	W 8
T 9	3 13 21	16°36'18	6♂2	8°25	25°23	26°48	1°22	12° 0	6°53	3°45	11°32	27°35	28° 5	27°45	20°23	T 9
F 10	3 17 18	17°36'11	19°35	9°41	26°38	27° 1	1°35	12° 2	6°51	3°44	11°32	27°35	28° 2	27°52	20°29	F 10
S 11	3 21 14	18°36'07	3♂19	10°56	27°52	27°16	1°48	12° 3	6°50	3°43	11°32	27°36	27°58	27°58	20°34	S 11
S 12	3 25 11	19°36'04	17°14	12° 9	29° 7	27°31	2° 2	12° 4	6°48	3°42	11°R32	27°37	27°55	28° 5	20°40	S 12
M13	3 29 7	20°36'04	1♂16	13°20	0♂22	27°46	2°15	12° 6	6°46	3°41	11°32	27°38	27°52	28°12	20°45	M13
T 14	3 33 4	21°36'05	15°24	14°30	1°36	28° 2	2°28	12° 7	6°45	3°40	11°32	27°38	27°49	28°18	20°51	T 14
W15	3 37 0	22°36'09	29°36	15°37	2°51	28°19	2°41	12° 8	6°44	3°39	11°32	27°R38	27°46	28°25	20°56	W15
T 16	3 40 57	23°36'15	13♂50	16°42	4° 6	28°36	2°54	12° 9	6°42	3°38	11°32	27°38	27°42	28°32	21° 2	T 16
F 17	3 44 54	24°36'23	28° 2	17°44	5°21	28°54	3° 7	12° 9	6°41	3°37	11°32	27°37	27°39	28°39	21° 7	F 17
S 18	3 48 50	25°36'33	12♂11	18°43	6°36	29°12	3°20	12°10	6°39	3°36	11°32	27°37	27°36	28°45	21°12	S 18
S 19	3 52 47	26°36'45	26°13	19°39	7°51	29°31	3°34	12°11	6°38	3°36	11°32	27°37	27°33	28°52	21°17	S 19
M20	3 56 43	27°36'59	10♂4	20°31	9° 6	29°50	3°47	12°11	6°37	3°35	11°31	27°D37	27°30	28°59	21°22	M20
T 21	4 0 40	28°37'14	23°42	21°19	10°21	0°Y10	4° 0	12°11	6°36	3°34	11°31	27°R37	27°27	29° 5	21°27	T 21
W22	4 4 36	29°37'32	7♂4	22° 2	11°36	0°31	4°13	12°12	6°34	3°33	11°31	27°37	27°23	29°12	21°32	W22
T 23	4 8 33	0♂37'51	20° 9	22°40	12°51	0°52	4°27	12°R12	6°33	3°32	11°31	27°37	27°20	29°19	21°37	T 23
F 24	4 12 29	1°38'12	2♂56	23°11	14° 6	1°13	4°40	12°12	6°32	3°32	11°30	27°36	27°17	29°26	21°41	F 24
S 25	4 16 26	2°38'34	15°27	23°36	15°21	1°35	4°53	12°12	6°31	3°31	11°30	27°36	27°14	29°32	21°46	S 25
S 26	4 20 23	3°38'58	27°43	23°54	16°36	1°57	5° 6	12°11	6°30	3°30	11°30	27°35	27°11	29°39	21°50	S 26
M27	4 24 19	4°39'23	9♂47	24° 4	17°51	2°20	5°20	12°11	6°29	3°30	11°29	27°34	27° 7	29°46	21°55	M27
T 28	4 28 16	5°39'49	21°44	24°R 4	19° 6	2°43	5°33	12°11	6°28	3°29	11°29	27°34	27° 4	29°53	21°59	T 28
W29	4 32 12	6°40'17	3♂36	23°56	20°21	3° 6	5°46	12°10	6°27	3°29	11°28	27°D33	27° 1	29°59	22° 3	W29
T 30	4 36 9	7♂40'46	15♂30	23♂37	21♂36	3°Y30	5♂59	12♂9	6°Y27	3°Y28	11♂28	27♂33	26♂58	0♂6	22♂7	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	14s20	7s56	5n15	21s20	1s50	4s36	1n35	4s14	2s37	19s16	0n45	17n26	0n15	2n 7	0s46	0n24
T 2	14 39	3 51	5 11	21 44	1 56	5 4	1 35	4 7	2 32	19 19	0 45	17 26	0 15	2 6	0 46	0 23
F 3	14 57	0n25	4 53	22 8	2 1	5 32	1 35	3 59	2 28	19 22	0 45	17 25	0 15	2 6	0 46	0 23
S 4	15 16	4 43	4 21	22 30	2 7	6 0	1 35	3 51	2 24	19 24	0 45	17 25	0 15	2 5	0 46	0 22
S 5	15 34	8 55	3 37	22 51	2 12	6 28	1 35	3 43	2 19	19 27	0 45	17 24	0 15	2 4	0 46	0 22
M 6	15 52	12 48	2 42	23 12	2 17	6 56	1 35	3 35	2 15	19 30	0 45	17 24	0 15	2 4	0 45	0 22
T 7	16 10	16 11	1 38	23 31	2 21	7 24	1 35	3 27	2 11	19 33	0 45	17 24	0 16	2 3	0 45	0 21
W 8	16 27	18 49	0 27	23 49	2 25	7 51	1 35	3 18	2 7	19 35	0 44	17 23	0 16	2 2	0 45	0 21
T 9	16 44	20 28	0s47	24 5	2 30	8 19	1 35	3 9	2 3	19 38	0 44	17 23	0 16	2 2	0 45	0 20
F 10	17 1	20 58	1 59	24 21	2 33	8 46	1 34	3 0	1 59	19 41	0 44	17 23	0 16	2 1	0 45	0 20
S 11	17 18	20 13	3 5	24 35	2 36	9 13	1 34	2 51	1 55	19 43	0 44	17 22	0 16	2 0	0 45	0 19
S 12	17 34	18 15	4 2	24 48	2 39	9 40	1 33	2 41	1 51	19 46	0 44	17 22	0 16	2 0	0 45	0 19
M13	17 50	15 11	4 44	25 0	2 42	10 6	1 33	2 31	1 47	19 49	0 44	17 22	0 16	1 59	0 45	0 19
T 14	18 6	11 13	5 10	25 10	2 44	10 33	1 32	2 22	1 43	19 51	0 44	17 22	0 16	1 59	0 45	0 18
W15	18 21	6 37	5 17	25 19	2 45	10 59	1 31	2 12	1 40	19 54	0 44	17 21	0 17	1 58	0 45	0 18
T 16	18 36	1 39	5 5	25 27	2 46	11 25	1 31	2 1	1 36	19 57	0 44	17 21	0 17	1 58	0 45	0 18
F 17	18 51	3s25	4 34	25 33	2 47	11 51	1 30	1 51	1 33	19 59	0 44	17 21	0 17	1 57	0 45	0 17
S 18	19 5	8 16	3 46	25 38	2 46	12 16	1 29	1 41	1 29	20 2	0 44	17 21	0 17	1 56	0 45	0 17
S 19	19 19	12 39	2 46	25 42	2 45	12 41	1 28	1 30	1 26	20 4	0 44	17 21	0 17	1 56	0 45	0 17
M20	19 33	16 18	1 36	25 44	2 44	13 6	1 27	1 19	1 22	20 7	0 43	17 21	0 17	1 56	0 45	0 16
T 21	19 47	18 59	0 22	25 44	2 41	13 31	1 26	1 8	1 19	20 9	0 43	17 21	0 17	1 55	0 45	0 16
W22	20 0	20 33	0n52	25 44	2 37	13 55	1 25	0 57	1 15	20 12	0 43	17 21	0 17	1 55	0 45	0 16
T 23	20 12	20 58	2 2	25 41	2 33	14 19	1 23	0 46	1 12	20 14	0 43	17 21	0 18	1 54	0 45	0 15
F 24	20 25	20 15	3 4	25 37	2 27	14 42	1 22	0 35	1 9	20 17	0 43	17 21	0 18	1 54	0 45	0 15
S 25	20 37	18 34	3 55	25 32	2 20	15 5	1 21	0 23	1 6	20 19	0 43	17 22	0 18	1 53	0 45	0 15
S 26	20 48	16 3	4 35	25 24	2 12	15 28	1 19	0 11	1 3	20 22	0 43	17 22	0 18	1 53	0 45	0 15
M27	20 59	12 53	5 2	25 15	2 3	15 50	1 18	0n 0	1 0	20 24	0 43	17 22	0 18	1 53	0 45	0 15
T 28	21 10	9 14	5 15	25 5	1 52	16 12	1 16	0 12	0 57	20 27	0 43	17 22	0 18	1 52	0 45	0 14
W29	21 20	5 15	5 15	24 52	1 39	16 34	1 15	0 24	0 54	20 29	0 43	17 23	0 18	1 52	0 45	0 14
T 30	21s30	1s 3	5n 1	24s37	1s25	16s55	1n13	0n36	0s51	20s31	0n43	17n23	0n18	1n52	0s45	0n14

Julian Day Number = 2700944.5, Delta T = 25m57s

Ecliptic obliquity = 23°20'58, Nutation = 0°00'14

Ayanamsha: Fagan/Bradley = 34°17'34, Lahiri = 33°24'33







## ASTRODIENST EPHEMERIS for the year 2683

MARCH 2683

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 34 55	10° 3' 48"	9° 52' 2"	24° 47'	15° 56'	24° 8'	23° 4'	6° 25'	8° 32'	4° 56'	9° 47'	21° 12'	22° 9'	10° 18'	21° 4'	T 1
F 2	10 38 52	11° 4' 18"	23° 17'	26° 27'	17° 11'	24° 40'	23° 11'	6° 21'	8° 35'	4° 58'	9° 46'	21° 6'	22° 6'	10° 24'	20° 59'	F 2
S 3	10 42 49	12° 4' 47"	8° 0'	28° 4'	18° 26'	25° 17'	23° 18'	6° 18'	8° 39'	5° 0'	9° 45'	20° 58'	22° 3'	10° 31'	20° 55'	S 3
S 4	10 46 45	13° 5' 14"	23° 5'	29° 37'	19° 41'	25° 55'	23° 25'	6° 14'	8° 42'	5° 2'	9° 44'	20° 48'	21° 59'	10° 38'	20° 50'	S 4
M 5	10 50 42	14° 5' 39"	8° 25'	1° 7'	20° 57'	26° 32'	23° 31'	6° 11'	8° 45'	5° 4'	9° 43'	20° 38'	21° 56'	10° 44'	20° 46'	M 5
T 6	10 54 38	15° 6' 02"	23° 46'	2° 31'	22° 12'	27° 9'	23° 38'	6° 8'	8° 48'	5° 6'	9° 42'	20° 29'	21° 53'	10° 51'	20° 41'	T 6
W 7	10 58 35	16° 6' 24"	8° 58'	3° 51'	23° 27'	27° 47'	23° 44'	6° 4'	8° 51'	5° 8'	9° 41'	20° 21'	21° 50'	10° 58'	20° 36'	W 7
T 8	11 2 31	17° 6' 44"	23° 50'	5° 4'	24° 42'	28° 24'	23° 50'	6° 1'	8° 55'	5° 11'	9° 40'	20° 16'	21° 47'	11° 5'	20° 32'	T 8
F 9	11 6 28	18° 7' 03"	8° 17'	6° 11'	25° 57'	29° 2'	23° 56'	5° 58'	8° 58'	5° 13'	9° 39'	20° 13'	21° 43'	11° 11'	20° 27'	F 9
S 10	11 10 24	19° 7' 21"	22° 14'	7° 10'	27° 12'	29° 40'	24° 2'	5° 55'	9° 1'	5° 15'	9° 38'	20° 12'	21° 40'	11° 18'	20° 22'	S 10
S 11	11 14 21	20° 7' 37"	5° 44'	8° 2'	28° 27'	0° 17'	24° 8'	5° 52'	9° 4'	5° 17'	9° 37'	20° 13'	21° 37'	11° 25'	20° 18'	S 11
M 12	11 18 18	21° 7' 52"	18° 47'	8° 46'	29° 42'	0° 55'	24° 13'	5° 50'	9° 8'	5° 19'	9° 36'	20° 14'	21° 34'	11° 31'	20° 13'	M 12
T 13	11 22 14	22° 8' 05"	1° 32'	9° 21'	0° 56'	1° 32'	24° 19'	5° 47'	9° 11'	5° 22'	9° 35'	20° 13'	21° 31'	11° 38'	20° 8'	T 13
W 14	11 26 11	23° 8' 17"	13° 51'	9° 47'	2° 11'	2° 10'	24° 24'	5° 44'	9° 14'	5° 24'	9° 34'	20° 11'	21° 28'	11° 45'	20° 3'	W 14
T 15	11 30 7	24° 8' 28"	26° 1'	10° 3'	3° 26'	2° 47'	24° 29'	5° 42'	9° 18'	5° 26'	9° 33'	20° 6'	21° 24'	11° 52'	19° 59'	T 15
F 16	11 34 4	25° 8' 37"	8° 2'	10° 11'	4° 41'	3° 25'	24° 34'	5° 40'	9° 21'	5° 28'	9° 32'	19° 59'	21° 21'	11° 58'	19° 54'	F 16
S 17	11 38 0	26° 8' 44"	19° 57'	10° 9'	5° 56'	4° 3'	24° 38'	5° 37'	9° 24'	5° 31'	9° 31'	19° 50'	21° 18'	12° 5'	19° 49'	S 17
S 18	11 41 57	27° 8' 50"	1° 49'	9° 58'	7° 11'	4° 40'	24° 43'	5° 35'	9° 28'	5° 33'	9° 30'	19° 40'	21° 15'	12° 12'	19° 45'	S 18
M 19	11 45 53	28° 8' 54"	13° 40'	9° 38'	8° 26'	5° 18'	24° 47'	5° 33'	9° 31'	5° 35'	9° 29'	19° 29'	21° 12'	12° 18'	19° 40'	M 19
T 20	11 49 50	29° 8' 56"	25° 32'	9° 10'	9° 40'	5° 56'	24° 51'	5° 31'	9° 34'	5° 37'	9° 29'	19° 19'	21° 8'	12° 25'	19° 35'	T 20
W 21	11 53 46	0° 8' 56"	7° 26'	8° 34'	10° 55'	6° 33'	24° 55'	5° 29'	9° 38'	5° 40'	9° 28'	19° 11'	21° 5'	12° 32'	19° 31'	W 21
T 22	11 57 43	1° 8' 54"	19° 25'	7° 52'	12° 10'	7° 11'	24° 59'	5° 28'	9° 41'	5° 42'	9° 27'	19° 4'	21° 2'	12° 39'	19° 26'	T 22
F 23	12 1 40	2° 8' 51"	1° 29'	7° 5'	13° 25'	7° 49'	25° 3'	5° 26'	9° 45'	5° 44'	9° 26'	19° 0'	20° 59'	12° 45'	19° 22'	F 23
S 24	12 5 36	3° 8' 45"	13° 40'	6° 13'	14° 39'	8° 27'	25° 6'	5° 24'	9° 48'	5° 46'	9° 26'	18° 58'	20° 56'	12° 52'	19° 17'	S 24
S 25	12 9 33	4° 8' 38"	26° 3'	5° 18'	15° 54'	9° 4'	25° 10'	5° 23'	9° 51'	5° 49'	9° 25'	18° 58'	20° 53'	12° 59'	19° 13'	S 25
M 26	12 13 29	5° 8' 28"	8° 39'	4° 21'	17° 9'	9° 42'	25° 13'	5° 22'	9° 55'	5° 51'	9° 24'	19° 0'	20° 49'	13° 5'	19° 8'	M 26
T 27	12 17 26	6° 8' 16"	21° 32'	3° 24'	18° 23'	10° 20'	25° 16'	5° 21'	9° 58'	5° 53'	9° 24'	19° 1'	20° 46'	13° 12'	19° 4'	T 27
W 28	12 21 22	7° 8' 02"	4° 45'	2° 27'	19° 38'	10° 58'	25° 19'	5° 19'	10° 2'	5° 56'	9° 23'	19° 2'	20° 43'	13° 19'	19° 0'	W 28
T 29	12 25 19	8° 7' 46"	18° 22'	1° 32'	20° 52'	11° 35'	25° 21'	5° 18'	10° 5'	5° 58'	9° 22'	19° 1'	20° 40'	13° 26'	18° 55'	T 29
F 30	12 29 15	9° 7' 27"	2° 25'	0° 40'	22° 7'	12° 13'	25° 24'	5° 18'	10° 8'	6° 0'	9° 22'	18° 59'	20° 37'	13° 32'	18° 51'	F 30
S 31	12 33 12	10° 7' 06"	16° 51'	29° 52'	23° 21'	12° 51'	25° 26'	5° 17'	10° 12'	6° 2'	9° 21'	18° 55'	20° 34'	13° 39'	18° 47'	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	7s46	19n18	3s45	2s23	0s21	6s52	1s27	19n50	1n 9	22s28	0n42	19n 4	0n29	2n44	0s42	0n51	1s12
F 2	7 23	16 57	4 28	1 33	0 9	6 23	1 27	20 0	1 10	22 28	0 42	19 5	0 29	2 45	0 41	0 52	1 12
S 3	7 0	13 27	4 55	0 43	0n 3	5 53	1 27	20 9	1 10	22 29	0 42	19 6	0 29	2 47	0 41	0 53	1 12
S 4	6 37	9 0	5 2	0n 6	0 16	5 24	1 27	20 18	1 11	22 29	0 42	19 7	0 29	2 48	0 41	0 53	1 12
M 5	6 14	3 56	4 48	0 53	0 30	4 54	1 27	20 28	1 11	22 29	0 42	19 8	0 29	2 49	0 41	0 54	1 12
T 6	5 51	1s25	4 13	1 40	0 43	4 24	1 26	20 37	1 11	22 29	0 42	19 8	0 29	2 51	0 41	0 55	1 12
W 7	5 28	6 37	3 21	2 24	0 57	3 55	1 26	20 45	1 12	22 30	0 42	19 9	0 29	2 52	0 41	0 56	1 12
T 8	5 4	11 19	2 16	3 6	1 12	3 25	1 25	20 54	1 12	22 30	0 42	19 10	0 29	2 53	0 41	0 57	1 12
F 9	4 41	15 13	1 3	3 46	1 26	2 54	1 25	21 3	1 13	22 30	0 42	19 11	0 29	2 54	0 41	0 58	1 12
S 10	4 17	18 5	0n11	4 23	1 41	2 24	1 24	21 11	1 13	22 30	0 43	19 12	0 29	2 56	0 41	0 59	1 12
S 11	3 54	19 50	1 22	4 56	1 55	1 54	1 24	21 20	1 13	22 31	0 43	19 12	0 29	2 57	0 41	1 0	1 12
M 12	3 30	20 27	2 27	5 26	2 9	1 24	1 23	21 28	1 14	22 31	0 43	19 13	0 29	2 58	0 41	1 0	1 12
T 13	3 7	19 58	3 22	5 53	2 23	0 53	1 22	21 36	1 14	22 31	0 43	19 14	0 30	3 0	0 41	1 1	1 12
W 14	2 43	18 33	4 7	6 15	2 36	0 23	1 22	21 44	1 14	22 31	0 43	19 15	0 30	3 1	0 41	1 2	1 12
T 15	2 19	16 18	4 39	6 32	2 48	0n 8	1 21	21 51	1 14	22 31	0 43	19 15	0 30	3 2	0 41	1 3	1 12
F 16	1 55	13 22	4 59	6 45	2 59	0 38	1 20	21 59	1 15	22 32	0 43	19 16	0 30	3 3	0 41	1 4	1 12
S 17	1 32	9 56	5 5	6 54	3 9	1 9	1 19	22 6	1 15	22 32	0 43	19 17	0 30	3 5	0 41	1 5	1 12
S 18	1 8	6 8	4 58	6 57	3 17	1 39	1 18	22 14	1 15	22 32	0 43	19 17	0 30	3 6	0 41	1 6	1 12
M 19	0 44	2 6	4 39	6 56	3 24	2 9	1 17	22 21	1 16	22 32	0 43	19 18	0 30	3 7	0 41	1 7	1 12
T 20	0 20	2n 1	4 7	6 50	3 29	2 40	1 15	22 28	1 16	22 32	0 43	19 18	0 30	3 9	0 41	1 7	1 12
W 21	0n 4	6 5	3 25	6 39	3 33	3 10	1 14	22 34	1 16	22 32	0 43	19 19	0 30	3 10	0 41	1 8	1 12
T 22	0 27	9 55	2 33	6 24	3 34	3 40	1 13	22 41	1 16	22 32	0 43	19 19	0 30	3 11	0 41	1 9	1 12
F 23	0 51	13 24	1 33	6 4	3 34	4 11	1 11	22 47	1 17	22 32	0 43	19 20	0 30	3 13	0 41	1 10	1 12
S 24	1 15	16 20	0 29	5 42	3 31	4 41	1 10	22 54	1 17	22 32	0 43	19 20	0 30	3 14	0 41	1 11	1 12
S 25	1 38	18 34	0s38	5 16	3 27	5 11	1 9	23 0	1 17	22 33	0 43	19 20	0 30	3 15	0 41	1 12	1 12
M 26	2 2	19 56	1 45	4 47	3 20	5 41	1 7	23 6	1 17	22 33	0 43	19 21	0 30	3 17	0 41	1 13	1 12
T 27	2 26	20 18	2 47	4 17	3 12	6 10	1 6	23 11	1 17	22 33	0 43	19 21	0 30	3 18	0 41	1 14	1 12
W 28	2 49	19 33	3 43	3 46	3 2	6 40	1 4	23 17	1 18	22 33	0 43	19 21	0 30	3 20	0 41	1 15	1 12
T 29	3 13	17 41	4 27	3 14	2 51	7 9	1 2	23 22	1 18	22 33	0 43	19 22	0 30	3 21	0 41	1 16	1 12
F 30	3 36	14 43	4 58	2 41	2 38	7 39	1 1	23 28	1 18	22 33	0 43	19 22	0 30	3 22	0 41	1 16	1 12
S 31	4n 0	10n47	5s10	2n10	2n25	8n 8	0s59	23n33	1n18	22s33	0n43	19n22	0n30	3n24	0s41	1n17	1s12

Julian Day Number = 2701064.5, Delta T = 25m59s

Ecliptic obliquity = 23°20'57", Nutation = 0°00'15"

Ayanamsha: Fagan/Bradley = 34°17'50", Lahiri = 33°24'50"

## ASTRODIENST EPHEMERIS for the year 2683

APRIL 2683

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 37 9	11° 6' 43"	1° 39'	29° 8'	24° 36'	13° 29'	25° 28'	5° 16'	10° 15'	6° 5'	9° 21'	18° 50'	20° 30'	13° 46'	18° 43'	S 1
M 2	12 41 5	12° 6' 18"	16° 42'	28° 30'	25° 50'	14° 7'	25° 30'	5° 16'	10° 19'	6° 7'	9° 20'	18° 45'	20° 27'	13° 52'	18° 39'	M 2
T 3	12 45 2	13° 5' 50"	1° 51'	27° 57'	27° 5'	14° 44'	25° 31'	5° 15'	10° 22'	6° 9'	9° 20'	18° 40'	20° 24'	13° 59'	18° 34'	T 3
W 4	12 48 58	14° 5' 21"	16° 57'	27° 29'	28° 19'	15° 22'	25° 33'	5° 15'	10° 26'	6° 12'	9° 19'	18° 35'	20° 21'	14° 6'	18° 31'	W 4
T 5	12 52 55	15° 4' 50"	1° 49'	27° 8'	29° 34'	16° 0'	25° 34'	5° 15'	10° 29'	6° 14'	9° 19'	18° 33'	20° 18'	14° 13'	18° 27'	T 5
F 6	12 56 51	16° 4' 16"	16° 20'	26° 52'	0° 48'	16° 38'	25° 35'	5° 15'	10° 32'	6° 16'	9° 18'	18° 32'	20° 14'	14° 19'	18° 23'	F 6
S 7	13 0 48	17° 3' 41"	0° 26'	26° 43'	2° 2'	17° 15'	25° 36'	5° 15'	10° 36'	6° 18'	9° 18'	18° 32'	20° 11'	14° 26'	18° 19'	S 7
S 8	13 4 44	18° 3' 04"	14° 5'	26° 40'	3° 16'	17° 53'	25° 37'	5° 15'	10° 39'	6° 21'	9° 18'	18° 34'	20° 8'	14° 33'	18° 15'	S 8
M 9	13 8 41	19° 2' 26"	27° 16'	26° 42'	4° 31'	18° 31'	25° 38'	5° 15'	10° 43'	6° 23'	9° 17'	18° 35'	20° 5'	14° 39'	18° 12'	M 9
T 10	13 12 38	20° 1' 46"	10° 3' 4'	26° 50'	5° 45'	19° 9'	25° 38'	5° 15'	10° 46'	6° 25'	9° 17'	18° 36'	20° 2'	14° 46'	18° 8'	T 10
W 11	13 16 34	21° 1' 04"	22° 32'	27° 3'	6° 59'	19° 47'	25° 38'	5° 16'	10° 49'	6° 27'	9° 17'	18° 37'	19° 59'	14° 53'	18° 4'	W 11
T 12	13 20 31	22° 0' 20"	4° 33'	27° 21'	8° 13'	20° 24'	25° 38'	5° 16'	10° 53'	6° 29'	9° 16'	18° 36'	19° 55'	15° 0'	18° 1'	T 12
F 13	13 24 27	22° 59' 34"	16° 44'	27° 44'	9° 27'	21° 2'	25° 38'	5° 17'	10° 56'	6° 32'	9° 16'	18° 34'	19° 52'	15° 6'	17° 58'	F 13
S 14	13 28 24	23° 58' 47"	28° 38'	28° 12'	10° 42'	21° 40'	25° 38'	5° 18'	11° 0'	6° 34'	9° 16'	18° 31'	19° 49'	15° 13'	17° 54'	S 14
S 15	13 32 20	24° 57' 58"	10° 28'	28° 44'	11° 56'	22° 18'	25° 37'	5° 19'	11° 3'	6° 36'	9° 16'	18° 27'	19° 46'	15° 20'	17° 51'	S 15
M 16	13 36 17	25° 57' 07"	22° 19'	29° 20'	13° 10'	22° 56'	25° 36'	5° 20'	11° 6'	6° 38'	9° 16'	18° 23'	19° 43'	15° 26'	17° 48'	M 16
T 17	13 40 13	26° 56' 14"	4° 14'	0° 0'	14° 24'	23° 33'	25° 35'	5° 21'	11° 10'	6° 40'	9° 15'	18° 20'	19° 39'	15° 33'	17° 45'	T 17
W 18	13 44 10	27° 55' 19"	16° 14'	0° 44'	15° 38'	24° 11'	25° 34'	5° 22'	11° 13'	6° 43'	9° 15'	18° 17'	19° 36'	15° 40'	17° 42'	W 18
T 19	13 48 6	28° 54' 22"	28° 21'	1° 31'	16° 52'	24° 49'	25° 33'	5° 23'	11° 16'	6° 45'	9° 15'	18° 15'	19° 33'	15° 46'	17° 39'	T 19
F 20	13 52 3	29° 53' 24"	10° 37'	2° 22'	18° 6'	25° 27'	25° 32'	5° 25'	11° 20'	6° 47'	9° 15'	18° 13'	19° 30'	15° 53'	17° 36'	F 20
S 21	13 56 0	0° 52' 23"	23° 4'	3° 16'	19° 20'	26° 5'	25° 30'	5° 26'	11° 23'	6° 49'	9° 15'	18° 13'	19° 27'	16° 0'	17° 34'	S 21
S 22	13 59 56	1° 51' 20"	5° 32'	4° 13'	20° 33'	26° 42'	25° 28'	5° 28'	11° 26'	6° 51'	9° 15'	18° 14'	19° 24'	16° 7'	17° 31'	S 22
M 23	14 3 53	2° 50' 16"	18° 33'	5° 13'	21° 47'	27° 20'	25° 26'	5° 30'	11° 29'	6° 53'	9° 15'	18° 15'	19° 20'	16° 13'	17° 29'	M 23
T 24	14 7 49	3° 49' 09"	1° 39'	6° 15'	23° 1'	27° 58'	25° 24'	5° 32'	11° 33'	6° 55'	9° 15'	18° 16'	19° 17'	16° 20'	17° 26'	T 24
W 25	14 11 46	4° 48' 00"	15° 1'	7° 20'	24° 15'	28° 36'	25° 21'	5° 34'	11° 36'	6° 57'	9° 15'	18° 18'	19° 14'	16° 27'	17° 24'	W 25
T 26	14 15 42	5° 46' 48"	28° 40'	8° 28'	25° 29'	29° 14'	25° 19'	5° 36'	11° 39'	6° 59'	9° 15'	18° 18'	19° 11'	16° 33'	17° 22'	T 26
F 27	14 19 39	6° 45' 34"	12° 36'	9° 38'	26° 42'	29° 52'	25° 16'	5° 38'	11° 42'	7° 1'	9° 15'	18° 18'	19° 8'	16° 40'	17° 20'	F 27
S 28	14 23 35	7° 44' 19"	26° 49'	10° 51'	27° 56'	0° 52'	25° 13'	5° 40'	11° 45'	7° 3'	9° 16'	18° 18'	19° 5'	16° 47'	17° 18'	S 28
S 29	14 27 32	8° 43' 00"	11° 17'	12° 5'	29° 10'	1° 7'	25° 10'	5° 42'	11° 49'	7° 5'	9° 16'	18° 17'	19° 1'	16° 54'	17° 16'	S 29
M 30	14 31 29	9° 41' 40"	25° 56'	13° 22'	0° 22'	1° 45'	25° 7'	5° 45'	11° 52'	7° 7'	9° 16'	18° 16'	19° 58'	17° 11'	17° 14'	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	4n23	6n 7	5s 3	1n39	2n11	8n37	0s57	23n38	1n18	22s33	0n43	19n22	0n31	3n25	0s41	1n18
M 2	4 46	1 1	4 35	1 10	1 56	9 6	0 55	23 42	1 19	22 33	0 43	19 23	0 31	3 26	0 41	1 19
T 3	5 9	4s13	3 47	0 43	1 40	9 34	0 53	23 47	1 19	22 33	0 44	19 23	0 31	3 28	0 41	1 20
W 4	5 32	9 9	2 44	0 18	1 25	10 2	0 51	23 51	1 19	22 33	0 44	19 23	0 31	3 29	0 41	1 21
T 5	5 55	13 28	1 30	0s 5	1 9	10 31	0 49	23 56	1 19	22 33	0 44	19 23	0 31	3 30	0 41	1 22
F 6	6 18	16 51	0 12	0 25	0 53	10 58	0 47	24 0	1 19	22 33	0 44	19 23	0 31	3 32	0 41	1 23
S 7	6 41	19 7	1n 5	0 43	0 38	11 26	0 45	24 3	1 19	22 33	0 44	19 23	0 31	3 33	0 41	1 23
S 8	7 3	20 10	2 15	0 58	0 23	11 53	0 43	24 7	1 19	22 33	0 44	19 23	0 31	3 34	0 41	1 24
M 9	7 26	20 3	3 16	1 11	0 9	12 20	0 41	24 11	1 20	22 33	0 44	19 23	0 31	3 36	0 41	1 25
T 10	7 48	18 53	4 6	1 21	0s 6	12 47	0 38	24 14	1 20	22 33	0 44	19 23	0 31	3 37	0 41	1 26
W 11	8 10	16 50	4 42	1 28	0 19	13 13	0 36	24 17	1 20	22 33	0 44	19 23	0 31	3 38	0 41	1 27
T 12	8 32	14 5	5 5	1 33	0 32	13 40	0 34	24 20	1 20	22 33	0 44	19 23	0 31	3 40	0 41	1 28
F 13	8 54	10 46	5 14	1 35	0 45	14 5	0 32	24 23	1 20	22 33	0 44	19 23	0 31	3 41	0 41	1 29
S 14	9 16	7 4	5 9	1 35	0 57	14 31	0 29	24 25	1 20	22 33	0 44	19 23	0 31	3 42	0 41	1 29
S 15	9 38	3 7	4 51	1 33	1 8	14 56	0 27	24 28	1 20	22 33	0 44	19 22	0 31	3 43	0 41	1 30
M 16	9 59	0n58	4 21	1 28	1 19	15 21	0 24	24 30	1 20	22 33	0 44	19 22	0 31	3 45	0 41	1 31
T 17	10 21	5 2	3 39	1 22	1 29	15 45	0 22	24 32	1 20	22 33	0 44	19 22	0 31	3 46	0 41	1 32
W 18	10 42	8 56	2 47	1 13	1 38	16 9	0 20	24 34	1 20	22 33	0 44	19 22	0 31	3 47	0 41	1 33
T 19	11 3	12 31	1 47	1 2	1 47	16 32	0 17	24 35	1 20	22 32	0 44	19 21	0 31	3 49	0 41	1 34
F 20	11 23	15 37	0 42	0 50	1 55	16 55	0 15	24 37	1 21	22 32	0 44	19 21	0 31	3 50	0 41	1 34
S 21	11 44	18 2	0s27	0 35	2 3	17 18	0 12	24 38	1 21	22 32	0 44	19 21	0 31	3 51	0 41	1 35
S 22	12 4	19 37	1 35	0 19	2 10	17 40	0 9	24 39	1 21	22 32	0 44	19 20	0 31	3 52	0 41	1 36
M 23	12 25	20 12	2 40	0 1	2 16	18 2	0 7	24 40	1 21	22 32	0 44	19 20	0 31	3 54	0 41	1 37
T 24	12 45	19 43	3 38	0n18	2 22	18 23	0 4	24 41	1 21	22 32	0 44	19 20	0 31	3 55	0 41	1 38
W 25	13 4	18 7	4 25	0 39	2 27	18 44	0 2	24 41	1 21	22 32	0 44	19 19	0 31	3 56	0 41	1 39
T 26	13 24	15 29	4 58	1 1	2 32	19 4	0n 1	24 42	1 21	22 32	0 44	19 19	0 32	3 57	0 41	1 39
F 27	13 43	11 55	5 15	1 25	2 36	19 24	0 4	24 42	1 21	22 32	0 44	19 18	0 32	3 59	0 41	1 40
S 28	14 2	7 37	5 13	1 50	2 39	19 44	0 6	24 42	1 21	22 32	0 44	19 18	0 32	4 0	0 41	1 41
S 29	14 21	2 48	4 52	2 16	2 42	20 2	0 9	24 42	1 21	22 31	0 44	19 17	0 32	4 1	0 41	1 42
M 30	14n40	2s14	4s11	2n44	2s44	20n21	0n12	24n41	1n21	22s31	0n44	19n16	0n32	4n 2	0s41	1n42

Julian Day Number = 2701095.5, Delta T = 25m59s

Ecliptic obliquity = 23°20'57", Nutation = 0°00'13"

Ayanamsha: Fagan/Bradley = 34°17'54", Lahiri = 33°24'54"

## ASTRODIENST EPHEMERIS for the year 2683

MAY 2683

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 35 25	10°40'17	10°40	14°41	11°37	2°23	25°R 3	5°48	11°55	7°9	9°16	18°R15	18°55	17°47	17°R12	T 1
W 2	14 39 22	11°38'53	25°23	16° 2	2°50	3° 0	24°59	5°50	11°58	7°11	9°16	18°R14	18°52	17°14	17°R11	W 2
T 3	14 43 18	12°37'26	9°58	17°25	4° 4	3°38	24°56	5°53	12° 1	7°13	9°17	18°R14	18°49	17°20	17° 9	T 3
F 4	14 47 15	13°35'58	24°19	18°49	5°17	4°16	24°52	5°56	12° 4	7°15	9°17	18°D14	18°45	17°27	17° 8	F 4
S 5	14 51 11	14°34'28	8°20	20°16	6°31	4°54	24°48	5°59	12° 7	7°17	9°17	18°R14	18°42	17°34	17° 7	S 5
S 6	14 55 8	15°32'56	21°59	21°45	7°44	5°31	24°43	6° 2	12°10	7°19	9°18	18°R14	18°39	17°40	17° 6	S 6
M 7	14 59 4	16°31'22	5°14	23°16	8°57	6° 9	24°39	6° 5	12°13	7°21	9°18	18°R15	18°36	17°47	17° 5	M 7
T 8	15 3 1	17°29'47	18° 7	24°48	10°11	6°47	24°34	6° 8	12°16	7°23	9°18	18°R15	18°33	17°54	17° 4	T 8
W 9	15 6 58	18°28'10	0°39	26°22	11°24	7°25	24°29	6°12	12°19	7°25	9°19	18°R15	18°30	18° 1	17° 3	W 9
T 10	15 10 54	19°26'32	12°54	27°58	12°37	8° 2	24°24	6°15	12°22	7°26	9°19	18°R15	18°26	18° 7	17° 2	T 10
F 11	15 14 51	20°24'52	24°57	29°36	13°50	8°40	24°19	6°19	12°25	7°28	9°20	18°D15	18°23	18°14	17° 2	F 11
S 12	15 18 47	21°23'11	6°52	1°16	15° 3	9°18	24°14	6°23	12°27	7°30	9°20	18°R15	18°20	18°21	17° 1	S 12
S 13	15 22 44	22°21'28	18°43	2°58	16°17	9°56	24° 9	6°26	12°30	7°32	9°21	18°R15	18°17	18°27	17° 1	S 13
M14	15 26 40	23°19'44	0°36	4°41	17°30	10°33	24° 3	6°30	12°33	7°34	9°21	18°R16	18°14	18°34	17° 0	M14
T 15	15 30 37	24°17'58	12°33	6°26	18°43	11°11	23°58	6°34	12°36	7°35	9°22	18°R16	18°11	18°41	17° 0	T 15
W16	15 34 33	25°16'10	24°39	8°13	19°56	11°49	23°52	6°38	12°39	7°37	9°22	18°R17	18° 7	18°48	17°D 0	W16
T 17	15 38 30	26°14'21	6°56	10° 2	21° 9	12°26	23°46	6°42	12°41	7°39	9°23	18°R17	18° 4	18°54	17° 0	T 17
F 18	15 42 27	27°12'31	19°26	11°53	22°22	13° 4	23°40	6°46	12°44	7°40	9°24	18°R18	18° 1	19° 1	17° 0	F 18
S 19	15 46 23	28°10'39	2°11	13°46	23°35	13°42	23°34	6°51	12°47	7°42	9°24	18°R17	17°58	19° 8	17° 1	S 19
S 20	15 50 20	29° 8'45	15°10	15°40	24°48	14°20	23°28	6°55	12°49	7°43	9°25	18°R16	17°55	19°14	17° 1	S 20
M21	15 54 16	0°11' 6'50	28°25	17°36	26° 0	14°57	23°21	6°59	12°52	7°45	9°26	18°R15	17°51	19°21	17° 1	M21
T 22	15 58 13	1° 4'53	11°53	19°34	27°13	15°35	23°15	7° 4	12°54	7°47	9°27	18°R14	17°48	19°28	17° 2	T 22
W23	16 2 9	2° 2'54	25°34	21°34	28°26	16°13	23° 8	7° 8	12°57	7°48	9°27	18°R12	17°45	19°34	17° 3	W23
T 24	16 6 6	3° 0'54	9°26	23°36	29°39	16°50	23° 1	7°13	12°59	7°50	9°28	18°R10	17°42	19°41	17° 4	T 24
F 25	16 10 2	3°58'51	23°27	25°39	0°51	17°28	22°55	7°18	13° 2	7°51	9°29	18° 9	17°39	19°48	17° 5	F 25
S 26	16 13 59	4°56'47	7°36	27°44	2° 4	18° 6	22°48	7°23	13° 4	7°52	9°30	18°D 9	17°36	19°55	17° 6	S 26
S 27	16 17 56	5°54'41	21°51	29°50	3°16	18°43	22°41	7°28	13° 7	7°54	9°31	18°R10	17°32	20° 1	17° 7	S 27
M28	16 21 52	6°52'33	6° 9	1°58	4°29	19°21	22°34	7°33	13° 9	7°55	9°31	18°R11	17°29	20° 8	17° 8	M28
T 29	16 25 49	7°50'23	20°27	4° 7	5°41	19°59	22°27	7°38	13°11	7°57	9°32	18°R12	17°26	20°15	17° 9	T 29
W30	16 29 45	8°48'12	4°43	6°17	6°54	20°36	22°20	7°43	13°14	7°58	9°33	18°R13	17°23	20°21	17°11	W30
T 31	16 33 42	9°46'00	18°51	8°28	8° 6	21°14	22°12	7°48	13°16	7°59	9°34	18°R14	17°20	20°28	17°13	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	14n58	7s11	3s14	3n13	2s46	20n38	0n14	24n41	1n21	22s31	0n44	19n16	0n32	4n 4	0s41	1n43	1s13
W 2	15 16	11 42	2 3	3 43	2 47	20 55	0 17	24 40	1 21	22 31	0 44	19 15	0 32	4 5	0 41	1 44	1 13
T 3	15 34	15 28	0 46	4 14	2 47	21 12	0 19	24 39	1 21	22 31	0 44	19 15	0 32	4 6	0 41	1 45	1 13
F 4	15 52	18 14	0n34	4 46	2 47	21 28	0 22	24 38	1 21	22 31	0 44	19 14	0 32	4 7	0 41	1 45	1 13
S 5	16 9	19 49	1 49	5 19	2 47	21 43	0 25	24 36	1 21	22 31	0 44	19 13	0 32	4 8	0 41	1 46	1 13
S 6	16 26	20 10	2 57	5 53	2 45	21 58	0 27	24 35	1 21	22 30	0 44	19 12	0 32	4 9	0 41	1 47	1 13
M 7	16 43	19 23	3 52	6 28	2 44	22 12	0 30	24 33	1 21	22 30	0 44	19 12	0 32	4 11	0 41	1 47	1 13
T 8	16 59	17 35	4 35	7 4	2 42	22 26	0 33	24 31	1 21	22 30	0 44	19 11	0 32	4 12	0 41	1 48	1 13
W 9	17 16	15 10	5 3	7 40	2 39	22 39	0 35	24 29	1 21	22 30	0 44	19 10	0 32	4 13	0 41	1 49	1 13
T 10	17 31	11 49	5 16	8 17	2 35	22 51	0 38	24 27	1 21	22 30	0 44	19 9	0 32	4 14	0 41	1 50	1 13
F 11	17 47	8 12	5 15	8 55	2 32	23 3	0 41	24 25	1 21	22 30	0 44	19 8	0 32	4 15	0 41	1 50	1 13
S 12	18 2	4 18	5 1	9 34	2 27	23 14	0 43	24 22	1 21	22 29	0 44	19 8	0 32	4 16	0 41	1 51	1 13
S 13	18 17	0 15	4 34	10 13	2 23	23 24	0 46	24 19	1 21	22 29	0 44	19 7	0 32	4 17	0 41	1 52	1 13
M14	18 32	3n50	3 55	10 53	2 17	23 34	0 48	24 16	1 21	22 29	0 44	19 6	0 32	4 18	0 41	1 52	1 13
T 15	18 46	7 47	3 6	11 33	2 11	23 43	0 51	24 13	1 21	22 29	0 44	19 5	0 32	4 19	0 42	1 53	1 13
W16	19 1	11 29	2 7	12 13	2 5	23 51	0 53	24 10	1 21	22 28	0 44	19 4	0 32	4 20	0 42	1 53	1 13
T 17	19 14	14 46	1 3	12 54	1 58	23 59	0 56	24 6	1 21	22 28	0 44	19 3	0 32	4 21	0 42	1 54	1 13
F 18	19 28	17 25	0s 6	13 35	1 51	24 6	0 58	24 3	1 20	22 28	0 44	19 2	0 32	4 22	0 42	1 55	1 13
S 19	19 41	19 16	1 16	14 16	1 43	24 12	1 1	23 59	1 20	22 28	0 44	19 1	0 32	4 23	0 42	1 55	1 13
S 20	19 53	20 9	2 23	14 57	1 35	24 18	1 3	23 55	1 20	22 27	0 44	19 0	0 32	4 24	0 42	1 56	1 13
M21	20 6	19 56	3 24	15 38	1 27	24 23	1 5	23 51	1 20	22 27	0 44	18 59	0 32	4 25	0 42	1 56	1 13
T 22	20 18	18 35	4 15	16 19	1 18	24 27	1 8	23 46	1 20	22 27	0 44	18 58	0 32	4 26	0 42	1 57	1 13
W23	20 30	16 10	4 52	16 59	1 8	24 30	1 10	23 42	1 20	22 27	0 44	18 56	0 32	4 27	0 42	1 58	1 13
T 24	20 41	12 48	5 12	17 39	0 59	24 33	1 12	23 37	1 20	22 26	0 44	18 55	0 33	4 28	0 42	1 58	1 13
F 25	20 52	8 41	5 15	18 18	0 49	24 35	1 14	23 32	1 20	22 26	0 44	18 54	0 33	4 29	0 42	1 59	1 13
S 26	21 2	4 4	4 58	18 57	0 39	24 36	1 16	23 27	1 20	22 26	0 44	18 53	0 33	4 30	0 42	1 59	1 13
S 27	21 13	0s49	4 23	19 34	0 29	24 37	1 19	23 22	1 20	22 25	0 43	18 52	0 33	4 31	0 42	2 0	1 13
M28	21 23	5 41	3 32	20 11	0 18	24 37	1 21	23 16	1 20	22 25	0 43	18 50	0 33	4 32	0 42	2 0	1 14
T 29	21 32	10 14	2 27	20 46	0 8	24 36	1 23	23 11	1 20	22 25	0 43	18 49	0 33	4 33	0 42	2 1	1 14
W30	21 41	14 12	1 14	21 19	0n 3	24 35	1 25	23 5	1 20	22 24	0 43	18 48	0 33	4 34	0 42	2 1	1 14
T 31	21n50	17s19	0n 3	21n51	0n13	24n33	1n27	22n59	1n19	22s24	0n43	18n47	0n33	4n34	0s42	2n 2	1s14

Julian Day Number = 2701125.5, Delta T = 25m59s

Ecliptic obliquity = 23°20'56, Nutation = 0°00'12

Ayanamsha: Fagan/Bradley = 34°17'59, Lahiri = 33°24'58

# ASTRODIENST EPHEMERIS for the year 2683

JUNE 2683

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 37 38	10II43'45	2♂50	10II39	9♂19	21♂52	22°R 5	7♂53	13♂18	8♂1	9♂35	18°R13	17♂17	20♂35	17♂14	F 1
S 2	16 41 35	11°41'30	16°34	12°51	10°31	22°29	21♂58	7°59	13°20	8°2	9°36	18♂11	17°13	20°41	17°16	S 2
S 3	16 45 31	12°39'13	0♂1	15°2	11°43	23°7	21°50	8°4	13°22	8°3	9°37	18°8	17°10	20°48	17°18	S 3
M 4	16 49 28	13°36'55	13°11	17°14	12°55	23°45	21°43	8°10	13°24	8°4	9°38	18°5	17°7	20°55	17°20	M 4
T 5	16 53 25	14°34'36	26°1	19°25	14°8	24°22	21°35	8°15	13°26	8°5	9°39	18°1	17°4	21°2	17°22	T 5
W 6	16 57 21	15°32'16	8♂33	21°35	15°20	25°0	21°28	8°21	13°28	8°7	9°40	17°57	17°1	21°8	17°24	W 6
T 7	17 1 18	16°29'55	20°50	23°45	16°32	25°37	21°20	8°27	13°30	8°8	9°41	17°53	16°57	21°15	17°27	T 7
F 8	17 5 14	17°27'32	2♂54	25°53	17°44	26°15	21°13	8°32	13°32	8°9	9°42	17°51	16°54	21°22	17°29	F 8
S 9	17 9 11	18°25'09	14°49	27°59	18°56	26°53	21°5	8°38	13°34	8°10	9°44	17°D50	16°51	21°28	17°32	S 9
S 10	17 13 7	19°22'45	26°41	0♂4	20°8	27°30	20°57	8°44	13°36	8°11	9°45	17°50	16°48	21°35	17°34	S 10
M11	17 17 4	20°20'20	8♂34	2°7	21°19	28°8	20°50	8°50	13°38	8°12	9°46	17°51	16°45	21°42	17°37	M11
T 12	17 21 0	21°17'55	20°33	4°8	22°31	28°46	20°42	8°56	13°40	8°13	9°47	17°53	16°42	21°48	17°40	T 12
W13	17 24 57	22°15'28	2♂42	6°6	23°43	29°23	20°34	9°2	13°41	8°14	9°48	17°55	16°38	21°55	17°43	W13
T 14	17 28 54	23°13'01	15°6	8°3	24°55	0♂1	20°27	9°8	13°43	8°15	9°49	17°R55	16°35	22°2	17°46	T 14
F 15	17 32 50	24°10'33	27°47	9°57	26°6	0°38	20°19	9°15	13°45	8°16	9°51	17°55	16°32	22°9	17°49	F 15
S 16	17 36 47	25°8'04	10II48	11°48	27°18	1°16	20°11	9°21	13°46	8°16	9°52	17°53	16°29	22°15	17°53	S 16
S 17	17 40 43	26°5'34	24°9	13°37	28°30	1°54	20°4	9°27	13°48	8°17	9°53	17°49	16°26	22°22	17°56	S 17
M18	17 44 40	27°3'03	7♂49	15°23	29°41	2°31	19°56	9°34	13°49	8°18	9°54	17°44	16°23	22°29	18°0	M18
T 19	17 48 36	28°0'32	21°44	17°7	0♂53	3°9	19°49	9°40	13°51	8°19	9°56	17°38	16°19	22°35	18°3	T 19
W20	17 52 33	28°57'59	5♂51	18°48	2°4	3°46	19°41	9°46	13°52	8°19	9°57	17°31	16°16	22°42	18°7	W20
T 21	17 56 30	29°55'25	20°6	20°27	3°15	4°24	19°34	9°53	13°54	8°20	9°58	17°26	16°13	22°49	18°11	T 21
F 22	18 0 26	0♂52'51	4♂23	22°3	4°27	5°2	19°26	9°59	13°55	8°21	10°0	17°22	16°10	22°55	18°14	F 22
S 23	18 4 23	1°50'15	18°40	23°36	5°38	5°39	19°19	10°6	13°56	8°21	10°1	17°19	16°7	23°2	18°18	S 23
S 24	18 8 19	2°47'38	2♂52	25°6	6°49	6°17	19°12	10°13	13°57	8°22	10°2	17°D18	16°3	23°9	18°22	S 24
M25	18 12 16	3°45'00	16°59	26°34	8°0	6°55	19°5	10°20	13°59	8°22	10°4	17°19	16°0	23°16	18°27	M25
T 26	18 16 12	4°42'21	0♂59	27°58	9°11	7°32	18°57	10°26	14°0	8°23	10°5	17°20	15°57	23°22	18°31	T 26
W27	18 20 9	5°39'41	14°50	29°20	10°22	8°10	18°50	10°33	14°1	8°23	10°7	17°R21	15°54	23°29	18°35	W27
T 28	18 24 5	6°37'00	28°33	0♂40	11°33	8°47	18°43	10°40	14°2	8°24	10°8	17°20	15°51	23°36	18°40	T 28
F 29	18 28 2	7°34'19	12♂5	1°56	12°44	9°25	18°36	10°47	14°3	8°24	10°9	17°18	15°48	23°42	18°44	F 29
S 30	18 31 59	8♂31'37	25♂27	3♂9	13♂55	10♂3	18♂30	10♂54	14♂4	8♂25	10♂11	17♂13	15♂44	23♂49	18♂49	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	21n58	19s21	1n20	22n21	0n24	24n30	1n28	22n53	1n19	22s24	0n43	18n45	0n33	4n35	0s42	2n2
S 2	22 6 20	11 2	2 30	22 49	0 34	24 26	1 30	22 47	1 19	22 23	0 43	18 44	0 33	4 36	0 42	2 3
S 3	22 14 19	51 3	3 30	23 15	0 44	24 22	1 32	22 41	1 19	22 23	0 43	18 43	0 33	4 37	0 42	2 3
M 4	22 21 18	26 4	4 17	23 38	0 54	24 17	1 34	22 34	1 19	22 23	0 43	18 41	0 33	4 38	0 42	2 3
T 5	22 28 16	6 4	5 13	23 58	1 3	24 11	1 35	22 27	1 19	22 22	0 43	18 40	0 33	4 38	0 42	2 4
W 6	22 34 13	5 5	5 9	24 16	1 12	24 5	1 37	22 21	1 19	22 22	0 43	18 38	0 33	4 39	0 42	2 4
T 7	22 40 9	33 5	5 13	24 32	1 20	23 58	1 39	22 14	1 19	22 22	0 43	18 37	0 33	4 40	0 42	2 5
F 8	22 46 5 41	5 3	5 3	24 44	1 27	23 50	1 40	22 6	1 19	22 21	0 42	18 35	0 33	4 41	0 42	2 5
S 9	22 51 1 39	4 39	4 39	24 54	1 34	23 42	1 41	21 59	1 18	22 21	0 42	18 34	0 33	4 41	0 42	2 5
S 10	22 56 2n26	4 4	4 25	2 1	41 23	32 1	43 21	52 1	18 22	20 0	42 18	33 0	33 4	42 4	42 2	6
M11	23 0 6 26	3 19	25 6	1 46	23 23	1 44	21 44	1 18	22 20	0 42	18 31	0 33	4 43	0 42	2 6	1
T 12	23 4 10	13 2	24 25	8 1	51 23	12 1	45 21	36 1	18 22	19 0	42 18	29 0	33 4	43 0	42 2	7
W13	23 7 13	39 1	22 25	8 1	55 23	1 1	46 21	28 1	18 22	19 0	42 18	28 0	33 4	44 0	42 2	7
T 14	23 11 16	33 0	15 25	5 1	59 22	50 1	47 21	20 1	18 22	19 0	42 18	26 0	33 4	45 0	42 2	7
F 15	23 13 18	43 0	s54	24 59	2 1	22 37	1 48	21 12	1 18	22 18	0 42	18 25	0 33	4 45	0 42	2 7
S 16	23 16 19	59 2	1 24	52 2	3 22	24 1	49 21	4 1	17 22	18 0	42 18	23 0	33 4	46 0	42 2	8
S 17	23 17 20	9 3	4 4	24 43	2 4	22 11	1 50	20 55	1 17	22 17	0 41	18 21	0 34	4 46	0 42	2 8
M18	23 19 19	10 3	5 38	24 31	2 4	21 57	1 51	20 47	1 17	22 17	0 41	18 20	0 34	4 47	0 42	2 8
T 19	23 20 17	1 4	4 39	24 18	2 4	21 42	1 52	20 38	1 17	22 17	0 41	18 18	0 34	4 47	0 42	2 9
W20	23 21 13	50 5	3 24	3 2	2 21	27 1	52 20	29 1	17 22	16 0	41 18	17 0	34 4	48 0	42 2	9
T 21	23 21 9	50 5	5 9	23 47	2 0	21 11	1 53	20 20	1 17	22 16	0 41	18 15	0 34	4 49	0 42	2 9
F 22	23 21 5 16	4 56	23 29	1 57	20 55	1 53	20 11	1 17	22 15	0 41	18 13	0 34	4 49	0 42	2 9	1
S 23	23 20 0	25 4	24 23	10 1	54 20	38 1	54 20	1 1	16 22	15 0	41 18	11 0	34 4	49 0	43 2	9
S 24	23 19 4s27	3 37	22 50	1 50	20 20	1 54	19 52	1 16	22 14	0 40	18 10	0 34	4 50	0 43	2 10	1
M25	23 18 9 3	2 37	22 28	1 45	20 2	1 54	19 42	1 16	22 14	0 40	18 8	0 34	4 50	0 43	2 10	1
T 26	23 16 13	8 1	27 22	6 1	39 19	44 1	54 19	32 1	16 22	13 0	40 18	6 0	34 4	51 0	43 2	10
W27	23 14 16	27 0	14 21	43 1	32 19	24 1	54 19	23 1	16 22	13 0	40 18	4 0	34 4	51 0	43 2	10
T 28	23 11 18	47 1n	0 21	19 1	25 19	5 1	54 19	13 1	16 22	13 0	40 18	2 0	34 4	52 0	43 2	10
F 29	23 8 20	1 2	9 20	55 1	18 18	45 1	54 19	2 1	15 22	12 0	40 18	1 0	34 4	52 0	43 2	10
S 30	23n 5	20s 6	3n10	20n30	1n 9	18n24	1n54	18n52	1n15	22s12	0n40	17n59	0n34	4n52	0s43	2n10

Julian Day Number = 2701156.5, Delta T = 26m00s  
 Ecliptic obliquity = 23°20'55, Nutation = 0°00'12  
 Ayanamsha: Fagan/Bradley = 34°18'03, Lahiri = 33°25'03

## ASTRODIENST EPHEMERIS for the year 2683

JULY 2683

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 35 55	9 <sup>52</sup> 28'54	8 <sup>36</sup>	4 <sup>19</sup> 19	15 <sup>52</sup> 5	10 <sup>40</sup> 40	18°R23	11 <sup>12</sup> 1	14 <sup>17</sup> 5	8 <sup>25</sup>	10 <sup>12</sup> 12	17°R 6	15 <sup>14</sup> 41	23 <sup>16</sup> 56	18 <sup>17</sup> 53	S 1
M 2	18 39 52	10°26'11	21°30	5°27	16°16	11°18	18 <sup>17</sup> 16	11° 8	14° 6	8°25	10°14	16 <sup>16</sup> 57	15°38	24° 2	18°58	M 2
T 3	18 43 48	11°23'28	4 <sup>11</sup>	6°31	17°26	11°55	18°10	11°15	14° 7	8°26	10°15	16°48	15°35	24° 9	19° 3	T 3
W 4	18 47 45	12°20'44	16°37	7°32	18°37	12°33	18° 3	11°22	14° 7	8°26	10°17	16°38	15°32	24°16	19° 8	W 4
T 5	18 51 41	13°17'59	28°50	8°29	19°47	13°11	17°57	11°29	14° 8	8°26	10°18	16°30	15°29	24°22	19°13	T 5
F 6	18 55 38	14°15'15	10 <sup>16</sup> 52	9°24	20°57	13°48	17°51	11°36	14° 9	8°26	10°20	16°23	15°25	24°29	19°18	F 6
S 7	18 59 34	15°12'30	22°46	10°14	22° 8	14°26	17°45	11°43	14° 9	8°27	10°21	16°18	15°22	24°36	19°23	S 7
S 8	19 3 31	16° 9'45	4 <sup>17</sup> 37	11° 1	23°18	15° 3	17°39	11°51	14°10	8°27	10°23	16°15	15°19	24°43	19°29	S 8
M 9	19 7 28	17° 7'01	16°29	11°45	24°28	15°41	17°33	11°58	14°10	8°27	10°25	16°D15	15°16	24°49	19°34	M 9
T 10	19 11 24	18° 4'16	28°27	12°24	25°38	16°19	17°27	12° 5	14°11	8°27	10°26	16°15	15°13	24°56	19°39	T 10
W 11	19 15 21	19° 1'31	10 <sup>18</sup> 37	13° 0	26°48	16°56	17°21	12°12	14°11	8°27	10°28	16°R16	15° 9	25° 3	19°45	W 11
T 12	19 19 17	19°58'47	23° 3	13°32	27°57	17°34	17°16	12°20	14°12	8°R27	10°29	16°16	15° 6	25° 9	19°51	T 12
F 13	19 23 14	20°56'02	5 <sup>11</sup> 50	13°59	29° 7	18°11	17°11	12°27	14°12	8°27	10°31	16°14	15° 3	25°16	19°56	F 13
S 14	19 27 10	21°53'18	19° 1	14°22	0 <sup>17</sup> 17	18°49	17° 6	12°35	14°12	8°27	10°32	16°10	15° 0	25°23	20° 2	S 14
S 15	19 31 7	22°50'34	2 <sup>56</sup> 37	14°41	1°26	19°27	17° 0	12°42	14°13	8°27	10°34	16° 3	14°57	25°29	20° 8	S 15
M 16	19 35 3	23°47'50	16°36	14°55	2°36	20° 4	16°56	12°50	14°13	8°27	10°36	15°55	14°54	25°36	20°14	M 16
T 17	19 39 0	24°45'05	0 <sup>16</sup> 56	15° 5	3°45	20°42	16°51	12°57	14°13	8°26	10°37	15°45	14°50	25°43	20°20	T 17
W 18	19 42 57	25°42'21	15°30	15°10	4°55	21°20	16°46	13° 5	14°13	8°26	10°39	15°35	14°47	25°49	20°26	W 18
T 19	19 46 53	26°39'37	0 <sup>17</sup> 10	15°R10	6° 4	21°57	16°42	13°12	14°R13	8°26	10°40	15°25	14°44	25°56	20°32	T 19
F 20	19 50 50	27°36'52	14°50	15° 5	7°13	22°35	16°38	13°20	14°13	8°26	10°42	15°17	14°41	26° 3	20°38	F 20
S 21	19 54 46	28°34'07	29°23	14°56	8°22	23°13	16°33	13°27	14°13	8°25	10°44	15°12	14°38	26° 9	20°44	S 21
S 22	19 58 43	29°31'22	13 <sup>14</sup> 44	14°42	9°31	23°50	16°30	13°35	14°13	8°25	10°45	15°10	14°34	26°16	20°51	S 22
M 23	20 2 39	0 <sup>10</sup> 28'37	27°51	14°24	10°40	24°28	16°26	13°42	14°13	8°25	10°47	15°D 9	14°31	26°23	20°57	M 23
T 24	20 6 36	1°25'52	11 <sup>14</sup> 43	14° 2	11°48	25° 6	16°22	13°50	14°13	8°24	10°49	15°R 9	14°28	26°30	21° 3	T 24
W 25	20 10 32	2°23'07	25°20	13°35	12°57	25°43	16°19	13°58	14°12	8°24	10°50	15° 9	14°25	26°36	21°10	W 25
T 26	20 14 29	3°20'22	8 <sup>14</sup> 44	13° 5	14° 5	26°21	16°15	14° 5	14°12	8°24	10°52	15° 7	14°22	26°43	21°16	T 26
F 27	20 18 26	4°17'37	21°56	12°31	15°14	26°59	16°12	14°13	14°12	8°23	10°54	15° 3	14°19	26°50	21°23	F 27
S 28	20 22 22	5°14'52	4 <sup>13</sup> 55	11°55	16°22	27°36	16° 9	14°21	14°11	8°23	10°55	14°56	14°15	26°56	21°30	S 28
S 29	20 26 19	6°12'07	17°44	11°17	17°30	28°14	16° 7	14°28	14°11	8°22	10°57	14°46	14°12	27° 3	21°37	S 29
M 30	20 30 15	7° 9'23	0 <sup>17</sup> 21	10°37	18°38	28°52	16° 4	14°36	14°10	8°21	10°59	14°34	14° 9	27°10	21°43	M 30
T 31	20 34 12	8°16'39	12 <sup>17</sup> 48	9°16	19°46	29°13	16°12	14°44	14°10	8°21	11°10	14°21	14°16	27°16	21°50	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	23n 1	19s 5	4n 0	20n 5	1n 0	18n 3	1n53	18n42	1n15	22s11	0n39	17n57	0n34	4n53	0s43	S 1
M 2	22 56	17 5	4 36	19 40	0 51	17 42	1 53	18 31	1 15	22 11	0 39	17 55	0 34	4 53	0 43	M 2
T 3	22 52	14 19	4 58	19 14	0 41	17 20	1 52	18 21	1 15	22 11	0 39	17 53	0 34	4 53	0 43	T 3
W 4	22 47	10 56	5 5	18 48	0 30	16 58	1 52	18 10	1 14	22 10	0 39	17 51	0 34	4 53	0 43	W 4
T 5	22 41	7 10	4 58	18 22	0 19	16 35	1 51	17 59	1 14	22 10	0 39	17 49	0 34	4 54	0 43	T 5
F 6	22 35	3 10	4 38	17 57	0 7	16 12	1 50	17 48	1 14	22 9	0 39	17 47	0 34	4 54	0 43	F 6
S 7	22 29	0n55	4 6	17 31	0s 5	15 49	1 49	17 37	1 14	22 9	0 38	17 46	0 35	4 54	0 43	S 7
S 8	22 22	4 57	3 24	17 6	0 18	15 25	1 49	17 26	1 14	22 9	0 38	17 44	0 35	4 54	0 43	S 8
M 9	22 15	8 48	2 32	16 42	0 31	15 0	1 47	17 15	1 13	22 8	0 38	17 42	0 35	4 54	0 43	M 9
T 10	22 8	12 21	1 34	16 18	0 45	14 36	1 46	17 3	1 13	22 8	0 38	17 40	0 35	4 55	0 43	T 10
W 11	22 0	15 26	0 30	15 54	0 59	14 11	1 45	16 52	1 13	22 8	0 38	17 38	0 35	4 55	0 43	W 11
T 12	21 52	17 53	0s36	15 31	1 14	13 46	1 44	16 40	1 13	22 7	0 37	17 36	0 35	4 55	0 43	T 12
F 13	21 44	19 31	1 42	15 10	1 28	13 20	1 42	16 28	1 13	22 7	0 37	17 34	0 35	4 55	0 43	F 13
S 14	21 35	20 9	2 45	14 49	1 43	12 54	1 41	16 16	1 12	22 7	0 37	17 32	0 35	4 55	0 43	S 14
S 15	21 25	19 39	3 40	14 29	1 58	12 28	1 39	16 5	1 12	22 6	0 37	17 30	0 35	4 55	0 43	S 15
M 16	21 16	17 57	4 24	14 10	2 14	12 1	1 37	15 52	1 10	22 6	0 37	17 28	0 35	4 55	0 43	M 16
T 17	21 6	15 7	4 52	13 53	2 29	11 35	1 35	15 40	1 12	22 6	0 36	17 26	0 35	4 55	0 43	T 17
W 18	20 55	11 19	5 2	13 37	2 44	11 7	1 33	15 28	1 12	22 6	0 36	17 23	0 35	4 55	0 43	W 18
T 19	20 45	6 48	4 52	13 22	2 59	10 40	1 31	15 16	1 11	22 5	0 36	17 21	0 35	4 55	0 43	T 19
F 20	20 34	1 54	4 23	13 10	3 14	10 13	1 29	15 3	1 11	22 5	0 36	17 19	0 35	4 55	0 43	F 20
S 21	20 22	3s 5	3 38	12 59	3 28	9 45	1 27	14 51	1 11	22 5	0 36	17 17	0 35	4 55	0 43	S 21
S 22	20 10	7 50	2 38	12 49	3 42	9 17	1 25	14 38	1 11	22 5	0 36	17 15	0 36	4 55	0 43	S 22
M 23	19 58	12 5	1 30	12 42	3 55	8 49	1 22	14 25	1 10	22 4	0 35	17 13	0 36	4 55	0 43	M 23
T 24	19 46	15 35	0 18	12 36	4 7	8 20	1 20	14 13	1 10	22 4	0 35	17 11	0 36	4 55	0 43	T 24
W 25	19 33	18 9	0n54	12 33	4 19	7 52	1 17	14 0	1 10	22 4	0 35	17 9	0 36	4 55	0 44	W 25
T 26	19 20	19 40	2 1	12 31	4 29	7 23	1 14	13 47	1 10	22 4	0 35	17 7	0 36	4 55	0 44	T 26
F 27	19 7	20 5	3 1	12 31	4 39	6 54	1 12	13 34	1 9	22 4	0 35	17 4	0 36	4 54	0 44	F 27
S 28	18 53	19 25	3 51	12 34	4 47	6 25	1 9	13 21	1 9	22 4	0 34	17 2	0 36	4 54	0 44	S 28
S 29	18 39	17 45	4 28	12 38	4 53	5 56	1 6	13 7	1 9	22 4	0 34	17 0	0 36	4 54	0 44	S 29
M 30	18 25	15 15	4 51	12 44	4 58	5 27	1 3	12 54	1 9	22 4	0 34	16 58	0 36	4 54	0 44	M 30
T 31	18n10	12s 6	5n 0	12n51	5s 1	4n57	0n59	12n41	1n 8	22s 4	0n34	16n56	0n36	4n54	0s44	T 31

Julian Day Number = 2701186.5, Delta T = 26m00s

Ecliptic obliquity = 23°20'55, Nutation = 0°00'13

Ayanamsha: Fagan/Bradley = 34°18'07, Lahiri = 33°25'07

## ASTRODIENST EPHEMERIS for the year 2683

AUGUST 2683

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 38 8	9♌ 3°55	25♋ 3	9°R15	20♍53	0♍ 7	15°R59	14♌51	14°R 9	8°R20	11♌ 2	14°R 8	14♌ 3	27♋23	21♍57	W 1
T 2	20 42 5	10° 1°12	7♋ 9	8♌34	22° 1	0°45	15°♌57	14°59	14°Y 9	8°Y20	11° 4	13♌56	14° 0	27°30	22° 4	T 2
F 3	20 46 1	10°58'29	19° 7	7°54	23° 8	1°23	15°56	15° 7	14° 8	8°19	11° 5	13°46	13°56	27°36	22°11	F 3
S 4	20 49 58	11°55'47	0°Y58	7°16	24°16	2° 0	15°54	15°15	14° 7	8°18	11° 7	13°38	13°53	27°43	22°18	S 4
S 5	20 53 55	12°53'06	12°47	6°41	25°23	2°38	15°52	15°22	14° 7	8°17	11° 9	13°33	13°50	27°50	22°25	S 5
M 6	20 57 51	13°50'26	24°37	6°10	26°30	3°16	15°51	15°30	14° 6	8°17	11°10	13°31	13°47	27°56	22°33	M 6
T 7	21 1 48	14°47'46	6♋34	5°42	27°37	3°54	15°50	15°38	14° 5	8°16	11°12	13°30	13°44	28° 3	22°40	T 7
W 8	21 5 44	15°45'08	18°42	5°18	28°44	4°31	15°49	15°46	14° 4	8°15	11°14	13°30	13°40	28°10	22°47	W 8
T 9	21 9 41	16°42'30	1♐ 7	5° 0	29°50	5° 9	15°48	15°53	14° 3	8°14	11°15	13°29	13°37	28°17	22°54	T 9
F 10	21 13 37	17°39'54	13°53	4°47	0♌57	5°47	15°48	16° 1	14° 2	8°13	11°17	13°28	13°34	28°23	23° 2	F 10
S 11	21 17 34	18°37'18	27° 6	4°39	2° 3	6°25	15°47	16° 9	14° 1	8°12	11°19	13°24	13°31	28°30	23° 9	S 11
S 12	21 21 30	19°34'44	10♋47	4°D38	3° 9	7° 3	15°47	16°17	14° 0	8°11	11°20	13°17	13°28	28°37	23°17	S 12
M13	21 25 27	20°32'10	24°56	4°43	4°15	7°41	15°D47	16°24	13°59	8°10	11°22	13° 8	13°25	28°43	23°24	M13
T 14	21 29 24	21°29'38	9♌30	4°54	5°21	8°18	15°47	16°32	13°58	8° 9	11°24	12°57	13°21	28°50	23°32	T 14
W15	21 33 20	22°27'06	24°23	5°11	6°26	8°56	15°47	16°40	13°57	8° 8	11°25	12°46	13°18	28°57	23°40	W15
T 16	21 37 17	23°24'36	9♍25	5°35	7°32	9°34	15°48	16°48	13°55	8° 7	11°27	12°36	13°15	29° 3	23°47	T 16
F 17	21 41 13	24°22'06	24°27	6° 6	8°37	10°12	15°49	16°55	13°54	8° 6	11°29	12°28	13°12	29°10	23°55	F 17
S 18	21 45 10	25°19'36	9♌20	6°43	9°42	10°50	15°49	17° 3	13°53	8° 5	11°30	12°22	13° 9	29°17	24° 3	S 18
S 19	21 49 6	26°17'08	23°57	7°27	10°47	11°28	15°50	17°11	13°51	8° 4	11°32	12°19	13° 6	29°23	24°10	S 19
M20	21 53 3	27°14'40	8♌13	8°17	11°52	12° 6	15°52	17°18	13°50	8° 3	11°34	12°D18	13° 2	29°30	24°18	M20
T 21	21 56 59	28°12'13	22° 8	9°13	12°56	12°44	15°53	17°26	13°49	8° 2	11°35	12°R18	12°59	29°37	24°26	T 21
W22	22 0 56	29° 9'47	5♌42	10°16	14° 0	13°22	15°55	17°34	13°47	8° 1	11°37	12°18	12°56	29°43	24°34	W22
T 23	22 4 53	0♍ 7'22	18°57	11°24	15° 4	14° 0	15°57	17°41	13°46	7°59	11°38	12°17	12°53	29°50	24°42	T 23
F 24	22 8 49	1° 4'57	1♋56	12°39	16° 8	14°38	15°59	17°49	13°44	7°58	11°40	12°13	12°50	29°57	24°50	F 24
S 25	22 12 46	2° 2'34	14°40	13°58	17°12	15°15	16° 1	17°56	13°42	7°57	11°42	12° 7	12°46	0°Y 3	24°58	S 25
S 26	22 16 42	3° 0'11	27°12	15°23	18°15	15°53	16° 3	18° 4	13°41	7°56	11°43	11°58	12°43	0°10	25° 6	S 26
M27	22 20 39	3°57'50	9♋34	16°53	19°18	16°31	16° 6	18°12	13°39	7°54	11°45	11°48	12°40	0°17	25°14	M27
T 28	22 24 35	4°55'29	21°47	18°28	20°21	17° 9	16° 8	18°19	13°37	7°53	11°46	11°36	12°37	0°24	25°22	T 28
W29	22 28 32	5°53'10	3♋52	20° 6	21°24	17°47	16°11	18°27	13°36	7°52	11°48	11°24	12°34	0°30	25°30	W29
T 30	22 32 28	6°50'51	15°50	21°49	22°26	18°26	16°14	18°34	13°34	7°50	11°50	11°12	12°31	0°37	25°38	T 30
F 31	22 36 25	7♍48'35	27♋43	23♌35	23♌28	19♍ 4	16°♌17	18♌42	13°Y32	7°Y49	11♌51	11♌ 3	12♌27	0°Y44	25♍46	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	17n55	8s29	4n55	13n 0	5s 3	4n28	0n56	12n27	1n 8	22s 4	0n34	16n54	0n36	4n53	0s44	2n 7
T 2	17 40	4 34	4 36	13 11	5 2	3 58	0 53	12 14	1 8	22 4	0 33	16 51	0 36	4 53	0 44	2 7
F 3	17 25	0 31	4 6	13 23	5 0	3 28	0 49	12 0	1 8	22 4	0 33	16 49	0 36	4 53	0 44	2 7
S 4	17 9	3n31	3 25	13 36	4 57	2 58	0 46	11 46	1 7	22 4	0 33	16 47	0 36	4 53	0 44	2 6
S 5	16 53	7 25	2 35	13 50	4 51	2 28	0 42	11 32	1 7	22 4	0 33	16 45	0 37	4 52	0 44	2 6
M 6	16 37	11 2	1 38	14 4	4 44	1 58	0 38	11 19	1 7	22 4	0 33	16 43	0 37	4 52	0 44	2 6
T 7	16 20	14 14	0 37	14 19	4 36	1 28	0 35	11 5	1 7	22 4	0 32	16 40	0 37	4 52	0 44	2 5
W 8	16 3	16 53	0s28	14 34	4 26	0 58	0 31	10 51	1 6	22 4	0 32	16 38	0 37	4 51	0 44	2 5
T 9	15 46	18 48	1 32	14 49	4 14	0 28	0 27	10 37	1 6	22 4	0 32	16 36	0 37	4 51	0 44	2 4
F 10	15 29	19 50	2 33	15 5	4 2	0s 2	0 23	10 23	1 6	22 4	0 32	16 34	0 37	4 50	0 44	2 4
S 11	15 11	19 50	3 29	15 19	3 49	0 32	0 18	10 8	1 6	22 4	0 32	16 32	0 37	4 50	0 44	2 4
S 12	14 53	18 41	4 15	15 33	3 35	1 2	0 14	9 54	1 5	22 4	0 31	16 29	0 37	4 49	0 44	2 3
M13	14 35	16 22	4 46	15 47	3 20	1 32	0 10	9 40	1 5	22 5	0 31	16 27	0 37	4 49	0 44	2 3
T 14	14 17	12 58	5 0	15 59	3 4	2 2	0 5	9 26	1 5	22 5	0 31	16 25	0 37	4 49	0 44	2 2
W15	13 59	8 42	4 55	16 11	2 48	2 32	0 1	9 11	1 4	22 5	0 31	16 23	0 37	4 48	0 44	2 2
T 16	13 40	3 51	4 29	16 21	2 32	3 2	0s 4	8 57	1 4	22 5	0 31	16 20	0 37	4 48	0 44	2 2
F 17	13 21	1s15	3 45	16 29	2 16	3 32	0 8	8 42	1 4	22 6	0 30	16 18	0 38	4 47	0 44	2 1
S 18	13 2	6 13	2 45	16 36	1 59	4 2	0 13	8 28	1 4	22 6	0 30	16 16	0 38	4 47	0 44	2 1
S 19	12 42	10 44	1 36	16 41	1 42	4 32	0 18	8 13	1 3	22 6	0 30	16 14	0 38	4 46	0 44	2 0
M20	12 23	14 32	0 22	16 44	1 26	5 1	0 23	7 58	1 3	22 7	0 30	16 11	0 38	4 45	0 44	2 0
T 21	12 3	17 24	0n52	16 45	1 10	5 31	0 28	7 44	1 3	22 7	0 30	16 9	0 38	4 45	0 44	1 59
W22	11 43	19 11	2 1	16 44	0 54	6 1	0 33	7 29	1 2	22 7	0 29	16 7	0 38	4 44	0 44	1 59
T 23	11 23	19 53	3 2	16 40	0 39	6 30	0 38	7 14	1 2	22 8	0 29	16 5	0 38	4 44	0 44	1 58
F 24	11 3	19 29	3 51	16 34	0 24	6 59	0 43	6 59	1 2	22 8	0 29	16 2	0 38	4 43	0 44	1 58
S 25	10 42	18 5	4 29	16 25	0 9	7 28	0 48	6 44	1 2	22 8	0 29	16 0	0 38	4 42	0 44	1 57
S 26	10 22	15 51	4 53	16 14	0n 4	7 57	0 54	6 29	1 1	22 9	0 29	15 58	0 38	4 42	0 44	1 57
M27	10 1	12 56	5 2	15 59	0 17	8 26	0 59	6 14	1 1	22 9	0 28	15 56	0 39	4 41	0 44	1 56
T 28	9 40	9 29	4 58	15 42	0 29	8 55	1 4	5 59	1 1	22 10	0 28	15 54	0 39	4 40	0 44	1 56
W29	9 19	5 42	4 40	15 22	0 41	9 24	1 10	5 44	1 0	22 10	0 28	15 51	0 39	4 40	0 44	1 55
T 30	8 58	1 44	4 10	14 59	0 51	9 52	1 15	5 29	1 0	22 11	0 28	15 49	0 39	4 39	0 44	1 54
F 31	8n37	2n17	3n29	14n34	1n 1	10s20	1s21	5n14	1n 0	22s11	0n28	15n47	0n39	4n38	0s45	1n54

Julian Day Number = 2701217.5, Delta T = 26m01s

Ecliptic obliquity = 23°20'55", Nutation = 0°00'14"

Ayanamsha: Fagan/Bradley = 34°18'11", Lahiri = 33°25'11"

## ASTRODIENST EPHEMERIS for the year 2683

SEPTEMBER 2683

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 40 21	8 <sup>h</sup> 46'19"	9 <sup>h</sup> 32'	25 <sup>h</sup> 02'	24 <sup>h</sup> 30'	19 <sup>h</sup> 42'	16 <sup>h</sup> 21'	18 <sup>h</sup> 49'	13 <sup>h</sup> R30	7 <sup>h</sup> R48	11 <sup>h</sup> 053	10 <sup>h</sup> R56	12 <sup>h</sup> M24	0 <sup>h</sup> Y50	25 <sup>h</sup> 55'	S 1
S 2	22 44 18	9°44'05"	21°20'	27°16'	25°31'	20°20'	16°24'	18°57'	13 <sup>h</sup> Y28	7 <sup>h</sup> Y46	11°54'	10 <sup>h</sup> M52	12°21'	0°57'	26° 3'	S 2
M 3	22 48 15	10°41'53"	3 <sup>h</sup> 10'	29°10'	26°32'	20°58'	16°28'	19° 4'	13°27'	7°45'	11°56'	10°50'	12°18'	1° 4'	26°11'	M 3
T 4	22 52 11	11°39'42"	15° 7'	1 <sup>h</sup> 5	27°33'	21°36'	16°32'	19°11'	13°25'	7°43'	11°57'	10°D50	12°15'	1°10'	26°19'	T 4
W 5	22 56 8	12°37'33"	27°14'	3° 2'	28°34'	22°14'	16°36'	19°19'	13°23'	7°42'	11°59'	10°50'	12°12'	1°17'	26°28'	W 5
T 6	23 0 4	13°35'26"	9 <sup>h</sup> 38'	5° 0'	29°34'	22°52'	16°40'	19°26'	13°21'	7°40'	12° 0'	10°R51	12° 8'	1°24'	26°36'	T 6
F 7	23 4 1	14°33'20"	22°21'	6°58'	0 <sup>h</sup> M34	23°30'	16°45'	19°33'	13°19'	7°39'	12° 2'	10°51'	12° 5'	1°30'	26°44'	F 7
S 8	23 7 57	15°31'16"	5 <sup>h</sup> 30'	8°57'	1°34'	24° 8'	16°49'	19°41'	13°17'	7°37'	12° 3'	10°49'	12° 2'	1°37'	26°52'	S 8
S 9	23 11 54	16°29'14"	19° 7'	10°56'	2°33'	24°47'	16°54'	19°48'	13°15'	7°36'	12° 4'	10°45'	11°59'	1°44'	27° 1'	S 9
M10	23 15 50	17°27'14"	3 <sup>h</sup> 04'	12°55'	3°32'	25°25'	16°59'	19°55'	13°13'	7°34'	12° 6'	10°39'	11°56'	1°50'	27° 9'	M10
T 11	23 19 47	18°25'15"	17°48'	14°53'	4°30'	26° 3'	17° 4'	20° 2'	13°11'	7°33'	12° 7'	10°32'	11°52'	1°57'	27°18'	T 11
W12	23 23 44	19°23'19"	2 <sup>h</sup> 45'	16°51'	5°28'	26°41'	17° 9'	20° 9'	13° 8'	7°31'	12° 9'	10°24'	11°49'	2° 4'	27°26'	W12
T 13	23 27 40	20°21'23"	17°56'	18°48'	6°26'	27°20'	17°14'	20°16'	13° 6'	7°30'	12°10'	10°17'	11°46'	2°10'	27°34'	T 13
F 14	23 31 37	21°19'30"	3 <sup>h</sup> 11'	20°45'	7°23'	27°58'	17°20'	20°23'	13° 4'	7°28'	12°11'	10°11'	11°43'	2°17'	27°43'	F 14
S 15	23 35 33	22°17'38"	18°19'	22°40'	8°20'	28°36'	17°26'	20°30'	13° 2'	7°27'	12°13'	10° 7'	11°40'	2°24'	27°51'	S 15
S 16	23 39 30	23°15'47"	3 <sup>h</sup> M11	24°34'	9°16'	29°15'	17°31'	20°37'	13° 0'	7°25'	12°14'	10°D 5'	11°37'	2°30'	28° 0'	S 16
M17	23 43 26	24°13'58"	17°42'	26°28'	10°12'	29°53'	17°37'	20°44'	12°57'	7°23'	12°15'	10° 5'	11°33'	2°37'	28° 8'	M17
T 18	23 47 23	25°12'11"	1 <sup>h</sup> 48'	28°20'	11° 8'	0 <sup>h</sup> 31'	17°43'	20°51'	12°55'	7°22'	12°17'	10° 6'	11°30'	2°44'	28°16'	T 18
W19	23 51 19	26°10'25"	15°28'	0 <sup>h</sup> 11'	12° 3'	1°10'	17°50'	20°58'	12°53'	7°20'	12°18'	10° 7'	11°27'	2°50'	28°25'	W19
T 20	23 55 16	27° 8'40"	28°44'	2° 1'	12°57'	1°48'	17°56'	21° 5'	12°51'	7°19'	12°19'	10°R 8'	11°24'	2°57'	28°33'	T 20
F 21	23 59 13	28° 6'57"	11 <sup>h</sup> 39'	3°50'	13°51'	2°26'	18° 3'	21°12'	12°48'	7°17'	12°21'	10° 7'	11°21'	3° 4'	28°42'	F 21
S 22	0 3 9	29° 5'15"	24°16'	5°38'	14°44'	3° 5'	18° 9'	21°18'	12°46'	7°15'	12°22'	10° 4'	11°17'	3°10'	28°50'	S 22
S 23	0 7 6	0 <sup>h</sup> 3'35"	6 <sup>h</sup> 39'	7°25'	15°37'	3°43'	18°16'	21°25'	12°44'	7°14'	12°23'	9°59'	11°14'	3°17'	28°59'	S 23
M24	0 11 2	1° 1'56"	18°50'	9°10'	16°29'	4°22'	18°23'	21°31'	12°41'	7°12'	12°24'	9°53'	11°11'	3°24'	29° 7'	M24
T 25	0 14 59	2° 0'19"	0 <sup>h</sup> 53'	10°55'	17°21'	5° 0'	18°30'	21°38'	12°39'	7°10'	12°25'	9°47'	11° 8'	3°30'	29°16'	T 25
W26	0 18 55	2°58'43"	12°50'	12°38'	18°11'	5°39'	18°38'	21°44'	12°37'	7° 9'	12°27'	9°40'	11° 5'	3°37'	29°24'	W26
T 27	0 22 52	3°57'10"	24°42'	14°20'	19° 2'	6°17'	18°45'	21°51'	12°34'	7° 7'	12°28'	9°33'	11° 2'	3°44'	29°33'	T 27
F 28	0 26 48	4°55'38"	6 <sup>h</sup> Y32	16° 1'	19°51'	6°56'	18°53'	21°57'	12°32'	7° 5'	12°29'	9°28'	10°58'	3°50'	29°41'	F 28
S 29	0 30 45	5°54'08"	18°21'	17°42'	20°40'	7°34'	19° 0'	22° 4'	12°29'	7° 4'	12°30'	9°24'	10°55'	3°57'	29°49'	S 29
S 30	0 34 41	6 <sup>h</sup> 52'39"	0 <sup>h</sup> 12'	19 <sup>h</sup> 21'	21 <sup>h</sup> M28	8 <sup>h</sup> 13'	19 <sup>h</sup> 8'	22 <sup>h</sup> 01'	12 <sup>h</sup> Y27	7 <sup>h</sup> Y 2	12 <sup>h</sup> 031	9 <sup>h</sup> M23	10 <sup>h</sup> M52	4 <sup>h</sup> Y 4	29 <sup>h</sup> 58'	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	
S 1	8n15	6n12	2n39	14n 6	1n10	10s48	1s27	4n59	0n59	22s12	0n27	15n45	0n39	4n38	0s45	1n53	1s18	20n30	3n29	15s 3	15s30	3n28	1s28	3s21
S 2	7 53	9 52	1 42	13 35	1 17	11 16	1 32	4 43	0 59	22 12	0 27	15 43	0 39	4 37	0 45	1 53	1 18	20 30	3 29	15 2	15 29	3 30	1 31	3 21
M 3	7 32	13 10	0 41	13 2	1 24	11 43	1 38	4 28	0 59	22 13	0 27	15 40	0 39	4 36	0 45	1 52	1 18	20 29	3 29	15 1	15 28	3 32	1 34	3 21
T 4	7 10	15 57	0s23	12 27	1 30	12 11	1 44	4 13	0 58	22 13	0 27	15 38	0 39	4 35	0 45	1 52	1 18	20 29	3 29	15 1	15 27	3 34	1 37	3 20
W 5	6 48	18 3	1 27	11 50	1 35	12 38	1 50	3 58	0 58	22 14	0 27	15 36	0 39	4 35	0 45	1 51	1 18	20 29	3 29	15 1	15 26	3 36	1 40	3 20
T 6	6 26	19 22	2 28	11 10	1 39	13 5	1 56	3 42	0 58	22 15	0 27	15 34	0 40	4 34	0 45	1 50	1 18	20 28	3 29	15 1	15 25	3 38	1 42	3 20
F 7	6 4	19 44	3 24	10 30	1 42	13 31	2 1	3 27	0 58	22 15	0 26	15 32	0 40	4 33	0 45	1 50	1 18	20 28	3 29	15 1	15 24	3 40	1 45	3 19
S 8	5 41	19 3	4 11	9 47	1 44	13 58	2 7	3 12	0 57	22 16	0 26	15 29	0 40	4 32	0 45	1 49	1 18	20 28	3 29	15 1	15 23	3 42	1 48	3 19
S 9	5 19	17 17	4 45	9 4	1 45	14 24	2 13	2 56	0 57	22 17	0 26	15 27	0 40	4 31	0 45	1 49	1 18	20 28	3 29	15 0	15 22	3 44	1 52	3 19
M10	4 56	14 25	5 4	8 19	1 46	14 50	2 19	2 41	0 57	22 17	0 26	15 25	0 40	4 31	0 45	1 48	1 18	20 27	3 30	14 58	15 21	3 47	1 55	3 18
T 11	4 34	10 36	5 4	7 34	1 46	15 15	2 25	2 25	0 56	22 18	0 26	15 23	0 40	4 30	0 45	1 47	1 18	20 27	3 30	14 55	15 20	3 49	1 58	3 18
W12	4 11	6 2	4 44	6 47	1 45	15 41	2 31	2 10	0 56	22 19	0 25	15 21	0 40	4 29	0 45	1 47	1 18	20 27	3 30	14 53	15 19	3 51	2 1	3 18
T 13	3 48	1 1	4 4	6 0	1 44	16 6	2 38	1 54	0 56	22 19	0 25	15 19	0 40	4 28	0 45	1 46	1 18	20 26	3 30	14 51	15 18	3 53	2 4	3 18
F 14	3 26	4s 6	3 6	5 13	1 42	16 30	2 44	1 39	0 55	22 20	0 25	15 17	0 40	4 27	0 45	1 45	1 18	20 26	3 30	14 49	15 17	3 55	2 7	3 17
S 15	3 3	8 55	1 55	4 25	1 39	16 55	2 50	1 24	0 55	22 21	0 25	15 14	0 41	4 26	0 45	1 45	1 18	20 26	3 30	14 48	15 17	3 57	2 10	3 17
S 16	2 40	13 7	0 37	3 37	1 36	17 19	2 56	1 8	0 54	22 21	0 25	15 12	0 41	4 26	0 45	1 44	1 18	20 26	3 30	14 47	15 16	3 59	2 13	3 17
M17	2 17	16 23	0n41	2 49	1 33	17 42	3 2	0 53	0 54	22 22	0 25	15 10	0 41	4 25	0 45	1 43	1 18	20 25	3 30	14 47	15 15	4 1	2 16	3 16
T 18	1 54	18 34	1 55	2 1	1 29	18 6	3 8	0 37	0 54	22 23	0 24	15 8	0 41	4 24	0 45	1 43	1 18	20 25	3 31	14 47	15 14	4 3	2 19	3 16
W19	1 31	19 35	3 0	1 13	1 25	18 29	3 14	0 21	0 53	22 23	0 24	15 6	0 41	4 23	0 45	1 42	1 18	20 25	3 31	14 48	15 13	4 5	2 22	3 16
T 20	1 8	19 27	3 53	0 25	1 20	18 51	3 21	0 6	0 53	22 24	0 24	15 4	0 41	4 22	0 45	1 42	1 18	20 25	3 31	14 48	15 12	4 7	2 25	3 16
F 21	0 45	18 18	4 33	0s23	1 15	19 13	3 27	0s10	0 53	22 25	0 24	15 2	0 41	4 21	0 45	1 41	1 18	20 24	3 31	14 48	15 11	4 9	2 28	3 15
S 22	0 22	16 17	4 59	1 10	1 9	19 35	3 33	0 25	0 52	22 26	0 24	15 0	0 41	4 20	0 45	1 40	1 18	20 24	3 31	14 47	15 10	4 11	2 32	3 15
S 23	0s 1	13 32	5 10	1 57	1 4	19 57	3 39	0 41	0 52	22 27	0 24	14 58	0 42	4 19	0 45	1 40	1 18	20 24	3 31	14 45	15 9	4 13	2 35	3 15
M24	0 25	10 16	5 6	2 44	0 58	20 18	3 45	0 56	0 52	22 27	0 23	14 56	0 42	4 18	0 45	1 39	1 18	20 24	3 31	14 43	15 8	4 15	2 38	3 15
T 25	0 48	6 36	4 50	3 31	0 52	20 39	3 51	1 12	0 51	22 28	0 23	14 54	0 42	4 17	0 45	1 38	1 18	20 24	3 31	14 41	15 7	4 17	2 41	3 15
W26	1 11	2 43	4 20	4 17	0 45	20 59	3 57	1 27	0 51	22 29	0 23	14 52	0 42	4 17	0 45	1 38	1 18	20 23	3 32	14 39	15 6	4 19	2 44	3 14
T 27	1 34	1n16	3 40	5 2	0 39	21 19	4 4	1 43	0 51	22 30	0 23	14 50	0 42	4 16	0 45	1 37	1 18	20 23	3 32	14 37	15 5	4 21	2 47	3 14
F 28	1 57	5 11	2 50	5 47	0 32	21 38	4 10	1 58	0 50	22 30	0 23	14 48	0 42	4 15	0 45	1 36	1 18	20 23	3 32	14 36	15 4	4 23	2 50	3 14
S 29	2 20	8 54	1 52	6 32	0 25	21 57	4 16	2 14	0 50	22 31	0 23	14 46	0 42	4 14	0 45	1 36	1 18	20 23	3 32	14 34	15 3	4 25	2 54	3 14
S 30	2s43	12n17	0n50	7s16	0n18	22s16	4s22	2s29	0n49	22s32	0n22	14n44	0n42	4n13	0s45	1n35	1s18	20n23	3n32	14s34	15s 2	4n27	2s57	3s12

## ASTRODIENST EPHEMERIS for the year 2683

OCTOBER 2683

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 38 38	7♂51'13	12♂ 7	20♂59	22♂15	8♂52	19♂16	22♂16	12°R25	7°R 0	12♂32	9°D22	10♂49	4°Y10	0♂ 6	M 1
T 2	0 42 35	8°49'49	24° 8	22°36	23° 1	9°30	19°24	22°22	12°Y22	6°Y59	12°33	9°M23	10°46	4°17	0°15	T 2
W 3	0 46 31	9°48'27	6♂20	24°12	23°47	10° 9	19°32	22°28	12°20	6°57	12°34	9°25	10°43	4°24	0°23	W 3
T 4	0 50 28	10°47'08	18°46	25°47	24°31	10°48	19°41	22°34	12°17	6°55	12°35	9°26	10°39	4°30	0°32	T 4
F 5	0 54 24	11°45'50	1♂30	27°21	25°15	11°26	19°49	22°40	12°15	6°54	12°36	9°28	10°36	4°37	0°40	F 5
S 6	0 58 21	12°44'35	14°35	28°54	25°58	12° 5	19°58	22°46	12°13	6°52	12°37	9°R28	10°33	4°44	0°48	S 6
S 7	1 2 17	13°43'22	28° 5	0♂27	26°40	12°44	20° 7	22°52	12°10	6°51	12°38	9°27	10°30	4°50	0°57	S 7
M 8	1 6 14	14°42'11	12♂ 2	1°58	27°20	13°23	20°15	22°58	12° 8	6°49	12°39	9°25	10°27	4°57	1° 5	M 8
T 9	1 10 10	15°41'02	26°24	3°28	28° 0	14° 1	20°24	23° 4	12° 5	6°47	12°40	9°23	10°23	5° 4	1°13	T 9
W10	1 14 7	16°39'55	11♂10	4°58	28°39	14°40	20°33	23° 9	12° 3	6°46	12°41	9°20	10°20	5°11	1°22	W10
T 11	1 18 4	17°38'51	26°13	6°26	29°16	15°19	20°43	23°15	12° 1	6°44	12°42	9°17	10°17	5°17	1°30	T 11
F 12	1 22 0	18°37'49	11♂24	7°54	29°52	15°58	20°52	23°20	11°58	6°42	12°42	9°14	10°14	5°24	1°38	F 12
S 13	1 25 57	19°36'48	26°34	9°21	0♂27	16°37	21° 1	23°26	11°56	6°41	12°43	9°13	10°11	5°31	1°47	S 13
S 14	1 29 53	20°35'50	11♂34	10°47	1° 1	17°16	21°11	23°31	11°53	6°39	12°44	9°D13	10° 8	5°37	1°55	S 14
M15	1 33 50	21°34'54	26°15	12°11	1°33	17°55	21°20	23°37	11°51	6°38	12°45	9°13	10° 4	5°44	2° 3	M15
T 16	1 37 46	22°33'59	10♂32	13°35	2° 4	18°34	21°30	23°42	11°49	6°36	12°46	9°14	10° 1	5°51	2°11	T 16
W17	1 41 43	23°33'07	24°22	14°58	2°34	19°13	21°40	23°47	11°46	6°34	12°46	9°15	9°58	5°57	2°19	W17
T 18	1 45 39	24°32'16	7♂46	16°19	3° 2	19°52	21°50	23°52	11°44	6°33	12°47	9°16	9°55	6° 4	2°28	T 18
F 19	1 49 36	25°31'26	20°45	17°40	3°28	20°31	22° 0	23°57	11°42	6°31	12°48	9°R17	9°52	6°11	2°36	F 19
S 20	1 53 33	26°30'39	3♂22	18°59	3°53	21°10	22°10	24° 2	11°39	6°30	12°48	9°17	9°49	6°17	2°44	S 20
S 21	1 57 29	27°29'53	15°42	20°18	4°16	21°49	22°20	24° 7	11°37	6°28	12°49	9°16	9°45	6°24	2°52	S 21
M22	2 1 26	28°29'09	27°49	21°34	4°37	22°28	22°31	24°12	11°35	6°27	12°49	9°15	9°42	6°31	3° 0	M22
T 23	2 5 22	29°28'26	9♂46	22°50	4°56	23° 7	22°41	24°16	11°33	6°25	12°50	9°14	9°39	6°37	3° 8	T 23
W24	2 9 19	0♂27'46	21°38	24° 4	5°14	23°46	22°52	24°21	11°30	6°24	12°51	9°13	9°36	6°44	3°16	W24
T 25	2 13 15	1°27'07	3°Y27	25°16	5°29	24°25	23° 2	24°25	11°28	6°22	12°51	9°11	9°33	6°51	3°24	T 25
F 26	2 17 12	2°26'30	15°17	26°27	5°42	25° 5	23°13	24°30	11°26	6°21	12°52	9°10	9°29	6°57	3°32	F 26
S 27	2 21 8	3°25'55	27°10	27°36	5°54	25°44	23°24	24°34	11°24	6°19	12°52	9°10	9°26	7° 4	3°39	S 27
S 28	2 25 5	4°25'22	9♂ 8	28°43	6° 3	26°23	23°35	24°38	11°22	6°18	12°53	9°D10	9°23	7°11	3°47	S 28
M29	2 29 2	5°24'51	21°12	29°48	6°10	27° 2	23°46	24°42	11°19	6°16	12°53	9°10	9°20	7°17	3°55	M29
T 30	2 32 58	6°24'22	3♂26	0♂50	6°14	27°42	23°57	24°47	11°17	6°15	12°53	9°10	9°17	7°24	4° 3	T 30
W31	2 36 55	7♂23'56	15♂50	1♂50	6♂17	28♂21	24♂ 8	24♂50	11°Y15	6°Y14	12♂54	9♂10	9♂14	7°Y31	4♂10	W31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	3s 6	15n10	0s15	7s59	0n11	22s34	4s28	2s45	0n49	22s33	0n22	14n42	0n43	4n12	0s45	1n34	1s18
T 2	3 29	17 26	1 20	8 42	0 4	22 52	4 33	3 0	0 49	22 34	0 22	14 41	0 43	4 11	0 45	1 34	1 18
W 3	3 52	18 56	2 23	9 24	0s 3	23 9	4 39	3 16	0 48	22 34	0 22	14 39	0 43	4 10	0 45	1 33	1 18
T 4	4 15	19 33	3 20	10 6	0 11	23 26	4 45	3 31	0 48	22 35	0 22	14 37	0 43	4 9	0 45	1 32	1 18
F 5	4 38	19 12	4 8	10 46	0 18	23 42	4 51	3 47	0 48	22 36	0 22	14 35	0 43	4 8	0 45	1 32	1 18
S 6	5 1	17 49	4 46	11 26	0 25	23 58	4 56	4 2	0 47	22 37	0 22	14 33	0 43	4 7	0 45	1 31	1 18
S 7	5 24	15 25	5 9	12 6	0 33	24 13	5 2	4 17	0 47	22 38	0 21	14 32	0 43	4 6	0 45	1 30	1 18
M 8	5 46	12 5	5 14	12 44	0 40	24 28	5 7	4 33	0 46	22 38	0 21	14 30	0 44	4 5	0 45	1 30	1 18
T 9	6 9	7 56	5 1	13 22	0 48	24 43	5 12	4 48	0 46	22 39	0 21	14 28	0 44	4 4	0 45	1 29	1 18
W10	6 32	3 13	4 28	13 59	0 55	24 57	5 18	5 4	0 46	22 40	0 21	14 26	0 44	4 4	0 45	1 28	1 18
T 11	6 54	1s48	3 36	14 36	1 2	25 10	5 23	5 19	0 45	22 41	0 21	14 25	0 44	4 3	0 45	1 28	1 18
F 12	7 16	6 46	2 28	15 11	1 9	25 23	5 28	5 34	0 45	22 42	0 21	14 23	0 44	4 2	0 45	1 27	1 18
S 13	7 39	11 17	1 9	15 46	1 17	25 35	5 32	5 49	0 44	22 42	0 20	14 21	0 44	4 1	0 45	1 26	1 18
S 14	8 1	15 2	0n13	16 20	1 24	25 47	5 37	6 5	0 44	22 43	0 20	14 20	0 44	4 0	0 45	1 26	1 18
M15	8 23	17 44	1 33	16 53	1 31	25 58	5 42	6 20	0 44	22 44	0 20	14 18	0 45	3 59	0 45	1 25	1 18
T 16	8 45	19 13	2 45	17 25	1 38	26 9	5 46	6 35	0 43	22 45	0 20	14 17	0 45	3 58	0 45	1 25	1 18
W17	9 7	19 29	3 45	17 56	1 45	26 19	5 50	6 50	0 43	22 45	0 20	14 15	0 45	3 57	0 45	1 24	1 18
T 18	9 28	18 37	4 30	18 26	1 51	26 28	5 54	7 5	0 42	22 46	0 20	14 13	0 45	3 56	0 45	1 23	1 18
F 19	9 50	16 48	5 1	18 55	1 58	26 37	5 58	7 20	0 42	22 47	0 20	14 12	0 45	3 55	0 45	1 23	1 18
S 20	10 11	14 13	5 15	19 23	2 4	26 45	6 1	7 35	0 42	22 48	0 20	14 10	0 45	3 54	0 45	1 22	1 18
S 21	10 33	11 3	5 15	19 51	2 10	26 53	6 4	7 50	0 41	22 48	0 19	14 9	0 46	3 54	0 45	1 22	1 18
M22	10 54	7 29	5 1	20 17	2 16	27 0	6 7	8 5	0 41	22 49	0 19	14 8	0 46	3 53	0 45	1 21	1 18
T 23	11 15	3 39	4 33	20 42	2 22	27 6	6 10	8 20	0 40	22 50	0 19	14 6	0 46	3 52	0 45	1 20	1 18
W24	11 35	0n17	3 54	21 6	2 27	27 12	6 13	8 34	0 40	22 50	0 19	14 5	0 46	3 51	0 45	1 20	1 18
T 25	11 56	4 13	3 6	21 29	2 33	27 17	6 15	8 49	0 39	22 51	0 19	14 3	0 46	3 50	0 45	1 19	1 18
F 26	12 16	7 59	2 9	21 50	2 38	27 21	6 16	9 4	0 39	22 52	0 19	14 2	0 46	3 49	0 45	1 19	1 18
S 27	12 37	11 27	1 6	22 11	2 42	27 24	6 18	9 19	0 39	22 53	0 19	14 1	0 47	3 48	0 45	1 18	1 18
S 28	12 57	14 29	0 0	22 30	2 46	27 27	6 19	9 33	0 38	22 53	0 18	14 0	0 47	3 48	0 44	1 18	1 18
M29	13 17	16 55	1s 6	22 48	2 50	27 29	6 19	9 48	0 38	22 54	0 18	13 58	0 47	3 47	0 44	1 17	1 18
T 30	13 36	18 37	2 11	23 5	2 54	27 30	6 19	10 2	0 37	22 54	0 18	13 57	0 47	3 46	0 44	1 17	1 18
W31	13s56	19n27	3s10	23s20	2s57	27s30	6s19	10s16	0n37	22s55	0n18	13n56	0n47	3n45	0s44	1n16	1s18

Julian Day Number = 2701278.5, Delta T = 26m01s

Ecliptic obliquity = 23°20'55, Nutation = 0°00'11

Ayanamsha: Fagan/Bradley = 34°18'20, Lahiri = 33°25'20

## ASTRODIENST EPHEMERIS for the year 2683

NOVEMBER 2683

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 40 51	8♂23'31	28♂27	2♂47	6°R17	29♂0	24♂19	24♂54	11°R13	6°R12	12♂54	9♂11	9♂10	7°Y37	4♂18	T 1
F 2	2 44 48	9°23'09	11♂18	3°41	6♂15	29°40	24°31	24°58	11°Y11	6°Y11	12°54	9°R11	9°7	7°44	4°26	F 2
S 3	2 48 44	10°22'49	24°27	4°31	6°10	0♂19	24°42	25°2	11°9	6°10	12°55	9°11	9°4	7°51	4°33	S 3
S 4	2 52 41	11°22'31	7♂54	5°18	6°3	0°59	24°53	25°6	11°7	6°8	12°55	9°D11	9°1	7°57	4°41	S 4
M 5	2 56 37	12°22'15	21°42	6°0	5°53	1°38	25°5	25°9	11°5	6°7	12°55	9°11	8°58	8°4	4°48	M 5
T 6	3 0 34	13°22'02	5♂49	6°37	5°41	2°18	25°17	25°12	11°3	6°6	12°55	9°11	8°54	8°11	4°55	T 6
W 7	3 4 31	14°21'51	20°16	7°10	5°27	2°57	25°28	25°16	11°1	6°5	12°56	9°11	8°51	8°17	5°3	W 7
T 8	3 8 27	15°21'41	4♂57	7°36	5°10	3°37	25°40	25°19	10°59	6°3	12°56	9°12	8°48	8°24	5°10	T 8
F 9	3 12 24	16°21'35	19°50	7°56	4°51	4°16	25°52	25°22	10°58	6°2	12°56	9°12	8°45	8°31	5°17	F 9
S 10	3 16 20	17°21'30	4♂45	8°9	4°30	4°56	26°4	25°25	10°56	6°1	12°56	9°R13	8°42	8°37	5°25	S 10
S 11	3 20 17	18°21'27	19°36	8°R15	4°7	5°36	26°16	25°28	10°54	6°0	12°56	9°12	8°39	8°44	5°32	S 11
M12	3 24 13	19°21'26	4♂14	8°12	3°41	6°15	26°28	25°31	10°52	5°59	12°56	9°12	8°35	8°51	5°39	M12
T 13	3 28 10	20°21'27	18°34	8°1	3°14	6°55	26°40	25°34	10°51	5°58	12°56	9°11	8°32	8°57	5°46	T 13
W14	3 32 6	21°21'29	2♂30	7°40	2°45	7°35	26°52	25°36	10°49	5°57	12°R56	9°9	8°29	9°4	5°53	W14
T 15	3 36 3	22°21'34	16°1	7°10	2°14	8°15	27°5	25°39	10°47	5°56	12°56	9°7	8°26	9°10	6°0	T 15
F 16	3 40 0	23°21'39	29°6	6°30	1°41	8°54	27°17	25°41	10°46	5°55	12°56	9°6	8°23	9°17	6°7	F 16
S 17	3 43 56	24°21'47	11♂48	5°41	1°8	9°34	27°29	25°43	10°44	5°54	12°56	9°5	8°20	9°24	6°13	S 17
S 18	3 47 53	25°21'55	24°10	4°42	0°33	10°14	27°42	25°46	10°43	5°53	12°56	9°D 4	8°16	9°30	6°20	S 18
M19	3 51 49	26°22'06	6♂17	3°36	29♂58	10°54	27°54	25°48	10°41	5°52	12°56	9°5	8°13	9°37	6°27	M19
T 20	3 55 46	27°22'17	18°13	2°23	29°21	11°34	28°7	25°50	10°40	5°51	12°56	9°6	8°10	9°44	6°33	T 20
W21	3 59 42	28°22'31	0°Y 3	1°6	28°45	12°14	28°20	25°52	10°38	5°50	12°55	9°7	8°7	9°50	6°40	W21
T 22	4 3 39	29°22'45	11°52	29♂46	28°8	12°54	28°32	25°53	10°37	5°49	12°55	9°9	8°4	9°57	6°46	T 22
F 23	4 7 35	0♂23'01	23°43	28°26	27°32	13°34	28°45	25°55	10°36	5°49	12°55	9°10	8°0	10°4	6°53	F 23
S 24	4 11 32	1°23'19	5♂41	27°10	26°56	14°14	28°58	25°57	10°34	5°48	12°55	9°R11	7°57	10°10	6°59	S 24
S 25	4 15 28	2°23'38	17°47	25°58	26°20	14°54	29°10	25°58	10°33	5°47	12°54	9°11	7°54	10°17	7°5	S 25
M26	4 19 25	3°23'59	0♂5	24°54	25°46	15°34	29°23	25°59	10°32	5°46	12°54	9°9	7°51	10°24	7°11	M26
T 27	4 23 22	4°24'22	12°35	23°59	25°12	16°14	29°36	26°1	10°31	5°46	12°54	9°7	7°48	10°30	7°17	T 27
W28	4 27 18	5°24'46	25°19	23°15	24°40	16°54	29°49	26°2	10°30	5°45	12°53	9°3	7°45	10°37	7°24	W28
T 29	4 31 15	6°25'12	8♂16	22°43	24°10	17°34	0♂2	26°3	10°29	5°44	12°53	8°58	7°41	10°44	7°29	T 29
F 30	4 35 11	7♂25'40	21♂26	22♂22	23♂41	18♂15	0♂15	26♂4	10°Y28	5°Y44	12♂53	8♂54	7♂38	10°Y50	7♂35	F 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	14s15	19n19	4s 1	23s34	2s59	27s29	6s18	10s31	0n36	22s56	0n18	13n55	0n47	3n44	0s44	1n16	1s18
F 2	14 34	18 12	4 41	23 46	3 1	27 27	6 17	10 45	0 36	22 56	0 18	13 54	0 48	3 44	0 44	1 15	1 18
S 3	14 53	16 6	5 7	23 57	3 2	27 24	6 15	10 59	0 35	22 57	0 18	13 53	0 48	3 43	0 44	1 15	1 18
S 4	15 11	13 6	5 18	24 6	3 3	27 21	6 12	11 13	0 35	22 57	0 18	13 52	0 48	3 42	0 44	1 14	1 18
M 5	15 29	9 19	5 10	24 13	3 3	27 16	6 9	11 27	0 34	22 58	0 17	13 51	0 48	3 41	0 44	1 14	1 18
T 6	15 48	4 56	4 44	24 19	3 2	27 10	6 6	11 41	0 34	22 59	0 17	13 50	0 48	3 41	0 44	1 13	1 18
W 7	16 5	0 10	4 0	24 22	3 0	27 3	6 1	11 55	0 34	22 59	0 17	13 49	0 48	3 40	0 44	1 13	1 18
T 8	16 23	4s42	2 59	24 24	2 57	26 55	5 56	12 9	0 33	23 0	0 17	13 48	0 49	3 39	0 44	1 12	1 18
F 9	16 40	9 21	1 46	24 23	2 53	26 46	5 51	12 23	0 33	23 0	0 17	13 47	0 49	3 39	0 44	1 12	1 18
S 10	16 57	13 27	0 25	24 20	2 47	26 36	5 44	12 37	0 32	23 1	0 17	13 46	0 49	3 38	0 44	1 11	1 18
S 11	17 14	16 39	0s57	24 15	2 41	26 24	5 37	12 50	0 32	23 1	0 17	13 45	0 49	3 37	0 44	1 11	1 18
M12	17 30	18 42	2 15	24 6	2 33	26 12	5 29	13 4	0 31	23 1	0 17	13 44	0 49	3 37	0 44	1 10	1 18
T 13	17 46	19 31	3 22	23 55	2 23	25 58	5 21	13 17	0 31	23 2	0 16	13 44	0 49	3 36	0 44	1 10	1 18
W14	18 2 19	5 4	4 14	23 41	2 12	25 43	5 12	13 31	0 30	23 2	0 16	13 43	0 50	3 35	0 44	1 10	1 18
T 15	18 17	17 34	4 51	23 24	2 0	25 27	5 2	13 44	0 30	23 3	0 16	13 42	0 50	3 35	0 44	1 9	1 18
F 16	18 33	15 10	5 12	23 3	1 46	25 10	4 51	13 57	0 29	23 3	0 16	13 42	0 50	3 34	0 44	1 9	1 18
S 17	18 47	12 7	5 16	22 38	1 30	24 52	4 40	14 10	0 29	23 3	0 16	13 41	0 50	3 34	0 44	1 9	1 18
S 18	19 2 8	36 5	6 22	11 1	12 24	33 4	28 14	23 0	0 28	23 4	0 16	13 40	0 50	3 33	0 44	1 8	1 18
M19	19 16	4 48	4 42	21 40	0 54	24 14	4 16	14 36	0 28	23 4	0 16	13 40	0 51	3 32	0 44	1 8	1 18
T 20	19 30	0 52	4 6	21 7	0 34	23 53	4 3	14 49	0 27	23 4	0 16	13 39	0 51	3 32	0 44	1 8	1 18
W21	19 43	3n 5	3 20	20 31	0 13	23 32	3 49	15 1	0 27	23 5	0 16	13 39	0 51	3 31	0 44	1 7	1 18
T 22	19 56	6 54	2 25	19 54	0n 7	23 10	3 35	15 14	0 26	23 5	0 15	13 39	0 51	3 31	0 44	1 7	1 18
F 23	20 9 10	29 1	24 19	17 0	28 22	47 3	21 15	26 0	26 23	5	0 15	13 38	0 51	3 30	0 44	1 7	1 18
S 24	20 22	13 40	0 19	18 41	0 47	22 25	3 6	15 39	0 25	23 5	0 15	13 38	0 51	3 30	0 44	1 6	1 18
S 25	20 34	16 19	0s47	18 6	1 6	22 2	2 51	15 51	0 25	23 6	0 15	13 37	0 52	3 29	0 44	1 6	1 18
M26	20 45	18 15	1 53	17 35	1 23	21 39	2 36	16 3	0 24	23 6	0 15	13 37	0 52	3 29	0 44	1 6	1 18
T 27	20 57	19 21	2 54	17 7	1 38	21 16	2 20	16 15	0 24	23 6	0 15	13 37	0 52	3 29	0 44	1 6	1 17
W28	21 7 19	29 3	47 16	43 1	51 20	53 2	5 16	27 0	23 23	6	0 15	13 37	0 52	3 28	0 44	1 5	1 17
T 29	21 18	18 36	4 30	16 24	2 3	20 30	1 49	16 39	0 23	23 6	0 15	13 37	0 52	3 28	0 44	1 5	1 17
F 30	21s28	16n44	4s59	16s10	2n12	20s 8	1s34	16s50	0n22	23s 6	0n15	13n36	0n53	3n27	0s44	1n 5	1s17

Julian Day Number = 2701309.5, Delta T = 26m02s

Ecliptic obliquity = 23°20'55", Nutation = 0°00'10"

Ayanamsha: Fagan/Bradley = 34°18'24", Lahiri = 33°25'24"

## ASTRODIENST EPHEMERIS for the year 2683

DECEMBER 2683

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 39 8	8°26'09	4♌49	22°D12	23°R14	18♍55	0♋28	26♌4	10°R27	5°R43	12°R52	8°R50	7♍35	10°Y57	7♎41	S 1
S 2	4 43 4	9°26'40	18°25	22♍14	22♍49	19°35	0°41	26° 5	10°Y26	5°Y43	12♌52	8♍47	7°32	11° 4	7°47	S 2
M 3	4 47 1	10°27'13	2♍12	22°26	22°27	20°15	0°55	26° 6	10°25	5°42	12°51	8°45	7°29	11°10	7°52	M 3
T 4	4 50 58	11°27'47	16°12	22°48	22° 6	20°56	1° 8	26° 6	10°24	5°42	12°51	8°D45	7°26	11°17	7°58	T 4
W 5	4 54 54	12°28'23	0♌21	23°20	21°48	21°36	1°21	26° 6	10°23	5°41	12°50	8°46	7°22	11°24	8° 3	W 5
T 6	4 58 51	13°29'01	14°41	23°59	21°32	22°17	1°34	26° 7	10°23	5°41	12°50	8°47	7°19	11°30	8° 9	T 6
F 7	5 2 47	14°29'41	29° 6	24°45	21°19	22°57	1°48	26°R 7	10°22	5°40	12°49	8°48	7°16	11°37	8°14	F 7
S 8	5 6 44	15°30'22	13♍36	25°37	21° 8	23°37	2° 1	26° 7	10°21	5°40	12°49	8°R49	7°13	11°44	8°19	S 8
S 9	5 10 40	16°31'05	28° 3	26°35	21° 0	24°18	2°14	26° 7	10°21	5°40	12°48	8°47	7°10	11°50	8°24	S 9
M10	5 14 37	17°31'49	12♌24	27°38	20°54	24°58	2°28	26° 6	10°20	5°40	12°47	8°44	7° 6	11°57	8°29	M10
T 11	5 18 33	18°32'34	26°32	28°45	20°50	25°39	2°41	26° 6	10°20	5°39	12°47	8°38	7° 3	12° 4	8°34	T 11
W12	5 22 30	19°33'21	10♋22	29°55	20°D50	26°20	2°55	26° 6	10°19	5°39	12°46	8°32	7° 0	12°10	8°39	W12
T 13	5 26 27	20°34'09	23°51	1♌ 9	20°51	27° 0	3° 8	26° 5	10°19	5°39	12°45	8°24	6°57	12°17	8°44	T 13
F 14	5 30 23	21°34'58	6♎58	2°25	20°55	27°41	3°22	26° 4	10°19	5°39	12°44	8°17	6°54	12°24	8°48	F 14
S 15	5 34 20	22°35'47	19°43	3°43	21° 1	28°22	3°35	26° 4	10°18	5°39	12°44	8°11	6°51	12°30	8°53	S 15
S 16	5 38 16	23°36'38	2♌ 7	5° 4	21°10	29° 2	3°49	26° 3	10°18	5°39	12°43	8° 6	6°47	12°37	8°57	S 16
M17	5 42 13	24°37'29	14°16	6°26	21°20	29°43	4° 2	26° 2	10°18	5°D39	12°42	8° 4	6°44	12°44	9° 2	M17
T 18	5 46 9	25°38'21	26°12	7°50	21°33	0♌24	4°16	26° 1	10°18	5°39	12°41	8°D 3	6°41	12°50	9° 6	T 18
W19	5 50 6	26°39'14	8°Y 2	9°14	21°48	1° 5	4°29	25°59	10°18	5°39	12°40	8° 4	6°38	12°57	9°10	W19
T 20	5 54 2	27°40'07	19°50	10°40	22° 5	1°45	4°43	25°58	10°D18	5°39	12°39	8° 5	6°35	13° 4	9°14	T 20
F 21	5 57 59	28°41'02	1♌43	12° 7	22°25	2°26	4°57	25°56	10°18	5°39	12°39	8° 6	6°32	13°10	9°18	F 21
S 22	6 1 56	29°41'57	13°44	13°35	22°46	3° 7	5°10	25°55	10°18	5°39	12°38	8°R 6	6°28	13°17	9°22	S 22
S 23	6 5 52	0♋42'52	25°58	15° 3	23° 9	3°48	5°24	25°53	10°18	5°39	12°37	8° 4	6°25	13°24	9°26	S 23
M24	6 9 49	1°43'49	8♌27	16°32	23°33	4°29	5°38	25°51	10°18	5°39	12°36	8° 0	6°22	13°30	9°29	M24
T 25	6 13 45	2°44'46	21°14	18° 1	24° 0	5°10	5°51	25°50	10°18	5°40	12°35	7°54	6°19	13°37	9°33	T 25
W26	6 17 42	3°45'44	4♌19	19°31	24°28	5°51	6° 5	25°48	10°19	5°40	12°34	7°45	6°16	13°44	9°36	W26
T 27	6 21 38	4°46'43	17°41	21° 1	24°58	6°32	6°19	25°46	10°19	5°40	12°33	7°35	6°12	13°50	9°40	T 27
F 28	6 25 35	5°47'42	1♌18	22°31	25°30	7°13	6°32	25°43	10°19	5°41	12°32	7°25	6° 9	13°57	9°43	F 28
S 29	6 29 31	6°48'42	15° 6	24° 2	26° 3	7°54	6°46	25°41	10°20	5°41	12°31	7°15	6° 6	14° 4	9°46	S 29
S 30	6 33 28	7°49'43	29° 2	25°33	26°37	8°36	7° 0	25°39	10°20	5°42	12°30	7° 7	6° 3	14°10	9°49	S 30
M31	6 37 25	8°50'45	13♌ 4	27♌ 4	27♍13	9♌17	7♋13	25°36	10°Y21	5°Y42	12♌29	7♍ 2	6♍ 0	14°Y17	9♎52	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
S 1	21s38	13n56	5s12	16s 0	2n19	19s46	1s18	17s 2	0n22	23s 6	0n15	13n36	0n53	3n27	0s44	1n 5
S 2	21 47	10 21	5 9	15 56	2 24	19 25	1 3	17 13	0 21	23 6	0 14	13 36	0 53	3 27	0 43	1 5
M 3	21 56	6 10	4 47	15 55	2 28	19 5	0 48	17 25	0 21	23 6	0 14	13 36	0 53	3 27	0 43	1 4
T 4	22 4	1 36	4 9	15 59	2 30	18 46	0 33	17 36	0 20	23 6	0 14	13 36	0 53	3 26	0 43	1 4
W 5	22 12	3s 7	3 15	16 6	2 30	18 27	0 19	17 47	0 20	23 6	0 14	13 36	0 54	3 26	0 43	1 4
T 6	22 20	7 44	2 8	16 17	2 30	18 9	0 5	17 58	0 19	23 6	0 14	13 37	0 54	3 26	0 43	1 4
F 7	22 27	11 56	0 53	16 29	2 28	17 52	0n 9	18 8	0 18	23 6	0 14	13 37	0 54	3 25	0 43	1 4
S 8	22 34	15 27	0n26	16 44	2 25	17 36	0 23	18 19	0 18	23 6	0 14	13 37	0 54	3 25	0 43	1 4
S 9	22 40	17 59	1 43	17 1	2 21	17 22	0 36	18 30	0 17	23 6	0 14	13 37	0 54	3 25	0 43	1 4
M10	22 46	19 21	2 53	17 20	2 17	17 8	0 48	18 40	0 17	23 6	0 14	13 37	0 54	3 25	0 43	1 4
T 11	22 51	19 28	3 50	17 39	2 12	16 55	1 1	18 50	0 16	23 6	0 14	13 38	0 55	3 25	0 43	1 4
W12	22 56	18 24	4 33	18 0	2 7	16 44	1 12	19 0	0 16	23 6	0 13	13 38	0 55	3 25	0 43	1 3
T 13	23 1	16 20	5 0	18 21	2 1	16 33	1 24	19 10	0 15	23 5	0 13	13 38	0 55	3 25	0 43	1 3
F 14	23 5	13 28	5 9	18 42	1 54	16 24	1 35	19 20	0 15	23 5	0 13	13 39	0 55	3 24	0 43	1 3
S 15	23 9	10 3	5 3	19 3	1 48	16 15	1 45	19 29	0 14	23 5	0 13	13 39	0 55	3 24	0 43	1 3
S 16	23 12	6 16	4 43	19 25	1 41	16 8	1 55	19 39	0 13	23 5	0 13	13 40	0 56	3 24	0 43	1 3
M17	23 14	2 19	4 10	19 46	1 34	16 1	2 5	19 48	0 13	23 4	0 13	13 40	0 56	3 24	0 43	1 3
T 18	23 17	1n40	3 27	20 7	1 26	15 56	2 14	19 57	0 12	23 4	0 13	13 41	0 56	3 24	0 43	1 4
W19	23 18	5 33	2 35	20 27	1 19	15 51	2 22	20 6	0 12	23 4	0 13	13 41	0 56	3 24	0 43	1 4
T 20	23 20	9 14	1 37	20 47	1 11	15 48	2 30	20 15	0 11	23 3	0 13	13 42	0 56	3 24	0 43	1 4
F 21	23 21	12 34	0 34	21 6	1 4	15 45	2 38	20 24	0 11	23 3	0 13	13 43	0 57	3 24	0 43	1 4
S 22	23 21	15 25	0s30	21 25	0 56	15 43	2 46	20 32	0 10	23 2	0 13	13 43	0 57	3 24	0 43	1 4
S 23	23 21	17 38	1 35	21 43	0 49	15 42	2 53	20 41	0 9	23 2	0 12	13 44	0 57	3 25	0 43	1 4
M24	23 20	19 4	2 36	21 59	0 41	15 42	2 59	20 49	0 9	23 1	0 12	13 45	0 57	3 25	0 43	1 4
T 25	23 19	19 34	3 30	22 15	0 33	15 42	3 5	20 57	0 8	23 1	0 12	13 46	0 57	3 25	0 43	1 4
W26	23 18	19 2	4 15	22 30	0 26	15 44	3 11	21 5	0 8	23 0	0 12	13 47	0 57	3 25	0 43	1 4
T 27	23 16	17 27	4 47	22 44	0 18	15 45	3 16	21 12	0 7	23 0	0 12	13 47	0 58	3 25	0 42	1 4
F 28	23 13	14 52	5 3	22 57	0 11	15 48	3 22	21 20	0 6	22 59	0 12	13 48	0 58	3 25	0 42	1 5
S 29	23 10	11 26	5 2	23 9	0 4	15 51	3 26	21 27	0 6	22 59	0 12	13 49	0 58	3 25	0 42	1 5
S 30	23 7	7 20	4 43	23 20	0s 4	15 55	3 31	21 34	0 5	22 58	0 12	13 50	0 58	3 26	0 42	1 5
M31	23s 3	2n50	4s 7	23s30	0s11	15s59	3n35	21s41	0n 5	22s57	0n12	13n51	0n58	3n26	0s42	1n 5

Julian Day Number = 2701339.5, Delta T = 26m02s

Ecliptic obliquity = 23°20'54, Nutation = 0°00'10

Ayanamsha: Fagan/Bradley = 34°18'28, Lahiri = 33°25'28

## ASTRODIENST EPHEMERIS for the year 2684

JANUARY 2684

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 41 21	9°51'48	27°08	28°36	27°50	9°58	7°27	25°R34	10°Y21	5°Y42	12°R28	6°R59	5°M57	14°Y23	9°55	T 1
W 2	6 45 18	10°52'52	11°13	0°38	28°29	10°39	7°41	25°R31	10°22	5°43	12°R26	6°D58	5°53	14°30	9°57	W 2
T 3	6 49 14	11°53'56	25°19	1°40	29° 9	11°20	7°54	25°28	10°23	5°44	12°25	6°M59	5°50	14°37	10° 0	T 3
F 4	6 53 11	12°55'01	9°M24	3°12	29°50	12° 2	8° 8	25°25	10°24	5°44	12°24	6°R59	5°47	14°43	10° 2	F 4
S 5	6 57 7	13°56'07	23°27	4°45	0°X32	12°43	8°22	25°22	10°24	5°45	12°23	6°58	5°44	14°50	10° 5	S 5
S 6	7 1 4	14°57'14	7°X26	6°18	1°15	13°25	8°35	25°19	10°25	5°45	12°22	6°54	5°41	14°57	10° 7	S 6
M 7	7 5 0	15°58'21	21°20	7°51	1°59	14° 6	8°49	25°16	10°26	5°46	12°21	6°48	5°38	15° 3	10° 9	M 7
T 8	7 8 57	16°59'29	5°34	9°24	2°45	14°47	9° 3	25°13	10°27	5°47	12°20	6°39	5°34	15°10	10°11	T 8
W 9	7 12 54	18° 0'37	18°36	10°58	3°31	15°29	9°16	25° 9	10°28	5°48	12°18	6°27	5°31	15°17	10°13	W 9
T 10	7 16 50	19° 1'45	1°X53	12°32	4°18	16°10	9°30	25° 6	10°29	5°48	12°17	6°14	5°28	15°23	10°15	T 10
F 11	7 20 47	20° 2'53	14°51	14° 6	5° 6	16°52	9°44	25° 3	10°30	5°49	12°16	6° 1	5°25	15°30	10°16	F 11
S 12	7 24 43	21° 4'02	27°32	15°41	5°55	17°34	9°57	24°59	10°31	5°50	12°15	5°50	5°22	15°37	10°18	S 12
S 13	7 28 40	22° 5'10	9°X55	17°15	6°45	18°15	10°11	24°55	10°33	5°51	12°13	5°40	5°18	15°43	10°19	S 13
M14	7 32 36	23° 6'18	22° 2	18°51	7°36	18°57	10°24	24°52	10°34	5°52	12°12	5°34	5°15	15°50	10°20	M14
T 15	7 36 33	24° 7'26	3°Y58	20°26	8°27	19°39	10°38	24°48	10°35	5°53	12°11	5°30	5°12	15°57	10°22	T 15
W16	7 40 29	25° 8'34	15°48	22° 2	9°19	20°20	10°51	24°44	10°37	5°54	12°10	5°28	5° 9	16° 3	10°23	W16
T 17	7 44 26	26° 9'41	27°35	23°38	10°12	21° 2	11° 5	24°40	10°38	5°55	12° 8	5°D28	5° 6	16°10	10°24	T 17
F 18	7 48 23	27°10'49	9°X27	25°15	11° 6	21°44	11°18	24°36	10°39	5°56	12° 7	5°R28	5° 3	16°17	10°24	F 18
S 19	7 52 19	28°11'55	21°28	26°52	12° 0	22°26	11°32	24°32	10°41	5°57	12° 6	5°27	4°59	16°23	10°25	S 19
S 20	7 56 16	29°13'02	3°II44	28°29	12°55	23° 7	11°45	24°28	10°42	5°58	12° 4	5°24	4°56	16°30	10°26	S 20
M21	8 0 12	0°X14'08	16°19	0°X7	13°50	23°49	11°58	24°23	10°44	5°59	12° 3	5°19	4°53	16°37	10°26	M21
T 22	8 4 9	1°15'14	29°16	1°45	14°46	24°31	12°12	24°19	10°46	6° 1	12° 2	5°11	4°50	16°43	10°26	T 22
W23	8 8 5	2°16'19	12°37	3°24	15°43	25°13	12°25	24°15	10°47	6° 2	12° 1	5° 0	4°47	16°50	10°27	W23
T 24	8 12 2	3°17'24	26°20	5° 3	16°40	25°55	12°38	24°10	10°49	6° 3	11°59	4°47	4°44	16°57	10°R27	T 24
F 25	8 15 59	4°18'29	10°R22	6°42	17°37	26°37	12°52	24° 6	10°51	6° 4	11°58	4°34	4°40	17° 3	10°27	F 25
S 26	8 19 55	5°19'33	24°39	8°23	18°36	27°19	13° 5	24° 2	10°53	6° 6	11°57	4°22	4°37	17°10	10°27	S 26
S 27	8 23 52	6°20'37	9°M3	10° 3	19°34	28° 1	13°18	23°57	10°54	6° 7	11°55	4°12	4°34	17°16	10°26	S 27
M28	8 27 48	7°21'41	23°30	11°44	20°33	28°43	13°31	23°52	10°56	6° 8	11°54	4° 5	4°31	17°23	10°26	M28
T 29	8 31 45	8°22'44	7°X53	13°25	21°33	29°25	13°44	23°48	10°58	6°10	11°53	4° 1	4°28	17°30	10°25	T 29
W30	8 35 41	9°23'47	22° 9	15° 7	22°33	0°X7	13°57	23°43	11° 0	6°11	11°51	3°59	4°24	17°36	10°25	W30
T 31	8 39 38	10°X24'50	6°M16	16°X50	23°X34	0°X50	14°X10	23°R38	11°Y2	6°Y13	11°R50	3°M59	4°M21	17°Y43	10°X24	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	22s59	1s52	3s16	23s38	0s18	16s 3	3n38	21s48	0n 4	22s57	0n12	13n52	0n59	3n26	0s42	1n 5	1s16
W 2	22 54	6 28	2 13	23 45	0 24	16 8	3 42	21 54	0 3	22 56	0 12	13 53	0 59	3 27	0 42	1 6	1 16
T 3	22 49	10 43	1 2	23 51	0 31	16 14	3 45	22 1	0 3	22 55	0 11	13 54	0 59	3 27	0 42	1 6	1 16
F 4	22 43	14 22	0n13	23 56	0 38	16 20	3 48	22 7	0 2	22 55	0 11	13 56	0 59	3 27	0 42	1 6	1 16
S 5	22 37	17 10	1 27	24 0	0 44	16 26	3 50	22 13	0 1	22 54	0 11	13 57	0 59	3 28	0 42	1 7	1 16
S 6	22 31	18 56	2 35	24 2	0 50	16 32	3 52	22 19	0 1	22 53	0 11	13 58	0 59	3 28	0 42	1 7	1 16
M 7	22 24	19 32	3 33	24 3	0 56	16 39	3 54	22 24	0 0	22 52	0 11	13 59	1 0	3 28	0 42	1 7	1 16
T 8	22 16	18 58	4 18	24 3	1 2	16 46	3 56	22 30	0s 1	22 51	0 11	14 0	1 0	3 29	0 42	1 7	1 16
W 9	22 8	17 19	4 47	24 2	1 8	16 53	3 58	22 35	0 1	22 51	0 11	14 2	1 0	3 29	0 42	1 8	1 16
T 10	22 0	14 47	5 1	23 59	1 14	17 1	3 59	22 40	0 2	22 50	0 11	14 3	1 0	3 30	0 42	1 8	1 16
F 11	21 51	11 34	4 58	23 55	1 19	17 8	4 0	22 45	0 3	22 49	0 11	14 4	1 0	3 30	0 42	1 9	1 16
S 12	21 42	7 53	4 41	23 49	1 24	17 16	4 1	22 49	0 3	22 48	0 11	14 6	1 0	3 31	0 42	1 9	1 16
S 13	21 33	3 58	4 10	23 42	1 29	17 24	4 1	22 54	0 4	22 47	0 11	14 7	1 1	3 31	0 42	1 9	1 16
M14	21 23	0n 3	3 29	23 34	1 33	17 31	4 1	22 58	0 5	22 46	0 10	14 8	1 1	3 32	0 42	1 10	1 16
T 15	21 12	4 0	2 39	23 25	1 38	17 39	4 2	23 2	0 5	22 45	0 10	14 10	1 1	3 32	0 42	1 10	1 16
W16	21 1	7 46	1 42	23 14	1 42	17 47	4 1	23 6	0 6	22 44	0 10	14 11	1 1	3 33	0 42	1 11	1 16
T 17	20 50	11 14	0 42	23 1	1 46	17 55	4 1	23 9	0 7	22 43	0 10	14 13	1 1	3 33	0 42	1 11	1 16
F 18	20 39	14 15	0s21	22 48	1 49	18 3	4 1	23 13	0 7	22 42	0 10	14 14	1 1	3 34	0 42	1 11	1 16
S 19	20 27	16 43	1 24	22 33	1 52	18 11	4 0	23 16	0 8	22 41	0 10	14 16	1 2	3 34	0 42	1 12	1 16
S 20	20 14	18 28	2 24	22 16	1 55	18 18	3 59	23 19	0 9	22 40	0 10	14 17	1 2	3 35	0 42	1 12	1 16
M21	20 1	19 22	3 18	21 58	1 58	18 26	3 58	23 22	0 9	22 39	0 10	14 19	1 2	3 36	0 42	1 13	1 16
T 22	19 48	19 17	4 4	21 39	2 0	18 33	3 57	23 24	0 10	22 38	0 10	14 20	1 2	3 36	0 41	1 13	1 16
W23	19 35	18 8	4 38	21 18	2 2	18 41	3 56	23 26	0 11	22 37	0 10	14 22	1 2	3 37	0 41	1 14	1 15
T 24	19 21	15 56	4 57	20 56	2 4	18 48	3 54	23 28	0 11	22 35	0 10	14 24	1 2	3 38	0 41	1 14	1 15
F 25	19 7	12 47	4 59	20 33	2 5	18 55	3 52	23 30	0 12	22 34	0 10	14 25	1 2	3 39	0 41	1 15	1 15
S 26	18 52	8 49	4 42	20 8	2 6	19 2	3 51	23 32	0 13	22 33	0 10	14 27	1 3	3 39	0 41	1 15	1 15
S 27	18 37	4 19	4 7	19 42	2 7	19 8	3 49	23 33	0 13	22 32	0 9	14 28	1 3	3 40	0 41	1 16	1 15
M28	18 22	0s26	3 16	19 14	2 7	19 15	3 47	23 35	0 14	22 31	0 9	14 30	1 3	3 41	0 41	1 17	1 15
T 29	18 6	5 9	2 13	18 45	2 6	19 21	3 44	23 36	0 15	22 29	0 9	14 32	1 3	3 42	0 41	1 17	1 15
W30	17 50	9 33	1 2	18 14	2 6	19 27	3 42	23 36	0 16	22 28	0 9	14 33	1 3	3 42	0 41	1 18	1 15
T 31	17s34	13s22	0n12	17s42	2s 4	19s32	3n40	23s37	0s16	22s27	0n 9	14n35	1n 3	3n43	0s41	1n18	1s15

Julian Day Number = 2701370.5, Delta T = 26m02s

Ecliptic obliquity = 23°20'54, Nutation = 0°00'11

Ayanamsha: Fagan/Bradley = 34°18'32, Lahiri = 33°25'32

## ASTRODIENST EPHEMERIS for the year 2684

FEBRUARY 2684

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8 43 34	11°25'53	20°11'14	18°32'32	24°37'34	1°33'32	14°23'23	23°R34	11°Y 4	6°Y14	11°R48	3°R59	4°M18	17°Y50	10°R23	F 1
S 2	8 47 31	12°26'56	4°2'2	20°15'	25°36'	2°14'	14°36'	23°Ω29	11° 6	6°16'	11°Ω47	3°M57	4°15'	17°56'	10°Ω22	S 2
S 3	8 51 27	13°27'58	17°40'	21°58'	26°37'	2°56'	14°49'	23°24'	11° 9	6°17'	11°46'	3°54'	4°12'	18° 3'	10°21'	S 3
M 4	8 55 24	14°29'00	1°3'9	23°42'	27°39'	3°39'	15° 2'	23°19'	11°11'	6°19'	11°44'	3°47'	4° 9'	18°10'	10°20'	M 4
T 5	8 59 21	15°30'01	14°28'	25°25'	28°42'	4°21'	15°15'	23°15'	11°13'	6°20'	11°43'	3°37'	4° 5'	18°16'	10°19'	T 5
W 6	9 3 17	16°31'02	27°35'	27° 9'	29°44'	5° 3'	15°28'	23°10'	11°15'	6°22'	11°42'	3°25'	4° 2'	18°23'	10°17'	W 6
T 7	9 7 14	17°32'02	10°31'	28°52'	0°3'47	5°46'	15°40'	23° 5'	11°18'	6°23'	11°40'	3°12'	3°59'	18°30'	10°16'	T 7
F 8	9 11 10	18°33'01	23°13'	0°3'35	1°51'	6°28'	15°53'	23° 0'	11°20'	6°25'	11°39'	2°58'	3°56'	18°36'	10°14'	F 8
S 9	9 15 7	19°33'59	5°4'42	2°17'	2°54'	7°11'	16° 6'	22°55'	11°22'	6°27'	11°38'	2°46'	3°53'	18°43'	10°13'	S 9
S 10	9 19 3	20°34'56	17°57'	3°59'	3°58'	7°53'	16°18'	22°50'	11°25'	6°28'	11°36'	2°35'	3°49'	18°50'	10°11'	S 10
M11	9 23 0	21°35'52	29°59'	5°40'	5° 2'	8°36'	16°31'	22°45'	11°27'	6°30'	11°35'	2°28'	3°46'	18°56'	10° 9'	M11
T 12	9 26 56	22°36'48	11°Y54	7°19'	6° 7'	9°18'	16°43'	22°40'	11°30'	6°32'	11°34'	2°23'	3°43'	19° 3'	10° 7'	T 12
W13	9 30 53	23°37'41	23°42'	8°57'	7°12'	10° 1'	16°55'	22°35'	11°32'	6°34'	11°32'	2°21'	3°40'	19°10'	10° 4'	W13
T 14	9 34 50	24°38'34	5°B28	10°32'	8°17'	10°44'	17° 8'	22°30'	11°35'	6°35'	11°31'	2°D21	3°37'	19°16'	10° 2'	T 14
F 15	9 38 46	25°39'26	17°18'	12° 5'	9°22'	11°26'	17°20'	22°25'	11°37'	6°37'	11°30'	2°21'	3°34'	19°23'	10° 0'	F 15
S 16	9 42 43	26°40'16	29°17'	13°35'	10°27'	12° 9'	17°32'	22°21'	11°40'	6°39'	11°28'	2°R21	3°30'	19°29'	9°57'	S 16
S 17	9 46 39	27°41'04	11°II31	15° 1'	11°33'	12°52'	17°44'	22°16'	11°43'	6°41'	11°27'	2°20'	3°27'	19°36'	9°55'	S 17
M18	9 50 36	28°41'52	24° 5'	16°23'	12°39'	13°34'	17°56'	22°11'	11°45'	6°43'	11°26'	2°17'	3°24'	19°43'	9°52'	M18
T 19	9 54 32	29°42'38	7°B 3	17°39'	13°45'	14°17'	18° 8'	22° 6'	11°48'	6°45'	11°25'	2°12'	3°21'	19°49'	9°49'	T 19
W20	9 58 29	0°43'22	20°27'	18°50'	14°51'	15° 0'	18°20'	22° 1'	11°51'	6°47'	11°23'	2° 4'	3°18'	19°56'	9°46'	W20
T 21	10 2 25	1°44'05	4°Ω19	19°54'	15°58'	15°43'	18°32'	21°56'	11°54'	6°49'	11°22'	1°55'	3°15'	20° 3'	9°44'	T 21
F 22	10 6 22	2°44'47	18°36'	20°51'	17° 4'	16°26'	18°43'	21°51'	11°56'	6°51'	11°21'	1°45'	3°11'	20° 9'	9°40'	F 22
S 23	10 10 19	3°45'27	3°η13	21°40'	18°11'	17° 8'	18°55'	21°47'	11°59'	6°53'	11°20'	1°35'	3° 8'	20°16'	9°37'	S 23
S 24	10 14 15	4°46'06	18° 2'	22°21'	19°18'	17°51'	19° 7'	21°42'	12° 2'	6°54'	11°18'	1°27'	3° 5'	20°23'	9°34'	S 24
M25	10 18 12	5°46'43	2°Ω55	22°52'	20°26'	18°34'	19°18'	21°37'	12° 5'	6°56'	11°17'	1°22'	3° 2'	20°29'	9°31'	M25
T 26	10 22 8	6°47'20	17°44'	23°13'	21°33'	19°17'	19°29'	21°33'	12° 8'	6°58'	11°16'	1°19'	2°59'	20°36'	9°27'	T 26
W27	10 26 5	7°47'55	2°M22	23°24'	22°41'	20° 0'	19°41'	21°28'	12°11'	7° 1'	11°15'	1°D18	2°55'	20°43'	9°24'	W27
T 28	10 30 1	8°48'29	16°45'	23°R24	23°49'	20°43'	19°52'	21°23'	12°14'	7° 3'	11°14'	1°18'	2°52'	20°49'	9°20'	T 28
F 29	10 33 58	9°49'02	0°x50	23°K14	24°Ω56	21°Ω26	20°Ω 3	21°Ω19	12°Y17	7°Y 5	11°Ω12	1°M19	2°M49	20°Y56	9°Ω17	F 29

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
F 1	17s17	16s22	1n25	17s 9	2s 2	19s37	3n37	23s37	0s17	22s26	0n 9	14n37	1n 3	3n44	0s41	F 1
S 2	17 0	18 23	2 32	16 35	2 0	19 42	3 34	23 38	0 18	22 24	0 9	14 38	1 4	3 45	0 41	S 2
S 3	16 43	19 18	3 29	15 59	1 57	19 47	3 32	23 37	0 19	22 23	0 9	14 40	1 4	3 46	0 41	S 3
M 4	16 25	19 7	4 14	15 22	1 54	19 51	3 29	23 37	0 19	22 22	0 9	14 42	1 4	3 47	0 41	M 4
T 5	16 8	17 51	4 44	14 43	1 50	19 55	3 26	23 37	0 20	22 20	0 9	14 44	1 4	3 48	0 41	T 5
W 6	15 50	15 40	4 59	14 4	1 45	19 58	3 23	23 36	0 21	22 19	0 9	14 45	1 4	3 48	0 41	W 6
T 7	15 31	12 45	4 58	13 23	1 40	20 1	3 20	23 35	0 21	22 17	0 9	14 47	1 4	3 49	0 41	T 7
F 8	15 13	9 16	4 43	12 42	1 34	20 4	3 16	23 34	0 22	22 16	0 8	14 49	1 4	3 50	0 41	F 8
S 9	14 54	5 27	4 13	11 59	1 27	20 6	3 13	23 32	0 23	22 15	0 8	14 50	1 4	3 51	0 41	S 9
S 10	14 35	1 29	3 33	11 15	1 20	20 8	3 9	23 31	0 24	22 13	0 8	14 52	1 4	3 52	0 41	S 10
M11	14 15	2n30	2 43	10 31	1 12	20 9	3 6	23 29	0 24	22 12	0 8	14 54	1 5	3 53	0 41	M11
T 12	13 55	6 19	1 47	9 46	1 3	20 10	3 2	23 27	0 25	22 10	0 8	14 55	1 5	3 54	0 41	T 12
W13	13 36	9 53	0 46	9 1	0 54	20 11	2 59	23 24	0 26	22 9	0 8	14 57	1 5	3 55	0 41	W13
T 14	13 15	13 2	0s17	8 16	0 44	20 11	2 55	23 22	0 27	22 7	0 8	14 59	1 5	3 56	0 41	T 14
F 15	12 55	15 40	1 19	7 30	0 33	20 10	2 51	23 19	0 28	22 6	0 8	15 1	1 5	3 57	0 41	F 15
S 16	12 35	17 40	2 19	6 45	0 21	20 10	2 47	23 16	0 28	22 5	0 8	15 2	1 5	3 58	0 41	S 16
S 17	12 14	18 53	3 13	6 0	0 8	20 8	2 43	23 13	0 29	22 3	0 8	15 4	1 5	3 59	0 41	S 17
M18	11 53	19 13	4 0	5 17	0n 5	20 6	2 39	23 9	0 30	22 2	0 8	15 6	1 5	4 0	0 41	M18
T 19	11 32	18 34	4 36	4 34	0 19	20 4	2 35	23 6	0 31	22 0	0 8	15 7	1 5	4 2	0 41	T 19
W20	11 11	16 53	4 59	3 53	0 34	20 1	2 31	23 2	0 31	21 59	0 7	15 9	1 5	4 3	0 41	W20
T 21	10 49	14 10	5 4	3 14	0 49	19 58	2 27	22 58	0 32	21 57	0 7	15 10	1 5	4 4	0 41	T 21
F 22	10 27	10 34	4 52	2 38	1 4	19 54	2 23	22 53	0 33	21 56	0 7	15 12	1 5	4 5	0 40	F 22
S 23	10 6	6 15	4 20	2 4	1 20	19 49	2 19	22 49	0 34	21 54	0 7	15 14	1 6	4 6	0 40	S 23
S 24	9 44	1 29	3 30	1 34	1 36	19 45	2 15	22 44	0 35	21 52	0 7	15 15	1 6	4 7	0 40	S 24
M25	9 21	3s24	2 26	1 7	1 52	19 39	2 10	22 39	0 35	21 51	0 7	15 17	1 6	4 8	0 40	M25
T 26	8 59	8 3	1 12	0 44	2 7	19 33	2 6	22 34	0 36	21 49	0 7	15 18	1 6	4 9	0 40	T 26
W27	8 37	12 9	0n 6	0 26	2 22	19 27	2 2	22 28	0 37	21 48	0 7	15 20	1 6	4 11	0 40	W27
T 28	8 14	15 28	1 22	0 12	2 37	19 20	1 58	22 23	0 38	21 46	0 7	15 21	1 6	4 12	0 40	T 28
F 29	7s52	17s46	2n32	0s 4	2n51	19s12	1n53	22s17	0s39	21s45	0n 7	15n23	1n 6	4n13	0s40	F 29

Julian Day Number = 2701401.5, Delta T = 26m03s

Ecliptic obliquity = 23°20'54, Nutation = 0°00'11

Ayanamsha: Fagan/Bradley = 34°18'37, Lahiri = 33°25'37



# ASTRODIENST EPHEMERIS for the year 2684

APRIL 2684

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 40 8	11°52'00	4°14	14°15	2°15	14°38	25°35	19°R30	14°12	8°16	10°R44	0°R 8	1°11	24°29	6°R55	T 1
W 2	12 44 4	12°51'35	16°50	15° 9	3°21	15°22	25°12	19°R28	14° 5	8°18	10°R44	0°R 6	1° 4	24°35	6°R50	W 2
T 3	12 48 1	13°51'09	29°11	16° 6	4°32	16° 6	25°19	19°26	14° 9	8°20	10°43	0° 3	1° 1	24°42	6°R46	T 3
F 4	12 51 57	14°50'41	11°21	17° 5	5°43	16°50	25°26	19°24	14°12	8°22	10°43	0° 1	0°58	24°48	6°41	F 4
S 5	12 55 54	15°50'10	23°22	18° 7	6°54	17°34	25°33	19°22	14°15	8°25	10°42	29°R58	0°55	24°55	6°36	S 5
S 6	12 59 50	16°49'38	5°16	19°12	8° 5	18°18	25°40	19°21	14°19	8°27	10°42	29°57	0°52	25° 2	6°32	S 6
M 7	13 3 47	17°49'04	17° 5	20°19	9°17	19° 2	25°47	19°19	14°22	8°29	10°41	29°56	0°48	25° 8	6°27	M 7
T 8	13 7 43	18°48'28	28°53	21°29	10°28	19°45	25°53	19°18	14°26	8°31	10°41	29°D55	0°45	25°15	6°23	T 8
W 9	13 11 40	19°47'50	10°R40	22°41	11°40	20°29	25°59	19°17	14°29	8°34	10°41	29°56	0°42	25°22	6°18	W 9
T 10	13 15 37	20°47'10	22°29	23°54	12°51	21°13	26° 6	19°16	14°32	8°36	10°40	29°56	0°39	25°28	6°13	T 10
F 11	13 19 33	21°46'28	4°12	25°10	14° 3	21°57	26°12	19°15	14°36	8°38	10°40	29°57	0°36	25°35	6° 9	F 11
S 12	13 23 30	22°45'44	16°26	26°28	15°14	22°41	26°18	19°14	14°39	8°40	10°40	29°58	0°32	25°42	6° 5	S 12
S 13	13 27 26	23°44'57	28°41	27°47	16°26	23°25	26°23	19°13	14°43	8°43	10°39	29°59	0°29	25°48	6° 0	S 13
M14	13 31 23	24°44'08	11°R11	29° 8	17°37	24°10	26°29	19°12	14°46	8°45	10°39	29°59	0°26	25°55	5°56	M14
T 15	13 35 19	25°43'17	24° 0	0°Y32	18°49	24°54	26°34	19°12	14°49	8°47	10°39	29°R59	0°23	26° 2	5°52	T 15
W16	13 39 16	26°42'24	7°R13	1°56	20° 1	25°38	26°39	19°11	14°53	8°49	10°39	29°59	0°20	26° 8	5°47	W16
T 17	13 43 12	27°41'28	20°50	3°23	21°12	26°22	26°45	19°11	14°56	8°51	10°39	29°59	0°17	26°15	5°43	T 17
F 18	13 47 9	28°40'30	4°R55	4°51	22°24	27° 6	26°49	19°11	15° 0	8°54	10°39	29°59	0°13	26°21	5°39	F 18
S 19	13 51 5	29°39'30	19°24	6°21	23°36	27°50	26°54	19°10	15° 3	8°56	10°38	29°D59	0°10	26°28	5°35	S 19
S 20	13 55 2	0°R38'27	4°R16	7°52	24°48	28°34	26°59	19°D10	15° 6	8°58	10°38	29°59	0° 7	26°35	5°31	S 20
M21	13 58 59	1°37'22	19°22	9°25	26° 0	29°18	27° 3	19°10	15°10	9° 0	10°38	29°59	0° 4	26°41	5°27	M21
T 22	14 2 55	2°36'15	4°R36	11° 0	27°12	0°R 2	27° 7	19°11	15°13	9° 2	10°38	29°R59	0° 1	26°48	5°23	T 22
W23	14 6 52	3°35'07	19°46	12°36	28°23	0°46	27°11	19°11	15°16	9° 4	10°D38	29°59	29°R58	26°55	5°19	W23
T 24	14 10 48	4°33'56	4°R44	14°14	29°35	1°30	27°15	19°11	15°19	9° 6	10°38	29°58	29°54	27° 1	5°15	T 24
F 25	14 14 45	5°32'44	19°21	15°53	0°Y47	2°15	27°19	19°12	15°23	9° 8	10°38	29°58	29°51	27° 8	5°12	F 25
S 26	14 18 41	6°31'30	3°R35	17°34	1°59	2°59	27°23	19°13	15°26	9°11	10°38	29°57	29°48	27°15	5° 8	S 26
S 27	14 22 38	7°30'15	17°20	19°17	3°11	3°43	27°26	19°13	15°29	9°13	10°39	29°56	29°45	27°21	5° 5	S 27
M28	14 26 34	8°28'57	0°R40	21° 1	4°24	4°27	27°29	19°14	15°32	9°15	10°39	29°56	29°42	27°28	5° 1	M28
T 29	14 30 31	9°27'38	13°34	22°47	5°36	5°11	27°32	19°15	15°36	9°17	10°39	29°D56	29°38	27°35	4°58	T 29
W30	14 34 28	10°26'18	26°R 7	24°Y34	6°Y48	5°R55	27°R35	19°R16	15°Y39	9°Y19	10°R39	29°R56	29°R35	27°Y41	4°R54	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
T 1	4n40	14s 1	5n15	7s 7	1s 1	10s57	0s19	17s26	1s 6	20s58	0n 4	15n58	1n 7	4n54	0s40	T 1
W 2	5 4	10 55	5 3	6 55	1 11	10 35	0 22	17 14	1 7	20 57	0 4	15 59	1 7	4 55	0 40	W 2
T 3	5 27	7 23	4 36	6 42	1 20	10 13	0 26	17 1	1 7	20 56	0 4	15 59	1 7	4 57	0 40	T 3
F 4	5 50	3 37	3 58	6 26	1 28	9 50	0 29	16 49	1 8	20 55	0 4	16 0	1 7	4 58	0 40	F 4
S 5	6 13	0n16	3 9	6 9	1 36	9 27	0 32	16 37	1 9	20 54	0 4	16 0	1 6	4 59	0 40	S 5
S 6	6 35	4 7	2 13	5 51	1 44	9 3	0 36	16 24	1 10	20 52	0 3	16 1	1 6	5 1	0 40	S 6
M 7	6 58	7 47	1 11	5 31	1 51	8 40	0 39	16 11	1 11	20 51	0 3	16 1	1 6	5 2	0 40	M 7
T 8	7 20	11 8	0 6	5 9	1 57	8 16	0 42	15 58	1 12	20 50	0 3	16 2	1 6	5 3	0 40	T 8
W 9	7 43	14 2	0s59	4 47	2 3	7 51	0 45	15 45	1 13	20 49	0 3	16 2	1 6	5 5	0 40	W 9
T 10	8 5	16 21	2 2	4 22	2 8	7 27	0 48	15 32	1 14	20 48	0 3	16 2	1 6	5 6	0 40	T 10
F 11	8 27	17 59	3 0	3 57	2 13	7 2	0 51	15 19	1 14	20 47	0 3	16 3	1 6	5 7	0 40	F 11
S 12	8 49	18 50	3 51	3 30	2 17	6 37	0 54	15 5	1 15	20 46	0 3	16 3	1 6	5 8	0 40	S 12
S 13	9 11	18 48	4 32	3 2	2 21	6 12	0 57	14 51	1 16	20 45	0 3	16 3	1 6	5 10	0 40	S 13
M14	9 33	17 53	5 1	2 33	2 25	5 47	0 59	14 38	1 17	20 44	0 3	16 3	1 6	5 11	0 40	M14
T 15	9 54	16 2	5 16	2 3	2 27	5 21	1 2	14 24	1 18	20 43	0 3	16 4	1 6	5 12	0 40	T 15
W16	10 16	13 18	5 16	1 31	2 30	4 56	1 4	14 10	1 19	20 42	0 2	16 4	1 6	5 14	0 40	W16
T 17	10 37	9 47	4 57	0 59	2 32	4 30	1 7	13 56	1 20	20 41	0 2	16 4	1 6	5 15	0 40	T 17
F 18	10 58	5 37	4 21	0 25	2 33	4 4	1 9	13 42	1 20	20 41	0 2	16 4	1 6	5 16	0 40	F 18
S 19	11 19	1 0	3 27	0n 9	2 34	3 38	1 12	13 27	1 21	20 40	0 2	16 4	1 6	5 18	0 40	S 19
S 20	11 39	3s48	2 18	0 45	2 34	3 12	1 14	13 13	1 22	20 39	0 2	16 4	1 6	5 19	0 40	S 20
M21	12 0	8 28	0 59	1 22	2 34	2 45	1 16	12 58	1 23	20 38	0 2	16 4	1 6	5 20	0 40	M21
T 22	12 20	12 36	0n26	1 59	2 33	2 19	1 18	12 44	1 24	20 38	0 2	16 4	1 6	5 21	0 40	T 22
W23	12 40	15 53	1 48	2 38	2 32	1 52	1 20	12 29	1 25	20 37	0 2	16 4	1 6	5 23	0 40	W23
T 24	13 0	18 1	3 2	3 17	2 30	1 25	1 22	12 14	1 26	20 36	0 2	16 3	1 6	5 24	0 40	T 24
F 25	13 19	18 54	4 2	3 57	2 28	0 58	1 24	11 59	1 26	20 36	0 1	16 3	1 6	5 25	0 40	F 25
S 26	13 39	18 33	4 45	4 38	2 25	0 31	1 26	11 44	1 27	20 35	0 1	16 3	1 6	5 26	0 40	S 26
S 27	13 58	17 6	5 10	5 20	2 22	0 5	1 28	11 29	1 28	20 34	0 1	16 3	1 6	5 28	0 40	S 27
M28	14 17	14 45	5 18	6 2	2 18	0n22	1 29	11 13	1 29	20 34	0 1	16 2	1 6	5 29	0 40	M28
T 29	14 35	11 45	5 9	6 45	2 14	0 50	1 31	10 58	1 30	20 33	0 1	16 2	1 6	5 30	0 40	T 29
W30	14n54	8s17	4n45	7n29	2s 9	1n17	1s32	10s43	1s31	20s33	0n 1	16n 2	1n 6	5n31	0s40	W30

Julian Day Number = 2701461.5, Delta T = 26m04s  
 Ecliptic obliquity = 23°20'54", Nutation = 0°00'09"  
 Ayanamsha: Fagan/Bradley = 34°18'45", Lahiri = 33°25'45"

## ASTRODIENST EPHEMERIS for the year 2684

MAY 2684

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 38 24	11°8'24"55	8°8'22	26°23	8°0	6°40	27°38	19°17	15°42	9°21	10°39	29°57	29°32	27°48	4°51	T 1
F 2	14 42 21	12°23'31	20°25	28°14	9°12	7°24	27°40	19°19	15°45	9°23	10°39	29°58	29°29	27°55	4°48	F 2
S 3	14 46 17	13°22'05	2°19	0°8	10°24	8°8	27°42	19°20	15°48	9°25	10°40	29°59	29°26	28°1	4°45	S 3
S 4	14 50 14	14°20'38	14°7	2°0	11°36	8°52	27°44	19°21	15°51	9°27	10°40	0°1	29°23	28°8	4°42	S 4
M 5	14 54 10	15°19'09	25°54	3°55	12°49	9°36	27°46	19°23	15°55	9°29	10°40	0°R 1	29°19	28°14	4°39	M 5
T 6	14 58 7	16°17'38	7°41	5°53	14°1	10°21	27°48	19°25	15°58	9°31	10°41	0°1	29°16	28°21	4°37	T 6
W 7	15 2 3	17°16'05	19°31	7°51	15°13	11°5	27°50	19°26	16°1	9°32	10°41	29°59	29°13	28°28	4°34	W 7
T 8	15 6 0	18°14'31	1°12	9°52	16°26	11°49	27°51	19°28	16°4	9°34	10°41	29°58	29°10	28°34	4°31	T 8
F 9	15 9 57	19°12'55	13°31	11°54	17°38	12°33	27°52	19°30	16°7	9°36	10°42	29°55	29°7	28°41	4°29	F 9
S 10	15 13 53	20°11'17	25°44	13°57	18°50	13°17	27°53	19°32	16°10	9°38	10°42	29°52	29°3	28°48	4°26	S 10
S 11	15 17 50	21°9'37	8°8	16°2	20°2	14°1	27°54	19°35	16°13	9°40	10°43	29°49	29°0	28°54	4°24	S 11
M 12	15 21 46	22°7'54	20°46	18°8	21°15	14°45	27°54	19°37	16°16	9°42	10°43	29°46	28°57	29°1	4°22	M 12
T 13	15 25 43	23°6'10	3°13	20°15	22°27	15°30	27°55	19°39	16°18	9°43	10°44	29°44	28°54	29°8	4°20	T 13
W 14	15 29 39	24°4'24	16°50	22°23	23°40	16°14	27°55	19°42	16°21	9°45	10°44	29°43	28°51	29°14	4°18	W 14
T 15	15 33 36	25°2'36	0°12	24°32	24°52	16°58	27°55	19°45	16°24	9°47	10°45	29°43	28°48	29°21	4°16	T 15
F 16	15 37 32	26°0'46	14°14	26°42	26°4	17°42	27°55	19°47	16°27	9°49	10°45	29°44	28°44	29°28	4°14	F 16
S 17	15 41 29	26°58'54	28°28	28°52	27°17	18°26	27°55	19°50	16°30	9°50	10°46	29°45	28°41	29°34	4°12	S 17
S 18	15 45 26	27°57'00	13°2	1°12	28°29	19°10	27°54	19°53	16°33	9°52	10°47	29°46	28°38	29°41	4°11	S 18
M 19	15 49 22	28°55'04	27°52	3°13	29°42	19°54	27°53	19°56	16°35	9°54	10°47	29°47	28°35	29°47	4°9	M 19
T 20	15 53 19	29°53'07	12°53	5°23	0°54	20°38	27°52	19°59	16°38	9°55	10°48	29°46	28°32	29°54	4°8	T 20
W 21	15 57 15	0°15'07	27°55	7°32	2°7	21°22	27°51	20°2	16°41	9°57	10°49	29°44	28°29	0°1	4°7	W 21
T 22	16 1 12	1°49'07	12°53	9°40	3°19	22°6	27°50	20°6	16°43	9°59	10°49	29°41	28°25	0°7	4°6	T 22
F 23	16 5 8	2°47'04	27°33	11°47	4°31	22°50	27°48	20°9	16°46	10°0	10°50	29°37	28°22	0°14	4°5	F 23
S 24	16 9 5	3°45'01	11°53	13°53	5°44	23°34	27°47	20°12	16°49	10°2	10°51	29°31	28°19	0°21	4°4	S 24
S 25	16 13 1	4°42'56	25°47	15°57	6°57	24°18	27°45	20°16	16°51	10°3	10°52	29°27	28°16	0°27	4°3	S 25
M 26	16 16 58	5°40'49	9°13	17°58	8°9	25°2	27°43	20°20	16°54	10°5	10°53	29°23	28°13	0°34	4°2	M 26
T 27	16 20 55	6°38'42	22°12	19°58	9°22	25°46	27°41	20°23	16°56	10°6	10°53	29°20	28°9	0°41	4°2	T 27
W 28	16 24 51	7°36'33	4°48	21°55	10°34	26°29	27°38	20°27	16°59	10°7	10°54	29°19	28°6	0°47	4°1	W 28
T 29	16 28 48	8°34'23	17°3	23°50	11°47	27°13	27°36	20°31	17°1	10°9	10°55	29°19	28°3	0°54	4°1	T 29
F 30	16 32 44	9°32'12	29°5	25°42	12°59	27°57	27°33	20°35	17°4	10°10	10°56	29°21	28°0	1°1	4°1	F 30
S 31	16 36 41	10°30'00	10°56	27°31	14°12	28°41	27°30	20°39	17°6	10°12	10°57	29°22	27°57	1°7	4°0	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
T 1	15n12	4s32	4n 9	8n13	2s 4	1n44	1s34	10s27	1s32	20s33	0n 1	16n 1	1n 6	5n32	0s40	2n32
F 2	15 30	0 40	3 23	8 57	1 59	2 11	1 35	10 11	1 32	20 32	0 1	16 1	1 6	5 34	0 40	2 33
S 3	15 48	3n11	2 28	9 43	1 52	2 38	1 36	9 56	1 33	20 32	0 1	16 1	1 6	5 35	0 40	2 34
S 4	16 5	6 53	1 27	10 28	1 46	3 5	1 37	9 40	1 34	20 32	0 0	16 0	1 6	5 36	0 40	2 35
M 5	16 22	10 19	0 23	11 14	1 39	3 32	1 38	9 24	1 35	20 31	0 0	15 59	1 6	5 37	0 40	2 35
T 6	16 39	13 21	0s42	12 0	1 31	3 59	1 39	9 8	1 36	20 31	0 0	15 59	1 6	5 38	0 40	2 36
W 7	16 55	15 51	1 46	12 46	1 23	4 26	1 40	8 52	1 36	20 31	0 0	15 58	1 6	5 40	0 40	2 37
T 8	17 12	17 40	2 45	13 32	1 14	4 53	1 41	8 36	1 37	20 31	0 0	15 58	1 6	5 41	0 40	2 37
F 9	17 28	18 44	3 38	14 18	1 6	5 20	1 42	8 20	1 38	20 31	0s 0	15 57	1 6	5 42	0 40	2 38
S 10	17 43	18 56	4 21	15 4	0 56	5 46	1 42	8 4	1 39	20 31	0 0	15 56	1 5	5 43	0 40	2 39
S 11	17 59	18 14	4 53	15 49	0 47	6 13	1 43	7 48	1 40	20 31	0 0	15 56	1 5	5 44	0 40	2 39
M 12	18 14	16 37	5 11	16 34	0 37	6 40	1 43	7 32	1 41	20 31	0 0	15 55	1 5	5 45	0 40	2 40
T 13	18 29	14 10	5 14	17 18	0 27	7 6	1 44	7 15	1 41	20 31	0 1	15 54	1 5	5 46	0 40	2 41
W 14	18 43	10 56	5 1	18 2	0 17	7 32	1 44	6 59	1 42	20 31	0 1	15 53	1 5	5 47	0 40	2 41
T 15	18 57	7 4	4 31	18 44	0 6	7 59	1 44	6 43	1 43	20 31	0 1	15 52	1 5	5 48	0 40	2 42
F 16	19 11	2 43	3 45	19 25	0n 4	8 25	1 44	6 26	1 44	20 31	0 1	15 51	1 5	5 50	0 40	2 43
S 17	19 25	1s54	2 44	20 4	0 15	8 50	1 44	6 10	1 44	20 31	0 1	15 51	1 5	5 51	0 40	2 43
S 18	19 38	6 31	1 31	20 42	0 25	9 16	1 44	5 53	1 45	20 31	0 1	15 50	1 5	5 52	0 40	2 44
M 19	19 50	10 50	0 11	21 18	0 36	9 42	1 44	5 37	1 46	20 32	0 1	15 49	1 5	5 53	0 40	2 45
T 20	20 3	14 31	1n11	21 52	0 46	10 7	1 44	5 20	1 47	20 32	0 1	15 48	1 5	5 54	0 40	2 45
W 21	20 15	17 13	2 28	22 24	0 56	10 32	1 44	5 4	1 47	20 32	0 2	15 47	1 5	5 55	0 40	2 46
T 22	20 27	18 43	3 34	22 54	1 5	10 57	1 44	4 47	1 48	20 33	0 2	15 46	1 5	5 56	0 40	2 46
F 23	20 38	18 55	4 25	23 21	1 15	11 21	1 43	4 30	1 49	20 33	0 2	15 44	1 5	5 57	0 40	2 47
S 24	20 49	17 53	4 58	23 45	1 23	11 46	1 43	4 14	1 50	20 34	0 2	15 43	1 5	5 58	0 40	2 48
S 25	21 0	15 48	5 12	24 7	1 31	12 10	1 42	3 57	1 50	20 34	0 2	15 42	1 5	5 59	0 40	2 48
M 26	21 10	12 56	5 8	24 27	1 39	12 34	1 42	3 40	1 51	20 35	0 2	15 41	1 5	6 0	0 40	2 49
T 27	21 20	9 31	4 48	24 44	1 46	12 58	1 41	3 24	1 52	20 35	0 2	15 40	1 5	6 0	0 40	2 49
W 28	21 30	5 46	4 15	24 58	1 52	13 21	1 40	3 7	1 53	20 36	0 3	15 39	1 5	6 1	0 40	2 50
T 29	21 39	1 52	3 30	25 9	1 57	13 44	1 39	2 50	1 53	20 36	0 3	15 37	1 5	6 2	0 40	2 50
F 30	21 48	2n 3	2 38	25 19	2 2	14 7	1 39	2 33	1 54	20 37	0 3	15 36	1 5	6 3	0 40	2 51
S 31	21n56	5n50	1n39	25n25	2n 6	14n29	1s38	2s17	1s55	20s38	0s 3	15n35	1n 5	6n 4	0s40	2n51

Julian Day Number = 2701491.5, Delta T = 26m04s

Ecliptic obliquity = 23°20'54, Nutation = 0°00'08

Ayanamsha: Fagan/Bradley = 34°18'49, Lahiri = 33°25'49

## ASTRODIENST EPHEMERIS for the year 2684

JUNE 2684

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 40 37	11°12'47	22°43'	29°17'	15°25'	29°17'	27°27'	20°43'	17°8'	10°13'	10°58'	29°23'	27°54'	18°14'	4°0'	S 1
M 2	16 44 34	12°25'32	48°30'	19°1'	16°37'	0°8'	27°24'	20°48'	17°10'	10°14'	10°59'	29°23'	27°50'	1°20'	4°0'	M 2
T 3	16 48 30	13°23'17	16°20'	2°41'	17°50'	0°52'	27°20'	20°52'	17°13'	10°16'	11°0'	29°22'	27°47'	1°27'	4°1'	T 3
W 4	16 52 27	14°21'00	28°17'	4°18'	19°3'	1°36'	27°16'	20°57'	17°15'	10°17'	11°1'	29°18'	27°44'	1°34'	4°1'	W 4
T 5	16 56 24	15°18'42	10°23'	5°52'	20°15'	2°19'	27°13'	21°1'	17°17'	10°18'	11°2'	29°13'	27°41'	1°40'	4°1'	T 5
F 6	17 0 20	16°16'23	22°39'	7°23'	21°28'	3°3'	27°9'	21°6'	17°19'	10°19'	11°3'	29°5'	27°38'	1°47'	4°2'	F 6
S 7	17 4 17	17°14'03	5°5'	8°51'	22°41'	3°46'	27°4'	21°10'	17°21'	10°20'	11°4'	28°57'	27°35'	1°54'	4°3'	S 7
S 8	17 8 13	18°11'42	17°48'	10°15'	23°54'	4°30'	27°0'	21°15'	17°23'	10°21'	11°5'	28°48'	27°31'	2°0'	4°3'	S 8
M 9	17 12 10	19°9'19	0°41'	11°36'	25°6'	5°13'	26°56'	21°20'	17°25'	10°23'	11°6'	28°40'	27°28'	2°7'	4°4'	M 9
T 10	17 16 6	20°6'55	13°47'	12°54'	26°19'	5°57'	26°51'	21°25'	17°27'	10°24'	11°7'	28°33'	27°25'	2°14'	4°5'	T 10
W 11	17 20 3	21°4'29	27°7'	14°8'	27°32'	6°40'	26°46'	21°30'	17°29'	10°25'	11°9'	28°29'	27°22'	2°20'	4°6'	W 11
T 12	17 23 59	22°2'02	10°40'	15°19'	28°45'	7°23'	26°41'	21°35'	17°31'	10°26'	11°10'	28°26'	27°19'	2°27'	4°8'	T 12
F 13	17 27 56	22°59'34	24°28'	16°27'	29°57'	8°7'	26°36'	21°40'	17°33'	10°27'	11°11'	28°26'	27°15'	2°34'	4°9'	F 13
S 14	17 31 53	23°57'05	8°31'	17°30'	1°10'	8°50'	26°31'	21°45'	17°35'	10°28'	11°12'	28°26'	27°12'	2°40'	4°10'	S 14
S 15	17 35 49	24°54'34	22°48'	18°31'	2°23'	9°33'	26°26'	21°50'	17°37'	10°29'	11°13'	28°27'	27°9'	2°47'	4°12'	S 15
M 16	17 39 46	25°52'02	7°17'	19°27'	3°36'	10°16'	26°20'	21°56'	17°38'	10°29'	11°15'	28°27'	27°6'	2°54'	4°13'	M 16
T 17	17 43 42	26°49'29	2°16'	20°20'	4°48'	10°59'	26°14'	22°1'	17°40'	10°30'	11°16'	28°25'	27°3'	3°0'	4°15'	T 17
W 18	17 47 39	27°46'55	6°39'	21°9'	6°1'	11°42'	26°9'	22°7'	17°42'	10°31'	11°17'	28°20'	27°0'	3°7'	4°17'	W 18
T 19	17 51 35	28°44'20	21°19'	21°54'	7°14'	12°25'	26°3'	22°12'	17°43'	10°32'	11°18'	28°14'	26°56'	3°13'	4°19'	T 19
F 20	17 55 32	29°41'44	5°34'	22°35'	8°27'	13°8'	25°57'	22°18'	17°45'	10°33'	11°20'	28°5'	26°53'	3°20'	4°21'	F 20
S 21	17 59 29	0°39'07	20°2'	23°12'	9°40'	13°51'	25°50'	22°24'	17°47'	10°33'	11°21'	27°55'	26°50'	3°27'	4°23'	S 21
S 22	18 3 25	1°36'29	3°53'	23°44'	10°53'	14°33'	25°44'	22°29'	17°48'	10°34'	11°22'	27°46'	26°47'	3°33'	4°26'	S 22
M 23	18 7 22	2°33'51	17°19'	24°13'	12°6'	15°16'	25°38'	22°35'	17°49'	10°35'	11°24'	27°37'	26°44'	3°40'	4°28'	M 23
T 24	18 11 18	3°31'12	0°20'	24°37'	13°19'	15°59'	25°31'	22°41'	17°51'	10°35'	11°25'	27°31'	26°41'	3°47'	4°31'	T 24
W 25	18 15 15	4°28'33	12°57'	24°56'	14°32'	16°41'	25°25'	22°47'	17°52'	10°36'	11°26'	27°26'	26°37'	3°53'	4°33'	W 25
T 26	18 19 11	5°25'54	25°15'	25°11'	15°45'	17°24'	25°18'	22°53'	17°54'	10°37'	11°28'	27°24'	26°34'	4°0'	4°36'	T 26
F 27	18 23 8	6°23'14	7°17'	25°21'	16°58'	18°6'	25°11'	22°59'	17°55'	10°37'	11°29'	27°24'	26°31'	4°7'	4°39'	F 27
S 28	18 27 4	7°20'33	19°10'	25°27'	18°10'	18°48'	25°4'	23°5'	17°56'	10°38'	11°31'	27°24'	26°28'	4°13'	4°42'	S 28
S 29	18 31 1	8°17'53	0°57'	25°29'	19°24'	19°31'	24°57'	23°11'	17°57'	10°38'	11°32'	27°24'	26°25'	4°20'	4°45'	S 29
M 30	18 34 58	9°15'12	12°46'	25°25'	20°37'	20°13'	24°50'	23°18'	17°58'	10°39'	11°34'	27°23'	26°21'	4°27'	4°48'	M 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	22n 4	9n22	0n36	25n30	2n 9	14n51	1s37	2s 0	1s55	20s38	0s 3	15n33	1n 5	6n 5	0s40	2n52
M 2	22 12	12 32	0s28	25 32	2 11	15 13	1 36	1 43	1 56	20 39	0 3	15 32	1 5	6 6	0 40	2 52
T 3	22 19	15 13	1 31	25 32	2 13	15 34	1 34	1 27	1 57	20 40	0 3	15 30	1 5	6 7	0 41	2 53
W 4	22 26	17 16	2 30	25 30	2 13	15 55	1 33	1 10	1 57	20 41	0 3	15 29	1 5	6 7	0 41	2 53
T 5	22 33	18 34	3 23	25 26	2 13	16 16	1 32	0 53	1 58	20 42	0 4	15 28	1 5	6 8	0 41	2 53
F 6	22 39	19 1	4 8	25 20	2 12	16 36	1 31	0 37	1 59	20 43	0 4	15 26	1 5	6 9	0 41	2 54
S 7	22 44	18 34	4 41	25 13	2 10	16 56	1 29	0 20	1 59	20 44	0 4	15 25	1 5	6 10	0 41	2 54
S 8	22 50	17 11	5 2	25 4	2 7	17 15	1 28	0 3	2 0	20 45	0 4	15 23	1 5	6 11	0 41	2 55
M 9	22 54	14 56	5 7	24 54	2 4	17 34	1 26	0n13	2 1	20 46	0 4	15 21	1 5	6 11	0 41	2 55
T 10	22 59	11 53	4 57	24 42	1 59	17 53	1 25	0 30	2 1	20 47	0 4	15 20	1 5	6 12	0 41	2 55
W 11	23 3	8 12	4 30	24 30	1 54	18 11	1 23	0 46	2 2	20 48	0 4	15 18	1 5	6 13	0 41	2 56
T 12	23 7	4 1	3 48	24 16	1 48	18 29	1 22	1 3	2 2	20 49	0 5	15 17	1 5	6 13	0 41	2 56
F 13	23 10	0s27	2 52	24 1	1 41	18 46	1 20	1 19	2 3	20 50	0 5	15 15	1 5	6 14	0 41	2 56
S 14	23 13	4 58	1 45	23 46	1 34	19 2	1 18	1 36	2 4	20 51	0 5	15 13	1 5	6 15	0 41	2 57
S 15	23 15	9 18	0 30	23 29	1 26	19 19	1 16	1 52	2 4	20 52	0 5	15 12	1 5	6 15	0 41	2 57
M 16	23 17	13 9	0n47	23 12	1 16	19 34	1 14	2 8	2 5	20 53	0 5	15 10	1 5	6 16	0 41	2 57
T 17	23 19	16 13	2 2	22 55	1 6	19 50	1 13	2 25	2 5	20 55	0 5	15 8	1 5	6 17	0 41	2 58
W 18	23 20	18 13	3 10	22 37	0 56	20 4	1 11	2 41	2 6	20 56	0 5	15 6	1 5	6 17	0 41	2 58
T 19	23 21	19 0	4 4	22 18	0 44	20 18	1 9	2 57	2 6	20 57	0 6	15 4	1 5	6 18	0 41	2 58
F 20	23 21	18 32	4 42	22 0	0 32	20 32	1 7	3 13	2 7	20 58	0 6	15 3	1 5	6 19	0 41	2 59
S 21	23 21	16 53	5 1	21 41	0 20	20 45	1 5	3 29	2 7	21 0	0 6	15 1	1 4	6 19	0 41	2 59
S 22	23 20	14 18	5 2	21 22	0 6	20 58	1 2	3 45	2 8	21 1	0 6	14 59	1 4	6 20	0 41	2 59
M 23	23 19	11 2	4 47	21 4	0s 8	21 10	1 0	4 1	2 8	21 2	0 6	14 57	1 4	6 20	0 41	2 59
T 24	23 18	7 19	4 16	20 45	0 22	21 21	0 58	4 17	2 9	21 4	0 6	14 55	1 4	6 21	0 41	2 59
W 25	23 16	3 22	3 34	20 27	0 38	21 32	0 56	4 33	2 9	21 5	0 6	14 53	1 4	6 21	0 41	3 0
T 26	23 14	0n37	2 43	20 9	0 53	21 42	0 54	4 48	2 10	21 6	0 7	14 51	1 4	6 22	0 41	3 0
F 27	23 12	4 30	1 45	19 51	1 9	21 52	0 51	5 4	2 10	21 8	0 7	14 49	1 4	6 22	0 41	3 0
S 28	23 9	8 9	0 44	19 34	1 25	22 1	0 49	5 20	2 10	21 9	0 7	14 47	1 4	6 22	0 41	3 0
S 29	23 5	11 28	0s19	19 18	1 42	22 9	0 47	5 35	2 11	21 10	0 7	14 45	1 4	6 23	0 41	3 0
M 30	23n 2	14n19	1s21	19n 2	1s58	22n17	0s44	5n50	2s11	21s12	0s 7	14n43	1n 4	6n23	0s41	3n 0

Julian Day Number = 2701522.5, Delta T = 26m04s

Ecliptic obliquity = 23°20'53, Nutation = 0°00'07

Ayanamsha: Fagan/Bradley = 34°18'53, Lahiri = 33°25'53

## ASTRODIENST EPHEMERIS for the year 2684

JULY 2684

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 38 54	10°12'31"	24°40'	25°R18	21°II50	20°V55	24°R43	23°Ω24	17°V59	10°V39	11°Ω35	27°R20	26°Ω18	4°Ω33	4°Ω51	T 1
W 2	18 42 51	11° 9'49"	6°II43	25°Ω 6	23° 3	21°37	24°Ω36	23°30	18° 0	10°39	11°37	27°Ω14	26°15	4°40	4°55	W 2
T 3	18 46 47	12° 7'08"	18°59	24°50	24°16	22°19	24°28	23°37	18° 1	10°40	11°38	27° 6	26°12	4°46	4°58	T 3
F 4	18 50 44	13° 4'26"	1°Ω30	24°30	25°29	23° 1	24°21	23°43	18° 2	10°40	11°40	26°56	26° 9	4°53	5° 2	F 4
S 5	18 54 40	14° 1'43"	14°16	24° 6	26°42	23°42	24°14	23°49	18° 3	10°40	11°41	26°44	26° 6	5° 0	5° 5	S 5
S 6	18 58 37	14°59'01"	27°17	23°40	27°55	24°24	24° 6	23°56	18° 4	10°41	11°43	26°31	26° 2	5° 6	5° 9	S 6
M 7	19 2 33	15°56'17"	10°Ω31	23°10	29° 8	25° 5	23°59	24° 3	18° 5	10°41	11°44	26°20	25°59	5°13	5°13	M 7
T 8	19 6 30	16°53'34"	23°58	22°38	0°Ω21	25°47	23°51	24° 9	18° 6	10°41	11°46	26°10	25°56	5°20	5°17	T 8
W 9	19 10 27	17°50'50"	7°Ω35	22° 4	1°35	26°28	23°43	24°16	18° 6	10°41	11°47	26° 3	25°53	5°26	5°21	W 9
T 10	19 14 23	18°48'05"	21°22	21°29	2°48	27° 9	23°36	24°23	18° 7	10°41	11°49	25°58	25°50	5°33	5°25	T 10
F 11	19 18 20	19°45'20"	5°Ω16	20°53	4° 1	27°51	23°28	24°29	18° 7	10°41	11°50	25°56	25°47	5°40	5°30	F 11
S 12	19 22 16	20°42'35"	19°17	20°16	5°14	28°32	23°20	24°36	18° 8	10°41	11°52	25°56	25°43	5°46	5°34	S 12
S 13	19 26 13	21°39'49"	3°Ω25	19°41	6°27	29°12	23°13	24°43	18° 8	10°41	11°54	25°56	25°40	5°53	5°38	S 13
M14	19 30 9	22°37'03"	17°38	19° 6	7°41	29°53	23° 5	24°50	18° 9	10°41	11°55	25°55	25°37	6° 0	5°43	M14
T 15	19 34 6	23°34'16"	1°Ω55	18°33	8°54	0°Ω34	22°57	24°57	18° 9	10°41	11°57	25°52	25°34	6° 6	5°47	T 15
W16	19 38 2	24°31'29"	16°14	18° 3	10° 7	1°14	22°50	25° 4	18°10	10°41	11°58	25°46	25°31	6°13	5°52	W16
T 17	19 41 59	25°28'42"	0°Ω29	17°35	11°21	1°55	22°42	25°11	18°10	10°41	12° 0	25°38	25°27	6°20	5°57	T 17
F 18	19 45 56	26°25'55"	14°37	17°10	12°34	2°35	22°34	25°18	18°10	10°41	12° 2	25°27	25°24	6°26	6° 2	F 18
S 19	19 49 52	27°23'08"	28°31	16°49	13°47	3°15	22°26	25°25	18°10	10°41	12° 3	25°15	25°21	6°33	6° 7	S 19
S 20	19 53 49	28°20'21"	12°Ω 8	16°33	15° 1	3°55	22°19	25°32	18°11	10°41	12° 5	25° 4	25°18	6°40	6°12	S 20
M21	19 57 45	29°17'34"	25°25	16°21	16°14	4°35	22°11	25°39	18°11	10°40	12° 7	24°53	25°15	6°46	6°17	M21
T 22	20 1 42	0°Ω14'47"	8°Ω20	16°14	17°27	5°15	22° 4	25°47	18°11	10°40	12° 8	24°44	25°12	6°53	6°22	T 22
W23	20 5 38	1°12'01"	20°54	16°D11	18°41	5°55	21°56	25°54	18°R11	10°40	12°10	24°38	25° 8	6°59	6°28	W23
T 24	20 9 35	2° 9'15"	3°V11	16°14	19°54	6°34	21°49	26° 1	18°11	10°39	12°12	24°35	25° 5	7° 6	6°33	T 24
F 25	20 13 31	3° 6'29"	15°13	16°22	21° 8	7°14	21°41	26° 8	18°11	10°39	12°13	24°33	25° 2	7°13	6°39	F 25
S 26	20 17 28	4° 3'44"	27° 6	16°36	22°21	7°53	21°34	26°16	18°11	10°39	12°15	24°D33	24°59	7°19	6°44	S 26
S 27	20 21 25	5° 1'00"	8°Ω55	16°55	23°35	8°32	21°26	26°23	18°10	10°38	12°17	24°R33	24°56	7°26	6°50	S 27
M28	20 25 21	5°58'16"	20°45	17°20	24°48	9°11	21°19	26°30	18°10	10°38	12°18	24°32	24°53	7°33	6°55	M28
T 29	20 29 18	6°55'33"	2°II42	17°50	26° 2	9°50	21°12	26°38	18°10	10°37	12°20	24°30	24°49	7°39	7° 1	T 29
W30	20 33 14	7°52'51"	14°50	18°26	27°16	10°29	21° 5	26°45	18°10	10°37	12°22	24°25	24°46	7°46	7° 7	W30
T 31	20 37 11	8°Ω50'09"	27°II13	19°Ω 7	28°Ω29	11°Ω 7	20°Ω58	26°Ω53	18°V 9	10°V36	12°Ω23	24°Ω17	24°Ω43	7°Ω53	7°Ω13	T 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	22n57	16n36	2s20	18n47	2s15	22n24	0s42	6n 6	2s12	21s13	0s 7	14n41	1n 4	6n24	0s41	3n 0	1s18	20n55	3n49	10s29	10s 7	12n18	3s58	2s14			
W 2	22 53	18 11	3 13	18 33	2 31	22 30	0 40	6 21	2 12	21 15	0 7	14 39	1 4	6 24	0 41	3 1	1 18	20 54	3 49	10 27	10 6	12 19	3 59	2 13			
T 3	22 48	18 56	3 58	18 20	2 48	22 36	0 37	6 36	2 12	21 16	0 8	14 37	1 4	6 24	0 41	3 1	1 18	20 54	3 49	10 24	10 5	12 20	4 0	2 13			
F 4	22 42	18 48	4 32	18 8	3 3	22 41	0 35	6 51	2 13	21 18	0 8	14 35	1 4	6 25	0 41	3 1	1 18	20 53	3 49	10 20	10 3	12 22	4 1	2 12			
S 5	22 37	17 43	4 54	17 57	3 19	22 46	0 32	7 6	2 13	21 19	0 8	14 33	1 4	6 25	0 41	3 1	1 18	20 53	3 49	10 16	10 2	12 23	4 2	2 11			
S 6	22 31	15 42	5 1	17 47	3 33	22 50	0 30	7 21	2 13	21 20	0 8	14 30	1 5	6 25	0 41	3 1	1 18	20 53	3 49	10 12	10 1	12 24	4 3	2 11			
M 7	22 24	12 51	4 52	17 38	3 47	22 53	0 28	7 36	2 14	21 22	0 8	14 28	1 5	6 26	0 41	3 1	1 18	20 52	3 49	10 7	10 0	12 26	4 4	2 10			
T 8	22 17	9 17	4 27	17 31	4 0	22 56	0 25	7 51	2 14	21 23	0 8	14 26	1 5	6 26	0 41	3 1	1 18	20 52	3 49	10 4	9 59	12 27	4 5	2 10			
W 9	22 10	5 11	3 46	17 24	4 12	22 58	0 23	8 5	2 14	21 25	0 8	14 24	1 5	6 26	0 42	3 1	1 18	20 51	3 49	10 1	9 58	12 29	4 6	2 9			
T 10	22 2	0 47	2 52	17 19	4 22	22 59	0 20	8 20	2 15	21 26	0 9	14 22	1 5	6 26	0 42	3 1	1 18	20 51	3 49	10 0	9 57	12 30	4 7	2 9			
F 11	21 54	3s43	1 47	17 16	4 32	23 0	0 18	8 34	2 15	21 28	0 9	14 19	1 5	6 26	0 42	3 1	1 18	20 50	3 49	9 59	9 55	12 31	4 8	2 8			
S 12	21 46	8 4	0 35	17 13	4 39	23 0	0 15	8 48	2 15	21 29	0 9	14 17	1 5	6 27	0 42	3 1	1 18	20 50	3 49	9 59	9 54	12 33	4 9	2 8			
S 13	21 37	11 59	0n40	17 12	4 46	22 59	0 13	9 2	2 15	21 30	0 9	14 15	1 5	6 27	0 42	3 1	1 18	20 50	3 49	9 59	9 53	12 34	4 11	2 7			
M14	21 28	15 14	1 52	17 12	4 50	22 58	0 10	9 16	2 16	21 32	0 9	14 13	1 5	6 27	0 42	3 1	1 18	20 49	3 49	9 58	9 52	12 35	4 12	2 7			
T 15	21 18	17 33	2 58	17 13	4 53	22 55	0 8	9 30	2 16	21 33	0 9	14 10	1 5	6 27	0 42	3 1	1 18	20 49	3 49	9 57	9 51	12 37	4 13	2 6			
W16	21 8	18 47	3 53	17 16	4 55	22 53	0 5	9 44	2 16	21 35	0 9	14 8	1 5	6 27	0 42	3 1	1 18	20 48	3 49	9 55	9 50	12 38	4 15	2 6			
T 17	20 58	18 48	4 33	17 20	4 55	22 49	0 3	9 58	2 16	21 36	0 10	14 6	1 5	6 27	0 42	3 1	1 18	20 48	3 49	9 52	9 49	12 40	4 16	2 5			
F 18	20 47	17 39	4 55	17 24	4 53	22 45	0 0	10 11	2 16	21 38	0 10	14 3	1 5	6 27	0 42	3 0	1 19	20 47	3 49	9 48	9 47	12 41	4 18	2 4			
S 19	20 36	15 29	5 0	17 30	4 50	22 41	0n 2	10 25	2 16	21 39	0 10	14 1	1 5	6 27	0 42	3 0	1 19	20 47	3 50	9 44	9 46	12 42	4 19	2 4			
S 20	20 25	12 29	4 48	17 37	4 45	22 35	0 5	10 38	2 17	21 40	0 10	13 59	1 5	6 27	0 42	3 0	1 19	20 47	3 50	9 40	9 45	12 44	4 21	2 3			
M21	20 13	8 55	4 20	17 44	4 39	22 29	0 7	10 51	2 17	21 42	0 10	13 56	1 5	6 27	0 42	3 0	1 19	20 46	3 50	9 36	9 44	12 45	4 22	2 3			
T 22	20 1	5 2	3 39	17 52	4 32	22 23	0 10	11 4	2 17	21 43	0 10	13 54	1 5	6 27	0 42	3 0	1 19	20 46	3 50	9 33	9 43	12 46	4 24	2 2			
W23	19 49	1 1	2 48	18 1	4 23	22 15	0 12	11 17	2 17	21 44	0 10	13 51	1 5	6 27	0 42	3 0	1 19	20 45	3 50	9 31	9 42	12 48	4 25	2 2			
T 24	19 36	2n57	1 51	18 10	4 14	22 7	0 15	11 30	2 17	21 46	0 10	13 49	1 5	6 27	0 42	3 0	1 19	20 45	3 50	9 29	9 40	12 49	4 27	2 1			
F 25	19 23	6 44	0 49	18 19	4 4	21 59	0 17	11 43	2 17	21 47	0 11	13 47	1 5	6 27	0 42	2 59	1 19	20 45	3 50	9 29	9 39	12 50	4 29	2 1			
S 26	19 10	10 11	0s14	18 29	3 52	21 49	0 19	11 55	2 17	21 48	0 11	13 44	1 5	6 27	0 42	2 59	1 19	20 44	3 50	9 29	9 38	12 52	4 31	2 0			
S 27	18 56	13 13	1 16	18 38	3 40	21 39	0 22	12 8	2 17	21 50	0 11	13 42	1 5	6 27	0 42	2 59	1 19	20 44	3 50	9 29	9 37	12 53	4 32	2 0			
M28	18 42	15 43	2 14	18 48	3 27	21 29	0 24	12 20	2 17	21 51	0 11	13 39	1 5	6 27	0 42	2 59	1 19	20 43	3 50	9 28	9 36	12 54	4 34	1 59			
T 29	18 28	17 33	3 8	18 57	3 14	21 18	0 26	12 32	2 17	21 52	0 11	13 37	1 5	6 27	0 42	2 59	1 19	20 43	3 50	9 27	9 35	12 56	4 36	1 58			
W30	18 14	18 37	3 54	19 7	3 0	21 6	0 29	12 44	2 17	21 53	0 11	13 34	1 5	6 27	0 42	2 58	1 19	20 42	3 50	9 26	9 33	12 57	4 38	1 58			
T 31	17n59	18n50	4s29	19n15	2s46	20n53	0n31	12n56	2s17	21s54	0s11	13n32	1n 5	6n27	0s42	2n58	1s19	20n42	3n50	9s23	9s32	12n58	4s40	1s58			

## ASTRODIENST EPHEMERIS for the year 2684

AUGUST 2684

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	20 41 7	9♎47'28	9♏55	19♏54	29♏43	11♏45	20°R51	27♎0	18°R 9	10°R36	12♎25	24°R 8	24♎40	7♏59	7♎19	F 1
S 2	20 45 4	10°44'48	22°56	20°46	0♎57	12°23	20♏44	27° 7	18°Y 8	10°Y35	12°27	23♎57	24°37	8° 6	7°25	S 2
S 3	20 49 0	11°42'08	6♎16	21°43	2°10	13° 1	20°37	27°15	18° 8	10°34	12°28	23°45	24°33	8°13	7°31	S 3
M 4	20 52 57	12°39'28	19°53	22°46	3°24	13°39	20°31	27°23	18° 7	10°34	12°30	23°34	24°30	8°19	7°38	M 4
T 5	20 56 54	13°36'49	3♎44	23°53	4°38	14°17	20°24	27°30	18° 7	10°33	12°32	23°25	24°27	8°26	7°44	T 5
W 6	21 0 50	14°34'11	17°46	25° 6	5°51	14°54	20°18	27°38	18° 6	10°32	12°33	23°18	24°24	8°33	7°50	W 6
T 7	21 4 47	15°31'33	1♎53	26°24	7° 5	15°31	20°11	27°45	18° 5	10°31	12°35	23°14	24°21	8°39	7°57	T 7
F 8	21 8 43	16°28'56	16° 4	27°47	8°19	16° 8	20° 5	27°53	18° 5	10°31	12°37	23°12	24°18	8°46	8° 3	F 8
S 9	21 12 40	17°26'19	0♎15	29°14	9°33	16°45	19°59	28° 0	18° 4	10°30	12°39	23°D12	24°14	8°52	8°10	S 9
S 10	21 16 36	18°23'42	14°25	0♎45	10°47	17°21	19°53	28° 8	18° 3	10°29	12°40	23°R13	24°11	8°59	8°17	S 10
M11	21 20 33	19°21'06	28°32	2°21	12° 0	17°58	19°47	28°16	18° 2	10°28	12°42	23°12	24° 8	9° 6	8°23	M11
T 12	21 24 29	20°18'31	12♎35	4° 1	13°14	18°34	19°41	28°23	18° 1	10°27	12°44	23°10	24° 5	9°12	8°30	T 12
W13	21 28 26	21°15'56	26°33	5°45	14°28	19°10	19°36	28°31	18° 0	10°26	12°45	23° 6	24° 2	9°19	8°37	W13
T 14	21 32 23	22°13'21	10♏34	7°32	15°42	19°45	19°30	28°39	17°59	10°25	12°47	23° 0	23°58	9°26	8°44	T 14
F 15	21 36 19	23°10'48	24° 6	9°23	16°56	20°21	19°25	28°46	17°58	10°24	12°49	22°51	23°55	9°32	8°51	F 15
S 16	21 40 16	24° 8'15	7♎35	11°16	18°10	20°56	19°20	28°54	17°57	10°23	12°50	22°41	23°52	9°39	8°58	S 16
S 17	21 44 12	25° 5'43	20°50	13°12	19°24	21°31	19°15	29° 2	17°56	10°22	12°52	22°32	23°49	9°46	9° 5	S 17
M18	21 48 9	26° 3'12	3♎50	15°10	20°38	22° 6	19°10	29° 9	17°55	10°21	12°54	22°23	23°46	9°52	9°12	M18
T 19	21 52 5	27° 0'41	16°32	17° 9	21°52	22°40	19° 5	29°17	17°53	10°20	12°55	22°16	23°43	9°59	9°19	T 19
W20	21 56 2	27°58'12	28°58	19°10	23° 6	23°15	19° 1	29°25	17°52	10°19	12°57	22°11	23°39	10° 6	9°27	W20
T 21	21 59 58	28°55'44	11°Y10	21°12	24°20	23°49	18°56	29°32	17°51	10°18	12°59	22° 8	23°36	10°12	9°34	T 21
F 22	22 3 55	29°53'18	23° 9	23°15	25°34	24°22	18°52	29°40	17°50	10°17	13° 0	22°D 8	23°33	10°19	9°41	F 22
S 23	22 7 51	0♎50'52	5♎1	25°18	26°48	24°56	18°48	29°48	17°48	10°16	13° 2	22° 8	23°30	10°26	9°49	S 23
S 24	22 11 48	1°48'28	16°50	27°21	28° 2	25°29	18°44	29°56	17°47	10°14	13° 3	22°10	23°27	10°32	9°56	S 24
M25	22 15 45	2°46'06	28°40	29°24	29°16	26° 2	18°41	0♎3	17°45	10°13	13° 5	22°R10	23°24	10°39	10° 4	M25
T 26	22 19 41	3°43'45	10♎37	1♎26	0♎30	26°35	18°37	0°11	17°44	10°12	13° 7	22°10	23°20	10°46	10°11	T 26
W27	22 23 38	4°41'25	22°46	3°28	1°44	27° 7	18°34	0°19	17°42	10°11	13° 8	22° 9	23°17	10°52	10°19	W27
T 28	22 27 34	5°39'07	5♎12	5°29	2°58	27°39	18°31	0°26	17°41	10° 9	13°10	22° 5	23°14	10°59	10°27	T 28
F 29	22 31 31	6°36'51	17°58	7°29	4°13	28°11	18°28	0°34	17°39	10° 8	13°11	21°59	23°11	11° 5	10°34	F 29
S 30	22 35 27	7°34'36	1♎7	9°28	5°27	28°42	18°25	0°42	17°37	10° 7	13°13	21°53	23° 8	11°12	10°42	S 30
S 31	22 39 24	8♎32'22	14♎40	11♎27	6♎41	29♎13	18♎22	0♎49	17°Y36	10°Y 6	13♎14	21♎46	23♎4	11♎19	10♎50	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	17n44	18n 7	4s53	19n23	2s32	20n40	0n33	13n 8	2s17	21s56	0s11	13n29	1n 5	6n26	0s42	2n58	1s19	20n42	3n50	9s19	9s31	13n 0	4s42	1s58			
S 2	17 28	16 27	5 2	19 30	2 17	20 27	0 35	13 19	2 17	21 57	0 12	13 27	1 5	6 26	0 42	2 57	1 19	20 41	3 50	9 15	9 30	13 1	4 44	1 57			
S 3	17 13	13 52	4 55	19 36	2 2	20 13	0 38	13 31	2 17	21 58	0 12	13 24	1 5	6 26	0 42	2 57	1 19	20 41	3 50	9 11	9 29	13 2	4 46	1 57			
M 4	16 57	10 30	4 31	19 40	1 47	19 58	0 40	13 42	2 17	21 59	0 12	13 22	1 5	6 26	0 42	2 57	1 19	20 40	3 50	9 7	9 28	13 4	4 48	1 56			
T 5	16 40	6 30	3 51	19 44	1 32	19 43	0 42	13 53	2 17	22 0	0 12	13 19	1 5	6 25	0 42	2 57	1 19	20 40	3 50	9 4	9 27	13 5	4 50	1 56			
W 6	16 24	2 6	2 57	19 46	1 17	19 27	0 44	14 4	2 17	22 1	0 12	13 17	1 5	6 25	0 42	2 56	1 19	20 39	3 51	9 1	9 25	13 6	4 52	1 55			
T 7	16 7	2s27	1 51	19 46	1 3	19 10	0 46	14 15	2 16	22 2	0 12	13 14	1 5	6 25	0 42	2 56	1 20	20 39	3 51	9 0	9 24	13 7	4 54	1 55			
F 8	15 50	6 53	0 38	19 44	0 48	18 53	0 48	14 26	2 16	22 3	0 12	13 11	1 6	6 25	0 42	2 56	1 20	20 39	3 51	8 59	9 23	13 9	4 56	1 54			
S 9	15 33	10 56	0n38	19 41	0 34	18 36	0 50	14 36	2 16	22 4	0 12	13 9	1 6	6 24	0 42	2 55	1 20	20 38	3 51	8 59	9 22	13 10	4 58	1 54			
S 10	15 15	14 20	1 51	19 35	0 20	18 18	0 52	14 47	2 16	22 5	0 13	13 6	1 6	6 24	0 42	2 55	1 20	20 38	3 51	8 59	9 21	13 11	5 0	1 53			
M11	14 58	16 53	2 57	19 27	0 7	17 59	0 54	14 57	2 16	22 6	0 13	13 4	1 6	6 24	0 42	2 54	1 20	20 37	3 51	8 59	9 20	13 13	5 3	1 53			
T 12	14 40	18 23	3 52	19 16	0n 6	17 40	0 55	15 7	2 15	22 7	0 13	13 1	1 6	6 23	0 43	2 54	1 20	20 37	3 51	8 58	9 18	13 14	5 5	1 52			
W13	14 21	18 45	4 33	19 3	0 18	17 21	0 57	15 17	2 15	22 8	0 13	12 58	1 6	6 23	0 43	2 54	1 20	20 37	3 51	8 57	9 17	13 15	5 7	1 52			
T 14	14 3	18 0	4 57	18 47	0 29	17 0	0 59	15 27	2 15	22 9	0 13	12 56	1 6	6 22	0 43	2 53	1 20	20 36	3 51	8 54	9 16	13 16	5 10	1 52			
F 15	13 44	16 13	5 5	18 29	0 40	16 40	1 1	15 36	2 14	22 10	0 13	12 53	1 6	6 22	0 43	2 53	1 20	20 36	3 51	8 51	9 15	13 18	5 12	1 51			
S 16	13 26	13 33	4 55	18 8	0 50	16 19	1 2	15 46	2 14	22 11	0 13	12 51	1 6	6 22	0 43	2 52	1 20	20 35	3 51	8 48	9 14	13 19	5 14	1 51			
S 17	13 6	10 15	4 29	17 44	0 59	15 58	1 4	15 55	2 14	22 11	0 13	12 48	1 6	6 21	0 43	2 52	1 20	20 35	3 51	8 44	9 13	13 20	5 17	1 50			
M18	12 47	6 30	3 49	17 18	1 8	15 36	1 5	16 4	2 13	22 12	0 13	12 45	1 6	6 21	0 43	2 51	1 20	20 35	3 51	8 41	9 11	13 22	5 19	1 50			
T 19	12 28	2 32	2 59	16 50	1 15	15 13	1 7	16 13	2 13	22 13	0 13	12 43	1 6	6 20	0 43	2 51	1 20	20 34	3 52	8 38	9 10	13 23	5 22	1 49			
W20	12 8	1n27	2 1	16 19	1 22	14 51	1 8	16 22	2 13	22 14	0 14	12 40	1 6	6 20	0 43	2 51	1 20	20 34	3 52	8 36	9 9	13 24	5 24	1 49			
T 21	11 48	5 18	0 59	15 46	1 28	14 27	1 10	16 31	2 12	22 14	0 14	12 38	1 6	6 19	0 43	2 50	1 20	20 33	3 52	8 35	9 8	13 25	5 26	1 49			
F 22	11 28	8 53	0s 6	15 11	1 33	14 4	1 11	16 40	2 12	22 15	0 14	12 35	1 6	6 19	0 43	2 50	1 20	20 33	3 52	8 35	9 7	13 27	5 29	1 48			
S 23	11 8	12 4	1 9	14 34	1 37	13 40	1 12	16 48	2 11	22 16	0 14	12 32	1 6	6 18	0 43	2 49	1 20	20 33	3 52	8 35	9 6	13 28	5 32	1 48			
S 24	10 47	14 44	2 9	13 55	1 40	13 16	1 13	16 56	2 11	22 16	0 14	12 30	1 7	6 17	0 43	2 49	1 20	20 32	3 52	8 36	9 4	13 29	5 34	1 47			
M25	10 27	16 47	3 4	13 15	1 43	12 51	1 15	17 5	2 10	22 17	0 14	12 27	1 7	6 17	0 43	2 48	1 20	20 32	3 52	8 36	9 3	13 30	5 37	1 47			
T 26	10 6	18 8	3 52	12 33	1 44	12 26	1 16	17 13	2 10	22 18	0 14	12 24	1 7	6 16	0 43	2 48	1 20	20 32	3 52	8 36	9 2	13 32	5 39	1 47			
W27	9 45	18 40	4 30	11 50	1 45	12 1	1 17	17 20	2 9	22 18	0 14	12 22	1 7	6 16	0 43	2 47	1 20	20 31	3 52	8 35	9 1	13 33	5 42	1 46			
T 28	9 24	18 19	4 56	11 6	1 45	11 35	1 18	17 28	2 9	22 19	0 14	12 19	1 7	6 15	0 43	2 47	1 20	20 31	3 52	8 34	9 0	13 34	5 45	1 46			
F 29	9 3	17 3	5 8	10 21	1 45	11 9	1 19	17 36	2 8	22 19	0 14	12 17	1 7	6 14	0 43	2 46	1 20	20 31	3 53	8 32	8 58	13 35	5 47	1 45			
S 30	8 42	14 52	5 5	9 35	1 44	10 43	1 20	17 43	2 7	22 20	0 15	12 14	1 7	6 14	0 43	2 45	1 20	20 30	3 53	8 30	8 57	13 37	5 50	1 45			
S 31	8n20	11n49	4s45	8n49	1n42	10n16	1n20	17n50	2s 7	22s20	0s15	12n11	1n 7	6n13	0s43	2n45	1s20	20n30	3n53	8s27	8s56	13n38	5s53	1s45			

## ASTRODIENST EPHEMERIS for the year 2684

SEPTEMBER 2684

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	22 43 20	9 <sup>h</sup> 30'10"	28 <sup>h</sup> 03'4"	13 <sup>h</sup> 23'	7 <sup>h</sup> 55'	29 <sup>h</sup> 44'	18 <sup>h</sup> 20'	0 <sup>h</sup> 57'	17 <sup>h</sup> 34'	10 <sup>h</sup> R 4	13 <sup>h</sup> 01'6"	21 <sup>h</sup> R39	23 <sup>h</sup> 1	11 <sup>h</sup> 25'	10 <sup>h</sup> 58'	M 1
T 2	22 47 17	10 <sup>h</sup> 27'59"	12 <sup>h</sup> 46'	15 <sup>h</sup> 19'	9 <sup>h</sup> 10'	0 <sup>h</sup> 14'	18 <sup>h</sup> 17'	1 <sup>h</sup> 5	17 <sup>h</sup> 32'	10 <sup>h</sup> Y 3	13 <sup>h</sup> 18'	21 <sup>h</sup> 23'	22 <sup>h</sup> 58'	11 <sup>h</sup> 32'	11 <sup>h</sup> 6'	T 2
W 3	22 51 14	11 <sup>h</sup> 25'50"	27 <sup>h</sup> 12'	17 <sup>h</sup> 13'	10 <sup>h</sup> 24'	0 <sup>h</sup> 44'	18 <sup>h</sup> 15'	1 <sup>h</sup> 12'	17 <sup>h</sup> 30'	10 <sup>h</sup> 0 1	13 <sup>h</sup> 19'	21 <sup>h</sup> 29'	22 <sup>h</sup> 55'	11 <sup>h</sup> 39'	11 <sup>h</sup> 14'	W 3
T 4	22 55 10	12 <sup>h</sup> 23'42"	11 <sup>h</sup> 45'	19 <sup>h</sup> 7'	11 <sup>h</sup> 38'	1 <sup>h</sup> 14'	18 <sup>h</sup> 13'	1 <sup>h</sup> 20'	17 <sup>h</sup> 29'	10 <sup>h</sup> 0	13 <sup>h</sup> 21'	21 <sup>h</sup> 27'	22 <sup>h</sup> 52'	11 <sup>h</sup> 45'	11 <sup>h</sup> 22'	T 4
F 5	22 59 7	13 <sup>h</sup> 21'35"	26 <sup>h</sup> 20'	20 <sup>h</sup> 58'	12 <sup>h</sup> 52'	1 <sup>h</sup> 43'	18 <sup>h</sup> 12'	1 <sup>h</sup> 27'	17 <sup>h</sup> 27'	9 <sup>h</sup> 59	13 <sup>h</sup> 22'	21 <sup>h</sup> D27	22 <sup>h</sup> 49'	11 <sup>h</sup> 52'	11 <sup>h</sup> 30'	F 5
S 6	23 3 3	14 <sup>h</sup> 19'30"	10 <sup>h</sup> 51'	22 <sup>h</sup> 49'	14 <sup>h</sup> 7'	2 <sup>h</sup> 12'	18 <sup>h</sup> 10'	1 <sup>h</sup> 35'	17 <sup>h</sup> 25'	9 <sup>h</sup> 57	13 <sup>h</sup> 24'	21 <sup>h</sup> 28'	22 <sup>h</sup> 45'	11 <sup>h</sup> 59'	11 <sup>h</sup> 38'	S 6
S 7	23 7 0	15 <sup>h</sup> 17'25"	25 <sup>h</sup> 13'	24 <sup>h</sup> 38'	15 <sup>h</sup> 21'	2 <sup>h</sup> 41'	18 <sup>h</sup> 9'	1 <sup>h</sup> 43'	17 <sup>h</sup> 23'	9 <sup>h</sup> 56	13 <sup>h</sup> 25'	21 <sup>h</sup> 29'	22 <sup>h</sup> 42'	12 <sup>h</sup> 5	11 <sup>h</sup> 46'	S 7
M 8	23 10 56	16 <sup>h</sup> 15'22"	9 <sup>h</sup> 25'	26 <sup>h</sup> 26'	16 <sup>h</sup> 36'	3 <sup>h</sup> 9'	18 <sup>h</sup> 8'	1 <sup>h</sup> 50'	17 <sup>h</sup> 21'	9 <sup>h</sup> 54	13 <sup>h</sup> 27'	21 <sup>h</sup> 30'	22 <sup>h</sup> 39'	12 <sup>h</sup> 12'	11 <sup>h</sup> 54'	M 8
T 9	23 14 53	17 <sup>h</sup> 13'21"	23 <sup>h</sup> 25'	28 <sup>h</sup> 12'	17 <sup>h</sup> 50'	3 <sup>h</sup> 36'	18 <sup>h</sup> 7'	1 <sup>h</sup> 58'	17 <sup>h</sup> 19'	9 <sup>h</sup> 53	13 <sup>h</sup> 28'	21 <sup>h</sup> R30	22 <sup>h</sup> 36'	12 <sup>h</sup> 19'	12 <sup>h</sup> 2	T 9
W10	23 18 49	18 <sup>h</sup> 11'20"	7 <sup>h</sup> 31'	29 <sup>h</sup> 58'	19 <sup>h</sup> 4	4 <sup>h</sup> 4	18 <sup>h</sup> 6'	2 <sup>h</sup> 5	17 <sup>h</sup> 17'	9 <sup>h</sup> 51	13 <sup>h</sup> 29'	21 <sup>h</sup> 29'	22 <sup>h</sup> 33'	12 <sup>h</sup> 25'	12 <sup>h</sup> 10'	W10
T 11	23 22 46	19 <sup>h</sup> 9'21"	20 <sup>h</sup> 45'	1 <sup>h</sup> 42'	20 <sup>h</sup> 19'	4 <sup>h</sup> 31'	18 <sup>h</sup> 5'	2 <sup>h</sup> 13'	17 <sup>h</sup> 15'	9 <sup>h</sup> 50	13 <sup>h</sup> 31'	21 <sup>h</sup> 26'	22 <sup>h</sup> 30'	12 <sup>h</sup> 32'	12 <sup>h</sup> 18'	T 11
F 12	23 26 43	20 <sup>h</sup> 7'23"	4 <sup>h</sup> 24'	3 <sup>h</sup> 24'	21 <sup>h</sup> 33'	4 <sup>h</sup> 57'	18 <sup>h</sup> 5'	2 <sup>h</sup> 20'	17 <sup>h</sup> 13'	9 <sup>h</sup> 48	13 <sup>h</sup> 32'	21 <sup>h</sup> 22'	22 <sup>h</sup> 26'	12 <sup>h</sup> 39'	12 <sup>h</sup> 27'	F 12
S 13	23 30 39	21 <sup>h</sup> 5'26"	17 <sup>h</sup> 10'	5 <sup>h</sup> 6'	22 <sup>h</sup> 47'	5 <sup>h</sup> 23'	18 <sup>h</sup> 5'	2 <sup>h</sup> 28'	17 <sup>h</sup> 11'	9 <sup>h</sup> 47	13 <sup>h</sup> 34'	21 <sup>h</sup> 17'	22 <sup>h</sup> 23'	12 <sup>h</sup> 45'	12 <sup>h</sup> 35'	S 13
S 14	23 34 36	22 <sup>h</sup> 3'31"	0 <sup>h</sup> 31'	6 <sup>h</sup> 46'	24 <sup>h</sup> 2	5 <sup>h</sup> 49'	18 <sup>h</sup> D 5	2 <sup>h</sup> 35'	17 <sup>h</sup> 9'	9 <sup>h</sup> 45	13 <sup>h</sup> 35'	21 <sup>h</sup> 12'	22 <sup>h</sup> 20'	12 <sup>h</sup> 52'	12 <sup>h</sup> 43'	S 14
M15	23 38 32	23 <sup>h</sup> 1'37"	12 <sup>h</sup> 42'	8 <sup>h</sup> 25'	25 <sup>h</sup> 16'	6 <sup>h</sup> 14'	18 <sup>h</sup> 5'	2 <sup>h</sup> 42'	17 <sup>h</sup> 7'	9 <sup>h</sup> 43	13 <sup>h</sup> 36'	21 <sup>h</sup> 8'	22 <sup>h</sup> 17'	12 <sup>h</sup> 59'	12 <sup>h</sup> 52'	M15
T 16	23 42 29	23 <sup>h</sup> 59'45"	25 <sup>h</sup> 8'	10 <sup>h</sup> 3	26 <sup>h</sup> 31'	6 <sup>h</sup> 39'	18 <sup>h</sup> 5'	2 <sup>h</sup> 50'	17 <sup>h</sup> 5	9 <sup>h</sup> 42	13 <sup>h</sup> 38'	21 <sup>h</sup> 5	22 <sup>h</sup> 14'	13 <sup>h</sup> 5	13 <sup>h</sup> 0	T 16
W17	23 46 25	24 <sup>h</sup> 57'55"	7 <sup>h</sup> Y22	11 <sup>h</sup> 39'	27 <sup>h</sup> 45'	7 <sup>h</sup> 3	18 <sup>h</sup> 6'	2 <sup>h</sup> 57'	17 <sup>h</sup> 2	9 <sup>h</sup> 40	13 <sup>h</sup> 39'	21 <sup>h</sup> 3	22 <sup>h</sup> 10'	13 <sup>h</sup> 12'	13 <sup>h</sup> 8'	W17
T 18	23 50 22	25 <sup>h</sup> 56'06"	19 <sup>h</sup> 25'	13 <sup>h</sup> 15'	29 <sup>h</sup> 0	7 <sup>h</sup> 27'	18 <sup>h</sup> 7'	3 <sup>h</sup> 4	17 <sup>h</sup> 0	9 <sup>h</sup> 39	13 <sup>h</sup> 41'	21 <sup>h</sup> D 2	22 <sup>h</sup> 7	13 <sup>h</sup> 19'	13 <sup>h</sup> 17'	T 18
F 19	23 54 18	26 <sup>h</sup> 54'19"	1 <sup>h</sup> 20'	14 <sup>h</sup> 49'	0 <sup>h</sup> 14'	7 <sup>h</sup> 50'	18 <sup>h</sup> 8'	3 <sup>h</sup> 12'	16 <sup>h</sup> 58'	9 <sup>h</sup> 37	13 <sup>h</sup> 42'	21 <sup>h</sup> 2	22 <sup>h</sup> 4	13 <sup>h</sup> 25'	13 <sup>h</sup> 25'	F 19
S 20	23 58 15	27 <sup>h</sup> 52'34"	13 <sup>h</sup> 10'	16 <sup>h</sup> 22'	1 <sup>h</sup> 29'	8 <sup>h</sup> 13'	18 <sup>h</sup> 9'	3 <sup>h</sup> 19'	16 <sup>h</sup> 56'	9 <sup>h</sup> 35	13 <sup>h</sup> 43'	21 <sup>h</sup> 4	22 <sup>h</sup> 1	13 <sup>h</sup> 32'	13 <sup>h</sup> 34'	S 20
S 21	0 2 11	28 <sup>h</sup> 50'51"	24 <sup>h</sup> 58'	17 <sup>h</sup> 54'	2 <sup>h</sup> 43'	8 <sup>h</sup> 36'	18 <sup>h</sup> 10'	3 <sup>h</sup> 26'	16 <sup>h</sup> 54'	9 <sup>h</sup> 34	13 <sup>h</sup> 44'	21 <sup>h</sup> 5	21 <sup>h</sup> 58'	13 <sup>h</sup> 38'	13 <sup>h</sup> 42'	S 21
M22	0 6 8	29 <sup>h</sup> 49'10"	6 <sup>h</sup> II48	19 <sup>h</sup> 25'	3 <sup>h</sup> 58'	8 <sup>h</sup> 57'	18 <sup>h</sup> 12'	3 <sup>h</sup> 33'	16 <sup>h</sup> 51'	9 <sup>h</sup> 32	13 <sup>h</sup> 46'	21 <sup>h</sup> 7	21 <sup>h</sup> 55'	13 <sup>h</sup> 45'	13 <sup>h</sup> 51'	M22
T 23	0 10 5	0 <sup>h</sup> 47'31"	18 <sup>h</sup> 44'	20 <sup>h</sup> 54'	5 <sup>h</sup> 12'	9 <sup>h</sup> 19'	18 <sup>h</sup> 13'	3 <sup>h</sup> 41'	16 <sup>h</sup> 49'	9 <sup>h</sup> 31	13 <sup>h</sup> 47'	21 <sup>h</sup> 8	21 <sup>h</sup> 51'	13 <sup>h</sup> 52'	13 <sup>h</sup> 59'	T 23
W24	0 14 1	1 <sup>h</sup> 45'55"	0 <sup>h</sup> 52'	22 <sup>h</sup> 23'	6 <sup>h</sup> 27'	9 <sup>h</sup> 39'	18 <sup>h</sup> 15'	3 <sup>h</sup> 48'	16 <sup>h</sup> 47'	9 <sup>h</sup> 29	13 <sup>h</sup> 48'	21 <sup>h</sup> R 8	21 <sup>h</sup> 48'	13 <sup>h</sup> 58'	14 <sup>h</sup> 8'	W24
T 25	0 17 58	2 <sup>h</sup> 44'20"	13 <sup>h</sup> 16'	23 <sup>h</sup> 50'	7 <sup>h</sup> 41'	9 <sup>h</sup> 59'	18 <sup>h</sup> 17'	3 <sup>h</sup> 55'	16 <sup>h</sup> 44'	9 <sup>h</sup> 27	13 <sup>h</sup> 49'	21 <sup>h</sup> 8	21 <sup>h</sup> 45'	14 <sup>h</sup> 5	14 <sup>h</sup> 16'	T 25
F 26	0 21 54	3 <sup>h</sup> 42'47"	26 <sup>h</sup> 0	25 <sup>h</sup> 16'	8 <sup>h</sup> 56'	10 <sup>h</sup> 19'	18 <sup>h</sup> 19'	4 <sup>h</sup> 2	16 <sup>h</sup> 42'	9 <sup>h</sup> 26	13 <sup>h</sup> 51'	21 <sup>h</sup> 7	21 <sup>h</sup> 42'	14 <sup>h</sup> 12'	14 <sup>h</sup> 25'	F 26
S 27	0 25 51	4 <sup>h</sup> 41'17"	9 <sup>h</sup> 08'	26 <sup>h</sup> 41'	10 <sup>h</sup> 10'	10 <sup>h</sup> 38'	18 <sup>h</sup> 22'	4 <sup>h</sup> 9	16 <sup>h</sup> 40'	9 <sup>h</sup> 24	13 <sup>h</sup> 52'	21 <sup>h</sup> 5	21 <sup>h</sup> 39'	14 <sup>h</sup> 18'	14 <sup>h</sup> 33'	S 27
S 28	0 29 47	5 <sup>h</sup> 39'48"	22 <sup>h</sup> 42'	28 <sup>h</sup> 5	11 <sup>h</sup> 25'	10 <sup>h</sup> 56'	18 <sup>h</sup> 25'	4 <sup>h</sup> 16'	16 <sup>h</sup> 37'	9 <sup>h</sup> 22	13 <sup>h</sup> 53'	21 <sup>h</sup> 3	21 <sup>h</sup> 35'	14 <sup>h</sup> 25'	14 <sup>h</sup> 42'	S 28
M29	0 33 44	6 <sup>h</sup> 38'22"	6 <sup>h</sup> 42'	29 <sup>h</sup> 27'	12 <sup>h</sup> 40'	11 <sup>h</sup> 14'	18 <sup>h</sup> 27'	4 <sup>h</sup> 23'	16 <sup>h</sup> 35'	9 <sup>h</sup> 21	13 <sup>h</sup> 54'	21 <sup>h</sup> 1	21 <sup>h</sup> 32'	14 <sup>h</sup> 32'	14 <sup>h</sup> 51'	M29
T 30	0 37 40	7 <sup>h</sup> 36'57"	21 <sup>h</sup> 05'	0 <sup>h</sup> II49	13 <sup>h</sup> 54'	11 <sup>h</sup> II31	18 <sup>h</sup> 30'	4 <sup>h</sup> 30'	16 <sup>h</sup> Y33	9 <sup>h</sup> Y19	13 <sup>h</sup> 055	21 <sup>h</sup> 0	21 <sup>h</sup> 0	14 <sup>h</sup> Y38	14 <sup>h</sup> 59'	T 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	7n59	8n 3	4s 8	8n 2	1n39	9n49	1n21	17n58	2s 6	22s21	0s15	12n 9	1n 7	6n12	0s43	2n44	1s20	20n29	3n53	8s24	8s55	13n39	5s55	1s44							
T 2	7 37	3 44	3 15	7 15	1 37	9 22	1 22	18 5	2 5	22 21	0 15	12 6	1 7	6 12	0 43	2 44	1 20	20 29	3 53	8 22	8 54	13 40	5 58	1 44							
W 3	7 15	0s51	2 8	6 28	1 33	8 55	1 22	18 11	2 5	22 21	0 15	12 3	1 7	6 11	0 43	2 43	1 21	20 29	3 53	8 21	8 53	13 42	6 1	1 43							
T 4	6 53	5 26	0 53	5 40	1 29	8 27	1 23	18 18	2 4	22 22	0 15	12 1	1 8	6 10	0 43	2 43	1 21	20 28	3 53	8 20	8 51	13 43	6 4	1 43							
F 5	6 31	9 43	0n27	4 52	1 25	7 59	1 23	18 25	2 3	22 22	0 15	11 58	1 8	6 10	0 43	2 42	1 21	20 28	3 53	8 20	8 50	13 44	6 6	1 43							
S 6	6 9	13 23	1 44	4 5	1 21	7 31	1 24	18 31	2 2	22 22	0 15	11 56	1 8	6 9	0 43	2 41	1 21	20 28	3 53	8 20	8 49	13 45	6 9	1 42							
S 7	5 47	16 11	2 54	3 17	1 15	7 3	1 24	18 38	2 2	22 22	0 15	11 53	1 8	6 8	0 43	2 41	1 21	20 28	3 54	8 21	8 48	13 46	6 12	1 42							
M 8	5 24	17 57	3 52	2 29	1 10	6 34	1 24	18 44	2 1	22 23	0 15	11 50	1 8	6 7	0 43	2 40	1 21	20 27	3 54	8 21	8 47	13 48	6 15	1 42							
T 9	5 2	18 35	4 36	1 42	1 4	6 6	1 25	18 50	2 0	22 23	0 15	11 48	1 8	6 7	0 43	2 40	1 21	20 27	3 54	8 21	8 46	13 49	6 18	1 41							
W10	4 39	18 7	5 3	0 55	0 58	5 37	1 25	18 56	1 59	22 23	0 15	11 45	1 8	6 6	0 43	2 39	1 21	20 27	3 54	8 21	8 44	13 50	6 20	1 41							
T 11	4 17	16 36	5 13	0 8	0 52	5 8	1 25	19 2	1 58	22 23	0 15	11 43	1 8	6 5	0 43	2 38	1 21	20 26	3 54	8 20	8 43	13 51	6 23	1 40							
F 12	3 54	14 13	5 5	0s39	0 46	4 38	1 25	19 7	1 57	22 23	0 16	11 40	1 8	6 4	0 43	2 38	1 21	20 26	3 54	8 18	8 42	13 53	6 26	1 40							
S 13	3 31	11 9	4 42	1 25	0 39	4 9	1 25	19 13	1 56	22 23	0 16	11 37	1 8	6 4	0 43	2 37	1 21	20 26	3 54	8 16	8 41	13 54	6 29	1 40							
S 14	3 8	7 36	4 4	2 11	0 32	3 40	1 25	19 18	1 55	22 24	0 16	11 35	1 9	6 3	0 43	2 37	1 21	20 25	3 54	8 15	8 40	13 55	6 32	1 39							
M15	2 45	3 46	3 15	2 56	0 25	3 10	1 25	19 24	1 54	22 24	0 16	11 32	1 9	6 2	0 43	2 36	1 21	20 25	3 55	8 13	8 39	13 56	6 35	1 39							
T 16	2 23	0n11	2 18	3 41	0 18	2 40	1 24	19 29	1 53	22 24	0 16	11 30	1 9	6 1	0 43	2 35	1 21	20 25	3 55	8 12	8 37	13 57	6 38	1 39							
W17	2 0	4 3	1 15	4 26	0 11	2 11	1 24	19 34	1 52	22 24	0 16	11 27	1 9	6 0	0 43	2 35	1 21	20 25	3 55	8 11	8 36	13 59	6 41	1 38							
T 18	1 37	7 43	0 9	5 10	0 3	1 41	1 24	19 39	1 51	22 24	0 16	11 25	1 9	5 59	0 43	2 34	1 21	20 24	3 55	8 11	8 35	14 0	6 44	1 38							
F 19	1 14	11 1	0s57	5 53	0s 4	1 11	1 23	19 44	1 50	22 24	0 16	11 22	1 9	5 59	0 43	2 33	1 21	20 24	3 55	8 11	8 34	14 1	6 47	1 38							
S 20	0 50	13 50	1 59	6 36	0 12	0 41	1 23	19 48	1 49	22 23	0 16	11 20	1 9	5 58	0 43	2 33	1 21	20 24	3 55	8 11	8 33	14 2	6 50	1 37							
S 21	0 27	16 5	2 57	7 18	0 20	0 11	1 22	19 53	1 47	22 23	0 16	11 17	1 9	5 57	0 43	2 32	1 21	20 24	3 55	8 12	8 31	14 3	6 53	1 37							
M22	0 4	17 38	3 47	8 0	0 28	0s19	1 22	19 58	1 46	22 23	0 16	11 15	1 9	5 56	0 43	2 31	1 21	20 23	3 56	8 12	8 30	14 4	6 56	1 37							
T 23	0s19	18 26	4 27	8 41	0 36	0 49	1 21	20 2	1 45	22 23	0 16	11 12	1 10	5 55	0 43	2 31	1 21	20 23	3 56	8 13	8 29	14 6	6 59	1 36							
W24	0 42	18 24	4 57	9 21	0 43	1 19	1 20	20 7	1 43	22 23	0 16	11 10	1 10	5 54	0 43	2 30	1 21	20 23	3 56	8 13	8 28	14 7	7 2	1 36							
T 25	1 5	17 29	5 13	10 1	0 51	1 49	1 20	20 11	1 42	22 23	0 16	11 7	1 10	5 53	0 43	2 29	1 21	20 23	3 56	8 13	8 27	14 8	7 5	1 36							
F 26	1 28	15 42	5 15	10 40	0 59	2 19	1 19	20 15	1 41	22 22	0 17	11 5	1 10	5 52	0 43	2 29	1 21	20 23	3 56	8 13	8 26	14 9	7 8	1 35							
S 27	1 51	13 4	5 1	11 18	1 7	2 49	1 18	20 19	1 39	22 22	0 17	11 2	1 10	5 52	0 43	2 28	1 21	20 22	3 56	8 12	8 24	14 10	7 11	1 35							
S 28	2 14	9 38	4 30	11 55	1 15	3 19	1 17	20 23	1 38	22 22	0 17	11 0	1 10	5 51	0 43	2 27	1 21	20 22	3 56	8 11	8 23	14 11	7 14	1 35							
M29	2 38	5 35	3 42	12 32	1 23	3 49	1 16	20 27	1 36	22 22	0 17	10 58	1 10	5 50	0 43	2 27	1 21	20 22	3 57	8 10	8 22	14 13	7 17	1 34							
T 30	3s 1	1n 6	2s38	13s 8	1s31	4s19	1n15	20n31	1s35	22s21	0s17	10n55	1n11	5n49	0s43	2n26	1s21	20n22	3n57	8s10	8s21	14n14	7s20	1s34							



## ASTRODIENST EPHEMERIS for the year 2684

NOVEMBER 2684

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 43 50	9 <sup>m</sup> 8'35	29 <sup>m</sup> 17	18°R32	23 <sup>m</sup> 44	13°R56	21 <sup>h</sup> 36	7 <sup>m</sup> 42	15°R18	8°R29	14 <sup>h</sup> 19	20°R57	19 <sup>h</sup> 47	18 <sup>h</sup> 11	19 <sup>h</sup> 35	S 1
S 2	2 47 47	10° 8'16	14 <sup>m</sup> 20	17 <sup>m</sup> 28	24°59	13 <sup>h</sup> 47	21°44	7°47	15 <sup>h</sup> 15	8 <sup>h</sup> 27	14°19	20 <sup>h</sup> 55	19°44	18°18	19°43	S 2
M 3	2 51 43	11° 7'59	29° 5	16°18	26°13	13°36	21°52	7°51	15°13	8°26	14°20	20°52	19°41	18°25	19°52	M 3
T 4	2 55 40	12° 7'43	13 <sup>h</sup> 27	15° 4	27°28	13°25	22° 1	7°56	15°11	8°25	14°20	20°49	19°38	18°31	20° 0	T 4
W 5	2 59 36	13° 7'29	27°22	13°48	28°43	13°13	22°10	8° 1	15° 9	8°23	14°20	20°48	19°35	18°38	20° 8	W 5
T 6	3 3 33	14° 7'17	10 <sup>m</sup> 50	12°32	29°57	13° 0	22°19	8° 5	15° 7	8°22	14°20	20°D47	19°32	18°45	20°16	T 6
F 7	3 7 29	15° 7'06	23°53	11°19	1 <sup>h</sup> 12	12°46	22°28	8°10	15° 5	8°21	14°21	20°47	19°28	18°51	20°25	F 7
S 8	3 11 26	16° 6'57	6 <sup>h</sup> 34	10°10	2°27	12°31	22°37	8°14	15° 3	8°20	14°21	20°48	19°25	18°58	20°33	S 8
S 9	3 15 23	17° 6'50	18°57	9° 9	3°42	12°16	22°46	8°18	15° 1	8°18	14°21	20°50	19°22	19° 5	20°41	S 9
M10	3 19 19	18° 6'44	1 <sup>h</sup> 7	8°16	4°56	12° 0	22°55	8°23	14°59	8°17	14°21	20°52	19°19	19°11	20°49	M10
T 11	3 23 16	19° 6'40	13° 7	7°33	6°11	11°44	23° 5	8°27	14°57	8°16	14°21	20°53	19°16	19°18	20°57	T 11
W12	3 27 12	20° 6'38	25° 0	7° 1	7°26	11°26	23°14	8°31	14°56	8°15	14°21	20°R53	19°12	19°25	21° 5	W12
T 13	3 31 9	21° 6'37	6 <sup>h</sup> 39	6°40	8°41	11° 8	23°24	8°35	14°54	8°14	14°21	20°52	19° 9	19°31	21°13	T 13
F 14	3 35 5	22° 6'38	18°38	6°D32	9°55	10°50	23°34	8°39	14°52	8°13	14°R21	20°49	19° 6	19°38	21°21	F 14
S 15	3 39 2	23° 6'42	0 <sup>h</sup> 28	6°34	11°10	10°31	23°44	8°42	14°50	8°12	14°21	20°45	19° 3	19°45	21°29	S 15
S 16	3 42 58	24° 6'46	12°20	6°47	12°25	10°11	23°54	8°46	14°49	8°11	14°21	20°39	19° 0	19°51	21°37	S 16
M17	3 46 55	25° 6'53	24°17	7°11	13°39	9°51	24° 4	8°50	14°47	8°10	14°21	20°32	18°57	19°58	21°45	M17
T 18	3 50 52	26° 7'02	6 <sup>h</sup> 31	7°44	14°54	9°31	24°14	8°53	14°45	8° 9	14°21	20°26	18°53	20° 5	21°53	T 18
W19	3 54 48	27° 7'13	18°34	8°25	16° 9	9°10	24°24	8°57	14°44	8° 8	14°21	20°20	18°50	20°11	22° 1	W19
T 20	3 58 45	28° 7'25	0 <sup>h</sup> 58	9°14	17°23	8°49	24°35	9° 0	14°42	8° 7	14°21	20°15	18°47	20°18	22° 8	T 20
F 21	4 2 41	29° 7'40	13°37	10°10	18°38	8°28	24°45	9° 3	14°41	8° 6	14°21	20°12	18°44	20°25	22°16	F 21
S 22	4 6 38	0 <sup>h</sup> 7'57	26°33	11°12	19°53	8° 6	24°56	9° 6	14°39	8° 5	14°20	20°D11	18°41	20°31	22°24	S 22
S 23	4 10 34	1° 8'15	9 <sup>m</sup> 50	12°18	21° 8	7°45	25° 7	9° 9	14°38	8° 4	14°20	20°11	18°38	20°38	22°31	S 23
M24	4 14 31	2° 8'35	23°31	13°30	22°22	7°23	25°18	9°12	14°36	8° 3	14°20	20°12	18°34	20°45	22°39	M24
T 25	4 18 27	3° 8'58	7 <sup>h</sup> 37	14°45	23°37	7° 1	25°29	9°15	14°35	8° 2	14°20	20°14	18°31	20°51	22°46	T 25
W26	4 22 24	4° 9'22	22° 7	16° 3	24°52	6°39	25°40	9°18	14°33	8° 2	14°19	20°R14	18°28	20°58	22°54	W26
T 27	4 26 21	5° 9'48	6 <sup>m</sup> 59	17°24	26° 6	6°17	25°51	9°20	14°32	8° 1	14°19	20°13	18°25	21° 5	23° 1	T 27
F 28	4 30 17	6°10'16	22° 6	18°47	27°21	5°55	26° 2	9°23	14°31	8° 0	14°19	20°10	18°22	21°11	23° 8	F 28
S 29	4 34 14	7°10'46	7 <sup>h</sup> 21	20°13	28°36	5°33	26°14	9°25	14°30	8° 0	14°18	20° 4	18°18	21°18	23°15	S 29
S 30	4 38 10	8 <sup>h</sup> 11'17	22 <sup>h</sup> 31	21 <sup>m</sup> 40	29 <sup>h</sup> 50	5 <sup>h</sup> 12	26 <sup>h</sup> 25	9 <sup>m</sup> 27	14 <sup>h</sup> 29	7 <sup>h</sup> 59	14 <sup>h</sup> 18	19 <sup>h</sup> 57	18 <sup>h</sup> 15	21 <sup>h</sup> 25	23 <sup>h</sup> 23	S 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	lat
S 1	14s29	16s43	3n16	19s18	2s 6	18s25	0n14	22n 1	0s22	21s56	0s19	9n49	1n16	5n20	0s43	2n 7	1s21	20n20	4n 2	8s 9
S 2	14 48	18 14	4 14	18 44	1 49	18 45	0 11	22 3	0 19	21 54	0 19	9 48	1 16	5 20	0 43	2 6	1 21	20 20	4 2	8 8
M 3	15 7	18 27	4 53	18 6	1 31	19 5	0 9	22 5	0 16	21 53	0 19	9 46	1 16	5 19	0 43	2 6	1 21	20 20	4 2	8 7
T 4	15 25	17 29	5 13	17 27	1 12	19 25	0 7	22 7	0 13	21 52	0 19	9 45	1 16	5 18	0 43	2 5	1 21	20 20	4 3	8 6
W 5	15 43	15 29	5 14	16 45	0 52	19 44	0 4	22 8	0 10	21 51	0 19	9 43	1 17	5 17	0 43	2 5	1 21	20 20	4 3	8 5
T 6	16 1	12 41	4 57	16 2	0 31	20 2	0 2	22 10	0 6	21 49	0 19	9 42	1 17	5 16	0 43	2 4	1 21	20 20	4 3	8 5
F 7	16 19	9 21	4 25	15 20	0 11	20 20	0s 1	22 11	0 3	21 48	0 19	9 40	1 17	5 16	0 43	2 4	1 21	20 20	4 3	8 5
S 8	16 36	5 39	3 40	14 40	0n10	20 38	0 4	22 13	0 0	21 46	0 19	9 39	1 17	5 15	0 43	2 3	1 21	20 20	4 3	8 6
S 9	16 53	1 48	2 47	14 2	0 29	20 55	0 6	22 14	0n 3	21 45	0 19	9 37	1 17	5 14	0 43	2 3	1 21	20 21	4 3	8 6
M10	17 10	2n 4	1 47	13 28	0 47	21 11	0 9	22 15	0 6	21 43	0 19	9 36	1 18	5 14	0 43	2 2	1 21	20 21	4 4	8 7
T 11	17 26	5 49	0 43	12 58	1 4	21 26	0 11	22 16	0 10	21 42	0 19	9 35	1 18	5 13	0 43	2 2	1 21	20 21	4 4	8 7
W12	17 42	9 17	0s23	12 33	1 20	21 42	0 14	22 17	0 13	21 40	0 19	9 33	1 18	5 12	0 43	2 1	1 21	20 21	4 4	8 7
T 13	17 58	12 23	1 26	12 14	1 33	21 56	0 16	22 18	0 16	21 39	0 19	9 32	1 18	5 11	0 43	2 1	1 21	20 21	4 4	8 7
F 14	18 14	14 57	2 26	12 0	1 45	22 10	0 19	22 19	0 20	21 37	0 19	9 31	1 18	5 11	0 43	2 1	1 21	20 21	4 4	8 6
S 15	18 29	16 55	3 20	11 51	1 54	22 23	0 21	22 19	0 23	21 35	0 19	9 29	1 19	5 10	0 43	2 0	1 21	20 22	4 4	8 4
S 16	18 44	18 8	4 5	11 48	2 2	22 36	0 24	22 20	0 26	21 34	0 19	9 28	1 19	5 10	0 43	2 0	1 21	20 22	4 5	8 2
M17	18 58	18 34	4 39	11 50	2 8	22 47	0 26	22 20	0 30	21 32	0 19	9 27	1 19	5 9	0 43	1 59	1 20	20 22	4 5	8 0
T 18	19 13	18 10	5 2	11 56	2 13	22 59	0 29	22 20	0 33	21 30	0 19	9 26	1 19	5 8	0 43	1 59	1 20	20 22	4 5	7 57
W19	19 26	16 56	5 11	12 6	2 16	23 9	0 31	22 20	0 36	21 29	0 20	9 25	1 20	5 8	0 42	1 59	1 20	20 22	4 5	7 55
T 20	19 40	14 53	5 6	12 20	2 18	23 19	0 34	22 20	0 40	21 27	0 20	9 24	1 20	5 7	0 42	1 58	1 20	20 22	4 5	7 53
F 21	19 53	12 6	4 46	12 37	2 18	23 28	0 36	22 20	0 43	21 25	0 20	9 23	1 20	5 7	0 42	1 58	1 20	20 23	4 6	7 52
S 22	20 6	8 41	4 11	12 57	2 18	23 37	0 39	22 20	0 46	21 23	0 20	9 22	1 20	5 6	0 42	1 58	1 20	20 23	4 6	7 51
S 23	20 19	4 44	3 22	13 18	2 16	23 44	0 41	22 20	0 49	21 21	0 20	9 21	1 20	5 6	0 42	1 57	1 20	20 23	4 6	7 52
M24	20 31	0 25	2 20	13 42	2 14	23 51	0 44	22 19	0 53	21 19	0 20	9 20	1 21	5 5	0 42	1 57	1 20	20 23	4 6	7 52
T 25	20 42	4s 3	1 8	14 7	2 11	23 58	0 46	22 19	0 56	21 17	0 20	9 19	1 21	5 5	0 42	1 57	1 20	20 24	4 6	7 53
W26	20 54	8 25	0n10	14 33	2 7	24 3	0 49	22 18	0 59	21 15	0 20	9 18	1 21	5 4	0 42	1 57	1 20	20 24	4 6	7 53
T 27	21 5	12 23	1 29	15 0	2 2	24 8	0 51	22 18	1 2	21 13	0 20	9 18	1 21	5 4	0 42	1 56	1 20	20 24	4 7	7 52
F 28	21 15	15 35	2 44	15 28	1 57	24 13	0 53	22 17	1 5	21 11	0 20	9 17	1 22	5 3	0 42	1 56	1 20	20 24	4 7	7 51
S 29	21 26	17 43	3 47	15 56	1 52	24 16	0 56	22 16	1 8	21 9	0 20	9 16	1 22	5 3	0 42	1 56	1 20	20 25	4 7	7 49
S 30	21s35	18s35	4n33	16s24	1n46	24s19	0s58	22n15	1n11	21s 7	0s20	9n16	1n22	5n 2	0s42	1n56	1s20	20n25	4n 7	7s46

Julian Day Number = 2701675.5, Delta T = 26m06s

Ecliptic obliquity = 23°20'53", Nutation = 0°00'04"

Ayanamsha: Fagan/Bradley = 34°19'14", Lahiri = 33°26'14"





## ASTRODIENST EPHEMERIS for the year 2685

FEBRUARY 2685

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 46 33	12°12'02	14°4' 4	0°25' 2	17°45' 4	4°12' 26	10°22' 2	8°R15	14°45' 56	8°45' 26	13°R14	13°D36	14°25' 55	28°25' 25	28°25' 3	S 1
M 2	8 50 30	13°13'05	26°14	1°38	18°58	4°46	10°37	8°10	14°58	8°28	13°13	13°27	14°52	28°32	28°4	M 2
T 3	8 54 26	14°14'06	8°12	2°46	20°11	5°5	10°51	8°6	15°0	8°29	13°11	13°38	14°49	28°39	28°5	T 3
W 4	8 58 23	15°15'06	20°3	3°48	21°24	5°26	11°5	8°2	15°2	8°31	13°10	13°R38	14°46	28°45	28°6	W 4
T 5	9 2 20	16°16'06	1°12'52	4°42	22°37	5°46	11°19	7°58	15°4	8°32	13°9	13°36	14°42	28°52	28°6	T 5
F 6	9 6 16	17°17'04	13°45	5°29	23°50	6°7	11°33	7°53	15°6	8°34	13°7	13°32	14°39	28°59	28°7	F 6
S 7	9 10 13	18°18'02	25°47	6°7	25°2	6°28	11°47	7°49	15°8	8°35	13°6	13°26	14°36	29°5	28°7	S 7
S 8	9 14 9	19°18'58	8°0	6°35	26°15	6°50	12°1	7°44	15°10	8°37	13°5	13°18	14°33	29°12	28°8	S 8
M 9	9 18 6	20°19'54	20°28	6°54	27°28	7°12	12°15	7°40	15°13	8°39	13°3	13°9	14°30	29°19	28°8	M 9
T 10	9 22 2	21°20'48	3°12	7°R 1	28°40	7°35	12°29	7°35	15°15	8°40	13°2	12°59	14°27	29°25	28°R 8	T 10
W 11	9 25 59	22°21'41	16°13	6°57	29°52	7°57	12°43	7°31	15°17	8°42	13°1	12°49	14°23	29°32	28°8	W 11
T 12	9 29 55	23°22'33	29°29	6°42	1°45	8°20	12°58	7°26	15°20	8°44	12°59	12°41	14°20	29°39	28°8	T 12
F 13	9 33 52	24°23'24	12°17'58	6°16	2°17	8°43	13°12	7°21	15°22	8°45	12°58	12°35	14°17	29°45	28°7	F 13
S 14	9 37 49	25°24'14	26°39	5°40	3°29	9°7	13°26	7°17	15°24	8°47	12°57	12°32	14°14	29°52	28°7	S 14
S 15	9 41 45	26°25'04	10°29	4°53	4°41	9°31	13°40	7°12	15°27	8°49	12°55	12°D31	14°11	29°59	28°7	S 15
M 16	9 45 42	27°25'52	24°26	3°58	5°53	9°55	13°54	7°7	15°29	8°51	12°54	12°31	14°7	0°12	28°6	M 16
T 17	9 49 38	28°26'40	8°12	2°57	7°5	10°20	14°8	7°2	15°32	8°53	12°53	12°32	14°4	0°12	28°5	T 17
W 18	9 53 35	29°27'26	22°33	1°49	8°17	10°44	14°21	6°58	15°35	8°54	12°51	12°33	14°1	0°19	28°4	W 18
T 19	9 57 31	0°28'12	6°42	0°39	9°29	11°9	14°35	6°53	15°37	8°56	12°50	12°R33	13°58	0°26	28°3	T 19
F 20	10 1 28	1°28'57	20°51	29°28	10°41	11°35	14°49	6°48	15°40	8°58	12°49	12°32	13°55	0°32	28°2	F 20
S 21	10 5 24	2°29'42	5°0	28°17	11°52	12°0	15°3	6°43	15°42	9°0	12°47	12°28	13°52	0°39	28°1	S 21
S 22	10 9 21	3°30'25	19°5	27°8	13°4	12°26	15°17	6°38	15°45	9°2	12°46	12°23	13°48	0°46	28°0	S 22
M 23	10 13 18	4°31'07	3°4	26°4	14°15	12°52	15°31	6°33	15°48	9°4	12°45	12°17	13°45	0°52	27°58	M 23
T 24	10 17 14	5°31'47	16°52	25°5	15°26	13°19	15°45	6°29	15°51	9°6	12°44	12°11	13°42	0°59	27°57	T 24
W 25	10 21 11	6°32'27	0°26	24°13	16°37	13°45	15°58	6°24	15°54	9°8	12°42	12°5	13°39	1°6	27°55	W 25
T 26	10 25 7	7°33'05	13°43	23°27	17°48	14°12	16°12	6°19	15°56	9°10	12°41	12°0	13°36	1°12	27°54	T 26
F 27	10 29 4	8°33'42	26°43	22°49	18°59	14°39	16°26	6°14	15°59	9°12	12°40	11°58	13°33	1°19	27°52	F 27
S 28	10 33 0	9°34'17	9°42	22°19	20°10	15°12	16°39	6°19	16°0	9°14	12°39	11°D56	13°29	1°26	27°50	S 28

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	17s 4	5n29	0s 2	11s48	0s33	6s 4	1s21	23n11	2n17	17s58	0s24	9n56	1n36	5n15	0s40	2n 9	1s18
M 2	16 47	9 3	1 7	11 10	0 21	5 34	1 19	23 15	2 17	17 54	0 25	9 57	1 36	5 16	0 40	2 9	1 18
T 3	16 30	12 10	2 8	10 34	0 7	5 3	1 17	23 18	2 17	17 50	0 25	9 59	1 36	5 16	0 40	2 10	1 18
W 4	16 12	14 45	3 2	9 58	0n 7	4 32	1 14	23 22	2 16	17 47	0 25	10 1	1 36	5 17	0 40	2 10	1 18
T 5	15 54	16 43	3 49	9 24	0 22	4 1	1 12	23 25	2 16	17 43	0 25	10 3	1 36	5 18	0 40	2 11	1 18
F 6	15 36	17 58	4 26	8 52	0 38	3 31	1 10	23 29	2 16	17 39	0 25	10 4	1 37	5 19	0 40	2 12	1 18
S 7	15 17	18 25	4 52	8 23	0 55	2 59	1 7	23 32	2 16	17 35	0 25	10 6	1 37	5 20	0 40	2 12	1 18
S 8	14 58	18 2	5 5	7 57	1 12	2 28	1 5	23 36	2 16	17 31	0 25	10 8	1 37	5 21	0 40	2 13	1 18
M 9	14 39	16 48	5 3	7 34	1 29	1 57	1 2	23 39	2 15	17 28	0 25	10 10	1 37	5 22	0 39	2 14	1 18
T 10	14 20	14 42	4 47	7 15	1 46	1 26	0 59	23 43	2 15	17 24	0 25	10 12	1 37	5 23	0 39	2 14	1 18
W 11	14 0	11 50	4 16	7 1	2 3	0 55	0 56	23 46	2 15	17 20	0 25	10 14	1 37	5 23	0 39	2 15	1 17
T 12	13 41	8 19	3 31	6 51	2 20	0 23	0 53	23 50	2 15	17 16	0 26	10 15	1 38	5 24	0 39	2 16	1 17
F 13	13 21	4 19	2 32	6 46	2 36	0n 8	0 51	23 53	2 14	17 12	0 26	10 17	1 38	5 25	0 39	2 16	1 17
S 14	13 0	0 2	1 25	6 45	2 50	0 39	0 48	23 57	2 14	17 8	0 26	10 19	1 38	5 26	0 39	2 17	1 17
S 15	12 40	4s18	0 11	6 50	3 4	1 11	0 44	24 0	2 14	17 4	0 26	10 21	1 38	5 27	0 39	2 18	1 17
M 16	12 19	8 26	1n 4	6 59	3 15	1 42	0 41	24 3	2 14	17 0	0 26	10 23	1 38	5 28	0 39	2 18	1 17
T 17	11 58	12 7	2 16	7 12	3 25	2 13	0 38	24 7	2 13	16 57	0 26	10 25	1 38	5 29	0 39	2 19	1 17
W 18	11 37	15 7	3 20	7 29	3 32	2 44	0 35	24 10	2 13	16 53	0 26	10 27	1 38	5 30	0 39	2 20	1 17
T 19	11 16	17 13	4 12	7 48	3 37	3 16	0 32	24 13	2 13	16 49	0 26	10 29	1 38	5 31	0 39	2 21	1 17
F 20	10 54	18 14	4 48	8 11	3 40	3 47	0 28	24 16	2 12	16 45	0 26	10 30	1 38	5 32	0 39	2 21	1 17
S 21	10 33	18 8	5 7	8 35	3 40	4 18	0 25	24 19	2 12	16 41	0 26	10 32	1 39	5 33	0 39	2 22	1 17
S 22	10 11	16 55	5 8	9 0	3 38	4 49	0 21	24 23	2 12	16 37	0 27	10 34	1 39	5 34	0 39	2 23	1 17
M 23	9 49	14 41	4 50	9 26	3 33	5 20	0 18	24 26	2 11	16 33	0 27	10 36	1 39	5 36	0 39	2 24	1 17
T 24	9 27	11 39	4 16	9 51	3 27	5 50	0 14	24 29	2 11	16 29	0 27	10 38	1 39	5 37	0 39	2 25	1 17
W 25	9 5	8 3	3 27	10 16	3 19	6 21	0 10	24 32	2 11	16 25	0 27	10 40	1 39	5 38	0 39	2 25	1 17
T 26	8 42	4 6	2 28	10 40	3 10	6 52	0 7	24 34	2 10	16 21	0 27	10 42	1 39	5 39	0 39	2 26	1 17
F 27	8 20	0 3	1 22	11 2	2 59	7 22	0 3	24 37	2 10	16 17	0 27	10 44	1 39	5 40	0 39	2 27	1 17
S 28	7s57	3n55	0n14	11s22	2n48	7n52	0n 1	24n40	2n10	16s13	0s27	10n45	1n39	5n41	0s39	2n28	1s17

Julian Day Number = 2701767.5, Delta T = 26m07s

Ecliptic obliquity = 23°20'52, Nutation = 0°00'06

Ayanamsha: Fagan/Bradley = 34°19'27, Lahiri = 33°26'27

## ASTRODIENST EPHEMERIS for the year 2685

MARCH 2685

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 36 57	10°34'50	21°48	21°R57	21°48	15°33	16°53	6°R 4	16°48	9°16	12°R38	11°57	13°26	1°32	27°R48	S 1
M 2	10 40 53	11°35'22	3°58	21°42	22°31	16° 1	17° 6	5°18	16° 8	9°18	12°36	11°58	13°23	1°39	27°45	M 2
T 3	10 44 50	12°35'52	15°57	21°34	23°42	16°29	17°20	5°54	16°11	9°20	12°35	12° 0	13°20	1°46	27°43	T 3
W 4	10 48 46	13°36'20	27°49	21°D34	24°52	16°57	17°33	5°50	16°14	9°22	12°34	12° 2	13°17	1°52	27°41	W 4
T 5	10 52 43	14°36'47	9°40	21°40	26° 2	17°25	17°47	5°45	16°17	9°24	12°33	12°R 3	13°13	1°59	27°38	T 5
F 6	10 56 40	15°37'12	21°33	21°53	27°12	17°54	18° 0	5°40	16°20	9°26	12°32	12° 3	13°10	2° 6	27°36	F 6
S 7	11 0 36	16°37'34	3°35	22°12	28°22	18°22	18°13	5°35	16°23	9°29	12°31	12° 1	13° 7	2°13	27°33	S 7
S 8	11 4 33	17°37'55	15°49	22°36	29°32	18°51	18°27	5°31	16°26	9°31	12°30	11°59	13° 4	2°19	27°30	S 8
M 9	11 8 29	18°38'14	28°20	23° 5	0°42	19°20	18°40	5°26	16°29	9°33	12°29	11°56	13° 1	2°26	27°27	M 9
T 10	11 12 26	19°38'32	11°10	23°39	1°51	19°49	18°53	5°21	16°32	9°35	12°28	11°52	12°58	2°33	27°24	T 10
W 11	11 16 22	20°38'47	24°20	24°17	3° 1	20°18	19° 6	5°17	16°36	9°37	12°27	11°49	12°54	2°39	27°21	W 11
T 12	11 20 19	21°39'00	7°18	24°59	4°10	20°48	19°19	5°12	16°39	9°39	12°26	11°46	12°51	2°46	27°18	T 12
F 13	11 24 15	22°39'12	21°43	25°45	5°19	21°17	19°32	5° 7	16°42	9°42	12°25	11°44	12°48	2°53	27°15	F 13
S 14	11 28 12	23°39'21	5°50	26°35	6°28	21°47	19°45	5° 3	16°45	9°44	12°24	11°D43	12°45	2°59	27°12	S 14
S 15	11 32 9	24°39'29	20° 8	27°28	7°36	22°17	19°58	4°59	16°48	9°46	12°23	11°43	12°42	3° 6	27° 8	S 15
M 16	11 36 5	25°39'36	4°33	28°24	8°45	22°47	20°11	4°54	16°52	9°48	12°22	11°44	12°39	3°13	27° 5	M 16
T 17	11 40 2	26°39'41	18°59	29°23	9°53	23°17	20°24	4°50	16°55	9°50	12°21	11°45	12°35	3°19	27° 1	T 17
W 18	11 43 58	27°39'44	3°23	0°42	11° 1	23°48	20°37	4°45	16°58	9°53	12°20	11°46	12°32	3°26	26°58	W 18
T 19	11 47 55	28°39'46	17°41	1°29	12° 9	24°18	20°49	4°41	17° 1	9°55	12°19	11°47	12°29	3°33	26°54	T 19
F 20	11 51 51	29°39'46	1°35	2°35	13°17	24°49	21° 2	4°37	17° 5	9°57	12°18	11°R47	12°26	3°40	26°50	F 20
S 21	11 55 48	0°39'45	15°48	3°44	14°24	25°19	21°14	4°33	17° 8	9°59	12°17	11°47	12°23	3°46	26°46	S 21
S 22	11 59 44	1°39'42	29°35	4°54	15°32	25°50	21°27	4°29	17°11	10° 2	12°17	11°46	12°19	3°53	26°42	S 22
M 23	12 3 41	2°39'38	13°39	6° 7	16°39	26°21	21°39	4°25	17°15	10° 4	12°16	11°45	12°16	4° 0	26°39	M 23
T 24	12 7 38	3°39'32	26°30	7°22	17°46	26°52	21°52	4°21	17°18	10° 6	12°15	11°44	12°13	4° 6	26°34	T 24
W 25	12 11 34	4°39'24	9°37	8°38	18°53	27°23	22° 4	4°17	17°21	10° 8	12°14	11°43	12°10	4°13	26°30	W 25
T 26	12 15 31	5°39'14	22°31	9°56	19°59	27°55	22°16	4°13	17°25	10°11	12°13	11°42	12° 7	4°20	26°26	T 26
F 27	12 19 27	6°39'02	5°11	11°16	21° 6	28°26	22°28	4° 9	17°28	10°13	12°13	11°42	12° 4	4°26	26°22	F 27
S 28	12 23 24	7°38'49	17°38	12°37	22°12	28°58	22°40	4° 6	17°31	10°15	12°12	11°D42	12° 0	4°33	26°18	S 28
S 29	12 27 20	8°38'33	29°53	14° 0	23°18	29°29	22°52	4° 2	17°35	10°18	12°11	11°42	11°57	4°40	26°13	S 29
M 30	12 31 17	9°38'16	11°58	15°25	24°23	0° 1	23° 4	3°59	17°38	10°20	12°11	11°42	11°54	4°46	26° 9	M 30
T 31	12 35 13	10°37'56	23°55	16°51	25°29	0°33	23°16	3°18	17°42	10°22	12°10	11°43	11°51	4°53	26° 5	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	7s34	7n38	0s54	11s41	2n36	8n22	0n 5	24n43	2n 9	16s 9	0s27	10n47	1n39	5n42	0s39	S 1
M 2	7 11	10 57	1 58	11 58	2 23	8 52	0 9	24 45	2 9	16 5	0 27	10 49	1 39	5 43	0 39	M 2
T 3	6 48	13 44	2 56	12 13	2 10	9 22	0 13	24 48	2 8	16 1	0 28	10 51	1 39	5 45	0 39	T 3
W 4	6 25	15 56	3 46	12 25	1 57	9 51	0 17	24 50	2 8	15 57	0 28	10 53	1 39	5 46	0 39	W 4
T 5	6 2	17 26	4 26	12 36	1 43	10 21	0 21	24 53	2 8	15 53	0 28	10 55	1 39	5 47	0 39	T 5
F 6	5 39	18 11	4 55	12 44	1 30	10 50	0 25	24 55	2 7	15 49	0 28	10 56	1 40	5 48	0 39	F 6
S 7	5 16	18 7	5 11	12 51	1 17	11 19	0 29	24 57	2 7	15 45	0 28	10 58	1 40	5 49	0 39	S 7
S 8	4 52	17 13	5 14	12 55	1 4	11 47	0 33	24 59	2 7	15 41	0 28	11 0	1 40	5 50	0 39	S 8
M 9	4 29	15 29	5 2	12 58	0 51	12 15	0 37	25 1	2 6	15 37	0 28	11 2	1 40	5 52	0 39	M 9
T 10	4 5	12 57	4 35	12 58	0 39	12 43	0 42	25 3	2 6	15 33	0 28	11 4	1 40	5 53	0 39	T 10
W 11	3 42	9 42	3 52	12 57	0 27	13 11	0 46	25 5	2 5	15 29	0 29	11 5	1 40	5 54	0 39	W 11
T 12	3 18	5 52	2 56	12 54	0 15	13 39	0 50	25 6	2 5	15 25	0 29	11 7	1 40	5 55	0 39	T 12
F 13	2 54	1 37	1 48	12 49	0 4	14 6	0 54	25 8	2 5	15 22	0 29	11 9	1 40	5 57	0 39	F 13
S 14	2 31	2s48	0 33	12 43	0s 7	14 33	0 59	25 10	2 4	15 18	0 29	11 10	1 40	5 58	0 39	S 14
S 15	2 7	7 7	0n46	12 35	0 18	14 59	1 3	25 11	2 4	15 14	0 29	11 12	1 40	5 59	0 39	S 15
M 16	1 43	11 3	2 3	12 25	0 28	15 26	1 7	25 12	2 3	15 10	0 29	11 14	1 40	6 0	0 39	M 16
T 17	1 19	14 19	3 12	12 14	0 38	15 51	1 12	25 14	2 3	15 6	0 29	11 15	1 40	6 2	0 39	T 17
W 18	0 56	16 41	4 9	12 1	0 47	16 17	1 16	25 15	2 3	15 2	0 29	11 17	1 40	6 3	0 39	W 18
T 19	0 32	17 59	4 49	11 47	0 56	16 42	1 20	25 16	2 2	14 58	0 30	11 18	1 40	6 4	0 39	T 19
F 20	0 8	18 8	5 12	11 31	1 4	17 7	1 25	25 16	2 2	14 54	0 30	11 20	1 40	6 5	0 39	F 20
S 21	0n16	17 11	5 16	11 14	1 13	17 31	1 29	25 17	2 1	14 50	0 30	11 21	1 40	6 7	0 39	S 21
S 22	0 40	15 14	5 2	10 55	1 20	17 55	1 34	25 18	2 1	14 46	0 30	11 23	1 40	6 8	0 39	S 22
M 23	1 3	12 29	4 31	10 35	1 27	18 19	1 38	25 18	2 0	14 43	0 30	11 24	1 40	6 9	0 39	M 23
T 24	1 27	9 6	3 45	10 14	1 34	18 42	1 42	25 19	2 0	14 39	0 30	11 26	1 40	6 10	0 39	T 24
W 25	1 51	5 20	2 49	9 51	1 41	19 5	1 47	25 19	2 0	14 35	0 30	11 27	1 40	6 12	0 39	W 25
T 26	2 14	1 22	1 45	9 28	1 47	19 27	1 51	25 19	1 59	14 31	0 31	11 29	1 40	6 13	0 38	T 26
F 27	2 38	2n36	0 36	9 3	1 52	19 49	1 55	25 19	1 59	14 27	0 31	11 30	1 40	6 14	0 38	F 27
S 28	3 1	6 23	0s33	8 36	1 57	20 10	2 0	25 19	1 58	14 24	0 31	11 31	1 40	6 16	0 38	S 28
S 29	3 25	9 50	1 39	8 9	2 2	20 31	2 4	25 19	1 58	14 20	0 31	11 32	1 40	6 17	0 38	S 29
M 30	3 48	12 49	2 40	7 40	2 6	20 52	2 8	25 18	1 57	14 16	0 31	11 34	1 40	6 18	0 38	M 30
T 31	4n12	15n14	3s34	7s10	2s10	21n12	2n12	25n18	1n57	14s12	0s31	11n35	1n40	6n20	0s38	T 31

Julian Day Number = 2701795.5, Delta T = 26m08s

Ecliptic obliquity = 23°20'53, Nutation = 0°00'05

Ayanamsha: Fagan/Bradley = 34°19'31, Lahiri = 33°26'31

## ASTRODIENST EPHEMERIS for the year 2685

APRIL 2685

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 39 10	11°37'34"	5°11'47"	18°18'18"	26°38'34"	1°55'5	23°28'28"	3°R52	17°45'45"	10°45'24"	12°R10	11°R43	11°48'48"	5°11'0	26°R 0	W 1
T 2	12 43 6	12°37'10"	17°38'	19°47'	27°39'	1°37'	23°39'	3°17'49"	17°48'	10°27'	12°R 9	11°43'43"	11°44'	5°7	25°56'	T 2
F 3	12 47 3	13°36'44"	29°31'	21°17'	28°43'	2°9'	23°51'	3°45'	17°52'	10°29'	12°8	11°43'	11°41'	5°13	25°51'	F 3
S 4	12 51 0	14°36'16"	11°53'31"	22°49'	29°48'	2°41'	24°2'	3°42'	17°55'	10°31'	12°8	11°D42	11°38'	5°20	25°47'	S 4
S 5	12 54 56	15°35'45"	23°43'	24°22'	0°11'52"	3°14'	24°14'	3°39'	17°59'	10°33'	12°7	11°43'	11°35'	5°27	25°42'	S 5
M 6	12 58 53	16°35'12"	6°01'11"	25°56'	1°56'	3°46'	24°25'	3°36'	18°2'	10°36'	12°7	11°43'	11°32'	5°33	25°37'	M 6
T 7	13 2 49	17°34'37"	18°59'	27°32'	2°59'	4°19'	24°36'	3°34'	18°6'	10°38'	12°6	11°43'	11°29'	5°40	25°33'	T 7
W 8	13 6 46	18°33'59"	2°11'11"	29°9'	4°2'	4°51'	24°47'	3°31'	18°9'	10°40'	12°6	11°44'	11°25'	5°47	25°28'	W 8
T 9	13 10 42	19°33'19"	15°47'	0°48'	5°5'	5°24'	24°58'	3°28'	18°12'	10°43'	12°6	11°45'	11°22'	5°53	25°24'	T 9
F 10	13 14 39	20°32'37"	29°48'	2°28'	6°8'	5°57'	25°9'	3°26'	18°16'	10°45'	12°5	11°45'	11°19'	6°0	25°19'	F 10
S 11	13 18 35	21°31'53"	14°12'	4°9'	7°10'	6°30'	25°20'	3°23'	18°19'	10°47'	12°5	11°R45	11°16'	6°7	25°14'	S 11
S 12	13 22 32	22°31'07"	28°52'	5°52'	8°11'	7°2'	25°30'	3°21'	18°23'	10°49'	12°5	11°45'	11°13'	6°14	25°9'	S 12
M13	13 26 29	23°30'19"	13°11'44"	7°36'	9°13'	7°35'	25°41'	3°19'	18°26'	10°51'	12°4	11°44'	11°10'	6°20	25°5'	M13
T 14	13 30 25	24°29'29"	28°38'	9°21'	10°14'	8°9'	25°52'	3°16'	18°29'	10°54'	12°4	11°43'	11°6'	6°27	25°0'	T 14
W15	13 34 22	25°28'37"	13°12'28"	11°8'	11°15'	8°42'	26°2'	3°14'	18°33'	10°56'	12°4	11°41'	11°3'	6°34	24°55'	W15
T 16	13 38 18	26°27'44"	28°5'	12°56'	12°15'	9°15'	26°12'	3°12'	18°36'	10°58'	12°3	11°39'	11°0'	6°40	24°51'	T 16
F 17	13 42 15	27°26'48"	12°32'26"	14°46'	13°15'	9°48'	26°22'	3°11'	18°40'	11°0'	12°3	11°38'	10°57'	6°47	24°46'	F 17
S 18	13 46 11	28°25'51"	26°27'	16°37'	14°14'	10°21'	26°33'	3°9'	18°43'	11°3'	12°3	11°D38	10°54'	6°54	24°41'	S 18
S 19	13 50 8	29°24'53"	10°12'7"	18°30'	15°13'	10°55'	26°42'	3°7'	18°46'	11°5'	12°3	11°38'	10°50'	7°0	24°36'	S 19
M20	13 54 4	0°23'52"	23°28'	20°24'	16°12'	11°28'	26°52'	3°6'	18°50'	11°7'	12°3	11°39'	10°47'	7°7	24°32'	M20
T 21	13 58 1	1°22'50"	6°11'31"	22°20'	17°10'	12°2'	27°2'	3°4'	18°53'	11°9'	12°3	11°40'	10°44'	7°14	24°27'	T 21
W22	14 1 58	2°21'46"	19°17'	24°17'	18°8'	12°35'	27°12'	3°3'	18°57'	11°11'	12°3	11°42'	10°41'	7°20	24°22'	W22
T 23	14 5 54	3°20'40"	1°11'51"	26°15'	19°5'	13°9'	27°21'	3°2'	19°0'	11°13'	12°3	11°43'	10°38'	7°27	24°18'	T 23
F 24	14 9 51	4°19'33"	14°12'	28°15'	20°1'	13°43'	27°31'	3°0'	19°3'	11°16'	12°D 3	11°R43	10°35'	7°34	24°13'	F 24
S 25	14 13 47	5°18'23"	26°24'	0°16'	20°58'	14°17'	27°40'	2°59'	19°7'	11°18'	12°3	11°42'	10°31'	7°41	24°9'	S 25
S 26	14 17 44	6°17'12"	8°12'28"	2°19'	21°53'	14°51'	27°49'	2°58'	19°10'	11°20'	12°3	11°40'	10°28'	7°47	24°4'	S 26
M27	14 21 40	7°15'59"	20°26'	4°22'	22°48'	15°24'	27°58'	2°58'	19°13'	11°22'	12°3	11°37'	10°25'	7°54	23°59'	M27
T 28	14 25 37	8°14'43"	2°11'20"	6°27'	23°43'	15°58'	28°7'	2°57'	19°16'	11°24'	12°3	11°33'	10°22'	8°1	23°55'	T 28
W29	14 29 33	9°13'26"	14°11'	8°33'	24°37'	16°32'	28°16'	2°56'	19°20'	11°26'	12°3	11°28'	10°19'	8°7	23°50'	W29
T 30	14 33 30	10°12'07"	26°11'	10°13'39"	25°11'30"	17°55'7"	28°12'24"	2°11'56"	19°23'	11°28'	12°R 3	11°43'	10°15'	8°14	23°46'	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	4n35	16n58	4s17	6s39	2s13	21n32	2n17	25n17	1n57	14s 9	0s31	11n36	1n40	6n21	0s38	2n55
T 2	4 58	17 58	4 50	6 7	2 16	21 51	2 21	25 16	1 56	14 5	0 32	11 37	1 40	6 22	0 38	2 56
F 3	5 21	18 10	5 10	5 34	2 19	22 9	2 25	25 15	1 56	14 1	0 32	11 38	1 40	6 23	0 38	2 57
S 4	5 44	17 35	5 17	5 0	2 21	22 27	2 29	25 14	1 55	13 58	0 32	11 39	1 40	6 25	0 38	2 58
S 5	6 7	16 10	5 11	4 24	2 22	22 45	2 33	25 13	1 55	13 54	0 32	11 40	1 39	6 26	0 38	2 59
M 6	6 30	13 59	4 49	3 48	2 23	23 2	2 37	25 12	1 54	13 50	0 32	11 41	1 39	6 27	0 38	3 0
T 7	6 52	11 4	4 13	3 11	2 24	23 19	2 41	25 11	1 54	13 47	0 32	11 42	1 39	6 29	0 38	3 1
W 8	7 15	7 30	3 22	2 32	2 24	23 35	2 45	25 9	1 53	13 43	0 33	11 43	1 39	6 30	0 38	3 2
T 9	7 37	3 27	2 19	1 53	2 24	23 50	2 49	25 7	1 53	13 40	0 33	11 44	1 39	6 31	0 38	3 2
F 10	8 0	0s56	1 6	1 13	2 23	24 5	2 53	25 5	1 53	13 36	0 33	11 45	1 39	6 33	0 38	3 3
S 11	8 22	5 22	0n14	0 31	2 22	24 20	2 57	25 3	1 52	13 33	0 33	11 46	1 39	6 34	0 38	3 4
S 12	8 44	9 34	1 34	0n11	2 20	24 33	3 0	25 1	1 52	13 29	0 33	11 47	1 39	6 35	0 38	3 5
M13	9 6	13 13	2 48	0 54	2 18	24 47	3 4	24 59	1 51	13 26	0 33	11 48	1 39	6 36	0 38	3 6
T 14	9 27	16 1	3 51	1 38	2 15	24 59	3 8	24 57	1 51	13 23	0 34	11 48	1 39	6 38	0 38	3 7
W15	9 49	17 43	4 39	2 22	2 12	25 12	3 11	24 54	1 50	13 19	0 34	11 49	1 39	6 39	0 38	3 8
T 16	10 10	18 13	5 8	3 8	2 8	25 23	3 15	24 51	1 50	13 16	0 34	11 50	1 39	6 40	0 38	3 8
F 17	10 32	17 31	5 16	3 54	2 4	25 34	3 18	24 48	1 49	13 13	0 34	11 50	1 39	6 42	0 38	3 9
S 18	10 53	15 47	5 6	4 41	1 59	25 45	3 21	24 45	1 49	13 10	0 34	11 51	1 39	6 43	0 38	3 10
S 19	11 13	13 10	4 38	5 28	1 54	25 55	3 24	24 42	1 49	13 6	0 34	11 51	1 39	6 44	0 38	3 11
M20	11 34	9 56	3 56	6 16	1 48	26 4	3 27	24 39	1 48	13 3	0 35	11 52	1 38	6 45	0 38	3 12
T 21	11 55	6 16	3 2	7 5	1 42	26 13	3 30	24 36	1 48	13 0	0 35	11 52	1 38	6 47	0 38	3 13
W22	12 15	2 22	2 1	7 54	1 35	26 22	3 33	24 32	1 47	12 57	0 35	11 53	1 38	6 48	0 38	3 13
T 23	12 35	1n34	0 54	8 44	1 28	26 29	3 36	24 28	1 47	12 54	0 35	11 53	1 38	6 49	0 38	3 14
F 24	12 55	5 22	0s14	9 34	1 20	26 37	3 39	24 24	1 46	12 51	0 35	11 53	1 38	6 50	0 38	3 15
S 25	13 14	8 54	1 20	10 24	1 12	26 43	3 41	24 20	1 46	12 48	0 36	11 54	1 38	6 52	0 38	3 16
S 26	13 34	12 2	2 22	11 14	1 4	26 49	3 44	24 16	1 45	12 45	0 36	11 54	1 38	6 53	0 38	3 17
M27	13 53	14 37	3 17	12 4	0 55	26 55	3 46	24 12	1 45	12 42	0 36	11 54	1 38	6 54	0 38	3 17
T 28	14 12	16 35	4 3	12 54	0 45	27 0	3 48	24 8	1 45	12 39	0 36	11 54	1 38	6 55	0 38	3 18
W29	14 31	17 48	4 38	13 44	0 36	27 4	3 50	24 3	1 44	12 36	0 36	11 54	1 38	6 57	0 38	3 19
T 30	14n49	18n16	5s 2	14n33	0s26	27n 8	3n52	23n58	1n44	12s33	0s37	11n54	1n38	6n58	0s38	3n20

Julian Day Number = 2701826.5, Delta T = 26m08s

Ecliptic obliquity = 23°20'52", Nutation = 0°00'03

Ayanamsha: Fagan/Bradley = 34°19'35", Lahiri = 33°26'35

## ASTRODIENST EPHEMERIS for the year 2685

MAY 2685

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14 37 27	11°8'10"46	7°55'55	12°8'47	26°11'23	17°54'41	28°33'33	2°R55	19°Y26	11°Y30	12°Ω 3	11°R19	10°Ω12	8°II21	23°R42	F 1
S 2	14 41 23	12° 9'22	19°55	14°55	27°15	18°15	28°41	2°M55	19°30	11°32	12° 3	11°Ω15	10° 9	8°27	23°Ω37	S 2
S 3	14 45 20	13° 7'56	2°Ω 5	17° 3	28° 6	18°49	28°49	2°55	19°33	11°34	12° 4	11°13	10° 6	8°34	23°33	S 3
M 4	14 49 16	14° 6'28	14°29	19°11	28°56	19°23	28°58	2°D55	19°36	11°36	12° 4	11°D13	10° 3	8°41	23°29	M 4
T 5	14 53 13	15° 4'58	27°12	21°18	29°46	19°58	29° 5	2°55	19°39	11°38	12° 4	11°13	10° 0	8°48	23°25	T 5
W 6	14 57 9	16° 3'26	10°M18	23°25	0°Ω35	20°32	29°13	2°55	19°42	11°40	12° 4	11°15	9°56	8°54	23°21	W 6
T 7	15 1 6	17° 1'52	23°49	25°32	1°24	21° 7	29°21	2°55	19°45	11°42	12° 5	11°16	9°53	9° 1	23°17	T 7
F 8	15 5 2	18° 0'15	7°Ω48	27°37	2°11	21°41	29°29	2°56	19°49	11°44	12° 5	11°R17	9°50	9° 8	23°13	F 8
S 9	15 8 59	18°58'37	22°15	29°40	2°57	22°16	29°36	2°56	19°52	11°46	12° 5	11°16	9°47	9°14	23° 9	S 9
S 10	15 12 55	19°56'57	7°M 4	1°II42	3°43	22°50	29°43	2°57	19°55	11°48	12° 6	11°14	9°44	9°21	23° 5	S 10
M11	15 16 52	20°55'15	22°10	3°42	4°28	23°25	29°50	2°57	19°58	11°50	12° 6	11°10	9°41	9°28	23° 1	M11
T 12	15 20 49	21°53'31	7°M24	5°39	5°11	23°59	29°57	2°58	20° 1	11°52	12° 7	11° 5	9°37	9°35	22°57	T 12
W13	15 24 45	22°51'45	22°35	7°34	5°54	24°34	0°H 4	2°59	20° 4	11°53	12° 7	10°59	9°34	9°41	22°54	W13
T 14	15 28 42	23°49'58	7°Ω33	9°26	6°36	25° 9	0°11	3° 0	20° 7	11°55	12° 8	10°53	9°31	9°48	22°50	T 14
F 15	15 32 38	24°48'10	22°10	11°15	7°16	25°43	0°17	3° 1	20°10	11°57	12° 8	10°48	9°28	9°55	22°46	F 15
S 16	15 36 35	25°46'20	6°Ω22	13° 0	7°56	26°18	0°24	3° 2	20°13	11°59	12° 9	10°45	9°25	10° 1	22°43	S 16
S 17	15 40 31	26°44'28	20° 7	14°43	8°34	26°53	0°30	3° 4	20°16	12° 1	12° 9	10°43	9°21	10° 8	22°40	S 17
M18	15 44 28	27°42'36	3°H26	16°21	9°11	27°28	0°36	3° 5	20°19	12° 2	12°10	10°D43	9°18	10°15	22°36	M18
T 19	15 48 25	28°40'41	16°21	17°56	9°47	28° 3	0°42	3° 7	20°21	12° 4	12°11	10°44	9°15	10°21	22°33	T 19
W20	15 52 21	29°38'46	28°58	19°28	10°22	28°38	0°47	3° 8	20°24	12° 6	12°11	10°45	9°12	10°28	22°30	W20
T 21	15 56 18	0°II36'49	11°Y18	20°56	10°55	29°13	0°53	3°10	20°27	12° 7	12°12	10°R45	9° 9	10°35	22°27	T 21
F 22	16 0 14	1°34'51	23°28	22°20	11°27	29°48	0°58	3°12	20°30	12° 9	12°13	10°45	9° 6	10°42	22°24	F 22
S 23	16 4 11	2°32'51	5°Ω28	23°40	11°57	0°Ω23	1° 4	3°14	20°33	12°11	12°13	10°42	9° 2	10°48	22°21	S 23
S 24	16 8 7	3°30'50	17°24	24°56	12°26	0°58	1° 9	3°16	20°35	12°12	12°14	10°36	8°59	10°55	22°18	S 24
M25	16 12 4	4°28'47	29°16	26° 8	12°53	1°33	1°14	3°18	20°38	12°14	12°15	10°28	8°56	11° 2	22°16	M25
T 26	16 16 0	5°26'44	11°II 7	27°16	13°19	2° 8	1°18	3°20	20°41	12°15	12°16	10°19	8°53	11° 8	22°13	T 26
W27	16 19 57	6°24'38	22°58	28°19	13°43	2°44	1°23	3°23	20°43	12°17	12°16	10° 8	8°50	11°15	22°11	W27
T 28	16 23 54	7°22'31	4°Ω51	29°19	14° 6	3°19	1°27	3°25	20°46	12°18	12°17	9°57	8°47	11°22	22° 8	T 28
F 29	16 27 50	8°20'23	16°48	0°Ω14	14°26	3°54	1°31	3°28	20°49	12°20	12°18	9°47	8°43	11°29	22° 6	F 29
S 30	16 31 47	9°18'13	28°51	1° 5	14°45	4°30	1°35	3°30	20°51	12°21	12°19	9°39	8°40	11°35	22° 4	S 30
S 31	16 35 43	10°II16'01	11°Ω 3	1°Ω52	15°Ω 1	5°Ω 5	1°H39	3°M33	20°Y54	12°Y23	12°Ω20	9°Ω33	8°Ω37	11°II42	22°Ω 2	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	15n 8	17n55	5s12	15n22	0s15	27n12	3n54	23n53	1n43	12s31	0s37	11n55	1n38	6n59	0s38	3n21
S 2	15 26	16 47	5 9	16 10	0 5	27 15	3 56	23 48	1 43	12 28	0 37	11 55	1 37	7 0	0 38	3 21
S 3	15 43	14 52	4 52	16 57	0n 6	27 17	3 57	23 43	1 42	12 25	0 37	11 55	1 37	7 2	0 38	3 22
M 4	16 1	12 15	4 22	17 43	0 16	27 19	3 59	23 38	1 42	12 23	0 37	11 54	1 37	7 3	0 38	3 23
T 5	16 18	8 59	3 38	18 27	0 27	27 21	4 0	23 32	1 41	12 20	0 38	11 54	1 37	7 4	0 38	3 24
W 6	16 35	5 12	2 41	19 10	0 38	27 22	4 1	23 27	1 41	12 17	0 38	11 54	1 37	7 5	0 38	3 24
T 7	16 51	1 0	1 34	19 51	0 48	27 22	4 2	23 21	1 40	12 15	0 38	11 54	1 37	7 6	0 38	3 25
F 8	17 8	3s23	0 19	20 30	0 59	27 22	4 3	23 15	1 40	12 13	0 38	11 54	1 37	7 7	0 38	3 26
S 9	17 24	7 43	0n59	21 7	1 9	27 22	4 3	23 9	1 40	12 10	0 38	11 54	1 37	7 9	0 38	3 26
S 10	17 40	11 41	2 16	21 42	1 18	27 21	4 3	23 3	1 39	12 8	0 39	11 53	1 37	7 10	0 38	3 27
M11	17 55	14 57	3 24	22 15	1 28	27 19	4 3	22 57	1 39	12 6	0 39	11 53	1 37	7 11	0 39	3 28
T 12	18 10	17 13	4 18	22 45	1 36	27 18	4 3	22 50	1 38	12 3	0 39	11 53	1 36	7 12	0 39	3 29
W13	18 25	18 15	4 54	23 12	1 45	27 16	4 3	22 44	1 38	12 1	0 39	11 52	1 36	7 13	0 39	3 29
T 14	18 40	18 0	5 9	23 38	1 52	27 13	4 2	22 37	1 37	11 59	0 39	11 52	1 36	7 14	0 39	3 30
F 15	18 54	16 32	5 3	24 0	1 59	27 10	4 2	22 30	1 37	11 57	0 40	11 51	1 36	7 15	0 39	3 31
S 16	19 8	14 6	4 39	24 20	2 5	27 7	4 1	22 23	1 36	11 55	0 40	11 51	1 36	7 16	0 39	3 31
S 17	19 21	10 56	3 59	24 38	2 10	27 3	3 59	22 16	1 36	11 53	0 40	11 50	1 36	7 18	0 39	3 32
M18	19 34	7 17	3 8	24 53	2 15	26 59	3 58	22 9	1 35	11 51	0 40	11 49	1 36	7 19	0 39	3 33
T 19	19 47	3 24	2 8	25 6	2 19	26 55	3 56	22 1	1 35	11 49	0 41	11 49	1 36	7 20	0 39	3 33
W20	20 0	0n33	1 3	25 17	2 22	26 50	3 54	21 54	1 35	11 47	0 41	11 48	1 36	7 21	0 39	3 34
T 21	20 12	4 25	0s 3	25 26	2 24	26 45	3 52	21 46	1 34	11 45	0 41	11 47	1 36	7 22	0 39	3 34
F 22	20 24	8 1	1 8	25 32	2 25	26 40	3 49	21 38	1 34	11 44	0 41	11 47	1 35	7 23	0 39	3 35
S 23	20 35	11 16	2 9	25 37	2 25	26 34	3 46	21 31	1 33	11 42	0 41	11 46	1 35	7 24	0 39	3 36
S 24	20 47	14 1	3 4	25 39	2 24	26 28	3 43	21 22	1 33	11 41	0 42	11 45	1 35	7 25	0 39	3 36
M25	20 57	16 10	3 50	25 40	2 22	26 22	3 39	21 14	1 32	11 39	0 42	11 44	1 35	7 26	0 39	3 37
T 26	21 8	17 37	4 26	25 39	2 20	26 16	3 36	21 6	1 32	11 38	0 42	11 43	1 35	7 27	0 39	3 37
W27	21 18	18 19	4 51	25 36	2 16	26 9	3 31	20 57	1 31	11 36	0 42	11 42	1 35	7 28	0 39	3 38
T 28	21 27	18 13	5 3	25 32	2 12	26 2	3 27	20 49	1 31	11 35	0 43	11 41	1 35	7 29	0 39	3 38
F 29	21 37	17 18	5 2	25 27	2 6	25 55	3 22	20 40	1 30	11 34	0 43	11 40	1 35	7 30	0 39	3 39
S 30	21 46	15 37	4 48	25 20	2 0	25 48	3 17	20 31	1 30	11 32	0 43	11 39	1 35	7 31	0 39	3 39
S 31	21n54	13n13	4s20	25n12	1n52	25n40	3n11	20n22	1n30	11s31	0s43	11n38	1n35	7n31	0s39	3n40

Julian Day Number = 2701856.5, Delta T = 26m08s

Ecliptic obliquity = 23°20'52, Nutation = 0°00'02

Ayanamsha: Fagan/Bradley = 34°19'39, Lahiri = 33°26'39

# ASTRODIENST EPHEMERIS for the year 2685

JUNE 2685

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 39 40	11II13'48	23Ω27	2♂34	15♂16	5Ω40	1♂43	3♂36	20Υ56	12Υ24	12Ω21	9°R29	8♂34	11II49	22°R 0	M 1
T 2	16 43 36	12°11'33	6♂7	3°12	15°29	6°16	1°47	3°39	20°58	12°25	12°22	9♂27	8°31	11°55	21♂58	T 2
W 3	16 47 33	13° 9'16	19° 7	3°45	15°39	6°51	1°50	3°42	21° 1	12°27	12°23	9°D27	8°27	12° 2	21°56	W 3
T 4	16 51 29	14° 6'58	2♂31	4°13	15°48	7°27	1°53	3°45	21° 3	12°28	12°24	9°R28	8°24	12° 9	21°54	T 4
F 5	16 55 26	15° 4'39	16°21	4°37	15°54	8° 2	1°56	3°48	21° 6	12°29	12°25	9°28	8°21	12°15	21°53	F 5
S 6	16 59 23	16° 2'17	0♂39	4°56	15°58	8°38	1°59	3°52	21° 8	12°31	12°26	9°26	8°18	12°22	21°51	S 6
S 7	17 3 19	16°59'55	15°23	5°10	15°R59	9°13	2° 1	3°55	21°10	12°32	12°27	9°22	8°15	12°29	21°50	S 7
M 8	17 7 16	17°57'31	0♂28	5°19	15°58	9°49	2° 4	3°58	21°12	12°33	12°28	9°16	8°12	12°36	21°49	M 8
T 9	17 11 12	18°55'06	15°45	5°24	15°55	10°25	2° 6	4° 2	21°15	12°34	12°29	9° 7	8° 8	12°42	21°48	T 9
W10	17 15 9	19°52'40	1♂ 4	5°R24	15°50	11° 0	2° 8	4° 6	21°17	12°35	12°30	8°57	8° 5	12°49	21°47	W10
T 11	17 19 5	20°50'13	16°13	5°20	15°42	11°36	2°10	4° 9	21°19	12°36	12°31	8°48	8° 2	12°56	21°46	T 11
F 12	17 23 2	21°47'44	1♂ 2	5°11	15°31	12°12	2°11	4°13	21°21	12°38	12°32	8°39	7°59	13° 2	21°45	F 12
S 13	17 26 58	22°45'15	15°25	4°58	15°18	12°48	2°13	4°17	21°23	12°39	12°34	8°32	7°56	13° 9	21°44	S 13
S 14	17 30 55	23°42'45	29°18	4°41	15° 3	13°23	2°14	4°21	21°25	12°40	12°35	8°28	7°53	13°16	21°44	S 14
M15	17 34 52	24°40'15	12♂42	4°21	14°45	13°59	2°15	4°25	21°27	12°41	12°36	8°26	7°49	13°23	21°43	M15
T 16	17 38 48	25°37'43	25°39	3°57	14°26	14°35	2°16	4°30	21°29	12°42	12°37	8°D25	7°46	13°29	21°43	T 16
W17	17 42 45	26°35'11	8°Υ13	3°31	14° 3	15°11	2°17	4°34	21°31	12°43	12°38	8°R25	7°43	13°36	21°43	W17
T 18	17 46 41	27°32'39	20°30	3° 1	13°39	15°47	2°17	4°38	21°33	12°43	12°40	8°25	7°40	13°43	21°42	T 18
F 19	17 50 38	28°30'06	2♂34	2°30	13°13	16°23	2°18	4°43	21°34	12°44	12°41	8°23	7°37	13°49	21°D42	F 19
S 20	17 54 34	29°27'32	14°29	1°58	12°45	16°59	2°R18	4°47	21°36	12°45	12°42	8°18	7°33	13°56	21°42	S 20
S 21	17 58 31	0♂24'57	26°20	1°25	12°15	17°35	2°18	4°52	21°38	12°46	12°43	8°11	7°30	14° 3	21°43	S 21
M22	18 2 27	1°22'22	8II10	0°51	11°43	18°11	2°18	4°56	21°39	12°47	12°45	8° 1	7°27	14°10	21°43	M22
T 23	18 6 24	2°19'47	20° 1	0°18	11°10	18°47	2°17	5° 1	21°41	12°48	12°46	7°49	7°24	14°16	21°43	T 23
W24	18 10 21	3°17'10	1♂55	29II45	10°35	19°23	2°16	5° 6	21°43	12°48	12°48	7°35	7°21	14°23	21°44	W24
T 25	18 14 17	4°14'33	13°54	29°14	10° 0	19°59	2°16	5°11	21°44	12°49	12°49	7°21	7°18	14°30	21°44	T 25
F 26	18 18 14	5°11'55	25°58	28°45	9°23	20°35	2°15	5°16	21°46	12°50	12°50	7° 8	7°14	14°36	21°45	F 26
S 27	18 22 10	6° 9'17	8Ω 9	28°18	8°46	21°11	2°13	5°21	21°47	12°50	12°52	6°57	7°11	14°43	21°46	S 27
S 28	18 26 7	7° 6'37	20°29	27°54	8° 9	21°47	2°12	5°26	21°49	12°51	12°53	6°49	7° 8	14°50	21°47	S 28
M29	18 30 3	8° 3'57	3♂ 0	27°33	7°52	22°24	2°10	5°31	21°50	12°51	12°55	6°43	7° 5	14°57	21°48	M29
T 30	18 34 0	9♂ 1'16	15♂44	27II16	6♂54	23Ω 0	2♂ 9	5♂36	21°Υ51	12°Υ52	12Ω56	6♂40	7♂ 2	15II 3	21♂49	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	22n 2	10n11	3s40	25n 3	1n44	25n32	3n 5	20n13	1n29	11s30	0s44	11n37	1n34	7n32	0s39	3n40
T 2	22 10	6 38	2 48	24 53	1 35	25 25	2 59	20 4	1 29	11 29	0 44	11 36	1 34	7 33	0 39	3 41
W 3	22 17	2 39	1 46	24 42	1 24	25 17	2 52	19 55	1 28	11 28	0 44	11 35	1 34	7 34	0 39	3 41
T 4	22 24	1s34	0 37	24 30	1 13	25 8	2 44	19 45	1 28	11 27	0 44	11 33	1 34	7 35	0 39	3 42
F 5	22 31	5 51	0n37	24 17	1 1	25 0	2 37	19 36	1 27	11 26	0 45	11 32	1 34	7 36	0 39	3 42
S 6	22 37	9 56	1 50	24 4	0 48	24 51	2 29	19 26	1 27	11 26	0 45	11 31	1 34	7 37	0 39	3 43
S 7	22 43	13 32	2 59	23 49	0 35	24 43	2 20	19 16	1 26	11 25	0 45	11 30	1 34	7 38	0 39	3 43
M 8	22 48	16 19	3 56	23 35	0 20	24 34	2 11	19 6	1 26	11 24	0 45	11 28	1 34	7 38	0 39	3 44
T 9	22 53	17 59	4 38	23 19	0 5	24 25	2 2	18 56	1 25	11 24	0 46	11 27	1 34	7 39	0 39	3 44
W10	22 58	18 21	4 59	23 3	0s11	24 16	1 52	18 46	1 25	11 23	0 46	11 25	1 34	7 40	0 39	3 44
T 11	23 2	17 25	5 0	22 47	0 27	24 6	1 41	18 36	1 25	11 23	0 46	11 24	1 34	7 41	0 39	3 45
F 12	23 6	15 18	4 40	22 31	0 44	23 57	1 31	18 25	1 24	11 23	0 46	11 23	1 33	7 41	0 39	3 45
S 13	23 9	12 17	4 2	22 14	1 1	23 47	1 19	18 15	1 24	11 22	0 47	11 21	1 33	7 42	0 39	3 46
S 14	23 12	8 41	3 12	21 57	1 18	23 37	1 8	18 4	1 23	11 22	0 47	11 19	1 33	7 43	0 39	3 46
M15	23 14	4 44	2 12	21 41	1 36	23 27	0 56	17 53	1 23	11 22	0 47	11 18	1 33	7 44	0 39	3 46
T 16	23 17	0 42	1 7	21 24	1 53	23 17	0 43	17 42	1 22	11 22	0 47	11 16	1 33	7 44	0 39	3 47
W17	23 18	3n16	0 1	21 8	2 10	23 7	0 30	17 31	1 22	11 22	0 48	11 15	1 33	7 45	0 39	3 47
T 18	23 19	7 0	1s 4	20 52	2 27	22 56	0 17	17 20	1 21	11 22	0 48	11 13	1 33	7 46	0 39	3 47
F 19	23 20	10 22	2 4	20 36	2 44	22 46	0 4	17 9	1 21	11 22	0 48	11 11	1 33	7 46	0 39	3 48
S 20	23 21	13 17	2 58	20 21	2 59	22 35	0s10	16 58	1 20	11 22	0 48	11 10	1 33	7 47	0 39	3 48
S 21	23 21	15 37	3 45	20 6	3 14	22 24	0 24	16 46	1 20	11 22	0 49	11 8	1 33	7 48	0 39	3 48
M22	23 20	17 18	4 21	19 53	3 28	22 12	0 38	16 35	1 19	11 23	0 49	11 6	1 33	7 48	0 39	3 48
T 23	23 20	18 14	4 46	19 40	3 41	22 1	0 52	16 23	1 19	11 23	0 49	11 4	1 33	7 49	0 39	3 49
W24	23 18	18 22	4 58	19 29	3 52	21 50	1 6	16 12	1 19	11 24	0 49	11 2	1 33	7 49	0 39	3 49
T 25	23 17	17 41	4 58	19 18	4 2	21 38	1 20	16 0	1 18	11 24	0 50	11 1	1 32	7 50	0 39	3 49
F 26	23 15	16 13	4 44	19 9	4 11	21 27	1 35	15 48	1 18	11 25	0 50	10 59	1 32	7 50	0 39	3 49
S 27	23 12	14 1	4 17	19 1	4 19	21 15	1 49	15 36	1 17	11 25	0 50	10 57	1 32	7 51	0 39	3 49
S 28	23 9	11 9	3 38	18 55	4 25	21 3	2 3	15 24	1 17	11 26	0 50	10 55	1 32	7 51	0 39	3 50
M29	23 6	7 45	2 48	18 50	4 30	20 52	2 16	15 12	1 16	11 27	0 51	10 53	1 32	7 52	0 40	3 50
T 30	23n 3	3n56	1s48	18n46	4s33	20n40	2s30	14n59	1n16	11s28	0s51	10n51	1n32	7n52	0s40	3n50

Julian Day Number = 2701887.5, Delta T = 26m09s  
 Ecliptic obliquity = 23°20'51, Nutation = 0°00'02  
 Ayanamsha: Fagan/Bradley = 34°19'44, Lahiri = 33°26'44

# ASTRODIENST EPHEMERIS for the year 2685

JULY 2685

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	18 37 56	9♂58'35	28♂45	27°R 3	6°R17	23♂36	2°R 7	5♂42	21°Y53	12°Y52	12♂57	6°R39	6♂59	15♂10	21♂51	W 1
T 2	18 41 53	10°55'52	12♂5	26♂54	5♂40	24°13	2♂4	5°47	21°54	12°53	12°59	6♂39	6°55	15°17	21°52	T 2
F 3	18 45 50	11°53'09	25°47	26°50	5°4	24°49	2°2	5°53	21°55	12°53	13°0	6°39	6°52	15°23	21°54	F 3
S 4	18 49 46	12°50'25	9♂54	26°D50	4°29	25°25	1°59	5°58	21°56	12°54	13°2	6°37	6°49	15°30	21°55	S 4
S 5	18 53 43	13°47'41	24°24	26°54	3°56	26°2	1°57	6°4	21°57	12°54	13°3	6°33	6°46	15°37	21°57	S 5
M 6	18 57 39	14°44'56	9♂15	27°4	3°23	26°38	1°54	6°9	21°58	12°54	13°5	6°26	6°43	15°44	21°59	M 6
T 7	19 1 36	15°42'10	24°20	27°18	2°53	27°14	1°51	6°15	21°59	12°55	13°6	6°17	6°39	15°50	22°1	T 7
W 8	19 5 32	16°39'24	9♂29	27°37	2°24	27°51	1°48	6°21	22°0	12°55	13°8	6°7	6°36	15°57	22°3	W 8
T 9	19 9 29	17°36'38	24°34	28°0	1°57	28°27	1°44	6°27	22°1	12°55	13°10	5°56	6°33	16°4	22°5	T 9
F 10	19 13 25	18°33'51	9♂22	28°29	1°32	29°4	1°40	6°33	22°2	12°55	13°11	5°47	6°30	16°10	22°7	F 10
S 11	19 17 22	19°31'04	23°48	29°2	1°9	29°40	1°37	6°39	22°3	12°56	13°13	5°39	6°27	16°17	22°10	S 11
S 12	19 21 19	20°28'18	7♂45	29°40	0°48	0♂17	1°33	6°45	22°3	12°56	13°14	5°34	6°24	16°24	22°12	S 12
M13	19 25 15	21°25'31	21°14	0♂23	0°30	0°54	1°29	6°51	22°4	12°56	13°16	5°32	6°20	16°31	22°15	M13
T 14	19 29 12	22°22'44	4°Y15	1°10	0°14	1°30	1°24	6°57	22°5	12°56	13°17	5°D31	6°17	16°37	22°18	T 14
W15	19 33 8	23°19'58	16°52	2°1	0°0	2°7	1°20	7°3	22°5	12°56	13°19	5°31	6°14	16°44	22°20	W15
T 16	19 37 5	24°17'12	29°10	2°58	29♂49	2°44	1°15	7°9	22°6	12°R56	13°21	5°R31	6°11	16°51	22°23	T 16
F 17	19 41 1	25°14'26	11♂15	3°58	29°40	3°20	1°10	7°16	22°7	12°56	13°22	5°30	6°8	16°57	22°26	F 17
S 18	19 44 58	26°11'41	23°10	5°3	29°34	3°57	1°5	7°22	22°7	12°56	13°24	5°27	6°5	17°4	22°30	S 18
S 19	19 48 54	27°8'56	5♂1	6°12	29°30	4°34	1°0	7°28	22°7	12°56	13°26	5°21	6°1	17°11	22°33	S 19
M20	19 52 51	28°6'11	16°51	7°26	29°D28	5°10	0°55	7°35	22°8	12°56	13°27	5°13	5°58	17°18	22°36	M20
T 21	19 56 48	29°3'26	28°45	8°43	29°29	5°47	0°50	7°41	22°8	12°55	13°29	5°3	5°55	17°24	22°40	T 21
W22	20 0 44	0♂0'42	10♂44	10°5	29°32	6°24	0°44	7°48	22°8	12°55	13°31	4°51	5°52	17°31	22°43	W22
T 23	20 4 41	0°57'58	22°51	11°31	29°37	7°1	0°38	7°54	22°9	12°55	13°32	4°39	5°49	17°38	22°47	T 23
F 24	20 8 37	1°55'14	5♂5	13°1	29°44	7°38	0°32	8°1	22°9	12°55	13°34	4°28	5°45	17°44	22°51	F 24
S 25	20 12 34	2°52'30	17°30	14°35	29°54	8°15	0°26	8°8	22°9	12°54	13°36	4°19	5°42	17°51	22°54	S 25
S 26	20 16 30	3°49'47	0♂4	16°12	0♂5	8°52	0°20	8°15	22°9	12°54	13°37	4°12	5°39	17°58	22°58	S 26
M27	20 20 27	4°47'04	12°49	17°53	0°19	9°29	0°14	8°21	22°R 9	12°54	13°39	4°8	5°36	18°5	23°2	M27
T 28	20 24 23	5°44'20	25°46	19°38	0°35	10°6	0°8	8°28	22°9	12°53	13°41	4°5	5°33	18°11	23°7	T 28
W29	20 28 20	6°41'37	8♂56	21°26	0°52	10°43	0°1	8°35	22°9	12°53	13°42	4°D 5	5°30	18°18	23°11	W29
T 30	20 32 17	7°38'55	22°22	23°17	1°11	11°20	29♂55	8°42	22°9	12°53	13°44	4°6	5°26	18°25	23°15	T 30
F 31	20 36 13	8♂36'12	6♂4	25♂11	1♂32	11♂57	29♂48	8♂49	22°Y 9	12°Y52	13♂46	4°R 7	5♂23	18♂31	23♂19	F 31

Day	☉	☾		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	22n58	0s 8	0s42	18n44	4s35	20n29	2s43	14n47	1n15	11s29	0s51	10n49	1n32	7n53	0s40	3n50	1s20	20n55	4n14	2s38	2s46	17n46	8s43	0s15			
T 2	22 54	4 19	0n29	18 43	4 35	20 18	2 56	14 35	1 15	11 30	0 51	10 47	1 32	7 53	0 40	3 50	1 20	20 54	4 14	2 38	2 44	17 47	8 43	0 15			
F 3	22 49	8 23	1 39	18 44	4 35	20 7	3 8	14 22	1 14	11 31	0 52	10 45	1 32	7 54	0 40	3 50	1 20	20 54	4 14	2 38	2 43	17 47	8 43	0 14			
S 4	22 44	12 6	2 46	18 46	4 33	19 56	3 20	14 9	1 14	11 32	0 52	10 43	1 32	7 54	0 40	3 50	1 20	20 53	4 14	2 37	2 42	17 48	8 43	0 14			
S 5	22 38	15 11	3 44	18 49	4 29	19 46	3 32	13 57	1 13	11 33	0 52	10 41	1 32	7 54	0 40	3 51	1 20	20 53	4 14	2 35	2 41	17 48	8 44	0 14			
M 6	22 32	17 20	4 28	18 54	4 25	19 36	3 43	13 44	1 13	11 34	0 52	10 38	1 32	7 55	0 40	3 51	1 20	20 53	4 14	2 33	2 39	17 48	8 44	0 13			
T 7	22 26	18 19	4 54	19 0	4 20	19 26	3 53	13 31	1 12	11 36	0 53	10 36	1 32	7 55	0 40	3 51	1 20	20 52	4 14	2 29	2 38	17 49	8 44	0 13			
W 8	22 19	18 1	5 0	19 6	4 13	19 17	4 3	13 18	1 12	11 37	0 53	10 34	1 32	7 55	0 40	3 51	1 20	20 52	4 14	2 25	2 37	17 49	8 45	0 12			
T 9	22 12	16 27	4 45	19 14	4 6	19 8	4 12	13 5	1 12	11 39	0 53	10 32	1 32	7 56	0 40	3 51	1 20	20 51	4 14	2 21	2 36	17 49	8 45	0 12			
F 10	22 4	13 48	4 11	19 23	3 58	19 0	4 21	12 52	1 11	11 40	0 53	10 30	1 32	7 56	0 40	3 51	1 21	20 51	4 14	2 17	2 34	17 50	8 46	0 12			
S 11	21 56	10 22	3 22	19 32	3 49	18 52	4 29	12 39	1 11	11 42	0 54	10 27	1 31	7 56	0 40	3 51	1 21	20 50	4 14	2 14	2 33	17 50	8 46	0 11			
S 12	21 48	6 26	2 22	19 42	3 39	18 44	4 36	12 25	1 10	11 43	0 54	10 25	1 31	7 57	0 40	3 51	1 21	20 50	4 14	2 12	2 32	17 51	8 47	0 11			
M13	21 39	2 19	1 15	19 52	3 29	18 38	4 43	12 12	1 10	11 45	0 54	10 23	1 31	7 57	0 40	3 51	1 21	20 50	4 14	2 11	2 30	17 51	8 48	0 11			
T 14	21 30	1n47	0 7	20 3	3 18	18 31	4 49	11 59	1 9	11 47	0 54	10 21	1 31	7 57	0 40	3 51	1 21	20 49	4 14	2 11	2 29	17 51	8 48	0 10			
W15	21 20	5 41	1s 0	20 14	3 6	18 26	4 55	11 45	1 9	11 49	0 55	10 18	1 31	7 57	0 40	3 51	1 21	20 49	4 14	2 11	2 28	17 52	8 49	0 10			
T 16	21 11	9 14	2 2	20 24	2 55	18 20	5 0	11 32	1 8	11 50	0 55	10 16	1 31	7 57	0 40	3 51	1 21	20 48	4 14	2 11	2 27	17 52	8 50	0 10			
F 17	21 0	12 20	2 58	20 35	2 42	18 16	5 5	11 18	1 8	11 52	0 55	10 13	1 31	7 58	0 40	3 51	1 21	20 48	4 14	2 11	2 25	17 52	8 51	0 9			
S 18	20 50	14 52	3 45	20 46	2 30	18 12	5 9	11 4	1 7	11 54	0 55	10 11	1 31	7 58	0 40	3 51	1 21	20 47	4 14	2 9	2 24	17 53	8 52	0 9			
S 19	20 39	16 46	4 22	20 56	2 17	18 8	5 13	10 50	1 7	11 56	0 55	10 9	1 31	7 58	0 40	3 51	1 21	20 47	4 14	2 7	2 23	17 53	8 52	0 9			
M20	20 28	17 56	4 47	21 5	2 4	18 5	5 16	10 36	1 6	11 58	0 56	10 6	1 31	7 58	0 40	3 50	1 21	20 46	4 14	2 4	2 22	17 53	8 53	0 8			
T 21	20 16	18 20	5 1	21 14	1 50	18 2	5 19	10 23	1 6	12 1	0 56	10 4	1 31	7 58	0 40	3 50	1 21	20 46	4 14	2 0	2 20	17 54	8 54	0 8			
W22	20 4	17 55	5 1	21 21	1 37	18 0	5 21	10 9	1 5	12 3	0 56	10 1	1 31	7 58	0 40	3 50	1 21	20 46	4 14	1 55	2 19	17 54	8 55	0 8			
T 23	19 52	16 41	4 48	21 28	1 24	17 58	5 22	9 54	1 5	12 5	0 56	9 59	1 31	7 58	0 40	3 50	1 21	20 45	4 14	1 51	2 18	17 54	8 56	0 7			
F 24	19 39	14 42	4 21	21 33	1 10	17 57	5 24	9 40	1 4	12 7	0 57	9 56	1 31	7 58	0 40	3 50	1 21	20 45	4 14	1 46	2 17	17 55	8 57	0 7			
S 25	19 26	12 0	3 42	21 37	0 57	17 56	5 25	9 26	1 4	12 10	0 57	9 54	1 31	7 58	0 40	3 50	1 21	20 44	4 14	1 43	2 15	17 55	8 58	0 7			
S 26	19 13	8 44	2 51	21 39	0 43	17 56	5 25	9 12	1 4	12 12	0 57	9 51	1 31	7 58	0 40	3 50	1 21	20 44	4 14	1 40	2 14	17 55	9 0	0 6			
M27	19 0	5 1	1 51	21 39	0 30	17 55	5 25	8 58	1 3	12 14	0 57	9 49	1 31	7 58	0 40	3 49	1 21	20 43	4 14	1 38	2 13	17 56	9 1	0 6			
T 28	18 46	1 0	0 44	21 38	0 18	17 55	5 25	8 43	1 3	12 17	0 57	9 46	1 31	7 58	0 40	3 49	1 21	20 43	4 14	1 37	2 12	17 56	9 2	0 5			
W29	18 32	3s 8	0n26	21 34	0 5	17 56	5 25	8 29	1 2	12 19	0 58	9 44	1 31	7 58	0 40	3 49	1 22	20 42	4 14	1 37	2 10	17 56	9 3	0 5			
T 30	18 17	7 11	1 36	21 37	0n 7	17 56	5 24	8 14	1 2	12 22	0 58	9 41	1 31	7 58	0 40	3 49	1 22	20 42	4 14	1 37	2 9	17 56	9 5	0 5			
F 31	18n 3	10s56	2n43	21n19	0n18	17n57	5s23	8n 0	1n 1	12s24	0s58	9n38	1n31	7n58	0s40	3n49	1s22	20n42	4n15	1s38	2s 8	17n57	9s 6	0s 4			

## ASTRODIENST EPHEMERIS for the year 2685

AUGUST 2685

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 40 10	9♌33'29	20♍ 4	27♎ 8	1♏55	12♐34	29°R41	8♑56	22°R 8	12°R52	13♒47	4°R 6	5♓20	18♊38	23♋24	S 1
S 2	20 44 6	10°30'47	4♊21	29° 6	2°20	13°11	29♋34	9° 3	22°V 8	12°V51	13°49	4♌ 4	5°17	18°45	23°29	S 2
M 3	20 48 3	11°28'05	18°54	1♌ 7	2°46	13°49	29°27	9°10	22° 8	12°50	13°51	4° 0	5°14	18°52	23°33	M 3
T 4	20 51 59	12°25'23	3♈37	3°10	3°13	14°26	29°20	9°17	22° 8	12°50	13°52	3°53	5°11	18°58	23°38	T 4
W 5	20 55 56	13°22'42	18°25	5°14	3°43	15° 3	29°13	9°24	22° 7	12°49	13°54	3°46	5° 7	19° 5	23°43	W 5
T 6	20 59 52	14°20'01	3♋10	7°20	4°13	15°40	29° 6	9°31	22° 7	12°49	13°56	3°39	5° 4	19°12	23°48	T 6
F 7	21 3 49	15°17'21	17°43	9°26	4°45	16°18	28°58	9°38	22° 6	12°48	13°58	3°32	5° 1	19°18	23°53	F 7
S 8	21 7 46	16°14'41	1♋58	11°32	5°19	16°55	28°51	9°46	22° 6	12°47	13°59	3°27	4°58	19°25	23°58	S 8
S 9	21 11 42	17°12'02	15°51	13°39	5°53	17°32	28°44	9°53	22° 5	12°46	14° 1	3°23	4°55	19°32	24° 3	S 9
M10	21 15 39	18° 9'24	29°18	15°45	6°29	18°10	28°36	10° 0	22° 4	12°46	14° 3	3°D22	4°51	19°39	24° 9	M10
T 11	21 19 35	19° 6'47	12°V20	17°51	7° 6	18°47	28°28	10° 7	22° 4	12°45	14° 4	3°22	4°48	19°45	24°14	T 11
W12	21 23 32	20° 4'11	25° 0	19°56	7°45	19°24	28°21	10°15	22° 3	12°44	14° 6	3°23	4°45	19°52	24°19	W12
T 13	21 27 28	21° 1'36	7♊21	22° 1	8°24	20° 2	28°13	10°22	22° 2	12°43	14° 8	3°25	4°42	19°59	24°25	T 13
F 14	21 31 25	21°59'02	19°28	24° 5	9° 4	20°39	28° 5	10°29	22° 1	12°42	14° 9	3°R25	4°39	20° 5	24°31	F 14
S 15	21 35 21	22°56'29	1♐25	26° 7	9°46	21°17	27°58	10°37	22° 1	12°41	14°11	3°25	4°36	20°12	24°36	S 15
S 16	21 39 18	23°53'58	13°17	28° 9	10°29	21°54	27°50	10°44	22° 0	12°40	14°13	3°23	4°32	20°19	24°42	S 16
M17	21 43 15	24°51'28	25°10	0♐ 9	11°12	22°32	27°42	10°52	21°59	12°40	14°15	3°20	4°29	20°26	24°48	M17
T 18	21 47 11	25°48'59	7♎ 7	2° 8	11°57	23°10	27°34	10°59	21°58	12°39	14°16	3°14	4°26	20°32	24°54	T 18
W19	21 51 8	26°46'31	19°11	4° 5	12°42	23°47	27°26	11° 7	21°57	12°38	14°18	3° 9	4°23	20°39	25° 0	W19
T 20	21 55 4	27°44'04	1♌25	6° 1	13°28	24°25	27°19	11°14	21°56	12°36	14°20	3° 2	4°20	20°46	25° 6	T 20
F 21	21 59 1	28°41'38	13°51	7°55	14°15	25° 3	27°11	11°22	21°54	12°35	14°21	2°56	4°16	20°52	25°12	F 21
S 22	22 2 57	29°39'14	26°31	9°48	15° 3	25°41	27° 3	11°29	21°53	12°34	14°23	2°51	4°13	20°59	25°18	S 22
S 23	22 6 54	0♐36'50	9♐23	11°40	15°51	26°18	26°55	11°37	21°52	12°33	14°25	2°48	4°10	21° 6	25°25	S 23
M24	22 10 50	1°34'28	22°29	13°30	16°41	26°56	26°47	11°44	21°51	12°32	14°26	2°46	4° 7	21°13	25°31	M24
T 25	22 14 47	2°32'07	5♌47	15°18	17°31	27°34	26°39	11°52	21°50	12°31	14°28	2°D46	4° 4	21°19	25°38	T 25
W26	22 18 44	3°29'47	19°17	17° 5	18°21	28°12	26°32	11°59	21°48	12°30	14°29	2°46	4° 1	21°26	25°44	W26
T 27	22 22 40	4°27'27	2♍59	18°51	19°13	28°50	26°24	12° 7	21°47	12°29	14°31	2°48	3°57	21°33	25°51	T 27
F 28	22 26 37	5°25'09	16°51	20°35	20° 5	29°28	26°16	12°15	21°45	12°27	14°33	2°49	3°54	21°40	25°57	F 28
S 29	22 30 33	6°22'52	0♊54	22°17	20°57	0♌ 6	26° 9	12°22	21°44	12°26	14°34	2°R50	3°51	21°46	26° 4	S 29
S 30	22 34 30	7°20'36	15° 5	23°58	21°50	0°44	26° 1	12°30	21°42	12°25	14°36	2°50	3°48	21°53	26°11	S 30
M31	22 38 26	8♐18'21	29♊24	25♐38	22♎44	1♑22	25°54	12♐37	21°V41	12°V23	14♌37	2♌49	3♌45	22♐ 0	26♌18	M31

Day	☉	☽		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	17n47	14s 8	3n41	21n 8	0n29	17n58	5s22	7n45	1n 1	12s27	0s58	9n36	1n31	7n58	0s40	3n48	1s22	20n41	4n15	1s37	2s 7	17n57	9s 7	0s 4	
S 2	17 32	16 34	4 27	20 54	0 40	18 0	5 20	7 31	1 0	12 29	0 58	9 33	1 31	7 58	0 40	3 48	1 22	20 41	4 15	1 37	2 5	17 57	9 9	0 4	
M 3	17 17	17 58	4 56	20 38	0 49	18 1	5 18	7 16	1 0	12 32	0 59	9 30	1 31	7 58	0 40	3 48	1 22	20 40	4 15	1 35	2 4	17 58	9 10	0 3	
T 4	17 1	18 11	5 7	20 19	0 58	18 2	5 16	7 1	0 59	12 35	0 59	9 28	1 31	7 57	0 41	3 48	1 22	20 40	4 15	1 32	2 3	17 58	9 11	0 3	
W 5	16 44	17 11	4 57	19 58	1 7	18 4	5 14	6 46	0 59	12 37	0 59	9 25	1 31	7 57	0 41	3 47	1 22	20 39	4 15	1 30	2 2	17 58	9 13	0 3	
T 6	16 28	15 2	4 27	19 34	1 14	18 6	5 11	6 31	0 58	12 40	0 59	9 22	1 31	7 57	0 41	3 47	1 22	20 39	4 15	1 27	2 0	17 59	9 14	0 3	
F 7	16 11	11 57	3 41	19 7	1 21	18 7	5 9	6 17	0 58	12 43	0 59	9 20	1 31	7 57	0 41	3 47	1 22	20 39	4 15	1 24	1 59	17 59	9 16	0 2	
S 8	15 54	8 13	2 41	18 39	1 27	18 9	5 6	6 2	0 57	12 45	0 59	9 17	1 31	7 57	0 41	3 46	1 22	20 38	4 15	1 22	1 58	17 59	9 18	0 2	
S 9	15 37	4 8	1 33	18 8	1 32	18 11	5 3	5 47	0 57	12 48	1 0	9 14	1 31	7 56	0 41	3 46	1 22	20 38	4 15	1 20	1 57	17 59	9 19	0 2	
M10	15 20	0n 3	0 22	17 35	1 36	18 12	4 59	5 32	0 56	12 51	1 0	9 12	1 31	7 56	0 41	3 46	1 22	20 37	4 15	1 20	1 55	18 0	9 21	0 1	
T 11	15 2	4 7	0s48	17 0	1 39	18 14	4 56	5 17	0 56	12 54	1 0	9 9	1 31	7 56	0 41	3 45	1 22	20 37	4 15	1 20	1 54	18 0	9 23	0 1	
W12	14 44	7 52	1 55	16 24	1 42	18 15	4 52	5 2	0 55	12 57	1 0	9 6	1 31	7 56	0 41	3 45	1 22	20 36	4 15	1 21	1 53	18 0	9 24	0 1	
T 13	14 26	11 10	2 54	15 45	1 44	18 17	4 49	4 47	0 55	12 59	1 0	9 3	1 31	7 55	0 41	3 45	1 22	20 36	4 15	1 21	1 52	18 0	9 26	0 0	
F 14	14 8	13 56	3 44	15 6	1 45	18 18	4 45	4 31	0 54	13 2	1 0	9 1	1 31	7 55	0 41	3 44	1 22	20 36	4 16	1 21	1 50	18 1	9 28	0n 0	
S 15	13 49	16 4	4 23	14 25	1 46	18 19	4 41	4 16	0 54	13 5	1 0	8 58	1 31	7 55	0 41	3 44	1 22	20 35	4 16	1 21	1 49	18 1	9 30	0 0	
S 16	13 30	17 29	4 52	13 43	1 45	18 20	4 37	4 1	0 53	13 8	1 1	8 55	1 31	7 54	0 41	3 43	1 22	20 35	4 16	1 20	1 48	18 1	9 31	0 1	
M17	13 11	18 9	5 7	13 0	1 44	18 21	4 33	3 46	0 53	13 11	1 1	8 52	1 31	7 54	0 41	3 43	1 22	20 34	4 16	1 19	1 47	18 1	9 33	0 1	
T 18	12 52	18 0	5 10	12 17	1 43	18 21	4 28	3 30	0 52	13 13	1 1	8 49	1 31	7 53	0 41	3 43	1 22	20 34	4 16	1 17	1 45	18 2	9 35	0 1	
W19	12 32	17 3	4 58	11 32	1 41	18 22	4 24	3 15	0 52	13 16	1 1	8 47	1 31	7 53	0 41	3 42	1 22	20 33	4 16	1 15	1 44	18 2	9 37	0 2	
T 20	12 13	15 19	4 33	10 47	1 38	18 22	4 20	3 0	0 51	13 19	1 1	8 44	1 31	7 53	0 41	3 42	1 23	20 33	4 16	1 12	1 43	18 2	9 39	0 2	
F 21	11 53	12 51	3 55	10 2	1 35	18 22	4 15	2 44	0 51	13 22	1 1	8 41	1 31	7 52	0 41	3 41	1 23	20 33	4 16	1 10	1 42	18 2	9 41	0 2	
S 22	11 33	9 44	3 5	9 16	1 31	18 21	4 10	2 29	0 50	13 24	1 1	8 38	1 31	7 52	0 41	3 41	1 23	20 32	4 16	1 8	1 40	18 3	9 43	0 3	
S 23	11 13	6 6	2 4	8 30	1 27	18 21	4 6	2 14	0 50	13 27	1 1	8 35	1 31	7 51	0 41	3 40	1 23	20 32	4 16	1 6	1 39	18 3	9 45	0 3	
M24	10 52	2 7	0 56	7 44	1 22	18 20	4 1	1 58	0 49	13 30	1 1	8 32	1 31	7 51	0 41	3 40	1 23	20 31	4 16	1 6	1 38	18 3	9 47	0 3	
T 25	10 32	2s 2	0n17	6 57	1 17	18 18	3 56	1 43	0 49	13 33	1 1	8 30	1 31	7 50	0 41	3 39	1 23	20 31	4 17	1 6	1 37	18 3	9 49	0 3	
W26	10 11	6 8	1 29	6 11	1 12	18 17	3 51	1 27	0 48	13 35	1 2	8 27	1 31	7 50	0 41	3 39	1 23	20 31	4 17	1 6	1 35	18 4	9 51	0 4	
T 27	9 50	9 59	2 38	5 25	1 6	18 15	3 46	1 12	0 48	13 38	1 2	8 24	1 31	7 49	0 41	3 38	1 23	20 30	4 17	1 6	1 34	18 4	9 53	0 4	
F 28	9 29	13 19	3 39	4 38	1 0	18 13	3 41	0 56	0 47	13 41	1 2	8 21	1 31	7 49	0 41	3 38	1 23	20 30	4 17	1 7	1 33	18 4	9 55	0 4	
S 29	9 8	15 54	4 27	3 52	0 54	18 10	3 36	0 41	0 47	13 43	1 2	8 18	1 31	7 48	0 41	3 37	1 23	20 30	4 17	1 7	1 32	18 4	9 57	0 5	
S 30	8 47	17 34	4 59	3 6	0 47	18 7	3 31	0 25	0 46	13 46	1 2	8 15	1 31	7 48	0 41	3 37	1 23	20 29	4 17	1 7	1 30	18 4	10 0	0 5	
M31	8n25	18s 7	5n13	2n21	0n40	18n 3	3s26	0n10	0n46	13s49	1s 2	8n12	1n32	7n47	0s41	3n36	1s23	20n29	4n17	1s 7	1s29	18n 5	10s 2	0n 5	

## ASTRODIENST EPHEMERIS for the year 2685

SEPTEMBER 2685

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 42 23	9 <sup>h</sup> 16'06	13 <sup>h</sup> 34'46	27 <sup>h</sup> 16'16	23 <sup>h</sup> 39'39	2 <sup>h</sup> 00'00	25 <sup>h</sup> 04'46	12 <sup>h</sup> 14'45	21 <sup>h</sup> 03'39	12 <sup>h</sup> 02'22	14 <sup>h</sup> 03'39	2 <sup>h</sup> 04'47	3 <sup>h</sup> 04'42	22 <sup>h</sup> 11'06	26 <sup>h</sup> 02'24	T 1
W 2	22 46 19	10 <sup>h</sup> 13'53	28 <sup>h</sup> 00'08	28 <sup>h</sup> 53'53	24 <sup>h</sup> 33'33	2 <sup>h</sup> 38'38	25 <sup>h</sup> 03'39	12 <sup>h</sup> 53'33	21 <sup>h</sup> 03'39	12 <sup>h</sup> 02'22	14 <sup>h</sup> 04'41	2 <sup>h</sup> 04'44	3 <sup>h</sup> 03'38	22 <sup>h</sup> 13'33	26 <sup>h</sup> 03'31	W 2
T 3	22 50 16	11 <sup>h</sup> 11'41	12 <sup>h</sup> 00'25	0 <sup>h</sup> 02'29	25 <sup>h</sup> 29'29	3 <sup>h</sup> 16'16	25 <sup>h</sup> 32'32	13 <sup>h</sup> 00'00	21 <sup>h</sup> 03'36	12 <sup>h</sup> 01'19	14 <sup>h</sup> 04'42	2 <sup>h</sup> 04'41	3 <sup>h</sup> 03'35	22 <sup>h</sup> 20'00	26 <sup>h</sup> 03'38	T 3
F 4	22 54 13	12 <sup>h</sup> 09'31	26 <sup>h</sup> 32'32	2 <sup>h</sup> 03'36	26 <sup>h</sup> 25'25	3 <sup>h</sup> 54'54	25 <sup>h</sup> 24'24	13 <sup>h</sup> 08'08	21 <sup>h</sup> 03'34	12 <sup>h</sup> 01'18	14 <sup>h</sup> 04'44	2 <sup>h</sup> 03'38	3 <sup>h</sup> 03'32	22 <sup>h</sup> 27'27	26 <sup>h</sup> 04'46	F 4
S 5	22 58 09	13 <sup>h</sup> 07'21	10 <sup>h</sup> 02'26	3 <sup>h</sup> 36'36	27 <sup>h</sup> 21'21	4 <sup>h</sup> 32'32	25 <sup>h</sup> 17'17	13 <sup>h</sup> 16'16	21 <sup>h</sup> 03'33	12 <sup>h</sup> 01'17	14 <sup>h</sup> 04'45	2 <sup>h</sup> 03'36	3 <sup>h</sup> 02'29	22 <sup>h</sup> 33'33	26 <sup>h</sup> 05'53	S 5
S 6	23 02 06	14 <sup>h</sup> 05'13	24 <sup>h</sup> 02'02	5 <sup>h</sup> 07'07	28 <sup>h</sup> 18'18	5 <sup>h</sup> 11'11	25 <sup>h</sup> 10'10	13 <sup>h</sup> 23'23	21 <sup>h</sup> 03'31	12 <sup>h</sup> 01'15	14 <sup>h</sup> 04'47	2 <sup>h</sup> 03'35	3 <sup>h</sup> 02'26	22 <sup>h</sup> 40'40	27 <sup>h</sup> 00'00	S 6
M 7	23 06 02	15 <sup>h</sup> 03'07	7 <sup>h</sup> 01'19	6 <sup>h</sup> 37'37	29 <sup>h</sup> 16'16	5 <sup>h</sup> 49'49	25 <sup>h</sup> 03'03	13 <sup>h</sup> 31'31	21 <sup>h</sup> 02'29	12 <sup>h</sup> 01'14	14 <sup>h</sup> 04'48	2 <sup>h</sup> 03'35	3 <sup>h</sup> 02'22	22 <sup>h</sup> 47'47	27 <sup>h</sup> 07'07	M 7
T 8	23 09 59	16 <sup>h</sup> 01'02	20 <sup>h</sup> 16'16	8 <sup>h</sup> 06'06	0 <sup>h</sup> 01'13	6 <sup>h</sup> 27'27	24 <sup>h</sup> 56'56	13 <sup>h</sup> 38'38	21 <sup>h</sup> 02'27	12 <sup>h</sup> 01'12	14 <sup>h</sup> 04'50	2 <sup>h</sup> 03'35	3 <sup>h</sup> 01'19	22 <sup>h</sup> 53'53	27 <sup>h</sup> 14'14	T 8
W 9	23 13 55	16 <sup>h</sup> 58'59	2 <sup>h</sup> 05'54	9 <sup>h</sup> 33'33	1 <sup>h</sup> 12'12	7 <sup>h</sup> 06'06	24 <sup>h</sup> 50'50	13 <sup>h</sup> 46'46	21 <sup>h</sup> 02'26	12 <sup>h</sup> 01'11	14 <sup>h</sup> 04'51	2 <sup>h</sup> 03'37	3 <sup>h</sup> 01'16	23 <sup>h</sup> 00'00	27 <sup>h</sup> 22'22	W 9
T 10	23 17 52	17 <sup>h</sup> 56'57	15 <sup>h</sup> 15'15	10 <sup>h</sup> 59'59	2 <sup>h</sup> 10'10	7 <sup>h</sup> 44'44	24 <sup>h</sup> 43'43	13 <sup>h</sup> 54'54	21 <sup>h</sup> 02'24	12 <sup>h</sup> 01'10	14 <sup>h</sup> 04'53	2 <sup>h</sup> 03'38	3 <sup>h</sup> 01'13	23 <sup>h</sup> 07'07	27 <sup>h</sup> 29'29	T 10
F 11	23 21 48	18 <sup>h</sup> 54'58	27 <sup>h</sup> 23'23	12 <sup>h</sup> 23'23	3 <sup>h</sup> 09'09	8 <sup>h</sup> 22'22	24 <sup>h</sup> 37'37	14 <sup>h</sup> 01'01	21 <sup>h</sup> 02'22	12 <sup>h</sup> 00'08	14 <sup>h</sup> 04'54	2 <sup>h</sup> 03'39	3 <sup>h</sup> 01'10	23 <sup>h</sup> 14'14	27 <sup>h</sup> 37'37	F 11
S 12	23 25 45	19 <sup>h</sup> 53'00	9 <sup>h</sup> 11'22	13 <sup>h</sup> 46'46	4 <sup>h</sup> 09'09	9 <sup>h</sup> 01'01	24 <sup>h</sup> 30'30	14 <sup>h</sup> 09'09	21 <sup>h</sup> 02'20	12 <sup>h</sup> 00'07	14 <sup>h</sup> 04'56	2 <sup>h</sup> 04'00	3 <sup>h</sup> 00'07	23 <sup>h</sup> 20'20	27 <sup>h</sup> 44'44	S 12
S 13	23 29 41	20 <sup>h</sup> 51'04	21 <sup>h</sup> 15'15	15 <sup>h</sup> 07'07	5 <sup>h</sup> 09'09	9 <sup>h</sup> 39'39	24 <sup>h</sup> 24'24	14 <sup>h</sup> 17'17	21 <sup>h</sup> 01'18	12 <sup>h</sup> 00'05	14 <sup>h</sup> 04'57	2 <sup>h</sup> 04'00	3 <sup>h</sup> 00'03	23 <sup>h</sup> 27'27	27 <sup>h</sup> 52'52	S 13
M14	23 33 38	21 <sup>h</sup> 49'10	3 <sup>h</sup> 02'09	16 <sup>h</sup> 27'27	6 <sup>h</sup> 09'09	10 <sup>h</sup> 18'18	24 <sup>h</sup> 18'18	14 <sup>h</sup> 24'24	21 <sup>h</sup> 01'16	12 <sup>h</sup> 00'04	14 <sup>h</sup> 04'59	2 <sup>h</sup> 04'00	3 <sup>h</sup> 00'00	23 <sup>h</sup> 34'34	27 <sup>h</sup> 59'59	M14
T 15	23 37 35	22 <sup>h</sup> 47'18	15 <sup>h</sup> 07'07	17 <sup>h</sup> 45'45	7 <sup>h</sup> 10'10	10 <sup>h</sup> 56'56	24 <sup>h</sup> 12'12	14 <sup>h</sup> 32'32	21 <sup>h</sup> 01'14	12 <sup>h</sup> 00'02	15 <sup>h</sup> 00'00	2 <sup>h</sup> 03'39	2 <sup>h</sup> 57'57	23 <sup>h</sup> 40'40	28 <sup>h</sup> 07'07	T 15
W16	23 41 31	23 <sup>h</sup> 45'28	27 <sup>h</sup> 13'13	19 <sup>h</sup> 02'02	8 <sup>h</sup> 11'11	11 <sup>h</sup> 35'35	24 <sup>h</sup> 06'06	14 <sup>h</sup> 39'39	21 <sup>h</sup> 01'12	12 <sup>h</sup> 00'00	15 <sup>h</sup> 00'01	2 <sup>h</sup> 03'38	2 <sup>h</sup> 54'54	23 <sup>h</sup> 47'47	28 <sup>h</sup> 15'15	W16
T 17	23 45 28	24 <sup>h</sup> 43'39	9 <sup>h</sup> 02'32	20 <sup>h</sup> 17'17	9 <sup>h</sup> 12'12	12 <sup>h</sup> 14'14	24 <sup>h</sup> 00'00	14 <sup>h</sup> 47'47	21 <sup>h</sup> 01'10	11 <sup>h</sup> 59'59	15 <sup>h</sup> 00'03	2 <sup>h</sup> 03'37	2 <sup>h</sup> 51'51	23 <sup>h</sup> 54'54	28 <sup>h</sup> 22'22	T 17
F 18	23 49 24	25 <sup>h</sup> 41'53	22 <sup>h</sup> 07'07	21 <sup>h</sup> 30'30	10 <sup>h</sup> 14'14	12 <sup>h</sup> 52'52	23 <sup>h</sup> 54'54	14 <sup>h</sup> 54'54	21 <sup>h</sup> 00'08	11 <sup>h</sup> 57'57	15 <sup>h</sup> 00'04	2 <sup>h</sup> 03'36	2 <sup>h</sup> 47'47	24 <sup>h</sup> 01'01	28 <sup>h</sup> 30'30	F 18
S 19	23 53 21	26 <sup>h</sup> 40'08	4 <sup>h</sup> 11'58	22 <sup>h</sup> 42'42	11 <sup>h</sup> 16'16	13 <sup>h</sup> 31'31	23 <sup>h</sup> 49'49	15 <sup>h</sup> 02'02	21 <sup>h</sup> 00'06	11 <sup>h</sup> 56'56	15 <sup>h</sup> 00'05	2 <sup>h</sup> 03'35	2 <sup>h</sup> 44'44	24 <sup>h</sup> 07'07	28 <sup>h</sup> 38'38	S 19
S 20	23 57 17	27 <sup>h</sup> 38'26	18 <sup>h</sup> 08'08	23 <sup>h</sup> 51'51	12 <sup>h</sup> 19'19	14 <sup>h</sup> 10'10	23 <sup>h</sup> 44'44	15 <sup>h</sup> 10'10	21 <sup>h</sup> 00'03	11 <sup>h</sup> 54'54	15 <sup>h</sup> 00'07	2 <sup>h</sup> 03'35	2 <sup>h</sup> 41'41	24 <sup>h</sup> 14'14	28 <sup>h</sup> 46'46	S 20
M21	0 01 14	28 <sup>h</sup> 36'45	1 <sup>h</sup> 02'35	24 <sup>h</sup> 59'59	13 <sup>h</sup> 21'21	14 <sup>h</sup> 48'48	23 <sup>h</sup> 39'39	15 <sup>h</sup> 17'17	21 <sup>h</sup> 00'01	11 <sup>h</sup> 53'53	15 <sup>h</sup> 00'08	2 <sup>h</sup> 03'35	2 <sup>h</sup> 38'38	24 <sup>h</sup> 21'21	28 <sup>h</sup> 54'54	M21
T 22	0 05 10	29 <sup>h</sup> 35'05	15 <sup>h</sup> 19'19	26 <sup>h</sup> 04'44	14 <sup>h</sup> 24'24	15 <sup>h</sup> 27'27	23 <sup>h</sup> 34'34	15 <sup>h</sup> 25'25	20 <sup>h</sup> 59'59	11 <sup>h</sup> 51'51	15 <sup>h</sup> 00'09	2 <sup>h</sup> 03'35	2 <sup>h</sup> 35'35	24 <sup>h</sup> 28'28	29 <sup>h</sup> 02'02	T 22
W23	0 09 07	0 <sup>h</sup> 03'28	29 <sup>h</sup> 16'16	27 <sup>h</sup> 08'08	15 <sup>h</sup> 28'28	16 <sup>h</sup> 06'06	23 <sup>h</sup> 29'29	15 <sup>h</sup> 32'32	20 <sup>h</sup> 57'57	11 <sup>h</sup> 49'49	15 <sup>h</sup> 01'11	2 <sup>h</sup> 03'35	2 <sup>h</sup> 32'32	24 <sup>h</sup> 34'34	29 <sup>h</sup> 10'10	W23
T 24	0 13 04	1 <sup>h</sup> 31'52	13 <sup>h</sup> 11'23	28 <sup>h</sup> 09'09	16 <sup>h</sup> 31'31	16 <sup>h</sup> 45'45	23 <sup>h</sup> 24'24	15 <sup>h</sup> 39'39	20 <sup>h</sup> 55'55	11 <sup>h</sup> 48'48	15 <sup>h</sup> 01'12	2 <sup>h</sup> 03'35	2 <sup>h</sup> 28'28	24 <sup>h</sup> 41'41	29 <sup>h</sup> 18'18	T 24
F 25	0 17 00	2 <sup>h</sup> 30'18	27 <sup>h</sup> 37'37	29 <sup>h</sup> 07'07	17 <sup>h</sup> 35'35	17 <sup>h</sup> 24'24	23 <sup>h</sup> 20'20	15 <sup>h</sup> 47'47	20 <sup>h</sup> 52'52	11 <sup>h</sup> 46'46	15 <sup>h</sup> 01'13	2 <sup>h</sup> 03'35	2 <sup>h</sup> 25'25	24 <sup>h</sup> 48'48	29 <sup>h</sup> 26'26	F 25
S 26	0 20 57	3 <sup>h</sup> 28'45	11 <sup>h</sup> 07'53	0 <sup>h</sup> 11'33	18 <sup>h</sup> 39'39	18 <sup>h</sup> 03'03	23 <sup>h</sup> 15'15	15 <sup>h</sup> 54'54	20 <sup>h</sup> 50'50	11 <sup>h</sup> 44'44	15 <sup>h</sup> 01'14	2 <sup>h</sup> 03'35	2 <sup>h</sup> 22'22	24 <sup>h</sup> 54'54	29 <sup>h</sup> 34'34	S 26
S 27	0 24 53	4 <sup>h</sup> 27'14	26 <sup>h</sup> 10'10	0 <sup>h</sup> 55'55	19 <sup>h</sup> 43'43	18 <sup>h</sup> 42'42	23 <sup>h</sup> 11'11	16 <sup>h</sup> 02'02	20 <sup>h</sup> 48'48	11 <sup>h</sup> 43'43	15 <sup>h</sup> 01'16	2 <sup>h</sup> 03'35	2 <sup>h</sup> 19'19	25 <sup>h</sup> 01'01	29 <sup>h</sup> 42'42	S 27
M28	0 28 50	5 <sup>h</sup> 25'44	10 <sup>h</sup> 02'33	1 <sup>h</sup> 45'45	20 <sup>h</sup> 48'48	19 <sup>h</sup> 21'21	23 <sup>h</sup> 07'07	16 <sup>h</sup> 09'09	20 <sup>h</sup> 46'46	11 <sup>h</sup> 41'41	15 <sup>h</sup> 01'17	2 <sup>h</sup> 03'35	2 <sup>h</sup> 16'16	25 <sup>h</sup> 08'08	29 <sup>h</sup> 50'50	M28
T 29	0 32 46	6 <sup>h</sup> 24'16	24 <sup>h</sup> 31'31	2 <sup>h</sup> 31'31	21 <sup>h</sup> 53'53	20 <sup>h</sup> 00'00	23 <sup>h</sup> 03'03	16 <sup>h</sup> 16'16	20 <sup>h</sup> 43'43	11 <sup>h</sup> 39'39	15 <sup>h</sup> 01'18	2 <sup>h</sup> 03'35	2 <sup>h</sup> 13'13	25 <sup>h</sup> 15'15	29 <sup>h</sup> 59'59	T 29
W30	0 36 43	7 <sup>h</sup> 22'50	8 <sup>h</sup> 03'31	3 <sup>h</sup> 11'14	22 <sup>h</sup> 05'58	20 <sup>h</sup> 03'39	23 <sup>h</sup> 00'00	16 <sup>h</sup> 11'11	20 <sup>h</sup> 41'41	11 <sup>h</sup> 37'37	15 <sup>h</sup> 01'19	2 <sup>h</sup> 03'36	2 <sup>h</sup> 09'09	25 <sup>h</sup> 22'22	0 <sup>h</sup> 11'11	W30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	8n 4	17s32	5n 8	1n35	0n33	18n 0	3s20	0s 6	0n45	13s51	1s 2	8n10	1n32	7n46	0s41	3n36	1s23	20n29	4n17	1s 6	1s28	18n 5	10s 4	0n 6	1s 2	1s 2	1s 2	1s 2	1s 2	
W 2	7 42	15 49	4 44	0 50	0 26	17 56	3 15	0 21	0 45	13 54	1 2	8 7	1 32	7 46	0 41	3 35	1 23	20 28	4 17	1 5	1 26	18 5	10 6	0 6	1 2	1 2	1 2	1 2	1 2	
T 3	7 20	13 8	4 2	0 5	0 18	17 51	3 10	0 37	0 44	13 56	1 2	8 4	1 32	7 45	0 41	3 35	1 23	20 28	4 18	1 4	1 25	18 5	10 8	0 6	1 2	1 2	1 2	1 2	1 2	
F 4	6 58	9 43	3 6	0s39	0 10	17 46	3 5	0 52	0 44	13 59	1 2	8 1	1 32	7 44	0 41	3 34	1 23	20 27	4 18	1 3	1 24	18 5	10 11	0 6	1 2	1 2	1 2	1 2	1 2	
S 5	6 36	5 47	1 59	1 23	0 2	17 41	2 59	1 8	0 43	14 1	1 2	7 58	1 32	7 44	0 41	3 34	1 23	20 27	4 18	1 2	1 23	18 6	10 13	0 7	1 2	1 2	1 2	1 2	1 2	
S 6	6 14	1 38	0 47	2 7	0s 6	17 35	2 54	1 24	0 43	14 4	1 2	7 55	1 32	7 43	0 41	3 33	1 23	20 27	4 18	1 1	1 21	18 6	10 15	0 7	1 2	1 2	1 2	1 2	1 2	
M 7	5 52	2n30	0s26	2 50	0 14	17 29	2 49	1 39	0 42	14 6	1 2	7 52	1 32	7 42	0 41	3 32	1 23	20 26	4 18	1 1	1 20	18 6	10 18	0 7	1 2	1 2	1 2	1 2	1 2	
T 8	5 30	6 24	1 36	3 32	0 22	17 22	2 43	1 55	0 42	14 8	1 2	7 50	1 32	7 42	0 41	3 32	1 23	20 26	4 18	1 2	1 19	18 6	10 20	0 8	1 2	1 2	1 2	1 2	1 2	
W 9	5 7	9 55	2 40	4 14	0 31	17 15	2 38	2 10	0 41	14 10	1 2	7 47	1 32	7 41	0 41	3 31	1 23	20 26	4 18	1 2	1 18	18 6	10 22	0 8	1 2	1 2	1 2	1 2	1 2	
T 10	4 45	12 55	3 35	4 56	0 39	17 7	2 33	2 26	0 41	14 13	1 2	7 44	1 32	7 40	0 41	3 31	1 23	20 25	4 18	1 3	1 16	18 7	10 25	0 8	1 2	1 2	1 2	1 2	1 2	
F 11	4 22	15 18	4 19	5 36	0 48	16 59	2 27	2 41	0 40	14 15	1 2	7 41	1 32	7 40	0 41	3 30	1 23	20 25	4 19	1 3	1 15	18 7	10 27	0 9	1 2	1 2	1 2	1 2	1 2	
S 12	3 59	16 59	4 51	6 16	0 56	16 51	2 22	2 57	0 40	14 17	1 2	7 38	1 32	7 39	0 41	3 29	1 23	20 25	4 19	1 3	1 14	18 7	10 29	0 9	1 2	1 2	1 2	1 2	1 2	
S 13	3 37	17 54	5 10	6 56	1 5	16 42	2 17	3 12	0 39	14 19	1 2	7 35	1 32	7 38	0 41	3 29	1 23	20 25	4 19	1 3	1 13	18 7	10 32	0 9	1 2	1 2	1 2	1 2	1 2	
M14	3 14	18 2	5 16	7 34	1 13	16 33	2 11	3 28	0 39	14 21	1 2	7 32	1 32	7 37	0 41	3 28	1 23	20 24	4 19	1 3	1 11	18 7	10 34	0 9	1 2	1 2	1 2	1 2	1 2	
T 15	2 51	17 23	5 9	8 12	1 22	16 23	2 6	3 43	0 38	14 23	1 2	7 30	1 33	7 37	0 41	3 28	1 23	20 24	4 19	1 3	1 10	18 7	10 37	0 10	1 2	1 2	1 2	1 2	1 2	
W16	2 28	15 55	4 48	8 50	1 31	16 13	2 0	3 59	0 38	14 25	1 2	7 27	1 33	7 36	0 41	3 27	1 23	20 24	4 19	1 3	1 9	18 8	10 39	0 10	1 2	1 2	1 2	1 2	1 2	
T 17	2 5	13 43	4 13	9 26	1 39	16 2	1 55	4 14	0 37	14 27	1 2	7 24	1 33	7 35	0 41	3 26	1 23	20 23	4 19	1 2	1 8	18 8	10 42	0 10	1 2	1 2	1 2	1 2	1 2	
F 18	1 42	10 50	3 26	10 1	1 48	15 51	1 50	4 30	0 37	14 29	1 2	7 21	1 33	7 34	0 41	3 26	1 23	20 23	4 19	1 2	1 6	18 8	10 44	0 11	1 2	1 2	1 2	1 2	1 2	
S 19	1 19	7 22	2 27	10 36	1 56	15 39	1 45	4 45	0 36	14 31	1 2	7 18	1 33	7 34	0 41	3 25	1 23	20 23	4 20	1 2	1 5	18 8	10 47	0 11	1 2	1 2	1 2	1 2	1 2	
S 20	0 56	3 27	1 19	11 9	2 5	15 27	1 39	5 1	0 36	14 32	1 2	7 15	1 33	7 33	0 41	3 24	1 23	20 23	4 20	1 1	1 4	18 8	10 49	0 11	1 2	1 2	1 2	1 2	1 2	
M21	0 33	0s43	0 5	11 42	2 13	15 15	1 34	5 16	0 35	14 34	1 2	7 13	1 33	7 32	0 41	3 24	1 23	20 22	4 20	1 1	1 3	18 8	10 52	0 12	1 2	1 2	1 2	1 2	1 2	
T 22	0 10	4 56	1n10	12 14	2 21	15 2	1 29	5 32	0 35	14 36	1 2	7 10	1 33	7 31	0 41	3 23	1 23	20 22	4 20	1 1	1 1	18 9	10 54	0 12	1 2	1 2	1 2	1 2	1 2	
W23	0s13	8 57	2 23	12 44	2 29	14 48	1 24	5 47	0 34	14 37	1 2	7 7	1 33	7 30	0 41	3 22	1 24	20 22	4 20	1 1	1 0	18 9	10 57	0 12	1 2	1 2	1 2	1 2	1 2	
T 24	0 36	12 30	3 27	13 13	2 37	14 35	1 18	6 2	0 34	14 39	1 2	7 4	1 33	7 29	0 41	3 22	1 24	20 22	4 20	1 1	0 59	18 9	10 59	0 12	1 2	1 2	1 2	1 2	1 2	
F 25	1 0	15 20	4 20	13 41	2 45	14 20	1 13	6 18	0 33	14 40	1 2	7 1	1 33	7 29	0 42	3 21	1 24	20 21	4 20	1 1	0 58	18 9	11 2	0 13	1 2	1 2	1 2	1 2	1 2	
S 26	1 23	17 14	4 57	14 8	2 52	14 6	1 8	6 33	0 33	14 41	1 2	6 59	1 34	7 28	0 42	3 21	1 24	20 21	4 21	1 1	0 56	18 9	11 4	0 13	1 2	1 2	1 2	1 2	1 2	
S 27	1 46	18 3	5 15	14 33	2 59	13 51	1 3	6 48	0 32	14 43	1 2	6 56	1 34	7 27	0 42	3 20	1 24	20 21	4 21	1 1	0 55	18 9	11 7	0 13	1 2	1 2	1 2	1 2	1 2	
M28	2 9	17 43	5 14	14 57	3 6	13 35	0 58	7 3	0 32	14 44	1 2	6 53	1 34	7 26	0 42	3 19	1 24	20 21	4 21	1 1	0 54	18 9	11 10	0 14	1 2	1 2	1 2	1 2	1 2	
T 29	2 32	16 18	4 54	15 19	3 13	13 19	0 53	7 19	0 31	14 45	1 2	6 50	1 34	7 25	0 42	3 19	1 24	20 21	4 21	1 2	0 53	18 9	11 12	0 14	1 2	1 2	1 2	1 2	1 2	
W30	2s55	13s56	4n17	15s39	3s19	13n 3	0s48	7s34	0n31	14s46	1s 2	6n48	1n34	7n24	0s42	3n18	1s24	20n20	4n21	1s 2	0s51	18n10	11s15	0n14	1s 2	1 2	1 2	1 2	1 2	1 2

## ASTRODIENST EPHEMERIS for the year 2685

OCTOBER 2685

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 40 39	8♂21'25	22♂21	3♂53	24♂3	21♂18	22°R56	16♂31	20°R39	11°R36	15♂20	2♂36	2♂6	25♂28	0♂15	T 1
F 2	0 44 36	9°20'02	6♂1	4°27	25°9	21°57	22♂53	16°38	20°Y36	11°Y34	15°21	2°37	2°3	25°35	0°23	F 2
S 3	0 48 33	10°18'40	19°28	4°57	26°15	22°37	22°50	16°46	20°34	11°33	15°22	2°37	2°0	25°41	0°32	S 3
S 4	0 52 29	11°17'20	2°Y42	5°23	27°21	23°16	22°47	16°53	20°31	11°31	15°24	2°R37	1°57	25°48	0°40	S 4
M 5	0 56 26	12°16'03	15°41	5°42	28°27	23°55	22°44	17°0	20°29	11°29	15°25	2°37	1°53	25°55	0°48	M 5
T 6	1 0 22	13°14'47	28°25	5°57	29°34	24°35	22°42	17°7	20°27	11°28	15°26	2°36	1°50	26°2	0°57	T 6
W 7	1 4 19	14°13'33	10♂55	6°5	0♂41	25°14	22°40	17°14	20°24	11°26	15°27	2°35	1°47	26°8	1°5	W 7
T 8	1 8 15	15°12'21	23°12	6°R 7	1°47	25°53	22°37	17°21	20°22	11°24	15°28	2°33	1°44	26°15	1°14	T 8
F 9	1 12 12	16°11'12	5♂18	6°2	2°55	26°33	22°35	17°28	20°19	11°23	15°29	2°31	1°41	26°22	1°22	F 9
S 10	1 16 8	17°10'04	17°16	5°49	4°2	27°12	22°34	17°35	20°17	11°21	15°30	2°29	1°38	26°29	1°31	S 10
S 11	1 20 5	18°8'59	29°10	5°30	5°10	27°52	22°32	17°42	20°15	11°20	15°30	2°28	1°34	26°35	1°39	S 11
M12	1 24 1	19°7'56	11♂3	5°2	6°17	28°31	22°31	17°49	20°12	11°18	15°31	2°27	1°31	26°42	1°48	M12
T 13	1 27 58	20°6'55	22°59	4°27	7°25	29°11	22°30	17°56	20°10	11°16	15°32	2°D27	1°28	26°49	1°56	T 13
W14	1 31 55	21°5'57	5♂4	3°45	8°33	29°51	22°29	18°3	20°7	11°15	15°33	2°27	1°25	26°55	2°5	W14
T 15	1 35 51	22°5'01	17°23	2°55	9°42	0♂30	22°28	18°10	20°5	11°13	15°34	2°29	1°22	27°2	2°13	T 15
F 16	1 39 48	23°4'07	29°59	1°59	10°50	1°10	22°27	18°16	20°3	11°11	15°35	2°30	1°19	27°9	2°22	F 16
S 17	1 43 44	24°3'15	12♂55	0°57	11°59	1°50	22°27	18°23	20°0	11°10	15°36	2°31	1°15	27°16	2°30	S 17
S 18	1 47 41	25°2'25	26°15	29♂50	13°8	2°30	22°D27	18°30	19°58	11°8	15°36	2°R32	1°12	27°22	2°39	S 18
M19	1 51 37	26°1'38	9♂58	28°40	14°17	3°10	22°27	18°36	19°55	11°7	15°37	2°32	1°9	27°29	2°48	M19
T 20	1 55 34	27°0'52	24°4	27°29	15°26	3°49	22°27	18°43	19°53	11°5	15°38	2°31	1°6	27°36	2°56	T 20
W21	1 59 30	28°0'09	8♂27	26°19	16°35	4°29	22°28	18°50	19°51	11°3	15°38	2°29	1°3	27°42	3°5	W21
T 22	2 3 27	28°59'28	23°3	25°11	17°45	5°9	22°28	18°56	19°48	11°2	15°39	2°25	0°59	27°49	3°14	T 22
F 23	2 7 24	29°58'48	7♂45	24°8	18°54	5°49	22°29	19°2	19°46	11°0	15°40	2°21	0°56	27°56	3°22	F 23
S 24	2 11 20	0♂58'11	22°25	23°11	20°4	6°30	22°30	19°9	19°43	10°59	15°40	2°17	0°53	28°3	3°31	S 24
S 25	2 15 17	1°57'35	6♂58	22°22	21°14	7°10	22°32	19°15	19°41	10°57	15°41	2°14	0°50	28°9	3°40	S 25
M26	2 19 13	2°57'01	21°18	21°42	22°24	7°50	22°33	19°21	19°39	10°56	15°42	2°12	0°47	28°16	3°48	M26
T 27	2 23 10	3°56'29	5♂23	21°12	23°34	8°30	22°35	19°28	19°36	10°54	15°42	2°D12	0°44	28°23	3°57	T 27
W28	2 27 6	4°55'58	19°12	20°54	24°44	9°10	22°36	19°34	19°34	10°53	15°43	2°13	0°40	28°30	4°6	W28
T 29	2 31 3	5°55'29	2♂44	20°D46	25°55	9°51	22°39	19°40	19°32	10°51	15°43	2°14	0°37	28°36	4°14	T 29
F 30	2 34 59	6°55'01	16°1	20°50	27°5	10°31	22°41	19°46	19°30	10°50	15°44	2°16	0°34	28°43	4°23	F 30
S 31	2 38 56	7♂54'35	29♂4	21♂4	28♂16	11♂11	22♂43	19♂52	19°Y27	10°Y48	15♂44	2°R17	0♂31	28♂50	4♂31	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	3s18	10s46	3n25	15s58	3s24	12n46	0s43	7s49	0n30	14s47	1s2	6n45	1n34	7n23	0s42	3n17
F 2	3 41	7 4	2 22	16 14	3 29	12 29	0 39	8 4	0 30	14 48	1 2	6 42	1 34	7 22	0 42	3 17
S 3	4 4	3 3	1 12	16 29	3 34	12 11	0 34	8 19	0 29	14 49	1 2	6 39	1 34	7 22	0 42	3 16
S 4	4 27	1n 4	0s 0	16 41	3 38	11 53	0 29	8 34	0 28	14 50	1 1	6 37	1 35	7 21	0 42	3 15
M 5	4 50	5 3	1 12	16 51	3 41	11 35	0 24	8 49	0 28	14 51	1 1	6 34	1 35	7 20	0 42	3 15
T 6	5 13	8 43	2 18	16 58	3 43	11 16	0 20	9 4	0 27	14 52	1 1	6 31	1 35	7 19	0 42	3 14
W 7	5 35	11 56	3 16	17 2	3 44	10 57	0 15	9 19	0 27	14 53	1 1	6 29	1 35	7 18	0 42	3 13
T 8	5 58	14 33	4 5	17 2	3 45	10 38	0 11	9 33	0 26	14 53	1 1	6 26	1 35	7 17	0 42	3 13
F 9	6 21	16 30	4 41	17 0	3 44	10 18	0 6	9 48	0 26	14 54	1 1	6 24	1 35	7 16	0 42	3 12
S 10	6 43	17 41	5 5	16 54	3 42	9 58	0 2	10 3	0 25	14 54	1 1	6 21	1 35	7 15	0 42	3 11
S 11	7 5	18 6	5 15	16 44	3 38	9 37	0n 2	10 17	0 25	14 55	1 1	6 18	1 35	7 14	0 42	3 11
M12	7 28	17 42	5 12	16 30	3 33	9 16	0 7	10 32	0 24	14 55	1 1	6 16	1 36	7 14	0 42	3 10
T 13	7 50	16 32	4 56	16 11	3 26	8 55	0 11	10 46	0 24	14 55	1 1	6 13	1 36	7 13	0 42	3 10
W14	8 12	14 37	4 26	15 49	3 18	8 34	0 15	11 1	0 23	14 55	1 1	6 11	1 36	7 12	0 42	3 9
T 15	8 34	12 0	3 44	15 22	3 7	8 12	0 19	11 15	0 23	14 56	1 1	6 8	1 36	7 11	0 41	3 8
F 16	8 56	8 47	2 50	14 51	2 55	7 50	0 23	11 29	0 22	14 56	1 1	6 6	1 36	7 10	0 41	3 8
S 17	9 18	5 3	1 46	14 16	2 41	7 27	0 27	11 44	0 21	14 56	1 0	6 3	1 36	7 9	0 41	3 7
S 18	9 39	0 57	0 35	13 38	2 25	7 5	0 31	11 58	0 21	14 56	1 0	6 1	1 36	7 8	0 41	3 6
M19	10 1	3s19	0n41	12 57	2 8	6 42	0 34	12 12	0 20	14 56	1 0	5 58	1 37	7 7	0 41	3 6
T 20	10 22	7 30	1 56	12 14	1 49	6 18	0 38	12 26	0 20	14 55	1 0	5 56	1 37	7 6	0 41	3 5
W21	10 43	11 21	3 4	11 31	1 29	5 55	0 42	12 40	0 19	14 55	1 0	5 54	1 37	7 5	0 41	3 5
T 22	11 4	14 33	4 2	10 47	1 9	5 31	0 45	12 54	0 19	14 55	1 0	5 51	1 37	7 5	0 41	3 4
F 23	11 25	16 50	4 45	10 4	0 48	5 7	0 49	13 8	0 18	14 54	1 0	5 49	1 37	7 4	0 41	3 3
S 24	11 46	18 0	5 8	9 24	0 28	4 43	0 52	13 21	0 18	14 54	1 0	5 46	1 37	7 3	0 41	3 3
S 25	12 7	17 59	5 12	8 48	0 8	4 19	0 55	13 35	0 17	14 54	1 0	5 44	1 38	7 2	0 41	3 2
M26	12 27	16 48	4 56	8 15	0n11	3 54	0 58	13 48	0 17	14 53	1 0	5 42	1 38	7 1	0 41	3 2
T 27	12 47	14 37	4 22	7 47	0 29	3 29	1 1	14 2	0 16	14 52	0 59	5 40	1 38	7 0	0 41	3 1
W28	13 7	11 37	3 34	7 25	0 46	3 4	1 4	14 15	0 15	14 52	0 59	5 37	1 38	6 59	0 41	3 0
T 29	13 27	8 4	2 34	7 8	1 1	2 39	1 7	14 28	0 15	14 51	0 59	5 35	1 38	6 59	0 41	3 0
F 30	13 46	4 9	1 28	6 56	1 15	2 14	1 10	14 42	0 14	14 50	0 59	5 33	1 39	6 58	0 41	2 59
S 31	14s 6	0s 6	0n17	6s51	1n27	1n48	1n13	14s55	0n14	14s49	0s59	5n31	1n39	6n57	0s41	2n59

Julian Day Number = 2702009.5, Delta T = 26m10s

Ecliptic obliquity = 23°20'52, Nutation = 0°00'00

Ayanamsha: Fagan/Bradley = 34°20'01, Lahiri = 33°27'01



## ASTRODIENST EPHEMERIS for the year 2685

DECEMBER 2685

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 41 9	8°57'13	16°48'4	3°56'56	5°37'37	2°24'24	25°28'28	22°20'20	18°31'31	10°15'15	15°45'45	0°16'16	28°52'52	2°18'18	8°51'51	T 1
W 2	4 45 6	9°57'43	28°11'11	5°31'31	6°50'50	3°6'6	25°36'36	22°24'24	18°29'29	10°14'14	15°44'44	0°6'6	28°49'49	2°25'25	8°59'59	W 2
T 3	4 49 2	10°58'16	10°12'12	7°7'7	8°4'4	3°48'48	25°45'45	22°27'27	18°28'28	10°13'13	15°44'44	29°53'53	28°46'46	2°32'32	9°7'7	T 3
F 4	4 52 59	11°58'50	22°8'8	8°42'42	9°18'18	4°30'30	25°53'53	22°30'30	18°27'27	10°13'13	15°43'43	29°39'39	28°43'43	2°38'38	9°15'15	F 4
S 5	4 56 55	12°59'25	4°2'2	10°17'17	10°31'31	5°12'12	26°1'1	22°33'33	18°26'26	10°12'12	15°43'43	29°25'25	28°40'40	2°45'45	9°23'23	S 5
S 6	5 0 52	14°0'02	15°53'53	11°52'52	11°45'45	5°54'54	26°10'10	22°36'36	18°25'25	10°12'12	15°42'42	29°12'12	28°36'36	2°52'52	9°31'31	S 6
M 7	5 4 49	15°0'40	27°45'45	13°26'26	12°59'59	6°36'36	26°18'18	22°39'39	18°24'24	10°11'11	15°42'42	29°2'2	28°33'33	2°58'58	9°38'38	M 7
T 8	5 8 45	16°1'20	9°40'40	15°1'1	14°13'13	7°18'18	26°27'27	22°42'42	18°23'23	10°11'11	15°41'41	28°54'54	28°30'30	3°5'5	9°46'46	T 8
W 9	5 12 42	17°2'01	21°41'41	16°35'35	15°27'27	8°0'0	26°36'36	22°45'45	18°22'22	10°10'10	15°41'41	28°48'48	28°27'27	3°12'12	9°53'53	W 9
T 10	5 16 38	18°2'44	3°52'52	18°10'10	16°40'40	8°42'42	26°45'45	22°47'47	18°21'21	10°10'10	15°40'40	28°46'46	28°24'24	3°19'19	10°1'1	T 10
F 11	5 20 35	19°3'28	16°18'18	19°44'44	17°54'54	9°24'24	26°55'55	22°50'50	18°20'20	10°9'9	15°39'39	28°D45	28°21'21	3°25'25	10°8'8	F 11
S 12	5 24 31	20°4'14	29°5'5	21°18'18	19°9'9	10°6'6	27°4'4	22°52'52	18°19'19	10°9'9	15°39'39	28°R45	28°17'17	3°32'32	10°16'16	S 12
S 13	5 28 28	21°5'01	12°46'46	22°52'52	20°23'23	10°49'49	27°13'13	22°55'55	18°19'19	10°9'9	15°38'38	28°45'45	28°14'14	3°39'39	10°23'23	S 13
M14	5 32 24	22°5'50	25°56'56	24°26'26	21°37'37	11°31'31	27°23'23	22°57'57	18°18'18	10°9'9	15°37'37	28°42'42	28°11'11	3°46'46	10°31'31	M14
T 15	5 36 21	23°6'40	10°11'11	26°0'0	22°51'51	12°14'14	27°33'33	22°59'59	18°17'17	10°8'8	15°37'37	28°38'38	28°8'8	3°52'52	10°38'38	T 15
W16	5 40 18	24°7'31	24°45'45	27°34'34	24°5'5	12°56'56	27°43'43	23°1'1	18°17'17	10°8'8	15°36'36	28°30'30	28°5'5	3°59'59	10°45'45	W16
T 17	5 44 14	25°8'24	9°47'47	29°8'8	25°19'19	13°38'38	27°53'53	23°3'3	18°16'16	10°8'8	15°35'35	28°20'20	28°2'2	4°6'6	10°52'52	T 17
F 18	5 48 11	26°9'18	2°5'5	0°34'34	26°34'34	14°21'21	28°3'3	23°5'5	18°16'16	10°8'8	15°34'34	28°9'9	27°58'58	4°12'12	10°59'59	F 18
S 19	5 52 7	27°10'13	10°27'27	2°17'17	27°48'48	15°4'4	28°13'13	23°6'6	18°15'15	10°8'8	15°34'34	27°57'57	27°55'55	4°19'19	11°6'6	S 19
S 20	5 56 4	28°11'09	25°40'40	3°51'51	29°2'2	15°46'46	28°23'23	23°8'8	18°15'15	10°8'8	15°33'33	27°46'46	27°52'52	4°26'26	11°13'13	S 20
M21	6 0 0	29°12'06	10°35'35	5°25'25	0°17'17	16°29'29	28°34'34	23°9'9	18°14'14	10°D8	15°32'32	27°38'38	27°49'49	4°33'33	11°20'20	M21
T 22	6 3 57	0°13'03	25°4'4	6°59'59	1°31'31	17°12'12	28°44'44	23°11'11	18°14'14	10°8'8	15°31'31	27°33'33	27°46'46	4°39'39	11°27'27	T 22
W23	6 7 53	1°14'01	9°48'48	8°33'33	2°46'46	17°54'54	28°55'55	23°12'12	18°14'14	10°8'8	15°30'30	27°30'30	27°42'42	4°46'46	11°34'34	W23
T 24	6 11 50	2°14'59	22°57'57	10°8'8	4°0'0	18°37'37	29°6'6	23°13'13	18°14'14	10°8'8	15°29'29	27°29'29	27°39'39	4°53'53	11°40'40	T 24
F 25	6 15 47	3°15'58	5°44'44	11°42'42	5°15'15	19°20'20	29°17'17	23°14'14	18°14'14	10°8'8	15°28'28	27°29'29	27°36'36	5°0'0	11°47'47	F 25
S 26	6 19 43	4°16'57	18°28'28	13°16'16	6°29'29	20°3'3	29°28'28	23°15'15	18°13'13	10°8'8	15°27'27	27°29'29	27°33'33	5°6'6	11°53'53	S 26
S 27	6 23 40	5°17'57	0°35'55	14°51'51	7°44'44	20°46'46	29°39'39	23°16'16	18°D13	10°8'8	15°26'26	27°26'26	27°30'30	5°13'13	12°0'0	S 27
M28	6 27 36	6°18'57	13°9'9	16°25'25	8°58'58	21°29'29	29°50'50	23°16'16	18°13'13	10°8'8	15°25'25	27°21'21	27°27'27	5°20'20	12°6'6	M28
T 29	6 31 33	7°19'58	25°13'13	18°0'0	10°13'13	22°12'12	0°1'1	23°17'17	18°14'14	10°9'9	15°24'24	27°13'13	27°23'23	5°26'26	12°13'13	T 29
W30	6 35 29	8°20'59	7°11'11	19°34'34	11°28'28	22°55'55	0°13'13	23°18'18	18°14'14	10°9'9	15°23'23	27°3'3	27°20'20	5°33'33	12°19'19	W30
T 31	6 39 26	9°22'00	19°11'11	21°38'38	12°42'42	23°38'38	0°14'14	23°18'18	18°14'14	10°9'9	15°22'22	26°50'50	27°17'17	5°40'40	12°25'25	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	21s42	13n 7	3s37	20s43	0n 9	11s34	1n52	20s38	0s 4	13s51	0s56	4n39	1n45	6n36	0s41	T 1
W 2	21 52	15 31	4 16	21 7	0 2	11 59	1 52	20 46	0 5	13 49	0 56	4 38	1 46	6 36	0 40	W 2
T 3	22 0	17 13	4 43	21 30	0s 5	12 22	1 52	20 55	0 5	13 46	0 56	4 37	1 46	6 35	0 40	T 3
F 4	22 8	18 9	4 58	21 52	0 12	12 46	1 52	21 3	0 6	13 43	0 56	4 35	1 46	6 35	0 40	F 4
S 5	22 16	18 18	5 0	22 13	0 19	13 9	1 51	21 11	0 6	13 40	0 56	4 34	1 46	6 35	0 40	S 5
S 6	22 24	17 38	4 48	22 32	0 25	13 33	1 51	21 19	0 7	13 37	0 55	4 33	1 47	6 34	0 40	S 6
M 7	22 31	16 13	4 24	22 51	0 32	13 55	1 50	21 27	0 8	13 34	0 55	4 33	1 47	6 34	0 40	M 7
T 8	22 37	14 5	3 49	23 8	0 38	14 18	1 50	21 35	0 8	13 31	0 55	4 32	1 47	6 33	0 40	T 8
W 9	22 43	11 20	3 3	23 25	0 44	14 40	1 49	21 42	0 9	13 28	0 55	4 31	1 47	6 33	0 40	W 9
T 10	22 49	8 4	2 8	23 40	0 51	15 2	1 48	21 49	0 9	13 25	0 55	4 30	1 48	6 33	0 40	T 10
F 11	22 54	4 23	1 5	23 54	0 57	15 23	1 47	21 56	0 10	13 21	0 55	4 29	1 48	6 33	0 40	F 11
S 12	22 59	0 24	0n 2	24 6	1 3	15 44	1 46	22 3	0 11	13 18	0 55	4 29	1 48	6 32	0 40	S 12
S 13	23 3	3s45	1 11	24 18	1 8	16 5	1 45	22 10	0 11	13 15	0 55	4 28	1 48	6 32	0 40	S 13
M14	23 7	7 50	2 18	24 28	1 14	16 25	1 44	22 16	0 12	13 12	0 55	4 27	1 49	6 32	0 40	M14
T 15	23 10	11 38	3 20	24 37	1 19	16 45	1 43	22 23	0 12	13 8	0 55	4 27	1 49	6 32	0 40	T 15
W16	23 13	14 50	4 10	24 44	1 25	17 5	1 42	22 29	0 13	13 5	0 55	4 26	1 49	6 31	0 40	W16
T 17	23 16	17 8	4 45	24 50	1 30	17 24	1 40	22 35	0 14	13 1	0 55	4 26	1 50	6 31	0 40	T 17
F 18	23 18	18 16	5 0	24 55	1 34	17 43	1 39	22 40	0 14	12 58	0 54	4 25	1 50	6 31	0 40	F 18
S 19	23 19	18 4	4 53	24 59	1 39	18 1	1 37	22 46	0 15	12 54	0 54	4 25	1 50	6 31	0 40	S 19
S 20	23 20	16 34	4 26	25 1	1 43	18 18	1 36	22 51	0 15	12 50	0 54	4 24	1 50	6 31	0 40	S 20
M21	23 21	13 59	3 41	25 2	1 48	18 36	1 34	22 56	0 16	12 47	0 54	4 24	1 51	6 31	0 40	M21
T 22	23 21	10 34	2 42	25 1	1 51	18 52	1 33	23 1	0 17	12 43	0 54	4 24	1 51	6 31	0 40	T 22
W23	23 21	6 39	1 36	24 59	1 55	19 9	1 31	23 5	0 17	12 39	0 54	4 23	1 51	6 31	0 40	W23
T 24	23 20	2 31	0 26	24 56	1 58	19 24	1 29	23 9	0 18	12 35	0 54	4 23	1 51	6 31	0 40	T 24
F 25	23 18	1n36	0s43	24 51	2 2	19 40	1 27	23 14	0 18	12 31	0 54	4 23	1 52	6 31	0 40	F 25
S 26	23 17	5 32	1 49	24 45	2 4	19 54	1 26	23 18	0 19	12 28	0 54	4 23	1 52	6 31	0 40	S 26
S 27	23 15	9 8	2 47	24 37	2 7	20 8	1 24	23 21	0 20	12 24	0 54	4 23	1 52	6 31	0 40	S 27
M28	23 12	12 17	3 36	24 28	2 9	20 22	1 22	23 25	0 20	12 20	0 54	4 23	1 52	6 31	0 40	M28
T 29	23 9	14 52	4 15	24 18	2 11	20 35	1 20	23 28	0 21	12 16	0 54	4 23	1 53	6 31	0 39	T 29
W30	23 5	16 47	4 43	24 6	2 12	20 47	1 18	23 31	0 21	12 12	0 54	4 23	1 53	6 31	0 39	W30
T 31	23s 1	17n58	4s57	23s53	2s13	20s59	1n15	23s34	0s22	12s 7	0s54	4n23	1n53	6n31	0s39	T 31

Julian Day Number = 2702070.5, Delta T = 26m11s

Ecliptic obliquity = 23°20'51, Nutation = - 0°00'01

Ayanamsha: Fagan/Bradley = 34°20'09, Lahiri = 33°27'09

## ASTRODIENST EPHEMERIS for the year 2686

JANUARY 2686

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	6 43 22	10 <sup>23</sup> 23'03	0 <sup>59</sup> 59	22 <sup>3</sup> 43	13 <sup>27</sup> 57	24 <sup>27</sup> 21	0 <sup>36</sup> 36	23 <sup>18</sup> 18	18 <sup>14</sup> 14	10 <sup>10</sup> 10	15 <sup>21</sup> 21	26 <sup>35</sup> 35	27 <sup>14</sup> 14	5 <sup>53</sup> 47	12 <sup>31</sup> 31	F 1
S 2	6 47 19	11 <sup>24</sup> 05	12 <sup>52</sup> 52	24 <sup>17</sup> 17	15 <sup>12</sup> 12	25 <sup>4</sup> 4	0 <sup>48</sup> 48	23 <sup>18</sup> 18	18 <sup>14</sup> 14	10 <sup>10</sup> 10	15 <sup>20</sup> 20	26 <sup>11</sup> 11	27 <sup>11</sup> 11	5 <sup>53</sup> 53	12 <sup>37</sup> 37	S 2
S 3	6 51 16	12 <sup>25</sup> 08	24 <sup>45</sup> 45	25 <sup>51</sup> 51	16 <sup>26</sup> 26	25 <sup>47</sup> 47	0 <sup>59</sup> 59	23 <sup>18</sup> 18	18 <sup>15</sup> 15	10 <sup>11</sup> 11	15 <sup>19</sup> 19	26 <sup>7</sup> 7	27 <sup>8</sup> 8	6 <sup>0</sup> 0	12 <sup>43</sup> 43	S 3
M 4	6 55 12	13 <sup>26</sup> 12	6 <sup>0</sup> 41	27 <sup>24</sup> 24	17 <sup>41</sup> 41	26 <sup>31</sup> 31	1 <sup>11</sup> 11	23 <sup>18</sup> 18	18 <sup>15</sup> 15	10 <sup>11</sup> 11	15 <sup>18</sup> 18	25 <sup>56</sup> 56	27 <sup>4</sup> 4	6 <sup>7</sup> 7	12 <sup>49</sup> 49	M 4
T 5	6 59 9	14 <sup>27</sup> 16	18 <sup>41</sup> 41	28 <sup>57</sup> 57	18 <sup>56</sup> 56	27 <sup>14</sup> 14	1 <sup>23</sup> 23	23 <sup>18</sup> 18	18 <sup>15</sup> 15	10 <sup>11</sup> 11	15 <sup>17</sup> 17	25 <sup>47</sup> 47	27 <sup>1</sup> 1	6 <sup>13</sup> 13	12 <sup>55</sup> 55	T 5
W 6	7 3 5	15 <sup>28</sup> 21	0 <sup>11</sup> 47	0 <sup>30</sup> 30	20 <sup>11</sup> 11	27 <sup>57</sup> 57	1 <sup>35</sup> 35	23 <sup>18</sup> 18	18 <sup>16</sup> 16	10 <sup>12</sup> 12	15 <sup>16</sup> 16	25 <sup>41</sup> 41	26 <sup>58</sup> 58	6 <sup>20</sup> 20	13 <sup>0</sup> 0	W 6
T 7	7 7 2	16 <sup>29</sup> 26	13 <sup>2</sup> 2	2 <sup>2</sup> 2	21 <sup>26</sup> 26	28 <sup>41</sup> 41	1 <sup>47</sup> 47	23 <sup>17</sup> 17	18 <sup>16</sup> 16	10 <sup>13</sup> 13	15 <sup>14</sup> 14	25 <sup>38</sup> 38	26 <sup>55</sup> 55	6 <sup>27</sup> 27	13 <sup>6</sup> 6	T 7
F 8	7 10 58	17 <sup>30</sup> 31	25 <sup>29</sup> 29	3 <sup>33</sup> 33	22 <sup>40</sup> 40	29 <sup>24</sup> 24	2 <sup>0</sup> 0	23 <sup>17</sup> 17	18 <sup>17</sup> 17	10 <sup>13</sup> 13	15 <sup>13</sup> 13	25 <sup>D38</sup> D38	26 <sup>52</sup> 52	6 <sup>34</sup> 34	13 <sup>11</sup> 11	F 8
S 9	7 14 55	18 <sup>31</sup> 37	8 <sup>14</sup> 14	5 <sup>3</sup> 3	23 <sup>55</sup> 55	0 <sup>3</sup> 8	2 <sup>12</sup> 12	23 <sup>16</sup> 16	18 <sup>18</sup> 18	10 <sup>14</sup> 14	15 <sup>12</sup> 12	25 <sup>38</sup> 38	26 <sup>48</sup> 48	6 <sup>40</sup> 40	13 <sup>17</sup> 17	S 9
S 10	7 18 51	19 <sup>32</sup> 44	21 <sup>19</sup> 19	6 <sup>32</sup> 32	25 <sup>10</sup> 10	0 <sup>51</sup> 51	2 <sup>24</sup> 24	23 <sup>15</sup> 15	18 <sup>18</sup> 18	10 <sup>14</sup> 14	15 <sup>11</sup> 11	25 <sup>R38</sup> R38	26 <sup>45</sup> 45	6 <sup>47</sup> 47	13 <sup>22</sup> 22	S 10
M 11	7 22 48	20 <sup>33</sup> 51	4 <sup>11</sup> 49	7 <sup>59</sup> 59	26 <sup>25</sup> 25	1 <sup>35</sup> 35	2 <sup>37</sup> 37	23 <sup>14</sup> 14	18 <sup>19</sup> 19	10 <sup>15</sup> 15	15 <sup>10</sup> 10	25 <sup>37</sup> 37	26 <sup>42</sup> 42	6 <sup>54</sup> 54	13 <sup>27</sup> 27	M 11
T 12	7 26 45	21 <sup>34</sup> 59	18 <sup>46</sup> 46	9 <sup>25</sup> 25	27 <sup>40</sup> 40	2 <sup>18</sup> 18	2 <sup>49</sup> 49	23 <sup>13</sup> 13	18 <sup>20</sup> 20	10 <sup>16</sup> 16	15 <sup>8</sup> 8	25 <sup>34</sup> 34	26 <sup>39</sup> 39	7 <sup>1</sup> 1	13 <sup>33</sup> 33	T 12
W 13	7 30 41	22 <sup>36</sup> 07	3 <sup>11</sup> 11	10 <sup>48</sup> 48	28 <sup>55</sup> 55	3 <sup>2</sup> 2	3 <sup>2</sup> 2	23 <sup>12</sup> 12	18 <sup>21</sup> 21	10 <sup>17</sup> 17	15 <sup>7</sup> 7	25 <sup>29</sup> 29	26 <sup>36</sup> 36	7 <sup>7</sup> 7	13 <sup>38</sup> 38	W 13
T 14	7 34 38	23 <sup>37</sup> 16	18 <sup>0</sup> 0	12 <sup>8</sup> 8	0 <sup>3</sup> 10	3 <sup>46</sup> 46	3 <sup>15</sup> 15	23 <sup>11</sup> 11	18 <sup>22</sup> 22	10 <sup>17</sup> 17	15 <sup>6</sup> 6	25 <sup>21</sup> 21	26 <sup>33</sup> 33	7 <sup>14</sup> 14	13 <sup>43</sup> 43	T 14
F 15	7 38 34	24 <sup>38</sup> 24	3 <sup>3</sup> 8	13 <sup>26</sup> 26	1 <sup>25</sup> 25	4 <sup>30</sup> 30	3 <sup>27</sup> 27	23 <sup>10</sup> 10	18 <sup>22</sup> 22	10 <sup>18</sup> 18	15 <sup>5</sup> 5	25 <sup>12</sup> 12	26 <sup>29</sup> 29	7 <sup>21</sup> 21	13 <sup>48</sup> 48	F 15
S 16	7 42 31	25 <sup>39</sup> 33	18 <sup>25</sup> 25	14 <sup>39</sup> 39	2 <sup>40</sup> 40	5 <sup>13</sup> 13	3 <sup>40</sup> 40	23 <sup>8</sup> 8	18 <sup>23</sup> 23	10 <sup>19</sup> 19	15 <sup>3</sup> 3	25 <sup>2</sup> 2	26 <sup>26</sup> 26	7 <sup>27</sup> 27	13 <sup>52</sup> 52	S 16
S 17	7 46 27	26 <sup>40</sup> 42	3 <sup>3</sup> 40	15 <sup>49</sup> 49	3 <sup>55</sup> 55	5 <sup>57</sup> 57	3 <sup>53</sup> 53	23 <sup>7</sup> 7	18 <sup>25</sup> 25	10 <sup>20</sup> 20	15 <sup>2</sup> 2	24 <sup>53</sup> 53	26 <sup>23</sup> 23	7 <sup>34</sup> 34	13 <sup>57</sup> 57	S 17
M 18	7 50 24	27 <sup>41</sup> 51	18 <sup>41</sup> 41	16 <sup>53</sup> 53	5 <sup>10</sup> 10	6 <sup>41</sup> 41	4 <sup>6</sup> 6	23 <sup>5</sup> 5	18 <sup>26</sup> 26	10 <sup>21</sup> 21	15 <sup>1</sup> 1	24 <sup>46</sup> 46	26 <sup>20</sup> 20	7 <sup>41</sup> 41	14 <sup>2</sup> 2	M 18
T 19	7 54 21	28 <sup>42</sup> 59	3 <sup>11</sup> 21	17 <sup>52</sup> 52	6 <sup>25</sup> 25	7 <sup>25</sup> 25	4 <sup>19</sup> 19	23 <sup>4</sup> 4	18 <sup>27</sup> 27	10 <sup>22</sup> 22	15 <sup>0</sup> 0	24 <sup>42</sup> 42	26 <sup>17</sup> 17	7 <sup>48</sup> 48	14 <sup>6</sup> 6	T 19
W 20	7 58 17	29 <sup>44</sup> 07	17 <sup>33</sup> 33	18 <sup>44</sup> 44	7 <sup>40</sup> 40	8 <sup>9</sup> 9	4 <sup>32</sup> 32	23 <sup>2</sup> 2	18 <sup>28</sup> 28	10 <sup>23</sup> 23	14 <sup>58</sup> 58	24 <sup>40</sup> 40	26 <sup>14</sup> 14	7 <sup>54</sup> 54	14 <sup>10</sup> 10	W 20
T 21	8 2 14	0 <sup>45</sup> 15	1 <sup>16</sup> 16	19 <sup>28</sup> 28	8 <sup>55</sup> 55	8 <sup>53</sup> 53	4 <sup>45</sup> 45	23 <sup>0</sup> 0	18 <sup>29</sup> 29	10 <sup>24</sup> 24	14 <sup>57</sup> 57	24 <sup>D40</sup> D40	26 <sup>10</sup> 10	8 <sup>1</sup> 1	14 <sup>15</sup> 15	T 21
F 22	8 6 10	1 <sup>46</sup> 22	14 <sup>31</sup> 31	20 <sup>4</sup> 4	10 <sup>10</sup> 10	9 <sup>37</sup> 37	4 <sup>59</sup> 59	22 <sup>58</sup> 58	18 <sup>30</sup> 30	10 <sup>25</sup> 25	14 <sup>56</sup> 56	24 <sup>41</sup> 41	26 <sup>7</sup> 7	8 <sup>8</sup> 8	14 <sup>19</sup> 19	F 22
S 23	8 10 7	2 <sup>47</sup> 29	27 <sup>21</sup> 21	20 <sup>30</sup> 30	11 <sup>25</sup> 25	10 <sup>21</sup> 21	5 <sup>12</sup> 12	22 <sup>56</sup> 56	18 <sup>32</sup> 32	10 <sup>26</sup> 26	14 <sup>54</sup> 54	24 <sup>R42</sup> R42	26 <sup>4</sup> 4	8 <sup>14</sup> 14	14 <sup>23</sup> 23	S 23
S 24	8 14 3	3 <sup>48</sup> 35	9 <sup>3</sup> 50	20 <sup>47</sup> 47	12 <sup>40</sup> 40	11 <sup>5</sup> 5	5 <sup>25</sup> 25	22 <sup>53</sup> 53	18 <sup>33</sup> 33	10 <sup>27</sup> 27	14 <sup>53</sup> 53	24 <sup>42</sup> 42	26 <sup>1</sup> 1	8 <sup>21</sup> 21	14 <sup>27</sup> 27	S 24
M 25	8 18 0	4 <sup>49</sup> 40	22 <sup>3</sup> 3	20 <sup>R53</sup> R53	13 <sup>55</sup> 55	11 <sup>49</sup> 49	5 <sup>39</sup> 39	22 <sup>51</sup> 51	18 <sup>35</sup> 35	10 <sup>28</sup> 28	14 <sup>52</sup> 52	24 <sup>40</sup> 40	25 <sup>58</sup> 58	8 <sup>28</sup> 28	14 <sup>31</sup> 31	M 25
T 26	8 21 56	5 <sup>50</sup> 45	4 <sup>11</sup> 5	20 <sup>47</sup> 47	15 <sup>10</sup> 10	12 <sup>34</sup> 34	5 <sup>52</sup> 52	22 <sup>49</sup> 49	18 <sup>36</sup> 36	10 <sup>30</sup> 30	14 <sup>50</sup> 50	24 <sup>36</sup> 36	25 <sup>54</sup> 54	8 <sup>35</sup> 35	14 <sup>35</sup> 35	T 26
W 27	8 25 53	6 <sup>51</sup> 50	16 <sup>0</sup> 0	20 <sup>29</sup> 29	16 <sup>25</sup> 25	13 <sup>18</sup> 18	6 <sup>6</sup> 6	22 <sup>46</sup> 46	18 <sup>38</sup> 38	10 <sup>31</sup> 31	14 <sup>49</sup> 49	24 <sup>30</sup> 30	25 <sup>51</sup> 51	8 <sup>41</sup> 41	14 <sup>38</sup> 38	W 27
T 28	8 29 49	7 <sup>52</sup> 53	27 <sup>51</sup> 51	20 <sup>0</sup> 0	17 <sup>40</sup> 40	14 <sup>2</sup> 2	6 <sup>19</sup> 19	22 <sup>43</sup> 43	18 <sup>39</sup> 39	10 <sup>32</sup> 32	14 <sup>48</sup> 48	24 <sup>22</sup> 22	25 <sup>48</sup> 48	8 <sup>48</sup> 48	14 <sup>42</sup> 42	T 28
F 29	8 33 46	8 <sup>53</sup> 56	9 <sup>53</sup> 43	19 <sup>19</sup> 19	18 <sup>55</sup> 55	14 <sup>47</sup> 47	6 <sup>33</sup> 33	22 <sup>41</sup> 41	18 <sup>41</sup> 41	10 <sup>33</sup> 33	14 <sup>46</sup> 46	24 <sup>13</sup> 13	25 <sup>45</sup> 45	8 <sup>55</sup> 55	14 <sup>45</sup> 45	F 29
S 30	8 37 43	9 <sup>54</sup> 59	21 <sup>37</sup> 37	18 <sup>28</sup> 28	20 <sup>10</sup> 10	15 <sup>31</sup> 31	6 <sup>46</sup> 46	22 <sup>38</sup> 38	18 <sup>42</sup> 42	10 <sup>35</sup> 35	14 <sup>45</sup> 45	24 <sup>4</sup> 4	25 <sup>42</sup> 42	9 <sup>1</sup> 1	14 <sup>49</sup> 49	S 30
S 31	8 41 39	10 <sup>56</sup> 00	3 <sup>0</sup> 35	17 <sup>28</sup> 28	21 <sup>3</sup> 25	16 <sup>3</sup> 15	7 <sup>11</sup> 0	22 <sup>35</sup> 35	18 <sup>44</sup> 44	10 <sup>36</sup> 36	14 <sup>0</sup> 44	23 <sup>55</sup> 55	25 <sup>39</sup> 39	9 <sup>8</sup> 8	14 <sup>52</sup> 52	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂			
-----	---	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	--	--

# ASTRODIENST EPHEMERIS for the year 2686

FEBRUARY 2686

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	8 45 36	11°57'01	15°38'	16°R21	22°340	17°0	7°14	22°R32	18°Y46	10°Y37	14°R42	23°R48	25°35	9°215	14°M55	M 1
T 2	8 49 32	12°58'02	27°48'	15°8	23°55	17°44	7°28	22°R29	18°48	10°39	14°R41	23°R43	25°32	9°22	14°58	T 2
W 3	8 53 29	13°59'02	10°6	13°51	25°10	18°29	7°41	22°26	18°50	10°40	14°39	23°40	25°29	9°28	15°1	W 3
T 4	8 57 25	15°0'01	22°34	12°34	26°25	19°13	7°55	22°22	18°51	10°42	14°38	23°D39	25°26	9°35	15°4	T 4
F 5	9 1 22	16°0'59	5°13	11°19	27°40	19°58	8°9	22°19	18°53	10°43	14°37	23°39	25°23	9°42	15°6	F 5
S 6	9 5 18	17°1'57	18°7	10°7	28°55	20°43	8°23	22°16	18°55	10°45	14°35	23°41	25°19	9°49	15°9	S 6
S 7	9 9 15	18°2'55	1°16	9°0	0°10	21°27	8°37	22°12	18°57	10°46	14°34	23°43	25°16	9°55	15°11	S 7
M 8	9 13 12	19°3'52	14°44	8°1	1°26	22°12	8°51	22°9	18°59	10°48	14°33	23°R44	25°13	10°2	15°14	M 8
T 9	9 17 8	20°4'49	28°33	7°8	2°41	22°57	9°5	22°5	19°1	10°49	14°31	23°43	25°10	10°9	15°16	T 9
W10	9 21 5	21°5'45	12°42	6°25	3°56	23°42	9°19	22°1	19°4	10°51	14°30	23°42	25°7	10°15	15°18	W10
T 11	9 25 1	22°6'40	27°11	5°50	5°11	24°26	9°33	21°57	19°6	10°52	14°29	23°38	25°4	10°22	15°20	T 11
F 12	9 28 58	23°7'35	11°56	5°23	6°26	25°11	9°48	21°54	19°8	10°54	14°27	23°34	25°0	10°29	15°22	F 12
S 13	9 32 54	24°8'29	26°50	5°6	7°41	25°56	10°2	21°50	19°10	10°56	14°26	23°30	24°57	10°36	15°24	S 13
S 14	9 36 51	25°9'22	11°46	4°56	8°56	26°41	10°16	21°46	19°13	10°58	14°25	23°26	24°54	10°42	15°25	S 14
M15	9 40 47	26°10'14	26°35	4°D55	10°11	27°26	10°30	21°42	19°15	10°59	14°23	23°22	24°51	10°49	15°27	M15
T 16	9 44 44	27°11'05	11°9	5°1	11°26	28°11	10°45	21°37	19°17	11°1	14°22	23°21	24°48	10°56	15°28	T 16
W17	9 48 41	28°11'54	25°22	5°14	12°41	28°56	10°59	21°33	19°20	11°3	14°21	23°D20	24°45	11°2	15°30	W17
T 18	9 52 37	29°12'43	9°Y	5°33	13°56	29°41	11°13	21°29	19°22	11°5	14°19	23°21	24°41	11°9	15°31	T 18
F 19	9 56 34	0°13'30	22°31	5°58	15°12	0°27	11°28	21°25	19°25	11°6	14°18	23°22	24°38	11°16	15°32	F 19
S 20	10 0 30	1°14'15	5°28	6°29	16°27	1°12	11°42	21°20	19°27	11°8	14°17	23°24	24°35	11°23	15°33	S 20
S 21	10 4 27	2°14'59	18°3	7°4	17°42	1°57	11°56	21°16	19°30	11°10	14°15	23°25	24°32	11°29	15°34	S 21
M22	10 8 23	3°15'42	0°11	7°44	18°57	2°42	12°11	21°12	19°32	11°12	14°14	23°R26	24°29	11°36	15°34	M22
T 23	10 12 20	4°16'23	12°25	8°29	20°12	3°27	12°25	21°7	19°35	11°14	14°13	23°26	24°25	11°43	15°35	T 23
W24	10 16 16	5°17'02	24°21	9°17	21°27	4°13	12°40	21°3	19°37	11°16	14°11	23°24	24°22	11°49	15°35	W24
T 25	10 20 13	6°17'40	6°13	10°9	22°42	4°58	12°54	20°58	19°40	11°18	14°10	23°23	24°19	11°56	15°36	T 25
F 26	10 24 10	7°18'16	18°5	11°4	23°57	5°43	13°8	20°53	19°43	11°20	14°9	23°20	24°16	12°3	15°36	F 26
S 27	10 28 6	8°18'51	0°0	12°1	25°12	6°29	13°23	20°49	19°46	11°22	14°8	23°18	24°13	12°10	15°36	S 27
S 28	10 32 3	9°19'24	12°0	13°2	26°27	7°14	13°37	20°44	19°Y48	11°Y24	14°0	23°15	24°10	12°16	15°R36	S 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
M 1	17s 9	13n 2	3s 11	13s 1	3n 0	21s 32	0s 5	22s 58	0s 42	9s 38	0s 53	4n 49	2n 1	6n 44	0s 38	2n 57
T 2	16 51	10 4	2 16	13 11	3 12	21 22	0 8	22 52	0 42	9 33	0 53	4 50	2 2	6 45	0 38	2 58
W 3	16 34	6 37	1 13	13 24	3 21	21 11	0 10	22 47	0 43	9 28	0 53	4 52	2 2	6 46	0 38	2 59
T 4	16 16	2 51	0 6	13 39	3 28	21 0	0 13	22 41	0 43	9 23	0 53	4 53	2 2	6 46	0 38	2 59
F 5	15 59	1s 6	1n 3	13 55	3 32	20 48	0 15	22 36	0 44	9 18	0 53	4 55	2 2	6 47	0 38	3 0
S 6	15 40	5 5	2 9	14 13	3 34	20 35	0 18	22 30	0 45	9 13	0 53	4 56	2 2	6 48	0 38	3 0
S 7	15 22	8 53	3 11	14 31	3 33	20 22	0 20	22 23	0 45	9 7	0 53	4 58	2 3	6 49	0 38	3 1
M 8	15 3	12 19	4 3	14 49	3 30	20 8	0 23	22 17	0 46	9 2	0 53	4 59	2 3	6 49	0 38	3 2
T 9	14 44	15 9	4 43	15 6	3 25	19 54	0 25	22 10	0 46	8 57	0 53	5 1	2 3	6 50	0 38	3 2
W10	14 25	17 10	5 7	15 23	3 19	19 39	0 28	22 3	0 47	8 52	0 53	5 2	2 3	6 51	0 38	3 3
T 11	14 5	18 7	5 12	15 39	3 11	19 23	0 30	21 56	0 47	8 46	0 53	5 4	2 3	6 52	0 38	3 4
F 12	13 45	17 53	4 57	15 55	3 2	19 7	0 32	21 48	0 48	8 41	0 53	5 6	2 4	6 53	0 38	3 4
S 13	13 25	16 26	4 21	16 8	2 52	18 50	0 35	21 41	0 49	8 36	0 53	5 8	2 4	6 54	0 38	3 5
S 14	13 5	13 51	3 28	16 21	2 41	18 33	0 37	21 33	0 49	8 30	0 53	5 9	2 4	6 55	0 38	3 6
M15	12 45	10 23	2 22	16 32	2 30	18 15	0 39	21 24	0 50	8 25	0 53	5 11	2 4	6 55	0 38	3 6
T 16	12 24	6 20	1 6	16 42	2 18	17 57	0 41	21 16	0 50	8 20	0 53	5 13	2 4	6 56	0 38	3 7
W17	12 3	2 0	0s 11	16 51	2 6	17 38	0 44	21 7	0 51	8 14	0 53	5 15	2 4	6 57	0 38	3 8
T 18	11 42	2n 18	1 26	16 58	1 55	17 19	0 46	20 59	0 52	8 9	0 53	5 16	2 5	6 58	0 38	3 9
F 19	11 21	6 21	2 34	17 3	1 43	16 59	0 48	20 50	0 52	8 3	0 53	5 18	2 5	6 59	0 38	3 9
S 20	11 0	9 58	3 32	17 7	1 31	16 38	0 50	20 40	0 53	7 58	0 53	5 20	2 5	7 0	0 38	3 10
S 21	10 38	13 1	4 17	17 10	1 19	16 18	0 52	20 31	0 53	7 52	0 53	5 22	2 5	7 1	0 38	3 11
M22	10 16	15 25	4 50	17 11	1 7	15 56	0 54	20 21	0 54	7 47	0 53	5 24	2 5	7 2	0 38	3 11
T 23	9 54	17 5	5 10	17 11	0 56	15 35	0 56	20 11	0 54	7 42	0 53	5 26	2 5	7 3	0 38	3 12
W24	9 32	17 59	5 15	17 9	0 44	15 12	0 58	20 1	0 55	7 36	0 53	5 28	2 6	7 4	0 37	3 13
T 25	9 10	18 5	5 8	17 6	0 34	14 50	0 59	19 51	0 55	7 31	0 53	5 30	2 6	7 5	0 37	3 14
F 26	8 48	17 24	4 47	17 1	0 23	14 27	1 1	19 40	0 56	7 25	0 53	5 32	2 6	7 6	0 37	3 15
S 27	8 25	15 57	4 13	16 55	0 12	14 4	1 3	19 30	0 57	7 20	0 53	5 34	2 6	7 7	0 37	3 15
S 28	8s 3	13n 47	3s 28	16s 48	0n 2	13s 40	1s 4	19s 19	0s 57	7s 14	0s 53	5n 35	2n 6	7n 8	0s 37	3n 16

Julian Day Number = 2702132.5, Delta T = 26m12s  
 Ecliptic obliquity = 23°20'51, Nutation = 0°00'00  
 Ayanamsha: Fagan/Bradley = 34°20'18, Lahiri = 33°27'18



# ASTRODIENST EPHEMERIS for the year 2686

APRIL 2686

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 38 12	11°22'47	10°54	29°42	6°24	1°40	21°17	18°R14	21°29	12°33	13°R36	23°R15	22°28	15°51	14°R39	T 1
F 2	12 42 9	12°22'21	24°19	1°30	7°38	2°27	21°31	18°10	21°32	12°36	13°35	23°13	22°25	15°58	14°35	F 2
S 3	12 46 5	13°21'53	8°10	3°20	8°53	3°13	21°45	18° 6	21°36	12°38	13°35	23°11	22°22	16° 5	14°32	S 3
S 4	12 50 2	14°21'24	21°53	5°11	10° 8	3°59	21°59	18° 2	21°39	12°40	13°34	23° 8	22°18	16°11	14°28	S 4
M 5	12 53 59	15°20'53	5°56	7° 3	11°22	4°45	22°13	17°58	21°43	12°42	13°34	23° 5	22°15	16°18	14°25	M 5
T 6	12 57 55	16°20'20	20° 5	8°56	12°37	5°31	22°27	17°54	21°46	12°45	13°33	23° 2	22°12	16°25	14°21	T 6
W 7	13 1 52	17°19'45	4°31	10°51	13°51	6°17	22°41	17°50	21°49	12°47	13°33	23° 1	22° 9	16°31	14°17	W 7
T 8	13 5 48	18°19'09	18°30	12°47	15° 6	7° 4	22°55	17°46	21°53	12°49	13°32	23°D 0	22° 6	16°38	14°13	T 8
F 9	13 9 45	19°18'31	2°40	14°44	16°21	7°50	23° 8	17°42	21°56	12°51	13°32	23° 1	22° 2	16°45	14°10	F 9
S 10	13 13 41	20°17'52	16°46	16°43	17°35	8°36	23°22	17°39	22° 0	12°54	13°31	23° 2	21°59	16°52	14° 6	S 10
S 11	13 17 38	21°17'10	0°47	18°42	18°50	9°22	23°36	17°35	22° 3	12°56	13°31	23° 3	21°56	16°58	14° 2	S 11
M12	13 21 34	22°16'27	14°40	20°43	20° 4	10° 9	23°49	17°32	22° 6	12°58	13°31	23° 5	21°53	17° 5	13°58	M12
T 13	13 25 31	23°15'42	28°24	22°45	21°19	10°55	24° 3	17°28	22°10	13° 0	13°30	23°R 5	21°50	17°12	13°53	T 13
W14	13 29 27	24°14'55	11°57	24°47	22°33	11°41	24°16	17°25	22°13	13° 3	13°30	23° 3	21°47	17°18	13°49	W14
T 15	13 33 24	25°14'06	25°17	26°51	23°48	12°27	24°30	17°21	22°17	13° 5	13°30	23° 0	21°43	17°25	13°45	T 15
F 16	13 37 21	26°13'15	8°22	28°55	25° 2	13°14	24°43	17°18	22°20	13° 7	13°29	22°56	21°40	17°32	13°41	F 16
S 17	13 41 17	27°12'22	21°11	1° 0	26°17	14° 0	24°57	17°15	22°24	13° 9	13°29	22°50	21°37	17°38	13°36	S 17
S 18	13 45 14	28°11'27	3°14	3° 5	27°31	14°46	25°10	17°12	22°27	13°12	13°29	22°44	21°34	17°45	13°32	S 18
M19	13 49 10	29°10'30	16° 4	5° 9	28°46	15°32	25°23	17° 9	22°30	13°14	13°29	22°38	21°31	17°52	13°28	M19
T 20	13 53 7	0° 9'30	28°11	7°14	0° 0	16°19	25°37	17° 6	22°34	13°16	13°29	22°33	21°28	17°59	13°23	T 20
W21	13 57 3	1° 8'29	10° 9	9°18	1°15	17° 5	25°50	17° 3	22°37	13°18	13°28	22°29	21°24	18° 5	13°19	W21
T 22	14 1 0	2° 7'25	22° 1	11°22	2°29	17°51	26° 3	17° 1	22°41	13°20	13°28	22°26	21°21	18°12	13°14	T 22
F 23	14 4 56	3° 6'19	3°13	13°24	3°43	18°37	26°16	16°58	22°44	13°23	13°28	22°D26	21°18	18°19	13°10	F 23
S 24	14 8 53	4° 5'10	15°49	15°24	4°58	19°24	26°29	16°56	22°47	13°25	13°28	22°27	21°15	18°25	13° 5	S 24
S 25	14 12 50	5° 4'00	27°54	17°23	6°12	20°10	26°42	16°53	22°51	13°27	13°28	22°28	21°12	18°32	13° 1	S 25
M26	14 16 46	6° 2'47	10°13	19°20	7°26	20°56	26°55	16°51	22°54	13°29	13°D28	22°29	21° 8	18°39	12°56	M26
T 27	14 20 43	7° 1'32	22°51	21°14	8°41	21°42	27° 7	16°49	22°57	13°31	13°28	22°R30	21° 5	18°46	12°52	T 27
W28	14 24 39	8° 0'15	5°11	23° 5	9°55	22°29	27°20	16°46	23° 1	13°33	13°28	22°29	21° 2	18°52	12°47	W28
T 29	14 28 36	8°58'56	19°13	24°53	11° 9	23°15	27°33	16°44	23° 4	13°35	13°28	22°26	20°59	18°59	12°42	T 29
F 30	14 32 32	9°57'34	2°15	26°37	12°23	24°11	27°45	16°42	23° 7	13°38	13°28	22°21	20°56	19°56	12°38	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	4n29	2s50	1n36	2s 6	2s 9	1n13	1s26	11s58	1s13	4s18	0s55	6n35	2n 7	7n47	0s37	3n43
F 2	4 52	6 52	2 43	1 20	2 7	1 42	1 26	11 42	1 13	4 12	0 56	6 37	2 7	7 48	0 37	3 44
S 3	5 15	10 37	3 42	0 34	2 3	2 12	1 25	11 26	1 13	4 7	0 56	6 39	2 7	7 49	0 37	3 45
S 4	5 38	13 50	4 29	0n13	1 59	2 42	1 25	11 9	1 14	4 1	0 56	6 40	2 7	7 50	0 37	3 46
M 5	6 1	16 17	5 1	1 1	1 55	3 11	1 24	10 53	1 14	3 56	0 56	6 42	2 7	7 52	0 37	3 47
T 6	6 24	17 46	5 14	1 50	1 50	3 41	1 23	10 36	1 15	3 51	0 56	6 43	2 7	7 53	0 37	3 48
W 7	6 47	18 9	5 8	2 40	1 45	4 10	1 23	10 20	1 15	3 45	0 56	6 45	2 7	7 54	0 37	3 49
T 8	7 9	17 23	4 44	3 30	1 39	4 40	1 22	10 3	1 15	3 40	0 56	6 46	2 7	7 55	0 37	3 50
F 9	7 32	15 33	4 2	4 22	1 33	5 9	1 21	9 46	1 16	3 35	0 56	6 47	2 7	7 57	0 37	3 50
S 10	7 54	12 47	3 6	5 13	1 26	5 38	1 20	9 29	1 16	3 29	0 56	6 49	2 7	7 58	0 37	3 51
S 11	8 16	9 18	1 59	6 5	1 18	6 7	1 19	9 12	1 16	3 24	0 57	6 50	2 7	7 59	0 37	3 52
M12	8 38	5 18	0 46	6 58	1 11	6 36	1 18	8 55	1 17	3 19	0 57	6 51	2 7	8 1	0 37	3 53
T 13	9 0	1 5	0s29	7 51	1 2	7 5	1 17	8 38	1 17	3 13	0 57	6 53	2 7	8 2	0 37	3 54
W14	9 22	3n 9	1 41	8 44	0 54	7 34	1 16	8 21	1 17	3 8	0 57	6 54	2 7	8 3	0 37	3 55
T 15	9 44	7 9	2 47	9 37	0 44	8 2	1 15	8 3	1 18	3 3	0 57	6 55	2 7	8 4	0 37	3 56
F 16	10 5	10 44	3 42	10 30	0 35	8 30	1 14	7 46	1 18	2 58	0 57	6 56	2 6	8 6	0 37	3 56
S 17	10 26	13 43	4 25	11 23	0 25	8 59	1 13	7 29	1 18	2 53	0 57	6 57	2 6	8 7	0 37	3 57
S 18	10 47	16 0	4 54	12 16	0 14	9 26	1 11	7 11	1 19	2 48	0 57	6 59	2 6	8 8	0 37	3 58
M19	11 8	17 30	5 9	13 8	0 4	9 54	1 10	6 54	1 19	2 42	0 58	7 0	2 6	8 9	0 37	3 59
T 20	11 29	18 11	5 9	13 59	0n 7	10 22	1 9	6 36	1 19	2 37	0 58	7 1	2 6	8 11	0 37	4 0
W21	11 50	18 2	4 56	14 50	0 18	10 49	1 7	6 18	1 19	2 32	0 58	7 2	2 6	8 12	0 37	4 1
T 22	12 10	17 6	4 31	15 39	0 29	11 16	1 6	6 0	1 20	2 27	0 58	7 3	2 6	8 13	0 37	4 1
F 23	12 30	15 26	3 53	16 26	0 40	11 42	1 4	5 43	1 20	2 22	0 58	7 4	2 6	8 14	0 37	4 2
S 24	12 50	13 5	3 6	17 13	0 51	12 9	1 2	5 25	1 20	2 17	0 58	7 4	2 6	8 16	0 37	4 3
S 25	13 10	10 8	2 9	17 57	1 2	12 35	1 1	5 7	1 20	2 12	0 58	7 5	2 6	8 17	0 37	4 4
M26	13 29	6 41	1 6	18 40	1 13	13 1	0 59	4 49	1 21	2 7	0 59	7 6	2 5	8 18	0 37	4 5
T 27	13 48	2 51	0n 2	19 20	1 23	13 26	0 57	4 31	1 21	2 2	0 59	7 7	2 5	8 19	0 37	4 5
W28	14 7	1s13	1 12	19 59	1 33	13 51	0 55	4 13	1 21	1 57	0 59	7 8	2 5	8 21	0 37	4 6
T 29	14 26	5 21	2 19	20 35	1 43	14 16	0 54	3 55	1 21	1 53	0 59	7 8	2 5	8 22	0 37	4 7
F 30	14n45	9s19	3n21	21n 8	1n52	14n41	0s52	3s37	1s22	1s48	0s59	7n 9	2n 5	8n23	0s37	4n 8

Julian Day Number = 2702191.5, Delta T = 26m12s  
 Ecliptic obliquity = 23°20'52, Nutation = - 0°00'03  
 Ayanamsha: Fagan/Bradley = 34°20'26, Lahiri = 33°27'26

## ASTRODIENST EPHEMERIS for the year 2686

MAY 2686

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 36 29	10♌56'11	17♍ 5	28♌18	13♌38	24♌47	27♌58	16°R41	23♌11	13♌40	13♌28	22°R15	20♍53	19♌12	12°R33	S 1
S 2	14 40 25	11°54'46	1♌27	29°55	14°52	25°34	28°10	16♍39	23°14	13°42	13°29	22♍ 7	20°49	19°19	12♍28	S 2
M 3	14 44 22	12°53'19	15°58	1♍28	16° 6	26°20	28°22	16°37	23°17	13°44	13°29	21°59	20°46	19°26	12°24	M 3
T 4	14 48 19	13°51'51	0♌33	2°57	17°20	27° 6	28°35	16°36	23°21	13°46	13°29	21°52	20°43	19°32	12°19	T 4
W 5	14 52 15	14°50'21	15° 4	4°21	18°34	27°52	28°47	16°34	23°24	13°48	13°29	21°47	20°40	19°39	12°14	W 5
T 6	14 56 12	15°48'49	29°27	5°40	19°48	28°38	28°59	16°33	23°27	13°50	13°30	21°43	20°37	19°46	12°10	T 6
F 7	15 0 8	16°47'16	13♌38	6°55	21° 2	29°24	29°11	16°32	23°30	13°52	13°30	21°D42	20°33	19°53	12° 5	F 7
S 8	15 4 5	17°45'41	27°36	8° 5	22°17	0♌11	29°23	16°31	23°34	13°54	13°30	21°42	20°30	19°59	12° 1	S 8
S 9	15 8 1	18°44'05	11♌22	9°10	23°31	0°57	29°35	16°29	23°37	13°56	13°30	21°43	20°27	20° 6	11°56	S 9
M10	15 11 58	19°42'27	24°54	10°10	24°45	1°43	29°47	16°29	23°40	13°58	13°31	21°R44	20°24	20°13	11°51	M10
T 11	15 15 54	20°40'48	8♌14	11° 6	25°59	2°29	29°58	16°28	23°43	14° 0	13°31	21°42	20°21	20°19	11°47	T 11
W12	15 19 51	21°39'07	21°23	11°56	27°13	3°15	0♌10	16°27	23°46	14° 2	13°32	21°39	20°18	20°26	11°42	W12
T 13	15 23 48	22°37'24	4♌20	12°41	28°27	4° 1	0°21	16°26	23°49	14° 3	13°32	21°32	20°14	20°33	11°38	T 13
F 14	15 27 44	23°35'40	17° 6	13°20	29°41	4°47	0°33	16°26	23°52	14° 5	13°32	21°24	20°11	20°40	11°33	F 14
S 15	15 31 41	24°33'54	29°40	13°55	0♍55	5°33	0°44	16°25	23°55	14° 7	13°33	21°13	20° 8	20°46	11°29	S 15
S 16	15 35 37	25°32'07	12♍ 4	14°24	2° 9	6°19	0°55	16°25	23°58	14° 9	13°33	21° 1	20° 5	20°53	11°24	S 16
M17	15 39 34	26°30'17	24°16	14°48	3°23	7° 5	1° 7	16°25	24° 2	14°11	13°34	20°50	20° 2	21° 0	11°20	M17
T 18	15 43 30	27°28'26	6♌18	15° 6	4°37	7°51	1°18	16°D25	24° 5	14°13	13°35	20°39	19°59	21° 6	11°16	T 18
W19	15 47 27	28°26'33	18°14	15°20	5°51	8°37	1°29	16°25	24° 7	14°14	13°35	20°30	19°55	21°13	11°11	W19
T 20	15 51 23	29°24'39	0♌ 4	15°28	7° 5	9°23	1°39	16°25	24°10	14°16	13°36	20°24	19°52	21°20	11° 7	T 20
F 21	15 55 20	0♍22'42	11°54	15°R30	8°19	10° 9	1°50	16°25	24°13	14°18	13°36	20°20	19°49	21°26	11° 3	F 21
S 22	15 59 17	1°20'44	23°48	15°28	9°33	10°55	2° 1	16°26	24°16	14°19	13°37	20°18	19°46	21°33	10°59	S 22
S 23	16 3 13	2°18'43	5♍52	15°21	10°46	11°41	2°11	16°26	24°19	14°21	13°38	20°D18	19°43	21°40	10°55	S 23
M24	16 7 10	3°16'41	18° 9	15°10	12° 0	12°26	2°22	16°27	24°22	14°23	13°38	20°R18	19°39	21°47	10°51	M24
T 25	16 11 6	4°14'37	0♌46	14°54	13°14	13°12	2°32	16°27	24°25	14°24	13°39	20°18	19°36	21°53	10°47	T 25
W26	16 15 3	5°12'32	13°47	14°34	14°28	13°58	2°42	16°28	24°28	14°26	13°40	20°16	19°33	22° 0	10°43	W26
T 27	16 18 59	6°10'24	27°15	14°11	15°42	14°44	2°52	16°29	24°30	14°28	13°41	20°12	19°30	22° 7	10°39	T 27
F 28	16 22 56	7° 8'15	11♍11	13°44	16°55	15°29	3° 2	16°30	24°33	14°29	13°42	20° 5	19°27	22°13	10°35	F 28
S 29	16 26 52	8° 6'05	25°33	13°15	18° 9	16°15	3°12	16°31	24°36	14°31	13°42	19°56	19°24	22°20	10°31	S 29
S 30	16 30 49	9° 3'53	10♌15	12°43	19°23	17° 1	3°22	16°32	24°38	14°32	13°43	19°45	19°20	22°27	10°27	S 30
M31	16 34 46	10♍ 1'39	25♌11	12♍10	20♍37	17♌46	3♌32	16♍33	24♌41	14♌34	13♌44	19♍34	19♍17	22♌33	10♍24	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	15n 3	12s51	4n11	21n40	2n 0	15n 5	0s50	3s19	1s22	1s43	0s59	7n 9	2n 5	8n24	0s37	4n 9	1s20	21n12	4n41	3n 4	3n36	17n29	14s 1	1n36			
S 2	15 21	15 41	4 47	22 8	2 8	15 28	0 48	3 1	1 22	1 38	0 59	7 10	2 5	8 26	0 37	4 9	1 20	21 11	4 41	3 7	3 37	17 29	13 59	1 36			
M 3	15 39	17 33	5 5	22 35	2 15	15 52	0 46	2 43	1 22	1 33	1 0	7 10	2 5	8 27	0 37	4 10	1 20	21 11	4 40	3 10	3 39	17 28	13 58	1 37			
T 4	15 56	18 18	5 3	22 58	2 21	16 15	0 44	2 25	1 22	1 29	1 0	7 11	2 4	8 28	0 37	4 11	1 20	21 11	4 40	3 13	3 40	17 28	13 56	1 37			
W 5	16 14	17 50	4 42	23 20	2 27	16 37	0 42	2 6	1 23	1 24	1 0	7 11	2 4	8 29	0 37	4 12	1 20	21 11	4 40	3 15	3 41	17 27	13 54	1 37			
T 6	16 31	16 14	4 3	23 39	2 31	16 59	0 40	1 48	1 23	1 19	1 0	7 12	2 4	8 30	0 37	4 12	1 20	21 11	4 40	3 16	3 42	17 27	13 53	1 38			
F 7	16 47	13 38	3 10	23 55	2 35	17 21	0 37	1 30	1 23	1 15	1 0	7 12	2 4	8 31	0 37	4 13	1 20	21 11	4 40	3 17	3 44	17 26	13 51	1 38			
S 8	17 4	10 17	2 6	24 9	2 37	17 42	0 35	1 12	1 23	1 10	1 0	7 12	2 4	8 33	0 37	4 14	1 20	21 11	4 40	3 17	3 45	17 26	13 49	1 38			
S 9	17 20	6 25	0 55	24 21	2 39	18 3	0 33	0 54	1 23	1 6	1 1	7 13	2 4	8 34	0 37	4 15	1 20	21 11	4 40	3 16	3 46	17 25	13 47	1 39			
M10	17 36	2 17	0s17	24 31	2 39	18 23	0 31	0 36	1 23	1 1	1 1	7 13	2 4	8 35	0 37	4 15	1 20	21 10	4 40	3 16	3 47	17 25	13 46	1 39			
T 11	17 51	1n55	1 27	24 38	2 39	18 43	0 29	0 17	1 23	0 57	1 1	7 13	2 3	8 36	0 37	4 16	1 20	21 10	4 40	3 17	3 49	17 24	13 44	1 39			
W12	18 6	5 58	2 31	24 44	2 37	19 2	0 26	0n 1	1 23	0 52	1 1	7 13	2 3	8 37	0 37	4 17	1 20	21 10	4 40	3 18	3 50	17 24	13 42	1 40			
T 13	18 21	9 40	3 27	24 47	2 35	19 21	0 24	0 19	1 24	0 48	1 1	7 13	2 3	8 38	0 37	4 17	1 20	21 10	4 40	3 21	3 51	17 23	13 41	1 40			
F 14	18 36	12 52	4 11	24 48	2 31	19 39	0 22	0 37	1 24	0 43	1 1	7 13	2 3	8 40	0 37	4 18	1 20	21 10	4 40	3 24	3 52	17 23	13 39	1 40			
S 15	18 50	15 25	4 42	24 48	2 26	19 57	0 19	0 55	1 24	0 39	1 2	7 13	2 3	8 41	0 37	4 19	1 20	21 9	4 40	3 28	3 54	17 22	13 37	1 41			
S 16	19 4	17 13	4 59	24 45	2 20	20 14	0 17	1 13	1 24	0 35	1 2	7 13	2 3	8 42	0 37	4 20	1 20	21 9	4 40	3 33	3 55	17 22	13 36	1 41			
M17	19 18	18 12	5 2	24 41	2 13	20 31	0 15	1 31	1 24	0 31	1 2	7 13	2 2	8 43	0 37	4 20	1 20	21 9	4 40	3 37	3 56	17 21	13 34	1 41			
T 18	19 31	18 21	4 52	24 35	2 4	20 47	0 12	1 49	1 24	0 26	1 2	7 13	2 2	8 44	0 37	4 21	1 20	21 9	4 40	3 42	3 57	17 21	13 32	1 42			
W19	19 44	17 41	4 28	24 27	1 55	21 2	0 10	2 7	1 24	0 22	1 2	7 13	2 2	8 45	0 37	4 21	1 20	21 9	4 40	3 45	3 59	17 20	13 31	1 42			
T 20	19 57	16 15	3 54	24 17	1 44	21 17	0 8	2 25	1 24	0 18	1 3	7 13	2 2	8 46	0 37	4 22	1 20	21 8	4 40	3 47	4 0	17 19	13 29	1 42			
F 21	20 9	14 7	3 9	24 6	1 33	21 31	0 5	2 43	1 24	0 14	1 3	7 13	2 2	8 47	0 37	4 23	1 20	21 8	4 40	3 49	4 1	17 19	13 28	1 42			
S 22	20 21	11 24	2 16	23 53	1 20	21 45	0 3	3 1	1 24	0 10	1 3	7 12	2 2	8 48	0 37	4 23	1 20	21 8	4 39	3 50	4 2	17 18	13 26	1 43			
S 23	20 33	8 9	1 16	23 39	1 6	21 58	0 0	3 19	1 24	0 6	1 3	7 12	2 2	8 49	0 37	4 24	1 21	21 8	4 39	3 50	4 4	17 18	13 25	1 43			
M24	20 44	4 30	0 11	23 23	0 52	22 11	0n 2	3 37	1 24	0 2	1 3	7 12	2 1	8 50	0 37	4 25	1 21	21 7	4 39	3 50	4 5	17 17	13 23	1 43			
T 25	20 55	0 32	0n55	23 6	0 36	22 23	0 5	3 54	1 24	0n 2	1 4	7 11	2 1	8 51	0 37	4 25	1 21	21 7	4 39	3 50	4 6	17 17	13 22	1 44			
W26	21 5	3s33	2 1	22 47	0 20	22 34	0 7	4 12	1 24	0 6	1 4	7 11	2 1	8 52	0 37	4 26	1 21	21 7	4 39	3 51	4 7	17 16	13 20	1 44			
T 27	21 15	7 37	3 2	22 28	0 3	22 44	0 9	4 30	1 24	0 9	1 4	7 10	2 1	8 53	0 37	4 26	1 21	21 7	4 39	3 52	4 9	17 15	13 19	1 44			
F 28	21 25	11 24	3 55	22 8	0s14	22 54	0 12	4 47	1 24	0 13	1 4	7 10	2 1	8 54	0 37	4 27	1 21	21 6	4 39	3 55	4 10	17 15	13 17	1 44			
S 29	21 34	14 38	4 34	21 47	0 31	23 4	0 14	5 5	1 24	0 17	1 4	7 9	2 1	8 55	0 37	4 27	1 21	21 6	4 39	3 58	4 11	17 14	13 16	1 45			
S 30	21 43	17 0	4 57	21 25	0 49	23 12	0 17	5 22	1 24	0 21	1 5	7 9	2 0	8 56	0 37	4 28	1 21	21 6	4 39	4 3	4 12	17 14	13 14	1 45			
M31	21n52	18s16	4n59	21n 4	1s 7	23n20	0n19	5n39	1s24	0n24	1s 5	7n 8	2n 0	8n57	0s37	4n28	1s21	21n 6	4n39	4n 7	4n13	17n13	13s13	1n45			

# ASTRODIENST EPHEMERIS for the year 2686

JUNE 2686

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 38 42	10 <sup>II</sup> 59°25	10 <sup>III</sup> 11	11°R36	21 <sup>II</sup> 50	18 <sup>Y</sup> 32	3 <sup>Y</sup> 41	16 <sup>III</sup> 35	24 <sup>Y</sup> 44	14 <sup>Y</sup> 35	13 <sup>II</sup> 45	19°R24	19 <sup>III</sup> 14	22 <sup>II</sup> 40	10°R20	T 1
W 2	16 42 39	11°57°09	25° 5	11 <sup>II</sup> 1	23° 4	19°17	3°51	16°36	24°46	14°37	13°46	19 <sup>III</sup> 16	19°11	22°47	10 <sup>III</sup> 17	W 2
T 3	16 46 35	12°54°52	9 <sup>III</sup> 45	10°27	24°18	20° 3	4° 0	16°38	24°49	14°38	13°47	19°11	19° 8	22°54	10°13	T 3
F 4	16 50 32	13°52°34	24° 8	9°54	25°31	20°48	4° 9	16°40	24°51	14°39	13°48	19° 8	19° 5	23° 0	10°10	F 4
S 5	16 54 28	14°50°15	8 <sup>III</sup> 10	9°21	26°45	21°34	4°18	16°41	24°54	14°41	13°49	19° 7	19° 1	23° 7	10° 7	S 5
S 6	16 58 25	15°47°55	21°52	8°51	27°59	22°19	4°27	16°43	24°56	14°42	13°50	19° 7	18°58	23°14	10° 4	S 6
M 7	17 2 21	16°45°35	5 <sup>Y</sup> 15	8°23	29°12	23° 4	4°36	16°45	24°59	14°43	13°51	19° 7	18°55	23°20	10° 1	M 7
T 8	17 6 18	17°43°13	18°21	7°58	0 <sup>III</sup> 26	23°50	4°44	16°47	25° 1	14°45	13°52	19° 5	18°52	23°27	9°58	T 8
W 9	17 10 15	18°40°50	1 <sup>III</sup> 13	7°36	1°40	24°35	4°53	16°50	25° 4	14°46	13°53	19° 0	18°49	23°34	9°55	W 9
T 10	17 14 11	19°38°27	13°52	7°18	2°53	25°20	5° 1	16°52	25° 6	14°47	13°54	18°53	18°45	23°40	9°52	T 10
F 11	17 18 8	20°36°02	26°21	7° 4	4° 7	26° 5	5° 9	16°54	25° 8	14°48	13°55	18°42	18°42	23°47	9°49	F 11
S 12	17 22 4	21°33°37	8 <sup>II</sup> 40	6°53	5°20	26°50	5°18	16°57	25°10	14°49	13°56	18°30	18°39	23°54	9°46	S 12
S 13	17 26 1	22°31°10	20°51	6°47	6°34	27°36	5°25	16°59	25°13	14°51	13°57	18°16	18°36	24° 1	9°44	S 13
M14	17 29 57	23°28°43	2 <sup>III</sup> 54	6°D45	7°48	28°21	5°33	17° 2	25°15	14°52	13°59	18° 3	18°33	24° 7	9°41	M14
T 15	17 33 54	24°26°15	14°51	6°48	9° 1	29° 6	5°41	17° 5	25°17	14°53	14° 0	17°50	18°30	24°14	9°39	T 15
W16	17 37 50	25°23°45	26°42	6°55	10°15	29°50	5°49	17° 8	25°19	14°54	14° 1	17°39	18°26	24°21	9°37	W16
T 17	17 41 47	26°21°14	8 <sup>II</sup> 31	7° 7	11°28	0 <sup>III</sup> 35	5°56	17°11	25°21	14°55	14° 2	17°31	18°23	24°27	9°35	T 17
F 18	17 45 44	27°18°43	20°20	7°23	12°42	1°20	6° 3	17°14	25°23	14°56	14° 3	17°26	18°20	24°34	9°32	F 18
S 19	17 49 40	28°16°10	2 <sup>III</sup> 14	7°43	13°55	2° 5	6°10	17°17	25°25	14°57	14° 5	17°24	18°17	24°41	9°30	S 19
S 20	17 53 37	29°13°36	14°16	8° 8	15° 8	2°50	6°17	17°20	25°27	14°58	14° 6	17°D23	18°14	24°47	9°29	S 20
M21	17 57 33	0 <sup>III</sup> 11°01	26°31	8°37	16°22	3°34	6°24	17°24	25°29	14°59	14° 7	17°R23	18°11	24°54	9°27	M21
T 22	18 1 30	1° 8°25	9 <sup>II</sup> 5	9°11	17°35	4°19	6°31	17°27	25°31	14°59	14° 8	17°23	18° 7	25° 1	9°25	T 22
W23	18 5 26	2° 5°47	22° 3	9°49	18°49	5° 3	6°37	17°30	25°32	15° 0	14°10	17°21	18° 4	25° 7	9°24	W23
T 24	18 9 23	3° 3°09	5 <sup>III</sup> 29	10°30	20° 2	5°48	6°43	17°34	25°34	15° 1	14°11	17°18	18° 1	25°14	9°22	T 24
F 25	18 13 19	4° 0°30	19°24	11°16	21°15	6°32	6°50	17°38	25°36	15° 2	14°12	17°12	17°58	25°21	9°21	F 25
S 26	18 17 16	4°57°50	3 <sup>III</sup> 49	12° 6	22°29	7°17	6°56	17°42	25°38	15° 3	14°14	17° 4	17°55	25°28	9°19	S 26
S 27	18 21 13	5°55°09	18°38	13° 0	23°42	8° 1	7° 1	17°45	25°39	15° 3	14°15	16°54	17°51	25°34	9°18	S 27
M28	18 25 9	6°52°28	3 <sup>III</sup> 45	13°57	24°55	8°45	7° 7	17°49	25°41	15° 4	14°17	16°44	17°48	25°41	9°17	M28
T 29	18 29 6	7°49°46	19° 0	14°58	26° 9	9°29	7°13	17°53	25°42	15° 5	14°18	16°35	17°45	25°48	9°16	T 29
W30	18 33 2	8°47°04	4 <sup>III</sup> 11	16°II 3	27°52	10°II 14	7°Y18	17°II 57	25°Y44	15°Y 5	14°II 20	16°II 28	17°II 42	25°54	9°II 15	W30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	22n 0	18s17	4n42	20n42	1s24	23n27	0n22	5n57	1s24	0n28	1s 5	7n 7	2n 0	8n58	0s37	4n29
W 2	22 8	17 1	4 5	20 20	1 42	23 34	0 24	6 14	1 23	0 31	1 5	7 7	2 0	8 59	0 37	4 30
T 3	22 16	14 39	3 12	19 59	1 58	23 40	0 26	6 31	1 23	0 35	1 6	7 6	2 0	9 0	0 37	4 30
F 4	22 23	11 25	2 8	19 38	2 14	23 45	0 29	6 48	1 23	0 38	1 6	7 5	2 0	9 1	0 37	4 31
S 5	22 29	7 35	0 58	19 18	2 30	23 50	0 31	7 5	1 23	0 42	1 6	7 4	1 59	9 2	0 37	4 31
S 6	22 36	3 26	0s15	18 59	2 44	23 53	0 33	7 22	1 23	0 45	1 6	7 3	1 59	9 3	0 37	4 31
M 7	22 42	0n47	1 24	18 42	2 58	23 56	0 36	7 39	1 23	0 48	1 6	7 2	1 59	9 3	0 37	4 32
T 8	22 47	4 53	2 28	18 25	3 10	23 59	0 38	7 56	1 23	0 51	1 7	7 1	1 59	9 4	0 37	4 32
W 9	22 52	8 41	3 23	18 11	3 21	24 0	0 40	8 13	1 22	0 54	1 7	7 0	1 59	9 5	0 37	4 33
T 10	22 57	12 1	4 7	17 58	3 32	24 1	0 43	8 29	1 22	0 57	1 7	6 59	1 59	9 6	0 37	4 33
F 11	23 1	14 45	4 38	17 47	3 40	24 2	0 45	8 46	1 22	1 1	1 7	6 58	1 59	9 7	0 37	4 34
S 12	23 5	16 48	4 56	17 38	3 48	24 1	0 47	9 2	1 22	1 3	1 8	6 57	1 58	9 8	0 37	4 34
S 13	23 8	18 3	5 0	17 30	3 55	24 0	0 49	9 18	1 22	1 6	1 8	6 56	1 58	9 8	0 37	4 34
M14	23 11	18 29	4 50	17 25	4 0	23 58	0 51	9 34	1 21	1 9	1 8	6 55	1 58	9 9	0 37	4 35
T 15	23 14	18 5	4 28	17 21	4 4	23 56	0 53	9 51	1 21	1 12	1 8	6 54	1 58	9 10	0 37	4 35
W16	23 16	16 54	3 54	17 20	4 7	23 53	0 55	10 7	1 21	1 15	1 9	6 52	1 58	9 11	0 37	4 36
T 17	23 18	15 0	3 10	17 20	4 8	23 49	0 58	10 22	1 21	1 17	1 9	6 51	1 58	9 11	0 37	4 36
F 18	23 19	12 28	2 18	17 22	4 9	23 44	1 0	10 38	1 20	1 20	1 9	6 50	1 57	9 12	0 37	4 36
S 19	23 20	9 24	1 19	17 26	4 8	23 39	1 1	10 54	1 20	1 23	1 9	6 48	1 57	9 13	0 37	4 37
S 20	23 21	5 55	0 17	17 31	4 7	23 33	1 3	11 9	1 20	1 25	1 10	6 47	1 57	9 13	0 37	4 37
M21	23 21	2 7	0n48	17 38	4 5	23 26	1 5	11 25	1 20	1 28	1 10	6 46	1 57	9 14	0 37	4 37
T 22	23 21	1s52	1 53	17 46	4 1	23 18	1 7	11 40	1 19	1 30	1 10	6 44	1 57	9 15	0 37	4 37
W23	23 20	5 53	2 53	17 56	3 57	23 10	1 9	11 55	1 19	1 32	1 10	6 43	1 57	9 15	0 37	4 38
T 24	23 19	9 45	3 46	18 6	3 52	23 1	1 11	12 10	1 19	1 35	1 11	6 41	1 57	9 16	0 38	4 38
F 25	23 17	13 13	4 28	18 18	3 46	22 52	1 12	12 25	1 18	1 37	1 11	6 40	1 56	9 17	0 38	4 38
S 26	23 15	16 1	4 54	18 31	3 40	22 42	1 14	12 40	1 18	1 39	1 11	6 38	1 56	9 17	0 38	4 38
S 27	23 13	17 51	5 2	18 45	3 33	22 31	1 16	12 54	1 18	1 41	1 12	6 36	1 56	9 18	0 38	4 39
M28	23 10	18 29	4 49	19 0	3 25	22 20	1 17	13 9	1 17	1 43	1 12	6 35	1 56	9 18	0 38	4 39
T 29	23 7	17 47	4 16	19 15	3 16	22 8	1 19	13 23	1 17	1 45	1 12	6 33	1 56	9 19	0 38	4 39
W30	23n 3	15s50	3n24	19n31	3s 8	21n55	1n20	13n37	1s17	1n47	1s12	6n31	1n56	9n19	0s38	4n39

Julian Day Number = 2702252.5, Delta T = 26m13s  
 Ecliptic obliquity = 23°20'51", Nutation = - 0°00'04"  
 Ayanamsha: Fagan/Bradley = 34°20'34", Lahiri = 33°27'34"

## ASTRODIENST EPHEMERIS for the year 2686

JULY 2686

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 36 59	9°44'21"	19°59' 9	17°11'12"	28°35'35"	10°58'58"	7°23'23"	18°11' 2	25°47'45"	15°47' 6	14°21'21"	16°R23	17°11'39"	26°26' 1	9°R15	T 1
F 2	18 40 55	10°41'37"	3°47'47"	18°24'24"	29°49'49"	11°42'42"	7°28'28"	18°06' 6	25°47'47"	15°06' 6	14°22'22"	16°11'20"	17°36'36"	26°08' 8	9°M14	F 2
S 3	18 44 52	11°38'54"	18°01' 1	19°39'39"	1°12' 2	12°26'26"	7°33'33"	18°10'10"	25°48'48"	15°07' 7	14°24'24"	16°D20	17°32'32"	26°14'14"	9°13'13"	S 3
S 4	18 48 48	12°36'10"	1°49'49"	20°58'58"	2°15'15"	13°09'09"	7°38'38"	18°15'15"	25°50'50"	15°07' 7	14°25'25"	16°20'20"	17°29'29"	26°21'21"	9°13'13"	S 4
M 5	18 52 45	13°33'26"	15°13'13"	22°21'21"	3°28'28"	13°53'53"	7°42'42"	18°19'19"	25°51'51"	15°08' 8	14°27'27"	16°R20	17°26'26"	26°28'28"	9°13'13"	M 5
T 6	18 56 42	14°30'42"	28°15'15"	23°46'46"	4°41'41"	14°37'37"	7°46'46"	18°24'24"	25°52'52"	15°08' 8	14°28'28"	16°20'20"	17°23'23"	26°35'35"	9°12'12"	T 6
W 7	19 00 38	15°27'58"	10°59'59"	25°16'16"	5°55'55"	15°21'21"	7°51'51"	18°29'29"	25°53'53"	15°09' 9	14°30'30"	16°17'17"	17°20'20"	26°41'41"	9°D12	W 7
T 8	19 04 35	16°25'14"	23°28'28"	26°48'48"	7°08'08"	16°04'04"	7°54'54"	18°33'33"	25°54'54"	15°09' 9	14°31'31"	16°11'11"	17°17'17"	26°48'48"	9°12'12"	T 8
F 9	19 08 31	17°22'30"	5°11'45"	28°24'24"	8°21'21"	16°48'48"	7°58'58"	18°38'38"	25°56'56"	15°09' 9	14°33'33"	16°04'04"	17°13'13"	26°55'55"	9°12'12"	F 9
S 10	19 12 28	18°19'46"	17°53'53"	0°53' 3	9°34'34"	17°31'31"	8°02'02"	18°43'43"	25°57'57"	15°10'10"	14°35'35"	15°54'54"	17°10'10"	27°01'01"	9°13'13"	S 10
S 11	19 16 24	19°17'02"	29°54'54"	1°45'45"	10°47'47"	18°15'15"	8°05'05"	18°48'48"	25°58'58"	15°10'10"	14°36'36"	15°44'44"	17°07'07"	27°08'08"	9°13'13"	S 11
M12	19 20 21	20°14'18"	11°54'49"	3°31'31"	12°00'00"	18°58'58"	8°09'09"	18°53'53"	25°59'59"	15°10'10"	14°38'38"	15°33'33"	17°04'04"	27°15'15"	9°13'13"	M12
T13	19 24 18	21°11'34"	23°41'41"	5°19'19"	13°13'13"	19°41'41"	8°12'12"	18°58'58"	26°00'00"	15°10'10"	14°39'39"	15°24'24"	17°01'01"	27°21'21"	9°14'14"	T13
W14	19 28 14	22°08'49"	5°13'31"	7°10'10"	14°26'26"	20°24'24"	8°14'14"	19°03'03"	26°00'00"	15°10'10"	14°41'41"	15°16'16"	16°57'57"	27°28'28"	9°15'15"	W14
T15	19 32 11	23°06'05"	17°20'20"	9°05'05"	15°39'39"	21°07'07"	8°17'17"	19°09'09"	26°01'01"	15°10'10"	14°42'42"	15°10'10"	16°54'54"	27°35'35"	9°15'15"	T15
F16	19 36 07	24°03'20"	29°11'11"	11°01'01"	16°52'52"	21°50'50"	8°20'20"	19°14'14"	26°02'02"	15°11'11"	14°44'44"	15°06'06"	16°51'51"	27°41'41"	9°16'16"	F16
S17	19 40 04	25°03'35"	11°11'07"	13°00'00"	18°05'05"	22°33'33"	8°22'22"	19°19'19"	26°03'03"	15°11'11"	14°46'46"	15°D05	16°48'48"	27°48'48"	9°17'17"	S17
S18	19 44 00	25°57'50"	23°12'12"	15°02'02"	19°18'18"	23°16'16"	8°24'24"	19°25'25"	26°03'03"	15°R11	14°47'47"	15°05'05"	16°45'45"	27°55'55"	9°18'18"	S18
M19	19 47 57	26°55'04"	5°12'29"	17°05'05"	20°31'31"	23°59'59"	8°26'26"	19°30'30"	26°04'04"	15°11'11"	14°49'49"	15°06'06"	16°42'42"	28°01'01"	9°20'20"	M19
T20	19 51 53	27°52'19"	18°04'04"	19°10'10"	21°44'44"	24°42'42"	8°28'28"	19°36'36"	26°05'05"	15°11'11"	14°51'51"	15°07'07"	16°38'38"	28°08'08"	9°21'21"	T20
W21	19 55 50	28°49'33"	0°11'59"	21°16'16"	22°57'57"	25°24'24"	8°29'29"	19°41'41"	26°05'05"	15°10'10"	14°52'52"	15°R08	16°35'35"	28°15'15"	9°22'22"	W21
T22	19 59 46	29°46'47"	14°20'20"	23°24'24"	24°10'10"	26°07'07"	8°30'30"	19°47'47"	26°06'06"	15°10'10"	14°54'54"	15°07'07"	16°32'32"	28°22'22"	9°24'24"	T22
F23	20 03 43	0°14'40"	28°08'08"	25°32'32"	25°23'23"	26°49'49"	8°32'32"	19°53'53"	26°06'06"	15°10'10"	14°56'56"	15°04'04"	16°29'29"	28°28'28"	9°26'26"	F23
S24	20 07 40	1°41'15"	12°12'25"	27°41'41"	26°36'36"	27°31'31"	8°33'33"	19°59'59"	26°07'07"	15°10'10"	14°57'57"	14°59'59"	16°26'26"	28°35'35"	9°27'27"	S24
S25	20 11 36	2°38'29"	27°07'07"	29°51'51"	27°48'48"	28°13'13"	8°33'33"	20°05'05"	26°07'07"	15°10'10"	14°59'59"	14°54'54"	16°23'23"	28°42'42"	9°29'29"	S25
M26	20 15 33	3°35'43"	12°13'10"	2°10'00"	29°01'01"	28°56'56"	8°34'34"	20°11'11"	26°07'07"	15°10'10"	15°01'01"	14°48'48"	16°19'19"	28°48'48"	9°31'31"	M26
T27	20 19 29	4°32'58"	27°24'24"	4°09'09"	0°11'14"	29°38'38"	8°34'34"	20°17'17"	26°07'07"	15°09'09"	15°02'02"	14°42'42"	16°16'16"	28°55'55"	9°33'33"	T27
W28	20 23 26	5°30'12"	12°12'12"	6°17'17"	1°27'27"	0°11'20"	8°R34	20°23'23"	26°08'08"	15°09'09"	15°04'04"	14°38'38"	16°13'13"	29°02'02"	9°35'35"	W28
T29	20 27 22	6°27'22"	27°46'46"	8°25'25"	2°39'39"	1°01'01"	8°34'34"	20°29'29"	26°08'08"	15°09'09"	15°06'06"	14°35'35"	16°10'10"	29°08'08"	9°38'38"	T29
F30	20 31 19	7°24'43"	12°13'34"	10°31'31"	3°52'52"	1°43'43"	8°34'34"	20°35'35"	26°08'08"	15°08'08"	15°07'07"	14°D34	16°07'07"	29°15'15"	9°40'40"	F30
S31	20 35 16	8°21'59"	26°15'58"	12°13'37"	5°11'05"	2°11'25"	8°34'34"	20°41'41"	26°08'08"	15°07'07"	15°09'09"	14°11'34"	16°03'03"	29°22'22"	9°M43	S31

Day	☉	☾		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	23n 0	12s49	2n19	19n47	2s58	21n42	1n22	13n51	1s16	1n48	1s13	6n29	1n56	9n20	0s38	4n39	1s22	20n54	4n38	5n21	4n52	16n54	12s46	1n51			
F 2	22 55	9 3	1 6	20 3	2 48	21 28	1 23	14 5	1 16	1 50	1 13	6 28	1 56	9 20	0 38	4 40	1 22	20 54	4 38	5 22	4 53	16 53	12 46	1 51			
S 3	22 50	4 52	0s 9	20 20	2 38	21 13	1 24	14 19	1 15	1 52	1 13	6 26	1 55	9 21	0 38	4 40	1 22	20 53	4 38	5 22	4 54	16 52	12 45	1 51			
S 4	22 45	0 32	1 22	20 36	2 27	20 58	1 25	14 32	1 15	1 53	1 13	6 24	1 55	9 21	0 38	4 40	1 23	20 53	4 38	5 22	4 56	16 52	12 45	1 51			
M 5	22 40	3n42	2 28	20 52	2 16	20 43	1 27	14 46	1 14	1 55	1 14	6 22	1 55	9 22	0 38	4 40	1 23	20 52	4 38	5 22	4 57	16 51	12 45	1 51			
T 6	22 34	7 38	3 24	21 8	2 4	20 26	1 28	14 59	1 14	1 56	1 14	6 20	1 55	9 22	0 38	4 40	1 23	20 52	4 38	5 23	4 58	16 50	12 45	1 52			
W 7	22 27	11 7	4 9	21 23	1 53	20 9	1 29	15 12	1 14	1 58	1 14	6 18	1 55	9 23	0 38	4 40	1 23	20 51	4 38	5 24	4 59	16 50	12 44	1 52			
T 8	22 21	14 2	4 41	21 38	1 41	19 52	1 30	15 25	1 13	1 59	1 15	6 16	1 55	9 23	0 38	4 40	1 23	20 51	4 38	5 26	5 0	16 49	12 44	1 52			
F 9	22 13	16 16	5 0	21 52	1 29	19 34	1 31	15 38	1 13	2 0	1 15	6 14	1 55	9 23	0 38	4 40	1 23	20 50	4 38	5 29	5 2	16 48	12 44	1 52			
S 10	22 6	17 45	5 4	22 5	1 16	19 16	1 32	15 50	1 12	2 1	1 15	6 12	1 55	9 24	0 38	4 40	1 23	20 50	4 38	5 32	5 3	16 47	12 44	1 52			
S 11	21 58	18 25	4 55	22 16	1 4	18 57	1 32	16 3	1 12	2 2	1 15	6 10	1 54	9 24	0 38	4 40	1 23	20 50	4 38	5 36	5 4	16 47	12 44	1 52			
M12	21 50	18 17	4 34	22 26	0 52	18 37	1 33	16 15	1 11	2 3	1 16	6 8	1 54	9 24	0 38	4 41	1 23	20 49	4 38	5 40	5 5	16 46	12 44	1 52			
T13	21 41	17 20	4 0	22 35	0 39	18 17	1 34	16 27	1 11	2 4	1 16	6 6	1 54	9 25	0 38	4 41	1 23	20 49	4 38	5 44	5 7	16 45	12 44	1 52			
W14	21 32	15 39	3 16	22 42	0 27	17 57	1 34	16 39	1 10	2 5	1 16	6 4	1 54	9 25	0 38	4 41	1 23	20 48	4 39	5 47	5 8	16 45	12 44	1 53			
T15	21 23	13 18	2 24	22 47	0 15	17 36	1 35	16 51	1 9	2 6	1 17	6 2	1 54	9 25	0 38	4 41	1 23	20 48	4 39	5 49	5 9	16 44	12 45	1 53			
F16	21 13	10 23	1 25	22 50	0 4	17 14	1 35	17 3	1 9	2 7	1 17	6 0	1 54	9 26	0 38	4 41	1 23	20 47	4 39	5 51	5 10	16 43	12 45	1 53			
S17	21 3	7 2	0 21	22 51	0n 8	16 52	1 36	17 14	1 8	2 7	1 17	5 57	1 54	9 26	0 38	4 40	1 23	20 47	4 39	5 51	5 12	16 43	12 45	1 53			
S18	20 52	3 22	0n44	22 49	0 19	16 30	1 36	17 26	1 8	2 8	1 18	5 55	1 54	9 26	0 38	4 40	1 23	20 46	4 39	5 51	5 13	16 42	12 45	1 53			
M19	20 42	0s31	1 48	22 45	0 29	16 7	1 36	17 37	1 7	2 8	1 18	5 53	1 54	9 26	0 38	4 40	1 23	20 46	4 39	5 51	5 14	16 41	12 45	1 53			
T20	20 30	4 27	2 49	22 38	0 40	15 44	1 36	17 48	1 7	2 9	1 18	5 51	1 53	9 26	0 38	4 40	1 23	20 45	4 39	5 50	5 15	16 40	12 46	1 53			
W21	20 19	8 17	3 43	22 29	0 49	15 20	1 37	17 58	1 6	2 9	1 18	5 48	1 53	9 27	0 38	4 40	1 23	20 45	4 39	5 50	5 16	16 40	12 46	1 53			
T22	20 7	11 50	4 26	22 17	0 58	14 56	1 37	18 9	1 5	2 9	1 19	5 46	1 53	9 27	0 38	4 40	1 23	20 45	4 39	5 51	5 18	16 39	12 47	1 53			
F23	19 55	14 51	4 56	22 2	1 6	14 32	1 36	18 19	1 5	2 9	1 19	5 44	1 53	9 27	0 38	4 40	1 24	20 44	4 39	5 52	5 19	16 38	12 47	1 53			
S24	19 42	17 5	5 9	21 45	1 14	14 7	1 36	18 29	1 4	2 10	1 19	5 41	1 53	9 27	0 38	4 40	1 24	20 44	4 39	5 53	5 20	16 37	12 47	1 54			
S25	19 30	18 16	5 3	21 25	1 20	13 42	1 36	18 39	1 3	2 10	1 20	5 39	1 53	9 27	0 38	4 40	1 24	20 43	4 39	5 56	5 21	16 37	12 48	1 54			
M26	19 17	18 13	4 35	21 3	1 27	13 16	1 36	18 49	1 3	2 10	1 20	5 37	1 53	9 27	0 38	4 40	1 24	20 43	4 39	5 58	5 23	16 36	12 48	1 54			
T27	19 3	16 52	3 48	20 38	1 32	12 50	1 36	18 59	1 2	2 9	1 20	5 34	1 53	9 27	0 38	4 40	1 24	20 42	4 39	6 0	5 24	16 35	12 49	1 54			
W28	18 49	14 18	2 45	20 11	1 36	12 24	1 35	19 8	1 1	2 9	1 20	5 32	1 53	9 27	0 38	4 39	1 24	20 42	4 39	6 2	5 25	16 34	12 50	1 54			
T29	18 35	10 48	1 30	19 42	1 40	11 58	1 35	19 18	1 1	2 9	1 21	5 29	1 53	9 27	0 38	4 39	1 24	20 41	4 39	6 3	5 26	16 34	12 50	1 54			
F30	18 21	6 39	0 11	19 11	1 43	11 31	1 34	19 27	1 0	2 9	1 21	5 27	1 53	9 27	0 38	4 39	1 24	20 41	4 39	6 3	5 28	16 33	12 51	1 54			
S31	18n 6	2s14	1s 7	18n38	1n45	11n 4	1n33	19n36	0s59	2n 8	1s21	5n24	1n53	9n27	0s38	4n39	1s24	20n40	4n39	6n 3	5n29	16n32	12s52	1n54			

## ASTRODIENST EPHEMERIS for the year 2686

AUGUST 2686

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 39 12	9♂19°15	10°V56	14♂41	6♂17	3♂6	8°R33	20♂47	26°R 8	15°R 8	15♂11	14♂36	16♂0	29♂28	9♂45	S 1
M 2	20 43 9	10°16'33	24°27	16°44	7°30	3°48	8°V32	20°54	26°V 8	15°V 7	15°13	14°37	15°57	29°35	9°48	M 2
T 3	20 47 5	11°13'51	7♂33	18°45	8°42	4°29	8°31	21°0	26°8	15°7	15°14	14°R38	15°54	29°42	9°51	T 3
W 4	20 51 2	12°11'10	20°18	20°45	9°55	5°10	8°30	21°7	26°8	15°6	15°16	14°38	15°51	29°48	9°54	W 4
T 5	20 54 58	13°8'30	2♂44	22°44	11°7	5°52	8°29	21°13	26°7	15°6	15°18	14°36	15°48	29°55	9°57	T 5
F 6	20 58 55	14°5'51	14°56	24°40	12°20	6°33	8°27	21°20	26°7	15°5	15°19	14°33	15°44	0♂2	10°0	F 6
S 7	21 2 51	15°3'12	26°58	26°35	13°32	7°14	8°25	21°26	26°7	15°4	15°21	14°29	15°41	0°9	10°3	S 7
S 8	21 6 48	16°0'35	8♂53	28°29	14°45	7°54	8°23	21°33	26°7	15°4	15°23	14°24	15°38	0°15	10°6	S 8
M 9	21 10 45	16°57'58	20°44	0♂20	15°57	8°35	8°21	21°39	26°6	15°3	15°25	14°20	15°35	0°22	10°10	M 9
T 10	21 14 41	17°55'23	2♂34	2°10	17°10	9°16	8°19	21°46	26°6	15°2	15°26	14°15	15°32	0°29	10°13	T 10
W 11	21 18 38	18°52'48	14°24	3°59	18°22	9°56	8°16	21°53	26°5	15°2	15°28	14°12	15°28	0°35	10°17	W 11
T 12	21 22 34	19°50'13	26°17	5°45	19°34	10°37	8°13	22°0	26°5	15°1	15°30	14°9	15°25	0°42	10°20	T 12
F 13	21 26 31	20°47'40	8♂15	7°31	20°47	11°17	8°10	22°6	26°4	15°0	15°31	14°D 8	15°22	0°49	10°24	F 13
S 14	21 30 27	21°45'07	20°19	9°14	21°59	11°57	8°7	22°13	26°4	14°59	15°33	14°8	15°19	0°55	10°28	S 14
S 15	21 34 24	22°42'35	2♂33	10°56	23°11	12°37	8°4	22°20	26°3	14°58	15°35	14°9	15°16	1°2	10°32	S 15
M 16	21 38 20	23°40'04	14°59	12°36	24°23	13°17	8°0	22°27	26°2	14°58	15°37	14°10	15°13	1°9	10°36	M 16
T 17	21 42 17	24°37'34	27°40	14°14	25°35	13°57	7°57	22°34	26°1	14°57	15°38	14°12	15°9	1°15	10°40	T 17
W 18	21 46 13	25°35'04	10♂39	15°51	26°48	14°36	7°53	22°41	26°1	14°56	15°40	14°13	15°6	1°22	10°45	W 18
T 19	21 50 10	26°32'35	23°58	17°26	28°0	15°16	7°49	22°48	26°0	14°55	15°42	14°R13	15°3	1°29	10°49	T 19
F 20	21 54 7	27°30'07	7♂40	19°0	29°12	15°55	7°45	22°55	25°59	14°54	15°43	14°13	15°0	1°35	10°53	F 20
S 21	21 58 3	28°27'39	21°45	20°32	0♂24	16°34	7°40	23°2	25°58	14°53	15°45	14°12	14°57	1°42	10°58	S 21
S 22	22 2 0	29°25'13	6♂3	22°2	1°36	17°14	7°36	23°9	25°57	14°52	15°47	14°11	14°54	1°49	11°2	S 22
M 23	22 5 56	0♂22'47	20°59	23°31	2°48	17°53	7°31	23°17	25°56	14°51	15°48	14°9	14°50	1°55	11°7	M 23
T 24	22 9 53	1°20'22	5♂58	24°58	3°59	18°31	7°26	23°24	25°55	14°50	15°50	14°8	14°47	2°2	11°12	T 24
W 25	22 13 49	2°17'58	21°1	26°23	5°11	19°10	7°21	23°31	25°54	14°49	15°52	14°7	14°44	2°9	11°17	W 25
T 26	22 17 46	3°15'35	6♂1	27°47	6°23	19°49	7°16	23°38	25°53	14°47	15°53	14°6	14°41	2°16	11°22	T 26
F 27	22 21 42	4°13'13	20°48	29°9	7°35	20°27	7°10	23°46	25°51	14°46	15°55	14°D 6	14°38	2°22	11°27	F 27
S 28	22 25 39	5°10'53	5°V16	0♂29	8°47	21°6	7°5	23°53	25°50	14°45	15°57	14°6	14°34	2°29	11°32	S 28
S 29	22 29 36	6°8'34	19°20	1°48	9°58	21°44	6°59	24°0	25°49	14°44	15°58	14°7	14°31	2°36	11°37	S 29
M 30	22 33 32	7°6'16	2♂57	3°4	11°10	22°22	6°53	24°7	25°48	14°43	16°0	14°8	14°28	2°42	11°42	M 30
T 31	22 37 29	8♂4'00	16♂10	4♂19	12♂22	23♂0	6°V47	24♂15	25°V46	14°V41	16♂2	14♂8	14♂25	2♂49	11♂48	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	17n51	2n11	2s19	18n 4	1n46	10n36	1n33	19n44	0s59	2n 8	1s22	5n22	1n52	9n27	0s38	4n39
M 2	17 36	6 20	3 21	17 28	1 47	10 9	1 32	19 53	0 58	2 7	1 22	5 19	1 52	9 27	0 39	4 38
T 3	17 20	10 2	4 10	16 50	1 47	9 41	1 31	20 1	0 57	2 6	1 22	5 17	1 52	9 27	0 39	4 38
W 4	17 5	13 10	4 45	16 12	1 46	9 13	1 30	20 9	0 56	2 6	1 22	5 14	1 52	9 27	0 39	4 38
T 5	16 49	15 37	5 6	15 32	1 45	8 44	1 29	20 17	0 56	2 5	1 23	5 11	1 52	9 27	0 39	4 38
F 6	16 32	17 19	5 13	14 52	1 43	8 16	1 28	20 25	0 55	2 4	1 23	5 9	1 52	9 27	0 39	4 37
S 7	16 16	18 13	5 5	14 11	1 40	7 47	1 27	20 33	0 54	2 3	1 23	5 6	1 52	9 27	0 39	4 37
S 8	15 59	18 19	4 45	13 29	1 37	7 18	1 25	20 40	0 53	2 2	1 24	5 3	1 52	9 27	0 39	4 37
M 9	15 41	17 36	4 12	12 46	1 34	6 49	1 24	20 47	0 52	2 1	1 24	5 1	1 52	9 26	0 39	4 37
T 10	15 24	16 7	3 29	12 3	1 30	6 19	1 23	20 54	0 52	2 0	1 24	4 58	1 52	9 26	0 39	4 36
W 11	15 6	13 57	2 36	11 20	1 25	5 50	1 21	21 1	0 51	1 58	1 24	4 55	1 52	9 26	0 39	4 36
T 12	14 49	11 11	1 37	10 36	1 20	5 20	1 20	21 8	0 50	1 57	1 25	4 53	1 52	9 26	0 39	4 36
F 13	14 30	7 57	0 32	9 52	1 14	4 50	1 18	21 14	0 49	1 56	1 25	4 50	1 52	9 26	0 39	4 35
S 14	14 12	4 21	0n34	9 8	1 9	4 20	1 16	21 20	0 48	1 54	1 25	4 47	1 52	9 25	0 39	4 35
S 15	13 54	0 31	1 40	8 24	1 2	3 50	1 15	21 26	0 47	1 53	1 26	4 44	1 52	9 25	0 39	4 34
M 16	13 35	3s23	2 42	7 40	0 56	3 20	1 13	21 32	0 46	1 51	1 26	4 42	1 52	9 25	0 39	4 34
T 17	13 16	7 13	3 38	6 56	0 49	2 50	1 11	21 38	0 46	1 49	1 26	4 39	1 52	9 25	0 39	4 34
W 18	12 57	10 47	4 24	6 12	0 42	2 19	1 9	21 43	0 45	1 48	1 26	4 36	1 52	9 24	0 39	4 33
T 19	12 37	13 54	4 57	5 28	0 34	1 49	1 7	21 49	0 44	1 46	1 27	4 33	1 52	9 24	0 39	4 33
F 20	12 18	16 20	5 14	4 44	0 26	1 18	1 5	21 54	0 43	1 44	1 27	4 30	1 52	9 24	0 39	4 33
S 21	11 58	17 53	5 14	4 1	0 18	0 48	1 2	21 59	0 42	1 42	1 27	4 28	1 51	9 23	0 39	4 32
S 22	11 38	18 19	4 53	3 18	0 10	0 17	1 0	22 4	0 41	1 40	1 27	4 25	1 51	9 23	0 39	4 32
M 23	11 18	17 32	4 14	2 35	0 1	0s13	0 58	22 8	0 40	1 38	1 28	4 22	1 51	9 22	0 39	4 31
T 24	10 57	15 33	3 16	1 53	0s 7	0 44	0 55	22 12	0 39	1 36	1 28	4 19	1 51	9 22	0 39	4 31
W 25	10 37	12 28	2 5	1 11	0 16	1 15	0 53	22 17	0 38	1 33	1 28	4 16	1 51	9 22	0 39	4 30
T 26	10 16	8 35	0 45	0 30	0 25	1 45	0 50	22 21	0 37	1 31	1 28	4 13	1 51	9 21	0 39	4 30
F 27	9 56	4 12	0s37	0s11	0 34	2 16	0 48	22 24	0 36	1 29	1 28	4 11	1 51	9 21	0 39	4 29
S 28	9 35	0n19	1 55	0 52	0 44	2 47	0 45	22 28	0 35	1 26	1 29	4 8	1 51	9 20	0 39	4 29
S 29	9 13	4 42	3 3	1 31	0 53	3 17	0 42	22 32	0 34	1 24	1 29	4 5	1 51	9 20	0 39	4 28
M 30	8 52	8 42	3 59	2 10	1 2	3 48	0 40	22 35	0 33	1 22	1 29	4 2	1 51	9 19	0 39	4 28
T 31	8n31	12n 8	4s41	2s49	1s12	4s18	0n37	22n38	0s32	1n19	1s29	3n59	1n51	9n19	0s39	4n27

Julian Day Number = 2702313.5, Delta T = 26m14s

Ecliptic obliquity = 23°20'51, Nutation = - 0°00'03

Ayanamsha: Fagan/Bradley = 34°20'43, Lahiri = 33°27'43

## ASTRODIENST EPHEMERIS for the year 2686

SEPTEMBER 2686

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	22 41 25	9 <sup>h</sup> 1'46"	28 <sup>h</sup> 58'	5 <sup>h</sup> 32'	13 <sup>h</sup> 33'	23 <sup>h</sup> 37'	6°R41	24 <sup>h</sup> 22'	25°R45	14°R40	16 <sup>h</sup> 3	14 <sup>h</sup> 9	14 <sup>h</sup> 22'	2 <sup>h</sup> 56'	11 <sup>h</sup> 53'	W 1
T 2	22 45 22	9°59'33"	11 <sup>h</sup> 26'	6°42'	14°45'	24°15'	6°Y35	24°30'	25°Y43	14°Y39	16° 5	14°R 9	14°19'	3° 2	11°59'	T 2
F 3	22 49 18	10°57'22"	23°36'	7°51'	15°56'	24°52'	6°29	24°37'	25°42'	14°38'	16° 6	14° 9	14°15'	3° 9	12° 4	F 3
S 4	22 53 15	11°55'13"	5 <sup>h</sup> 39'	8°57'	17° 7	25°30'	6°22	24°44'	25°40'	14°36'	16° 8	14° 8	14°12'	3°16'	12°10'	S 4
S 5	22 57 11	12°53'05"	17°32'	10° 1	18°19'	26° 7	6°16	24°52'	25°39'	14°35'	16° 9	14° 8	14° 9	3°22'	12°16'	S 5
M 6	23 1 8	13°50'59"	29°22'	11° 3	19°30'	26°44'	6° 9	24°59'	25°37'	14°34'	16°11	14°D 8	14° 6	3°29'	12°22'	M 6
T 7	23 5 5	14°48'55"	11 <sup>h</sup> 12'	12° 2	20°42'	27°20'	6° 2	25° 7	25°36'	14°32'	16°13	14° 8	14° 3	3°36'	12°28'	T 7
W 8	23 9 1	15°46'52"	23° 5	12°59'	21°53'	27°57'	5°55	25°14'	25°34'	14°31'	16°14	14° 8	14° 0	3°42'	12°34'	W 8
T 9	23 12 58	16°44'51"	5 <sup>h</sup> 5	13°52'	23° 4	28°33'	5°48	25°22'	25°32'	14°29'	16°16	14° 8	13°56'	3°49'	12°40'	T 9
F 10	23 16 54	17°42'52"	17°13'	14°43'	24°15'	29°10'	5°41	25°29'	25°30'	14°28'	16°17	14°R 8	13°53'	3°56'	12°46'	F 10
S 11	23 20 51	18°40'53"	29°31'	15°30'	25°26'	29°46'	5°33	25°37'	25°29'	14°27'	16°19	14° 8	13°50'	4° 2	12°52'	S 11
S 12	23 24 47	19°38'57"	12 <sup>h</sup> 1	16°14'	26°37'	0 <sup>h</sup> 22'	5°26	25°44'	25°27'	14°25'	16°20	14° 8	13°47'	4° 9	12°58'	S 12
M13	23 28 44	20°37'02"	24°44'	16°55'	27°48'	0°57'	5°19	25°52'	25°25'	14°24'	16°22	14° 7	13°44'	4°16'	13° 5	M13
T 14	23 32 40	21°35'08"	7 <sup>h</sup> 40'	17°31'	28°59'	1°33'	5°11	26° 0	25°23'	14°22'	16°23	14° 6	13°40'	4°22'	13°11'	T 14
W15	23 36 37	22°33'16"	20°51'	18° 4	0 <sup>h</sup> 10'	2° 8	5° 4	26° 7	25°21'	14°21'	16°25	14° 5	13°37'	4°29'	13°17'	W15
T 16	23 40 33	23°31'26"	4 <sup>h</sup> 18'	18°31'	1°21'	2°43'	4°56	26°15'	25°19'	14°19'	16°26	14° 4	13°34'	4°36'	13°24'	T 16
F 17	23 44 30	24°29'36"	18° 0	18°55'	2°32'	3°18'	4°48	26°22'	25°17'	14°18'	16°27	14°D 4	13°31'	4°42'	13°30'	F 17
S 18	23 48 27	25°27'48"	1 <sup>h</sup> 35'	19°13'	3°43'	3°53'	4°40	26°30'	25°15'	14°16'	16°29	14° 4	13°28'	4°49'	13°37'	S 18
S 19	23 52 23	26°26'02"	16°11'	19°26'	4°53'	4°28'	4°33	26°37'	25°13'	14°14'	16°30	14° 5	13°25'	4°56'	13°44'	S 19
M20	23 56 20	27°24'17"	0 <sup>h</sup> 37'	19°33'	6° 4	5° 2	4°25	26°45'	25°11'	14°13'	16°32	14° 5	13°21'	5° 2	13°51'	M20
T 21	0 0 16	28°22'34"	15°12'	19°R34	7°14'	5°36'	4°17	26°52'	25° 9	14°11'	16°33	14° 6	13°18'	5° 9	13°57'	T 21
W22	0 4 13	29°20'51"	29°53'	19°29'	8°25'	6°10'	4° 9	27° 0	25° 7	14°10'	16°34	14° 7	13°15'	5°16'	14° 4	W22
T 23	0 8 9	0 <sup>h</sup> 19'11"	14 <sup>h</sup> 32'	19°18'	9°35'	6°44'	4° 1	27° 8	25° 5	14° 8	16°36	14°R 8	13°12'	5°22'	14°11'	T 23
F 24	0 12 6	1°17'32"	29° 3	19° 0	10°46'	7°17'	3°53	27°15'	25° 3	14° 6	16°37	14° 7	13° 9	5°29'	14°18'	F 24
S 25	0 16 2	2°15'55"	13 <sup>h</sup> 22'	18°35'	11°56'	7°50'	3°45	27°23'	25° 1	14° 5	16°38	14° 6	13° 5	5°36'	14°25'	S 25
S 26	0 19 59	3°14'20"	27°21'	18° 3	13° 6	8°24'	3°37	27°30'	24°59'	14° 3	16°39	14° 4	13° 2	5°42'	14°32'	S 26
M27	0 23 56	4°12'47"	10 <sup>h</sup> 59'	17°25'	14°16'	8°56'	3°29	27°38'	24°56'	14° 2	16°41	14° 1	12°59'	5°49'	14°40'	M27
T 28	0 27 52	5°11'16"	24°14'	16°41'	15°26'	9°29'	3°21	27°45'	24°54'	14° 0	16°42	13°58'	12°56'	5°56'	14°47'	T 28
W29	0 31 49	6° 9'47"	7 <sup>h</sup> 6	15°50'	16°36'	10° 1	3°13	27°53'	24°52'	13°58'	16°43	13°55'	12°53'	6° 2	14°54'	W29
T 30	0 35 45	7 <sup>h</sup> 8'20"	19 <sup>h</sup> 37'	14 <sup>h</sup> 55'	17 <sup>h</sup> 46'	10 <sup>h</sup> 33'	3°Y 5	28 <sup>h</sup> 0	24°Y50	13°Y57	16 <sup>h</sup> 44	13 <sup>h</sup> 53	12 <sup>h</sup> 50	6 <sup>h</sup> 9	15 <sup>h</sup> 1	T 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	8n 9	14n52	5s 7	3s26	1s22	4s48	0n34	22n41	0s31	1n16	1s30	3n56	1n51	9n18	0s39	4n27	1s25	20n27	4n42	6n13	6n 8	16n 6	13s29	1n57				
T 2	7 48	16 50	5 17	4 3	1 31	5 19	0 31	22 44	0 30	1 14	1 30	3 53	1 51	9 18	0 39	4 26	1 25	20 26	4 42	6 13	6 9	16 6	13 30	1 57				
F 3	7 26	17 59	5 13	4 39	1 41	5 49	0 28	22 46	0 29	1 11	1 30	3 50	1 51	9 17	0 39	4 26	1 25	20 26	4 42	6 13	6 10	16 5	13 32	1 58				
S 4	7 4	18 18	4 56	5 14	1 51	6 19	0 25	22 49	0 27	1 8	1 30	3 47	1 51	9 17	0 39	4 25	1 25	20 26	4 42	6 13	6 12	16 4	13 34	1 58				
S 5	6 42	17 49	4 25	5 48	2 0	6 49	0 22	22 51	0 26	1 6	1 30	3 44	1 51	9 16	0 39	4 25	1 25	20 25	4 42	6 13	6 13	16 3	13 35	1 58				
M 6	6 20	16 33	3 44	6 21	2 10	7 19	0 19	22 53	0 25	1 3	1 30	3 41	1 51	9 15	0 39	4 24	1 25	20 25	4 42	6 13	6 14	16 2	13 37	1 58				
T 7	5 58	14 35	2 53	6 53	2 19	7 49	0 16	22 55	0 24	1 0	1 31	3 38	1 51	9 15	0 39	4 24	1 26	20 25	4 43	6 13	6 15	16 1	13 39	1 58				
W 8	5 35	11 58	1 54	7 23	2 29	8 18	0 12	22 57	0 23	0 57	1 31	3 35	1 51	9 14	0 39	4 23	1 26	20 24	4 43	6 13	6 16	16 0	13 40	1 58				
T 9	5 13	8 50	0 50	7 53	2 38	8 48	0 9	22 59	0 22	0 54	1 31	3 32	1 51	9 14	0 39	4 22	1 26	20 24	4 43	6 13	6 18	16 0	13 42	1 58				
F 10	4 50	5 18	0n17	8 21	2 47	9 17	0 6	23 0	0 21	0 51	1 31	3 30	1 51	9 13	0 39	4 22	1 26	20 23	4 43	6 13	6 19	15 59	13 44	1 58				
S 11	4 28	1 29	1 24	8 47	2 56	9 46	0 2	23 1	0 19	0 48	1 31	3 27	1 51	9 12	0 39	4 21	1 26	20 23	4 43	6 13	6 20	15 58	13 45	1 58				
S 12	4 5	2s27	2 29	9 13	3 5	10 15	0s 1	23 3	0 18	0 45	1 31	3 24	1 51	9 12	0 39	4 21	1 26	20 23	4 43	6 13	6 21	15 57	13 47	1 59				
M13	3 42	6 20	3 27	9 36	3 13	10 43	0 4	23 4	0 17	0 42	1 31	3 21	1 52	9 11	0 39	4 20	1 26	20 23	4 43	6 14	6 23	15 56	13 49	1 59				
T 14	3 19	9 59	4 15	9 57	3 21	11 12	0 8	23 5	0 16	0 39	1 32	3 18	1 52	9 10	0 39	4 20	1 26	20 22	4 44	6 14	6 24	15 55	13 51	1 59				
W15	2 57	13 13	4 51	10 17	3 29	11 40	0 11	23 5	0 15	0 36	1 32	3 15	1 52	9 9	0 39	4 19	1 26	20 22	4 44	6 14	6 25	15 54	13 53	1 59				
T 16	2 34	15 48	5 12	10 34	3 37	12 8	0 15	23 6	0 13	0 33	1 32	3 12	1 52	9 9	0 39	4 18	1 26	20 22	4 44	6 15	6 26	15 53	13 54	1 59				
F 17	2 11	17 34	5 16	10 49	3 43	12 36	0 19	23 6	0 12	0 30	1 32	3 9	1 52	9 8	0 39	4 18	1 26	20 21	4 44	6 15	6 27	15 53	13 56	1 59				
S 18	1 48	18 18	5 2	11 2	3 50	13 3	0 22	23 7	0 11	0 26	1 32	3 6	1 52	9 7	0 39	4 17	1 26	20 21	4 44	6 15	6 29	15 52	13 58	1 59				
S 19	1 25	17 55	4 29	11 12	3 55	13 30	0 26	23 7	0 9	0 23	1 32	3 3	1 52	9 7	0 39	4 16	1 26	20 21	4 44	6 15	6 30	15 51	14 0	1 59				
M20	1 2	16 23	3 38	11 19	4 0	13 57	0 29	23 7	0 8	0 20	1 32	3 0	1 52	9 6	0 40	4 16	1 26	20 20	4 44	6 14	6 31	15 50	14 2	2 0				
T 21	0 39	13 46	2 33	11 23	4 4	14 24	0 33	23 7	0 7	0 17	1 32	2 57	1 52	9 5	0 40	4 15	1 26	20 20	4 45	6 14	6 32	15 49	14 4	2 0				
W22	0 16	10 15	1 18	11 24	4 6	14 50	0 37	23 7	0 5	0 14	1 32	2 54	1 52	9 4	0 40	4 15	1 26	20 20	4 45	6 13	6 33	15 48	14 6	2 0				
T 23	0s 8	6 6	0s 2	11 21	4 8	15 16	0 41	23 7	0 4	0 11	1 32	2 51	1 52	9 4	0 40	4 14	1 26	20 20	4 45	6 13	6 35	15 47	14 7	2 0				
F 24	0 31	1 37	1 22	11 15	4 9	15 42	0 44	23 6	0 3	0 7	1 32	2 48	1 52	9 3	0 40	4 13	1 26	20 19	4 45	6 14	6 36	15 46	14 9	2 0				
S 25	0 54	2n53	2 35	11 4	4 8	16 7	0 48	23 6	0 1	0 4	1 32	2 45	1 52	9 2	0 40	4 13	1 26	20 19	4 45	6 14	6 37	15 45	14 11	2 0				
S 26	1 17	7 7	3 37	10 50	4 5	16 32	0 52	23 5	0n 0	0 1	1 33	2 42	1 52	9 1	0 40	4 12	1 26	20 19	4 45	6 15	6 38	15 44	14 13	2 0				
M27	1 40	10 52	4 24	10 32	4 1	16 57	0 55	23 4	0 1	0s 2	1 33	2 39	1 52	9 0	0 40	4 11	1 26	20 19	4 45	6 16	6 40	15 43	14 15	2 1				
T 28	2 3	13 58	4 57	10 9	3 55	17 21	0 59	23 4	0 3	0 5	1 33	2 36	1 52	9 0	0 40	4 11	1 26	20 18	4 46	6 17	6 41	15 43	14 17	2 1				
W29	2 26	16 16	5 13	9 43	3 48	17 45	1 3	23 3	0 4	0 9	1 33	2 34	1 52	8 59	0 40	4 10	1 26	20 18	4 46	6 18	6 42	15 42	14 19	2 1				
T 30	2s49	17n44	5s13	9s12	3s38	18s 8	1s 7	23n 2	0n 6	0s12	1s33	2n31	1n52	8n58	0s40	4n 9	1s26	20n18	4n46	6n19	6n43	15n41	14s21	2n 1				

## ASTRODIENST EPHEMERIS for the year 2686

OCTOBER 2686

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	0 39 42	8♂ 6'55	1♂51	13°R55	18♂56	11♂ 5	2°R57	28♂ 8	24°R47	13°R55	16♂46	13°R52	12♂46	6♂16	15♂ 9	F 1
S 2	0 43 38	9° 5'32	13°52	12♂52	20° 6	11°37	2°Y49	28°15	24°Y45	13°Y53	16°47	13°D52	12°43	6°22	15°16	S 2
S 3	0 47 35	10° 4'12	25°44	11°47	21°16	12° 8	2°41	28°23	24°43	13°52	16°48	13♂53	12°40	6°29	15°23	S 3
M 4	0 51 31	11° 2'54	7♂24	10°42	22°25	12°40	2°33	28°30	24°40	13°50	16°49	13°54	12°37	6°36	15°31	M 4
T 5	0 55 28	12° 1'38	19°25	9°38	23°35	13°10	2°26	28°38	24°38	13°48	16°50	13°56	12°34	6°43	15°39	T 5
W 6	0 59 25	13° 0'24	1♂22	8°38	24°45	13°41	2°18	28°45	24°36	13°47	16°51	13°58	12°31	6°49	15°46	W 6
T 7	1 3 21	13°59'12	13°29	7°41	25°54	14°11	2°10	28°53	24°33	13°45	16°52	13°R58	12°27	6°56	15°54	T 7
F 8	1 7 18	14°58'02	25°48	6°51	27° 3	14°41	2° 3	29° 0	24°31	13°43	16°53	13°58	12°24	7° 3	16° 1	F 8
S 9	1 11 14	15°56'54	8♂22	6° 9	28°13	15°11	1°55	29° 7	24°29	13°42	16°54	13°55	12°21	7° 9	16° 9	S 9
S 10	1 15 11	16°55'48	21°12	5°35	29°22	15°40	1°48	29°15	24°26	13°40	16°55	13°52	12°18	7°16	16°17	S 10
M11	1 19 7	17°54'44	4♂17	5°10	0♂31	16°10	1°40	29°22	24°24	13°38	16°56	13°47	12°15	7°23	16°25	M11
T 12	1 23 4	18°53'43	17°37	4°55	1°40	16°38	1°33	29°29	24°21	13°37	16°57	13°41	12°11	7°29	16°32	T 12
W13	1 27 0	19°52'43	1♂10	4°D51	2°49	17° 7	1°26	29°37	24°19	13°35	16°58	13°35	12° 8	7°36	16°40	W13
T 14	1 30 57	20°51'44	14°54	4°57	3°58	17°35	1°19	29°44	24°17	13°33	16°59	13°30	12° 5	7°43	16°48	T 14
F 15	1 34 53	21°50'48	28°48	5°13	5° 6	18° 3	1°12	29°51	24°14	13°32	17° 0	13°26	12° 2	7°49	16°56	F 15
S 16	1 38 50	22°49'53	12♂49	5°40	6°15	18°30	1° 5	29°58	24°12	13°30	17° 1	13°24	11°59	7°56	17° 4	S 16
S 17	1 42 47	23°49'00	26°56	6°15	7°23	18°58	0°58	0♂ 5	24° 9	13°29	17° 2	13°D24	11°56	8° 3	17°12	S 17
M18	1 46 43	24°48'09	11♂ 7	7° 0	8°32	19°24	0°51	0°13	24° 7	13°27	17° 2	13°25	11°52	8° 9	17°20	M18
T 19	1 50 40	25°47'19	25°20	7°53	9°40	19°51	0°45	0°20	24° 4	13°25	17° 3	13°26	11°49	8°16	17°28	T 19
W20	1 54 36	26°46'31	9♂34	8°53	10°48	20°17	0°38	0°27	24° 2	13°24	17° 4	13°R27	11°46	8°23	17°36	W20
T 21	1 58 33	27°45'45	23°46	10° 1	11°56	20°43	0°32	0°34	24° 0	13°22	17° 5	13°26	11°43	8°29	17°44	T 21
F 22	2 2 29	28°45'01	7°Y53	11°14	13° 4	21° 8	0°26	0°41	23°57	13°20	17° 5	13°24	11°40	8°36	17°52	F 22
S 23	2 6 26	29°44'18	21°50	12°32	14°12	21°33	0°20	0°48	23°55	13°19	17° 6	13°20	11°36	8°43	18° 0	S 23
S 24	2 10 22	0♂43'37	5♂34	13°55	15°19	21°58	0°14	0°55	23°52	13°17	17° 7	13°13	11°33	8°49	18° 9	S 24
M25	2 14 19	1°42'59	19° 1	15°22	16°27	22°22	0° 8	1° 1	23°50	13°16	17° 7	13° 5	11°30	8°56	18°17	M25
T 26	2 18 16	2°42'23	2♂10	16°52	17°34	22°46	0° 3	1° 8	23°48	13°14	17° 8	12°56	11°27	9° 3	18°25	T 26
W27	2 22 12	3°41'48	14°59	18°24	18°41	23°10	29♂57	1°15	23°45	13°13	17° 9	12°48	11°24	9° 9	18°33	W27
T 28	2 26 9	4°41'16	27°30	19°59	19°48	23°33	29°52	1°22	23°43	13°11	17° 9	12°40	11°21	9°16	18°42	T 28
F 29	2 30 5	5°40'47	9♂44	21°36	20°55	23°55	29°47	1°29	23°40	13°10	17°10	12°35	11°17	9°23	18°50	F 29
S 30	2 34 2	6°40'19	21°45	23°14	22° 2	24°17	29°42	1°35	23°38	13° 8	17°10	12°31	11°14	9°29	18°58	S 30
S 31	2 37 58	7♂39'54	3♂37	24♂53	23♂ 9	24♂39	29♂37	1♂42	23°Y36	13°Y 7	17♂11	12°D30	11♂11	9♂36	19♂ 6	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	3s12	18n20	5s 0	8s38	3s27	18s31	1s11	23n 0	0n 7	0s15	1s33	2n28	1n53	8n57	0s40	4n 9	1s26	20n18	4n46	6n19	6n44	15n40	14s23	2n 1			
S 2	3 35	18 6	4 33	8 2	3 13	18 54	1 14	22 59	0 9	0 18	1 33	2 25	1 53	8 56	0 40	4 8	1 26	20 18	4 46	6 19	6 46	15 39	14 25	2 1			
S 3	3 58	17 4	3 55	7 22	2 58	19 16	1 18	22 58	0 10	0 21	1 33	2 22	1 53	8 55	0 40	4 8	1 26	20 17	4 46	6 19	6 47	15 38	14 27	2			
M 4	4 21	15 18	3 7	6 42	2 41	19 37	1 22	22 57	0 12	0 24	1 33	2 19	1 53	8 54	0 40	4 7	1 26	20 17	4 47	6 18	6 48	15 37	14 29	2			
T 5	4 44	12 52	2 11	6 0	2 23	19 59	1 26	22 55	0 13	0 27	1 33	2 16	1 53	8 54	0 40	4 6	1 26	20 17	4 47	6 18	6 49	15 36	14 31	2			
W 6	5 7	9 53	1 9	5 19	2 4	20 19	1 29	22 54	0 15	0 30	1 32	2 13	1 53	8 53	0 40	4 6	1 26	20 17	4 47	6 17	6 50	15 35	14 33	2			
T 7	5 30	6 26	0 3	4 38	1 44	20 40	1 33	22 52	0 16	0 33	1 32	2 10	1 53	8 52	0 40	4 5	1 26	20 17	4 47	6 17	6 52	15 34	14 35	2			
F 8	5 52	2 39	1n 4	4 0	1 24	21 0	1 37	22 50	0 18	0 36	1 32	2 8	1 53	8 51	0 40	4 4	1 26	20 17	4 47	6 17	6 53	15 33	14 37	2			
S 9	6 15	1s19	2 10	3 24	1 4	21 19	1 40	22 49	0 20	0 39	1 32	2 5	1 53	8 50	0 40	4 4	1 26	20 16	4 48	6 18	6 54	15 32	14 39	2			
S 10	6 38	5 18	3 9	2 52	0 43	21 38	1 44	22 47	0 21	0 42	1 32	2 2	1 53	8 49	0 40	4 3	1 26	20 16	4 48	6 19	6 55	15 31	14 41	2			
M11	7 0	9 7	4 1	2 25	0 24	21 56	1 48	22 45	0 23	0 45	1 32	1 59	1 53	8 48	0 40	4 2	1 26	20 16	4 48	6 21	6 57	15 30	14 43	2			
T 12	7 22	12 33	4 40	2 2	0 5	22 14	1 51	22 43	0 25	0 48	1 32	1 56	1 54	8 48	0 40	4 2	1 26	20 16	4 48	6 24	6 58	15 29	14 45	2			
W13	7 45	15 21	5 4	1 44	0n13	22 31	1 55	22 42	0 26	0 51	1 32	1 54	1 54	8 47	0 40	4 1	1 26	20 16	4 48	6 26	6 59	15 28	14 47	2			
T 14	8 7	17 21	5 11	1 31	0 29	22 48	1 58	22 40	0 28	0 53	1 32	1 51	1 54	8 46	0 40	4 0	1 26	20 16	4 48	6 28	7 0	15 27	14 49	2			
F 15	8 29	18 21	5 0	1 23	0 44	23 4	2 2	22 38	0 30	0 56	1 32	1 48	1 54	8 45	0 40	4 0	1 26	20 16	4 49	6 29	7 1	15 26	14 51	2			
S 16	8 51	18 14	4 31	1 21	0 58	23 19	2 5	22 36	0 32	0 59	1 32	1 45	1 54	8 44	0 40	3 59	1 26	20 16	4 49	6 30	7 3	15 25	14 53	2			
S 17	9 13	17 0	3 46	1 24	1 11	23 34	2 9	22 34	0 33	1 1	1 32	1 43	1 54	8 43	0 40	3 59	1 26	20 16	4 49	6 30	7 4	15 24	14 55	2			
M18	9 34	14 42	2 46	1 31	1 22	23 49	2 12	22 32	0 35	1 4	1 32	1 40	1 54	8 42	0 40	3 58	1 26	20 16	4 49	6 30	7 5	15 24	14 57	2			
T 19	9 56	11 30	1 37	1 43	1 31	24 3	2 15	22 30	0 37	1 6	1 31	1 37	1 54	8 41	0 40	3 57	1 26	20 15	4 49	6 29	7 6	15 23	14 59	2			
W20	10 17	7 38	0 21	2 0	1 39	24 16	2 19	22 28	0 39	1 9	1 31	1 35	1 54	8 41	0 40	3 57	1 26	20 15	4 50	6 29	7 7	15 22	15 2	2			
T 21	10 38	3 19	0s56	2 20	1 46	24 29	2 22	22 26	0 41	1 11	1 31	1 32	1 55	8 40	0 40	3 56	1 26	20 15	4 50	6 29	7 9	15 21	15 4	2			
F 22	10 59	1n 9	2 8	2 43	1 51	24 41	2 25	22 24	0 42	1 13	1 31	1 29	1 55	8 39	0 40	3 55	1 26	20 15	4 50	6 30	7 10	15 20	15 6	2			
S 23	11 20	5 30	3 12	3 10	1 55	24 52	2 28	22 21	0 44	1 16	1 31	1 27	1 55	8 38	0 40	3 55	1 26	20 15	4 50	6 32	7 11	15 19	15 8	2			
S 24	11 41	9 29	4 4	3 39	1 58	25 3	2 31	22 19	0 46	1 18	1 31	1 24	1 55	8 37	0 40	3 54	1 26	20 15	4 50	6 34	7 12	15 18	15 10	2			
M25	12 2	12 54	4 41	4 11	2 0	25 13	2 34	22 17	0 48	1 20	1 31	1 21	1 55	8 36	0 40	3 54	1 26	20 15	4 50	6 37	7 13	15 17	15 12	2			
T 26	12 22	15 35	5 2	4 45	2 1	25 23	2 37	22 15	0 50	1 22	1 30	1 19	1 55	8 35	0 39	3 53	1 26	20 15	4 51	6 41	7 15	15 16	15 14	2			
W27	12 42	17 26	5 7	5 20	2 0	25 31	2 40	22 13	0 52	1 24	1 30	1 16	1 55	8 34	0 39	3 52	1 26	20 15	4 51	6 44	7 16	15 15	15 16	2			
T 28	13 2	18 23	4 57	5 56	2 0	25 40	2 43	22 12	0 54	1 26	1 30	1 14	1 56	8 34	0 39	3 52	1 26	20 15	4 51	6 47	7 17	15 14	15 18	2			
F 29	13 22	18 27	4 34	6 34	1 58	25 47	2 45	22 10	0 56	1 28	1 30	1 11	1 56	8 33	0 39	3 51	1 26	20 15	4 51	6 49	7 18	15 13	15 20	2			
S 30	13 41	17 40	3 58	7 12	1 56	25 54	2 48	22 8	0 58	1 29	1 30	1 9	1 56	8 32	0 39	3 51	1 26	20 15	4 51	6 50	7 19	15 12	15 22	2			
S 31	14s 1	16n 8	3s13	7s51	1n53	26s 1	2s50	22n 6	1n 0	1s31	1s30	1n 6	1n56	8n31	0s39	3n50	1s26	20n15	4n52	6n51	7n21	15n11	15s24	2n			

# ASTRODIENST EPHEMERIS for the year 2686

NOVEMBER 2686

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	2 41 55	8♉39°30	15♊27	26♋33	24♌15	25♍0	29°R33	1♎49	23°R33	13°R 5	17♏11	12♐30	11♑ 8	9♒43	19♓15	M 1
T 2	2 45 51	9°39'09	27°18	28°14	25°21	25°21	29°R28	1°55	23°R31	13°R 4	17°12	12°31	11° 5	9°49	19°23	T 2
W 3	2 49 48	10°38'51	9♉16	29°55	26°28	25°41	29°24	2° 2	23°29	13° 2	17°12	12°R31	11° 2	9°56	19°31	W 3
T 4	2 53 45	11°38'34	21°26	1♉36	27°34	26° 1	29°20	2° 8	23°27	13° 1	17°12	12°31	10°58	10° 3	19°40	T 4
F 5	2 57 41	12°38'20	3♌53	3°18	28°39	26°21	29°16	2°14	23°24	12°59	17°13	12°29	10°55	10° 9	19°48	F 5
S 6	3 1 38	13°38'07	16°39	4°59	29°45	26°39	29°13	2°21	23°22	12°58	17°13	12°24	10°52	10°16	19°56	S 6
S 7	3 5 34	14°37'57	29°46	6°40	0♊50	26°58	29° 9	2°27	23°20	12°57	17°13	12°17	10°49	10°23	20° 5	S 7
M 8	3 9 31	15°37'49	13♉14	8°21	1°55	27°15	29° 6	2°33	23°18	12°55	17°14	12° 7	10°46	10°29	20°13	M 8
T 9	3 13 27	16°37'42	27° 0	10° 2	3° 0	27°33	29° 3	2°39	23°16	12°54	17°14	11°56	10°42	10°36	20°22	T 9
W10	3 17 24	17°37'38	11♌ 1	11°42	4° 5	27°49	29° 0	2°46	23°13	12°53	17°14	11°46	10°39	10°43	20°30	W10
T 11	3 21 20	18°37'35	25°12	13°22	5°10	28° 5	28°57	2°52	23°11	12°51	17°14	11°36	10°36	10°49	20°38	T 11
F 12	3 25 17	19°37'35	9♊28	15° 1	6°14	28°21	28°55	2°58	23° 9	12°50	17°15	11°28	10°33	10°56	20°47	F 12
S 13	3 29 14	20°37'35	23°44	16°41	7°18	28°36	28°52	3° 4	23° 7	12°49	17°15	11°22	10°30	11° 3	20°55	S 13
S 14	3 33 10	21°37'37	7♉57	18°20	8°22	28°50	28°50	3° 9	23° 5	12°48	17°15	11°20	10°27	11° 9	21° 4	S 14
M15	3 37 7	22°37'41	22° 5	19°58	9°25	29° 4	28°48	3°15	23° 3	12°47	17°15	11°D19	10°23	11°16	21°12	M15
T 16	3 41 3	23°37'46	6♉ 6	21°36	10°29	29°17	28°47	3°21	23° 1	12°45	17°15	11°R19	10°20	11°23	21°20	T 16
W17	3 45 0	24°37'53	20° 1	23°14	11°31	29°29	28°45	3°27	22°59	12°44	17°15	11°19	10°17	11°29	21°29	W17
T 18	3 48 56	25°38'01	3♉49	24°51	12°34	29°41	28°44	3°32	22°57	12°43	17°R15	11°17	10°14	11°36	21°37	T 18
F 19	3 52 53	26°38'10	17°30	26°28	13°37	29°52	28°43	3°38	22°55	12°42	17°15	11°13	10°11	11°42	21°45	F 19
S 20	3 56 49	27°38'22	1♊ 1	28° 4	14°39	0♊ 3	28°42	3°43	22°53	12°41	17°15	11° 6	10° 8	11°49	21°54	S 20
S 21	4 0 46	28°38'34	14°22	29°40	15°40	0°13	28°41	3°49	22°52	12°40	17°15	10°55	10° 4	11°56	22° 2	S 21
M22	4 4 43	29°38'49	27°30	1♌16	16°42	0°22	28°41	3°54	22°50	12°39	17°15	10°43	10° 1	12° 2	22°10	M22
T 23	4 8 39	0♌39'05	10♉25	2°51	17°43	0°30	28°41	3°59	22°48	12°38	17°15	10°30	9°58	12° 9	22°19	T 23
W24	4 12 36	1°39'23	23° 4	4°26	18°43	0°38	28°D41	4° 4	22°46	12°37	17°15	10°16	9°55	12°16	22°27	W24
T 25	4 16 32	2°39'42	5♊28	6° 1	19°44	0°45	28°41	4°10	22°44	12°36	17°14	10° 4	9°52	12°22	22°35	T 25
F 26	4 20 29	3°40'04	17°38	7°36	20°43	0°51	28°41	4°15	22°43	12°35	17°14	9°54	9°48	12°29	22°44	F 26
S 27	4 24 25	4°40'27	29°37	9°10	21°43	0°56	28°42	4°20	22°41	12°34	17°14	9°47	9°45	12°36	22°52	S 27
S 28	4 28 22	5°40'52	11♊28	10°44	22°42	1° 1	28°43	4°25	22°40	12°33	17°14	9°43	9°42	12°42	23° 0	S 28
M29	4 32 18	6°41'19	23°16	12°18	23°41	1° 5	28°44	4°29	22°38	12°33	17°13	9°41	9°39	12°49	23° 9	M29
T 30	4 36 15	7°41'47	5♉ 5	13♌51	24♊39	1♊ 8	28°H45	4♌34	22°R37	12°R32	17♊13	9♉41	9♉36	12♌56	23♉17	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	14s20	13n55	2s20	8s30	1n49	26s 6	2s53	22n 4	1n 2	1s33	1s29	1n 4	1n56	8n30	0s39	3n50
T 2	14 39	11 6	1 21	9 10	1 45	26 11	2 55	22 3	1 4	1 34	1 29	1 1	1 56	8 29	0 39	3 49
W 3	14 58	7 48	0 18	9 50	1 41	26 16	2 58	22 1	1 7	1 36	1 29	0 59	1 57	8 29	0 39	3 49
T 4	15 16	4 7	0n48	10 29	1 36	26 19	3 0	21 59	1 9	1 37	1 29	0 56	1 57	8 28	0 39	3 48
F 5	15 34	0 10	1 52	11 8	1 31	26 22	3 2	21 58	1 11	1 39	1 29	0 54	1 57	8 27	0 39	3 48
S 6	15 52	3s52	2 52	11 47	1 25	26 25	3 4	21 57	1 13	1 40	1 28	0 52	1 57	8 26	0 39	3 47
S 7	16 10	7 51	3 44	12 26	1 20	26 26	3 6	21 55	1 16	1 41	1 28	0 49	1 57	8 25	0 39	3 46
M 8	16 27	11 31	4 26	13 4	1 14	26 27	3 7	21 54	1 18	1 42	1 28	0 47	1 57	8 24	0 39	3 46
T 9	16 45	14 40	4 53	13 42	1 8	26 28	3 9	21 53	1 20	1 43	1 28	0 45	1 58	8 24	0 39	3 45
W10	17 1	17 1	5 3	14 19	1 1	26 28	3 11	21 52	1 22	1 44	1 27	0 43	1 58	8 23	0 39	3 45
T 11	17 18	18 21	4 54	14 55	0 55	26 27	3 12	21 51	1 25	1 45	1 27	0 40	1 58	8 22	0 39	3 45
F 12	17 34	18 33	4 28	15 31	0 48	26 25	3 13	21 50	1 27	1 46	1 27	0 38	1 58	8 21	0 39	3 44
S 13	17 50	17 35	3 45	16 6	0 42	26 23	3 14	21 50	1 30	1 46	1 27	0 36	1 58	8 21	0 39	3 44
S 14	18 6	15 31	2 47	16 40	0 35	26 20	3 16	21 49	1 32	1 47	1 27	0 34	1 59	8 20	0 39	3 43
M15	18 21	12 31	1 40	17 13	0 28	26 17	3 16	21 49	1 35	1 48	1 26	0 32	1 59	8 19	0 39	3 43
T 16	18 37	8 48	0 28	17 45	0 21	26 13	3 17	21 48	1 37	1 48	1 26	0 30	1 59	8 18	0 39	3 42
W17	18 51	4 39	0s46	18 16	0 15	26 8	3 18	21 48	1 40	1 48	1 26	0 28	1 59	8 18	0 39	3 42
T 18	19 6	0 16	1 56	18 47	0 8	26 3	3 18	21 48	1 42	1 49	1 26	0 26	1 59	8 17	0 39	3 41
F 19	19 20	4n 5	2 59	19 16	0 1	25 57	3 19	21 48	1 45	1 49	1 25	0 24	2 0	8 16	0 39	3 41
S 20	19 33	8 10	3 51	19 45	0s 6	25 51	3 19	21 49	1 47	1 49	1 25	0 22	2 0	8 16	0 39	3 41
S 21	19 47	11 48	4 29	20 12	0 13	25 44	3 19	21 49	1 50	1 49	1 25	0 20	2 0	8 15	0 39	3 40
M22	20 0	14 46	4 53	20 39	0 19	25 36	3 19	21 50	1 53	1 49	1 25	0 18	2 0	8 14	0 39	3 40
T 23	20 13	16 58	5 0	21 4	0 26	25 28	3 19	21 51	1 55	1 49	1 24	0 16	2 0	8 14	0 39	3 40
W24	20 25	18 17	4 53	21 29	0 32	25 19	3 18	21 52	1 58	1 49	1 24	0 14	2 1	8 13	0 39	3 39
T 25	20 37	18 42	4 32	21 52	0 39	25 10	3 18	21 53	2 1	1 48	1 24	0 12	2 1	8 13	0 39	3 39
F 26	20 48	18 15	3 59	22 14	0 45	25 0	3 17	21 54	2 3	1 48	1 24	0 10	2 1	8 12	0 39	3 39
S 27	20 59	16 58	3 15	22 35	0 52	24 50	3 16	21 56	2 6	1 48	1 23	0 9	2 1	8 11	0 39	3 38
S 28	21 10	14 58	2 23	22 55	0 58	24 39	3 15	21 57	2 9	1 47	1 23	0 7	2 1	8 11	0 39	3 38
M29	21 21	12 21	1 26	23 14	1 4	24 28	3 14	21 59	2 12	1 46	1 23	0 5	2 2	8 10	0 39	3 38
T 30	21s31	9n14	0s24	23s32	1s10	24s16	3s12	22n 1	2n15	1s46	1s23	0n 4	2n 2	8n10	0s39	3n37

Julian Day Number = 2702405.5, Delta T = 26m15s  
 Ecliptic obliquity = 23°20'52, Nutation = - 0°00'07  
 Ayanamsha: Fagan/Bradley = 34°20'55, Lahiri = 33°27'55



## ASTRODIENST EPHEMERIS for the year 2687

JANUARY 2687

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 42 25	10°37'56"	2°22'	0°11'	19°34'	25°12'	1°13'	6°19'	22°12'	12°24'	16°48'	6°30'	7°48'	16°42'	27°36'	S 1
S 2	6 46 21	11° 9'00"	15°36'	1°11'	19°34'	25°12'	1°13'	6°19'	22°12'	12°24'	16°48'	6°30'	7°48'	16°42'	27°36'	S 2
M 3	6 50 18	12°10'05"	29°18'	2° 6'	19°58'	24°49'	1°20'	6°21'	22°12'	12°24'	16°48'	6°30'	7°48'	16°42'	27°36'	M 3
T 4	6 54 15	13°11'11"	13°28'	2°55'	20°21'	24°27'	1°28'	6°22'	22°12'	12°25'	16°47'	6°21'	7°45'	16°49'	27°43'	T 4
W 5	6 58 11	14°12'17"	28° 4'	3°36'	20°43'	24° 3'	1°36'	6°23'	22°13'	12°25'	16°46'	6°12'	7°41'	16°55'	27°50'	W 5
T 6	7 2 8	15°13'24"	12°59'	4°10'	21° 2'	23°40'	1°44'	6°24'	22°13'	12°25'	16°45'	6° 4'	7°38'	17° 2'	27°56'	T 6
F 7	7 6 4	16°14'31"	28° 3'	4°35'	21°19'	23°17'	1°52'	6°25'	22°13'	12°26'	16°44'	5°58'	7°35'	17° 9'	28° 3'	F 7
S 8	7 10 1	17°15'38"	13° 7'	4°50'	21°34'	22°53'	2° 0'	6°26'	22°14'	12°26'	16°43'	5°53'	7°32'	17°15'	28°10'	S 8
S 9	7 13 57	18°16'46"	28° 3'	4°R54	21°47'	22°29'	2° 9'	6°27'	22°14'	12°27'	16°41'	5°51'	7°29'	17°22'	28°16'	S 9
M10	7 17 54	19°17'53"	12°43'	4°47'	21°58'	22° 5'	2°17'	6°28'	22°14'	12°28'	16°40'	5°D51	7°26'	17°29'	28°22'	M10
T 11	7 21 50	20°19'01"	27° 2'	4°29'	22° 6'	21°41'	2°26'	6°28'	22°15'	12°28'	16°39'	5°52'	7°22'	17°35'	28°29'	T 11
W12	7 25 47	21°20'08"	11° 0'	3°59'	22°13'	21°17'	2°35'	6°29'	22°16'	12°29'	16°38'	5°53'	7°19'	17°42'	28°35'	W12
T 13	7 29 44	22°21'15"	24°36'	3°17'	22°16'	20°54'	2°44'	6°29'	22°16'	12°30'	16°37'	5°R54	7°16'	17°49'	28°41'	T 13
F 14	7 33 40	23°22'22"	7°56'	2°24'	22°R18	20°30'	2°53'	6°30'	22°17'	12°30'	16°35'	5°53'	7°13'	17°55'	28°47'	F 14
S 15	7 37 37	24°23'28"	20°50'	1°21'	22°17'	20° 7'	3° 2'	6°30'	22°18'	12°31'	16°34'	5°49'	7°10'	18° 2'	28°53'	S 15
S 16	7 41 33	25°24'35"	3°33'	0°10'	22°13'	19°43'	3°12'	6°R30	22°18'	12°32'	16°33'	5°44'	7° 6'	18° 9'	28°59'	S 16
M17	7 45 30	26°25'41"	16° 3'	28°54	22° 7'	19°21'	3°21'	6°30'	22°19'	12°33'	16°32'	5°38'	7° 3'	18°15'	29° 5'	M17
T 18	7 49 26	27°26'47"	28°22'	27°34'	21°58'	18°58'	3°31'	6°29'	22°20'	12°33'	16°30'	5°31'	7° 0'	18°22'	29°11'	T 18
W19	7 53 23	28°27'53"	10°33'	26°13'	21°47'	18°36'	3°40'	6°29'	22°21'	12°34'	16°29'	5°23'	6°57'	18°29'	29°17'	W19
T 20	7 57 19	29°28'58"	22°33'	24°54'	21°33'	18°14'	3°50'	6°29'	22°22'	12°35'	16°28'	5°17'	6°54'	18°35'	29°22'	T 20
F 21	8 1 16	0°30'03"	4°28'	23°39'	21°17'	17°53'	4° 0'	6°28'	22°23'	12°36'	16°27'	5°12'	6°51'	18°42'	29°28'	F 21
S 22	8 5 13	1°31'09"	16°19'	22°31'	20°58'	17°32'	4°11'	6°28'	22°24'	12°37'	16°25'	5° 8'	6°47'	18°49'	29°33'	S 22
S 23	8 9 9	2°32'13"	28° 6'	21°30'	20°38'	17°12'	4°21'	6°27'	22°25'	12°38'	16°24'	5° 6'	6°44'	18°55'	29°39'	S 23
M24	8 13 6	3°33'18"	9°14'	20°38'	20°14'	16°52'	4°31'	6°26'	22°26'	12°39'	16°23'	5°D 6	6°41'	19° 2'	29°44'	M24
T 25	8 17 2	4°34'23"	21°44'	19°55'	19°49'	16°33'	4°42'	6°25'	22°28'	12°40'	16°21'	5° 7'	6°38'	19° 9'	29°49'	T 25
W26	8 20 59	5°35'27"	3°40'	19°22'	19°21'	16°14'	4°52'	6°24'	22°29'	12°41'	16°20'	5° 9'	6°35'	19°15'	29°54'	W26
T 27	8 24 55	6°36'31"	15°47'	18°59'	18°52'	15°56'	5° 3'	6°23'	22°30'	12°43'	16°19'	5°11'	6°32'	19°22'	29°59'	T 27
F 28	8 28 52	7°37'35"	28° 9'	18°45'	18°21'	15°39'	5°14'	6°22'	22°32'	12°44'	16°17'	5°12'	6°28'	19°28'	0° 4'	F 28
S 29	8 32 48	8°38'39"	10°51'	18°D40	17°49'	15°22'	5°25'	6°20'	22°33'	12°45'	16°16'	5°R12	6°25'	19°35'	0° 9'	S 29
S 30	8 36 45	9°39'43"	23°57'	18°44'	17°15'	15° 7'	5°36'	6°19'	22°34'	12°46'	16°14'	5°12'	6°22'	19°42'	0°14'	S 30
M31	8 40 42	10°40'46"	7°30'	18°55'	16°40'	14°55'	5°47'	6°17'	22°36'	12°47'	16°13'	5°10'	6°19'	19°48'	0°19'	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	22s58	8s17	4n14	21s33	1s33	15s20	0s19	24n37	3n44	0s43	1s15	0s30	2n10	8n 2	0s38	3n35
S 2	22 53	11 52	4 46	21 11	1 24	15 2	0 9	24 43	3 46	0 40	1 15	0 30	2 11	8 2	0 38	3 36
M 3	22 48	14 58	5 4	20 49	1 14	14 44	0n 2	24 49	3 48	0 36	1 14	0 30	2 11	8 2	0 38	3 36
T 4	22 42	17 18	5 4	20 26	1 2	14 26	0 13	24 55	3 50	0 33	1 14	0 31	2 11	8 2	0 38	3 36
W 5	22 36	18 35	4 45	20 4	0 49	14 9	0 24	25 1	3 52	0 30	1 14	0 31	2 11	8 2	0 37	3 36
T 6	22 29	18 38	4 6	19 43	0 35	13 52	0 36	25 7	3 54	0 27	1 14	0 31	2 12	8 2	0 37	3 36
F 7	22 22	17 23	3 9	19 23	0 20	13 35	0 48	25 13	3 55	0 23	1 13	0 31	2 12	8 2	0 37	3 37
S 8	22 14	14 54	2 0	19 3	0 4	13 18	1 1	25 18	3 57	0 20	1 13	0 31	2 12	8 3	0 37	3 37
S 9	22 6	11 27	0 42	18 45	0n13	13 2	1 13	25 24	3 58	0 16	1 13	0 31	2 13	8 3	0 37	3 37
M10	21 58	7 20	0s37	18 30	0 31	12 46	1 26	25 29	3 59	0 13	1 13	0 31	2 13	8 3	0 37	3 37
T 11	21 49	2 53	1 52	18 16	0 50	12 31	1 40	25 34	4 1	0 9	1 13	0 31	2 13	8 3	0 37	3 38
W12	21 40	1n36	2 59	18 4	1 9	12 16	1 53	25 39	4 2	0 5	1 12	0 31	2 13	8 3	0 37	3 38
T 13	21 30	5 52	3 53	17 55	1 28	12 1	2 7	25 44	4 3	0 1	1 12	0 31	2 14	8 4	0 37	3 38
F 14	21 20	9 45	4 34	17 48	1 47	11 47	2 22	25 48	4 4	0n 2	1 12	0 31	2 14	8 4	0 37	3 39
S 15	21 9	13 4	5 0	17 44	2 6	11 34	2 36	25 53	4 4	0 6	1 12	0 31	2 14	8 4	0 37	3 39
S 16	20 59	15 43	5 10	17 43	2 23	11 21	2 51	25 57	4 5	0 10	1 12	0 30	2 15	8 5	0 37	3 39
M17	20 47	17 34	5 5	17 43	2 38	11 9	3 6	26 1	4 6	0 14	1 11	0 30	2 15	8 5	0 37	3 40
T 18	20 35	18 34	4 46	17 46	2 52	10 57	3 21	26 4	4 6	0 18	1 11	0 30	2 15	8 5	0 37	3 40
W19	20 23	18 42	4 14	17 50	3 3	10 47	3 36	26 8	4 6	0 22	1 11	0 29	2 15	8 6	0 37	3 40
T 20	20 11	17 59	3 31	17 56	3 12	10 36	3 52	26 11	4 7	0 26	1 11	0 29	2 16	8 6	0 37	3 41
F 21	19 58	16 29	2 40	18 2	3 18	10 27	4 7	26 14	4 7	0 30	1 11	0 29	2 16	8 7	0 37	3 41
S 22	19 45	14 17	1 41	18 10	3 21	10 18	4 22	26 17	4 7	0 34	1 11	0 28	2 16	8 7	0 37	3 42
S 23	19 31	11 29	0 38	18 18	3 22	10 10	4 37	26 20	4 7	0 39	1 10	0 28	2 17	8 7	0 37	3 42
M24	19 17	8 14	0n26	18 27	3 21	10 3	4 53	26 22	4 7	0 43	1 10	0 27	2 17	8 8	0 37	3 42
T 25	19 3	4 39	1 30	18 36	3 18	9 57	5 8	26 24	4 6	0 47	1 10	0 26	2 17	8 8	0 37	3 43
W26	18 48	0 51	2 31	18 45	3 14	9 51	5 22	26 26	4 6	0 52	1 10	0 26	2 17	8 9	0 37	3 43
T 27	18 33	3s 2	3 25	18 55	3 8	9 46	5 36	26 28	4 6	0 56	1 10	0 25	2 18	8 9	0 37	3 44
F 28	18 18	6 51	4 12	19 4	3 0	9 42	5 50	26 30	4 5	1 0	1 9	0 24	2 18	8 10	0 37	3 44
S 29	18 2	10 28	4 47	19 13	2 52	9 39	6 4	26 31	4 5	1 5	1 9	0 23	2 18	8 11	0 37	3 45
S 30	17 46	13 41	5 9	19 21	2 43	9 37	6 17	26 32	4 4	1 9	1 9	0 23	2 18	8 11	0 37	3 45
M31	17s29	16s18	5n15	19s29	2n34	9s35	6n29	26n33	4n 3	1n14	1s 9	0s22	2n19	8n12	0s37	3n46

Julian Day Number = 2702466.5, Delta T = 26m16s

Ecliptic obliquity = 23°20'51", Nutation = - 0°00'06"

Ayanamsha: Fagan/Bradley = 34°21'04", Lahiri = 33°28'04"

# ASTRODIENST EPHEMERIS for the year 2687

FEBRUARY 2687

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 44 38	11°41'49	21°31	19°31	16°R 4	14°R37	5°V58	6°R15	22°V38	12°V49	16°R12	5°R 7	6°R16	19°R55	0°R23	T 1
W 2	8 48 35	12°42'52	6°3 0	19°38	15°R28	14°R23	6°10	6°14	22°39	12°50	16°R10	5°R 4	6°12	20° 2	0°28	W 2
T 3	8 52 31	13°43'55	20°52	20° 9	14°51	14°11	6°21	6°12	22°41	12°51	16° 9	5° 0	6° 9	20° 8	0°32	T 3
F 4	8 56 28	14°44'56	6°R 0	20°46	14°14	13°59	6°33	6°10	22°42	12°53	16° 8	4°58	6° 6	20°15	0°37	F 4
S 5	9 0 24	15°45'58	21°15	21°27	13°37	13°47	6°44	6° 8	22°44	12°54	16° 6	4°57	6° 3	20°22	0°41	S 5
S 6	9 4 21	16°46'58	6°R26	22°13	13° 1	13°37	6°56	6° 6	22°46	12°56	16° 5	4°D56	6° 0	20°28	0°45	S 6
M 7	9 8 17	17°47'57	21°24	23° 3	12°25	13°27	7° 8	6° 3	22°48	12°57	16° 4	4°57	5°57	20°35	0°49	M 7
T 8	9 12 14	18°48'56	6°V 3	23°56	11°50	13°18	7°20	6° 1	22°50	12°59	16° 2	4°58	5°53	20°42	0°53	T 8
W 9	9 16 11	19°49'53	20°17	24°53	11°16	13°10	7°32	5°58	22°52	13° 0	16° 1	4°59	5°50	20°48	0°57	W 9
T 10	9 20 7	20°50'49	4°R 5	25°53	10°44	13° 3	7°44	5°56	22°54	13° 2	15°59	5° 0	5°47	20°55	1° 0	T 10
F 11	9 24 4	21°51'44	17°27	26°55	10°12	12°57	7°56	5°53	22°56	13° 3	15°58	5°R 1	5°44	21° 2	1° 4	F 11
S 12	9 28 0	22°52'38	0°R25	28° 0	9°43	12°51	8° 8	5°50	22°58	13° 5	15°57	5° 0	5°41	21° 8	1° 7	S 12
S 13	9 31 57	23°53'30	13° 3	29° 8	9°16	12°47	8°21	5°47	23° 0	13° 6	15°55	5° 0	5°37	21°15	1°11	S 13
M14	9 35 53	24°54'21	25°25	0°R17	8°50	12°43	8°33	5°45	23° 2	13° 8	15°54	4°59	5°34	21°22	1°14	M14
T 15	9 39 50	25°55'11	7°R34	1°28	8°27	12°39	8°46	5°41	23° 4	13°10	15°53	4°57	5°31	21°28	1°17	T 15
W16	9 43 46	26°56'00	19°33	2°42	8° 5	12°37	8°58	5°38	23° 6	13°11	15°51	4°56	5°28	21°35	1°20	W16
T 17	9 47 43	27°56'48	1°R26	3°56	7°47	12°36	9°11	5°35	23° 9	13°13	15°50	4°55	5°25	21°41	1°23	T 17
F 18	9 51 40	28°57'34	13°15	5°13	7°30	12°35	9°24	5°32	23°11	13°15	15°49	4°54	5°22	21°48	1°26	F 18
S 19	9 55 36	29°58'18	25° 3	6°31	7°16	12°D35	9°37	5°29	23°13	13°17	15°47	4°54	5°18	21°55	1°29	S 19
S 20	9 59 33	0°R59'02	6°R52	7°50	7° 5	12°35	9°50	5°25	23°15	13°18	15°46	4°D54	5°15	22° 1	1°32	S 20
M21	10 3 29	1°59'44	18°44	9°10	6°56	12°37	10° 3	5°22	23°18	13°20	15°45	4°54	5°12	22° 8	1°34	M21
T 22	10 7 26	3° 0'26	0°R40	10°32	6°49	12°39	10°16	5°18	23°20	13°22	15°43	4°54	5° 9	22°15	1°37	T 22
W23	10 11 22	4° 1'06	12°45	11°55	6°45	12°42	10°29	5°14	23°23	13°24	15°42	4°54	5° 6	22°21	1°39	W23
T 24	10 15 19	5° 1'45	24°59	13°19	6°D43	12°45	10°42	5°11	23°25	13°26	15°41	4°R54	5° 3	22°28	1°41	T 24
F 25	10 19 15	6° 2'22	7°R27	14°44	6°44	12°50	10°55	5° 7	23°28	13°28	15°39	4°54	4°59	22°35	1°44	F 25
S 26	10 23 12	7° 2'59	20°10	16°10	6°48	12°55	11° 8	5° 3	23°30	13°29	15°38	4°54	4°56	22°41	1°46	S 26
S 27	10 27 8	8° 3'35	3°R13	17°38	6°53	13° 0	11°22	4°59	23°33	13°31	15°37	4°D54	4°53	22°48	1°47	S 27
M28	10 31 5	9°R 4'09	16°R37	19°R 6	7°R 1	13°R 7	11°V35	4°R55	23°V36	13°V33	15°R36	4°R54	4°R50	22°R55	1°R49	M28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
T 1	17s13	18s 3	5n 2	19s36	2n24	9s34	6n41	26n34	4n 2	1n19	1s 9	0s21	2n19	8n12	0s36	T 1
W 2	16 56	18 42	4 31	19 43	2 13	9 34	6 52	26 35	4 2	1 23	1 9	0 20	2 19	8 13	0 36	W 2
T 3	16 38	18 7	3 40	19 49	2 3	9 35	7 2	26 35	4 1	1 28	1 9	0 19	2 19	8 14	0 36	T 3
F 4	16 21	16 13	2 33	19 54	1 52	9 36	7 11	26 35	4 0	1 32	1 8	0 18	2 20	8 14	0 36	F 4
S 5	16 3	13 11	1 15	19 58	1 41	9 38	7 20	26 36	3 59	1 37	1 8	0 17	2 20	8 15	0 36	S 5
S 6	15 45	9 15	0s 8	20 2	1 31	9 41	7 28	26 36	3 58	1 42	1 8	0 16	2 20	8 16	0 36	S 6
M 7	15 26	4 46	1 30	20 4	1 20	9 44	7 35	26 35	3 56	1 47	1 8	0 15	2 21	8 16	0 36	M 7
T 8	15 8	0 7	2 44	20 6	1 10	9 47	7 41	26 35	3 55	1 52	1 8	0 13	2 21	8 17	0 36	T 8
W 9	14 49	4n24	3 46	20 6	0 59	9 51	7 46	26 35	3 54	1 56	1 8	0 12	2 21	8 18	0 36	W 9
T 10	14 29	8 33	4 32	20 5	0 49	9 56	7 50	26 34	3 53	2 1	1 7	0 11	2 21	8 19	0 36	T 10
F 11	14 10	12 8	5 3	20 3	0 39	10 1	7 53	26 33	3 51	2 6	1 7	0 10	2 21	8 19	0 36	F 11
S 12	13 50	15 0	5 16	20 0	0 29	10 6	7 55	26 33	3 50	2 11	1 7	0 8	2 22	8 20	0 36	S 12
S 13	13 30	17 5	5 14	19 56	0 19	10 12	7 57	26 32	3 49	2 16	1 7	0 7	2 22	8 21	0 36	S 13
M14	13 10	18 19	4 57	19 51	0 10	10 17	7 57	26 31	3 47	2 21	1 7	0 6	2 22	8 22	0 36	M14
T 15	12 50	18 41	4 28	19 44	0 1	10 23	7 57	26 30	3 46	2 26	1 7	0 4	2 22	8 23	0 36	T 15
W16	12 29	18 12	3 46	19 37	0s 8	10 29	7 56	26 28	3 44	2 31	1 7	0 3	2 23	8 23	0 36	W16
T 17	12 9	16 54	2 56	19 28	0 17	10 36	7 55	26 27	3 43	2 36	1 7	0 1	2 23	8 24	0 36	T 17
F 18	11 48	14 54	1 58	19 18	0 25	10 42	7 53	26 26	3 41	2 41	1 6	0n 0	2 23	8 25	0 36	F 18
S 19	11 26	12 16	0 55	19 7	0 33	10 48	7 50	26 24	3 40	2 47	1 6	0 2	2 23	8 26	0 36	S 19
S 20	11 5	9 8	0n11	18 54	0 41	10 54	7 46	26 23	3 38	2 52	1 6	0 3	2 23	8 27	0 36	S 20
M21	10 43	5 37	1 16	18 40	0 48	11 1	7 42	26 21	3 37	2 57	1 6	0 5	2 24	8 28	0 36	M21
T 22	10 22	1 51	2 19	18 25	0 56	11 7	7 37	26 19	3 35	3 2	1 6	0 6	2 24	8 29	0 36	T 22
W23	10 0	2s 1	3 16	18 9	1 3	11 13	7 32	26 17	3 34	3 7	1 6	0 8	2 24	8 30	0 36	W23
T 24	9 38	5 51	4 4	17 52	1 9	11 18	7 27	26 15	3 32	3 13	1 6	0 10	2 24	8 31	0 36	T 24
F 25	9 16	9 29	4 42	17 33	1 16	11 24	7 21	26 13	3 30	3 18	1 6	0 11	2 24	8 32	0 36	F 25
S 26	8 53	12 46	5 8	17 14	1 22	11 29	7 14	26 11	3 29	3 23	1 6	0 13	2 25	8 32	0 36	S 26
S 27	8 31	15 31	5 18	16 53	1 27	11 34	7 8	26 9	3 27	3 28	1 5	0 15	2 25	8 33	0 36	S 27
M28	8s 8	17s31	5n12	16s31	1s33	11s39	7n 1	26n 7	3n26	3n34	1s 5	0n16	2n25	8n34	0s36	M28

Julian Day Number = 2702497.5, Delta T = 26m16s  
 Ecliptic obliquity = 23°20'52, Nutation = - 0°00'06  
 Ayanamsha: Fagan/Bradley = 34°21'08, Lahiri = 33°28'08

## ASTRODIENST EPHEMERIS for the year 2687

MARCH 2687

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 35 2	10°43'	0°25'	20°35'	7°11'	13°14'	11°49'	4°R51	23°38'	13°35'	15°R34	4°54'	4°47'	23°1	1°51'	T 1
W 2	10 38 58	11° 5'15	14°38'	22° 6'	7°24'	13°21'	12° 2'	4°47'	23°41'	13°37'	15°R33	4°55'	4°43'	23° 8'	1°52'	W 2
T 3	10 42 55	12° 5'46	23°37'	23°37'	7°38'	13°29'	12°16'	4°43'	23°44'	13°39'	15°32'	4°55'	4°40'	23°15'	1°54'	T 3
F 4	10 46 51	13° 6'16	14°36'	25° 9'	7°55'	13°38'	12°29'	4°38'	23°47'	13°41'	15°31'	4°56'	4°37'	23°21'	1°55'	F 4
S 5	10 50 48	14° 6'44	29°11'	26°43'	8°13'	13°48'	12°43'	4°34'	23°49'	13°43'	15°30'	4°R56	4°34'	23°28'	1°56'	S 5
S 6	10 54 44	15° 7'11	14°19'	28°17'	8°34'	13°58'	12°57'	4°30'	23°52'	13°45'	15°28'	4°56'	4°31'	23°34'	1°58'	S 6
M 7	10 58 41	16° 7'36	29°22'	29°52'	8°56'	14° 8'	13°10'	4°25'	23°55'	13°47'	15°27'	4°56'	4°28'	23°41'	1°59'	M 7
T 8	11 2 37	17° 7'59	14°10'	1°28'	9°20'	14°19'	13°24'	4°21'	23°58'	13°49'	15°26'	4°55'	4°24'	23°48'	1°59'	T 8
W 9	11 6 34	18° 8'21	28°36'	3° 5'	9°46'	14°31'	13°38'	4°16'	24° 1'	13°52'	15°25'	4°53'	4°21'	23°54'	2° 0'	W 9
T 10	11 10 31	19° 8'41	12°36'	4°43'	10°13'	14°43'	13°52'	4°12'	24° 4'	13°54'	15°24'	4°51'	4°18'	24° 1'	2° 1'	T 10
F 11	11 14 27	20° 8'59	26° 8'	6°22'	10°43'	14°56'	14° 6'	4° 7'	24° 7'	13°56'	15°23'	4°49'	4°15'	24° 8'	2° 1'	F 11
S 12	11 18 24	21° 9'15	9°14'	8° 3'	11°13'	15° 9'	14°20'	4° 3'	24°10'	13°58'	15°22'	4°48'	4°12'	24°14'	2° 2'	S 12
S 13	11 22 20	22° 9'29	21°55'	9°44'	11°45'	15°23'	14°34'	3°58'	24°13'	14° 0'	15°21'	4°D48	4° 9'	24°21'	2° 2'	S 13
M14	11 26 17	23° 9'41	4°57'	11°26'	12°19'	15°38'	14°48'	3°54'	24°16'	14° 2'	15°20'	4°48'	4° 5'	24°28'	2° 2'	M14
T 15	11 30 13	24° 9'51	16°23'	13° 9'	12°54'	15°52'	15° 2'	3°49'	24°19'	14° 4'	15°19'	4°49'	4° 2'	24°34'	2°R 3	T 15
W16	11 34 10	25° 9'59	28°18'	14°53'	13°30'	16° 8'	15°16'	3°44'	24°22'	14° 7'	15°18'	4°51'	3°59'	24°41'	2° 2'	W16
T 17	11 38 6	26°10'05	10°17'	16°39'	14° 7'	16°23'	15°30'	3°40'	24°25'	14° 9'	15°17'	4°53'	3°56'	24°48'	2° 2'	T 17
F 18	11 42 3	27°10'09	21°54'	18°25'	14°46'	16°40'	15°45'	3°35'	24°28'	14°11'	15°16'	4°54'	3°53'	24°54'	2° 2'	F 18
S 19	11 46 0	28°10'11	3°42'	20°13'	15°26'	16°56'	15°59'	3°30'	24°31'	14°13'	15°15'	4°R55	3°49'	25° 1'	2° 2'	S 19
S 20	11 49 56	29°10'11	15°35'	22° 2'	16° 7'	17°13'	16°13'	3°25'	24°34'	14°15'	15°14'	4°54'	3°46'	25° 7'	2° 1'	S 20
M21	11 53 53	0°10'09	27°34'	23°51'	16°49'	17°31'	16°27'	3°21'	24°38'	14°18'	15°13'	4°52'	3°43'	25°14'	2° 1'	M21
T 22	11 57 49	1°10'06	9°42'	25°42'	17°32'	17°49'	16°42'	3°16'	24°41'	14°20'	15°12'	4°49'	3°40'	25°21'	2° 0'	T 22
W23	12 1 46	2°10'00	22° 0'	27°34'	18°16'	18° 7'	16°56'	3°11'	24°44'	14°22'	15°11'	4°45'	3°37'	25°27'	1°59'	W23
T 24	12 5 42	3° 9'53	4°29'	29°27'	19° 1'	18°25'	17°10'	3° 6'	24°47'	14°24'	15°10'	4°40'	3°34'	25°34'	1°58'	T 24
F 25	12 9 39	4° 9'44	17°11'	1°22'	19°47'	18°45'	17°25'	3° 1'	24°50'	14°26'	15° 9'	4°35'	3°30'	25°41'	1°57'	F 25
S 26	12 13 35	5° 9'33	0°17'	3°17'	20°34'	19° 4'	17°39'	2°57'	24°54'	14°29'	15° 8'	4°31'	3°27'	25°47'	1°56'	S 26
S 27	12 17 32	6° 9'20	13°16'	5°13'	21°22'	19°24'	17°53'	2°52'	24°57'	14°31'	15° 8'	4°28'	3°24'	25°54'	1°55'	S 27
M28	12 21 28	7° 9'06	26°41'	7°11'	22°10'	19°44'	18° 8'	2°47'	25° 0'	14°33'	15° 7'	4°26'	3°21'	26° 1'	1°54'	M28
T 29	12 25 25	8° 8'51	10°23'	9° 9'	23° 0'	20° 4'	18°22'	2°42'	25° 4'	14°35'	15° 6'	4°D25	3°18'	26° 7'	1°52'	T 29
W30	12 29 22	9° 8'34	24°22'	11° 8'	23°50'	20°25'	18°37'	2°38'	25° 7'	14°38'	15° 5'	4°26'	3°14'	26°14'	1°51'	W30
T 31	12 33 18	10° 8'15	8°38'	13° 8'	24°41'	20°46'	18°51'	2°33'	25°10'	14°40'	15° 5'	4°27'	3°11'	26°21'	1°49'	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
T 1	7s46	18s34	4n47	16s 7	1s38	11s44	6n54	26n 5	3n24	3n39	1s 5	0n18	2n25	8n35	0s36	4n 5
W 2	7 23	18 29	4 5	15 43	1 43	11 48	6 46	26 2	3 22	3 44	1 5	0 20	2 25	8 36	0 36	4 6
T 3	7 0	17 12	3 6	15 17	1 47	11 52	6 39	26 0	3 21	3 50	1 5	0 22	2 26	8 38	0 36	4 7
F 4	6 37	14 43	1 53	14 50	1 51	11 55	6 31	25 57	3 19	3 55	1 5	0 24	2 26	8 39	0 36	4 7
S 5	6 14	11 13	0 32	14 22	1 55	11 58	6 23	25 55	3 18	4 0	1 5	0 25	2 26	8 40	0 36	4 8
S 6	5 50	6 57	0s52	13 53	1 58	12 1	6 15	25 52	3 16	4 6	1 5	0 27	2 26	8 41	0 36	4 9
M 7	5 27	2 16	2 12	13 22	2 1	12 3	6 6	25 49	3 15	4 11	1 5	0 29	2 26	8 42	0 35	4 10
T 8	5 4	2n28	3 21	12 50	2 4	12 5	5 58	25 47	3 13	4 17	1 5	0 31	2 26	8 43	0 35	4 11
W 9	4 40	6 57	4 16	12 18	2 6	12 7	5 50	25 44	3 11	4 22	1 5	0 33	2 26	8 44	0 35	4 11
T 10	4 17	10 54	4 53	11 44	2 8	12 8	5 41	25 41	3 10	4 28	1 4	0 35	2 27	8 45	0 35	4 12
F 11	3 53	14 8	5 13	11 9	2 9	12 8	5 33	25 38	3 8	4 33	1 4	0 37	2 27	8 46	0 35	4 13
S 12	3 30	16 33	5 16	10 32	2 10	12 9	5 24	25 35	3 7	4 38	1 4	0 39	2 27	8 47	0 35	4 14
S 13	3 6	18 4	5 3	9 55	2 11	12 8	5 15	25 32	3 5	4 44	1 4	0 41	2 27	8 48	0 35	4 15
M14	2 42	18 41	4 36	9 16	2 11	12 8	5 7	25 29	3 4	4 49	1 4	0 42	2 27	8 49	0 35	4 16
T 15	2 19	18 25	3 57	8 37	2 11	12 6	4 58	25 25	3 2	4 55	1 4	0 44	2 27	8 51	0 35	4 16
W16	1 55	17 20	3 9	7 56	2 10	12 5	4 50	25 22	3 1	5 0	1 4	0 46	2 27	8 52	0 35	4 17
T 17	1 31	15 30	2 13	7 14	2 9	12 2	4 41	25 19	2 59	5 6	1 4	0 48	2 27	8 53	0 35	4 18
F 18	1 7	13 2	1 11	6 31	2 8	12 0	4 32	25 15	2 58	5 11	1 4	0 50	2 27	8 54	0 35	4 19
S 19	0 44	10 1	0 7	5 47	2 6	11 57	4 24	25 12	2 56	5 17	1 4	0 52	2 27	8 55	0 35	4 20
S 20	0 20	6 34	0n59	5 2	2 3	11 53	4 15	25 8	2 55	5 22	1 4	0 54	2 27	8 56	0 35	4 21
M21	0n 4	2 50	2 2	4 16	2 0	11 49	4 7	25 4	2 53	5 28	1 4	0 56	2 28	8 58	0 35	4 22
T 22	0 28	1s 4	3 0	3 29	1 57	11 44	3 58	25 0	2 52	5 33	1 4	0 58	2 28	8 59	0 35	4 22
W23	0 52	4 58	3 51	2 41	1 53	11 39	3 50	24 56	2 50	5 39	1 4	1 0	2 28	9 0	0 35	4 23
T 24	1 15	8 43	4 31	1 52	1 48	11 33	3 41	24 52	2 49	5 44	1 4	1 2	2 28	9 1	0 35	4 24
F 25	1 39	12 7	4 59	1 2	1 43	11 27	3 33	24 48	2 47	5 50	1 4	1 4	2 28	9 2	0 35	4 25
S 26	2 3	15 0	5 12	0 11	1 37	11 21	3 25	24 44	2 46	5 55	1 3	1 6	2 28	9 4	0 35	4 26
S 27	2 26	17 11	5 9	0n40	1 31	11 13	3 16	24 40	2 45	6 1	1 3	1 8	2 28	9 5	0 35	4 27
M28	2 50	18 29	4 50	1 32	1 25	11 6	3 8	24 36	2 43	6 6	1 3	1 10	2 28	9 6	0 35	4 28
T 29	3 13	18 44	4 14	2 25	1 18	10 58	3 0	24 31	2 42	6 12	1 3	1 11	2 28	9 7	0 35	4 29
W30	3 37	17 51	3 22	3 19	1 10	10 49	2 52	24 27	2 41	6 17	1 3	1 13	2 28	9 8	0 35	4 29
T 31	4n 0	15s50	2n17	4n13	1s 2	10s40	2n44	24n22	2n39	6n23	1s 3	1n15	2n28	9n10	0s35	4n30

Julian Day Number = 2702525.5, Delta T = 26m17s

Ecliptic obliquity = 23°20'52, Nutation = - 0°00'07

Ayanamsha: Fagan/Bradley = 34°21'12, Lahiri = 33°28'12

# ASTRODIENST EPHEMERIS for the year 2687

APRIL 2687

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 37 15	11° 7' 54"	23° 39' 9"	15° 8' 8"	25° 32' 32"	21° 8' 8"	19° 6' 6"	2° 28' 28"	25° 14' 14"	14° 42' 42"	15° 4' 4"	4° 29' 29"	3° 8' 8"	26° 27' 27"	1° 47' 47"	F 1
S 2	12 41 11	12° 7' 32"	7° 52' 52"	17° 9' 9"	26° 24' 24"	21° 29' 29"	19° 20' 20"	2° 24' 24"	25° 17' 17"	14° 45' 45"	15° 3' 3"	4° 29' 29"	3° 5' 5"	26° 34' 34"	1° 46' 46"	S 2
S 3	12 45 8	13° 7' 07"	22° 40' 40"	19° 10' 10"	27° 17' 17"	21° 52' 52"	19° 35' 35"	2° 19' 19"	25° 20' 20"	14° 47' 47"	15° 3' 3"	4° 28' 28"	3° 2' 2"	26° 41' 41"	1° 44' 44"	S 3
M 4	12 49 4	14° 6' 41"	7° 28' 28"	21° 11' 11"	28° 11' 11"	22° 14' 14"	19° 49' 49"	2° 14' 14"	25° 24' 24"	14° 49' 49"	15° 2' 2"	4° 25' 25"	2° 59' 59"	26° 47' 47"	1° 42' 42"	M 4
T 5	12 53 1	15° 6' 13"	22° 8' 8"	23° 12' 12"	29° 5' 5"	22° 37' 37"	20° 4' 4"	2° 10' 10"	25° 27' 27"	14° 51' 51"	15° 2' 2"	4° 20' 20"	2° 55' 55"	26° 54' 54"	1° 39' 39"	T 5
W 6	12 56 57	16° 5' 43"	6° 32' 32"	25° 12' 12"	29° 59' 59"	23° 0' 0"	20° 18' 18"	2° 5' 5"	25° 30' 30"	14° 54' 54"	15° 1' 1"	4° 13' 13"	2° 52' 52"	27° 0' 0"	1° 37' 37"	W 6
T 7	13 0 54	17° 5' 11"	20° 34' 34"	27° 12' 12"	0° 54' 54"	23° 23' 23"	20° 33' 33"	2° 1' 1"	25° 34' 34"	14° 56' 56"	15° 0' 0"	4° 6' 6"	2° 49' 49"	27° 7' 7"	1° 35' 35"	T 7
F 8	13 4 51	18° 4' 37"	4° 11' 11"	29° 10' 10"	1° 50' 50"	23° 47' 47"	20° 48' 48"	1° 56' 56"	25° 37' 37"	14° 58' 58"	15° 0' 0"	3° 59' 59"	2° 46' 46"	27° 14' 14"	1° 32' 32"	F 8
S 9	13 8 47	19° 4' 00"	17° 22' 22"	1° 8' 7"	2° 46' 46"	24° 10' 10"	21° 2' 2"	1° 52' 52"	25° 41' 41"	15° 1' 1"	14° 59' 59"	3° 54' 54"	2° 43' 43"	27° 20' 20"	1° 30' 30"	S 9
S 10	13 12 44	20° 3' 22"	0° 9' 9"	3° 1' 1"	3° 43' 43"	24° 34' 34"	21° 17' 17"	1° 47' 47"	25° 44' 44"	15° 3' 3"	14° 59' 59"	3° 50' 50"	2° 40' 40"	27° 27' 27"	1° 27' 27"	S 10
M 11	13 16 40	21° 2' 41"	12° 33' 33"	4° 54' 54"	4° 40' 40"	24° 59' 59"	21° 31' 31"	1° 43' 43"	25° 47' 47"	15° 5' 5"	14° 59' 59"	3° 48' 48"	2° 36' 36"	27° 34' 34"	1° 25' 25"	M 11
T 12	13 20 37	22° 1' 58"	24° 41' 41"	6° 44' 44"	5° 38' 38"	25° 23' 23"	21° 46' 46"	1° 38' 38"	25° 51' 51"	15° 7' 7"	14° 58' 58"	3° 47' 47"	2° 33' 33"	27° 40' 40"	1° 22' 22"	T 12
W 13	13 24 33	23° 1' 12"	6° 32' 32"	8° 30' 30"	6° 36' 36"	25° 48' 48"	22° 0' 0"	1° 34' 34"	25° 54' 54"	15° 10' 10"	14° 58' 58"	3° 48' 48"	2° 30' 30"	27° 47' 47"	1° 19' 19"	W 13
T 14	13 28 30	24° 0' 24"	18° 25' 25"	10° 13' 13"	7° 34' 34"	26° 13' 13"	22° 15' 15"	1° 30' 30"	25° 58' 58"	15° 12' 12"	14° 57' 57"	3° 49' 49"	2° 27' 27"	27° 54' 54"	1° 16' 16"	T 14
F 15	13 32 26	24° 59' 34"	0° 12' 12"	11° 52' 52"	8° 33' 33"	26° 39' 39"	22° 29' 29"	1° 26' 26"	26° 1' 1"	15° 14' 14"	14° 57' 57"	3° 50' 50"	2° 24' 24"	28° 0' 0"	1° 13' 13"	F 15
S 16	13 36 23	25° 58' 42"	12° 2' 2"	13° 27' 27"	9° 32' 32"	27° 4' 4"	22° 44' 44"	1° 22' 22"	26° 5' 5"	15° 16' 16"	14° 57' 57"	3° 50' 50"	2° 20' 20"	28° 7' 7"	1° 10' 10"	S 16
S 17	13 40 20	26° 57' 47"	24° 0' 0"	14° 58' 58"	10° 32' 32"	27° 30' 30"	22° 59' 59"	1° 18' 18"	26° 8' 8"	15° 19' 19"	14° 56' 56"	3° 48' 48"	2° 17' 17"	28° 14' 14"	1° 7' 7"	S 17
M 18	13 44 16	27° 56' 51"	6° 47' 47"	16° 23' 23"	11° 32' 32"	27° 56' 56"	23° 13' 13"	1° 14' 14"	26° 11' 11"	15° 21' 21"	14° 56' 56"	3° 43' 43"	2° 14' 14"	28° 20' 20"	1° 3' 3"	M 18
T 19	13 48 13	28° 55' 52"	18° 28' 28"	17° 44' 44"	12° 32' 32"	28° 22' 22"	23° 28' 28"	1° 10' 10"	26° 15' 15"	15° 23' 23"	14° 56' 56"	3° 36' 36"	2° 11' 11"	28° 27' 27"	1° 0' 0"	T 19
W 20	13 52 9	29° 54' 51"	1° 11' 11"	18° 59' 59"	13° 33' 33"	28° 49' 49"	23° 42' 42"	1° 6' 6"	26° 18' 18"	15° 25' 25"	14° 56' 56"	3° 27' 27"	2° 8' 8"	28° 33' 33"	0° 57' 57"	W 20
T 21	13 56 6	0° 53' 48"	13° 51' 51"	20° 8' 8"	14° 34' 34"	29° 15' 15"	23° 57' 57"	1° 2' 2"	26° 22' 22"	15° 27' 27"	14° 56' 56"	3° 17' 17"	2° 5' 5"	28° 40' 40"	0° 53' 53"	T 21
F 22	14 0 2	1° 52' 44"	26° 54' 54"	21° 12' 12"	15° 35' 35"	29° 42' 42"	24° 11' 11"	0° 58' 58"	26° 25' 25"	15° 30' 30"	14° 55' 55"	3° 7' 7"	2° 1' 1"	28° 47' 47"	0° 50' 50"	F 22
S 23	14 3 59	2° 51' 37"	10° 41' 41"	22° 10' 10"	16° 37' 37"	0° 9' 9"	24° 26' 26"	0° 54' 54"	26° 29' 29"	15° 32' 32"	14° 55' 55"	2° 57' 57"	1° 58' 58"	28° 53' 53"	0° 46' 46"	S 23
S 24	14 7 55	3° 50' 29"	23° 38' 38"	23° 2' 2"	17° 39' 39"	0° 36' 36"	24° 40' 40"	0° 51' 51"	26° 32' 32"	15° 34' 34"	14° 55' 55"	2° 50' 50"	1° 55' 55"	29° 0' 0"	0° 42' 42"	S 24
M 25	14 11 52	4° 49' 19"	7° 16' 16"	23° 47' 47"	18° 41' 41"	1° 4' 4"	24° 54' 54"	0° 47' 47"	26° 35' 35"	15° 36' 36"	14° 55' 55"	2° 44' 44"	1° 52' 52"	29° 7' 7"	0° 39' 39"	M 25
T 26	14 15 49	5° 48' 08"	21° 3' 3"	24° 27' 27"	19° 43' 43"	1° 31' 31"	25° 9' 9"	0° 44' 44"	26° 39' 39"	15° 38' 38"	14° 55' 55"	2° 41' 41"	1° 49' 49"	29° 13' 13"	0° 35' 35"	T 26
W 27	14 19 45	6° 46' 54"	5° 0' 0"	25° 0' 0"	20° 46' 46"	1° 59' 59"	25° 23' 23"	0° 40' 40"	26° 42' 42"	15° 41' 41"	14° 55' 55"	2° 40' 40"	1° 45' 45"	29° 20' 20"	0° 31' 31"	W 27
T 28	14 23 42	7° 45' 39"	19° 5' 5"	25° 27' 27"	21° 49' 49"	2° 27' 27"	25° 38' 38"	0° 37' 37"	26° 46' 46"	15° 43' 43"	14° 55' 55"	2° 40' 40"	1° 42' 42"	29° 27' 27"	0° 27' 27"	T 28
F 29	14 27 38	8° 44' 23"	3° 19' 19"	25° 48' 48"	22° 53' 53"	2° 55' 55"	25° 52' 52"	0° 34' 34"	26° 49' 49"	15° 45' 45"	14° 55' 55"	2° 40' 40"	1° 39' 39"	29° 33' 33"	0° 23' 23"	F 29
S 30	14 31 35	9° 43' 04"	17° 38' 38"	26° 3' 3"	23° 56' 56"	3° 52' 52"	26° 9' 9"	0° 31' 31"	26° 52' 52"	15° 47' 47"	14° 55' 55"	2° 40' 40"	1° 36' 36"	29° 40' 40"	0° 19' 19"	S 30

Day	☉	☾		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	4n23	12s47	1n 2	5n 8	0s53	10s30	2n36	24n18	2n38	6n28	1s 3	1n17	2n28	9n11	0s35	4n31	1s22	21n 9	5n 8	9n50	10n19	12n 5	17s12	3n18	
S 2	4 47	8 52	0s18	6 2	0 44	10 20	2 29	24 13	2 37	6 34	1 3	1 19	2 28	9 12	0 35	4 32	1 22	21 10	5 8	9 50	10 20	12 4	17 11	3 19	
S 3	5 10	4 24	1 38	6 57	0 34	10 10	2 21	24 8	2 35	6 39	1 3	1 21	2 28	9 13	0 35	4 33	1 22	21 10	5 8	9 50	10 21	12 2	17 10	3 20	
M 4	5 33	0n21	2 50	7 52	0 24	9 59	2 13	24 3	2 34	6 45	1 3	1 23	2 28	9 15	0 35	4 34	1 22	21 10	5 8	9 51	10 22	12 1	17 9	3 20	
T 5	5 56	5 1	3 50	8 46	0 13	9 47	2 6	23 58	2 33	6 50	1 3	1 24	2 28	9 16	0 35	4 35	1 22	21 10	5 8	9 53	10 24	11 59	17 8	3 21	
W 6	6 18	9 19	4 35	9 41	0 2	9 35	1 58	23 53	2 31	6 56	1 3	1 26	2 28	9 17	0 35	4 35	1 22	21 10	5 8	9 56	10 25	11 58	17 7	3 21	
T 7	6 41	12 59	5 1	10 34	0n 9	9 23	1 51	23 48	2 30	7 1	1 3	1 28	2 28	9 18	0 35	4 36	1 22	21 10	5 8	9 58	10 26	11 57	17 6	3 22	
F 8	7 4	15 50	5 10	11 27	0 20	9 10	1 44	23 42	2 29	7 7	1 3	1 30	2 28	9 19	0 35	4 37	1 22	21 10	5 8	10 1	10 27	11 55	17 5	3 22	
S 9	7 26	17 45	5 1	12 19	0 32	8 57	1 37	23 37	2 27	7 12	1 3	1 31	2 28	9 21	0 35	4 38	1 22	21 10	5 8	10 3	10 28	11 54	17 4	3 23	
S 10	7 49	18 43	4 38	13 9	0 43	8 43	1 30	23 31	2 26	7 18	1 3	1 33	2 28	9 22	0 35	4 39	1 22	21 11	5 8	10 4	10 29	11 52	17 3	3 24	
M 11	8 11	18 45	4 2	13 58	0 55	8 29	1 23	23 26	2 25	7 23	1 3	1 35	2 28	9 23	0 35	4 40	1 22	21 11	5 8	10 5	10 30	11 51	17 2	3 24	
T 12	8 33	17 54	3 16	14 46	1 7	8 14	1 16	23 20	2 24	7 28	1 3	1 37	2 28	9 24	0 35	4 41	1 22	21 11	5 7	10 5	10 32	11 49	17 1	3 25	
W 13	8 55	16 16	2 22	15 31	1 18	7 59	1 9	23 14	2 23	7 34	1 3	1 38	2 28	9 26	0 35	4 42	1 22	21 11	5 7	10 5	10 33	11 48	17 0	3 25	
T 14	9 17	13 57	1 22	16 15	1 30	7 44	1 3	23 8	2 21	7 39	1 3	1 40	2 28	9 27	0 35	4 42	1 22	21 11	5 7	10 4	10 34	11 47	16 58	3 26	
F 15	9 38	11 3	0 20	16 56	1 41	7 28	0 56	23 2	2 20	7 45	1 3	1 41	2 27	9 28	0 35	4 43	1 22	21 11	5 7	10 4	10 35	11 45	16 57	3 26	
S 16	10 0	7 42	0n44	17 35	1 51	7 12	0 50	22 56	2 19	7 50	1 3	1 43	2 27	9 29	0 35	4 44	1 22	21 11	5 7	10 4	10 36	11 44	16 56	3 27	
S 17	10 21	4 0	1 46	18 11	2 1	6 55	0 43	22 50	2 18	7 55	1 3	1 45	2 27	9 31	0 35	4 45	1 22	21 11	5 7	10 5	10 37	11 42	16 55	3 27	
M 18	10 42	0 6	2 45	18 45	2 10	6 39	0 37	22 44	2 17	8 1	1 3	1 46	2 27	9 32	0 35	4 46	1 22	21 11	5 7	10 6	10 38	11 41	16 54	3 28	
T 19	11 3	3s53	3 36	19 17	2 19	6 21	0 31	22 37	2 15	8 6	1 3	1 48	2 27	9 33	0 35	4 47	1 22	21 11	5 7	10 9	10 39	11 39	16 53	3 29	
W 20	11 24	7 45	4 18	19 45	2 27	6 4	0 25	22 31	2 14	8 11	1 3	1 49	2 27	9 34	0 35	4 47	1 22	21 11	5 7	10 12	10 41	11 38	16 51	3 29	
T 21	11 45	11 21	4 48	20 11	2 34	5 46	0 19	22 24	2 13	8 17	1 3	1 50	2 27	9 36	0 35	4 48	1 22	21 11	5 7	10 16	10 42	11 36	16 50	3 30	
F 22	12 5	14 28	5 3	20 34	2 40	5 27	0 13	22 17	2 12	8 22	1 3	1 52	2 27	9 37	0 35	4 49	1 22	21 11	5 7	10 19	10 43	11 35	16 49	3 30	
S 23	12 25	16 54	5 2	20 54	2 46	5 9	0 8	22 10	2 11	8 27	1 3	1 53	2 27	9 38	0 35	4 50	1 22	21 11	5 7	10 23	10 44	11 33	16 48	3 31	
S 24	12 45	18 27	4 45	21 12	2 53	4 50	0 2	22 3	2 10	8 33	1 3	1 55	2 27	9 39	0 35	4 51	1 22	21 11	5 7	10 26	10 45	11 32	16 47	3 31	
M 25	13 5	18 58	4 12	21 26	2 50	4 31	0s 3	21 56	2 9	8 38	1 3	1 56	2 27	9 41	0 35	4 52	1 22	21 11	5 7	10 28	10 46	11 30	16 45	3 32	
T 26	13 24	18 22	3 23	21 38	2 55	4 11	0 9	21 49	2 8	8 43	1 3	1 57	2 26	9 42	0 35	4 52	1 22	21 11	5 7	10 29	10 47	11 29	16 44	3 32	
W 27	13 44	16 39	2 22	21 47	2 56	3 51	0 14	21 42	2 6	8 48	1 3	1 58	2 26	9 43	0 35	4 53	1 22	21 11	5 7	10 29	10 49	11 27	16 43	3 33	
T 28	14 3	13 54	1 12	21 53	2 55	3 31	0 19	21 34	2 5	8 53	1 3	2 0	2 26	9 44	0 35	4 54	1 22	21 11	5 6	10 29	10 50	11 26	16 42	3 33	
F 29	14 22	10 18	0s 3	21 57	2 54	3 11	0 24	21 27	2 4	8 59	1 3	2 1	2 26	9 45	0 35	4 55	1 22	21 11	5 6	10 29	10 51	11 24	16 40	3 34	
S 30	14n40	6s 5	1s19	21n57	2n51	2s50	0s29	21n19	2n 3	9n 4	1s 3	2n 2	2n26	9n47	0s35	4n56	1s22	21n11	5n 6	10n29	10n52	11n23	16s39	3n34	

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 35 31	10841'44	2°V 2	26811	25° 0	3252	26°V21	0°R28	26°V56	15°V49	14255	2°R37	1° 33	29247	0°R15	S 1
M 2	14 39 28	11°40'23	16°25	26°R14	26° 4	4°20	26°35	0225	26°59	15°51	14°55	2° 31	1°30	29°53	0211	M 2
T 3	14 43 24	12°38'59	0842	26°10	27° 8	4°49	26°49	0°22	27° 2	15°53	14°55	2°23	1°26	29°59	0° 7	T 3
W 4	14 47 21	13°37'34	14°49	26° 2	28°13	5°18	27° 4	0°19	27° 6	15°55	14°56	2°12	1°23	0° 6	0° 2	W 4
T 5	14 51 17	14°36'07	28°39	25°47	29°18	5°47	27°18	0°16	27° 9	15°57	14°56	2° 1	1°20	0°13	29°58	T 5
F 6	14 55 14	15°34'38	12° 9	25°28	0°V22	6°16	27°32	0°13	27°12	15°59	14°56	1°49	1°17	0°20	29°54	F 6
S 7	14 59 11	16°33'08	25°17	25° 5	1°27	6°45	27°46	0°11	27°16	16° 2	14°56	1°39	1°14	0°26	29°50	S 7
S 8	15 3 7	17°31'35	823	24°37	2°33	7°15	28° 0	0° 8	27°19	16° 4	14°56	1°31	1°11	0°33	29°45	S 8
M 9	15 7 4	18°30'00	20°28	24° 6	3°38	7°45	28°14	0° 6	27°22	16° 6	14°57	1°26	1° 7	0°40	29°41	M 9
T 10	15 11 0	19°28'23	22°38	23°32	4°44	8°14	28°28	0° 4	27°25	16° 8	14°57	1°23	1° 4	0°46	29°36	T 10
W 11	15 14 57	20°26'44	14°33	22°56	5°49	8°44	28°42	0° 2	27°29	16° 9	14°57	1°22	1° 1	0°53	29°32	W 11
T 12	15 18 53	21°25'03	26°23	22°18	6°55	9°14	28°56	29° 59	27°32	16°11	14°58	1°22	0°58	1° 0	29°27	T 12
F 13	15 22 50	22°23'20	8° 11	21°40	8° 1	9°45	29°10	29°57	27°35	16°13	14°58	1°22	0°55	1° 6	29°23	F 13
S 14	15 26 46	23°21'34	20° 3	21° 1	9° 8	10°15	29°24	29°56	27°38	16°15	14°59	1°20	0°51	1°13	29°18	S 14
S 15	15 30 43	24°19'47	22° 4	20°23	10°14	10°45	29°38	29°54	27°41	16°17	14°59	1°17	0°48	1°20	29°14	S 15
M 16	15 34 40	25°17'58	14°19	19°46	11°21	11°16	29°52	29°52	27°44	16°19	15° 0	1°11	0°45	1°26	29° 9	M 16
T 17	15 38 36	26°16'07	26°49	19°11	12°27	11°47	08 6	29°50	27°48	16°21	15° 0	1° 3	0°42	1°33	29° 5	T 17
W 18	15 42 33	27°14'15	9° 33	18°38	13°34	12°17	0°20	29°49	27°51	16°23	15° 1	0°52	0°39	1°39	29° 0	W 18
T 19	15 46 29	28°12'20	22°47	18° 9	14°41	12°48	0°33	29°47	27°54	16°25	15° 1	0°40	0°36	1°46	28°56	T 19
F 20	15 50 26	29°10'24	6° 12	17°42	15°48	13°19	0°47	29°46	27°57	16°26	15° 2	0°28	0°32	1°53	28°51	F 20
S 21	15 54 22	0° 8'27	19°53	17°19	16°55	13°50	1° 0	29°45	28° 0	16°28	15° 2	0°16	0°29	1°59	28°47	S 21
S 22	15 58 19	1° 6'28	3345	17° 1	18° 3	14°22	1°14	29°44	28° 3	16°30	15° 3	0° 6	0°26	2° 6	28°42	S 22
M 23	16 2 15	2° 4'27	17°44	16°46	19°10	14°53	1°28	29°43	28° 6	16°32	15° 4	29°59	0°23	2°13	28°38	M 23
T 24	16 6 12	3° 2'26	1449	16°36	20°18	15°25	1°41	29°42	28° 9	16°33	15° 4	29°55	0°20	2°19	28°33	T 24
W 25	16 10 9	4° 0'23	15°56	16°31	21°25	15°56	1°54	29°41	28°12	16°35	15° 5	29°53	0°17	2°26	28°29	W 25
T 26	16 14 5	4°58'18	0° 3	16°D30	22°33	16°28	2° 8	29°40	28°15	16°37	15° 6	29°53	0°13	2°33	28°24	T 26
F 27	16 18 2	5°56'13	14°10	16°34	23°41	17° 0	2°21	29°40	28°18	16°38	15° 6	29°53	0°10	2°39	28°20	F 27
S 28	16 21 58	6°54'06	28°16	16°42	24°49	17°31	2°34	29°39	28°20	16°40	15° 7	29°51	0° 7	2°46	28°15	S 28
S 29	16 25 55	7°51'58	12°V19	16°55	25°57	18° 3	2°47	29°39	28°23	16°42	15° 8	29°48	0° 4	2°53	28°11	S 29
M 30	16 29 51	8°49'49	26°17	17°12	27° 6	18°35	3° 1	29°39	28°26	16°43	15° 9	29°42	0° 1	2°59	28° 7	M 30
T 31	16 33 48	9° 47'39	108 9	17834	28°V14	1928	3814	29° 38	28°V29	16°V45	15210	29234	29257	3° 6	28° 2	T 31

Day	☉	☽		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14n59	1s29	2s30	21n55	2n46	2s30	0s33	21n12	2n 2	9n 9	1s 3	2n 3	2n26	9n48	0s35	4n56	1s22	21n10	5n 6	10n30	10n53	11n21	16s38	3n34	
M 2	15 17	3n11	3 31	21 50	2 40	2 8	0 38	21 4	2 1	9 14	1 3	2 4	2 26	9 49	0 35	4 57	1 22	21 10	5 6	10 32	10 54	11 20	16 36	3 35	
T 3	15 35	7 39	4 18	21 42	2 33	1 47	0 43	20 56	2 0	9 19	1 3	2 5	2 26	9 50	0 35	4 58	1 22	21 10	5 6	10 35	10 55	11 19	16 35	3 35	
W 4	15 52	11 37	4 48	21 32	2 25	1 26	0 47	20 48	1 59	9 24	1 3	2 6	2 25	9 51	0 35	4 59	1 22	21 10	5 6	10 39	10 56	11 17	16 34	3 36	
T 5	16 9	14 53	5 2	21 19	2 15	1 4	0 51	20 40	1 58	9 29	1 3	2 7	2 25	9 53	0 35	4 59	1 22	21 10	5 6	10 43	10 58	11 16	16 33	3 36	
F 6	16 27	17 15	4 57	21 4	2 4	0 42	0 55	20 31	1 57	9 34	1 3	2 8	2 25	9 54	0 35	5 0	1 22	21 10	5 6	10 47	10 59	11 14	16 31	3 37	
S 7	16 43	18 39	4 37	20 46	1 52	0 20	0 59	20 23	1 56	9 39	1 3	2 9	2 25	9 55	0 35	5 1	1 22	21 10	5 6	10 51	11 0	11 12	16 30	3 37	
S 8	17 0	19 3	4 4	20 26	1 38	0n 2	1 3	20 15	1 55	9 44	1 3	2 10	2 25	9 56	0 35	5 2	1 22	21 10	5 6	10 54	11 1	11 11	16 29	3 37	
M 9	17 16	18 31	3 19	20 5	1 24	0 25	1 7	20 6	1 54	9 49	1 3	2 10	2 25	9 57	0 35	5 2	1 22	21 9	5 6	10 56	11 2	11 9	16 27	3 38	
T 10	17 32	17 7	2 26	19 42	1 9	0 47	1 11	19 57	1 53	9 54	1 4	2 11	2 24	9 58	0 35	5 3	1 22	21 9	5 6	10 57	11 3	11 8	16 26	3 38	
W 11	17 48	15 0	1 28	19 17	0 52	1 10	1 14	19 48	1 52	9 59	1 4	2 12	2 24	10 0	0 35	5 4	1 22	21 9	5 6	10 57	11 4	11 6	16 25	3 38	
T 12	18 3	12 16	0 26	18 51	0 36	1 33	1 18	19 40	1 51	10 4	1 4	2 13	2 24	10 1	0 35	5 5	1 22	21 9	5 6	10 57	11 5	11 5	16 24	3 39	
F 13	18 18	9 2	0n36	18 25	0 19	1 56	1 21	19 31	1 50	10 9	1 4	2 13	2 24	10 2	0 35	5 5	1 22	21 9	5 5	10 57	11 7	11 3	16 22	3 39	
S 14	18 33	5 25	1 37	17 58	0 1	2 19	1 24	19 21	1 49	10 14	1 4	2 14	2 24	10 3	0 35	5 6	1 22	21 9	5 5	10 57	11 8	11 2	16 21	3 40	
S 15	18 47	1 33	2 35	17 31	0s16	2 42	1 28	19 12	1 48	10 18	1 4	2 14	2 24	10 4	0 35	5 7	1 22	21 8	5 5	10 59	11 9	11 0	16 20	3 40	
M 16	19 1	2s27	3 27	17 4	0 34	3 5	1 31	19 3	1 47	10 23	1 4	2 15	2 23	10 5	0 35	5 7	1 22	21 8	5 5	11 1	11 10	10 59	16 18	3 40	
T 17	19 15	6 25	4 9	16 38	0 51	3 28	1 33	18 53	1 46	10 28	1 4	2 15	2 23	10 6	0 35	5 8	1 22	21 8	5 5	11 4	11 11	10 57	16 17	3 41	
W 18	19 28	10 12	4 40	16 13	1 8	3 51	1 36	18 44	1 45	10 33	1 4	2 16	2 23	10 7	0 35	5 9	1 22	21 8	5 5	11 7	11 12	10 56	16 16	3 41	
T 19	19 41	13 35	4 58	15 49	1 24	4 15	1 39	18 34	1 44	10 37	1 4	2 16	2 23	10 8	0 35	5 9	1 23	21 8	5 5	11 12	11 13	10 54	16 15	3 41	
F 20	19 54	16 21	4 59	15 27	1 40	4 38	1 41	18 25	1 43	10 42	1 4	2 16	2 23	10 10	0 35	5 10	1 23	21 7	5 5	11 16	11 14	10 53	16 13	3 41	
S 21	20 6	18 15	4 43	15 7	1 54	5 2	1 44	18 15	1 42	10 47	1 4	2 17	2 23	10 11	0 35	5 11	1 23	21 7	5 5	11 20	11 15	10 51	16 12	3 42	
S 22	20 18	19 7	4 11	14 48	2 8	5 25	1 46	18 5	1 42	10 51	1 4	2 17	2 22	10 12	0 35	5 11	1 23	21 7	5 5	11 24	11 17	10 50	16 11	3 42	
M 23	20 30	18 49	3 23	14 31	2 22	5 48	1 48	17 55	1 41	10 56	1 4	2 17	2 22	10 13	0 35	5 12	1 23	21 7	5 5	11 26	11 18	10 48	16 10	3 42	
T 24	20 41	17 22	2 23	14 17	2 34	6 12	1 50	17 45	1 40	11 0	1 4	2 17	2 22	10 14	0 35	5 13	1 23	21 6	5 5	11 28	11 19	10 47	16 8	3 43	
W 25	20 52	14 50	1 13	14 5	2 45	6 35	1 52	17 34	1 39	11 5	1 4	2 18	2 22	10 15	0 35	5 13	1 23	21 6	5 5	11 28	11 20	10 45	16 7	3 43	
T 26	21 3	11 25	0s 1	13 55	2 55	6 59	1 54	17 24	1 38	11 9	1 4	2 18	2 22	10 16	0 35	5 14	1 23	21 6	5 5	11 28	11 21	10 43	16 6	3 43	
F 27	21 13	7 22	1 15	13 47	3 4	7 22	1 56	17 14	1 37	11 14	1 5	2 18	2 21	10 17	0 35	5 14	1 23	21 5	5 5	11 28	11 22	10 42	16 5	3 43	
S 28	21 23	2 54	2 24	13 41	3 12	7 45	1 57	17 3	1 36	11 18	1 5	2 18	2 21	10 18	0 35	5 15	1 23	21 5	5 5	11 29	11 23	10 40	16 4	3 44	
S 29	21 32	1n42	3 24	13 38	3 15	8 9	1 59	16 52	1 35	11 23	1 5	2 18	2 21	10 19	0 35	5 16	1 23	21 5	5 4	11 30	11 24	10 39	16 2	3 44	
M 30	21 41	6 11	4 12	13 37	3 29	8 32	2 0	16 42	1 34	11 27	1 5	2 18	2 21	10 20	0 35	5 16	1 23	21 5	5 4	11 32	11 26	10 37	16 1	3 44	
T 31	21n50	10n18	4s44	13n38	3s30	8n55	2s 1	16n31	1n34	11n31	1s 5	2n18	2n21	10n21	0s35	5n17	1s23	21n 4	5n 4	11n35	11n27	10n36	16s 0	3n44	

# ASTRODIENST EPHEMERIS for the year 2687

JUNE 2687

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	16 37 44	10♈45'28	23♈50	18♈ 0	29♈22	19♈40	3♈27	29°D38	28°Y32	16°Y46	15°Ω10	29°R23	29°Ω54	3♈13	27°R58	W 1
T 2	16 41 41	11°43'15	7♈19	18°30	0♈31	20°12	3°40	29°Y38	28°34	16°48	15°11	29°Ω11	29°51	3°19	27°M53	T 2
F 3	16 45 38	12°41'02	20°31	19° 4	1°39	20°45	3°52	29°39	28°37	16°49	15°12	28°59	29°48	3°26	27°49	F 3
S 4	16 49 34	13°38'46	3♈26	19°43	2°48	21°17	4° 5	29°39	28°40	16°51	15°13	28°48	29°45	3°32	27°45	S 4
S 5	16 53 31	14°36'30	16° 4	20°25	3°57	21°50	4°18	29°39	28°42	16°52	15°14	28°39	29°42	3°39	27°41	S 5
M 6	16 57 27	15°34'12	28°24	21°10	5° 6	22°23	4°31	29°40	28°45	16°53	15°15	28°33	29°38	3°46	27°37	M 6
T 7	17 1 124	16°31'53	10♈20	22° 0	6°15	22°55	4°43	29°40	28°47	16°55	15°16	28°29	29°35	3°52	27°32	T 7
W 8	17 5 20	17°29'32	22°26	22°53	7°24	23°28	4°56	29°41	28°50	16°56	15°17	28°28	29°32	3°59	27°28	W 8
T 9	17 9 17	18°27'10	4♈15	23°49	8°33	24° 1	5° 8	29°42	28°52	16°57	15°18	28°D28	29°29	4° 6	27°24	T 9
F 10	17 13 14	19°24'46	16° 3	24°49	9°42	24°34	5°21	29°42	28°55	16°59	15°19	28°R28	29°26	4°12	27°20	F 10
S 11	17 17 10	20°22'21	27°56	25°51	10°51	25° 8	5°33	29°43	28°57	17° 0	15°20	28°28	29°23	4°19	27°16	S 11
S 12	17 21 7	21°19'54	9♈59	26°57	12° 1	25°41	5°45	29°44	29° 0	17° 1	15°21	28°26	29°19	4°26	27°13	S 12
M13	17 25 3	22°17'27	22°16	28° 7	13°10	26°14	5°57	29°46	29° 2	17° 2	15°23	28°22	29°16	4°32	27° 9	M13
T 14	17 29 0	23°14'58	4♈52	29°19	14°19	26°47	6° 9	29°47	29° 4	17° 4	15°24	28°16	29°13	4°39	27° 5	T 14
W15	17 32 56	24°12'27	17°50	0♈34	15°29	27°21	6°21	29°48	29° 7	17° 5	15°25	28° 8	29°10	4°46	27° 1	W15
T 16	17 36 53	25° 9'56	1♈11	1°52	16°39	27°54	6°33	29°50	29° 9	17° 6	15°26	27°58	29° 7	4°52	26°58	T 16
F 17	17 40 49	26° 7'24	14°54	3°13	17°48	28°28	6°45	29°51	29°11	17° 7	15°27	27°48	29° 3	4°59	26°54	F 17
S 18	17 44 46	27° 4'50	28°56	4°36	18°58	29° 2	6°57	29°53	29°13	17° 8	15°28	27°39	29° 0	5° 5	26°51	S 18
S 19	17 48 43	28° 2'16	13♈13	6° 3	20° 8	29°35	7° 8	29°55	29°16	17° 9	15°30	27°31	28°57	5°12	26°47	S 19
M20	17 52 39	28°59'41	27°38	7°33	21°18	0♈9	7°20	29°57	29°18	17°10	15°31	27°26	28°54	5°19	26°44	M20
T 21	17 56 36	29°57'06	12°27	9° 5	22°28	0°43	7°32	29°59	29°20	17°11	15°32	27°23	28°51	5°25	26°41	T 21
W22	18 0 32	0♈54'29	26°33	10°40	23°38	1°17	7°43	0♈1	29°22	17°12	15°33	27°D22	28°48	5°32	26°37	W22
T 23	18 4 29	1°51'52	10♈54	12°17	24°48	1°51	7°54	0° 3	29°24	17°13	15°35	27°22	28°44	5°39	26°34	T 23
F 24	18 8 25	2°49'15	25° 7	13°58	25°58	2°25	8° 5	0° 5	29°26	17°14	15°36	27°23	28°41	5°45	26°31	F 24
S 25	18 12 22	3°46'37	9♈10	15°41	27° 8	2°59	8°16	0° 7	29°28	17°15	15°37	27°R23	28°38	5°52	26°28	S 25
S 26	18 16 18	4°43'59	23° 2	17°27	28°18	3°34	8°28	0°10	29°29	17°15	15°39	27°21	28°35	5°59	26°25	S 26
M27	18 20 15	5°41'20	6♈43	19°16	29°28	4° 8	8°38	0°12	29°31	17°16	15°40	27°18	28°32	6° 5	26°23	M27
T 28	18 24 12	6°38'42	20°13	21° 7	0♈39	4°42	8°49	0°15	29°33	17°17	15°42	27°12	28°29	6°12	26°20	T 28
W29	18 28 8	7°36'02	3♈31	23° 0	1°49	5°17	9° 0	0°18	29°35	17°18	15°43	27° 5	28°25	6°19	26°17	W29
T 30	18 32 5	8°33'23	16♈36	24°57	3♈ 0	5°51	9°11	0°21	29°37	17°19	15°44	26°Ω57	28°Ω22	6°25	26°15	T 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	21n58	13n49	5s 0	13n42	3s34	9n18	2s 3	16n20	1n33	11n36	1s 5	2n17	2n20	10n22	0s35	5n17	1s23	21n 4	5n 4	11n39	11n28	10n34	15s59	3n44					
T 2	22 6	16 33	4 58	13 47	3 37	9 41	2 4	16 9	1 32	11 40	1 5	2 17	2 20	10 23	0 35	5 18	1 23	21 4	5 4	11 43	11 29	10 32	15 58	3 45					
F 3	22 14	18 21	4 40	13 54	3 39	10 3	2 5	15 58	1 31	11 44	1 5	2 17	2 20	10 24	0 35	5 18	1 23	21 3	5 4	11 47	11 30	10 31	15 57	3 45					
S 4	22 21	19 10	4 9	14 3	3 41	10 26	2 6	15 46	1 30	11 49	1 5	2 17	2 20	10 25	0 35	5 19	1 23	21 3	5 4	11 51	11 31	10 29	15 56	3 45					
S 5	22 28	18 59	3 25	14 14	3 41	10 48	2 6	15 35	1 29	11 53	1 5	2 16	2 20	10 26	0 35	5 19	1 23	21 3	5 4	11 54	11 32	10 28	15 55	3 45					
M 6	22 34	17 55	2 33	14 26	3 41	11 11	2 7	15 24	1 28	11 57	1 5	2 16	2 19	10 26	0 35	5 20	1 23	21 2	5 4	11 56	11 33	10 26	15 53	3 45					
T 7	22 40	16 2	1 34	14 39	3 40	11 33	2 7	15 12	1 28	12 1	1 6	2 16	2 19	10 27	0 35	5 20	1 23	21 2	5 4	11 57	11 34	10 25	15 52	3 45					
W 8	22 46	13 29	0 32	14 55	3 38	11 55	2 8	15 1	1 27	12 5	1 6	2 15	2 19	10 28	0 35	5 21	1 23	21 2	5 4	11 58	11 36	10 23	15 51	3 46					
T 9	22 51	10 24	0n31	15 11	3 35	12 16	2 8	14 49	1 26	12 9	1 6	2 15	2 19	10 29	0 35	5 21	1 23	21 1	5 4	11 58	11 37	10 21	15 50	3 46					
F 10	22 56	6 54	1 32	15 29	3 31	12 38	2 8	14 37	1 25	12 13	1 6	2 14	2 19	10 30	0 35	5 22	1 23	21 1	5 4	11 58	11 38	10 20	15 49	3 46					
S 11	23 0	3 7	2 30	15 47	3 27	12 59	2 9	14 25	1 24	12 17	1 6	2 14	2 18	10 31	0 35	5 22	1 23	21 1	5 4	11 58	11 39	10 18	15 48	3 46					
S 12	23 4	0s50	3 23	16 7	3 23	13 20	2 9	14 13	1 23	12 21	1 6	2 13	2 18	10 32	0 35	5 22	1 24	21 0	5 4	11 58	11 40	10 17	15 47	3 46					
M13	23 7	4 49	4 6	16 27	3 17	13 41	2 9	14 1	1 23	12 25	1 6	2 12	2 18	10 32	0 35	5 23	1 24	21 0	5 4	12 0	11 41	10 15	15 46	3 46					
T 14	23 11	8 42	4 39	16 49	3 11	14 2	2 8	13 49	1 22	12 29	1 6	2 12	2 18	10 33	0 35	5 23	1 24	20 59	5 4	12 2	11 42	10 13	15 46	3 46					
W15	23 13	12 17	4 59	17 11	3 5	14 22	2 8	13 37	1 21	12 33	1 6	2 11	2 17	10 34	0 35	5 24	1 24	20 59	5 4	12 5	11 43	10 12	15 45	3 46					
T 16	23 16	15 22	5 4	17 33	2 57	14 42	2 8	13 25	1 20	12 36	1 7	2 10	2 17	10 35	0 35	5 24	1 24	20 59	5 4	12 8	11 44	10 10	15 44	3 46					
F 17	23 17	17 41	4 51	17 56	2 50	15 2	2 7	13 12	1 19	12 40	1 7	2 9	2 17	10 36	0 35	5 24	1 24	20 58	5 4	12 11	11 45	10 9	15 43	3 46					
S 18	23 19	19 0	4 20	18 20	2 42	15 21	2 7	13 0	1 19	12 44	1 7	2 8	2 17	10 36	0 35	5 25	1 24	20 58	5 4	12 15	11 47	10 7	15 42	3 47					
S 19	23 20	19 9	3 33	18 43	2 33	15 41	2 6	12 47	1 18	12 47	1 7	2 8	2 17	10 37	0 35	5 25	1 24	20 58	5 4	12 17	11 48	10 5	15 41	3 47					
M20	23 21	18 4	2 32	19 7	2 24	16 0	2 6	12 35	1 17	12 51	1 7	2 7	2 16	10 38	0 35	5 25	1 24	20 57	5 4	12 19	11 49	10 4	15 40	3 47					
T 21	23 21	15 48	1 21	19 31	2 14	16 18	2 5	12 22	1 16	12 55	1 7	2 6	2 16	10 38	0 35	5 26	1 24	20 57	5 4	12 20	11 50	10 2	15 40	3 47					
W22	23 21	12 33	0 4	19 54	2 4	16 36	2 4	12 9	1 15	12 58	1 7	2 5	2 16	10 39	0 35	5 26	1 24	20 56	5 4	12 21	11 51	10 1	15 39	3 47					
T 23	23 20	8 34	1s12	20 18	1 54	16 54	2 3	11 56	1 15	13 2	1 7	2 4	2 16	10 40	0 35	5 26	1 24	20 56	5 3	12 20	11 52	9 59	15 38	3 47					
F 24	23 19	4 8	2 23	20 40	1 44	17 12	2 2	11 43	1 14	13 5	1 8	2 3	2 16	10 40	0 35	5 27	1 24	20 55	5 3	12 20	11 53	9 57	15 37	3 47					
S 25	23 18	0n28	3 25	21 3	1 33	17 29	2 1	11 30	1 13	13 9	1 8	2 1	2 15	10 41	0 35	5 27	1 24	20 55	5 3	12 20	11 54	9 56	15 37	3 47					
S 26	23 16	4 59	4 14	21 24	1 22	17 45	2 0	11 17	1 12	13 12	1 8	2 0	2 15	10 42	0 36	5 27	1 24	20 55	5 3	12 21	11 55	9 54	15 36	3 47					
M27	23 14	9 10	4 48	21 45	1 11	18 2	1 59	11 4	1 12	13 15	1 8	1 59	2 15	10 42	0 36	5 27	1 24	20 54	5 3	12 22	11 56	9 53	15 35	3 47					
T 28	23 11	12 50	5 5	22 4	0 59	18 18	1 57	10 51	1 11	13 19	1 8	1 58	2 15	10 43	0 36	5 28	1 24	20 54	5 3	12 24	11 58	9 51	15 35	3 47					
W29	23 8	15 47	5 5	22 22	0 48	18 33	1 56	10 38	1 10	13 22	1 8	1 57	2 15	10 44	0 36	5 28	1 24	20 53	5 3	12 26	11 59	9 49	15 34	3 47					
T 30	23n 4	17n52	4s50	22n39	0s36	18n48	1s54	10n24	1n 9	13n25	1s 8	1n55	2n14	10n44	0s36	5n28	1s24	20n53	5n 3	12n29	12n 0	9n48	15s34	3n47					

## ASTRODIENST EPHEMERIS for the year 2687

JULY 2687

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18 36 1	9°30'43	29°12'27	26°11'55	4°11'10	6°11'26	9°08'21	0°02'24	29°17'38	17°17'19	15°04'46	26°R48	28°02'19	6°11'32	26°R12	F 1
S 2	18 39 58	10°28'02	12°28'4	28°56'	5°21'	7°1'	9°31'	0°27'	29°40'	17°20'	15°47'	26°02'41	28°16'	6°39'	26°M10	S 2
S 3	18 43 54	11°25'21	24°28'	0°59'	6°31'	7°35'	9°42'	0°30'	29°41'	17°20'	15°49'	26°35'	28°13'	6°45'	26°7'	S 3
M 4	18 47 51	12°22'40	6°02'38	3°3'	7°42'	8°10'	9°52'	0°33'	29°43'	17°21'	15°50'	26°31'	28°9'	6°52'	26°5'	M 4
T 5	18 51 47	13°19'58	18°39'	5°10'	8°53'	8°45'	10°2'	0°36'	29°44'	17°21'	15°52'	26°29'	28°6'	6°58'	26°3'	T 5
W 6	18 55 44	14°17'15	0°11'31	7°18'	10°4'	9°20'	10°12'	0°40'	29°46'	17°22'	15°53'	26°D29	28°3'	7°5'	26°1'	W 6
T 7	18 59 41	15°14'32	12°19'	9°27'	11°14'	9°55'	10°22'	0°43'	29°47'	17°22'	15°55'	26°30'	28°0'	7°12'	25°59'	T 7
F 8	19 3 37	16°11'48	24°7'	11°37'	12°25'	10°30'	10°31'	0°47'	29°49'	17°23'	15°56'	26°31'	27°57'	7°18'	25°57'	F 8
S 9	19 7 34	17°9'04	5°05'59	13°47'	13°36'	11°5'	10°41'	0°50'	29°50'	17°23'	15°58'	26°33'	27°54'	7°25'	25°56'	S 9
S 10	19 11 30	18°6'19	18°1'	15°58'	14°47'	11°40'	10°50'	0°54'	29°51'	17°24'	15°59'	26°R33	27°50'	7°32'	25°54'	S 10
M11	19 15 27	19°3'34	0°11'18	18°10'	15°58'	12°15'	11°0'	0°58'	29°52'	17°24'	16°1'	26°32'	27°47'	7°38'	25°52'	M11
T 12	19 19 23	20°0'48	12°54'	20°20'	17°9'	12°51'	11°9'	1°2'	29°54'	17°24'	16°2'	26°30'	27°44'	7°45'	25°51'	T 12
W13	19 23 20	20°58'02	25°54'	22°31'	18°20'	13°26'	11°18'	1°6'	29°55'	17°24'	16°4'	26°27'	27°41'	7°52'	25°50'	W13
T 14	19 27 16	21°55'15	9°11'18	24°41'	19°31'	14°1'	11°27'	1°10'	29°56'	17°25'	16°6'	26°22'	27°38'	7°58'	25°48'	T 14
F 15	19 31 13	22°52'29	23°9'	26°50'	20°43'	14°37'	11°36'	1°14'	29°57'	17°25'	16°7'	26°17'	27°35'	8°5'	25°47'	F 15
S 16	19 35 10	23°49'42	7°03'23	28°57'	21°54'	15°12'	11°45'	1°18'	29°58'	17°25'	16°9'	26°12'	27°31'	8°12'	25°46'	S 16
S 17	19 39 6	24°46'55	21°56'	1°02'4	23°5'	15°48'	11°53'	1°22'	29°59'	17°25'	16°10'	26°8'	27°28'	8°18'	25°45'	S 17
M18	19 43 3	25°44'08	6°03'43	3°9'	24°17'	16°24'	12°2'	1°27'	29°59'	17°25'	16°12'	26°6'	27°25'	8°25'	25°45'	M18
T 19	19 46 59	26°41'21	21°35'	5°13'	25°28'	16°59'	12°10'	1°31'	0°0'0	17°25'	16°14'	26°D5	27°22'	8°32'	25°44'	T 19
W20	19 50 56	27°38'34	6°11'25	7°14'	26°39'	17°35'	12°18'	1°36'	0°1'	17°25'	16°15'	26°5'	27°19'	8°38'	25°43'	W20
T 21	19 54 52	28°35'47	21°6'	9°15'	27°51'	18°11'	12°26'	1°40'	0°2'	17°R25	16°17'	26°6'	27°15'	8°45'	25°43'	T 21
F 22	19 58 49	29°33'01	5°11'34	11°13'	29°2'	18°47'	12°34'	1°45'	0°3'	17°25'	16°19'	26°7'	27°12'	8°51'	25°42'	F 22
S 23	20 2 45	0°03'15	19°45'	13°10'	0°05'14	19°23'	12°42'	1°50'	0°3'	17°25'	16°20'	26°9'	27°9'	8°58'	25°42'	S 23
S 24	20 6 42	1°27'30	3°03'38	15°4'	1°26'	19°59'	12°50'	1°55'	0°4'	17°25'	16°22'	26°R9	27°6'	9°5'	25°42'	S 24
M25	20 10 39	2°24'45	17°12'	16°57'	2°37'	20°35'	12°57'	2°0'	0°5'	17°25'	16°24'	26°8'	27°3'	9°11'	25°42'	M25
T 26	20 14 35	3°22'01	0°11'29	18°48'	3°49'	21°11'	13°4'	2°5'	0°5'	17°25'	16°25'	26°6'	27°0'	9°18'	25°D42	T 26
W27	20 18 32	4°19'17	13°29'	20°38'	5°1'	21°47'	13°12'	2°10'	0°6'	17°25'	16°27'	26°4'	26°56'	9°25'	25°42'	W27
T 28	20 22 28	5°16'34	26°14'	22°25'	6°13'	22°23'	13°19'	2°15'	0°6'	17°25'	16°29'	26°1'	26°53'	9°31'	25°42'	T 28
F 29	20 26 25	6°13'51	8°03'46	24°10'	7°25'	22°59'	13°26'	2°20'	0°6'	17°24'	16°30'	25°58'	26°50'	9°38'	25°42'	F 29
S 30	20 30 21	7°11'09	21°6'	25°54'	8°37'	23°36'	13°32'	2°25'	0°7'	17°24'	16°32'	25°55'	26°47'	9°45'	25°43'	S 30
S 31	20 34 18	8°02'28	3°02'15	27°03'35	9°05'49	24°11'12	13°03'39	2°02'31	0°0'8	17°17'24	16°02'34	25°02'53	26°02'44	9°11'51	25°M43	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	23n 0	19n 1	4s19	22n54	0s25	19n 3	1s53	10n11	1n 9	13n28	1s 9	1n54	2n14	10n45	0s36	5n28	1s24	20n52	5n 3	12n32	12n 1	9n46	15s33	3n47			
S 2	22 56	19 12	3 37	23 7	0 13	19 17	1 51	9 57	1 8	13 31	1 9	1 53	2 14	10 45	0 36	5 29	1 25	20 52	5 3	12 34	12 2	9 44	15 33	3 47			
S 3	22 52	18 27	2 45	23 19	0 2	19 31	1 50	9 44	1 7	13 34	1 9	1 51	2 14	10 46	0 36	5 29	1 25	20 52	5 3	12 36	12 3	9 43	15 32	3 47			
M 4	22 46	16 50	1 46	23 28	0n 9	19 44	1 48	9 30	1 6	13 37	1 9	1 50	2 14	10 46	0 36	5 29	1 25	20 51	5 3	12 38	12 4	9 41	15 32	3 47			
T 5	22 41	14 30	0 42	23 34	0 20	19 57	1 46	9 16	1 6	13 40	1 9	1 48	2 14	10 47	0 36	5 29	1 25	20 51	5 3	12 38	12 5	9 39	15 31	3 47			
W 6	22 35	11 35	0n22	23 39	0 30	20 9	1 44	9 3	1 5	13 43	1 9	1 47	2 13	10 47	0 36	5 29	1 25	20 50	5 3	12 39	12 6	9 38	15 31	3 47			
T 7	22 29	8 14	1 25	23 41	0 40	20 21	1 42	8 49	1 4	13 46	1 9	1 45	2 13	10 48	0 36	5 29	1 25	20 50	5 3	12 38	12 7	9 36	15 30	3 46			
F 8	22 22	4 33	2 25	23 40	0 49	20 32	1 40	8 35	1 3	13 49	1 10	1 44	2 13	10 48	0 36	5 29	1 25	20 49	5 3	12 38	12 9	9 34	15 30	3 46			
S 9	22 15	0 40	3 19	23 36	0 58	20 43	1 38	8 21	1 3	13 52	1 10	1 42	2 13	10 49	0 36	5 30	1 25	20 49	5 3	12 37	12 10	9 33	15 30	3 46			
S 10	22 8	3s16	4 4	23 30	1 6	20 53	1 36	8 7	1 2	13 55	1 10	1 40	2 13	10 49	0 36	5 30	1 25	20 48	5 3	12 37	12 11	9 31	15 29	3 46			
M11	22 0	7 9	4 40	23 21	1 14	21 3	1 34	7 53	1 1	13 58	1 10	1 39	2 12	10 50	0 36	5 30	1 25	20 48	5 3	12 37	12 12	9 29	15 29	3 46			
T 12	21 52	10 50	5 3	23 9	1 21	21 12	1 32	7 39	1 0	14 0	1 10	1 37	2 12	10 50	0 36	5 30	1 25	20 47	5 3	12 38	12 13	9 28	15 29	3 46			
W13	21 43	14 6	5 12	22 55	1 27	21 21	1 30	7 24	1 0	14 3	1 10	1 35	2 12	10 50	0 36	5 30	1 25	20 47	5 3	12 39	12 14	9 26	15 29	3 46			
T 14	21 34	16 45	5 4	22 38	1 33	21 29	1 27	7 10	0 59	14 5	1 11	1 33	2 12	10 51	0 36	5 30	1 25	20 46	5 3	12 41	12 15	9 24	15 28	3 46			
F 15	21 25	18 32	4 39	22 18	1 37	21 37	1 25	6 56	0 58	14 8	1 11	1 32	2 12	10 51	0 36	5 30	1 25	20 46	5 3	12 42	12 16	9 23	15 28	3 46			
S 16	21 15	19 13	3 56	21 57	1 41	21 43	1 23	6 42	0 58	14 10	1 11	1 30	2 12	10 51	0 36	5 30	1 25	20 45	5 3	12 44	12 17	9 21	15 28	3 46			
S 17	21 5	18 40	2 56	21 33	1 45	21 50	1 20	6 27	0 57	14 13	1 11	1 28	2 11	10 52	0 36	5 30	1 25	20 45	5 3	12 45	12 18	9 19	15 28	3 46			
M18	20 55	16 50	1 44	21 7	1 47	21 56	1 18	6 13	0 56	14 15	1 11	1 26	2 11	10 52	0 36	5 30	1 25	20 45	5 3	12 46	12 19	9 18	15 28	3 46			
T 19	20 44	13 52	0 25	20 39	1 49	22 1	1 15	5 58	0 55	14 18	1 11	1 24	2 11	10 52	0 36	5 30	1 25	20 44	5 3	12 47	12 20	9 16	15 28	3 45			
W20	20 33	10 0	0s57	20 9	1 50	22 5	1 13	5 44	0 55	14 20	1 12	1 22	2 11	10 52	0 36	5 30	1 26	20 44	5 3	12 47	12 22	9 14	15 28	3 45			
T 21	20 22	5 33	2 13	19 38	1 50	22 9	1 10	5 29	0 54	14 22	1 12	1 20	2 11	10 53	0 36	5 30	1 26	20 43	5 3	12 46	12 23	9 13	15 28	3 45			
F 22	20 10	0 52	3 20	19 6	1 49	22 13	1 8	5 14	0 53	14 24	1 12	1 18	2 11	10 53	0 36	5 30	1 26	20 43	5 4	12 46	12 24	9 11	15 28	3 45			
S 23	19 58	3n47	4 14	18 32	1 48	22 16	1 5	5 0	0 53	14 27	1 12	1 16	2 10	10 53	0 36	5 30	1 26	20 42	5 4	12 45	12 25	9 9	15 28	3 45			
S 24	19 46	8 7	4 51	17 57	1 46	22 18	1 3	4 45	0 52	14 29	1 12	1 14	2 10	10 53	0 36	5 30	1 26	20 42	5 4	12 45	12 26	9 8	15 28	3 45			
M25	19 33	11 55	5 11	17 21	1 44	22 19	1 0	4 30	0 51	14 31	1 13	1 12	2 10	10 53	0 36	5 29	1 26	20 41	5 4	12 45	12 27	9 6	15 28	3 45			
T 26	19 20	15 3	5 14	16 44	1 41	22 20	0 57	4 15	0 50	14 33	1 13	1 10	2 10	10 54	0 36	5 29	1 26	20 41	5 4	12 46	12 28	9 4	15 28	3 45			
W27	19 6	17 21	5 1	16 6	1 38	22 21	0 54	4 1	0 50	14 35	1 13	1 8	2 10	10 54	0 36	5 29	1 26	20 40	5 4	12 47	12 29	9 3	15 28	3 45			
T 28	18 53	18 45	4 32	15 28	1 33	22 20	0 52	3 46	0 49	14 37	1 13	1 6	2 10	10 54	0 36	5 29	1 26	20 40	5 4	12 48	12 30	9 1	15 28	3 44			
F 29	18 39	19 12	3 52	14 49	1 29	22 20	0 49	3 31	0 48	14 39	1 13	1 3	2 9	10 54	0 36	5 29	1 26	20 39	5 4	12 49	12 31	8 59	15 29	3 44			
S 30	18 24	18 44	3 1	14 9	1 24	22 18	0 46	3 16	0 48	14 40	1 14	1 1	2 9	10 54	0 36	5 29	1 26	20 39	5 4	12 50	12 32	8 58	15 29	3 44			
S 31	18n10	17n23	2s 2	13n29	1n18	22n16	0s43	3n 1	0n47	14n42	1s14	0n59	2n 9	10n54	0s36	5n29	1s26	20n38	5n 4	12n51	12n33	8n56	15s29	3n44			

## ASTRODIENST EPHEMERIS for the year 2687

AUGUST 2687

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	20 38 14	9♂ 5'46	15♂15	29♂15	11♂ 1	24♂48	13♂45	2♂36	0♂ 7	17°R23	16♂36	25°R52	26♂41	9♂58	25♂44	M 1
T 2	20 42 11	10° 3'06	27° 9	0♂53	12°13	25°25	13°52	2°41	0° 7	17°Y23	16°37	25°D51	26°37	10° 5	25°44	T 2
W 3	20 46 8	11° 0'25	8♂58	2°29	13°25	26° 1	13°58	2°47	0° 7	17°23	16°39	25°Ω52	26°34	10°11	25°45	W 3
T 4	20 50 4	11°57'45	20°45	4° 4	14°37	26°38	14° 4	2°53	0° 7	17°22	16°41	25°53	26°31	10°18	25°46	T 4
F 5	20 54 1	12°55'06	2♂33	5°36	15°49	27°15	14° 9	2°58	0°R 7	17°22	16°43	25°54	26°28	10°25	25°47	F 5
S 6	20 57 57	13°52'26	14°26	7° 6	17° 1	27°51	14°15	3° 4	0° 7	17°21	16°44	25°55	26°25	10°31	25°48	S 6
S 7	21 1 54	14°49'47	26°28	8°35	18°14	28°28	14°20	3°10	0° 7	17°21	16°46	25°56	26°21	10°38	25°50	S 7
M 8	21 5 50	15°47'09	8♂44	10° 2	19°26	29° 5	14°26	3°15	0° 7	17°20	16°48	25°57	26°18	10°44	25°51	M 8
T 9	21 9 47	16°44'31	21°18	11°26	20°38	29°42	14°31	3°21	0° 7	17°20	16°49	25°R57	26°15	10°51	25°52	T 9
W10	21 13 43	17°41'54	4♂13	12°49	21°51	0♂19	14°36	3°27	0° 7	17°19	16°51	25°56	26°12	10°58	25°54	W10
T 11	21 17 40	18°39'17	17°34	14°10	23° 3	0°56	14°40	3°33	0° 7	17°18	16°53	25°56	26° 9	11° 4	25°56	T 11
F 12	21 21 37	19°36'40	1♂21	15°28	24°16	1°33	14°45	3°39	0° 6	17°18	16°55	25°55	26° 6	11°11	25°57	F 12
S 13	21 25 33	20°34'04	15°35	16°45	25°28	2°10	14°49	3°45	0° 6	17°17	16°56	25°54	26° 2	11°18	25°59	S 13
S 14	21 29 30	21°31'29	0♂12	18° 0	26°41	2°47	14°54	3°52	0° 5	17°16	16°58	25°54	25°59	11°24	26° 1	S 14
M15	21 33 26	22°28'55	15° 8	19°12	27°53	3°24	14°58	3°58	0° 5	17°15	17° 0	25°54	25°56	11°31	26° 3	M15
T 16	21 37 23	23°26'21	0♂15	20°22	29° 6	4° 1	15° 2	4° 4	0° 4	17°15	17° 2	25°D54	25°53	11°38	26° 6	T 16
W17	21 41 19	24°23'48	15°23	21°29	0♂19	4°39	15° 5	4°10	0° 4	17°14	17° 3	25°54	25°50	11°44	26° 8	W17
T 18	21 45 16	25°21'16	0°Y24	22°35	1°32	5°16	15° 9	4°17	0° 3	17°13	17° 5	25°54	25°46	11°51	26°10	T 18
F 19	21 49 12	26°18'45	15°10	23°37	2°44	5°53	15°12	4°23	0° 3	17°12	17° 7	25°R54	25°43	11°58	26°13	F 19
S 20	21 53 9	27°16'16	29°36	24°37	3°57	6°31	15°15	4°30	0° 2	17°11	17° 8	25°54	25°40	12° 4	26°15	S 20
S 21	21 57 6	28°13'48	13♂37	25°35	5°10	7° 8	15°18	4°36	0° 1	17°10	17°10	25°54	25°37	12°11	26°18	S 21
M22	22 1 2	29°11'21	27°14	26°29	6°23	7°46	15°21	4°43	0° 0	17° 9	17°12	25°D53	25°34	12°18	26°21	M22
T 23	22 4 59	0♂ 8'56	10♂17	27°20	7°36	8°24	15°23	4°49	29°Y59	17° 8	17°14	25°54	25°31	12°24	26°24	T 23
W24	22 8 55	1° 6'32	23°18	28° 8	8°49	9° 1	15°26	4°56	29°59	17° 7	17°15	25°54	25°27	12°31	26°27	W24
T 25	22 12 52	2° 4'10	5♂52	28°53	10° 2	9°39	15°28	5° 2	29°58	17° 6	17°17	25°54	25°24	12°38	26°30	T 25
F 26	22 16 48	3° 1'49	18°10	29°34	11°15	10°17	15°30	5° 9	29°57	17° 5	17°19	25°55	25°21	12°44	26°33	F 26
S 27	22 20 45	3°59'29	0♂17	0♂12	12°28	10°55	15°32	5°16	29°56	17° 4	17°20	25°56	25°18	12°51	26°36	S 27
S 28	22 24 41	4°57'11	12°15	0°45	13°42	11°32	15°33	5°23	29°55	17° 3	17°22	25°56	25°15	12°57	26°39	S 28
M29	22 28 38	5°54'54	24° 7	1°15	14°55	12°10	15°35	5°30	29°54	17° 2	17°24	25°R57	25°12	13° 4	26°43	M29
T 30	22 32 35	6°52'38	5♂56	1°40	16° 8	12°48	15°36	5°36	29°52	17° 1	17°25	25°57	25° 8	13°11	26°46	T 30
W31	22 36 31	7♂50'24	17♂43	2♂ 0	17♂22	13♂26	15♂37	5♂43	29°Y51	16°Y59	17♂27	25♂56	25♂ 5	13♂17	26♂50	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	17n55	15n16	0s58	12n49	1n12	22n13	0s41	2n46	0n46	14n44	1s14	0n57	2n 9	10n54	0s36	M 1
T 2	17 40	12 32	0n 7	12 8	1 5	22 10	0 38	2 31	0 46	14 46	1 14	0 54	2 9	10 54	0 36	T 2
W 3	17 24	9 18	1 12	11 28	0 59	22 6	0 35	2 16	0 45	14 47	1 14	0 52	2 9	10 54	0 36	W 3
T 4	17 8	5 42	2 14	10 47	0 51	22 1	0 32	2 1	0 44	14 49	1 14	0 50	2 9	10 54	0 36	T 4
F 5	16 52	1 54	3 10	10 6	0 44	21 56	0 29	1 45	0 44	14 50	1 15	0 47	2 9	10 54	0 36	F 5
S 6	16 36	2s 0	3 58	9 25	0 36	21 50	0 27	1 30	0 43	14 52	1 15	0 45	2 8	10 54	0 36	S 6
S 7	16 19	5 52	4 37	8 45	0 27	21 43	0 24	1 15	0 42	14 53	1 15	0 43	2 8	10 54	0 37	S 7
M 8	16 3	9 34	5 3	8 4	0 19	21 36	0 21	1 0	0 42	14 54	1 15	0 40	2 8	10 54	0 37	M 8
T 9	15 46	12 55	5 17	7 24	0 10	21 28	0 18	0 45	0 41	14 56	1 16	0 38	2 8	10 54	0 37	T 9
W10	15 28	15 45	5 14	6 44	0 0	21 20	0 15	0 29	0 40	14 57	1 16	0 35	2 8	10 54	0 37	W10
T 11	15 11	17 52	4 55	6 4	0s 9	21 11	0 13	0 14	0 40	14 58	1 16	0 33	2 8	10 54	0 37	T 11
F 12	14 53	19 1	4 19	5 25	0 19	21 1	0 10	0s 1	0 39	14 59	1 16	0 30	2 8	10 54	0 37	F 12
S 13	14 35	19 2	3 26	4 46	0 29	20 51	0 7	0 16	0 38	15 0	1 16	0 28	2 8	10 53	0 37	S 13
S 14	14 17	17 47	2 18	4 8	0 39	20 40	0 4	0 32	0 38	15 1	1 17	0 25	2 7	10 53	0 37	S 14
M15	13 58	15 17	0 59	3 30	0 49	20 29	0 1	0 47	0 37	15 2	1 17	0 23	2 7	10 53	0 37	M15
T 16	13 39	11 43	0s24	2 53	1 0	20 17	0n 1	1 2	0 36	15 3	1 17	0 20	2 7	10 53	0 37	T 16
W17	13 20	7 22	1 46	2 17	1 10	20 4	0 4	1 18	0 36	15 4	1 17	0 18	2 7	10 53	0 37	W17
T 18	13 1	2 36	3 0	1 42	1 21	19 51	0 7	1 33	0 35	15 5	1 17	0 15	2 7	10 52	0 37	T 18
F 19	12 42	2n14	4 1	1 7	1 32	19 38	0 9	1 48	0 34	15 6	1 18	0 12	2 7	10 52	0 37	F 19
S 20	12 22	6 50	4 45	0 33	1 43	19 23	0 12	2 4	0 34	15 6	1 18	0 10	2 7	10 52	0 37	S 20
S 21	12 3	10 55	5 11	0 1	1 54	19 8	0 15	2 19	0 33	15 7	1 18	0 7	2 7	10 52	0 37	S 21
M22	11 43	14 18	5 18	0s31	2 5	18 53	0 17	2 35	0 32	15 8	1 18	0 5	2 7	10 51	0 37	M22
T 23	11 23	16 51	5 8	1 1	2 16	18 37	0 20	2 50	0 32	15 8	1 19	0 2	2 7	10 51	0 37	T 23
W24	11 2	18 29	4 42	1 31	2 27	18 21	0 22	3 5	0 31	15 9	1 19	0s 1	2 7	10 51	0 37	W24
T 25	10 42	19 9	4 4	1 58	2 38	18 4	0 25	3 21	0 30	15 9	1 19	0 4	2 6	10 50	0 37	T 25
F 26	10 21	18 54	3 15	2 25	2 48	17 46	0 27	3 36	0 30	15 9	1 19	0 6	2 6	10 50	0 37	F 26
S 27	10 0	17 46	2 18	2 49	2 59	17 29	0 30	3 51	0 29	15 10	1 19	0 9	2 6	10 50	0 37	S 27
S 28	9 40	15 51	1 15	3 12	3 10	17 10	0 32	4 7	0 28	15 10	1 20	0 12	2 6	10 49	0 37	S 28
M29	9 18	13 16	0 10	3 33	3 20	16 51	0 35	4 22	0 28	15 10	1 20	0 15	2 6	10 49	0 37	M29
T 30	8 57	10 9	0n55	3 52	3 30	16 32	0 37	4 37	0 27	15 10	1 20	0 17	2 6	10 48	0 37	T 30
W31	8n36	6n39	1n58	4s 9	3s39	16n12	0n39	4s53	0n26	15n10	1s20	0s20	2n 6	10n48	0s37	W31

Julian Day Number = 2702678.5, Delta T = 26m18s

Ecliptic obliquity = 23°20'52, Nutation = - 0°00'08

Ayanamsha: Fagan/Bradley = 34°21'33, Lahiri = 33°28'33

## ASTRODIENST EPHEMERIS for the year 2687

SEPTEMBER 2687

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 40 28	8 <sup>m</sup> 48'10	29 <sup>m</sup> 31	2 <sup>h</sup> 15	18 <sup>h</sup> 35	14 <sup>h</sup> 5	15 <sup>h</sup> 38	5 <sup>h</sup> 50	29 <sup>h</sup> 50	16 <sup>h</sup> 58	17 <sup>h</sup> 29	25 <sup>h</sup> 54	25 <sup>h</sup> 2	13 <sup>h</sup> 24	26 <sup>h</sup> 54	T 1
F 2	22 44 24	9°45'58	11 <sup>h</sup> 23	2°26	19°48	14°43	15°38	5°57	29 <sup>h</sup> 49	16 <sup>h</sup> 57	17°30	25 <sup>h</sup> 52	24°59	13°31	26°58	F 2
S 3	22 48 21	10°43'48	23°20	2°R31	21° 2	15°21	15°39	6° 4	29°47	16°56	17°32	25°50	24°56	13°37	27° 1	S 3
S 4	22 52 17	11°41'38	5 <sup>m</sup> 26	2°30	22°15	15°59	15°R39	6°11	29°46	16°54	17°33	25°48	24°52	13°44	27° 5	S 4
M 5	22 56 14	12°39'30	17°44	2°24	23°29	16°37	15°39	6°18	29°45	16°53	17°35	25°46	24°49	13°51	27°10	M 5
T 6	23 0 10	13°37'23	0 <sup>m</sup> 17	2°12	24°42	17°16	15°39	6°25	29°43	16°52	17°37	25°45	24°46	13°57	27°14	T 6
W 7	23 4 7	14°35'17	13° 9	1°53	25°56	17°54	15°38	6°33	29°42	16°51	17°38	25°D44	24°43	14° 4	27°18	W 7
T 8	23 8 3	15°33'13	26°23	1°29	27°10	18°33	15°38	6°40	29°40	16°49	17°40	25°45	24°40	14°11	27°22	T 8
F 9	23 12 0	16°31'09	10 <sup>h</sup> 3	0°59	28°23	19°11	15°37	6°47	29°39	16°48	17°41	25°46	24°37	14°17	27°27	F 9
S 10	23 15 57	17°29'07	24° 5	0°23	29°37	19°50	15°36	6°54	29°37	16°46	17°43	25°47	24°33	14°24	27°31	S 10
S 11	23 19 53	18°27'06	8 <sup>m</sup> 33	29 <sup>m</sup> 42	0 <sup>m</sup> 51	20°29	15°35	7° 1	29°36	16°45	17°44	25°48	24°30	14°31	27°36	S 11
M12	23 23 50	19°25'07	23°24	28°56	2° 5	21° 7	15°33	7° 9	29°34	16°44	17°46	25°R49	24°27	14°37	27°41	M12
T 13	23 27 46	20°23'09	8 <sup>h</sup> 3	28° 5	3°18	21°46	15°32	7°16	29°32	16°42	17°47	25°48	24°24	14°44	27°45	T 13
W14	23 31 43	21°21'12	23°43	27°11	4°32	22°25	15°30	7°23	29°30	16°41	17°49	25°47	24°21	14°51	27°50	W14
T 15	23 35 39	22°19'17	8 <sup>h</sup> 54	26°14	5°46	23° 4	15°28	7°30	29°29	16°39	17°50	25°44	24°18	14°57	27°55	T 15
F 16	23 39 36	23°17'24	23°53	25°16	7° 0	23°42	15°26	7°38	29°27	16°38	17°52	25°40	24°14	15° 4	28° 0	F 16
S 17	23 43 32	24°15'32	8 <sup>h</sup> 32	24°18	8°14	24°21	15°23	7°45	29°25	16°36	17°53	25°36	24°11	15°11	28° 5	S 17
S 18	23 47 29	25°13'43	22°45	23°20	9°28	25° 0	15°21	7°52	29°23	16°35	17°55	25°33	24° 8	15°17	28°10	S 18
M19	23 51 26	26°11'55	6 <sup>h</sup> 22	22°25	10°42	25°39	15°18	8° 0	29°21	16°33	17°56	25°30	24° 5	15°24	28°16	M19
T 20	23 55 22	27°10'10	19°45	21°33	11°56	26°19	15°15	8° 7	29°19	16°32	17°58	25°29	24° 2	15°30	28°21	T 20
W21	23 59 19	28° 8'26	2 <sup>h</sup> 37	20°47	13°10	26°58	15°12	8°15	29°17	16°30	17°59	25°D29	23°58	15°37	28°26	W21
T 22	0 3 15	29° 6'45	15° 6	20° 6	14°24	27°37	15° 9	8°22	29°16	16°29	18° 0	25°29	23°55	15°44	28°32	T 22
F 23	0 7 12	0 <sup>h</sup> 5'06	27°18	19°32	15°39	28°16	15° 5	8°29	29°14	16°27	18° 2	25°31	23°52	15°50	28°37	F 23
S 24	0 11 8	1° 3'28	9 <sup>h</sup> 18	19° 6	16°53	28°56	15° 1	8°37	29°11	16°25	18° 3	25°33	23°49	15°57	28°43	S 24
S 25	0 15 5	2° 1'53	21°10	18°49	18° 7	29°35	14°57	8°44	29° 9	16°24	18° 4	25°R34	23°46	16° 4	28°48	S 25
M26	0 19 1	3° 0'20	2 <sup>h</sup> 58	18°D40	19°21	0 <sup>m</sup> 14	14°53	8°52	29° 7	16°22	18° 6	25°34	23°43	16°10	28°54	M26
T 27	0 22 58	3°58'48	14°44	18°41	20°36	0°54	14°49	8°59	29° 5	16°21	18° 7	25°32	23°39	16°17	29° 0	T 27
W28	0 26 55	4°57'18	26°33	18°52	21°50	1°34	14°45	9° 7	29° 3	16°19	18° 8	25°28	23°36	16°24	29° 6	W28
T 29	0 30 51	5°55'51	8 <sup>h</sup> 26	19°12	23° 4	2°13	14°40	9°14	29° 1	16°17	18°10	25°22	23°33	16°30	29°12	T 29
F 30	0 34 48	6 <sup>h</sup> 54'25	20 <sup>h</sup> 26	19 <sup>h</sup> 41	24 <sup>h</sup> 19	2 <sup>m</sup> 53	14 <sup>h</sup> 35	9 <sup>h</sup> 22	28 <sup>h</sup> 59	16 <sup>h</sup> 16	18 <sup>h</sup> 11	25 <sup>h</sup> 15	23 <sup>h</sup> 30	16 <sup>h</sup> 37	29 <sup>h</sup> 18	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	8n14	2n53	2n56	4s23	3s48	15n52	0n42	5s 8	0n26	15n10	1s20	0s23	2n 6	10n48	0s37	5n18
F 2	7 53	1s 1	3 46	4 35	3 57	15 31	0 44	5 23	0 25	15 10	1 21	0 26	2 6	10 47	0 37	5 17
S 3	7 31	4 54	4 27	4 44	4 4	15 10	0 46	5 39	0 24	15 10	1 21	0 28	2 6	10 47	0 37	5 17
S 4	7 9	8 37	4 56	4 50	4 12	14 48	0 48	5 54	0 24	15 10	1 21	0 31	2 6	10 46	0 37	5 16
M 5	6 47	12 2	5 13	4 54	4 18	14 26	0 50	6 9	0 23	15 10	1 21	0 34	2 6	10 46	0 37	5 16
T 6	6 25	15 0	5 15	4 54	4 23	14 4	0 52	6 24	0 22	15 10	1 21	0 37	2 6	10 45	0 37	5 15
W 7	6 3	17 18	5 2	4 50	4 27	13 41	0 54	6 40	0 22	15 9	1 22	0 40	2 6	10 45	0 37	5 14
T 8	5 40	18 46	4 32	4 43	4 30	13 18	0 56	6 55	0 21	15 9	1 22	0 43	2 6	10 44	0 37	5 14
F 9	5 18	19 12	3 47	4 33	4 32	12 54	0 58	7 10	0 21	15 9	1 22	0 45	2 6	10 43	0 37	5 13
S 10	4 56	18 29	2 46	4 18	4 31	12 30	1 0	7 25	0 20	15 8	1 22	0 48	2 6	10 43	0 37	5 13
S 11	4 33	16 33	1 34	4 1	4 30	12 6	1 2	7 40	0 19	15 8	1 23	0 51	2 6	10 42	0 37	5 12
M12	4 10	13 28	0 13	3 39	4 26	11 41	1 4	7 55	0 19	15 7	1 23	0 54	2 5	10 42	0 37	5 12
T 13	3 48	9 26	1s 9	3 14	4 21	11 16	1 5	8 10	0 18	15 6	1 23	0 57	2 5	10 41	0 37	5 11
W14	3 25	4 45	2 28	2 46	4 14	10 51	1 7	8 25	0 17	15 6	1 23	1 0	2 5	10 41	0 37	5 11
T 15	3 2	0n13	3 35	2 15	4 5	10 25	1 8	8 40	0 17	15 5	1 23	1 3	2 5	10 40	0 37	5 10
F 16	2 39	5 6	4 27	1 42	3 54	9 59	1 10	8 55	0 16	15 4	1 24	1 6	2 5	10 39	0 37	5 9
S 17	2 16	9 33	5 0	1 7	3 41	9 33	1 11	9 10	0 15	15 3	1 24	1 9	2 5	10 39	0 37	5 9
S 18	1 53	13 20	5 13	0 31	3 26	9 7	1 13	9 25	0 15	15 2	1 24	1 11	2 5	10 38	0 37	5 8
M19	1 30	16 15	5 8	0n 5	3 10	8 40	1 14	9 40	0 14	15 1	1 24	1 14	2 5	10 37	0 37	5 8
T 20	1 7	18 12	4 46	0 41	2 53	8 13	1 15	9 54	0 14	15 0	1 24	1 17	2 5	10 37	0 37	5 7
W21	0 44	19 9	4 10	1 16	2 34	7 46	1 17	10 9	0 13	14 59	1 24	1 20	2 5	10 36	0 37	5 6
T 22	0 21	19 8	3 24	1 50	2 15	7 19	1 18	10 24	0 12	14 58	1 25	1 23	2 5	10 35	0 37	5 6
F 23	0s 2	18 11	2 28	2 21	1 56	6 51	1 19	10 38	0 12	14 57	1 25	1 26	2 5	10 34	0 37	5 5
S 24	0 25	16 27	1 28	2 49	1 36	6 23	1 20	10 53	0 11	14 56	1 25	1 29	2 5	10 34	0 37	5 4
S 25	0 48	14 1	0 24	3 14	1 16	5 55	1 21	11 7	0 10	14 54	1 25	1 32	2 5	10 33	0 37	5 4
M26	1 11	11 0	0n40	3 35	0 57	5 27	1 22	11 22	0 10	14 53	1 25	1 35	2 5	10 32	0 37	5 3
T 27	1 35	7 34	1 43	3 52	0 38	4 59	1 22	11 36	0 9	14 52	1 25	1 38	2 5	10 31	0 37	5 3
W28	1 58	3 49	2 41	4 5	0 20	4 30	1 23	11 50	0 9	14 50	1 26	1 41	2 5	10 31	0 37	5 2
T 29	2 21	0s 5	3 32	4 13	0 3	4 1	1 24	12 4	0 8	14 49	1 26	1 43	2 5	10 30	0 37	5 1
F 30	2s44	4s 1	4n14	4n17	0n14	3n33	1n25	12s19	0n 7	14n47	1s26	1s46	2n 5	10n29	0s37	5n 1

Julian Day Number = 2702709.5, Delta T = 26m19s

Ecliptic obliquity = 23°20'53, Nutation = - 0°00'09

Ayanamsha: Fagan/Bradley = 34°21'37, Lahiri = 33°28'37

## ASTRODIENST EPHEMERIS for the year 2687

OCTOBER 2687

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 38 44	7♂53'01	2♂33	20♂19	25♂33	3♂33	14°R30	9♂29	28°R57	16°R14	18♂12	25°R 7	23♂27	16♂44	29♂24	S 1
S 2	0 42 41	8°51'39	14°49	21° 6	26°48	4°12	14♂25	9°37	28°Y54	16°Y12	18°13	24♂59	23°23	16°50	29°30	S 2
M 3	0 46 37	9°50'18	27°15	22° 1	28° 2	4°52	14°20	9°44	28°52	16°11	18°14	24°52	23°20	16°57	29°36	M 3
T 4	0 50 34	10°49'00	9♂55	23° 3	29°17	5°32	14°14	9°52	28°50	16° 9	18°16	24°46	23°17	17° 4	29°42	T 4
W 5	0 54 30	11°47'43	22°49	24°12	0♂31	6°12	14° 9	9°59	28°47	16° 7	18°17	24°42	23°14	17°10	29°49	W 5
T 6	0 58 27	12°46'27	5♂59	25°27	1°46	6°52	14° 3	10° 7	28°45	16° 6	18°18	24°41	23°11	17°17	29°55	T 6
F 7	1 2 23	13°45'14	19°30	26°48	3° 0	7°32	13°57	10°14	28°43	16° 4	18°19	24°D41	23° 8	17°24	0♂2	F 7
S 8	1 6 20	14°44'02	3♂21	28°14	4°15	8°12	13°51	10°22	28°41	16° 2	18°20	24°41	23° 4	17°30	0° 8	S 8
S 9	1 10 17	15°42'51	17°34	29°44	5°30	8°52	13°44	10°29	28°38	16° 1	18°21	24°R42	23° 1	17°37	0°15	S 9
M10	1 14 13	16°41'43	2♂8	1♂17	6°44	9°33	13°38	10°37	28°36	15°59	18°22	24°42	22°58	17°44	0°21	M10
T 11	1 18 10	17°40'36	16°59	2°54	7°59	10°13	13°32	10°44	28°34	15°57	18°23	24°40	22°55	17°50	0°28	T 11
W12	1 22 6	18°39'30	2°Y 1	4°33	9°14	10°53	13°25	10°52	28°31	15°56	18°24	24°36	22°52	17°57	0°35	W12
T 13	1 26 3	19°38'27	17° 6	6°14	10°28	11°34	13°18	11° 9	28°29	15°54	18°25	24°30	22°49	18° 4	0°41	T 13
F 14	1 29 59	20°37'26	2♂5	7°57	11°43	12°14	13°11	11° 5	28°26	15°52	18°26	24°22	22°45	18°10	0°48	F 14
S 15	1 33 56	21°36'26	16°47	9°42	12°58	12°55	13° 4	11°14	28°24	15°51	18°27	24°13	22°42	18°17	0°55	S 15
S 16	1 37 52	22°35'29	1♂5	11°27	14°13	13°35	12°57	11°21	28°22	15°49	18°28	24° 4	22°39	18°24	1° 2	S 16
M17	1 41 49	23°34'34	14°56	13°12	15°28	14°16	12°50	11°29	28°19	15°47	18°29	23°56	22°36	18°30	1° 9	M17
T 18	1 45 46	24°33'42	28°18	14°58	16°42	14°56	12°43	11°36	28°17	15°46	18°30	23°51	22°33	18°37	1°16	T 18
W19	1 49 42	25°32'51	11♂13	16°45	17°57	15°37	12°35	11°43	28°14	15°44	18°31	23°48	22°29	18°44	1°23	W19
T 20	1 53 39	26°32'03	23°44	18°31	19°12	16°18	12°28	11°51	28°12	15°43	18°31	23°D47	22°26	18°50	1°30	T 20
F 21	1 57 35	27°31'17	5♂56	20°17	20°27	16°59	12°20	11°58	28° 9	15°41	18°32	23°47	22°23	18°57	1°37	F 21
S 22	2 1 32	28°30'34	17°54	22° 3	21°42	17°40	12°13	12° 5	28° 7	15°39	18°33	23°R48	22°20	19° 4	1°44	S 22
S 23	2 5 28	29°29'53	29°44	23°48	22°57	18°21	12° 5	12°13	28° 5	15°38	18°34	23°48	22°17	19°10	1°51	S 23
M24	2 9 25	0♂29'13	11♂13	25°33	24°12	19° 2	11°57	12°20	28° 2	15°36	18°34	23°46	22°14	19°17	1°59	M24
T 25	2 13 21	1°28'36	23°19	27°18	25°27	19°43	11°49	12°27	28° 0	15°35	18°35	23°42	22°10	19°23	2° 6	T 25
W26	2 17 18	2°28'02	5♂12	29° 2	26°42	20°24	11°41	12°34	27°57	15°33	18°36	23°35	22° 7	19°30	2°13	W26
T 27	2 21 15	3°27'29	17°12	0♂46	27°57	21° 5	11°33	12°42	27°55	15°31	18°36	23°26	22° 4	19°37	2°21	T 27
F 28	2 25 11	4°26'58	29°22	2°28	29°12	21°46	11°25	12°49	27°52	15°30	18°37	23°14	22° 1	19°43	2°28	F 28
S 29	2 29 8	5°26'30	11♂43	4°11	0♂27	22°28	11°17	12°56	27°50	15°28	18°38	23° 1	21°58	19°50	2°36	S 29
S 30	2 33 4	6°26'03	24°15	5°52	1°42	23° 9	11° 9	13° 3	27°48	15°27	18°38	22°48	21°54	19°57	2°43	S 30
M31	2 37 1	7♂25'39	6♂58	7♂33	2♂57	23♂50	11♂1	13♂10	27°Y45	15°Y25	18♂39	22♂36	21♂51	20♂3	2♂51	M31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	3s 7	7s50	4n45	4n16	0n29	3n 4	1n25	12s33	0n 7	14n45	1s26	1s49	2n 5	10n28	0s37	5n 0
S 2	3 30	11 22	5 4	4 10	0 43	2 35	1 26	12 47	0 6	14 44	1 26	1 52	2 5	10 28	0 37	4 59
M 3	3 53	14 28	5 8	4 0	0 55	2 6	1 26	13 1	0 6	14 42	1 26	1 55	2 6	10 27	0 37	4 59
T 4	4 16	16 56	4 58	3 46	1 7	1 36	1 26	13 14	0 5	14 40	1 26	1 58	2 6	10 26	0 37	4 58
W 5	4 39	18 37	4 32	3 28	1 17	1 7	1 27	13 28	0 4	14 39	1 27	2 1	2 6	10 25	0 37	4 57
T 6	5 2	19 21	3 52	3 7	1 25	0 38	1 27	13 42	0 4	14 37	1 27	2 4	2 6	10 24	0 37	4 57
F 7	5 24	19 0	2 58	2 41	1 33	0 8	1 27	13 55	0 3	14 35	1 27	2 7	2 6	10 24	0 37	4 56
S 8	5 47	17 30	1 53	2 13	1 39	0s21	1 27	14 9	0 2	14 33	1 27	2 10	2 6	10 23	0 37	4 56
S 9	6 10	14 54	0 38	1 42	1 44	0 50	1 27	14 22	0 2	14 31	1 27	2 12	2 6	10 22	0 37	4 55
M10	6 32	11 18	0s40	1 9	1 48	1 20	1 27	14 36	0 1	14 29	1 27	2 15	2 6	10 21	0 37	4 54
T 11	6 55	6 55	1 57	0 33	1 51	1 49	1 27	14 49	0 1	14 27	1 27	2 18	2 6	10 20	0 37	4 54
W12	7 17	2 3	3 7	0s 4	1 53	2 19	1 27	15 2	0 0	14 25	1 27	2 21	2 6	10 19	0 37	4 53
T 13	7 39	2n57	4 3	0 43	1 54	2 48	1 27	15 15	0s 1	14 23	1 27	2 24	2 6	10 19	0 37	4 52
F 14	8 1	7 43	4 43	1 23	1 55	3 18	1 26	15 28	0 1	14 21	1 27	2 27	2 6	10 18	0 37	4 52
S 15	8 24	11 56	5 3	2 5	1 54	3 47	1 26	15 41	0 2	14 19	1 27	2 29	2 6	10 17	0 37	4 51
S 16	8 45	15 21	5 3	2 47	1 53	4 16	1 25	15 54	0 2	14 17	1 28	2 32	2 6	10 16	0 37	4 50
M17	9 7	17 46	4 45	3 30	1 51	4 45	1 25	16 6	0 3	14 14	1 28	2 35	2 6	10 15	0 37	4 50
T 18	9 29	19 8	4 12	4 13	1 48	5 15	1 24	16 19	0 4	14 12	1 28	2 38	2 6	10 14	0 37	4 49
W19	9 50	19 26	3 27	4 56	1 45	5 44	1 24	16 31	0 4	14 10	1 28	2 41	2 6	10 13	0 37	4 49
T 20	10 12	18 45	2 34	5 40	1 41	6 12	1 23	16 44	0 5	14 8	1 28	2 43	2 6	10 13	0 37	4 48
F 21	10 33	17 12	1 34	6 24	1 37	6 41	1 22	16 56	0 5	14 5	1 28	2 46	2 7	10 12	0 37	4 47
S 22	10 54	14 54	0 31	7 7	1 33	7 10	1 22	17 8	0 6	14 3	1 28	2 49	2 7	10 11	0 37	4 47
S 23	11 15	12 1	0n32	7 51	1 28	7 38	1 21	17 20	0 7	14 1	1 28	2 52	2 7	10 10	0 37	4 46
M24	11 36	8 39	1 33	8 34	1 23	8 7	1 20	17 32	0 7	13 58	1 28	2 54	2 7	10 9	0 37	4 45
T 25	11 57	4 57	2 30	9 16	1 17	8 35	1 19	17 43	0 8	13 56	1 28	2 57	2 7	10 8	0 37	4 45
W26	12 17	1 2	3 21	9 58	1 12	9 3	1 18	17 55	0 8	13 53	1 28	3 0	2 7	10 7	0 37	4 44
T 27	12 37	2s58	4 4	10 40	1 6	9 31	1 17	18 6	0 9	13 51	1 28	3 3	2 7	10 7	0 37	4 44
F 28	12 57	6 54	4 36	11 21	1 0	9 58	1 15	18 18	0 10	13 49	1 28	3 5	2 7	10 6	0 37	4 43
S 29	13 17	10 36	4 55	12 2	0 53	10 26	1 14	18 29	0 10	13 46	1 28	3 8	2 7	10 5	0 37	4 43
S 30	13 37	13 54	5 1	12 41	0 47	10 53	1 13	18 40	0 11	13 44	1 28	3 11	2 7	10 4	0 37	4 42
M31	13s56	16s35	4n52	13s20	0n41	11s20	1n12	18s51	0s11	13n41	1s28	3s13	2n 8	10n 3	0s37	4n41

Julian Day Number = 2702739.5, Delta T = 26m19s

Ecliptic obliquity = 23°20'53", Nutation = - 0°00'11

Ayanamsha: Fagan/Bradley = 34°21'41, Lahiri = 33°28'41

# ASTRODIENST EPHEMERIS for the year 2687

NOVEMBER 2687

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 40 57	8♉25°16	19♊52	9♉14	4♉12	24♉32	10°R53	13♉17	27°R43	15°R24	18♉39	22°R26	21♉48	20♉10	2♊58	T 1
W 2	2 44 54	9°24'55	2♊58	10°54	5°27	25°13	10♊45	13°24	27°Y41	15°Y22	18°40	22♊18	21°45	20°17	3° 6	W 2
T 3	2 48 50	10°24'36	16°16	12°33	6°42	25°55	10°37	13°31	27°38	15°21	18°40	22°14	21°42	20°23	3°13	T 3
F 4	2 52 47	11°24'18	29°47	14°11	7°57	26°37	10°29	13°38	27°36	15°19	18°41	22°12	21°39	20°30	3°21	F 4
S 5	2 56 44	12°24'02	13♋32	15°49	9°13	27°18	10°21	13°45	27°33	15°18	18°41	22°12	21°35	20°37	3°29	S 5
S 6	3 0 40	13°23'48	27°33	17°27	10°28	28° 0	10°12	13°52	27°31	15°16	18°41	22°11	21°32	20°43	3°36	S 6
M 7	3 4 37	14°23'35	11♌49	19° 4	11°43	28°42	10° 4	13°59	27°29	15°15	18°42	22°11	21°29	20°50	3°44	M 7
T 8	3 8 33	15°23'24	26°18	20°40	12°58	29°24	9°56	14° 5	27°27	15°14	18°42	22° 7	21°26	20°57	3°52	T 8
W 9	3 12 30	16°23'14	10♍58	22°16	14°13	0♎6	9°48	14°12	27°24	15°12	18°42	22° 1	21°23	21° 3	3°59	W 9
T 10	3 16 26	17°23'07	25°42	23°52	15°28	0°48	9°40	14°19	27°22	15°11	18°43	21°53	21°20	21°10	4° 7	T 10
F 11	3 20 23	18°23'01	10♏23	25°26	16°43	1°30	9°32	14°25	27°20	15°10	18°43	21°42	21°16	21°17	4°15	F 11
S 12	3 24 19	19°22'57	24°53	27° 1	17°59	2°12	9°24	14°32	27°18	15° 8	18°43	21°30	21°13	21°23	4°23	S 12
S 13	3 28 16	20°22'54	9♐53	28°35	19°14	2°54	9°17	14°39	27°15	15° 7	18°43	21°18	21°10	21°30	4°31	S 13
M14	3 32 13	21°22'54	22°53	0♑8	20°29	3°36	9° 9	14°45	27°13	15° 6	18°44	21° 7	21° 7	21°37	4°39	M14
T 15	3 36 9	22°22'56	6♑16	1°41	21°44	4°18	9° 1	14°52	27°11	15° 4	18°44	20°59	21° 4	21°43	4°46	T 15
W16	3 40 6	23°23'00	19°13	3°14	23° 0	5° 1	8°53	14°58	27° 9	15° 3	18°44	20°53	21° 0	21°50	4°54	W16
T 17	3 44 2	24°23'05	1♒47	4°47	24°15	5°43	8°46	15° 5	27° 7	15° 2	18°44	20°50	20°57	21°57	5° 2	T 17
F 18	3 47 59	25°23'13	14° 1	6°19	25°30	6°25	8°38	15°11	27° 5	15° 1	18°44	20°49	20°54	22° 3	5°10	F 18
S 19	3 51 55	26°23'23	26° 1	7°50	26°45	7° 8	8°31	15°17	27° 3	15° 0	18°44	20°49	20°51	22°10	5°18	S 19
S 20	3 55 52	27°23'35	7♒52	9°21	28° 0	7°50	8°24	15°23	27° 1	14°58	18°R44	20°49	20°48	22°17	5°26	S 20
M21	3 59 48	28°23'49	19°40	10°52	29°16	8°33	8°17	15°30	26°59	14°57	18°44	20°47	20°45	22°23	5°34	M21
T 22	4 3 45	29°24'04	1♐30	12°23	0♒31	9°16	8° 9	15°36	26°57	14°56	18°44	20°44	20°41	22°30	5°42	T 22
W23	4 7 42	0♓24'22	13°26	13°53	1°46	9°58	8° 2	15°42	26°55	14°55	18°44	20°37	20°38	22°37	5°50	W23
T 24	4 11 38	1°24'42	25°33	15°22	3° 2	10°41	7°56	15°48	26°53	14°54	18°44	20°28	20°35	22°43	5°58	T 24
F 25	4 15 35	2°25'03	7♉54	16°52	4°17	11°24	7°49	15°54	26°51	14°53	18°44	20°16	20°32	22°50	6° 6	F 25
S 26	4 19 31	3°25'26	20°28	18°21	5°32	12° 7	7°42	16° 0	26°49	14°52	18°43	20° 3	20°29	22°57	6°14	S 26
S 27	4 23 28	4°25'51	3♊18	19°49	6°48	12°50	7°36	16° 5	26°48	14°51	18°43	19°49	20°26	23° 3	6°22	S 27
M28	4 27 24	5°26'18	16°22	21°17	8° 3	13°33	7°30	16°11	26°46	14°50	18°43	19°37	20°22	23°10	6°30	M28
T 29	4 31 21	6°26'46	29°38	22°45	9°18	14°16	7°23	16°17	26°44	14°49	18°43	19°26	20°19	23°17	6°38	T 29
W30	4 35 17	7♊27'15	13♊56	24♊12	10♊34	14♊59	7♊17	16♊22	26°Y43	14°Y49	18♊43	19♊19	20♊16	23♊23	6♊46	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	14s15	18s31	4n28	13s59	0n34	11s46	1n10	19s 1	0s12	13n39	1s28	3s16	2n 8	10n 2	0s37	4n41
W 2	14 34	19 30	3 49	14 36	0 27	12 13	1 9	19 12	0 13	13 36	1 28	3 18	2 8	10 2	0 37	4 40
T 3	14 53	19 25	2 58	15 13	0 20	12 39	1 7	19 22	0 13	13 34	1 27	3 21	2 8	10 1	0 37	4 40
F 4	15 12	18 14	1 56	15 49	0 14	13 4	1 6	19 33	0 14	13 31	1 27	3 24	2 8	10 0	0 37	4 39
S 5	15 30	15 58	0 46	16 24	0 7	13 30	1 4	19 43	0 14	13 29	1 27	3 26	2 8	9 59	0 37	4 39
S 6	15 48	12 43	0s28	16 58	0 0	10 55	1 2	19 53	0 15	13 27	1 27	3 29	2 8	9 58	0 37	4 38
M 7	16 6	8 41	1 42	17 32	0s 7	14 20	1 1	20 3	0 15	13 24	1 27	3 31	2 8	9 57	0 37	4 38
T 8	16 23	4 4	2 50	18 4	0 14	14 44	0 59	20 12	0 16	13 22	1 27	3 34	2 9	9 57	0 37	4 37
W 9	16 40	0n50	3 47	18 36	0 20	15 8	0 57	20 22	0 17	13 19	1 27	3 36	2 9	9 56	0 37	4 37
T 10	16 57	5 42	4 30	19 6	0 27	15 32	0 55	20 31	0 17	13 17	1 27	3 39	2 9	9 55	0 37	4 36
F 11	17 14	10 12	4 55	19 36	0 34	15 55	0 54	20 40	0 18	13 14	1 27	3 41	2 9	9 54	0 37	4 36
S 12	17 30	14 4	5 0	20 4	0 40	16 18	0 52	20 49	0 18	13 12	1 27	3 43	2 9	9 54	0 37	4 35
S 13	17 47	17 1	4 46	20 32	0 47	16 40	0 50	20 58	0 19	13 10	1 26	3 46	2 9	9 53	0 37	4 35
M14	18 2	18 54	4 16	20 58	0 53	17 2	0 48	21 7	0 20	13 7	1 26	3 48	2 9	9 52	0 37	4 34
T 15	18 18	19 40	3 32	21 24	1 0	17 24	0 46	21 15	0 20	13 5	1 26	3 50	2 10	9 51	0 37	4 34
W16	18 33	19 21	2 39	21 48	1 6	17 45	0 44	21 23	0 21	13 3	1 26	3 53	2 10	9 51	0 37	4 33
T 17	18 48	18 5	1 39	22 11	1 12	18 5	0 42	21 32	0 21	13 1	1 26	3 55	2 10	9 50	0 37	4 33
F 18	19 2	15 59	0 36	22 34	1 18	18 25	0 39	21 39	0 22	12 58	1 26	3 57	2 10	9 49	0 37	4 32
S 19	19 16	13 14	0n28	22 55	1 24	18 45	0 37	21 47	0 22	12 56	1 26	4 0	2 10	9 48	0 37	4 32
S 20	19 30	9 58	1 29	23 15	1 29	19 4	0 35	21 55	0 23	12 54	1 25	4 2	2 10	9 48	0 37	4 32
M21	19 44	6 19	2 26	23 33	1 35	19 23	0 33	22 2	0 23	12 52	1 25	4 4	2 11	9 47	0 37	4 31
T 22	19 57	2 26	3 18	23 51	1 40	19 41	0 31	22 9	0 24	12 50	1 25	4 6	2 11	9 46	0 37	4 31
W23	20 9	1s35	4 1	24 7	1 45	19 58	0 28	22 16	0 25	12 48	1 25	4 8	2 11	9 46	0 37	4 30
T 24	20 22	5 36	4 33	24 23	1 50	20 15	0 26	22 23	0 25	12 46	1 25	4 10	2 11	9 45	0 37	4 30
F 25	20 34	9 27	4 54	24 37	1 55	20 32	0 24	22 29	0 26	12 44	1 24	4 13	2 11	9 44	0 37	4 30
S 26	20 46	12 58	5 1	24 49	2 0	20 47	0 22	22 36	0 26	12 42	1 24	4 15	2 11	9 44	0 37	4 29
S 27	20 57	15 57	4 53	25 1	2 4	21 3	0 19	22 42	0 27	12 40	1 24	4 17	2 12	9 43	0 37	4 29
M28	21 8	18 11	4 29	25 11	2 8	21 17	0 17	22 48	0 27	12 38	1 24	4 19	2 12	9 43	0 37	4 29
T 29	21 18	19 30	3 51	25 20	2 11	21 31	0 15	22 53	0 28	12 36	1 24	4 21	2 12	9 42	0 37	4 28
W30	21s28	19s44	2n59	25s28	2s15	21s45	0n12	22s59	0s28	12n35	1s23	4s23	2n12	9n41	0s37	4n28

Julian Day Number = 2702770.5, Delta T = 26m20s  
 Ecliptic obliquity = 23°20'53", Nutation = - 0°00'13"  
 Ayanamsha: Fagan/Bradley = 34°21'46", Lahiri = 33°28'46"

## ASTRODIENST EPHEMERIS for the year 2687

DECEMBER 2687

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 39 14	8°27'46	26°34'3	25°39	11°49	15°42	7°R11	16°28	26°R41	14°R48	18°R42	19°R14	20°R13	23°R30	6°53	T 1
F 2	4 43 11	9°28'18	10°28'20	27° 4	13° 4	16°25	7° 6	16°34	26°Y39	14°Y47	18°R42	19°R12	20° 10	23°37	7° 1	F 2
S 3	4 47 7	10°28'51	24°20	28°30	14°20	17° 8	7° 0	16°39	26°38	14°46	18°42	19°D12	20° 6	23°43	7° 9	S 3
S 4	4 51 4	11°29'26	8°19	29°54	15°35	17°52	6°55	16°44	26°36	14°45	18°41	19°R12	20° 3	23°50	7°17	S 4
M 5	4 55 0	12°30'01	22°25	1°18	16°50	18°35	6°50	16°50	26°35	14°45	18°41	19°12	20° 0	23°57	7°25	M 5
T 6	4 58 57	13°30'37	6°Y37	2°40	18° 6	19°19	6°44	16°55	26°33	14°44	18°40	19°10	19°57	24° 3	7°33	T 6
W 7	5 2 53	14°31'15	20°54	4° 1	19°21	20° 2	6°40	17° 0	26°32	14°43	18°40	19° 5	19°54	24°10	7°41	W 7
T 8	5 6 50	15°31'54	5°B10	5°21	20°36	20°46	6°35	17° 5	26°31	14°43	18°39	18°58	19°51	24°17	7°49	T 8
F 9	5 10 46	16°32'33	19°24	6°40	21°52	21°29	6°30	17°10	26°29	14°42	18°39	18°48	19°47	24°23	7°57	F 9
S 10	5 14 43	17°33'14	3°II29	7°57	23° 7	22°13	6°26	17°15	26°28	14°42	18°38	18°38	19°44	24°30	8° 5	S 10
S 11	5 18 40	18°33'57	17°20	9°12	24°22	22°56	6°22	17°20	26°27	14°41	18°38	18°28	19°41	24°37	8°13	S 11
M12	5 22 36	19°34'40	0°54	10°24	25°38	23°40	6°18	17°25	26°26	14°41	18°37	18°18	19°38	24°43	8°21	M12
T 13	5 26 33	20°35'25	14° 7	11°34	26°53	24°24	6°14	17°29	26°24	14°40	18°37	18°11	19°35	24°50	8°28	T 13
W14	5 30 29	21°36'11	27° 0	12°42	28° 8	25° 8	6°11	17°34	26°23	14°40	18°36	18° 6	19°32	24°57	8°36	W14
T 15	5 34 26	22°36'58	9°R32	13°45	29°24	25°52	6° 7	17°38	26°22	14°39	18°35	18° 4	19°28	25° 3	8°44	T 15
F 16	5 38 22	23°37'47	21°47	14°45	0°39	26°36	6° 4	17°43	26°21	14°39	18°35	18°D 4	19°25	25°10	8°52	F 16
S 17	5 42 19	24°38'36	3°II48	15°41	1°54	27°20	6° 1	17°47	26°20	14°39	18°34	18° 5	19°22	25°17	9° 0	S 17
S 18	5 46 15	25°39'28	15°40	16°31	3°10	28° 4	5°58	17°51	26°19	14°38	18°33	18° 6	19°19	25°23	9° 7	S 18
M19	5 50 12	26°40'20	27°29	17°15	4°25	28°48	5°56	17°56	26°19	14°38	18°33	18°R 6	19°16	25°30	9°15	M19
T 20	5 54 9	27°41'14	9°A20	17°53	5°40	29°32	5°53	18° 0	26°18	14°38	18°32	18° 5	19°12	25°37	9°23	T 20
W21	5 58 5	28°42'08	21°18	18°24	6°56	0°16	5°51	18° 4	26°17	14°38	18°31	18° 3	19° 9	25°43	9°30	W21
T 22	6 2 2	29°43'04	3°II28	18°46	8°11	1° 0	5°49	18° 8	26°16	14°37	18°30	17°58	19° 6	25°50	9°38	T 22
F 23	6 5 58	0°34'01	15°53	18°59	9°26	1°45	5°47	18°12	26°16	14°37	18°29	17°51	19° 3	25°57	9°46	F 23
S 24	6 9 55	1°45'00	28°37	19°R 2	10°42	2°29	5°46	18°15	26°15	14°37	18°29	17°43	19° 0	26° 4	9°53	S 24
S 25	6 13 51	2°45'59	11°A40	18°55	11°57	3°14	5°44	18°19	26°14	14°37	18°28	17°34	18°57	26°10	10° 1	S 25
M26	6 17 48	3°46'59	25° 2	18°36	13°13	3°58	5°43	18°22	26°14	14°D37	18°27	17°26	18°53	26°17	10° 8	M26
T 27	6 21 44	4°48'00	8°B41	18° 6	14°28	4°43	5°42	18°26	26°13	14°37	18°26	17°20	18°50	26°24	10°16	T 27
W28	6 25 41	5°49'02	22°35	17°24	15°43	5°27	5°41	18°29	26°13	14°37	18°25	17°15	18°47	26°30	10°23	W28
T 29	6 29 38	6°50'04	6°A39	16°31	16°59	6°12	5°41	18°33	26°13	14°37	18°24	17°13	18°44	26°37	10°31	T 29
F 30	6 33 34	7°51'07	20°49	15°28	18°14	6°56	5°41	18°36	26°12	14°37	18°23	17°D12	18°41	26°44	10°38	F 30
S 31	6 37 31	8°52'10	5°H 2	14°B17	19°B29	7°B41	5°D40	18°A39	26°Y12	14°Y38	18°R22	17°R13	18°R38	26°R50	10°A45	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	21s38	18s50	1n56	25s34	2s18	21s57	0n10	23s 4	0s29	12n33	1s23	4s25	2n12	9n41	0s37	4n28
F 2	21 47	16 48	0 46	25 39	2 20	22 9	0 7	23 9	0 30	12 31	1 23	4 27	2 13	9 40	0 37	4 27
S 3	21 56	13 47	0s27	25 43	2 23	22 21	0 5	23 14	0 30	12 30	1 23	4 28	2 13	9 40	0 37	4 27
S 4	22 4	9 58	1 40	25 46	2 25	22 32	0 3	23 18	0 31	12 28	1 22	4 30	2 13	9 39	0 37	4 27
M 5	22 12	5 33	2 47	25 47	2 26	22 42	0 0	23 23	0 31	12 27	1 22	4 32	2 13	9 39	0 37	4 27
T 6	22 20	0 49	3 44	25 46	2 27	22 51	0s 2	23 27	0 32	12 25	1 22	4 34	2 13	9 38	0 37	4 26
W 7	22 27	3n59	4 28	25 45	2 28	23 0	0 5	23 31	0 32	12 24	1 22	4 36	2 14	9 38	0 37	4 26
T 8	22 34	8 33	4 55	25 42	2 28	23 8	0 7	23 34	0 33	12 23	1 21	4 37	2 14	9 37	0 37	4 26
F 9	22 40	12 38	5 4	25 38	2 27	23 15	0 9	23 38	0 33	12 22	1 21	4 39	2 14	9 37	0 36	4 26
S 10	22 46	15 58	4 54	25 33	2 26	23 22	0 12	23 41	0 34	12 20	1 21	4 41	2 14	9 36	0 36	4 26
S 11	22 51	18 20	4 26	25 26	2 24	23 28	0 14	23 44	0 34	12 19	1 21	4 42	2 15	9 36	0 36	4 26
M12	22 56	19 36	3 45	25 18	2 22	23 33	0 17	23 47	0 35	12 18	1 20	4 44	2 15	9 36	0 36	4 25
T 13	23 1	19 46	2 51	25 9	2 19	23 38	0 19	23 49	0 35	12 17	1 20	4 45	2 15	9 35	0 36	4 25
W14	23 5	18 52	1 51	24 59	2 15	23 41	0 21	23 51	0 36	12 16	1 20	4 47	2 15	9 35	0 36	4 25
T 15	23 9	17 4	0 46	24 48	2 10	23 44	0 24	23 53	0 36	12 16	1 19	4 48	2 16	9 34	0 36	4 25
F 16	23 12	14 31	0n20	24 35	2 4	23 47	0 26	23 55	0 37	12 15	1 19	4 50	2 16	9 34	0 36	4 25
S 17	23 14	11 23	1 24	24 22	1 57	23 48	0 28	23 57	0 38	12 14	1 19	4 51	2 16	9 34	0 36	4 25
S 18	23 17	7 50	2 23	24 8	1 49	23 49	0 31	23 58	0 38	12 13	1 19	4 53	2 16	9 34	0 36	4 25
M19	23 18	4 0	3 16	23 54	1 40	23 49	0 33	23 59	0 39	12 13	1 18	4 54	2 16	9 33	0 36	4 25
T 20	23 20	0 0	4 1	23 39	1 30	23 49	0 35	24 0	0 39	12 12	1 18	4 55	2 17	9 33	0 36	4 25
W21	23 20	4s 1	4 35	23 23	1 19	23 47	0 37	24 0	0 40	12 12	1 18	4 57	2 17	9 33	0 36	4 25
T 22	23 21	7 56	4 58	23 8	1 6	23 45	0 40	24 1	0 40	12 12	1 17	4 58	2 17	9 33	0 36	4 25
F 23	23 21	11 37	5 8	22 52	0 52	23 43	0 42	24 1	0 41	12 11	1 17	4 59	2 17	9 32	0 36	4 25
S 24	23 20	14 51	5 3	22 36	0 37	23 39	0 44	24 0	0 41	12 11	1 17	5 0	2 18	9 32	0 36	4 25
S 25	23 19	17 27	4 42	22 21	0 20	23 35	0 46	24 0	0 42	12 11	1 17	5 2	2 18	9 32	0 36	4 25
M26	23 18	19 11	4 5	22 6	0 2	23 30	0 48	23 59	0 42	12 11	1 16	5 3	2 18	9 32	0 36	4 25
T 27	23 16	19 51	3 13	21 52	0n16	23 24	0 50	23 58	0 42	12 11	1 16	5 4	2 19	9 32	0 36	4 25
W28	23 13	19 20	2 10	21 38	0 36	23 18	0 52	23 57	0 43	12 11	1 16	5 5	2 19	9 32	0 36	4 25
T 29	23 10	17 37	0 57	21 25	0 56	23 10	0 54	23 56	0 43	12 11	1 15	5 6	2 19	9 31	0 36	4 25
F 30	23 7	14 49	0s20	21 12	1 16	23 3	0 56	23 54	0 44	12 11	1 15	5 7	2 19	9 31	0 36	4 25
S 31	23s 3	11s 7	1s36	21s 1	1n35	22s54	0s58	23s52	0s44	12n11	1s15	5s 8	2n20	9n31	0s36	4n25

Julian Day Number = 2702800.5, Delta T = 26m20s

Ecliptic obliquity = 23°20'52, Nutation = - 0°00'12

Ayanamsha: Fagan/Bradley = 34°21'50, Lahiri = 33°28'50

## ASTRODIENST EPHEMERIS for the year 2688

JANUARY 2688

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 41 27	9°53'13	19°16	12°R59	20°345	8°326	5°41	18°42	26°R12	14°V38	18°R21	17°15	18°134	26°157	10°53	S 1
M 2	6 45 24	10°54'17	3°V27	11°337	22° 0	9°11	5°41	18°45	26°V12	14°38	18°120	17°16	18°31	27° 4	11° 0	M 2
T 3	6 49 20	11°55'21	17°34	10°15	23°15	9°56	5°41	18°47	26°11	14°38	18°19	17°R16	18°28	27°10	11° 7	T 3
W 4	6 53 17	12°56'25	18°36	8°53	24°31	10°40	5°42	18°50	26°11	14°38	18°18	17°15	18°25	27°17	11°14	W 4
T 5	6 57 13	13°57'29	15°31	7°37	25°46	11°25	5°43	18°53	26°D11	14°39	18°17	17°11	18°22	27°24	11°21	T 5
F 6	7 1 10	14°58'33	29°17	6°26	27° 1	12°10	5°44	18°55	26°11	14°39	18°16	17° 7	18°18	27°30	11°29	F 6
S 7	7 5 7	15°59'37	12°154	5°24	28°17	12°55	5°46	18°58	26°12	14°40	18°15	17° 2	18°15	27°37	11°36	S 7
S 8	7 9 3	17° 0'42	26°17	4°32	29°32	13°40	5°47	19° 0	26°12	14°40	18°13	16°57	18°12	27°44	11°43	S 8
M 9	7 13 0	18° 1'47	9°27	3°49	0°47	14°26	5°49	19° 2	26°12	14°40	18°12	16°52	18° 9	27°50	11°50	M 9
T 10	7 16 56	19° 2'52	22°22	3°18	2° 3	15°11	5°51	19° 4	26°12	14°41	18°11	16°49	18° 6	27°57	11°56	T 10
W 11	7 20 53	20° 3'57	5°1	2°56	3°18	15°56	5°53	19° 6	26°12	14°42	18°10	16°47	18° 3	28° 4	12° 3	W 11
T 12	7 24 49	21° 5'02	17°25	2°45	4°33	16°41	5°55	19° 8	26°13	14°42	18° 9	16°D46	17°59	28°10	12°10	T 12
F 13	7 28 46	22° 6'08	29°36	2°D44	5°49	17°27	5°58	19°10	26°13	14°43	18° 8	16°47	17°56	28°17	12°17	F 13
S 14	7 32 43	23° 7'14	11°36	2°51	7° 4	18°12	6° 1	19°11	26°14	14°43	18° 6	16°48	17°53	28°24	12°24	S 14
S 15	7 36 39	24° 8'20	23°29	3° 7	8°19	18°57	6° 4	19°13	26°14	14°44	18° 5	16°50	17°50	28°30	12°30	S 15
M 16	7 40 36	25° 9'26	5°18	3°30	9°34	19°43	6° 7	19°14	26°15	14°45	18° 4	16°52	17°47	28°37	12°37	M 16
T 17	7 44 32	26°10'33	17° 9	4° 0	10°50	20°28	6°10	19°16	26°15	14°45	18° 3	16°53	17°44	28°44	12°43	T 17
W 18	7 48 29	27°11'40	29° 7	4°37	12° 5	21°14	6°14	19°17	26°16	14°46	18° 1	16°R53	17°40	28°50	12°50	W 18
T 19	7 52 25	28°12'47	11°15	5°18	13°20	21°59	6°18	19°18	26°17	14°47	18° 0	16°53	17°37	28°57	12°56	T 19
F 20	7 56 22	29°13'54	23°39	6° 5	14°35	22°45	6°22	19°19	26°17	14°48	17°59	16°51	17°34	29° 4	13° 2	F 20
S 21	8 0 18	0°15'01	6°23	6°56	15°51	23°31	6°26	19°20	26°18	14°49	17°57	16°49	17°31	29°10	13° 9	S 21
S 22	8 4 15	1°16'09	19°29	7°51	17° 6	24°16	6°30	19°21	26°19	14°50	17°56	16°47	17°28	29°17	13°15	S 22
M 23	8 8 12	2°17'16	3°30	8°49	18°21	25° 2	6°35	19°21	26°20	14°51	17°55	16°45	17°24	29°24	13°21	M 23
T 24	8 12 8	3°18'23	16°53	9°51	19°36	25°48	6°39	19°22	26°21	14°52	17°54	16°43	17°21	29°30	13°27	T 24
W 25	8 16 5	4°19'30	1°6	10°55	20°51	26°34	6°44	19°23	26°22	14°53	17°52	16°42	17°18	29°37	13°33	W 25
T 26	8 20 1	5°20'37	15°36	12° 2	22° 7	27°20	6°49	19°23	26°23	14°54	17°51	16°D41	17°15	29°44	13°39	T 26
F 27	8 23 58	6°21'43	0°15	13°11	23°22	28° 5	6°54	19°23	26°24	14°55	17°50	16°42	17°12	29°51	13°45	F 27
S 28	8 27 54	7°22'49	14°57	14°23	24°37	28°51	7° 0	19°23	26°25	14°56	17°48	16°42	17° 9	29°57	13°51	S 28
S 29	8 31 51	8°23'54	29°35	15°36	25°52	29°37	7° 6	19°R23	26°27	14°57	17°47	16°43	17° 5	0°1	13°57	S 29
M 30	8 35 47	9°24'58	14°V 5	16°51	27° 7	0°23	7°11	19°23	26°28	14°58	17°45	16°44	17° 2	0°11	14° 2	M 30
T 31	8 39 44	10°26'01	28°V22	18°37	28°22	1° 9	7°17	19°23	26°29	14°59	17°44	16°44	16°59	0°17	14° 8	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	22s59	6s47	2s46	20s50	1n53	22s45	1s 0	23s50	0s45	12n12	1s14	5s 8	2n20	9n31	0s36	S 1
M 2	22 54	2 5	3 46	20 40	2 11	22 35	1 2	23 47	0 45	12 12	1 14	5 9	2 20	9 31	0 36	M 2
T 3	22 49	2n41	4 31	20 32	2 26	22 24	1 4	23 44	0 46	12 12	1 14	5 10	2 20	9 31	0 36	T 3
W 4	22 43	7 17	5 1	20 24	2 39	22 13	1 6	23 41	0 46	12 13	1 13	5 11	2 21	9 31	0 36	W 4
T 5	22 37	11 27	5 12	20 18	2 50	22 1	1 7	23 38	0 47	12 14	1 13	5 12	2 21	9 31	0 36	T 5
F 6	22 31	14 57	5 5	20 14	2 58	21 48	1 9	23 35	0 47	12 14	1 13	5 12	2 21	9 31	0 36	F 6
S 7	22 24	17 37	4 41	20 11	3 4	21 35	1 11	23 31	0 48	12 15	1 13	5 13	2 21	9 31	0 35	S 7
S 8	22 16	19 16	4 2	20 9	3 7	21 21	1 12	23 27	0 48	12 16	1 12	5 13	2 22	9 31	0 35	S 8
M 9	22 8	19 51	3 10	20 9	3 8	21 6	1 14	23 22	0 49	12 17	1 12	5 14	2 22	9 32	0 35	M 9
T 10	22 0	19 22	2 10	20 11	3 8	20 51	1 15	23 18	0 49	12 18	1 12	5 15	2 22	9 32	0 35	T 10
W 11	21 51	17 54	1 4	20 14	3 5	20 35	1 17	23 13	0 49	12 19	1 11	5 15	2 23	9 32	0 35	W 11
T 12	21 42	15 37	0n 4	20 18	3 1	20 19	1 18	23 8	0 50	12 20	1 11	5 15	2 23	9 32	0 35	T 12
F 13	21 33	12 40	1 10	20 23	2 56	20 2	1 19	23 3	0 50	12 21	1 11	5 16	2 23	9 32	0 35	F 13
S 14	21 23	9 14	2 13	20 29	2 50	19 44	1 21	22 57	0 51	12 22	1 10	5 17	2 23	9 32	0 35	S 14
S 15	21 12	5 28	3 9	20 36	2 42	19 26	1 22	22 51	0 51	12 23	1 10	5 17	2 24	9 33	0 35	S 15
M 16	21 1	1 31	3 57	20 43	2 35	19 7	1 23	22 45	0 52	12 25	1 10	5 17	2 24	9 33	0 35	M 16
T 17	20 50	2s29	4 35	20 51	2 26	18 48	1 24	22 39	0 52	12 26	1 10	5 17	2 24	9 33	0 35	T 17
W 18	20 38	6 25	5 1	20 59	2 18	18 28	1 25	22 33	0 52	12 27	1 9	5 17	2 25	9 33	0 35	W 18
T 19	20 26	10 9	5 15	21 6	2 9	18 8	1 26	22 26	0 53	12 29	1 9	5 17	2 25	9 34	0 35	T 19
F 20	20 14	13 33	5 14	21 13	1 59	17 47	1 27	22 19	0 53	12 30	1 9	5 18	2 25	9 34	0 35	F 20
S 21	20 1	16 24	4 58	21 20	1 50	17 26	1 28	22 11	0 54	12 32	1 8	5 18	2 25	9 34	0 35	S 21
S 22	19 48	18 31	4 26	21 27	1 40	17 4	1 29	22 4	0 54	12 34	1 8	5 18	2 26	9 35	0 35	S 22
M 23	19 34	19 40	3 39	21 33	1 31	16 41	1 29	21 56	0 54	12 36	1 8	5 18	2 26	9 35	0 35	M 23
T 24	19 21	19 41	2 38	21 38	1 21	16 19	1 30	21 48	0 55	12 37	1 8	5 18	2 26	9 35	0 35	T 24
W 25	19 6	18 27	1 25	21 43	1 12	15 55	1 31	21 40	0 55	12 39	1 7	5 18	2 27	9 36	0 35	W 25
T 26	18 52	16 0	0 6	21 46	1 2	15 32	1 31	21 31	0 56	12 41	1 7	5 17	2 27	9 36	0 35	T 26
F 27	18 37	12 30	1s15	21 49	0 53	15 7	1 32	21 23	0 56	12 43	1 7	5 17	2 27	9 37	0 35	F 27
S 28	18 21	8 13	2 31	21 51	0 44	14 43	1 32	21 14	0 56	12 45	1 6	5 17	2 27	9 37	0 35	S 28
S 29	18 6	3 28	3 36	21 52	0 35	14 18	1 32	21 5	0 57	12 47	1 6	5 17	2 28	9 38	0 35	S 29
M 30	17 50	1n25	4 28	21 52	0 26	13 53	1 33	20 55	0 57	12 49	1 6	5 16	2 28	9 38	0 35	M 30
T 31	17s33	6n 9	5s 1	21s51	0n17	13s27	1s33	20s45	0s57	12n52	1s 6	5s16	2n28	9n39	0s35	T 31

Julian Day Number = 2702831.5, Delta T = 26m20s

Ecliptic obliquity = 23°20'52, Nutation = - 0°00'11

Ayanamsha: Fagan/Bradley = 34°21'54, Lahiri = 33°28'54





# ASTRODIENST EPHEMERIS for the year 2688

APRIL 2688

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 40 14	11°53'02	25°58' 8	29°52'	13°44'	18°42'	17°33'	16°R21	29°2'	16°54'	16°R33	15°8' 8	13°45'	7°5'	16°R56	S 1
M 2	12 44 10	12°52'37	7°31'	1°8' 9	14°57'	19°29'	17°47'	16°16'	29° 6	16°56'	16°32'	15° 9	13°42'	7°12'	16°55'	M 2
T 3	12 48 7	13°52'09	19°39'	2°20'	16° 9	20°16'	18° 0	16°12'	29° 9	16°58'	16°31'	15°R 9	13°39'	7°19'	16°55'	T 3
W 4	12 52 3	14°51'40	1°38'	3°25'	17°22'	21° 3	18°13'	16° 7	29°12'	17° 1	16°31'	15° 7	13°36'	7°25'	16°54'	W 4
T 5	12 56 0	15°51'08	13°31'	4°23'	18°34'	21°50'	18°26'	16° 2	29°16'	17° 3	16°30'	15° 3	13°32'	7°32'	16°54'	T 5
F 6	12 59 56	16°50'33	25°21'	5°14'	19°47'	22°38'	18°39'	15°58'	29°19'	17° 5	16°30'	14°57'	13°29'	7°39'	16°53'	F 6
S 7	13 3 53	17°49'57	7°11'	5°58'	20°59'	23°25'	18°52'	15°53'	29°22'	17° 7	16°29'	14°48'	13°26'	7°45'	16°52'	S 7
S 8	13 7 50	18°49'19	19° 3	6°34'	22°11'	24°12'	19° 6	15°48'	29°26'	17°10'	16°29'	14°36'	13°23'	7°52'	16°51'	S 8
M 9	13 11 46	19°48'38	0°58'	7° 3	23°23'	24°59'	19°19'	15°43'	29°29'	17°12'	16°28'	14°24'	13°20'	7°59'	16°50'	M 9
T 10	13 15 43	20°47'56	12°58'	7°25'	24°35'	25°46'	19°33'	15°39'	29°33'	17°14'	16°28'	14°11'	13°17'	8° 5	16°48'	T 10
W 11	13 19 39	21°47'12	25° 4	7°39'	25°47'	26°33'	19°46'	15°34'	29°36'	17°16'	16°27'	14° 0	13°13'	8°12'	16°47'	W 11
T 12	13 23 36	22°46'26	7°18'	7°R46	26°59'	27°20'	20° 0	15°29'	29°39'	17°19'	16°27'	13°50'	13°10'	8°19'	16°45'	T 12
F 13	13 27 32	23°45'39	19°42'	7°46'	28°11'	28° 6	20°13'	15°25'	29°43'	17°21'	16°26'	13°43'	13° 7	8°26'	16°44'	F 13
S 14	13 31 29	24°44'49	2°31'	7°39'	29°23'	28°53'	20°27'	15°20'	29°46'	17°23'	16°26'	13°38'	13° 4	8°32'	16°42'	S 14
S 15	13 35 25	25°43'58	15°11'	7°25'	0°II35	29°40'	20°41'	15°15'	29°50'	17°25'	16°25'	13°36'	13° 1	8°39'	16°41'	S 15
M 16	13 39 22	26°43'05	28°22'	7° 5	1°46'	0°Y27	20°54'	15°11'	29°53'	17°28'	16°25'	13°D35	12°58'	8°46'	16°39'	M 16
T 17	13 43 19	27°42'10	11°36'	6°40'	2°58'	1°14'	21° 8	15° 6	29°56'	17°30'	16°25'	13°R36	12°54'	8°52'	16°37'	T 17
W 18	13 47 15	28°41'14	25°54'	6° 9	4°10'	2° 1	21°22'	15° 2	29°59'	17°32'	16°25'	13°35'	12°51'	8°59'	16°35'	W 18
T 19	13 51 12	29°40'16	10°18'	5°34'	5°21'	2°48'	21°36'	14°57'	0°3	17°34'	16°24'	13°33'	12°48'	9° 6	16°33'	T 19
F 20	13 55 8	0°39'16	25° 4	4°55'	6°32'	3°35'	21°50'	14°53'	0° 7	17°37'	16°24'	13°28'	12°45'	9°12'	16°31'	F 20
S 21	13 59 5	1°38'14	10°Y 8	4°13'	7°43'	4°22'	22° 3	14°48'	0°10'	17°39'	16°24'	13°21'	12°42'	9°19'	16°28'	S 21
S 22	14 3 1	2°37'11	25°21'	3°30'	8°55'	5° 9	22°17'	14°44'	0°14'	17°41'	16°24'	13°11'	12°38'	9°26'	16°26'	S 22
M 23	14 6 58	3°36'06	10°32'	2°45'	10° 6	5°55'	22°31'	14°40'	0°17'	17°43'	16°24'	13° 0	12°35'	9°33'	16°23'	M 23
T 24	14 10 54	4°34'58	25°31'	2° 0	11°17'	6°42'	22°45'	14°35'	0°20'	17°46'	16°23'	12°49'	12°32'	9°39'	16°21'	T 24
W 25	14 14 51	5°33'49	10°II 9	1°15'	12°28'	7°29'	22°59'	14°31'	0°24'	17°48'	16°23'	12°39'	12°29'	9°46'	16°18'	W 25
T 26	14 18 48	6°32'37	24°19'	0°32'	13°38'	8°16'	23°13'	14°27'	0°27'	17°50'	16°23'	12°32'	12°26'	9°53'	16°15'	T 26
F 27	14 22 44	7°31'24	7°59'	29°Y51	14°49'	9° 2	23°27'	14°23'	0°31'	17°52'	16°23'	12°27'	12°23'	9°59'	16°13'	F 27
S 28	14 26 41	8°30'08	21°10'	29°12'	16° 0	9°49'	23°41'	14°19'	0°34'	17°54'	16°D23	12°24'	12°19'	10° 6	16°10'	S 28
S 29	14 30 37	9°28'50	3°32'	28°37'	17°10'	10°36'	23°56'	14°15'	0°38'	17°56'	16°23'	12°23'	12°16'	10°13'	16° 7	S 29
M 30	14 34 34	10°27'30	16°31'	28°Y 6	18°II21	11°Y22	24°31'	14°11'	0°41'	17°Y59	16°32'	12°23'	12°13'	10°19'	16° 4	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	4n41	19n18	1s45	13n 5	1n49	16n 8	0n15	5s30	1s 8	16n10	0s53	3s56	2n40	10n35	0s33	5n19
M 2	5 4	17 40	0 41	13 43	2 1	16 33	0 18	5 11	1 8	16 14	0 52	3 54	2 40	10 36	0 33	5 20
T 3	5 27	15 15	0n24	14 18	2 12	16 57	0 21	4 53	1 8	16 17	0 52	3 53	2 40	10 37	0 33	5 21
W 4	5 50	12 13	1 27	14 51	2 23	17 20	0 24	4 34	1 8	16 21	0 52	3 51	2 40	10 38	0 33	5 22
T 5	6 13	8 42	2 26	15 19	2 32	17 43	0 27	4 16	1 8	16 25	0 52	3 49	2 40	10 39	0 33	5 23
F 6	6 36	4 52	3 17	15 45	2 41	18 6	0 31	3 57	1 8	16 29	0 52	3 47	2 40	10 40	0 33	5 24
S 7	6 58	0 51	4 0	16 7	2 50	18 29	0 34	3 38	1 7	16 32	0 52	3 45	2 40	10 42	0 33	5 25
S 8	7 21	3s13	4 33	16 26	2 57	18 50	0 37	3 20	1 7	16 36	0 52	3 44	2 40	10 43	0 33	5 25
M 9	7 43	7 10	4 54	16 41	3 2	19 12	0 40	3 1	1 7	16 40	0 52	3 42	2 40	10 44	0 33	5 26
T 10	8 5	10 52	5 2	16 53	3 7	19 33	0 43	2 42	1 7	16 44	0 51	3 40	2 40	10 45	0 33	5 27
W 11	8 28	14 9	4 57	17 1	3 11	19 53	0 46	2 24	1 7	16 47	0 51	3 38	2 40	10 46	0 33	5 28
T 12	8 49	16 53	4 38	17 5	3 12	20 13	0 50	2 5	1 7	16 51	0 51	3 36	2 40	10 48	0 33	5 29
F 13	9 11	18 52	4 5	17 5	3 13	20 32	0 53	1 46	1 7	16 55	0 51	3 35	2 40	10 49	0 33	5 30
S 14	9 33	19 59	3 21	17 2	3 12	20 51	0 56	1 28	1 7	16 59	0 51	3 33	2 40	10 50	0 33	5 31
S 15	9 54	20 5	2 25	16 55	3 9	21 9	0 59	1 9	1 7	17 2	0 51	3 31	2 40	10 51	0 33	5 31
M 16	10 16	19 6	1 20	16 45	3 5	21 27	1 2	0 50	1 6	17 6	0 51	3 29	2 40	10 53	0 33	5 32
T 17	10 37	17 0	0 9	16 31	2 59	21 44	1 5	0 31	1 6	17 10	0 51	3 28	2 40	10 54	0 33	5 33
W 18	10 58	13 51	1s 5	16 14	2 52	22 1	1 8	0 13	1 6	17 13	0 50	3 26	2 40	10 55	0 33	5 34
T 19	11 19	9 47	2 16	15 53	2 43	22 17	1 11	0n 6	1 6	17 17	0 50	3 24	2 40	10 56	0 33	5 35
F 20	11 39	5 2	3 21	15 31	2 33	22 32	1 14	0 25	1 6	17 21	0 50	3 23	2 40	10 57	0 33	5 36
S 21	12 0	0n 8	4 12	15 5	2 21	22 47	1 17	0 43	1 6	17 24	0 50	3 21	2 40	10 59	0 33	5 37
S 22	12 20	5 19	4 47	14 38	2 8	23 2	1 20	1 2	1 5	17 28	0 50	3 19	2 40	11 0	0 33	5 37
M 23	12 40	10 10	5 0	14 10	1 54	23 15	1 23	1 21	1 5	17 32	0 50	3 18	2 40	11 1	0 33	5 38
T 24	13 0	14 19	4 54	13 40	1 39	23 28	1 26	1 39	1 5	17 35	0 50	3 16	2 40	11 2	0 33	5 39
W 25	13 20	17 29	4 27	13 10	1 23	23 41	1 29	1 58	1 5	17 39	0 50	3 15	2 40	11 3	0 33	5 40
T 26	13 39	19 29	3 45	12 39	1 7	23 52	1 32	2 17	1 4	17 43	0 50	3 13	2 40	11 5	0 33	5 41
F 27	13 58	20 16	2 51	12 9	0 50	24 4	1 35	2 35	1 4	17 46	0 49	3 12	2 40	11 6	0 33	5 41
S 28	14 17	19 53	1 50	11 40	0 33	24 14	1 38	2 54	1 4	17 50	0 49	3 10	2 39	11 7	0 33	5 42
S 29	14 36	18 29	0 45	11 12	0 16	24 24	1 40	3 12	1 4	17 53	0 49	3 9	2 39	11 8	0 33	5 43
M 30	14n54	16n13	0n21	10n45	0s 1	24n33	1n43	3n30	1s 3	17n57	0s49	3s 7	2n39	11n 9	0s33	5n44

Julian Day Number = 2702922.5, Delta T = 26m21s  
 Ecliptic obliquity = 23°20'54", Nutation = - 0°00'13"  
 Ayanamsha: Fagan/Bradley = 34°22'07", Lahiri = 33°29'07"

## ASTRODIENST EPHEMERIS for the year 2688

MAY 2688

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 38 30	11°26'07	28°27	27°R39	19°II31	12°V 9	24°R24	14°R 7	0°R44	18°V 1	16°R23	12°R23	12°R10	10°R26	16°R 1	T 1
W 2	14 42 27	12°24'43	10°II24	27°V17	20°41	12°55	24°38	14°R 3	0°R48	18° 3	16°23	12°R21	12° 7	10°33	15°R58	W 2
T 3	14 46 23	13°23'16	22°15	26°59	21°51	13°42	24°52	13°59	0°51	18° 5	16°24	12°16	12° 4	10°40	15°54	T 3
F 4	14 50 20	14°21'47	4°R 4	26°46	23° 1	14°29	25° 6	13°55	0°54	18° 7	16°24	12° 9	12° 0	10°46	15°51	F 4
S 5	14 54 16	15°20'16	15°55	26°38	24°11	15°15	25°21	13°52	0°58	18° 9	16°24	11°59	11°57	10°53	15°48	S 5
S 6	14 58 13	16°18'43	27°50	26°D35	25°21	16° 1	25°35	13°48	1° 1	18°11	16°24	11°47	11°54	11° 0	15°44	S 6
M 7	15 2 10	17°17'08	9°II52	26°37	26°30	16°48	25°49	13°44	1° 4	18°13	16°24	11°33	11°51	11° 6	15°41	M 7
T 8	15 6 6	18°15'32	22° 1	26°44	27°40	17°34	26° 3	13°41	1° 8	18°15	16°25	11°19	11°48	11°13	15°37	T 8
W 9	15 10 3	19°13'53	4°R19	26°56	28°49	18°21	26°18	13°38	1°11	18°17	16°25	11° 6	11°44	11°20	15°33	W 9
T 10	15 13 59	20°12'13	16°46	27°13	29°58	19° 7	26°32	13°34	1°14	18°19	16°25	10°55	11°41	11°26	15°30	T 10
F 11	15 17 56	21°10'32	29°23	27°34	1°R 8	19°53	26°46	13°31	1°18	18°21	16°25	10°47	11°38	11°33	15°26	F 11
S 12	15 21 52	22° 8'48	12°R11	27°59	2°17	20°40	27° 0	13°28	1°21	18°23	16°26	10°42	11°35	11°40	15°22	S 12
S 13	15 25 49	23° 7'04	25°12	28°29	3°25	21°26	27°15	13°25	1°24	18°25	16°26	10°39	11°32	11°47	15°18	S 13
M14	15 29 45	24° 5'18	8°R27	29° 3	4°34	22°12	27°29	13°22	1°27	18°27	16°27	10°D38	11°29	11°53	15°15	M14
T 15	15 33 42	25° 3'30	21°59	29°41	5°43	22°58	27°43	13°19	1°31	18°29	16°27	10°R38	11°25	12° 0	15°11	T 15
W16	15 37 39	26° 1'41	5°R51	0°R22	6°51	23°44	27°58	13°16	1°34	18°31	16°27	10°38	11°22	12° 7	15° 7	W16
T 17	15 41 35	26°59'50	20° 1	1° 8	8° 0	24°30	28°12	13°13	1°37	18°33	16°28	10°36	11°19	12°13	15° 3	T 17
F 18	15 45 32	27°57'58	4°V30	1°56	9° 8	25°16	28°26	13°11	1°40	18°35	16°28	10°32	11°16	12°20	14°59	F 18
S 19	15 49 28	28°56'05	19°14	2°48	10°16	26° 3	28°41	13° 8	1°43	18°37	16°29	10°26	11°13	12°27	14°54	S 19
S 20	15 53 25	29°54'10	4°R 7	3°44	11°24	26°49	28°55	13° 5	1°46	18°38	16°30	10°17	11° 9	12°34	14°50	S 20
M21	15 57 21	0°II52'14	19° 1	4°42	12°32	27°34	29° 9	13° 3	1°50	18°40	16°30	10° 7	11° 6	12°40	14°46	M21
T 22	16 1 18	1°50'17	3°II47	5°44	13°39	28°20	29°23	13° 1	1°53	18°42	16°31	9°56	11° 3	12°47	14°42	T 22
W23	16 5 14	2°48'18	18°17	6°48	14°47	29° 6	29°38	12°59	1°56	18°44	16°31	9°47	11° 0	12°54	14°38	W23
T 24	16 9 11	3°46'17	2°R24	7°55	15°54	29°52	29°52	12°56	1°59	18°46	16°32	9°40	10°57	13° 0	14°33	T 24
F 25	16 13 8	4°44'15	16° 4	9° 5	17° 1	0°R38	0°II 6	12°54	2° 2	18°47	16°33	9°35	10°54	13° 7	14°29	F 25
S 26	16 17 4	5°42'11	29°18	10°18	18° 8	1°24	0°21	12°52	2° 5	18°49	16°33	9°33	10°50	13°14	14°25	S 26
S 27	16 21 1	6°40'05	12°R 7	11°33	19°15	2° 9	0°35	12°51	2° 8	18°51	16°34	9°D33	10°47	13°20	14°20	S 27
M28	16 24 57	7°37'58	24°34	12°50	20°22	2°55	0°49	12°49	2°11	18°52	16°35	9°33	10°44	13°27	14°16	M28
T 29	16 28 54	8°35'49	6°II45	14°11	21°28	3°41	1° 3	12°47	2°14	18°54	16°36	9°R34	10°41	13°34	14°12	T 29
W30	16 32 50	9°33'38	18°44	15°33	22°34	4°26	1°18	12°46	2°17	18°56	16°37	9°33	10°38	13°41	14° 7	W30
T 31	16 36 47	10°II31'25	0°R36	16°R58	23°R40	5°R12	1°II32	12°R44	2°R19	18°V57	16°R37	9°R31	10°R35	13°R47	14°R 3	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	15n12	13n17	1n24	10n20	0s17	24n42	1n46	3n49	1s 3	18n 0	0s49	3s 6	2n39	11n10	0s33	T 1
W 2	15 30	9 50	2 22	9 57	0 34	24 49	1 48	4 7	1 3	18 4	0 49	3 4	2 39	11 12	0 33	W 2
T 3	15 48	6 2	3 14	9 36	0 49	24 57	1 51	4 25	1 3	18 7	0 49	3 3	2 39	11 13	0 33	T 3
F 4	16 5	2 1	3 57	9 17	1 4	25 3	1 53	4 44	1 2	18 11	0 49	3 2	2 39	11 14	0 33	F 4
S 5	16 22	2s 5	4 30	9 1	1 18	25 9	1 56	5 2	1 2	18 14	0 49	3 0	2 39	11 15	0 33	S 5
S 6	16 39	6 8	4 51	8 47	1 32	25 14	1 58	5 20	1 2	18 18	0 49	2 59	2 39	11 16	0 33	S 6
M 7	16 56	9 58	5 0	8 36	1 45	25 19	2 0	5 38	1 1	18 21	0 48	2 58	2 38	11 17	0 33	M 7
T 8	17 12	13 27	4 55	8 28	1 57	25 22	2 3	5 56	1 1	18 25	0 48	2 57	2 38	11 19	0 33	T 8
W 9	17 28	16 24	4 36	8 21	2 8	25 25	2 5	6 14	1 1	18 28	0 48	2 56	2 38	11 20	0 33	W 9
T 10	17 44	18 39	4 4	8 18	2 18	25 28	2 7	6 31	1 0	18 31	0 48	2 54	2 38	11 21	0 33	T 10
F 11	17 59	20 1	3 20	8 16	2 27	25 30	2 9	6 49	1 0	18 35	0 48	2 53	2 38	11 22	0 33	F 11
S 12	18 14	20 24	2 24	8 17	2 36	25 31	2 11	7 7	1 0	18 38	0 48	2 52	2 38	11 23	0 33	S 12
S 13	18 29	19 41	1 21	8 21	2 44	25 31	2 13	7 24	0 59	18 41	0 48	2 51	2 37	11 24	0 33	S 13
M14	18 43	17 54	0 12	8 26	2 50	25 31	2 15	7 42	0 59	18 45	0 48	2 50	2 37	11 25	0 33	M14
T 15	18 57	15 4	1s 0	8 34	2 56	25 30	2 16	7 59	0 59	18 48	0 48	2 49	2 37	11 26	0 33	T 15
W16	19 11	11 20	2 9	8 43	3 2	25 28	2 18	8 17	0 58	18 51	0 48	2 48	2 37	11 28	0 33	W16
T 17	19 25	6 54	3 13	8 55	3 6	25 26	2 20	8 34	0 58	18 54	0 48	2 47	2 37	11 29	0 33	T 17
F 18	19 38	1 58	4 5	9 8	3 10	25 23	2 21	8 51	0 58	18 58	0 48	2 47	2 37	11 30	0 33	F 18
S 19	19 51	3n 9	4 42	9 23	3 12	25 19	2 23	9 8	0 57	19 1	0 48	2 46	2 36	11 31	0 33	S 19
S 20	20 3	8 8	5 0	9 40	3 15	25 15	2 24	9 25	0 57	19 4	0 48	2 45	2 36	11 32	0 33	S 20
M21	20 15	12 37	4 58	9 58	3 16	25 10	2 25	9 42	0 56	19 7	0 47	2 44	2 36	11 33	0 33	M21
T 22	20 27	16 18	4 37	10 17	3 17	25 5	2 26	9 58	0 56	19 10	0 47	2 44	2 36	11 34	0 33	T 22
W23	20 38	18 54	3 57	10 38	3 17	24 58	2 27	10 15	0 56	19 13	0 47	2 43	2 36	11 35	0 33	W23
T 24	20 49	20 16	3 4	11 0	3 16	24 52	2 28	10 31	0 55	19 17	0 47	2 42	2 35	11 36	0 33	T 24
F 25	21 0	20 22	2 2	11 24	3 14	24 44	2 29	10 48	0 55	19 20	0 47	2 42	2 35	11 37	0 33	F 25
S 26	21 10	19 20	0 54	11 48	3 12	24 36	2 30	11 4	0 54	19 23	0 47	2 41	2 35	11 38	0 33	S 26
S 27	21 20	17 19	0n14	12 14	3 10	24 27	2 30	11 20	0 54	19 26	0 47	2 41	2 35	11 39	0 33	S 27
M28	21 30	14 32	1 19	12 40	3 7	24 18	2 31	11 36	0 53	19 29	0 47	2 40	2 35	11 40	0 33	M28
T 29	21 39	11 10	2 20	13 7	3 3	24 8	2 31	11 52	0 53	19 32	0 47	2 40	2 34	11 41	0 33	T 29
W30	21 48	7 25	3 13	13 35	2 58	23 58	2 32	12 8	0 52	19 34	0 47	2 39	2 34	11 42	0 33	W30
T 31	21n56	3n24	3n58	14n 4	2s53	23n47	2n32	12n23	0s52	19n37	0s47	2s39	2n34	11n43	0s33	T 31

Julian Day Number = 2702952.5, Delta T = 26m22s

Ecliptic obliquity = 23°20'54, Nutation = - 0°00'14

Ayanamsha: Fagan/Bradley = 34°22'11, Lahiri = 33°29'11

# ASTRODIENST EPHEMERIS for the year 2688

JUNE 2688

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 40 44	11 <sup>11</sup> 29'11"	12 <sup>22</sup> 27'	18 <sup>26</sup> 26"	24 <sup>26</sup> 46"	5 <sup>28</sup> 57"	1 <sup>11</sup> 46"	12°R43	2 <sup>28</sup> 22'	18 <sup>27</sup> 59"	16 <sup>28</sup> 38"	9°R27	10 <sup>28</sup> 31"	13 <sup>29</sup> 54"	13°R59	F 1
S 2	16 44 40	12°26'55"	24°20'	19°56'	25°52'	6°42'	2° 0'	12 <sup>29</sup> 42'	2°25'	19° 0'	16°39'	9 <sup>29</sup> 20'	10°28'	14° 1'	13 <sup>30</sup> 54"	S 2
S 3	16 48 37	13°24'38"	6 <sup>11</sup> 20'	21°28'	26°57'	7°28'	2°14'	12°40'	2°28'	19° 2'	16°40'	9°12'	10°25'	14° 7'	13°50'	S 3
M 4	16 52 33	14°22'20"	18°28'	23° 2'	28° 2'	8°13'	2°28'	12°39'	2°31'	19° 3'	16°41'	9° 2'	10°22'	14°14'	13°45'	M 4
T 5	16 56 30	15°20'00"	0 <sup>24</sup> 48'	24°39'	29° 7'	8°58'	2°42'	12°38'	2°33'	19° 5'	16°42'	8°52'	10°19'	14°21'	13°41'	T 5
W 6	17 0 26	16°17'39"	13°19'	26°18'	0 <sup>24</sup> 12'	9°44'	2°57'	12°38'	2°36'	19° 6'	16°43'	8°43'	10°15'	14°28'	13°37'	W 6
T 7	17 4 23	17°15'16"	26° 3'	28° 0'	1°17'	10°29'	3°11'	12°37'	2°39'	19° 8'	16°44'	8°35'	10°12'	14°34'	13°32'	T 7
F 8	17 8 19	18°12'53"	8 <sup>28</sup> 58'	29°44'	2°21'	11°14'	3°25'	12°36'	2°41'	19° 9'	16°45'	8°29'	10° 9'	14°41'	13°28'	F 8
S 9	17 12 16	19°10'28"	22° 6'	1 <sup>11</sup> 30'	3°25'	11°59'	3°39'	12°36'	2°44'	19°10'	16°46'	8°26'	10° 6'	14°48'	13°24'	S 9
S 10	17 16 13	20° 8'03"	5 <sup>28</sup> 25'	3°18'	4°29'	12°44'	3°53'	12°35'	2°47'	19°12'	16°47'	8°D25'	10° 3'	14°54'	13°19'	S 10
M11	17 20 9	21° 5'36"	18°55'	5° 9'	5°32'	13°29'	4° 7'	12°35'	2°49'	19°13'	16°48'	8°25'	10° 0'	15° 1'	13°15'	M11
T 12	17 24 6	22° 3'09"	2 <sup>24</sup> 38'	7° 2'	6°36'	14°14'	4°21'	12°35'	2°52'	19°14'	16°49'	8°26'	9°56'	15° 8'	13°11'	T 12
W13	17 28 2	23° 0'41"	16°32'	8°57'	7°39'	14°59'	4°34'	12°34'	2°54'	19°15'	16°50'	8°R27'	9°53'	15°15'	13° 6'	W13
T 14	17 31 59	23°58'12"	0 <sup>24</sup> 38'	10°54'	8°41'	15°44'	4°48'	12°D34'	2°57'	19°17'	16°51'	8°27'	9°50'	15°21'	13° 2'	T 14
F 15	17 35 55	24°55'43"	14°55'	12°54'	9°44'	16°28'	5° 2'	12°34'	2°59'	19°18'	16°52'	8°25'	9°47'	15°28'	12°58'	F 15
S 16	17 39 52	25°53'12"	29°20'	14°55'	10°46'	17°13'	5°16'	12°35'	3° 1'	19°19'	16°54'	8°22'	9°44'	15°35'	12°54'	S 16
S 17	17 43 48	26°50'42"	13 <sup>28</sup> 49'	16°59'	11°48'	17°58'	5°30'	12°35'	3° 4'	19°20'	16°55'	8°17'	9°41'	15°41'	12°50'	S 17
M18	17 47 45	27°48'10"	28°17'	19° 4'	12°50'	18°42'	5°43'	12°35'	3° 6'	19°21'	16°56'	8°11'	9°37'	15°48'	12°45'	M18
T 19	17 51 42	28°45'38"	12 <sup>11</sup> 38'	21°11'	13°51'	19°27'	5°57'	12°36'	3° 8'	19°22'	16°57'	8° 5'	9°34'	15°55'	12°41'	T 19
W20	17 55 38	29°43'05"	26°46'	23°19'	14°52'	20°11'	6°11'	12°36'	3°11'	19°23'	16°59'	8° 0'	9°31'	16° 2'	12°37'	W20
T 21	17 59 35	0 <sup>24</sup> 40'32"	10 <sup>28</sup> 37'	25°29'	15°52'	20°56'	6°24'	12°37'	3°13'	19°24'	17° 0'	7°55'	9°28'	16° 8'	12°33'	T 21
F 22	18 3 31	1°37'57"	24° 7'	27°39'	16°53'	21°40'	6°38'	12°38'	3°15'	19°25'	17° 1'	7°53'	9°25'	16°15'	12°29'	F 22
S 23	18 7 28	2°35'22"	7 <sup>28</sup> 15'	29°51'	17°53'	22°24'	6°52'	12°39'	3°17'	19°26'	17° 2'	7°D52'	9°21'	16°22'	12°25'	S 23
S 24	18 11 24	3°32'46"	20° 2'	2 <sup>28</sup> 2'	18°52'	23° 9'	7° 5'	12°40'	3°19'	19°27'	17° 4'	7°53'	9°18'	16°28'	12°21'	S 24
M25	18 15 21	4°30'08"	2 <sup>10</sup> 30'	4°15'	19°51'	23°53'	7°18'	12°41'	3°21'	19°28'	17° 5'	7°54'	9°15'	16°35'	12°18'	M25
T 26	18 19 17	5°27'30"	14°42'	6°27'	20°50'	24°37'	7°32'	12°42'	3°23'	19°29'	17° 6'	7°56'	9°12'	16°42'	12°14'	T 26
W27	18 23 14	6°24'51"	26°43'	8°38'	21°48'	25°21'	7°45'	12°43'	3°25'	19°30'	17° 8'	7°57'	9° 9'	16°49'	12°10'	W27
T 28	18 27 11	7°22'11"	8 <sup>28</sup> 37'	10°50'	22°46'	26° 5'	7°59'	12°44'	3°27'	19°31'	17° 9'	7°R57'	9° 6'	16°55'	12° 6'	T 28
F 29	18 31 7	8°19'30"	20°30'	13° 0'	23°44'	26°49'	8°12'	12°46'	3°29'	19°31'	17°11'	7°57'	9° 2'	17° 2'	12° 3'	F 29
S 30	18 35 4	9°21'6"49"	2 <sup>11</sup> 25'	15°28'	24°41'	27°33'	8°12'5	12°48'	3°31'	19°32'	17°12'	7°55'	8°59'	17° 9'	11°59'	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	22n 4	0s43	4n32	14n33	2s48	23n35	2n32	12n39	0s51	19n40	0s47	2s39	2n34	11n44	0s33	6n 6	1s25	21n 2	5n30	17n49	17n32	1s13	17s 9	5n17			
S 2	22 12	4 49	4 55	15 3	2 42	23 23	2 32	12 54	0 51	19 43	0 47	2 38	2 34	11 45	0 33	6 6	1 25	21 1	5 30	17 51	17 33	1 15	17 8	5 17			
S 3	22 19	8 47	5 5	15 34	2 35	23 10	2 32	13 9	0 50	19 46	0 47	2 38	2 33	11 46	0 33	6 7	1 25	21 1	5 30	17 53	17 34	1 17	17 7	5 17			
M 4	22 26	12 26	5 1	16 4	2 28	22 57	2 32	13 24	0 50	19 49	0 47	2 38	2 33	11 47	0 33	6 7	1 25	21 1	5 30	17 56	17 35	1 20	17 7	5 17			
T 5	22 33	15 37	4 43	16 35	2 21	22 43	2 31	13 39	0 49	19 52	0 47	2 38	2 33	11 48	0 33	6 8	1 25	21 0	5 29	17 58	17 35	1 22	17 6	5 18			
W 6	22 39	18 9	4 12	17 6	2 13	22 29	2 31	13 54	0 49	19 54	0 47	2 38	2 33	11 49	0 33	6 8	1 25	21 0	5 29	18 1	17 36	1 24	17 5	5 18			
T 7	22 44	19 50	3 27	17 37	2 4	22 14	2 30	14 9	0 48	19 57	0 47	2 37	2 32	11 50	0 33	6 9	1 25	20 59	5 29	18 3	17 37	1 26	17 4	5 18			
F 8	22 50	20 32	2 32	18 8	1 55	21 59	2 29	14 23	0 48	20 0	0 47	2 37	2 32	11 51	0 33	6 9	1 25	20 59	5 29	18 4	17 38	1 28	17 4	5 18			
S 9	22 55	20 7	1 27	18 39	1 46	21 43	2 28	14 37	0 47	20 2	0 46	2 37	2 32	11 51	0 33	6 10	1 25	20 59	5 29	18 5	17 39	1 31	17 3	5 18			
S 10	22 59	18 35	0 16	19 10	1 36	21 27	2 27	14 52	0 47	20 5	0 46	2 37	2 32	11 52	0 33	6 10	1 26	20 58	5 29	18 6	17 40	1 33	17 2	5 19			
M11	23 3	15 59	0s56	19 39	1 26	21 10	2 26	15 6	0 46	20 8	0 46	2 38	2 31	11 53	0 33	6 10	1 26	20 58	5 29	18 5	17 41	1 35	17 2	5 19			
T 12	23 7	12 28	2 7	20 9	1 16	20 53	2 25	15 19	0 45	20 10	0 46	2 38	2 31	11 54	0 33	6 11	1 26	20 58	5 29	18 5	17 41	1 37	17 1	5 19			
W13	23 10	8 14	3 11	20 37	1 6	20 36	2 23	15 33	0 45	20 13	0 46	2 38	2 31	11 55	0 33	6 11	1 26	20 57	5 29	18 5	17 42	1 40	17 1	5 19			
T 14	23 13	3 29	4 5	21 5	0 55	20 18	2 22	15 47	0 44	20 15	0 46	2 38	2 31	11 56	0 33	6 12	1 26	20 57	5 29	18 5	17 43	1 42	17 0	5 19			
F 15	23 15	1n29	4 44	21 31	0 44	20 0	2 20	16 0	0 44	20 18	0 46	2 38	2 31	11 56	0 33	6 12	1 26	20 56	5 29	18 5	17 44	1 44	16 59	5 19			
S 16	23 17	6 26	5 5	21 57	0 34	19 41	2 18	16 13	0 43	20 20	0 46	2 39	2 30	11 57	0 33	6 13	1 26	20 56	5 29	18 6	17 45	1 46	16 59	5 19			
S 17	23 19	11 1	5 8	22 20	0 23	19 22	2 16	16 26	0 43	20 23	0 46	2 39	2 30	11 58	0 33	6 13	1 26	20 56	5 29	18 7	17 46	1 48	16 58	5 19			
M18	23 20	14 59	4 51	22 42	0 12	19 2	2 14	16 39	0 42	20 25	0 46	2 39	2 30	11 59	0 33	6 13	1 26	20 55	5 29	18 9	17 46	1 51	16 58	5 19			
T 19	23 21	18 0	4 15	23 3	0 1	18 42	2 12	16 52	0 41	20 28	0 46	2 40	2 30	12 0	0 33	6 14	1 26	20 55	5 29	18 11	17 47	1 53	16 57	5 19			
W20	23 21	19 54	3 25	23 21	0n10	18 22	2 9	17 4	0 41	20 30	0 46	2 40	2 29	12 0	0 33	6 14	1 26	20 54	5 29	18 12	17 48	1 55	16 57	5 19			
T 21	23 21	20 33	2 23	23 37	0 20	18 2	2 6	17 16	0 40	20 32	0 46	2 41	2 29	12 1	0 33	6 14	1 26	20 54	5 29	18 13	17 49	1 57	16 56	5 19			
F 22	23 20	19 59	1 14	23 50	0 31	17 41	2 4	17 29	0 40	20 35	0 46	2 41	2 29	12 2	0 33	6 15	1 26	20 53	5 29	18 14	17 50	2 0	16 55	5 19			
S 23	23 19	18 20	0 3	24 1	0 41	17 20	2 1	17 41	0 39	20 37	0 46	2 42	2 29	12 2	0 33	6 15	1 26	20 53	5 29	18 14	17 51	2 2	16 55	5 19			
S 24	23 18	15 47	1n 6	24 10	0 50	16 59	1 58	17 52	0 38	20 39	0 46	2 42	2 28	12 3	0 33	6 15	1 26	20 53	5 29	18 14	17 51	2 4	16 54	5 19			
M25	23 16	12 34	2 10	24 16	0 59	16 37	1 54	18 4	0 38	20 41	0 46	2 43	2 28	12 4	0 33	6 16	1 26	20 52	5 29	18 13	17 52	2 6	16 54	5 19			
T 26	23 14	8 53	3 8	24 19	1 7	16 15	1 51	18 15	0 37	20 44	0 46	2 44	2 28	12 4	0 33	6 16	1 26	20 52	5 29	18 13	17 53	2 8	16 54	5 19			
W27	23 12	4 54	3 56	24 19	1 15	15 53	1 47	18 26	0 36	20 46	0 46	2 44	2 28	12 5	0 33	6 16	1 26	20 51	5 29	18 13	17 54	2 11	16 53	5 19			
T 28	23 9	0 47	4 33	24 17	1 22	15 30	1 44	18 37	0 36	20 48	0 46	2 45	2 27	12 6	0 33	6 16	1 26	20 51	5 28	18 13	17 55	2 13	16 53	5 19			
F 29	23 5	3s21	4 59	24 11	1 29	15 8	1 40	18 48	0 35	20 50	0 46	2 46	2 27	12 6	0 33	6 17	1 26	20 50	5 28	18 13	17 56	2 15	16 52	5 19			
S 30	23n 2	7s23	5n12	24n 3	1n35	14n45	1n36	18n59	0s34	20n52	0s46	2s47	2n27	12n 7	0s33	6n17	s27	20n50	5n28	18n13	17n57	2s17	16s52	5n19			



## ASTRODIENST EPHEMERIS for the year 2688

AUGUST 2688

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 41 13	9♂49'08	29♂58	6♂45	19♂0	20♂22	14♂53	14♂27	4♂6	19♂39	18♂4	7♂33	7♂18	20♂44	10♂44	W 1
T 2	20 45 10	10°46'26	13♂7	7°43	19°28	21°3	15°4	14°31	4°7	19°39	18°5	7°33	7°14	20°50	10°43	T 2
F 3	20 49 7	11°43'43	26°38	8°37	19°55	21°45	15°15	14°36	4°7	19°38	18°7	7°34	7°11	20°57	10°43	F 3
S 4	20 53 3	12°41'01	10♂30	9°29	20°20	22°26	15°25	14°41	4°7	19°38	18°9	7°R34	7°8	21°4	10°42	S 4
S 5	20 57 0	13°38'20	24°39	10°18	20°44	23°8	15°36	14°45	4°7	19°37	18°10	7°33	7°5	21°10	10°41	S 5
M 6	21 0 56	14°35'39	9♂1	11°3	21°5	23°49	15°46	14°50	4°8	19°37	18°12	7°33	7°2	21°17	10°41	M 6
T 7	21 4 53	15°32'59	23°31	11°44	21°25	24°30	15°56	14°55	4°8	19°36	18°14	7°32	6°59	21°24	10°41	T 7
W 8	21 8 49	16°30'20	8♂7	12°22	21°44	25°11	16°6	15°0	4°R8	19°36	18°16	7°31	6°55	21°31	10°40	W 8
T 9	21 12 46	17°27'42	22°33	12°55	22°0	25°52	16°17	15°5	4°8	19°35	18°17	7°30	6°52	21°37	10°40	T 9
F 10	21 16 42	18°25'05	6♂55	13°25	22°14	26°33	16°27	15°10	4°8	19°35	18°19	7°30	6°49	21°44	10°D40	F 10
S 11	21 20 39	19°22'29	21°6	13°50	22°27	27°14	16°36	15°15	4°8	19°34	18°21	7°D29	6°46	21°51	10°40	S 11
S 12	21 24 36	20°19'54	5♂5	14°11	22°37	27°55	16°46	15°21	4°7	19°34	18°23	7°30	6°43	21°57	10°40	S 12
M13	21 28 32	21°17'20	18°49	14°28	22°45	28°36	16°56	15°26	4°7	19°33	18°24	7°31	6°39	22°4	10°40	M13
T 14	21 32 29	22°14'47	2♂20	14°39	22°51	29°16	17°5	15°31	4°7	19°32	18°26	7°32	6°36	22°11	10°41	T 14
W15	21 36 25	23°12'16	15°36	14°46	22°55	29°57	17°15	15°37	4°7	19°31	18°28	7°33	6°33	22°18	10°41	W15
T 16	21 40 22	24°9'45	28°38	14°R47	22°R56	0♂37	17°24	15°42	4°6	19°31	18°30	7°34	6°30	22°24	10°41	T 16
F 17	21 44 18	25°7'16	11♂28	14°43	22°56	1°18	17°33	15°48	4°6	19°30	18°31	7°R34	6°27	22°31	10°42	F 17
S 18	21 48 15	26°4'48	24°5	14°34	22°53	1°58	17°42	15°53	4°5	19°29	18°33	7°33	6°24	22°38	10°43	S 18
S 19	21 52 11	27°2'20	6♂30	14°19	22°47	2°38	17°51	15°59	4°5	19°28	18°35	7°31	6°20	22°44	10°44	S 19
M20	21 56 8	27°59'54	18°44	14°0	22°40	3°18	18°0	16°5	4°4	19°27	18°37	7°29	6°17	22°51	10°44	M20
T 21	22 0 5	28°57'28	0♂49	13°35	22°29	3°58	18°8	16°10	4°4	19°26	18°38	7°25	6°14	22°58	10°45	T 21
W22	22 4 1	29°55'03	12°47	13°4	22°17	4°38	18°17	16°16	4°3	19°26	18°40	7°22	6°11	23°5	10°47	W22
T 23	22 7 58	0♂52'39	24°40	12°30	22°2	5°18	18°25	16°22	4°2	19°25	18°42	7°18	6°8	23°11	10°48	T 23
F 24	22 11 54	1°50'17	6♂31	11°50	21°45	5°58	18°33	16°28	4°2	19°24	18°43	7°15	6°4	23°18	10°49	F 24
S 25	22 15 51	2°47'55	18°26	11°7	21°25	6°37	18°42	16°34	4°1	19°23	18°45	7°13	6°1	23°25	10°50	S 25
S 26	22 19 47	3°45'34	0♂26	10°21	21°3	7°17	18°50	16°40	4°0	19°22	18°47	7°D13	5°58	23°31	10°52	S 26
M27	22 23 44	4°43'14	12°39	9°32	20°39	7°57	18°57	16°46	3°59	19°21	18°49	7°13	5°55	23°38	10°54	M27
T 28	22 27 40	5°40'55	25°6	8°41	20°13	8°36	19°5	16°52	3°58	19°19	18°50	7°14	5°52	23°45	10°55	T 28
W29	22 31 37	6°38'37	7♂55	7°49	19°45	9°15	19°13	16°59	3°57	19°18	18°52	7°15	5°49	23°52	10°57	W29
T 30	22 35 34	7°36'20	21°6	6°58	19°16	9°54	19°20	17°5	3°56	19°17	18°54	7°17	5°45	23°58	10°59	T 30
F 31	22 39 30	8♂34'05	4♂43	6♂8	18♂44	10♂33	19♂27	17♂11	3♂55	19♂16	18♂55	7°R18	5♂42	24♂5	11♂1	F 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	17n43	20s 7	3n14	8n 8	0s56	2n15	2s16	22n50	0s10	21n44	0s46	3s31	2n20	12n18	0s34	6n18
T 2	17 28	20 31	2 11	7 35	1 8	1 54	2 27	22 54	0 9	21 45	0 46	3 33	2 20	12 18	0 34	6 18
F 3	17 12	19 46	1 0	7 4	1 20	1 34	2 38	22 57	0 9	21 46	0 46	3 35	2 19	12 18	0 34	6 17
S 4	16 56	17 48	0s16	6 33	1 33	1 14	2 49	23 0	0 8	21 47	0 46	3 37	2 19	12 19	0 34	6 17
S 5	16 40	14 43	1 33	6 4	1 45	0 54	3 0	23 3	0 7	21 48	0 46	3 39	2 19	12 19	0 34	6 17
M 6	16 24	10 43	2 46	5 35	1 57	0 35	3 11	23 6	0 6	21 49	0 46	3 41	2 19	12 19	0 34	6 17
T 7	16 7	6 3	3 48	5 8	2 10	0 16	3 23	23 9	0 5	21 50	0 46	3 43	2 19	12 19	0 34	6 16
W 8	15 50	1 3	4 36	4 42	2 23	0s 2	3 35	23 11	0 4	21 51	0 46	3 45	2 19	12 19	0 34	6 16
T 9	15 33	4n 0	5 6	4 17	2 35	0 19	3 47	23 14	0 3	21 52	0 46	3 47	2 18	12 19	0 34	6 16
F 10	15 15	8 47	5 16	3 55	2 48	0 36	3 59	23 16	0 3	21 53	0 47	3 50	2 18	12 19	0 34	6 16
S 11	14 57	13 1	5 8	3 33	3 0	0 52	4 11	23 17	0 2	21 54	0 47	3 52	2 18	12 18	0 34	6 15
S 12	14 39	16 28	4 41	3 14	3 12	1 7	4 24	23 19	0 1	21 55	0 47	3 54	2 18	12 18	0 34	6 15
M13	14 21	18 56	3 58	2 57	3 24	1 22	4 36	23 21	0n 0	21 56	0 47	3 56	2 18	12 18	0 34	6 15
T 14	14 3	20 17	3 3	2 42	3 36	1 36	4 49	23 22	0 1	21 57	0 47	3 58	2 18	12 18	0 34	6 15
W15	13 44	20 29	1 58	2 29	3 47	1 49	5 1	23 23	0 2	21 58	0 47	4 0	2 17	12 18	0 34	6 14
T 16	13 25	19 33	0 49	2 19	3 58	2 1	5 14	23 24	0 3	21 59	0 47	4 3	2 17	12 18	0 34	6 14
F 17	13 6	17 37	0n22	2 11	4 8	2 12	5 26	23 24	0 4	22 0	0 47	4 5	2 17	12 18	0 34	6 14
S 18	12 47	14 52	1 30	2 6	4 17	2 23	5 39	23 25	0 5	22 0	0 47	4 7	2 17	12 18	0 34	6 13
S 19	12 27	11 28	2 33	2 3	4 26	2 32	5 52	23 25	0 5	22 1	0 47	4 9	2 17	12 17	0 34	6 13
M20	12 7	7 38	3 28	2 4	4 33	2 41	6 4	23 25	0 6	22 2	0 47	4 12	2 17	12 17	0 35	6 13
T 21	11 48	3 32	4 12	2 8	4 39	2 48	6 16	23 25	0 7	22 3	0 47	4 14	2 16	12 17	0 35	6 12
W22	11 28	0s38	4 46	2 14	4 44	2 54	6 28	23 24	0 8	22 3	0 47	4 17	2 16	12 17	0 35	6 12
T 23	11 7	4 46	5 6	2 24	4 48	2 59	6 40	23 24	0 9	22 4	0 47	4 19	2 16	12 17	0 35	6 11
F 24	10 47	8 42	5 14	2 37	4 50	3 3	6 52	23 23	0 10	22 5	0 47	4 21	2 16	12 16	0 35	6 11
S 25	10 26	12 19	5 8	2 53	4 50	3 6	7 3	23 22	0 11	22 5	0 47	4 24	2 16	12 16	0 35	6 11
S 26	10 6	15 28	4 48	3 12	4 49	3 7	7 14	23 21	0 12	22 6	0 47	4 26	2 16	12 16	0 35	6 10
M27	9 45	18 0	4 16	3 33	4 46	3 8	7 24	23 19	0 13	22 6	0 47	4 29	2 16	12 15	0 35	6 10
T 28	9 24	19 45	3 31	3 57	4 41	3 7	7 34	23 18	0 14	22 7	0 47	4 31	2 15	12 15	0 35	6 9
W29	9 2	20 33	2 34	4 22	4 34	3 4	7 44	23 16	0 15	22 8	0 47	4 34	2 15	12 15	0 35	6 9
T 30	8 41	20 16	1 27	4 49	4 25	3 1	7 52	23 14	0 16	22 8	0 47	4 36	2 15	12 14	0 35	6 8
F 31	8n20	18s47	0n14	5n17	4s14	2s56	8s 0	23n12	0n17	22n 9	0s47	4s39	2n15	12n14	0s35	6n 8

Julian Day Number = 2703044.5, Delta T = 26m23s

Ecliptic obliquity = 23°20'54, Nutation = - 0°00'13

Ayanamsha: Fagan/Bradley = 34°22'24, Lahiri = 33°29'23

## ASTRODIENST EPHEMERIS for the year 2688

SEPTEMBER 2688

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 43 27	9♍31'50	18♋47	5°R20	18°R11	11♌12	19♊34	17♏17	3°R54	19°R15	18♌57	7°R17	5♏39	24♏12	11♌3	S 1
S 2	22 47 23	10°29'37	3♋13	4♍35	17♍37	11°51	19°41	17°24	3♏53	19°Y14	18°59	7♏15	5°36	24°19	11° 5	S 2
M 3	22 51 20	11°27'24	17°58	3°55	17° 2	12°30	19°48	17°30	3°52	19°13	19° 0	7°12	5°33	24°25	11° 7	M 3
T 4	22 55 16	12°25'14	2°Y54	3°20	16°25	13° 9	19°55	17°37	3°51	19°11	19° 2	7° 7	5°30	24°32	11°10	T 4
W 5	22 59 13	13°23'04	17°53	2°51	15°49	13°47	20° 1	17°43	3°49	19°10	19° 3	7° 2	5°26	24°39	11°12	W 5
T 6	23 3 9	14°20'57	2♌45	2°28	15°11	14°26	20° 8	17°50	3°48	19° 9	19° 5	6°57	5°23	24°45	11°15	T 6
F 7	23 7 6	15°18'51	17°23	2°13	14°34	15° 4	20°14	17°56	3°47	19° 7	19° 7	6°53	5°20	24°52	11°18	F 7
S 8	23 11 3	16°16'47	1♊43	2°D 5	13°57	15°43	20°20	18° 3	3°45	19° 6	19° 8	6°50	5°17	24°59	11°20	S 8
S 9	23 14 59	17°14'45	15°41	2° 6	13°20	16°21	20°26	18°10	3°44	19° 5	19°10	6°D50	5°14	25° 6	11°23	S 9
M10	23 18 56	18°12'45	29°18	2°14	12°44	16°59	20°31	18°17	3°43	19° 3	19°11	6°50	5°10	25°12	11°26	M10
T 11	23 22 52	19°10'46	12♌35	2°32	12° 8	17°37	20°37	18°23	3°41	19° 2	19°13	6°51	5° 7	25°19	11°29	T 11
W12	23 26 49	20° 8'50	25°34	2°57	11°33	18°15	20°42	18°30	3°40	19° 1	19°15	6°53	5° 4	25°26	11°32	W12
T 13	23 30 45	21° 6'55	8♏17	3°31	11° 0	18°52	20°48	18°37	3°38	18°59	19°16	6°R53	5° 1	25°32	11°35	T 13
F 14	23 34 42	22° 5'02	20°48	4°13	10°28	19°30	20°53	18°44	3°36	18°58	19°18	6°52	4°58	25°39	11°39	F 14
S 15	23 38 38	23° 3'11	3♍8	5° 2	9°58	20° 8	20°57	18°51	3°35	18°56	19°19	6°49	4°55	25°46	11°42	S 15
S 16	23 42 35	24° 1'21	15°20	5°59	9°29	20°45	21° 2	18°58	3°33	18°55	19°21	6°44	4°51	25°53	11°45	S 16
M17	23 46 31	24°59'34	27°24	7° 4	9° 3	21°22	21° 7	19° 5	3°31	18°53	19°22	6°36	4°48	25°59	11°49	M17
T 18	23 50 28	25°57'47	9♏23	8°15	8°38	22° 0	21°11	19°12	3°30	18°52	19°24	6°27	4°45	26° 6	11°53	T 18
W19	23 54 25	26°56'03	21°17	9°32	8°16	22°37	21°15	19°19	3°28	18°50	19°25	6°18	4°42	26°13	11°56	W19
T 20	23 58 21	27°54'20	3♍9	10°55	7°55	23°14	21°19	19°26	3°26	18°49	19°26	6° 8	4°39	26°20	12° 0	T 20
F 21	0 2 18	28°52'39	15° 0	12°22	7°37	23°51	21°23	19°33	3°24	18°47	19°28	5°59	4°36	26°26	12° 4	F 21
S 22	0 6 14	29°50'59	26°53	13°55	7°22	24°27	21°26	19°40	3°22	18°46	19°29	5°52	4°32	26°33	12° 8	S 22
S 23	0 10 11	0♏49'21	8♌53	15°31	7° 8	25° 4	21°30	19°47	3°20	18°44	19°31	5°47	4°29	26°40	12°12	S 23
M24	0 14 7	1°47'45	21° 2	17°11	6°57	25°40	21°33	19°54	3°18	18°43	19°32	5°45	4°26	26°46	12°16	M24
T 25	0 18 4	2°46'10	3♌25	18°54	6°49	26°17	21°36	20° 2	3°16	18°41	19°33	5°D44	4°23	26°53	12°20	T 25
W26	0 22 0	3°44'37	16° 8	20°39	6°43	26°53	21°39	20° 9	3°14	18°40	19°35	5°45	4°20	27° 0	12°25	W26
T 27	0 25 57	4°43'05	29°15	22°26	6°39	27°29	21°42	20°16	3°12	18°38	19°36	5°R46	4°16	27° 7	12°29	T 27
F 28	0 29 54	5°41'35	12♋48	24°15	6°D38	28° 5	21°44	20°23	3°10	18°36	19°37	5°46	4°13	27°13	12°34	F 28
S 29	0 33 50	6°40'06	26°51	26° 5	6°39	28°41	21°46	20°30	3° 8	18°35	19°39	5°44	4°10	27°20	12°38	S 29
S 30	0 37 47	7♏38'39	11♋22	27♍55	6♍42	29♌17	21♊49	20♏38	3♏6	18°Y33	19♏40	5♏40	4♏7	27♏27	12♌43	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	7n58	16s 8	1 s 2	5n46	4 s 2	2s50	8 s 8	23n10	0n18	22n 9	0s47	4s41	2n15	12n14	0s35	6n 7	1s30
S 2	7 36	12 25	2 17	6 15	3 48	2 43	8 14	23 8	0 19	22 10	0 48	4 44	2 15	12 13	0 35	6 7	1 30
M 3	7 14	7 52	3 24	6 44	3 33	2 35	8 20	23 5	0 20	22 10	0 48	4 46	2 15	12 13	0 35	6 6	1 30
T 4	6 52	2 47	4 17	7 11	3 16	2 26	8 25	23 3	0 21	22 11	0 48	4 49	2 15	12 12	0 35	6 6	1 30
W 5	6 30	2n28	4 53	7 38	2 59	2 15	8 29	23 0	0 21	22 11	0 48	4 51	2 15	12 12	0 35	6 5	1 30
T 6	6 8	7 31	5 10	8 3	2 41	2 4	8 32	22 57	0 22	22 11	0 48	4 54	2 14	12 11	0 35	6 5	1 30
F 7	5 46	12 4	5 5	8 25	2 23	1 52	8 34	22 53	0 23	22 12	0 48	4 56	2 14	12 11	0 35	6 4	1 30
S 8	5 24	15 49	4 42	8 46	2 4	1 39	8 36	22 50	0 24	22 12	0 48	4 59	2 14	12 11	0 35	6 4	1 30
S 9	5 1	18 34	4 2	9 3	1 45	1 26	8 36	22 46	0 25	22 12	0 48	5 2	2 14	12 10	0 35	6 3	1 30
M10	4 39	20 11	3 10	9 17	1 27	1 12	8 36	22 43	0 26	22 13	0 48	5 4	2 14	12 10	0 35	6 3	1 30
T 11	4 16	20 38	2 8	9 28	1 8	0 57	8 34	22 39	0 27	22 13	0 48	5 7	2 14	12 9	0 35	6 2	1 30
W12	3 53	19 57	1 1	9 36	0 50	0 42	8 32	22 35	0 29	22 13	0 48	5 10	2 14	12 8	0 35	6 2	1 30
T 13	3 31	18 05	0n 8	9 40	0 33	0 26	8 29	22 31	0 30	22 14	0 48	5 12	2 14	12 8	0 35	6 1	1 30
F 14	3 8	15 41	1 15	9 41	0 16	0 11	8 24	22 26	0 31	22 14	0 48	5 15	2 14	12 7	0 35	6 1	1 30
S 15	2 45	12 27	2 17	9 37	0 1	0n 5	8 20	22 22	0 32	22 14	0 48	5 18	2 14	12 7	0 35	6 0	1 30
S 16	2 22	8 43	3 12	9 30	0n14	0 20	8 14	22 17	0 33	22 15	0 48	5 20	2 14	12 6	0 35	5 59	1 30
M17	1 59	4 40	3 58	9 19	0 28	0 36	8 8	22 13	0 34	22 15	0 48	5 23	2 13	12 6	0 35	5 59	1 30
T 18	1 36	0 29	4 33	9 5	0 41	0 51	8 1	22 8	0 35	22 15	0 48	5 26	2 13	12 5	0 35	5 58	1 30
W19	1 13	3s42	4 55	8 47	0 53	1 7	7 53	22 3	0 36	22 15	0 48	5 28	2 13	12 4	0 35	5 58	1 30
T 20	0 50	7 44	5 5	8 25	1 3	1 22	7 45	21 58	0 37	22 15	0 49	5 31	2 13	12 4	0 35	5 57	1 30
F 21	0 27	11 27	5 2	8 1	1 13	1 36	7 37	21 53	0 38	22 16	0 49	5 34	2 13	12 3	0 35	5 56	1 30
S 22	0 4	14 45	4 46	7 33	1 21	1 50	7 27	21 47	0 39	22 16	0 49	5 37	2 13	12 3	0 35	5 56	1 30
S 23	0s20	17 28	4 17	7 3	1 28	2 4	7 18	21 42	0 40	22 16	0 49	5 39	2 13	12 2	0 35	5 55	1 30
M24	0 43	19 27	3 36	6 30	1 34	2 17	7 8	21 36	0 41	22 16	0 49	5 42	2 13	12 1	0 35	5 55	1 30
T 25	1 6	20 34	2 44	5 54	1 39	2 30	6 58	21 30	0 42	22 16	0 49	5 45	2 13	12 1	0 35	5 54	1 30
W26	1 29	20 40	1 43	5 17	1 43	2 42	6 48	21 25	0 43	22 16	0 49	5 47	2 13	12 0	0 35	5 53	1 30
T 27	1 52	19 40	0 35	4 37	1 46	2 53	6 37	21 19	0 44	22 17	0 49	5 50	2 13	11 59	0 35	5 53	1 30
F 28	2 15	17 30	0s38	3 56	1 49	3 3	6 26	21 13	0 45	22 17	0 49	5 53	2 13	11 58	0 35	5 52	1 30
S 29	2 38	14 14	1 50	3 14	1 50	3 13	6 15	21 6	0 47	22 17	0 49	5 56	2 13	11 58	0 35	5 51	1 30
S 30	3s 1	10s 1	2s58	2n31	1n50	3n22	6s 4	21n 0	0n48	22n17	0s49	5s58	2n13	11n57	0s35	5n51	1s31

Julian Day Number = 2703075.5, Delta T = 26m23s

Ecliptic obliquity = 23°20'55", Nutation = - 0°00'13"

Ayanamsha: Fagan/Bradley = 34°22'28", Lahiri = 33°29'28"

## ASTRODIENST EPHEMERIS for the year 2688

OCTOBER 2688

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 41 43	8♂37'14	26♂17	29♂46	6♂48	29♂52	21♂50	20♂45	3°R 4	18°R31	19♂41	5°R33	4♂ 4	27♂33	12♂47	M 1
T 2	0 45 40	9°35'51	11♂28	1♂38	6°56	0♂28	21°52	20°52	3♂ 2	18♂30	19°42	5♂24	4° 1	27°40	12°52	T 2
W 3	0 49 36	10°34'29	26°46	3°29	7° 6	1° 3	21°54	21° 0	3° 0	18°28	19°44	5°15	3°57	27°47	12°57	W 3
T 4	0 53 33	11°33'10	11♂58	5°20	7°18	1°38	21°55	21° 7	2°57	18°26	19°45	5° 5	3°54	27°54	13° 2	T 4
F 5	0 57 29	12°31'52	26°55	7°11	7°32	2°13	21°56	21°14	2°55	18°25	19°46	4°57	3°51	28° 0	13° 7	F 5
S 6	1 1 26	13°30'37	11♂29	9° 1	7°49	2°48	21°57	21°22	2°53	18°23	19°47	4°51	3°48	28° 7	13°12	S 6
S 7	1 5 23	14°29'25	25°36	10°51	8° 7	3°23	21°58	21°29	2°51	18°22	19°48	4°48	3°45	28°14	13°17	S 7
M 8	1 9 19	15°28'14	9♂16	12°41	8°27	3°58	21°58	21°36	2°48	18°20	19°49	4°46	3°41	28°21	13°22	M 8
T 9	1 13 16	16°27'06	22°30	14°29	8°49	4°32	21°59	21°44	2°46	18°18	19°50	4°D46	3°38	28°27	13°27	T 9
W10	1 17 12	17°26'00	5♂21	16°17	9°13	5° 6	21°R59	21°51	2°44	18°17	19°52	4°R46	3°35	28°34	13°33	W10
T 11	1 21 9	18°24'56	17°55	18° 4	9°39	5°41	21°59	21°59	2°41	18°15	19°53	4°46	3°32	28°41	13°38	T 11
F 12	1 25 5	19°23'54	0♂14	19°50	10° 6	6°15	21°58	22° 6	2°39	18°13	19°54	4°43	3°29	28°47	13°44	F 12
S 13	1 29 2	20°22'55	12°23	21°36	10°35	6°48	21°58	22°14	2°37	18°12	19°55	4°38	3°26	28°54	13°49	S 13
S 14	1 32 58	21°21'57	24°24	23°20	11° 5	7°22	21°57	22°21	2°34	18°10	19°56	4°30	3°22	29° 1	13°55	S 14
M15	1 36 55	22°21'02	6♂21	25° 4	11°37	7°56	21°56	22°28	2°32	18° 8	19°57	4°19	3°19	29° 8	14° 0	M15
T 16	1 40 51	23°20'09	18°15	26°47	12°11	8°29	21°55	22°36	2°30	18° 7	19°57	4° 5	3°16	29°14	14° 6	T 16
W17	1 44 48	24°19'18	0♂ 7	28°29	12°46	9° 2	21°54	22°43	2°27	18° 5	19°58	3°51	3°13	29°21	14°12	W17
T 18	1 48 45	25°18'28	11°59	0♂10	13°22	9°35	21°52	22°51	2°25	18° 3	19°59	3°37	3°10	29°28	14°18	T 18
F 19	1 52 41	26°17'41	23°52	1°51	13°59	10° 8	21°51	22°58	2°22	18° 2	20° 0	3°24	3° 7	29°34	14°24	F 19
S 20	1 56 38	27°16'56	5♂48	3°31	14°37	10°41	21°49	23° 5	2°20	18° 0	20° 1	3°13	3° 3	29°41	14°30	S 20
S 21	2 0 34	28°16'13	17°50	5°10	15°17	11°13	21°47	23°13	2°18	17°58	20° 2	3° 5	3° 0	29°48	14°36	S 21
M22	2 4 31	29°15'31	29°59	6°48	15°58	11°46	21°44	23°20	2°15	17°57	20° 3	2°59	2°57	29°55	14°42	M22
T 23	2 8 27	0♂14'51	12♂22	8°25	16°40	12°18	21°42	23°28	2°13	17°55	20° 3	2°57	2°54	0♂ 1	14°48	T 23
W24	2 12 24	1°14'13	25° 1	10° 2	17°23	12°50	21°39	23°35	2°10	17°53	20° 4	2°56	2°51	0° 8	14°54	W24
T 25	2 16 20	2°13'37	8♂ 1	11°38	18° 7	13°21	21°36	23°42	2° 8	17°52	20° 5	2°56	2°47	0°15	15° 0	T 25
F 26	2 20 17	3°13'02	21°26	13°14	18°52	13°53	21°33	23°50	2° 5	17°50	20° 6	2°55	2°44	0°22	15° 6	F 26
S 27	2 24 14	4°12'29	5♂19	14°49	19°38	14°24	21°30	23°57	2° 3	17°49	20° 6	2°53	2°41	0°28	15°13	S 27
S 28	2 28 10	5°11'58	19°41	16°23	20°25	14°56	21°26	24° 4	2° 0	17°47	20° 7	2°48	2°38	0°35	15°19	S 28
M29	2 32 7	6°11'29	4♂30	17°56	21°13	15°26	21°23	24°12	1°58	17°45	20° 7	2°41	2°35	0°42	15°25	M29
T 30	2 36 3	7°11'01	19°39	19°29	22° 2	15°57	21°19	24°19	1°56	17°44	20° 8	2°31	2°32	0°48	15°32	T 30
W31	2 40 0	8♂10'35	5♂ 0	21♂ 1	22♂51	16♂28	21♂15	24♂26	1♂53	17°42	20♂ 9	2♂20	2♂28	0♂55	15♂38	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	3s24	5s 4	3s55	1n46	1n50	3n31	5s53	20n54	0n49	22n17	0s49	6s 1	2n13	11n56	0s35	M 1
T 2	3 47	0n16	4 37	1 1	1 49	3 38	5 41	20 47	0 50	22 17	0 49	6 4	2 13	11 56	0 35	T 2
W 3	4 10	5 37	4 59	0 16	1 47	3 45	5 30	20 41	0 51	22 17	0 49	6 7	2 13	11 55	0 35	W 3
T 4	4 33	10 36	5 1	0s30	1 45	3 51	5 19	20 34	0 52	22 17	0 49	6 9	2 13	11 54	0 35	T 4
F 5	4 56	14 50	4 41	1 17	1 42	3 57	5 7	20 27	0 53	22 17	0 49	6 12	2 13	11 53	0 35	F 5
S 6	5 19	18 3	4 4	2 3	1 39	4 1	4 56	20 21	0 55	22 17	0 49	6 15	2 13	11 52	0 35	S 6
S 7	5 41	20 5	3 12	2 49	1 35	4 5	4 45	20 14	0 56	22 17	0 49	6 18	2 13	11 52	0 35	S 7
M 8	6 4	20 51	2 11	3 36	1 31	4 8	4 34	20 7	0 57	22 17	0 50	6 20	2 13	11 51	0 35	M 8
T 9	6 27	20 25	1 5	4 22	1 26	4 10	4 22	20 0	0 58	22 17	0 50	6 23	2 13	11 50	0 35	T 9
W10	6 49	18 54	0n 3	5 8	1 21	4 12	4 11	19 53	0 59	22 17	0 50	6 26	2 13	11 49	0 35	W10
T 11	7 12	16 30	1 9	5 53	1 16	4 12	4 0	19 45	1 0	22 17	0 50	6 29	2 13	11 49	0 35	T 11
F 12	7 34	13 23	2 11	6 38	1 10	4 12	3 50	19 38	1 2	22 17	0 50	6 31	2 13	11 48	0 35	F 12
S 13	7 56	9 44	3 5	7 23	1 5	4 11	3 39	19 31	1 3	22 17	0 50	6 34	2 13	11 47	0 35	S 13
S 14	8 18	5 45	3 50	8 7	0 59	4 10	3 28	19 24	1 4	22 17	0 50	6 37	2 13	11 46	0 35	S 14
M15	8 40	1 33	4 25	8 51	0 53	4 8	3 18	19 16	1 5	22 17	0 50	6 40	2 13	11 45	0 35	M15
T 16	9 2	2s41	4 48	9 34	0 46	4 5	3 7	19 9	1 7	22 16	0 50	6 42	2 13	11 45	0 35	T 16
W17	9 24	6 48	4 59	10 16	0 40	4 1	2 57	19 1	1 8	22 16	0 50	6 45	2 13	11 44	0 35	W17
T 18	9 45	10 40	4 56	10 58	0 33	3 56	2 47	18 54	1 9	22 16	0 50	6 48	2 13	11 43	0 35	T 18
F 19	10 7	14 7	4 41	11 39	0 27	3 51	2 37	18 46	1 10	22 16	0 50	6 50	2 13	11 42	0 35	F 19
S 20	10 28	17 2	4 13	12 20	0 20	3 46	2 27	18 38	1 12	22 16	0 50	6 53	2 13	11 41	0 35	S 20
S 21	10 49	19 14	3 34	12 59	0 13	3 39	2 18	18 31	1 13	22 16	0 50	6 56	2 13	11 40	0 35	S 21
M22	11 10	20 36	2 44	13 38	0 6	3 32	2 8	18 23	1 14	22 16	0 50	6 58	2 13	11 40	0 35	M22
T 23	11 31	21 1	1 46	14 16	0s 1	3 25	1 59	18 15	1 15	22 15	0 50	7 1	2 13	11 39	0 35	T 23
W24	11 52	20 22	0 42	14 54	0 8	3 16	1 50	18 7	1 17	22 15	0 50	7 4	2 13	11 38	0 35	W24
T 25	12 12	18 38	0s27	15 30	0 15	3 8	1 41	18 0	1 18	22 15	0 50	7 6	2 13	11 37	0 35	T 25
F 26	12 32	15 49	1 36	16 6	0 22	2 58	1 32	17 52	1 19	22 15	0 50	7 9	2 13	11 36	0 35	F 26
S 27	12 52	12 2	2 42	16 40	0 28	2 48	1 24	17 44	1 21	22 15	0 50	7 12	2 13	11 35	0 35	S 27
S 28	13 12	7 26	3 40	17 14	0 35	2 38	1 15	17 36	1 22	22 14	0 50	7 14	2 13	11 35	0 35	S 28
M29	13 32	2 17	4 25	17 47	0 42	2 27	1 7	17 28	1 23	22 14	0 50	7 17	2 13	11 34	0 35	M29
T 30	13 52	3n 8	4 53	18 19	0 49	2 15	0 59	17 21	1 25	22 14	0 50	7 20	2 13	11 33	0 35	T 30
W31	14s11	8n25	5s 0	18s50	0s56	2n 3	0s51	17n13	1n26	22n13	0s50	7s22	2n13	11n32	0s35	W31

Julian Day Number = 2703105.5, Delta T = 26m24s

Ecliptic obliquity = 23°20'55, Nutation = - 0°00'15

Ayanamsha: Fagan/Bradley = 34°22'32, Lahiri = 33°29'32

# ASTRODIENST EPHEMERIS for the year 2688

NOVEMBER 2688

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 43 56	9♈10°11'	20♊20	22♈33	23♈42	16♈58	21°R10	24♈34	1°R51	17°R41	20♈9	2°R9	2♈25	1♈2	15♈45	T 1
F 2	2 47 53	10°9'50	5♈27	24°4	24°33	17°28	21°II6	24°41	1♈48	17°Y39	20°10	1♈59	2°22	1°9	15°52	F 2
S 3	2 51 49	11°9'30	20°14	25°35	25°25	17°58	21°2	24°48	1°46	17°38	20°10	1°51	2°19	1°15	15°58	S 3
S 4	2 55 46	12°9'13	4♈32	27°4	26°17	18°28	20°57	24°55	1°44	17°36	20°11	1°46	2°16	1°22	16°5	S 4
M 5	2 59 43	13°8'57	18°21	28°34	27°11	18°57	20°52	25°2	1°41	17°35	20°11	1°44	2°13	1°29	16°12	M 5
T 6	3 3 39	14°8'44	1♈41	0♈3	28°5	19°27	20°47	25°10	1°39	17°33	20°11	1°D44	2°9	1°35	16°18	T 6
W 7	3 7 36	15°8'34	14°34	1°31	28°59	19°56	20°41	25°17	1°37	17°32	20°12	1°R44	2°6	1°42	16°25	W 7
T 8	3 11 32	16°8'25	27°7	2°58	29°54	20°24	20°36	25°24	1°34	17°31	20°12	1°43	2°3	1°49	16°32	T 8
F 9	3 15 29	17°8'18	9♈23	4°25	0♈50	20°53	20°30	25°31	1°32	17°29	20°13	1°41	2°0	1°56	16°39	F 9
S 10	3 19 25	18°8'14	21°27	5°51	1°47	21°21	20°25	25°38	1°30	17°28	20°13	1°37	1°57	2°2	16°46	S 10
S 11	3 23 22	19°8'12	3♈23	7°17	2°44	21°49	20°19	25°45	1°27	17°26	20°13	1°29	1°53	2°9	16°53	S 11
M12	3 27 18	20°8'11	15°15	8°42	3°41	22°17	20°13	25°52	1°25	17°25	20°13	1°19	1°50	2°16	17°0	M12
T13	3 31 15	21°8'13	27°7	10°6	4°39	22°44	20°7	25°59	1°23	17°24	20°14	1°7	1°47	2°23	17°7	T13
W14	3 35 12	22°8'17	8♈59	11°29	5°38	23°11	20°0	26°6	1°20	17°22	20°14	0°53	1°44	2°29	17°14	W14
T15	3 39 8	23°8'23	20°54	12°52	6°37	23°38	19°54	26°13	1°18	17°21	20°14	0°40	1°41	2°36	17°21	T15
F16	3 43 5	24°8'30	2♈53	14°14	7°36	24°5	19°47	26°20	1°16	17°20	20°14	0°28	1°38	2°43	17°28	F16
S17	3 47 1	25°8'39	14°57	15°34	8°36	24°31	19°40	26°27	1°14	17°19	20°14	0°17	1°34	2°49	17°35	S17
S18	3 50 58	26°8'50	27°7	16°54	9°37	24°57	19°33	26°33	1°12	17°17	20°14	0°10	1°31	2°56	17°42	S18
M19	3 54 54	27°9'03	9♈26	18°12	10°37	25°23	19°26	26°40	1°10	17°16	20°14	0°5	1°28	3°3	17°50	M19
T20	3 58 51	28°9'17	21°55	19°29	11°39	25°48	19°19	26°47	1°8	17°15	20°14	0°3	1°25	3°10	17°57	T20
W21	4 2 47	29°9'33	4♈38	20°45	12°40	26°14	19°12	26°54	1°5	17°14	20°R14	0°D3	1°22	3°16	18°4	W21
T22	4 6 44	0♈9'50	17°38	21°58	13°42	26°38	19°5	27°0	1°3	17°13	20°14	0°3	1°19	3°23	18°11	T22
F23	4 10 41	1°10'09	0♈59	23°10	14°45	27°3	18°57	27°7	1°1	17°12	20°14	0°R4	1°15	3°30	18°18	F23
S24	4 14 37	2°10'28	14°42	24°20	15°47	27°27	18°50	27°13	0°59	17°11	20°14	0°3	1°12	3°37	18°26	S24
S25	4 18 34	3°10'49	28°50	25°28	16°51	27°51	18°42	27°20	0°57	17°10	20°14	0°0	1°9	3°43	18°33	S25
M26	4 22 30	4°11'12	13°Y21	26°32	17°54	28°14	18°35	27°26	0°56	17°9	20°14	29°55	1°6	3°50	18°40	M26
T27	4 26 27	5°11'36	28°12	27°34	18°58	28°37	18°27	27°33	0°54	17°8	20°14	29°48	1°3	3°57	18°48	T27
W28	4 30 23	6°12'01	13♈17	28°33	20°2	29°0	18°19	27°39	0°52	17°7	20°14	29°40	0°59	4°3	18°55	W28
T29	4 34 20	7°12'27	28°25	29°27	21°6	29°22	18°11	27°45	0°50	17°6	20°13	29°32	0°56	4°10	19°3	T29
F30	4 38 16	8♈12'56	13♈28	0♈18	22♈11	29♈44	18°II3	27♈52	0♈48	17°Y5	20♈13	29°24	0♈53	4♈17	19♈10	F30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	14s30	13n10	4s45	19s21	1s2	1n50	0s43	17n5	1n27	22n13	0s50	7s25	2n13	11n31	0s35	5n31
F 2	14 49 17	1 4 11	19 50 1	9 1 37	0 35 16	57 1 29	22 13 0	50 7 27	2 13 11	31 0 35	5 31 1	30 20 7	5 43 19	39 19 33	7 0 17	50 4 48
S 3	15 7 19	3 20 20	18 1 15	1 24 0	28 16 49	1 30 22	13 0 50	7 30 2	13 11 30	0 35 5	30 1 30	20 7 5	43 19 40	34 19 34	7 2 17	50 4 48
S 4	15 26 20	58 2 18	20 45 1	21 1 9	0 20 16	41 1 32	22 12 0	50 7 32	2 14 11	29 0 35	5 29 1	30 20 7	5 43 19	41 19 35	7 4 17	51 4 48
M 5	15 44 20	56 1 10	21 11 1	28 0 55	0 13 16	34 1 33	22 12 0	50 7 35	2 14 11	28 0 35	5 29 1	30 20 7	5 43 19	42 19 36	7 7 17	52 4 48
T 6	16 1 19	42 0 0	21 37 1	34 0 40	0 6 16	26 1 35	22 12 0	50 7 37	2 14 11	27 0 35	5 28 1	30 20 7	5 44 19	42 19 36	7 9 17	53 4 48
W 7	16 19 17	29 1n 8	22 1 1	40 0 25	0n 1 16	18 1 36	22 11 0	50 7 40	2 14 11	26 0 35	5 28 1	30 20 8	5 44 19	42 19 37	7 11 17	53 4 47
T 8	16 36 14	28 2 10	22 24 1	45 0 9	0 7 16	10 1 37	22 11 0	50 7 42	2 14 11	26 0 35	5 27 1	30 20 8	5 44 19	42 19 38	7 13 17	54 4 47
F 9	16 53 10	53 3 5	22 46 1	51 0s 7	0 14 16	3 1 39	22 11 0	50 7 45	2 14 11	25 0 35	5 27 1	30 20 8	5 44 19	43 19 38	7 16 17	55 4 47
S 10	17 10 6 55	3 51 23	6 1 56	0 24 0	20 15 55	1 40 22	10 0 50	7 47 2	14 11 24	0 35 5	26 1 30	20 8 5	44 19 44	39 19 39	7 18 17	56 4 47
S 11	17 26 2 44	4 26 23	26 2 1	0 41 0	26 15 47	1 42 22	10 0 50	7 50 2	14 11 23	0 35 5	26 1 30	20 8 5	45 19 45	40 19 40	7 20 17	56 4 47
M12	17 43 1s32	4 50 23	45 2 6	0 58 0	32 15 40	1 43 22	9 0 50	7 52 2	14 11 23	0 35 5	25 1 30	20 8 5	45 19 47	41 19 41	7 23 17	57 4 47
T13	17 58 5 44	5 0 24	2 2 11	1 16 0	38 15 32	1 45 22	9 0 50	7 55 2	14 11 22	0 35 5	25 1 30	20 8 5	45 19 50	41 19 41	7 25 17	58 4 47
W14	18 14 9 43	4 58 24	18 2 15	1 34 0	44 15 25	1 46 22	8 0 50	7 57 2	14 11 21	0 35 5	24 1 30	20 8 5	45 19 53	42 19 42	7 27 17	58 4 47
T15	18 29 13 21	4 43 24	33 2 19	1 52 0	49 15 17	1 48 22	8 0 50	7 59 2	15 11 20	0 35 5	24 1 30	20 9 5	46 19 56	43 19 43	7 29 17	59 4 47
F16	18 44 16 29	4 15 24	47 2 23	2 10 0	55 15 10	1 50 22	8 0 50	8 2 2	15 11 20	0 35 5	23 1 30	20 9 5	46 19 59	43 19 43	7 32 18	0 4 47
S17	18 59 18 56	3 36 25	0 2 26	2 29 1	0 15 3	1 51 22	7 0 50	8 4 2	15 11 19	0 35 5	23 1 30	20 9 5	46 20 1	19 44 7	34 18 0	4 47
S18	19 13 20 33	2 46 25	11 2 30	2 48 1	5 14 56	1 53 22	7 0 50	8 6 2	15 11 18	0 35 5	23 1 30	20 9 5	46 20 2	19 45 7	36 18 1	4 47
M19	19 27 21 14	1 48 25	21 2 32	3 7 1	10 14 48	1 54 22	6 0 50	8 9 2	15 11 17	0 35 5	22 1 30	20 9 5	46 20 3	19 45 7	38 18 2	4 47
T20	19 40 20 52	0 43 25	30 2 35	3 27 1	14 14 41	1 56 22	6 0 50	8 11 2	15 11 17	0 35 5	22 1 30	20 10 5	47 20 4	19 46 7	41 18 2	4 47
W21	19 54 19 26	0s25	25 38 2	36 3 46	1 19 14	34 1 58	22 5 0	50 8 13	2 15 11	16 0 35 5	21 1 30	20 10 5	47 20 4	19 47 7	43 18 3	4 47
T22	20 6 16 58	1 33 25	44 2 38	4 6 1	23 14 27	1 59 22	5 0 50	8 16 2	15 11 15	0 35 5	21 1 30	20 10 5	47 20 4	19 48 7	45 18 4	4 47
F23	20 19 13 32	2 38 25	49 2 39	4 27 1	28 14 21	2 1 22	4 0 50	8 18 2	16 11 15	0 35 5	20 1 30	20 10 5	47 20 4	19 48 7	47 18 4	4 47
S24	20 31 9 19	3 35 25	52 2 39	4 47 1	32 14 14	2 3 22	3 0 50	8 20 2	16 11 14	0 35 5	20 1 30	20 10 5	48 20 4	19 49 7	50 18 5	4 47
S25	20 43 4 28	4 22 25	55 2 39	5 7 1	36 14 7	2 4 22	3 0 49	8 22 2	16 11 13	0 35 5	20 1 30	20 11 5	48 20 4	19 50 7	52 18 5	4 47
M26	20 54 0n45	4 53 25	56 2 38	5 28 1	39 14 1	2 6 22	2 0 49	8 24 2	16 11 13	0 35 5	19 1 30	20 11 5	48 20 5	19 50 7	54 18 6	4 47
T27	21 5 6 2	5 5 25	56 2 36	5 49 1	43 13 54	2 8 22	2 0 49	8 26 2	16 11 12	0 35 5	19 1 30	20 11 5	48 20 7	19 51 7	57 18 6	4 47
W28	21 16 11 2	4 57 25	54 2 34	6 9 1	47 13 48	2 10 22	1 0 49	8 29 2	16 11 11	0 35 5	19 1 30	20 12 5	49 20 9	19 52 7	59 18 7	4 47
T29	21 26 15 22	4 28 25	51 2 30	6 30 1	50 13 42	2 11 22	1 0 49	8 31 2	16 11 11	0 35 5	18 1 30	20 12 5	49 20 10	19 52 8	1 18 7	4 47
F30	21s36	18n41	3s40	25s47	2s26	6s51	1n53	13n36	2n13	22n0	0s49	8s33	2n17	11n10	0s35	5n18

Julian Day Number = 2703136.5, Delta T = 26m24s  
Ecliptic obliquity = 23°20'55", Nutation = - 0°00'16"  
Ayanamsha: Fagan/Bradley = 34°22'36", Lahiri = 33°29'36"

## ASTRODIENST EPHEMERIS for the year 2688

DECEMBER 2688

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 42 13	9♂13'25	28♂14	1♂3 3	23♂16	0♂6 6	17°R55	27♂58	0°R46	17°R 4	20°R13	29°R18	0♂50	4♂24	19♂17	S 1
S 2	4 46 10	10°13'57	12♂36	1°43	24°21	0°27	17♂47	28° 4	0♂45	17°Y 3	20♂13	29♂15	0°47	4°30	19°25	S 2
M 3	4 50 6	11°14'30	26°32	2°17	25°27	0°48	17°39	28°10	0°43	17° 2	20°12	29°D14	0°44	4°37	19°32	M 3
T 4	4 54 3	12°15'04	9♂59	2°43	26°33	1° 8	17°31	28°16	0°41	17° 1	20°12	29°14	0°40	4°44	19°40	T 4
W 5	4 57 59	13°15'41	23° 0	3° 2	27°39	1°28	17°23	28°22	0°40	17° 1	20°12	29°15	0°37	4°50	19°47	W 5
T 6	5 1 56	14°16'19	5♂38	3°13	28°45	1°48	17°15	28°28	0°38	17° 0	20°11	29°17	0°34	4°57	19°54	T 6
F 7	5 5 52	15°16'58	17°57	3°R14	29°52	2° 7	17° 7	28°34	0°37	16°59	20°11	29°R17	0°31	5° 4	20° 2	F 7
S 8	5 9 49	16°17'39	0♂2	3° 5	0♂59	2°26	16°58	28°40	0°35	16°58	20°10	29°16	0°28	5°11	20° 9	S 8
S 9	5 13 45	17°18'22	11°58	2°46	2° 6	2°44	16°50	28°45	0°34	16°58	20°10	29°13	0°25	5°17	20°17	S 9
M10	5 17 42	18°19'06	23°50	2°16	3°13	3° 2	16°42	28°51	0°32	16°57	20° 9	29° 8	0°21	5°24	20°24	M10
T 11	5 21 39	19°19'51	5♂41	1°35	4°21	3°19	16°34	28°57	0°31	16°57	20° 9	29° 1	0°18	5°31	20°32	T 11
W12	5 25 35	20°20'38	17°35	0°43	5°29	3°36	16°26	29° 2	0°29	16°56	20° 8	28°54	0°15	5°38	20°39	W12
T 13	5 29 32	21°21'27	29°34	29♂41	6°37	3°52	16°18	29° 8	0°28	16°56	20° 8	28°46	0°12	5°44	20°47	T 13
F 14	5 33 28	22°22'16	11♂41	28°30	7°45	4° 8	16° 9	29° 13	0°27	16°55	20° 7	28°39	0° 9	5°51	20°54	F 14
S 15	5 37 25	23°23'07	23°56	27°13	8°53	4°23	16° 1	29°19	0°26	16°55	20° 6	28°34	0° 5	5°58	21° 2	S 15
S 16	5 41 21	24°23'59	6♂21	25°52	10° 2	4°38	15°53	29°24	0°25	16°54	20° 6	28°30	0° 2	6° 4	21° 9	S 16
M17	5 45 18	25°24'52	18°56	24°29	11°10	4°52	15°45	29°29	0°23	16°54	20° 5	28°27	29♂59	6°11	21°17	M17
T 18	5 49 15	26°25'46	1♂42	23° 7	12°19	5° 6	15°37	29°34	0°22	16°54	20° 4	28°D27	29°56	6°18	21°24	T 18
W19	5 53 11	27°26'40	14°41	21°49	13°28	5°19	15°30	29°39	0°21	16°53	20° 4	28°28	29°53	6°25	21°31	W19
T 20	5 57 8	28°27'36	27°53	20°38	14°37	5°31	15°22	29°44	0°20	16°53	20° 3	28°30	29°50	6°31	21°39	T 20
F 21	6 1 4	29°28'32	11♂19	19°35	15°47	5°43	15°14	29°49	0°20	16°53	20° 2	28°31	29°46	6°38	21°46	F 21
S 22	6 5 1	0♂29'28	25° 2	18°42	16°56	5°54	15° 6	29°54	0°19	16°52	20° 1	28°R32	29°43	6°45	21°54	S 22
S 23	6 8 57	1°30'25	9°Y 1	17°59	18° 6	6° 5	14°59	29°59	0°18	16°52	20° 0	28°32	29°40	6°51	22° 1	S 23
M24	6 12 54	2°31'23	23°16	17°28	19°16	6°15	14°51	0♂3	0°17	16°52	20° 0	28°31	29°37	6°58	22° 8	M24
T 25	6 16 50	3°32'21	7♂45	17° 8	20°26	6°25	14°44	0° 8	0°16	16°52	19°59	28°28	29°34	7° 5	22°16	T 25
W26	6 20 47	4°33'20	22°23	16°D58	21°36	6°33	14°37	0°13	0°16	16°52	19°58	28°25	29°30	7°12	22°23	W26
T 27	6 24 44	5°34'19	7♂5	16°59	22°46	6°42	14°30	0°17	0°15	16°52	19°57	28°22	29°27	7°18	22°30	T 27
F 28	6 28 40	6°35'19	21°44	17°10	23°56	6°49	14°23	0°21	0°14	16°D52	19°56	28°19	29°24	7°25	22°38	F 28
S 29	6 32 37	7°36'19	6♂12	17°29	25° 7	6°56	14°16	0°26	0°14	16°52	19°55	28°16	29°21	7°32	22°45	S 29
S 30	6 36 33	8°37'20	20°25	17°56	26°18	7° 2	14° 9	0°30	0°13	16°52	19°54	28°15	29°18	7°39	22°52	S 30
M31	6 40 30	9♂38'22	4♂16	18♂31	27♂28	7♂8	14♂2	0♂34	0♂13	16°Y52	19♂53	28°D15	29♂15	7♂45	22♂59	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	21s45	20n41	2s39	25s41	2s21	7s12	1n56	13n30	2n15	21n59	0s49	8s35	2n17	11n10	0s34	5n18	1s30	20n12	5n49	20n13	19n54	8s 6	18s 8	4n48					
S 2	21 54	21 17	1 28	25 35	2 15	7 34	1 59	13 24	2 17	21 59	0 49	8 37	2 17	11 9	0 34	5 17	1 30	20 13	5 49	20 14	19 54	8 8	18 9	4 48					
M 3	22 2	20 32	0 15	25 27	2 7	7 55	2 2	13 19	2 19	21 58	0 49	8 39	2 17	11 8	0 34	5 17	1 30	20 13	5 50	20 14	19 55	8 10	18 9	4 48					
T 4	22 11	18 36	0n58	25 18	1 58	8 16	2 4	13 13	2 20	21 57	0 49	8 41	2 17	11 8	0 34	5 17	1 30	20 13	5 50	20 14	19 56	8 12	18 10	4 48					
W 5	22 18	15 46	2 5	25 7	1 48	8 37	2 7	13 8	2 22	21 57	0 49	8 43	2 17	11 7	0 34	5 17	1 30	20 14	5 50	20 14	19 56	8 15	18 10	4 48					
T 6	22 26	12 16	3 4	24 56	1 37	8 59	2 9	13 2	2 24	21 56	0 48	8 45	2 18	11 7	0 34	5 16	1 30	20 14	5 50	20 13	19 57	8 17	18 11	4 48					
F 7	22 32	8 19	3 53	24 43	1 24	9 20	2 11	12 57	2 26	21 56	0 48	8 47	2 18	11 6	0 34	5 16	1 29	20 14	5 51	20 13	19 58	8 19	18 11	4 48					
S 8	22 39	4 7	4 30	24 29	1 10	9 41	2 13	12 52	2 28	21 55	0 48	8 48	2 18	11 6	0 34	5 16	1 29	20 15	5 51	20 14	19 59	8 21	18 12	4 48					
S 9	22 45	0s10	4 56	24 14	0 55	10 2	2 15	12 48	2 30	21 54	0 48	8 50	2 18	11 5	0 34	5 16	1 29	20 15	5 51	20 14	19 59	8 24	18 12	4 48					
M10	22 50	4 26	5 8	23 57	0 38	10 23	2 17	12 43	2 32	21 54	0 48	8 52	2 18	11 5	0 34	5 16	1 29	20 15	5 51	20 15	20 0	8 26	18 12	4 49					
T 11	22 55	8 32	5 7	23 40	0 19	10 45	2 19	12 39	2 34	21 53	0 48	8 54	2 18	11 4	0 34	5 15	1 29	20 16	5 51	20 17	20 1	8 28	18 13	4 49					
W12	23 0	12 19	4 53	23 21	0 0	11 6	2 20	12 34	2 36	21 52	0 48	8 56	2 19	11 4	0 34	5 15	1 29	20 16	5 52	20 18	20 1	8 30	18 13	4 49					
T 13	23 4	15 39	4 26	23 1	0n20	11 26	2 21	12 30	2 38	21 52	0 47	8 57	2 19	11 4	0 34	5 15	1 29	20 17	5 52	20 20	20 2	8 33	18 13	4 49					
F 14	23 8	18 21	3 47	22 40	0 40	11 47	2 23	12 26	2 40	21 51	0 47	8 59	2 19	11 3	0 34	5 15	1 29	20 17	5 52	20 21	20 3	8 35	18 14	4 49					
S 15	23 11	20 16	2 57	22 19	1 0	12 8	2 24	12 23	2 42	21 50	0 47	9 1	2 19	11 3	0 34	5 15	1 29	20 17	5 52	20 22	20 3	8 37	18 14	4 49					
S 16	23 14	21 14	1 58	21 57	1 20	12 28	2 25	12 19	2 44	21 49	0 47	9 3	2 19	11 2	0 34	5 15	1 29	20 18	5 52	20 23	20 4	8 40	18 14	4 49					
M17	23 16	21 10	0 52	21 36	1 38	12 49	2 26	12 16	2 46	21 49	0 47	9 4	2 20	11 2	0 34	5 15	1 29	20 18	5 53	20 23	20 5	8 42	18 15	4 50					
T 18	23 18	20 0	0s18	21 15	1 55	13 9	2 26	12 13	2 48	21 48	0 47	9 6	2 20	11 2	0 34	5 14	1 29	20 19	5 53	20 24	20 5	8 44	18 15	4 50					
W19	23 19	17 46	1 28	20 56	2 10	13 29	2 27	12 10	2 50	21 47	0 47	9 7	2 20	11 1	0 34	5 14	1 29	20 19	5 53	20 23	20 6	8 46	18 15	4 50					
T 20	23 20	14 35	2 34	20 38	2 23	13 49	2 27	12 8	2 52	21 47	0 46	9 9	2 20	11 1	0 34	5 14	1 29	20 19	5 53	20 23	20 7	8 49	18 16	4 50					
F 21	23 21	10 35	3 34	20 23	2 34	14 9	2 28	12 5	2 55	21 46	0 46	9 10	2 20	11 1	0 34	5 14	1 29	20 20	5 53	20 23	20 7	8 51	18 16	4 50					
S 22	23 21	5 59	4 22	20 11	2 42	14 28	2 28	12 3	2 57	21 45	0 46	9 12	2 21	11 1	0 34	5 14	1 29	20 20	5 54	20 23	20 8	8 53	18 16	4 51					
S 23	23 20	0 59	4 56	20 2	2 48	14 47	2 28	12 1	2 59	21 45	0 46	9 13	2 21	11 0	0 34	5 14	1 29	20 21	5 54	20 23	20 9	8 55	18 16	4 51					
M24	23 19	4n10	5 13	19 55	2 51	15 6	2 28	11 59	3 1	21 44	0 46	9 15	2 21	11 0	0 34	5 14	1 29	20 21	5 54	20 23	20 9	8 58	18 16	4 51					
T 25	23 18	9 9	5 10	19 52	2 53	15 25	2 28	11 58	3 3	21 44	0 46	9 16	2 21	11 0	0 34	5 14	1 29	20 22	5 54	20 23	20 10	9 0	18 17	4 51					
W26	23 16	13 40	4 47	19 51	2 53	15 43	2 28	11 57	3 6	21 43	0 45	9 18	2 21	11 0	0 34	5 14	1 29	20 22	5 54	20 24	20 11	9 2	18 17	4 52					
T 27	23 14	17 23	4 5	19 52	2 51	16 1	2 27	11 56	3 8	21 42	0 45	9 19	2 22	10 59	0 34	5 14	1 29	20 23	5 55	20 25	20 11	9 4	18 17	4 52					
F 28	23 11	19 58	3 8	19 56	2 48	16 19	2 27	11 55	3 10	21 42	0 45	9 20	2 22	10 59	0 34	5 14	1 29	20 23	5 55	20 25	20 12	9 7	18 17	4 52					
S 29	23 8	21 14	1 59	20 2	2 44	16 36	2 26	11 55	3 12	21 41	0 45	9 21	2 22	10 59	0 34	5 14	1 29	20 24	5 55	20 26	20 13	9 9	18 17	4 52					
S 30	23 4	21 6	0 43	20 10	2 39	16 53	2 26	11 54	3 15	21 40	0 45	9 23	2 22	10 59	0 34	5 14	1 28	20 24	5 55	20 26	20 13	9 11	18 17	4 53					
M31	23s 0	19n39	0n33	20s18	2n33	17s10	2n25	11n54	3n17	21n40	0s44	9s24	2n23	10n59	0s34	5n14	1s28	20n25	5n55	20n26	20n14	9s13	18s17	4n53					



## ASTRODIENST EPHEMERIS for the year 2689

FEBRUARY 2689

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8 46 40	12°13'20"	3°39'	29°59'	5°58'	3°R14	11°R57	1°M55	0°26'	17°Y13	19°R14	28°R10	27°33'	11°M20	26°33'	F 1
S 2	8 50 36	13°14'21"	15°50'	1°32'	7°11'	2°M54	11°II57	1°56'	0°28'	17°15'	19°R12	28°8'	27°30'	11°27'	26°38'	S 2
S 3	8 54 33	14°15'21"	27°50'	3°6'	8°24'	2°34'	11°56'	1°57'	0°29'	17°16'	19°11'	28°7'	27°27'	11°34'	26°44'	S 3
M 4	8 58 29	15°16'21"	9°M44	4°41'	9°37'	2°13'	11°56'	1°58'	0°30'	17°17'	19°10'	28°6'	27°23'	11°41'	26°50'	M 4
T 5	9 2 26	16°17'20"	21°36'	6°16'	10°50'	1°52'	11°D56	1°58'	0°32'	17°18'	19°8'	28°D6	27°20'	11°47'	26°56'	T 5
W 6	9 6 22	17°18'19"	3°31'	7°52'	12°4'	1°30'	11°56'	1°59'	0°33'	17°20'	19°7'	28°7'	27°17'	11°54'	27°1'	W 6
T 7	9 10 19	18°19'17"	15°34'	9°29'	13°17'	1°8'	11°56'	1°59'	0°35'	17°21'	19°6'	28°8'	27°14'	12°1'	27°7'	T 7
F 8	9 14 15	19°20'15"	27°49'	11°6'	14°30'	0°46'	11°57'	1°59'	0°36'	17°22'	19°4'	28°10'	27°11'	12°7'	27°12'	F 8
S 9	9 18 12	20°21'12"	10°320	12°44'	15°44'	0°23'	11°58'	1°R59	0°38'	17°24'	19°3'	28°11'	27°8'	12°14'	27°18'	S 9
S 10	9 22 9	21°22'08"	23°11'	14°23'	16°57'	29°R59	11°59'	1°59'	0°39'	17°25'	19°1'	28°R12	27°4'	12°21'	27°23'	S 10
M11	9 26 5	22°23'04"	6°21'	16°2'	18°11'	29°36'	12°0'	1°59'	0°41'	17°27'	19°0'	28°12'	27°1'	12°28'	27°28'	M11
T 12	9 30 2	23°23'59"	19°53'	17°42'	19°24'	29°12'	12°1'	1°59'	0°43'	17°28'	18°59'	28°11'	26°58'	12°34'	27°34'	T 12
W13	9 33 58	24°24'52"	3°H43	19°23'	20°38'	28°48'	12°3'	1°58'	0°45'	17°30'	18°57'	28°8'	26°55'	12°41'	27°39'	W13
T 14	9 37 55	25°25'45"	17°48'	21°4'	21°52'	28°25'	12°4'	1°58'	0°46'	17°31'	18°56'	28°4'	26°52'	12°48'	27°44'	T 14
F 15	9 41 51	26°26'36"	2°Y5	22°46'	23°5'	28°0'	12°6'	1°57'	0°48'	17°33'	18°54'	28°0'	26°48'	12°54'	27°49'	F 15
S 16	9 45 48	27°27'26"	16°27'	24°29'	24°19'	27°36'	12°9'	1°57'	0°50'	17°34'	18°53'	27°55'	26°45'	13°1'	27°54'	S 16
S 17	9 49 44	28°28'14"	0°B49	26°13'	25°32'	27°12'	12°11'	1°56'	0°52'	17°36'	18°52'	27°52'	26°42'	13°8'	27°58'	S 17
M18	9 53 41	29°29'02"	15°8'	27°57'	26°46'	26°48'	12°13'	1°55'	0°54'	17°38'	18°50'	27°50'	26°39'	13°15'	28°3'	M18
T 19	9 57 38	0°H29'47"	29°20'	29°43'	28°0'	26°25'	12°16'	1°54'	0°56'	17°39'	18°49'	27°D49	26°36'	13°21'	28°8'	T 19
W20	10 1 34	1°30'32"	13°II23	1°H29	29°13'	26°1'	12°19'	1°53'	0°58'	17°41'	18°48'	27°49'	26°33'	13°28'	28°13'	W20
T 21	10 5 31	2°31'14"	27°16'	3°15'	0°27'	25°37'	12°22'	1°52'	1°0'	17°43'	18°46'	27°51'	26°29'	13°35'	28°17'	T 21
F 22	10 9 27	3°31'56"	10°358	5°3'	1°41'	25°14'	12°26'	1°51'	1°2'	17°45'	18°45'	27°52'	26°26'	13°41'	28°22'	F 22
S 23	10 13 24	4°32'35"	24°30'	6°51'	2°55'	24°51'	12°29'	1°49'	1°5'	17°46'	18°44'	27°R53	26°23'	13°48'	28°26'	S 23
S 24	10 17 20	5°33'13"	7°R51	8°40'	4°8'	24°29'	12°33'	1°48'	1°7'	17°48'	18°42'	27°53'	26°20'	13°55'	28°30'	S 24
M25	10 21 17	6°33'50"	21°1'	10°29'	5°22'	24°7'	12°37'	1°46'	1°9'	17°50'	18°41'	27°50'	26°17'	14°2'	28°34'	M25
T 26	10 25 13	7°34'25"	3°M58	12°19'	6°36'	23°45'	12°41'	1°45'	1°11'	17°52'	18°40'	27°46'	26°14'	14°8'	28°39'	T 26
W27	10 29 10	8°34'58"	16°43'	14°10'	7°50'	23°23'	12°45'	1°43'	1°14'	17°54'	18°38'	27°40'	26°10'	14°15'	28°43'	W27
T 28	10 33 7	9°H35'30"	29°M15	16°H1	9°24'	23°R13	12°II50	1°M41	1°B16	17°Y55	18°R37	27°32'	26°8'	14°M22	28°H47	T 28

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	17s 4	2n57	4n48	21s28	1s26	21s54	1n19	14n23	4n24	21n31	0s37	9s44	2n31	11n 5	0s32	5n24	1s27	20n41	6n 0	20n27	20n34	10s25	18s13	5n 5					
S 2	16 47	1s27	5 9	21 13	1 30	21 54	1 16	14 31	4 25	21 32	0 37	9 44	2 31	11 5	0 32	5 24	1 27	20 42	6 0	20 27	20 35	10 27	18 13	5 6					
S 3	16 29	5 45	5 16	20 56	1 35	21 52	1 13	14 40	4 26	21 32	0 37	9 44	2 32	11 6	0 32	5 25	1 27	20 42	6 0	20 28	20 36	10 29	18 12	5 6					
M 4	16 12	9 47	5 9	20 38	1 39	21 50	1 10	14 48	4 27	21 32	0 36	9 44	2 32	11 6	0 32	5 25	1 27	20 43	6 0	20 28	20 36	10 32	18 12	5 7					
T 5	15 54	13 26	4 50	20 18	1 43	21 48	1 7	14 57	4 28	21 32	0 36	9 44	2 32	11 7	0 32	5 26	1 27	20 43	6 0	20 28	20 37	10 34	18 12	5 7					
W 6	15 35	16 34	4 18	19 57	1 47	21 45	1 4	15 6	4 29	21 32	0 36	9 44	2 32	11 7	0 32	5 26	1 27	20 44	6 0	20 28	20 37	10 36	18 11	5 8					
T 7	15 17	19 2	3 34	19 35	1 51	21 41	1 1	15 14	4 30	21 33	0 36	9 44	2 33	11 8	0 32	5 27	1 27	20 45	6 0	20 27	20 38	10 38	18 11	5 8					
F 8	14 58	20 40	2 40	19 12	1 54	21 37	0 58	15 23	4 31	21 33	0 36	9 43	2 33	11 8	0 32	5 28	1 27	20 45	6 0	20 27	20 39	10 41	18 10	5 9					
S 9	14 39	21 20	1 37	18 47	1 57	21 31	0 54	15 32	4 32	21 33	0 35	9 43	2 33	11 9	0 32	5 28	1 27	20 46	6 0	20 27	20 39	10 43	18 10	5 9					
S 10	14 20	20 55	0 28	18 21	1 59	21 26	0 51	15 41	4 32	21 34	0 35	9 43	2 33	11 9	0 32	5 29	1 27	20 46	6 1	20 27	20 40	10 45	18 9	5 10					
M11	14 0	19 20	0s45	17 54	2 1	21 19	0 48	15 49	4 33	21 34	0 35	9 43	2 34	11 10	0 32	5 29	1 27	20 47	6 1	20 27	20 40	10 47	18 9	5 11					
T 12	13 40	16 38	1 56	17 25	2 3	21 12	0 45	15 58	4 33	21 34	0 35	9 42	2 34	11 11	0 32	5 30	1 27	20 47	6 1	20 27	20 41	10 49	18 9	5 11					
W13	13 20	12 57	3 3	16 55	2 4	21 5	0 42	16 7	4 33	21 35	0 34	9 42	2 34	11 11	0 32	5 30	1 27	20 48	6 1	20 27	20 42	10 52	18 8	5 12					
T 14	13 0	8 28	3 59	16 24	2 5	20 57	0 39	16 15	4 33	21 35	0 34	9 42	2 34	11 12	0 32	5 31	1 27	20 48	6 1	20 28	20 42	10 54	18 8	5 12					
F 15	12 39	3 29	4 41	15 51	2 6	20 48	0 36	16 24	4 34	21 36	0 34	9 41	2 35	11 13	0 32	5 32	1 27	20 49	6 1	20 29	20 43	10 56	18 7	5 13					
S 16	12 19	1n43	5 6	15 18	2 6	20 38	0 32	16 32	4 33	21 36	0 34	9 41	2 35	11 13	0 32	5 32	1 26	20 49	6 1	20 30	20 44	10 58	18 7	5 13					
S 17	11 58	6 50	5 12	14 42	2 6	20 28	0 29	16 40	4 33	21 37	0 34	9 40	2 35	11 14	0 32	5 33	1 26	20 50	6 1	20 31	20 44	11 0	18 6	5 14					
M18	11 37	11 33	4 58	14 6	2 5	20 18	0 26	16 48	4 33	21 37	0 33	9 40	2 36	11 15	0 32	5 34	1 26	20 50	6 1	20 31	20 45	11 3	18 6	5 15					
T 19	11 15	15 35	4 27	13 28	2 4	20 6	0 23	16 56	4 32	21 38	0 33	9 39	2 36	11 15	0 32	5 34	1 26	20 50	6 1	20 31	20 45	11 5	18 5	5 15					
W20	10 54	18 42	3 39	12 49	2 3	19 55	0 20	17 4	4 32	21 39	0 33	9 38	2 36	11 16	0 32	5 35	1 26	20 51	6 1	20 31	20 46	11 7	18 5	5 16					
T 21	10 32	20 40	2 39	12 9	2 1	19 42	0 17	17 11	4 31	21 39	0 33	9 38	2 36	11 17	0 32	5 36	1 26	20 51	6 1	20 31	20 47	11 9	18 4	5 16					
F 22	10 10	21 23	1 31	11 28	1 58	19 29	0 14	17 18	4 31	21 40	0 32	9 37	2 37	11 18	0 32	5 36	1 26	20 52	6 1	20 31	20 47	11 12	18 3	5 17					
S 23	9 49	20 50	0 18	10 45	1 55	19 16	0 11	17 25	4 30	21 40	0 32	9 36	2 37	11 19	0 32	5 37	1 26	20 52	6 1	20 30	20 48	11 14	18 3	5 18					
S 24	9 26	19 6	0n54	10 1	1 52	19 2	0 8	17 32	4 29	21 41	0 32	9 36	2 37	11 19	0 32	5 38	1 26	20 53	6 1	20 30	20 48	11 16	18 2	5 18					
M25	9 4	16 22	2 2	9 16	1 48	18 47	0 4	17 39	4 28	21 42	0 32	9 35	2 37	11 20	0 32	5 38	1 26	20 53	6 1	20 31	20 49	11 18	18 2	5 19					
T 26	8 42	12 52	3 3	8 30	1 43	18 32	0 1	17 45	4 27	21 43	0 32	9 34	2 38	11 21	0 32	5 39	1 26	20 54	6 1	20 32	20 50	11 20	18 1	5 19					
W27	8 19	8 49	3 54	7 43	1 38	18 16	0s 2	17 51	4 25	21 43	0 31	9 33	2 38	11 22	0 32	5 40	1 26	20 54	6 1	20 33	20 50	11 23	18 1	5 20					
T 28	7s57	4n27	4n32	6s54	1s32	18s 0	0s 5	17n56	4n24	21n44	0s31	9s32	2n38	11n23	0s32	5n41	1s26	20n54	6n 1	20n34	20n51	11s25	18s 0	5n21					

Julian Day Number = 2703228.5, Delta T = 26m25s

Ecliptic obliquity = 23°20'55", Nutation = - 0°00'14"

Ayanamsha: Fagan/Bradley = 34°22'49", Lahiri = 33°29'49"



## ASTRODIENST EPHEMERIS for the year 2689

APRIL 2689

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	12 39 16	11°38'35"	25°11'51"	17°R42	18°H31	18°Ω 3	16°II37	29°R57	28°B49	19°Υ 3	18°R 4	24°R37	24°Ω25	17°M57	0°Θ 5	M 1
T 2	12 43 13	12°38'09"	7°J42	16°Υ57	19°45	18° 6	16°47	29°Δ52	2°52	19° 5	18°Ω 3	24°Ω29	24°22	18° 3	0° 6	T 2
W 3	12 47 9	13°37'42"	19°34	16° 8	20°59	18° 9	16°56	29°48	2°55	19° 7	18° 2	24°25	24°19	18°10	0° 6	W 3
T 4	12 51 6	14°37'13"	1°Ξ32	15°17	22°13	18°14	17° 6	29°43	2°58	19°10	18° 2	24°23	24°16	18°17	0° 7	T 4
F 5	12 55 2	15°36'42"	13°42	14°24	23°27	18°19	17°16	29°39	3° 2	19°12	18° 1	24°D22	24°13	18°23	0° 7	F 5
S 6	12 58 59	16°36'10"	26° 8	13°32	24°42	18°24	17°25	29°35	3° 5	19°14	18° 0	24°R22	24°10	18°30	0° 8	S 6
S 7	13 2 56	17°35'36"	8°≈56	12°40	25°56	18°31	17°35	29°30	3° 8	19°16	18° 0	24°21	24° 6	18°37	0° 8	S 7
M 8	13 6 52	18°35'00"	22°10	11°49	27°10	18°38	17°45	29°26	3°12	19°19	17°59	24°19	24° 3	18°44	0° 8	M 8
T 9	13 10 49	19°34'22"	5°H54	11° 2	28°24	18°45	17°56	29°21	3°15	19°21	17°59	24°14	24° 0	18°50	0° 9	T 9
W10	13 14 45	20°33'42"	20° 6	10°18	29°38	18°53	18° 6	29°16	3°18	19°23	17°58	24° 7	23°57	18°57	0°R 9	W10
T 11	13 18 42	21°33'01"	4°Υ46	9°38	0°Υ52	19° 2	18°16	29°12	3°22	19°26	17°58	23°57	23°54	19° 4	0° 9	T 11
F 12	13 22 38	22°32'17"	19°45	9° 3	2° 6	19°12	18°27	29° 7	3°25	19°28	17°57	23°46	23°51	19°10	0° 8	F 12
S 13	13 26 35	23°31'32"	4°B56	8°33	3°20	19°22	18°37	29° 3	3°28	19°30	17°57	23°35	23°47	19°17	0° 8	S 13
S 14	13 30 31	24°30'45"	20° 7	8° 8	4°34	19°32	18°48	28°58	3°32	19°32	17°56	23°24	23°44	19°24	0° 8	S 14
M15	13 34 28	25°29'55"	5°II 7	7°49	5°48	19°43	18°59	28°53	3°35	19°35	17°56	23°16	23°41	19°30	0° 7	M15
T 16	13 38 25	26°29'04"	19°50	7°35	7° 2	19°55	19°10	28°49	3°39	19°37	17°55	23°11	23°38	19°37	0° 7	T 16
W17	13 42 21	27°28'10"	4°Ω 9	7°27	8°16	20° 7	19°21	28°44	3°42	19°39	17°55	23° 8	23°35	19°44	0° 6	W17
T 18	13 46 18	28°27'14"	18° 3	7°D24	9°30	20°20	19°32	28°39	3°46	19°41	17°55	23° 7	23°31	19°51	0° 5	T 18
F 19	13 50 14	29°26'15"	1°Ω33	7°27	10°44	20°33	19°43	28°35	3°49	19°44	17°54	23° 7	23°28	19°57	0° 4	F 19
S 20	13 54 11	0°B25'14"	14°42	7°35	11°58	20°47	19°54	28°30	3°52	19°46	17°54	23° 7	23°25	20° 4	0° 3	S 20
S 21	13 58 7	1°24'11"	27°32	7°48	13°12	21° 1	20° 6	28°25	3°56	19°48	17°54	23° 4	23°22	20°11	0° 2	S 21
M22	14 2 4	2°23'06"	10°Π 7	8° 6	14°26	21°15	20°17	28°21	3°59	19°50	17°54	23° 0	23°19	20°17	0° 1	M22
T 23	14 6 0	3°21'58"	22°31	8°29	15°40	21°31	20°29	28°16	4° 3	19°53	17°54	22°52	23°16	20°24	29°J59	T 23
W24	14 9 57	4°20'49"	4°Δ45	8°56	16°54	21°46	20°40	28°12	4° 6	19°55	17°53	22°42	23°12	20°31	29°59	W24
T 25	14 13 53	5°19'37"	16°51	9°28	18° 8	22° 2	20°52	28° 7	4°10	19°57	17°53	22°29	23° 9	20°38	29°57	T 25
F 26	14 17 50	6°18'23"	28°52	10° 4	19°21	22°19	21° 4	28° 2	4°13	19°59	17°53	22°16	23° 6	20°44	29°56	F 26
S 27	14 21 47	7°17'07"	10°M48	10°43	20°35	22°36	21°15	27°58	4°16	20° 1	17°53	22° 2	23° 3	20°51	29°54	S 27
S 28	14 25 43	8°15'49"	22°41	11°26	21°49	22°53	21°27	27°53	4°20	20° 4	17°53	21°50	23° 0	20°58	29°52	S 28
M29	14 29 40	9°14'30"	4°J32	12°13	23° 3	23°11	21°39	27°49	4°23	20° 6	17°53	21°39	22°56	21° 4	29°51	M29
T 30	14 33 36	10°B13'09"	16°J22	13°Υ 4	24°Υ17	23°Ω29	21°II51	27°Δ44	4°B27	20°Υ 8	17°D53	21°Ω32	22°Ω53	21°M11	29°J49	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	4n35	14s58	4n18	10n 4	3n24	5s43	1s18	18n29	3n17	22n16	0s25	8s51	2n44	11n55	0s31	6n 7
T 2	4 58	17 53	3 40	9 43	3 20	5 15	1 19	18 26	3 14	22 17	0 25	8 49	2 44	11 56	0 31	6 7
W 3	5 22	20 4	2 53	9 18	3 13	4 47	1 20	18 23	3 12	22 18	0 25	8 48	2 44	11 57	0 31	6 8
T 4	5 44	21 23	1 58	8 51	3 5	4 19	1 22	18 19	3 10	22 19	0 25	8 46	2 44	11 58	0 31	6 9
F 5	6 7	21 43	0 56	8 21	2 56	3 51	1 23	18 15	3 8	22 20	0 24	8 45	2 44	11 59	0 31	6 10
S 6	6 30	21 0	0s 9	7 51	2 44	3 23	1 24	18 11	3 5	22 21	0 24	8 43	2 44	12 1	0 31	6 11
S 7	6 53	19 11	1 16	7 19	2 32	2 55	1 25	18 7	3 3	22 22	0 24	8 41	2 44	12 2	0 31	6 12
M 8	7 15	16 18	2 21	6 47	2 18	2 26	1 26	18 3	3 1	22 23	0 24	8 40	2 44	12 3	0 31	6 13
T 9	7 38	12 25	3 21	6 15	2 4	1 58	1 27	17 58	2 58	22 25	0 24	8 38	2 45	12 4	0 31	6 13
W10	8 0	7 44	4 10	5 43	1 48	1 29	1 28	17 54	2 56	22 26	0 24	8 36	2 45	12 5	0 31	6 14
T 11	8 22	2 28	4 44	5 13	1 33	1 1	1 28	17 49	2 54	22 27	0 23	8 35	2 45	12 6	0 31	6 15
F 12	8 44	3n 4	4 59	4 45	1 17	0 32	1 29	17 44	2 52	22 28	0 23	8 33	2 45	12 8	0 31	6 16
S 13	9 6	8 29	4 54	4 18	1 0	0 3	1 30	17 39	2 50	22 29	0 23	8 31	2 45	12 9	0 31	6 17
S 14	9 28	13 23	4 29	3 54	0 44	0n26	1 30	17 33	2 48	22 30	0 23	8 30	2 45	12 10	0 31	6 18
M15	9 49	17 23	3 44	3 31	0 28	0 54	1 31	17 28	2 45	22 31	0 23	8 28	2 45	12 11	0 31	6 18
T 16	10 11	20 12	2 46	3 11	0 13	1 23	1 31	17 22	2 43	22 32	0 23	8 26	2 45	12 12	0 31	6 19
W17	10 32	21 39	1 38	2 54	0s 3	1 52	1 31	17 16	2 41	22 33	0 23	8 25	2 45	12 13	0 31	6 20
T 18	10 53	21 42	0 27	2 40	0 17	2 21	1 32	17 10	2 39	22 34	0 22	8 23	2 45	12 14	0 31	6 21
F 19	11 14	20 28	0n44	2 28	0 32	2 49	1 32	17 4	2 37	22 35	0 22	8 22	2 45	12 16	0 31	6 22
S 20	11 35	18 8	1 51	2 18	0 45	3 18	1 32	16 58	2 35	22 36	0 22	8 20	2 45	12 17	0 31	6 23
S 21	11 55	14 58	2 51	2 11	0 58	3 47	1 32	16 51	2 33	22 37	0 22	8 18	2 45	12 18	0 31	6 23
M22	12 15	11 9	3 41	2 7	1 11	4 15	1 32	16 45	2 31	22 38	0 22	8 17	2 45	12 19	0 31	6 24
T 23	12 35	6 56	4 20	2 5	1 23	4 44	1 32	16 38	2 29	22 39	0 22	8 15	2 45	12 20	0 31	6 25
W24	12 55	2 30	4 46	2 6	1 34	5 12	1 32	16 31	2 27	22 40	0 22	8 13	2 45	12 21	0 31	6 26
T 25	13 15	2s 0	4 59	2 9	1 44	5 40	1 31	16 24	2 25	22 41	0 21	8 12	2 45	12 23	0 31	6 27
F 26	13 34	6 23	4 58	2 14	1 53	6 8	1 31	16 17	2 23	22 42	0 21	8 10	2 45	12 24	0 31	6 28
S 27	13 54	10 30	4 45	2 21	2 2	6 36	1 31	16 10	2 22	22 43	0 21	8 9	2 45	12 25	0 31	6 28
S 28	14 12	14 12	4 19	2 30	2 10	7 4	1 30	16 2	2 20	22 44	0 21	8 7	2 45	12 26	0 31	6 29
M29	14 31	17 20	3 41	2 42	2 18	7 32	1 30	15 55	2 18	22 44	0 21	8 6	2 45	12 27	0 31	6 30
T 30	14n50	19s46	2n54	2n55	2s25	8n 0	1s29	15n47	2n16	22n45	0s21	8s 4	2n45	12n28	0s31	6n31

Julian Day Number = 2703287.5, Delta T = 26m26s

Ecliptic obliquity = 23°20'56", Nutation = - 0°00'17"

Ayanamsha: Fagan/Bradley = 34°22'57", Lahiri = 33°29'57"

## ASTRODIENST EPHEMERIS for the year 2689

MAY 2689

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	14 37 33	11♈11'46	28♌16	13♍57	25♎31	23♏47	22♐ 3	27°R40	4♑30	20♒10	17♓53	21°R27	22♈50	21♉18	29°R47	W 1
T 2	14 41 29	12°10'21	10♈16	14°54	26°45	24° 6	22°16	27♈35	4°34	20°12	17°53	21♈24	22°47	21°24	29♈45	T 2
F 3	14 45 26	13° 8'54	22°26	15°53	27°59	24°25	22°28	27°31	4°37	20°14	17°53	21°D24	22°44	21°31	29°43	F 3
S 4	14 49 22	14° 7'26	4♈51	16°55	29°13	24°45	22°40	27°26	4°40	20°17	17°53	21°24	22°41	21°38	29°40	S 4
S 5	14 53 19	15° 5'57	17°36	18° 0	0♈27	25° 5	22°53	27°22	4°44	20°19	17°53	21°R24	22°37	21°45	29°38	S 5
M 6	14 57 16	16° 4'26	0♈45	19° 8	1°40	25°25	23° 5	27°18	4°47	20°21	17°53	21°23	22°34	21°51	29°36	M 6
T 7	15 1 12	17° 2'53	14°22	20°18	2°54	25°46	23°17	27°14	4°50	20°23	17°54	21°20	22°31	21°58	29°33	T 7
W 8	15 5 9	18° 1'19	28°28	21°31	4° 8	26° 7	23°30	27° 9	4°54	20°25	17°54	21°15	22°28	22° 5	29°31	W 8
T 9	15 9 5	18°59'43	13♍ 2	22°46	5°22	26°28	23°43	27° 5	4°57	20°27	17°54	21° 8	22°25	22°11	29°28	T 9
F 10	15 13 2	19°58'05	28° 0	24° 3	6°36	26°50	23°55	27° 1	5° 1	20°29	17°54	20°59	22°22	22°18	29°26	F 10
S 11	15 16 58	20°56'26	13♈14	25°22	7°50	27°12	24° 8	26°57	5° 4	20°31	17°55	20°50	22°18	22°25	29°23	S 11
S 12	15 20 55	21°54'45	28°32	26°44	9° 4	27°34	24°21	26°53	5° 7	20°33	17°55	20°41	22°15	22°32	29°20	S 12
M13	15 24 51	22°53'03	13♈44	28° 8	10°18	27°57	24°34	26°49	5°11	20°35	17°55	20°35	22°12	22°38	29°17	M13
T 14	15 28 48	23°51'18	28°40	29°34	11°31	28°20	24°46	26°45	5°14	20°37	17°56	20°31	22° 9	22°45	29°14	T 14
W15	15 32 45	24°49'32	13♈13	1♈ 1	12°45	28°43	24°59	26°41	5°17	20°39	17°56	20°29	22° 6	22°52	29°11	W15
T 16	15 36 41	25°47'44	27°18	2°31	13°59	29° 7	25°12	26°38	5°20	20°41	17°56	20°D29	22° 2	22°58	29° 8	T 16
F 17	15 40 38	26°45'54	10♈17	4° 3	15°13	29°30	25°25	26°34	5°24	20°43	17°57	20°30	21°59	23° 5	29° 5	F 17
S 18	15 44 34	27°44'02	24°10	5°37	16°27	29°54	25°38	26°30	5°27	20°45	17°57	20°R30	21°56	23°12	29° 1	S 18
S 19	15 48 31	28°42'08	7♎ 0	7°13	17°40	0♎19	25°52	26°27	5°30	20°47	17°58	20°30	21°53	23°18	28°58	S 19
M20	15 52 27	29°40'12	19°32	8°51	18°54	0°43	26° 5	26°23	5°33	20°49	17°58	20°28	21°50	23°25	28°55	M20
T 21	15 56 24	0♎38'14	1♈49	10°31	20° 8	1° 8	26°18	26°20	5°37	20°50	17°59	20°24	21°47	23°32	28°51	T 21
W22	16 0 20	1°36'14	13°56	12°13	21°22	1°33	26°31	26°16	5°40	20°52	17°59	20°18	21°43	23°39	28°48	W22
T 23	16 4 17	2°34'13	25°55	13°57	22°36	1°59	26°44	26°13	5°43	20°54	18° 0	20°10	21°40	23°45	28°44	T 23
F 24	16 8 14	3°32'10	7♎50	15°42	23°49	2°24	26°58	26°10	5°46	20°56	18° 1	20° 1	21°37	23°52	28°41	F 24
S 25	16 12 10	4°30'05	19°42	17°30	25° 3	2°50	27°11	26° 7	5°49	20°58	18° 1	19°53	21°34	23°59	28°37	S 25
S 26	16 16 7	5°27'59	1♈33	19°20	26°17	3°16	27°24	26° 4	5°52	20°59	18° 2	19°45	21°31	24° 5	28°34	S 26
M27	16 20 3	6°25'51	13°25	21°12	27°31	3°42	27°38	26° 1	5°55	21° 1	18° 3	19°38	21°28	24°12	28°30	M27
T 28	16 24 0	7°23'42	25°20	23° 6	28°44	4° 9	27°51	25°58	5°58	21° 3	18° 3	19°33	21°24	24°19	28°26	T 28
W29	16 27 56	8°21'31	7♈20	25° 1	29°58	4°36	28° 5	25°55	6° 1	21° 5	18° 4	19°31	21°21	24°25	28°22	W29
T 30	16 31 53	9°19'20	19°27	26°59	1♎12	5° 2	28°18	25°52	6° 4	21° 6	18° 5	19°D30	21°18	24°32	28°18	T 30
F 31	16 35 50	10♎17'07	1♈44	28♈59	2♎26	5♎30	28♎32	25♈49	6♈ 7	21♎ 8	18♈ 6	19♈30	21♈15	24♎39	28♈14	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	15n 8	21s21	2n 0	3n10	2s31	8n27	1s29	15n39	2n14	22n46	0s21	8s 2	2n44	12n30	0s31	6n 4
T 2	15 26	21 59	0 59	3 26	2 36	8 54	1 28	15 31	2 12	22 47	0 20	8 1	2 44	12 31	0 31	6 4
F 3	15 44	21 35	0s 6	3 45	2 41	9 21	1 27	15 23	2 11	22 48	0 20	7 59	2 44	12 32	0 31	6 5
S 4	16 1	20 8	1 11	4 5	2 45	9 48	1 27	15 15	2 9	22 49	0 20	7 58	2 44	12 33	0 31	6 5
S 5	16 18	17 38	2 15	4 26	2 49	10 15	1 26	15 6	2 7	22 49	0 20	7 57	2 44	12 34	0 31	6 6
M 6	16 35	14 11	3 14	4 49	2 52	10 41	1 25	14 58	2 5	22 50	0 20	7 55	2 44	12 35	0 31	6 7
T 7	16 52	9 53	4 3	5 13	2 54	11 7	1 24	14 49	2 4	22 51	0 20	7 54	2 44	12 36	0 31	6 7
W 8	17 8	4 54	4 41	5 39	2 55	11 33	1 23	14 41	2 2	22 52	0 20	7 52	2 44	12 37	0 31	6 8
T 9	17 24	0n30	5 1	6 5	2 56	11 59	1 22	14 32	2 0	22 52	0 20	7 51	2 44	12 39	0 31	6 8
F 10	17 40	6 1	5 2	6 33	2 57	12 24	1 21	14 23	1 59	22 53	0 19	7 50	2 44	12 40	0 31	6 9
S 11	17 55	11 16	4 41	7 2	2 57	12 49	1 19	14 14	1 57	22 54	0 19	7 48	2 44	12 41	0 31	6 9
S 12	18 11	15 50	4 1	7 32	2 56	13 14	1 18	14 5	1 55	22 55	0 19	7 47	2 43	12 42	0 31	6 10
M13	18 25	19 20	3 3	8 3	2 54	13 38	1 17	13 55	1 54	22 55	0 19	7 46	2 43	12 43	0 31	6 11
T 14	18 40	21 26	1 54	8 35	2 52	14 2	1 15	13 46	1 52	22 56	0 19	7 44	2 43	12 44	0 31	6 11
W15	18 54	22 32	0 39	9 8	2 50	14 26	1 14	13 36	1 51	22 56	0 19	7 43	2 43	12 45	0 31	6 12
T 16	19 8	21 13	0n37	9 41	2 47	14 49	1 13	13 27	1 49	22 57	0 19	7 42	2 43	12 46	0 31	6 12
F 17	19 22	19 9	1 48	10 16	2 43	15 12	1 11	13 17	1 48	22 58	0 19	7 41	2 43	12 47	0 31	6 13
S 18	19 35	16 6	2 51	10 51	2 39	15 35	1 9	13 7	1 46	22 58	0 18	7 40	2 43	12 48	0 31	6 13
S 19	19 48	12 22	3 43	11 26	2 34	15 57	1 8	12 57	1 44	22 59	0 18	7 38	2 42	12 50	0 31	6 14
M20	20 0	8 10	4 24	12 2	2 29	16 19	1 6	12 47	1 43	22 59	0 18	7 37	2 42	12 51	0 31	6 14
T 21	20 12	3 44	4 51	12 39	2 24	16 41	1 4	12 37	1 42	23 0	0 18	7 36	2 42	12 52	0 31	6 15
W22	20 24	0s47	5 5	13 16	2 17	17 2	1 3	12 26	1 40	23 0	0 18	7 35	2 42	12 53	0 31	6 15
T 23	20 36	5 14	5 5	13 53	2 11	17 22	1 1	12 16	1 39	23 1	0 18	7 34	2 42	12 54	0 31	6 16
F 24	20 47	9 27	4 53	14 30	2 4	17 42	0 59	12 5	1 37	23 1	0 18	7 33	2 42	12 55	0 31	6 16
S 25	20 58	13 18	4 27	15 8	1 56	18 2	0 57	11 55	1 36	23 1	0 18	7 32	2 41	12 56	0 31	6 16
S 26	21 8	16 38	3 50	15 46	1 48	18 21	0 55	11 44	1 34	23 2	0 18	7 31	2 41	12 57	0 31	6 17
M27	21 18	19 18	3 3	16 23	1 40	18 40	0 53	11 33	1 33	23 2	0 17	7 30	2 41	12 58	0 31	6 17
T 28	21 28	21 9	2 7	17 1	1 31	18 58	0 51	11 22	1 32	23 3	0 17	7 30	2 41	12 59	0 31	6 18
W29	21 37	22 3	1 6	17 38	1 21	19 16	0 49	11 11	1 30	23 3	0 17	7 29	2 41	13 0	0 31	6 18
T 30	21 46	21 56	0 0	18 15	1 12	19 33	0 47	11 0	1 29	23 3	0 17	7 28	2 40	13 1	0 31	6 18
F 31	21n54	20s46	1s 6	18n51	1s 2	19n50	0s45	10n49	1n28	23n 3	0s17	7s27	2n40	13n 2	0s31	6n19

Julian Day Number = 2703317.5, Delta T = 26m26s

Ecliptic obliquity = 23°20'56, Nutation = - 0°00'17

Ayanamsha: Fagan/Bradley = 34°23'01, Lahiri = 33°30'01

## ASTRODIENST EPHEMERIS for the year 2689

JUNE 2689

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 39 46	11II14'53	14II15	1II 0	3II39	5II57	28II45	25°R47	6II10	21°V10	18II 7	19II32	21II12	24II46	28°R11	S 1
S 2	16 43 43	12°12'38	27° 2	3° 3	4°53	6°24	28°59	25°44	6°13	21°11	18° 7	19°33	21° 8	24°52	28° 7	S 2
M 3	16 47 39	13°10'21	10°11	5° 8	6° 7	6°52	29°13	25°42	6°16	21°13	18° 8	19°R34	21° 5	24°59	28° 3	M 3
T 4	16 51 36	14° 8'04	23°42	7°15	7°21	7°20	29°26	25°40	6°19	21°14	18° 9	19°34	21° 2	25° 6	27°59	T 4
W 5	16 55 32	15° 5'46	7°V39	9°22	8°34	7°48	29°40	25°37	6°22	21°16	18°10	19°32	20°59	25°12	27°55	W 5
T 6	16 59 29	16° 3'27	22° 1	11°32	9°48	8°16	29°53	25°35	6°25	21°17	18°11	19°29	20°56	25°19	27°50	T 6
F 7	17 3 25	17° 1'07	6°II45	13°42	11° 2	8°45	0°II 7	25°33	6°28	21°19	18°12	19°25	20°53	25°26	27°46	F 7
S 8	17 7 22	17°58'46	21°45	15°53	12°16	9°14	0°21	25°31	6°30	21°20	18°13	19°20	20°49	25°32	27°42	S 8
S 9	17 11 19	18°56'24	6°II54	18° 5	13°29	9°42	0°35	25°29	6°33	21°22	18°14	19°16	20°46	25°39	27°38	S 9
M10	17 15 15	19°54'01	22° 1	20°17	14°43	10°11	0°48	25°28	6°36	21°23	18°15	19°13	20°43	25°46	27°34	M10
T 11	17 19 12	20°51'37	6°II57	22°29	15°57	10°41	1° 2	25°26	6°39	21°24	18°16	19°11	20°40	25°53	27°30	T 11
W12	17 23 8	21°49'11	21°34	24°41	17°10	11°10	1°16	25°24	6°41	21°26	18°17	19°D11	20°37	25°59	27°25	W12
T 13	17 27 5	22°46'45	5°II47	26°52	18°24	11°40	1°30	25°23	6°44	21°27	18°18	19°11	20°34	26° 6	27°21	T 13
F 14	17 31 1	23°44'17	19°33	29° 3	19°38	12° 9	1°44	25°22	6°46	21°28	18°19	19°13	20°30	26°13	27°17	F 14
S 15	17 34 58	24°41'48	2°II53	19°13	20°52	12°39	1°57	25°20	6°49	21°30	18°20	19°14	20°27	26°19	27°13	S 15
S 16	17 38 54	25°39'18	15°49	3°22	22° 5	13° 9	2°11	25°19	6°52	21°31	18°22	19°15	20°24	26°26	27° 9	S 16
M17	17 42 51	26°36'46	28°23	5°29	23°19	13°40	2°25	25°18	6°54	21°32	18°23	19°R16	20°21	26°33	27° 4	M17
T 18	17 46 48	27°34'14	10°II41	7°34	24°33	14°10	2°39	25°17	6°56	21°33	18°24	19°15	20°18	26°39	27° 0	T 18
W19	17 50 44	28°31'40	22°46	9°38	25°46	14°40	2°53	25°16	6°59	21°34	18°25	19°13	20°14	26°46	26°56	W19
T 20	17 54 41	29°29'05	4°II43	11°40	27° 0	15°11	3° 6	25°15	7° 1	21°36	18°26	19°11	20°11	26°53	26°52	T 20
F 21	17 58 37	0°II26'29	16°35	13°39	28°14	15°42	3°20	25°15	7° 4	21°37	18°28	19° 8	20° 8	27° 0	26°48	F 21
S 22	18 2 34	1°23'52	28°25	15°37	29°28	16°13	3°34	25°14	7° 6	21°38	18°29	19° 5	20° 5	27° 6	26°43	S 22
S 23	18 6 30	2°21'14	10°II18	17°32	0°II41	16°44	3°48	25°14	7° 8	21°39	18°30	19° 3	20° 2	27°13	26°39	S 23
M24	18 10 27	3°18'36	22°14	19°25	1°55	17°15	4° 2	25°13	7°11	21°40	18°32	19° 1	19°59	27°20	26°35	M24
T 25	18 14 23	4°15'56	4°II17	21°16	3° 9	17°46	4°16	25°13	7°13	21°41	18°33	19° 0	19°55	27°26	26°31	T 25
W26	18 18 20	5°13'16	16°27	23° 4	4°22	18°18	4°30	25°13	7°15	21°42	18°34	18°D59	19°52	27°33	26°27	W26
T 27	18 22 17	6°10'36	28°47	24°50	5°36	18°50	4°43	25°D13	7°17	21°43	18°36	18°59	19°49	27°40	26°23	T 27
F 28	18 26 13	7° 7'55	11°II19	26°33	6°50	19°21	4°57	25°13	7°19	21°43	18°37	19° 0	19°46	27°46	26°18	F 28
S 29	18 30 10	8° 5'13	24° 4	28°14	8° 4	19°53	5°11	25°13	7°21	21°44	18°38	19° 1	19°43	27°53	26°14	S 29
S 30	18 34 6	9°II 2'31	7°II 3	29°II53	9°II17	20°II25	5°II25	25°II13	7°II23	21°V45	18°II40	19°II 2	19°II40	28°II 0	26°II10	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	22n 3	18s35	2s11	19n26	0s52	20n 6	0s43	10n38	1n26	23n 4	0s17	7s26	2n40	13n 3	0s31	6n53	1s27	20n58	5n55	21n56	21n41	14s43	17s 1	6n19			
S 2	22 10	15 26	3 10	20 0	0 42	20 22	0 41	10 27	1 25	23 4	0 17	7 26	2 40	13 4	0 31	6 53	1 27	20 58	5 55	21 56	21 42	14 45	17 1	6 19			
M 3	22 18	11 27	4 1	20 34	0 31	20 37	0 39	10 15	1 24	23 4	0 17	7 25	2 40	13 5	0 31	6 54	1 27	20 58	5 55	21 56	21 42	14 47	17 0	6 20			
T 4	22 25	6 48	4 41	21 6	0 21	20 51	0 36	10 4	1 22	23 4	0 17	7 24	2 39	13 6	0 31	6 54	1 27	20 57	5 55	21 56	21 43	14 49	17 0	6 20			
W 5	22 31	1 39	5 5	21 36	0 10	21 5	0 34	9 52	1 21	23 4	0 16	7 24	2 39	13 6	0 31	6 55	1 27	20 57	5 55	21 56	21 43	14 51	17 0	6 20			
T 6	22 37	3n43	5 12	22 5	0n 1	21 19	0 32	9 40	1 20	23 5	0 16	7 23	2 39	13 7	0 31	6 55	1 27	20 57	5 55	21 56	21 44	14 53	16 59	6 21			
F 7	22 43	9 1	4 58	22 33	0 11	21 31	0 30	9 28	1 18	23 5	0 16	7 23	2 39	13 8	0 31	6 56	1 27	20 56	5 55	21 57	21 44	14 55	16 59	6 21			
S 8	22 48	13 53	4 24	22 58	0 22	21 43	0 27	9 16	1 17	23 5	0 16	7 22	2 38	13 9	0 31	6 56	1 27	20 56	5 55	21 58	21 45	14 58	16 59	6 21			
S 9	22 53	17 55	3 31	23 21	0 32	21 55	0 25	9 4	1 16	23 5	0 16	7 22	2 38	13 10	0 31	6 57	1 27	20 56	5 55	21 58	21 45	15 0	16 58	6 21			
M10	22 58	20 43	2 23	23 41	0 42	22 6	0 23	8 52	1 15	23 5	0 16	7 21	2 38	13 11	0 31	6 57	1 27	20 55	5 55	21 59	21 46	15 2	16 58	6 22			
T 11	23 2	22 4	1 7	23 59	0 51	22 16	0 20	8 40	1 14	23 5	0 16	7 21	2 38	13 12	0 31	6 58	1 27	20 55	5 55	21 59	21 46	15 4	16 58	6 22			
W12	23 6	21 51	0n13	24 15	1 0	22 26	0 18	8 28	1 12	23 5	0 16	7 21	2 37	13 13	0 31	6 58	1 27	20 54	5 55	21 59	21 46	15 6	16 57	6 22			
T 13	23 9	20 13	1 30	24 28	1 9	22 35	0 16	8 16	1 11	23 5	0 16	7 20	2 37	13 14	0 31	6 59	1 28	20 54	5 55	21 59	21 47	15 8	16 57	6 22			
F 14	23 12	17 25	2 39	24 38	1 17	22 43	0 13	8 3	1 10	23 5	0 16	7 20	2 37	13 14	0 31	6 59	1 28	20 54	5 54	21 59	21 47	15 10	16 57	6 23			
S 15	23 15	13 47	3 38	24 45	1 25	22 51	0 11	7 51	1 9	23 5	0 15	7 20	2 37	13 15	0 31	7 0	1 28	20 53	5 54	21 58	21 48	15 12	16 57	6 23			
S 16	23 17	9 37	4 23	24 50	1 31	22 58	0 9	7 38	1 8	23 5	0 15	7 20	2 37	13 16	0 31	7 0	1 28	20 53	5 54	21 58	21 48	15 14	16 56	6 23			
M17	23 18	5 8	4 54	24 52	1 38	23 5	0 6	7 26	1 6	23 4	0 15	7 19	2 36	13 17	0 31	7 0	1 28	20 52	5 54	21 58	21 49	15 16	16 56	6 23			
T 18	23 20	0 34	5 11	24 51	1 43	23 10	0 4	7 13	1 5	23 4	0 15	7 19	2 36	13 18	0 31	7 1	1 28	20 52	5 54	21 58	21 49	15 18	16 56	6 23			
W19	23 20	3s57	5 14	24 47	1 48	23 15	0 1	7 0	1 4	23 4	0 15	7 19	2 36	13 18	0 31	7 1	1 28	20 51	5 54	21 59	21 50	15 20	16 56	6 23			
T 20	23 21	8 16	5 3	24 42	1 52	23 20	0n 1	6 47	1 3	23 4	0 15	7 19	2 36	13 19	0 31	7 2	1 28	20 51	5 54	21 59	21 50	15 22	16 55	6 23			
F 21	23 21	12 15	4 40	24 33	1 55	23 24	0 3	6 34	1 2	23 4	0 15	7 19	2 35	13 20	0 31	7 2	1 28	20 51	5 54	21 59	21 51	15 24	16 55	6 24			
S 22	23 20	15 46	4 4	24 23	1 57	23 27	0 6	6 21	1 1	23 3	0 15	7 19	2 35	13 21	0 31	7 2	1 28	20 50	5 54	22 0	21 51	15 26	16 55	6 24			
S 23	23 20	18 39	3 18	24 10	1 59	23 29	0 8	6 8	1 0	23 3	0 15	7 19	2 35	13 21	0 31	7 3	1 28	20 50	5 54	22 0	21 52	15 28	16 55	6 24			
M24	23 18	20 45	2 23	23 55	2 0	23 31	0 10	5 55	0 59	23 3	0 15	7 19	2 35	13 22	0 31	7 3	1 28	20 49	5 54	22 0	21 52	15 30	16 55	6 24			
T 25	23 17	21 56	1 20	23 39	2 0	23 31	0 13	5 42	0 58	23 2	0 15	7 19	2 34	13 23	0 31	7 3	1 28	20 49	5 54	22 1	21 53	15 32	16 54	6 24			
W26	23 15	22 6	0 14	23 21	1 59	23 32	0 15	5 29	0 56	23 2	0 14	7 20	2 34	13 23	0 31	7 4	1 28	20 48	5 54	22 1	21 53	15 34	16 54	6 24			
T 27	23 12	21 12	0s54	23 1	1 58	23 31	0 17	5 15	0 55	23 2	0 14	7 20	2 34	13 24	0 31	7 4	1 28	20 48	5 54	22 1	21 54	15 36	16 54	6 24			
F 28	23 9	19 15	2 1	22 40	1 56	23 30	0 20	5 2	0 54	23 1	0 14	7 20	2 33	13 25	0 31	7 4	1 28	20 47	5 54	22 0	21 54	15 38	16 54	6 24			
S 29	23 6	16 19	3 2	22 17	1 53	23 28	0 22	4 48	0 53	23 1	0 14	7 20	2 33	13 25	0 31	7 4	1 28	20 47	5 54	22 0	21 54	15 40	16 54	6 24			
S 30	23n 2	12s32	3s56	21n53	1n50	23n26	0n24	4n35	0n52	23n 0	0s14	7s21	2n33	13n26	0s31	7n 5	1s28	20n46	5n54	22n 0	21n55	15s42	16s54	6n24			

# ASTRODIENST EPHEMERIS for the year 2689

JULY 2689

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	18 38 3	9 <sup>55</sup> 59'49	20 <sup>11</sup> 19	1 <sup>12</sup> 29	10 <sup>53</sup> 31	20 <sup>11</sup> 57	5 <sup>53</sup> 39	25 <sup>51</sup> 13	7 <sup>25</sup> 25	21 <sup>17</sup> 46	18 <sup>50</sup> 41	19 <sup>53</sup> 3	19 <sup>53</sup> 36	28 <sup>11</sup> 6	26 <sup>19</sup> 6	M 1
T 2	18 41 59	10 <sup>57</sup> 06	3 <sup>17</sup> 52	3° 2	11 <sup>45</sup>	21 <sup>30</sup>	5°53	25°14	7°27	21°47	18°43	19° 3	19°33	28°13	26 <sup>17</sup> 2	T 2
W 3	18 45 56	11°54'24	17°45	4°33	12°59	22° 2	6° 6	25°14	7°29	21°47	18°44	19°R 3	19°30	28°20	25°58	W 3
T 4	18 49 52	12°51'41	1 <sup>18</sup> 55	6° 2	14°12	22°34	6°20	25°15	7°31	21°48	18°45	19° 3	19°27	28°27	25°54	T 4
F 5	18 53 49	13°48'58	16°22	7°28	15°26	23° 7	6°34	25°16	7°33	21°49	18°47	19° 2	19°24	28°33	25°51	F 5
S 6	18 57 46	14°46'15	1 <sup>11</sup> 1	8°51	16°40	23°40	6°48	25°16	7°35	21°49	18°48	19° 2	19°20	28°40	25°47	S 6
S 7	19 1 42	15°43'33	15°48	10°12	17°54	24°13	7° 1	25°17	7°36	21°50	18°50	19° 1	19°17	28°47	25°43	S 7
M 8	19 5 39	16°40'50	0 <sup>53</sup> 36	11°31	19° 7	24°46	7°15	25°18	7°38	21°51	18°51	19° 1	19°14	28°53	25°39	M 8
T 9	19 9 35	17°38'06	15°17	12°46	20°21	25°19	7°29	25°19	7°40	21°51	18°53	19°D 1	19°11	29° 0	25°35	T 9
W10	19 13 32	18°35'23	29°45	13°59	21°35	25°52	7°43	25°21	7°41	21°52	18°55	19°R 1	19° 8	29° 7	25°32	W10
T 11	19 17 28	19°32'39	13 <sup>13</sup> 54	15° 9	22°49	26°25	7°56	25°22	7°43	21°52	18°56	19° 1	19° 5	29°13	25°28	T 11
F 12	19 21 25	20°29'55	27°41	16°16	24° 2	26°59	8°10	25°23	7°44	21°53	18°58	19° 1	19° 1	29°20	25°25	F 12
S 13	19 25 21	21°27'11	11 <sup>11</sup> 4	17°20	25°16	27°33	8°24	25°25	7°46	21°53	18°59	19° 1	18°58	29°27	25°21	S 13
S 14	19 29 18	22°24'26	24° 4	18°22	26°30	28° 6	8°37	25°27	7°47	21°53	19° 1	19° 0	18°55	29°33	25°18	S 14
M15	19 33 15	23°21'41	6 <sup>12</sup> 42	19°20	27°44	28°40	8°51	25°28	7°49	21°54	19° 2	19° 0	18°52	29°40	25°14	M15
T 16	19 37 11	24°18'55	19° 2	20°14	28°58	29°14	9° 4	25°30	7°50	21°54	19° 4	19°D 0	18°49	29°47	25°11	T 16
W17	19 41 8	25°16'09	1 <sup>11</sup> 8	21° 6	0 <sup>11</sup> 11	29°48	9°18	25°32	7°51	21°54	19° 6	19° 0	18°46	29°54	25° 7	W17
T 18	19 45 4	26°13'23	13° 5	21°54	1°25	0 <sup>12</sup> 22	9°32	25°34	7°53	21°54	19° 7	19° 0	18°42	0 <sup>12</sup> 0	25° 4	T 18
F 19	19 49 1	27°10'37	24°57	22°38	2°39	0°56	9°45	25°36	7°54	21°55	19° 9	19° 1	18°39	0° 7	25° 1	F 19
S 20	19 52 57	28° 7'51	6 <sup>17</sup> 48	23°19	3°53	1°31	9°58	25°38	7°55	21°55	19°11	19° 2	18°36	0°14	24°58	S 20
S 21	19 56 54	29° 5'05	18°43	23°56	5° 7	2° 5	10°12	25°41	7°56	21°55	19°12	19° 3	18°33	0°20	24°55	S 21
M22	20 0 50	0 <sup>12</sup> 18	0 <sup>13</sup> 44	24°29	6°20	2°39	10°25	25°43	7°57	21°55	19°14	19° 4	18°30	0°27	24°52	M22
T 23	20 4 47	0°59'32	12°56	24°57	7°34	3°14	10°39	25°45	7°58	21°55	19°16	19°R 4	18°26	0°34	24°49	T 23
W24	20 8 44	1°56'46	25°19	25°22	8°48	3°49	10°52	25°48	7°59	21°55	19°17	19° 4	18°23	0°40	24°46	W24
T 25	20 12 40	2°54'00	7 <sup>18</sup> 56	25°42	10° 2	4°24	11° 5	25°51	8° 0	21°R55	19°19	19° 3	18°20	0°47	24°43	T 25
F 26	20 16 37	3°51'14	20°48	25°57	11°16	4°58	11°19	25°53	8° 1	21°55	19°21	19° 2	18°17	0°54	24°41	F 26
S 27	20 20 33	4°48'29	3 <sup>11</sup> 54	26° 8	12°29	5°33	11°32	25°56	8° 2	21°55	19°22	19° 0	18°14	1° 0	24°38	S 27
S 28	20 24 30	5°45'44	17°14	26°14	13°43	6° 9	11°45	25°59	8° 3	21°55	19°24	18°58	18°11	1° 7	24°36	S 28
M29	20 28 26	6°42'59	0 <sup>17</sup> 47	26°R16	14°57	6°44	11°58	26° 2	8° 3	21°55	19°26	18°56	18° 7	1°14	24°33	M29
T 30	20 32 23	7°40'16	14°33	26°12	16°11	7°19	12°11	26° 5	8° 4	21°55	19°28	18°54	18° 4	1°20	24°31	T 30
W31	20 36 19	8 <sup>13</sup> 37'32	28 <sup>17</sup> 29	26 <sup>12</sup> 4	17 <sup>12</sup> 25	7 <sup>12</sup> 54	12 <sup>12</sup> 24	26 <sup>12</sup> 8	8 <sup>12</sup> 5	21 <sup>17</sup> 55	19 <sup>12</sup> 29	18 <sup>53</sup>	18 <sup>53</sup> 1	1 <sup>12</sup> 27	24 <sup>12</sup> 28	W31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈	♉	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	22n58	8s 5	4s38	21n28	1n45	23n23	0n27	4n21	0n51	23n 0	0s14	7s21	2n33	13n27	0s31	7n 5	1s28	20n46	5n54	22n 0	21n55	15s44	16s24
T 2	22 54	3 9	5 6	21 2	1 41	23 19	0 29	4 8	0 50	22 59	0 14	7 21	2 32	13 27	0 31	7 5	1 28	20 46	5 54	22 0	21 56	15 46	16 54
W 3	22 49	2n 3	5 17	20 35	1 35	23 14	0 31	3 54	0 49	22 59	0 14	7 22	2 32	13 28	0 31	7 5	1 29	20 45	5 54	22 0	21 56	15 48	16 54
T 4	22 44	7 15	5 9	20 8	1 29	23 9	0 33	3 40	0 48	22 58	0 14	7 22	2 32	13 29	0 31	7 6	1 29	20 45	5 54	22 0	21 57	15 50	16 54
F 5	22 38	12 10	4 42	19 40	1 22	23 3	0 36	3 27	0 47	22 58	0 14	7 23	2 32	13 29	0 31	7 6	1 29	20 44	5 54	22 0	21 57	15 52	16 53
S 6	22 32	16 26	3 56	19 11	1 15	22 56	0 38	3 13	0 46	22 57	0 13	7 23	2 31	13 30	0 31	7 6	1 29	20 44	5 54	22 0	21 58	15 54	16 53
S 7	22 26	19 43	2 54	18 42	1 7	22 49	0 40	2 59	0 45	22 56	0 13	7 24	2 31	13 30	0 31	7 6	1 29	20 43	5 54	22 0	21 58	15 56	16 53
M 8	22 19	21 40	1 41	18 12	0 59	22 41	0 42	2 45	0 44	22 56	0 13	7 25	2 31	13 31	0 31	7 6	1 29	20 43	5 54	22 0	21 58	15 58	16 53
T 9	22 11	22 8	0 21	17 43	0 50	22 32	0 44	2 31	0 43	22 55	0 13	7 25	2 31	13 31	0 31	7 6	1 29	20 42	5 54	22 0	21 59	16 0	16 53
W10	22 4	21 5	0n59	17 13	0 40	22 23	0 46	2 17	0 42	22 54	0 13	7 26	2 30	13 32	0 31	7 7	1 29	20 42	5 54	22 0	21 59	16 2	16 53
T 11	21 56	18 44	2 14	16 43	0 30	22 13	0 48	2 3	0 41	22 54	0 13	7 27	2 30	13 32	0 31	7 7	1 29	20 41	5 53	22 0	22 0	16 4	16 53
F 12	21 48	15 20	3 19	16 13	0 20	22 2	0 50	1 49	0 40	22 53	0 13	7 27	2 30	13 33	0 31	7 7	1 29	20 41	5 53	22 0	22 0	16 6	16 53
S 13	21 39	11 15	4 10	15 43	0 9	21 51	0 52	1 34	0 39	22 52	0 13	7 28	2 30	13 33	0 31	7 7	1 29	20 40	5 53	22 0	22 1	16 8	16 54
S 14	21 30	6 45	4 48	15 14	0s 2	21 39	0 54	1 20	0 38	22 51	0 13	7 29	2 29	13 34	0 31	7 7	1 29	20 40	5 53	22 0	22 1	16 10	16 54
M15	21 20	2 6	5 10	14 45	0 14	21 27	0 56	1 6	0 37	22 51	0 13	7 30	2 29	13 34	0 31	7 7	1 29	20 39	5 53	22 0	22 2	16 12	16 54
T 16	21 10	2s32	5 17	14 16	0 26	21 14	0 58	0 52	0 36	22 50	0 13	7 31	2 29	13 35	0 31	7 7	1 29	20 39	5 53	22 0	22 2	16 13	16 54
W17	21 0	6 58	5 10	13 48	0 39	21 0	0 59	0 37	0 35	22 49	0 13	7 32	2 29	13 35	0 31	7 7	1 29	20 38	5 53	22 0	22 2	16 15	16 54
T 18	20 50	11 6	4 50	13 20	0 52	20 46	1 1	0 23	0 35	22 48	0 12	7 33	2 28	13 35	0 31	7 7	1 29	20 37	5 53	22 0	22 3	16 17	16 54
F 19	20 39	14 46	4 17	12 53	1 5	20 31	1 3	0 9	0 34	22 47	0 12	7 34	2 28	13 36	0 31	7 7	1 29	20 37	5 54	22 0	22 3	16 19	16 54
S 20	20 27	17 51	3 33	12 27	1 19	20 15	1 4	0s 6	0 33	22 46	0 12	7 35	2 28	13 36	0 31	7 7	1 29	20 36	5 54	22 0	22 4	16 21	16 54
S 21	20 16	20 12	2 40	12 2	1 33	19 59	1 6	0 20	0 32	22 45	0 12	7 36	2 28	13 36	0 31	7 7	1 30	20 36	5 54	22 0	22 4	16 23	16 54
M22	20 4	21 41	1 40	11 38	1 47	19 43	1 8	0 35	0 31	22 44	0 12	7 37	2 27	13 37	0 31	7 7	1 30	20 35	5 54	22 0	22 5	16 25	16 54
T 23	19 52	22 10	0 34	11 15	2 1	19 25	1 9	0 49	0 30	22 43	0 12	7 38	2 27	13 37	0 31	7 7	1 30	20 35	5 54	22 0	22 5	16 27	16 55
W24	19 39	21 34	0s35	10 54	2 15	19 8	1 11	1 4	0 29	22 42	0 12	7 39	2 27	13 37	0 31	7 7	1 30	20 34	5 54	22 0	22 6	16 29	16 55
T 25	19 26	19 52	1 43	10 33	2 30	18 49	1 12	1 18	0 28	22 41	0 12	7 40	2 27	13 38	0 32	7 7	1 30	20 34	5 54	22 0	22 6	16 31	16 55
F 26	19 13	17 8	2 47	10 15	2 44	18 30	1 13	1 33	0 27	22 40	0 12	7 41	2 26	13 38	0 32	7 7	1 30	20 33	5 54	22 0	22 6	16 33	16 55
S 27	18 59	13 30	3 43	9 58	2 58	18 11	1 15	1 48	0 26	22 39	0 12	7 43	2 26	13 38	0 32	7 7	1 30	20 33	5 54	22 0	22 7	16 35	16 55
S 28	18 46	9 9	4 28	9 43	3 12	17 51	1 16	2 2	0 26	22 38	0 12	7 44	2 26	13 38	0 32	7 7	1 30	20 32	5 54	22 1	22 7	16 37	16 55
M29	18 31	4 16	5 0	9 29	3 26	17 31	1 17	2 17	0 25	22 37	0 12	7 45	2 26	13 39	0 32	7 7	1 30	20 32	5 54	22 1	22 8	16 39	16 56
T 30	18 17	0n53	5 14	9 18	3 39	17 10	1 18	2 32	0 24	22 36	0 11	7 47	2 25	13 39	0 32	7 7	1 30	20 31	5 54	22 1	22 8	16 41	16 56
W31	18n 2	6n 3	5s11	9n 9	3s52	16n49	1n19	2s46	0n23	22n35	0s11	7s48	2n25	13n39	0s32	7n 7	1s30	20n31	5n54	22n 1	22n 8	16s42	16s56

Julian Day Number = 2703378.5, Delta T = 26m27s  
 Ecliptic obliquity = 23°20'56, Nutation = - 0°00'16  
 Ayanamsha: Fagan/Bradley = 34°23'10, Lahiri = 33°30'10

# ASTRODIENST EPHEMERIS for the year 2689

AUGUST 2689

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 40 16	9♂34'50	12♂36	25°R50	18♂38	8♂30	12♂37	26♂12	8♂5	21°R54	19♂31	18°D53	17♂58	1♂34	24°R26	T 1
F 2	20 44 13	10°32'09	26°50	25♂32	19°52	9°5	12°50	26°15	8°6	21°Y54	19°33	18♂53	17°55	1°41	24♂24	F 2
S 3	20 48 9	11°29'28	11♂10	25°9	21°6	9°41	13°3	26°18	8°6	21°54	19°35	18°54	17°52	1°47	24°22	S 3
S 4	20 52 6	12°26'48	25°32	24°42	22°20	10°17	13°16	26°22	8°7	21°54	19°36	18°56	17°48	1°54	24°20	S 4
M 5	20 56 2	13°24'09	9♂54	24°11	23°34	10°53	13°29	26°26	8°7	21°53	19°38	18°57	17°45	2°1	24°18	M 5
T 6	20 59 59	14°21'31	24°11	23°36	24°48	11°29	13°42	26°29	8°8	21°53	19°40	18°R57	17°42	2°7	24°16	T 6
W 7	21 3 55	15°18'54	8♂18	22°58	26°1	12°5	13°54	26°33	8°8	21°52	19°42	18°56	17°39	2°14	24°14	W 7
T 8	21 7 52	16°16'17	22°12	22°18	27°15	12°41	14°7	26°37	8°8	21°52	19°43	18°53	17°36	2°21	24°13	T 8
F 9	21 11 49	17°13'41	5♂49	21°35	28°29	13°17	14°20	26°41	8°8	21°52	19°45	18°50	17°32	2°27	24°11	F 9
S 10	21 15 45	18°11'05	19°6	20°51	29°43	13°53	14°32	26°45	8°9	21°51	19°47	18°45	17°29	2°34	24°10	S 10
S 11	21 19 42	19°8'30	2♂4	20°6	0♂57	14°30	14°45	26°49	8°9	21°51	19°49	18°41	17°26	2°41	24°8	S 11
M12	21 23 38	20°5'56	14°42	19°21	2°11	15°6	14°57	26°53	8°9	21°50	19°50	18°36	17°23	2°47	24°7	M12
T13	21 27 35	21°3'22	27°3	18°38	3°25	15°43	15°10	26°58	8°R9	21°49	19°52	18°33	17°20	2°54	24°6	T13
W14	21 31 31	22°0'49	9♂10	17°56	4°38	16°19	15°22	27°2	8°9	21°49	19°54	18°30	17°17	3°1	24°4	W14
T15	21 35 28	22°58'17	21°6	17°17	5°52	16°56	15°34	27°6	8°9	21°48	19°56	18°D29	17°13	3°7	24°3	T15
F16	21 39 24	23°55'45	2♂58	16°41	7°6	17°33	15°46	27°11	8°8	21°47	19°57	18°30	17°10	3°14	24°2	F16
S17	21 43 21	24°53'14	14°49	16°10	8°20	18°10	15°59	27°15	8°8	21°47	19°59	18°31	17°7	3°21	24°2	S17
S18	21 47 17	25°50'43	26°45	15°43	9°34	18°47	16°11	27°20	8°8	21°46	20°1	18°33	17°4	3°27	24°1	S18
M19	21 51 14	26°48'14	8♂51	15°22	10°48	19°24	16°23	27°25	8°8	21°45	20°3	18°34	17°1	3°34	24°0	M19
T20	21 55 11	27°45'45	21°10	15°7	12°2	20°1	16°35	27°30	8°7	21°44	20°4	18°R34	16°58	3°41	24°0	T20
W21	21 59 7	28°43'17	3♂45	14°57	13°15	20°38	16°47	27°34	8°7	21°44	20°6	18°33	16°54	3°48	23°59	W21
T22	22 3 4	29°40'50	16°38	14°D55	14°29	21°15	16°58	27°39	8°7	21°43	20°8	18°30	16°51	3°54	23°59	T22
F23	22 7 0	0♂38'24	29°51	14°59	15°43	21°53	17°10	27°44	8°6	21°42	20°10	18°26	16°48	4°1	23°58	F23
S24	22 10 57	1°35'59	13♂21	15°11	16°57	22°30	17°22	27°49	8°6	21°41	20°11	18°19	16°45	4°8	23°58	S24
S25	22 14 53	2°33'35	27°8	15°29	18°11	23°8	17°33	27°55	8°5	21°40	20°13	18°12	16°42	4°14	23°58	S25
M26	22 18 50	3°31'13	11♂6	15°55	19°24	23°45	17°45	28°0	8°4	21°39	20°15	18°5	16°38	4°21	23°D58	M26
T27	22 22 46	4°28'52	25°13	16°28	20°38	24°23	17°56	28°5	8°4	21°38	20°17	17°59	16°35	4°28	23°58	T27
W28	22 26 43	5°26'32	9♂25	17°8	21°52	25°1	18°8	28°10	8°3	21°37	20°18	17°55	16°32	4°34	23°58	W28
T29	22 30 40	6°24'14	23°37	17°55	23°6	25°39	18°19	28°16	8°2	21°36	20°20	17°52	16°29	4°41	23°59	T29
F30	22 34 36	7°21'58	7♂49	18°49	24°20	26°17	18°30	28°21	8°1	21°35	20°22	17°D51	16°26	4°48	23°59	F30
S31	22 38 33	8♂19'43	21♂57	19♂50	25♂33	26♂55	18♂41	28♂27	8♂1	21°Y34	20♂23	17♂52	16♂23	4♂54	23♂59	S31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	17n47	10n58	4s49	9n2	4s4	16n27	1n20	3s1	0n22	22n34	0s11	7s49	2n25	13n39	0s32	7n6
F 2	17 32	15 20	4 9	8 57	4 15	16 5	1 21	3 16	0 21	22 33	0 11	7 51	2 25	13 39	0 32	7 6
S 3	17 16	18 50	3 13	8 55	4 25	15 42	1 22	3 31	0 20	22 32	0 11	7 52	2 24	13 39	0 32	7 6
S 4	17 0	21 11	2 5	8 55	4 35	15 19	1 23	3 45	0 20	22 30	0 11	7 54	2 24	13 40	0 32	7 6
M 5	16 44	22 9	0 50	8 57	4 43	14 56	1 24	4 0	0 19	22 29	0 11	7 55	2 24	13 40	0 32	7 6
T 6	16 28	21 40	0n29	9 2	4 50	14 32	1 24	4 15	0 18	22 28	0 11	7 57	2 24	13 40	0 32	7 6
W 7	16 11	19 48	1 44	9 9	4 55	14 8	1 25	4 30	0 17	22 27	0 11	7 58	2 23	13 40	0 32	7 5
T 8	15 54	16 47	2 52	9 19	4 59	13 43	1 26	4 44	0 16	22 26	0 11	8 0	2 23	13 40	0 32	7 5
F 9	15 37	12 54	3 49	9 30	5 1	13 18	1 26	4 59	0 15	22 24	0 11	8 2	2 23	13 40	0 32	7 5
S10	15 19	8 28	4 32	9 44	5 1	12 53	1 27	5 14	0 15	22 23	0 11	8 3	2 23	13 40	0 32	7 5
S11	15 2	3 46	4 59	9 59	5 0	12 27	1 27	5 29	0 14	22 22	0 10	8 5	2 23	13 40	0 32	7 5
M12	14 44	0s59	5 12	10 15	4 57	12 1	1 27	5 44	0 13	22 21	0 10	8 7	2 22	13 40	0 32	7 4
T13	14 26	5 34	5 9	10 33	4 52	11 35	1 27	5 58	0 12	22 19	0 10	8 8	2 22	13 40	0 32	7 4
W14	14 7	9 52	4 52	10 52	4 45	11 8	1 28	6 13	0 11	22 18	0 10	8 10	2 22	13 40	0 32	7 4
T15	13 49	13 44	4 23	11 12	4 36	10 41	1 28	6 28	0 11	22 17	0 10	8 12	2 22	13 40	0 32	7 3
F16	13 30	17 1	3 43	11 32	4 26	10 14	1 28	6 43	0 10	22 15	0 10	8 14	2 21	13 40	0 32	7 3
S17	13 11	19 37	2 54	11 52	4 15	9 46	1 28	6 57	0 9	22 14	0 10	8 16	2 21	13 40	0 32	7 3
S18	12 51	21 23	1 56	12 12	4 2	9 19	1 28	7 12	0 8	22 13	0 10	8 17	2 21	13 40	0 32	7 3
M19	12 32	22 11	0 53	12 32	3 48	8 51	1 28	7 27	0 8	22 11	0 10	8 19	2 21	13 40	0 32	7 2
T20	12 12	21 55	0s14	12 51	3 33	8 22	1 27	7 42	0 7	22 10	0 10	8 21	2 21	13 39	0 32	7 2
W21	11 52	20 34	1 22	13 8	3 17	7 54	1 27	7 56	0 6	22 8	0 10	8 23	2 20	13 39	0 32	7 2
T22	11 32	18 7	2 26	13 25	3 1	7 25	1 27	8 11	0 5	22 7	0 10	8 25	2 20	13 39	0 32	7 1
F23	11 12	14 41	3 25	13 40	2 44	6 56	1 26	8 25	0 4	22 6	0 9	8 27	2 20	13 39	0 32	7 1
S24	10 52	10 25	4 13	13 53	2 27	6 27	1 26	8 40	0 4	22 4	0 9	8 29	2 20	13 39	0 32	7 0
S25	10 31	5 32	4 48	14 4	2 9	5 58	1 25	8 55	0 3	22 3	0 9	8 31	2 20	13 39	0 32	7 0
M26	10 11	0 19	5 6	14 14	1 52	5 29	1 25	9 9	0 2	22 1	0 9	8 33	2 19	13 38	0 32	7 0
T27	9 50	4n58	5 6	14 20	1 34	4 59	1 24	9 24	0 1	22 0	0 9	8 35	2 19	13 38	0 32	6 59
W28	9 29	10 2	4 47	14 25	1 17	4 29	1 23	9 38	0 1	21 59	0 9	8 37	2 19	13 38	0 32	6 59
T29	9 8	14 34	4 10	14 27	1 1	4 0	1 22	9 53	0s0	21 57	0 9	8 39	2 19	13 38	0 32	6 58
F30	8 46	18 16	3 19	14 26	0 44	3 30	1 22	10 7	0 1	21 56	0 9	8 41	2 19	13 37	0 32	6 58
S31	8n25	20n51	2s15	14n22	0s28	3n0	1n21	10s21	0s1	21n54	0s9	8s43	2n19	13n37	0s32	6n58

Julian Day Number = 2703409.5, Delta T = 26m27s  
 Ecliptic obliquity = 23°20'56, Nutation = - 0°00'16  
 Ayanamsha: Fagan/Bradley = 34°23'14, Lahiri = 33°30'14



## ASTRODIENST EPHEMERIS for the year 2689

OCTOBER 2689

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 40 46	8♂22'47	14♂1	14♂14	3♂38	17♂12	23♂34	1♂43	7°R14	20°R50	21♂10	15°R26	14♂44	8♂21	24♂59	T 1
W 2	0 44 42	9°21'26	27°20	15°58	4°52	17°52	23°41	1°50	7♂12	20°Y49	21°12	15♂21	14°41	8°28	25° 3	W 2
T 3	0 48 39	10°20'07	10♂28	17°42	6° 5	18°33	23°49	1°57	7°10	20°47	21°13	15°13	14°38	8°35	25° 6	T 3
F 4	0 52 35	11°18'49	23°26	19°24	7°19	19°13	23°56	2° 4	7° 8	20°45	21°14	15° 3	14°34	8°41	25° 9	F 4
S 5	0 56 32	12°17'34	6♂11	21° 6	8°32	19°54	24° 3	2°11	7° 6	20°44	21°15	14°50	14°31	8°48	25°13	S 5
S 6	1 0 29	13°16'21	18°44	22°46	9°46	20°35	24°10	2°18	7° 3	20°42	21°17	14°36	14°28	8°55	25°17	S 6
M 7	1 4 25	14°15'09	1♂ 6	24°26	10°59	21°16	24°16	2°25	7° 1	20°41	21°18	14°23	14°25	9° 1	25°20	M 7
T 8	1 8 22	15°14'00	13°15	26° 5	12°13	21°57	24°23	2°32	6°59	20°39	21°19	14°10	14°22	9° 8	25°24	T 8
W 9	1 12 18	16°12'52	25°15	27°42	13°26	22°37	24°29	2°39	6°57	20°37	21°20	14° 1	14°19	9°15	25°28	W 9
T 10	1 16 15	17°11'46	7♂ 7	29°19	14°40	23°19	24°36	2°46	6°55	20°36	21°21	13°53	14°15	9°21	25°32	T 10
F 11	1 20 11	18°10'43	18°55	0♂55	15°53	24° 0	24°42	2°54	6°52	20°34	21°22	13°49	14°12	9°28	25°36	F 11
S 12	1 24 8	19° 9'40	0♂43	2°31	17° 6	24°41	24°48	3° 1	6°50	20°32	21°23	13°47	14° 9	9°35	25°40	S 12
S 13	1 28 4	20° 8'40	12°36	4° 5	18°20	25°22	24°54	3° 8	6°48	20°31	21°24	13°47	14° 6	9°41	25°44	S 13
M14	1 32 1	21° 7'41	24°39	5°39	19°33	26° 3	24°59	3°15	6°45	20°29	21°25	13°47	14° 3	9°48	25°49	M14
T 15	1 35 58	22° 6'44	6♂58	7°11	20°47	26°45	25° 5	3°23	6°43	20°27	21°27	13°46	14° 0	9°55	25°53	T 15
W16	1 39 54	23° 5'49	19°39	8°43	22° 0	27°26	25°10	3°30	6°41	20°26	21°27	13°44	13°56	10° 1	25°57	W16
T 17	1 43 51	24° 4'55	2♂45	10°14	23°13	28° 8	25°15	3°37	6°38	20°24	21°28	13°39	13°53	10° 8	26° 2	T 17
F 18	1 47 47	25° 4'03	16°19	11°44	24°27	28°49	25°20	3°44	6°36	20°22	21°29	13°31	13°50	10°15	26° 7	F 18
S 19	1 51 44	26° 3'13	0°Y21	13°14	25°40	29°31	25°25	3°52	6°34	20°21	21°30	13°22	13°47	10°21	26°11	S 19
S 20	1 55 40	27° 2'25	14°48	14°42	26°53	0♂13	25°30	3°59	6°31	20°19	21°31	13°11	13°44	10°28	26°16	S 20
M21	1 59 37	28° 1'38	29°35	16°10	28° 6	0°55	25°34	4° 6	6°29	20°17	21°32	13° 0	13°40	10°35	26°21	M21
T 22	2 3 33	29° 0'54	14♂32	17°37	29°20	1°37	25°39	4°14	6°26	20°16	21°33	12°50	13°37	10°41	26°25	T 22
W23	2 7 30	0♂ 0'12	29°31	19° 3	0♂33	2°18	25°43	4°21	6°24	20°14	21°34	12°42	13°34	10°48	26°30	W23
T 24	2 11 27	0°59'32	14♂23	20°29	1°46	3° 0	25°47	4°28	6°22	20°12	21°35	12°36	13°31	10°55	26°35	T 24
F 25	2 15 23	1°58'55	29° 1	21°53	2°59	3°43	25°51	4°36	6°19	20°11	21°35	12°34	13°28	11° 1	26°40	F 25
S 26	2 19 20	2°58'19	13♂20	23°17	4°13	4°25	25°54	4°43	6°17	20° 9	21°36	12°D33	13°25	11° 8	26°45	S 26
S 27	2 23 16	3°57'46	27°19	24°40	5°26	5° 7	25°58	4°50	6°14	20° 7	21°37	12°R33	13°21	11°15	26°50	S 27
M28	2 27 13	4°57'16	10♂59	26° 1	6°39	5°49	26° 1	4°58	6°12	20° 6	21°37	12°33	13°18	11°21	26°56	M28
T 29	2 31 9	5°56'47	24°21	27°22	7°52	6°32	26° 4	5° 5	6° 9	20° 4	21°38	12°32	13°15	11°28	27° 1	T 29
W30	2 35 6	6°56'21	7♂26	28°41	9° 5	7°14	26° 7	5°12	6° 7	20° 3	21°39	12°28	13°12	11°35	27° 6	W30
T 31	2 39 2	7♂55'57	20♂17	29♂59	10♂18	7♂57	26♂9	5♂20	6♂ 4	20°Y 1	21♂39	12♂22	13♂9	11♂41	27♂12	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	3s19	18n52	2n25	4s41	0n58	12s20	0n22	17s16	0s22	21n12	0s 6	9s55	2n15	13n22	0s33	T 1
W 2	3 42	15 31	3 22	5 27	0 52	12 47	0 20	17 28	0 23	21 11	0 6	9 58	2 14	13 21	0 33	W 2
T 3	4 5	11 26	4 7	6 12	0 46	13 14	0 17	17 39	0 24	21 10	0 6	10 0	2 14	13 20	0 33	T 3
F 4	4 28	6 52	4 39	6 57	0 40	13 40	0 14	17 51	0 24	21 9	0 6	10 3	2 14	13 20	0 33	F 4
S 5	4 50	2 6	4 56	7 41	0 33	14 7	0 12	18 3	0 25	21 7	0 6	10 5	2 14	13 19	0 33	S 5
S 6	5 13	2s42	4 59	8 25	0 26	14 33	0 9	18 14	0 25	21 6	0 6	10 7	2 14	13 18	0 33	S 6
M 7	5 36	7 19	4 47	9 8	0 19	14 58	0 6	18 25	0 26	21 5	0 6	10 10	2 14	13 17	0 33	M 7
T 8	5 59	11 35	4 23	9 50	0 12	15 23	0 3	18 37	0 27	21 4	0 6	10 12	2 14	13 17	0 33	T 8
W 9	6 21	15 20	3 47	10 32	0 5	15 48	0 1	18 48	0 27	21 3	0 5	10 15	2 14	13 16	0 33	W 9
T 10	6 44	18 26	3 1	11 13	0s 2	16 13	0s 2	18 59	0 28	21 2	0 5	10 17	2 14	13 15	0 33	T 10
F 11	7 6	20 46	2 8	11 53	0 9	16 37	0 5	19 9	0 28	21 1	0 5	10 20	2 14	13 15	0 33	F 11
S 12	7 28	22 12	1 9	12 33	0 16	17 0	0 8	19 20	0 29	21 0	0 5	10 22	2 14	13 14	0 33	S 12
S 13	7 51	22 39	0 6	13 12	0 23	17 24	0 11	19 31	0 29	20 59	0 5	10 25	2 14	13 13	0 33	S 13
M14	8 13	22 3	0s57	13 50	0 30	17 47	0 14	19 41	0 30	20 58	0 5	10 27	2 14	13 12	0 33	M14
T 15	8 35	20 23	2 0	14 27	0 37	18 9	0 17	19 51	0 31	20 57	0 5	10 30	2 14	13 12	0 33	T 15
W16	8 57	17 41	2 58	15 4	0 45	18 31	0 20	20 1	0 31	20 57	0 5	10 32	2 14	13 11	0 33	W16
T 17	9 18	14 1	3 49	15 39	0 52	18 52	0 23	20 11	0 32	20 56	0 5	10 35	2 14	13 10	0 33	T 17
F 18	9 40	9 30	4 29	16 14	0 59	19 13	0 26	20 21	0 32	20 55	0 5	10 37	2 14	13 9	0 33	F 18
S 19	10 1	4 21	4 54	16 48	1 6	19 34	0 28	20 30	0 33	20 54	0 4	10 40	2 13	13 8	0 33	S 19
S 20	10 23	1n11	5 1	17 21	1 13	19 54	0 31	20 40	0 33	20 53	0 4	10 42	2 13	13 8	0 33	S 20
M21	10 44	6 46	4 49	17 53	1 20	20 13	0 34	20 49	0 34	20 53	0 4	10 45	2 13	13 7	0 33	M21
T 22	11 5	12 2	4 17	18 24	1 26	20 32	0 37	20 58	0 35	20 52	0 4	10 47	2 13	13 6	0 33	T 22
W23	11 26	16 36	3 27	18 55	1 33	20 51	0 40	21 7	0 35	20 51	0 4	10 50	2 13	13 5	0 33	W23
T 24	11 47	20 4	2 24	19 24	1 39	21 8	0 43	21 16	0 36	20 51	0 4	10 52	2 13	13 5	0 33	T 24
F 25	12 7	22 9	1 11	19 52	1 46	21 26	0 46	21 24	0 36	20 50	0 4	10 54	2 13	13 4	0 33	F 25
S 26	12 27	22 45	0n 4	20 20	1 52	21 42	0 49	21 33	0 37	20 50	0 4	10 57	2 13	13 3	0 33	S 26
S 27	12 48	21 53	1 18	20 46	1 58	21 59	0 52	21 41	0 37	20 49	0 4	10 59	2 13	13 2	0 33	S 27
M28	13 7	19 44	2 25	21 12	2 4	22 14	0 55	21 49	0 38	20 49	0 4	11 2	2 13	13 1	0 33	M28
T 29	13 27	16 33	3 23	21 36	2 9	22 29	0 57	21 57	0 38	20 48	0 3	11 4	2 13	13 1	0 33	T 29
W30	13 47	12 36	4 9	21 59	2 15	22 43	1 0	22 4	0 39	20 48	0 3	11 7	2 13	13 0	0 33	W30
T 31	14s 6	8n 9	4n41	22s21	2s20	22s57	1s 3	22s12	0s39	20n47	0s 3	11s 9	2n13	12n59	0s33	T 31

Julian Day Number = 2703470.5, Delta T = 26m28s

Ecliptic obliquity = 23°20'57", Nutation = - 0°00'17"

Ayanamsha: Fagan/Bradley = 34°23'22", Lahiri = 33°30'22"

# ASTRODIENST EPHEMERIS for the year 2689

NOVEMBER 2689

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	2 42 59	8♂55'35	2♂56	1♂17	11♂31	8♂39	26♂12	5♂27	6♂R 2	20♂R 0	21♂40	12♂R13	13♂6	11♂48	27♂17	F 1
S 2	2 46 56	9°55'15	15°24	2°33	12°44	9°22	26°14	5°34	6♂ 0	19♂58	21°41	12♂2	13° 2	11°55	27°23	S 2
S 3	2 50 52	10°54'57	27°41	3°47	13°58	10° 4	26°16	5°42	5°57	19°56	21°41	11°50	12°59	12° 1	27°28	S 3
M 4	2 54 49	11°54'42	9♂50	5° 0	15°11	10°47	26°18	5°49	5°55	19°55	21°42	11°38	12°56	12° 8	27°34	M 4
T 5	2 58 45	12°54'28	21°51	6°11	16°24	11°30	26°20	5°56	5°52	19°53	21°42	11°28	12°53	12°15	27°39	T 5
W 6	3 2 42	13°54'16	3♂45	7°21	17°37	12°13	26°21	6° 4	5°50	19°52	21°43	11°19	12°50	12°21	27°45	W 6
T 7	3 6 38	14°54'06	15°33	8°28	18°50	12°56	26°23	6°11	5°47	19°50	21°43	11°13	12°46	12°28	27°51	T 7
F 8	3 10 35	15°53'58	27°20	9°33	20° 3	13°39	26°24	6°18	5°45	19°49	21°43	11°10	12°43	12°35	27°57	F 8
S 9	3 14 31	16°53'52	9♂ 7	10°35	21°16	14°22	26°25	6°25	5°43	19°47	21°44	11°D 9	12°40	12°41	28° 3	S 9
S 10	3 18 28	17°53'47	20°59	11°35	22°28	15° 5	26°25	6°33	5°40	19°46	21°44	11° 9	12°37	12°48	28° 8	S 10
M11	3 22 25	18°53'44	3♂ 1	12°31	23°41	15°49	26°26	6°40	5°38	19°45	21°44	11°10	12°34	12°55	28°14	M11
T 12	3 26 21	19°53'43	15°18	13°24	24°54	16°32	26°26	6°47	5°36	19°43	21°45	11°R11	12°31	13° 1	28°20	T 12
W13	3 30 18	20°53'43	27°54	14°14	26° 7	17°15	26°R26	6°54	5°33	19°42	21°45	11°11	12°27	13° 8	28°26	W13
T 14	3 34 14	21°53'45	10♂55	14°59	27°20	17°59	26°26	7° 2	5°31	19°41	21°45	11° 9	12°24	13°15	28°32	T 14
F 15	3 38 11	22°53'48	24°23	15°39	28°33	18°42	26°26	7° 9	5°29	19°39	21°46	11° 5	12°21	13°21	28°39	F 15
S 16	3 42 7	23°53'53	8♂22	16°13	29°45	19°26	26°25	7°16	5°26	19°38	21°46	10°59	12°18	13°28	28°45	S 16
S 17	3 46 4	24°53'59	22°49	16°42	0♂58	20° 9	26°25	7°23	5°24	19°37	21°46	10°52	12°15	13°35	28°51	S 17
M18	3 50 0	25°54'07	7♂40	17° 4	2°11	20°53	26°24	7°30	5°22	19°35	21°46	10°45	12°12	13°41	28°57	M18
T 19	3 53 57	26°54'16	22°48	17°19	3°23	21°37	26°23	7°37	5°20	19°34	21°46	10°39	12° 8	13°48	29° 4	T 19
W20	3 57 53	27°54'28	8♂ 3	17°R26	4°36	22°21	26°22	7°44	5°17	19°33	21°46	10°33	12° 5	13°55	29°10	W20
T 21	4 1 50	28°54'41	23°14	17°25	5°48	23° 5	26°20	7°51	5°15	19°32	21°46	10°30	12° 2	14° 1	29°16	T 21
F 22	4 5 47	29°54'56	8♂11	17°14	7° 1	23°48	26°18	7°58	5°13	19°30	21°R46	10°D29	11°59	14° 8	29°23	F 22
S 23	4 9 43	0♂55'13	22°49	16°53	8°13	24°32	26°17	8° 5	5°11	19°29	21°46	10°30	11°56	14°15	29°29	S 23
S 24	4 13 40	1°55'32	7♂ 2	16°22	9°26	25°17	26°14	8°12	5° 9	19°28	21°46	10°31	11°52	14°21	29°36	S 24
M25	4 17 36	2°55'53	20°50	15°42	10°38	26° 1	26°12	8°19	5° 7	19°27	21°46	10°32	11°49	14°28	29°42	M25
T 26	4 21 33	3°56'16	4♂15	14°51	11°51	26°45	26°10	8°26	5° 5	19°26	21°46	10°R33	11°46	14°35	29°49	T 26
W27	4 25 29	4°56'40	17°17	13°50	13° 3	27°29	26° 7	8°33	5° 3	19°25	21°46	10°32	11°43	14°41	29°55	W27
T 28	4 29 26	5°57'06	0♂ 0	12°42	14°15	28°13	26° 4	8°40	5° 1	19°24	21°46	10°30	11°40	14°48	0♂ 2	T 28
F 29	4 33 23	6°57'35	12°28	11°27	15°28	28°58	26° 1	8°46	4°59	19°23	21°46	10°26	11°37	14°55	0° 8	F 29
S 30	4 37 19	7♂58'05	24♂44	10♂ 8	16♂40	29♂42	25♂58	8♂53	4♂57	19♂22	21♂45	10♂20	11♂33	15♂ 1	0♂15	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	14s25	3n25	4n59	22s42	2s25	23s10	1s 6	22s19	0s40	20n47	0s 3	11s11	2n13	12n58	0s33	6n21
S 2	14 44	1s23	5 3	23 2	2 30	23 23	1 9	22 26	0 40	20 47	0 3	11 14	2 13	12 57	0 33	6 21
S 3	15 3	6 4	4 52	23 21	2 34	23 34	1 11	22 33	0 41	20 46	0 3	11 16	2 13	12 57	0 33	6 20
M 4	15 21	10 28	4 28	23 38	2 38	23 45	1 14	22 40	0 41	20 46	0 3	11 19	2 13	12 56	0 33	6 20
T 5	15 39	14 25	3 52	23 55	2 41	23 56	1 17	22 46	0 42	20 46	0 3	11 21	2 13	12 55	0 33	6 19
W 6	15 57	17 46	3 7	24 10	2 45	24 6	1 19	22 52	0 42	20 46	0 3	11 23	2 13	12 54	0 33	6 19
T 7	16 15	20 22	2 13	24 23	2 47	24 15	1 22	22 58	0 43	20 46	0 3	11 26	2 13	12 53	0 33	6 18
F 8	16 32	22 6	1 14	24 36	2 50	24 23	1 25	23 4	0 43	20 45	0 2	11 28	2 13	12 53	0 33	6 18
S 9	16 49	22 51	0 11	24 47	2 51	24 31	1 27	23 10	0 44	20 45	0 2	11 30	2 14	12 52	0 32	6 17
S 10	17 6	22 35	0s53	24 56	2 53	24 38	1 30	23 15	0 44	20 45	0 2	11 33	2 14	12 51	0 32	6 17
M11	17 23	21 17	1 55	25 4	2 53	24 44	1 32	23 20	0 45	20 45	0 2	11 35	2 14	12 50	0 32	6 16
T 12	17 39	18 57	2 54	25 11	2 53	24 49	1 34	23 25	0 45	20 45	0 2	11 37	2 14	12 50	0 32	6 16
W13	17 55	15 41	3 45	25 16	2 52	24 54	1 37	23 30	0 46	20 46	0 2	11 40	2 14	12 49	0 32	6 15
T 14	18 10	11 34	4 27	25 20	2 50	24 58	1 39	23 34	0 46	20 46	0 2	11 42	2 14	12 48	0 32	6 15
F 15	18 26	6 45	4 56	25 22	2 48	25 2	1 41	23 39	0 46	20 46	0 1	11 44	2 14	12 47	0 32	6 14
S 16	18 41	1 25	5 8	25 22	2 44	25 4	1 44	23 43	0 47	20 46	0 1	11 46	2 14	12 47	0 32	6 14
S 17	18 55	4n10	5 2	25 20	2 40	25 6	1 46	23 46	0 47	20 46	0 1	11 49	2 14	12 46	0 32	6 13
M18	19 10	9 40	4 36	25 16	2 34	25 8	1 48	23 50	0 48	20 47	0 1	11 51	2 14	12 45	0 32	6 13
T 19	19 24	14 42	3 49	25 11	2 27	25 8	1 50	23 53	0 48	20 47	0 1	11 53	2 14	12 44	0 32	6 12
W20	19 37	18 49	2 47	25 3	2 18	25 8	1 52	23 56	0 49	20 47	0 1	11 55	2 14	12 44	0 32	6 12
T 21	19 50	21 38	1 32	24 53	2 9	25 7	1 54	23 59	0 49	20 48	0 1	11 58	2 14	12 43	0 32	6 11
F 22	20 3	22 53	0 12	24 41	1 57	25 5	1 55	24 2	0 49	20 48	0 1	12 0	2 14	12 42	0 32	6 11
S 23	20 16	22 31	1n 7	24 26	1 44	25 3	1 57	24 4	0 50	20 49	0 0	12 2	2 14	12 42	0 32	6 11
S 24	20 28	20 42	2 20	24 9	1 30	24 59	1 59	24 6	0 50	20 49	0 0	12 4	2 14	12 41	0 32	6 10
M25	20 40	17 41	3 22	23 48	1 14	24 56	2 0	24 8	0 51	20 50	0 0	12 6	2 14	12 40	0 32	6 10
T 26	20 51	13 49	4 12	23 25	0 56	24 51	2 2	24 10	0 51	20 50	0 0	12 8	2 15	12 40	0 32	6 9
W27	21 2	9 25	4 47	23 0	0 38	24 46	2 3	24 11	0 51	20 51	0n 0	12 10	2 15	12 39	0 32	6 9
T 28	21 13	4 41	5 7	22 32	0 18	24 40	2 5	24 12	0 52	20 51	0 0	12 12	2 15	12 38	0 32	6 9
F 29	21 23	0s 7	5 12	22 2	0n 2	24 33	2 6	24 13	0 52	20 52	0 0	12 14	2 15	12 38	0 32	6 8
S 30	21s33	4s51	5n 2	21s30	0n23	24s25	2s 7	24s14	0s53	20n53	0n 0	12s16	2n15	12n37	0s32	6n 8

Julian Day Number = 2703501.5, Delta T = 26m29s  
 Ecliptic obliquity = 23°20'57", Nutation = - 0°00'18"  
 Ayanamsha: Fagan/Bradley = 34°23'27", Lahiri = 33°30'27"

## ASTRODIENST EPHEMERIS for the year 2689

DECEMBER 2689

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 41 16	8°58'36	6°49	8°R46	17°52	0°27	25°R54	9°0	4°R55	19°R21	21°R45	10°R15	11°30	15°8	0°22	S 1
M 2	4 45 12	9°59'10	18°48	7°25	19°4	1°11	25°51	9°7	4°53	19°Y20	21°45	10°9	11°27	15°15	0°28	M 2
T 3	4 49 9	10°59'45	0°40	6°8	20°16	1°56	25°47	9°13	4°51	19°19	21°45	10°4	11°24	15°21	0°35	T 3
W 4	4 53 5	12°0'21	12°30	4°57	21°28	2°41	25°43	9°20	4°49	19°18	21°44	10°0	11°21	15°28	0°42	W 4
T 5	4 57 2	13°0'59	24°18	3°53	22°40	3°25	25°39	9°26	4°47	19°17	21°44	9°57	11°18	15°35	0°48	T 5
F 6	5 0 58	14°1'38	6°3	3°0	23°52	4°10	25°34	9°33	4°46	19°17	21°44	9°D56	11°14	15°41	0°55	F 6
S 7	5 4 55	15°2'19	17°57	2°17	25°4	4°55	25°30	9°39	4°44	19°16	21°43	9°56	11°11	15°48	1°2	S 7
S 8	5 8 52	16°3'00	29°53	1°45	26°16	5°40	25°25	9°46	4°42	19°15	21°43	9°57	11°8	15°54	1°9	S 8
M 9	5 12 48	17°3'43	11°59	1°26	27°28	6°25	25°20	9°52	4°41	19°14	21°43	9°59	11°5	16°1	1°16	M 9
T 10	5 16 45	18°4'27	24°17	1°D17	28°39	7°10	25°15	9°58	4°39	19°14	21°42	10°1	11°2	16°8	1°23	T 10
W 11	5 20 41	19°5'12	6°52	1°20	29°51	7°55	25°10	10°5	4°38	19°13	21°42	10°2	10°58	16°14	1°29	W 11
T 12	5 24 38	20°5'57	19°48	1°32	1°32	8°40	25°5	10°11	4°36	19°12	21°41	10°R 2	10°55	16°21	1°36	T 12
F 13	5 28 34	21°6'44	3°Y 8	1°54	2°14	9°25	24°59	10°17	4°35	19°12	21°41	10°2	10°52	16°28	1°43	F 13
S 14	5 32 31	22°7'31	16°54	2°25	3°25	10°10	24°53	10°23	4°33	19°11	21°40	10°1	10°49	16°34	1°50	S 14
S 15	5 36 27	23°8'20	1°8	3°3	4°37	10°56	24°48	10°29	4°32	19°11	21°39	9°59	10°46	16°41	1°57	S 15
M 16	5 40 24	24°9'09	15°47	3°48	5°48	11°41	24°42	10°35	4°30	19°10	21°39	9°57	10°43	16°48	2°4	M 16
T 17	5 44 21	25°9'59	0°II 46	4°39	6°59	12°26	24°35	10°41	4°29	19°10	21°38	9°55	10°39	16°54	2°11	T 17
W 18	5 48 17	26°10'50	15°58	5°35	8°10	13°12	24°29	10°47	4°28	19°9	21°37	9°53	10°36	17°1	2°18	W 18
T 19	5 52 14	27°11'42	1°513	6°35	9°21	13°57	24°23	10°53	4°27	19°9	21°37	9°52	10°33	17°8	2°25	T 19
F 20	5 56 10	28°12'35	16°20	7°40	10°32	14°43	24°16	10°59	4°26	19°8	21°36	9°D52	10°30	17°14	2°32	F 20
S 21	6 0 7	29°13'29	1°11	8°48	11°43	15°28	24°10	11°4	4°24	19°8	21°35	9°53	10°27	17°21	2°39	S 21
S 22	6 4 3	0°14'24	15°40	9°59	12°54	16°14	24°3	11°10	4°23	19°8	21°35	9°54	10°24	17°28	2°46	S 22
M 23	6 8 0	1°15'20	29°42	11°13	14°4	17°0	23°56	11°16	4°22	19°8	21°34	9°54	10°20	17°34	2°53	M 23
T 24	6 11 56	2°16'17	13°17	12°29	15°15	17°45	23°49	11°21	4°21	19°7	21°33	9°55	10°17	17°41	2°59	T 24
W 25	6 15 53	3°17'15	26°26	13°47	16°25	18°31	23°42	11°27	4°20	19°7	21°32	9°56	10°14	17°48	3°6	W 25
T 26	6 19 50	4°18'15	9°11	15°6	17°36	19°17	23°34	11°32	4°19	19°7	21°31	9°R56	10°11	17°54	3°13	T 26
F 27	6 23 46	5°19'15	21°37	16°28	18°46	20°3	23°27	11°37	4°19	19°7	21°30	9°55	10°8	18°1	3°20	F 27
S 28	6 27 43	6°20'16	3°147	17°50	19°56	20°49	23°20	11°43	4°18	19°7	21°30	9°55	10°4	18°8	3°27	S 28
S 29	6 31 39	7°21'18	15°47	19°14	21°6	21°35	23°12	11°48	4°17	19°7	21°29	9°55	10°1	18°14	3°34	S 29
M 30	6 35 36	8°22'21	27°39	20°39	22°16	22°21	23°5	11°53	4°16	19°D 7	21°28	9°54	9°58	18°21	3°41	M 30
T 31	6 39 32	9°23'25	9°27	22°4	23°25	23°7	22°57	11°58	4°16	19°Y 7	21°27	9°D54	9°55	18°28	3°48	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	21s43	9s20	4n39	20s58	0n43	24s17	2s9	24s14	0s53	20n54	0n1	12s18	2n15	12n36	0s32	6n8	S 1
M 2	21 52	13 26	4 4	20 26	1 3	24 8	2 10	24 14	0 53	20 54	0 1	12 20	2 15	12 36	0 32	6 7	M 2
T 3	22 0	16 58	3 19	19 55	1 21	23 59	2 11	24 14	0 54	20 55	0 1	12 22	2 15	12 35	0 32	6 7	T 3
W 4	22 9	19 49	2 25	19 26	1 38	23 48	2 12	24 13	0 54	20 56	0 1	12 24	2 15	12 35	0 32	6 7	W 4
T 5	22 16	21 49	1 25	19 0	1 53	23 38	2 12	24 13	0 54	20 57	0 1	12 26	2 15	12 34	0 32	6 6	T 5
F 6	22 24	22 51	0 21	18 38	2 5	23 26	2 13	24 12	0 55	20 58	0 1	12 28	2 16	12 33	0 32	6 6	F 6
S 7	22 31	22 53	0s44	18 19	2 16	23 14	2 14	24 11	0 55	20 59	0 1	12 30	2 16	12 33	0 32	6 6	S 7
S 8	22 37	21 51	1 48	18 5	2 24	23 1	2 14	24 9	0 55	21 0	0 2	12 32	2 16	12 32	0 32	6 6	S 8
M 9	22 43	19 49	2 48	17 55	2 30	22 47	2 15	24 7	0 56	21 1	0 2	12 34	2 16	12 32	0 32	6 5	M 9
T 10	22 49	16 51	3 41	17 49	2 35	22 33	2 15	24 5	0 56	21 2	0 2	12 36	2 16	12 31	0 32	6 5	T 10
W 11	22 54	13 4	4 25	17 47	2 37	22 18	2 15	24 3	0 56	21 3	0 2	12 38	2 16	12 31	0 32	6 5	W 11
T 12	22 59	8 35	4 57	17 48	2 38	22 3	2 15	24 1	0 57	21 4	0 2	12 39	2 16	12 30	0 32	6 5	T 12
F 13	23 3	3 34	5 14	17 53	2 38	21 47	2 15	23 58	0 57	21 5	0 2	12 41	2 16	12 30	0 32	6 5	F 13
S 14	23 7	1n47	5 14	18 1	2 36	21 31	2 15	23 55	0 57	21 7	0 2	12 43	2 17	12 30	0 32	6 4	S 14
S 15	23 10	7 12	4 55	18 11	2 33	21 13	2 15	23 52	0 58	21 8	0 2	12 45	2 17	12 29	0 32	6 4	S 15
M 16	23 13	12 24	4 17	18 23	2 29	20 56	2 15	23 48	0 58	21 9	0 3	12 46	2 17	12 29	0 32	6 4	M 16
T 17	23 16	16 58	3 20	18 37	2 25	20 37	2 14	23 44	0 58	21 10	0 3	12 48	2 17	12 28	0 32	6 4	T 17
W 18	23 18	20 29	2 9	18 52	2 20	20 19	2 14	23 40	0 59	21 11	0 3	12 50	2 17	12 28	0 32	6 4	W 18
T 19	23 19	22 33	0 48	19 8	2 14	19 59	2 13	23 36	0 59	21 13	0 3	12 51	2 17	12 27	0 32	6 4	T 19
F 20	23 20	22 57	0n36	19 25	2 7	19 39	2 13	23 31	0 59	21 14	0 3	12 53	2 17	12 27	0 32	6 4	F 20
S 21	23 21	21 42	1 56	19 42	2 1	19 19	2 12	23 26	0 59	21 15	0 3	12 55	2 18	12 27	0 32	6 4	S 21
S 22	23 21	19 2	3 6	19 59	1 54	18 58	2 11	23 21	1 0	21 17	0 3	12 56	2 18	12 26	0 32	6 4	S 22
M 23	23 21	15 19	4 3	20 17	1 46	18 37	2 10	23 16	1 0	21 18	0 4	12 58	2 18	12 26	0 31	6 3	M 23
T 24	23 20	10 55	4 44	20 34	1 39	18 15	2 9	23 10	1 0	21 19	0 4	12 59	2 18	12 26	0 31	6 3	T 24
W 25	23 18	6 9	5 9	20 51	1 31	17 53	2 7	23 4	1 0	21 21	0 4	13 1	2 18	12 26	0 31	6 3	W 25
T 26	23 17	1 15	5 18	21 8	1 24	17 30	2 6	22 58	1 1	21 22	0 4	13 2	2 18	12 25	0 31	6 3	T 26
F 27	23 15	3s35	5 11	21 25	1 16	17 7	2 5	22 52	1 1	21 23	0 4	13 4	2 19	12 25	0 31	6 3	F 27
S 28	23 12	8 10	4 51	21 40	1 8	16 44	2 3	22 45	1 1	21 25	0 4	13 5	2 19	12 25	0 31	6 3	S 28
S 29	23 9	12 23	4 18	21 55	1 0	16 20	2 1	22 38	1 1	21 26	0 4	13 7	2 19	12 25	0 31	6 3	S 29
M 30	23 5	16 5	3 34	22 9	0 52	15 55	1 59	22 31	1 2	21 28	0 5	13 8	2 19	12 24	0 31	6 3	M 30
T 31	23s 1	19s 7	2n41	22s23	0n44	15s31	1s57	22s24	1s 2	21n29	0n 5	13s 9	2n19	12n24	0s31	6n 4	T 31

Julian Day Number = 2703531.5, Delta T = 26m29s

Ecliptic obliquity = 23°20'57", Nutation = - 0°00'18"

Ayanamsha: Fagan/Bradley = 34°23'31", Lahiri = 33°30'31"

## ASTRODIENST EPHEMERIS for the year 2690

JANUARY 2690

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	6 43 29	10°24'30	21°14	23°30	24°35	23°53	22°R49	12°M 3	4°R15	19°V 7	21°R26	9°S54	9°S52	18°A34	3°S55	W 1
T 2	6 47 26	11°25'35	3°3	24°57	25°44	24°39	22°S41	12° 8	4°R15	19° 7	21°Q25	9°S4	9°49	18°41	4° 2	T 2
F 3	6 51 22	12°26'41	14°57	26°25	26°54	25°25	22°33	12°13	4°14	19° 7	21°24	9°R54	9°45	18°48	4° 9	F 3
S 4	6 55 19	13°27'47	26°57	27°53	28° 3	26°11	22°25	12°17	4°14	19° 7	21°23	9°S4	9°42	18°54	4°16	S 4
S 5	6 59 15	14°28'54	9°4	29°22	29°12	26°58	22°17	12°22	4°13	19° 7	21°22	9°S4	9°39	19° 1	4°23	S 5
M 6	7 3 12	15°30'00	21°21	0°S51	0°X21	27°44	22° 9	12°27	4°13	19° 8	21°21	9°S3	9°36	19° 8	4°29	M 6
T 7	7 7 8	16°31'07	3°H50	2°21	1°30	28°30	22° 1	12°31	4°13	19° 8	21°19	9°S2	9°33	19°14	4°36	T 7
W 8	7 11 5	17°32'14	16°33	3°51	2°38	29°17	21°53	12°36	4°12	19° 8	21°18	9°S1	9°30	19°21	4°43	W 8
T 9	7 15 1	18°33'21	29°32	5°21	3°47	0°X 3	21°45	12°40	4°12	19° 8	21°17	9°S0	9°26	19°27	4°50	T 9
F 10	7 18 58	19°34'28	12°V49	6°52	4°55	0°S0	21°37	12°44	4°12	19° 9	21°16	9°S0	9°23	19°34	4°57	F 10
S 11	7 22 55	20°35'35	26°27	8°23	6° 3	1°36	21°29	12°48	4°12	19° 9	21°15	9°D50	9°20	19°41	5° 3	S 11
S 12	7 26 51	21°36'41	10°S25	9°54	7°11	2°23	21°21	12°53	4°D12	19°10	21°14	9°S0	9°17	19°47	5°10	S 12
M13	7 30 48	22°37'48	24°44	11°26	8°18	3° 9	21°13	12°57	4°12	19°10	21°13	9°S1	9°14	19°54	5°17	M13
T 14	7 34 44	23°38'54	9°II21	12°58	9°26	3°56	21° 5	13° 0	4°12	19°11	21°11	9°S2	9°10	20° 1	5°23	T 14
W15	7 38 41	24°40'00	24°12	14°31	10°33	4°42	20°56	13° 4	4°12	19°11	21°10	9°S3	9° 7	20° 7	5°30	W15
T 16	7 42 37	25°41'07	9°S11	16° 4	11°40	5°29	20°48	13° 8	4°12	19°12	21° 9	9°R54	9° 4	20°14	5°37	T 16
F 17	7 46 34	26°42'13	24°10	17°37	12°47	6°16	20°40	13°12	4°13	19°12	21° 8	9°S3	9° 1	20°21	5°43	F 17
S 18	7 50 30	27°43'18	8°Q59	19°11	13°53	7° 3	20°32	13°15	4°13	19°13	21° 6	9°S2	8°58	20°27	5°50	S 18
S 19	7 54 27	28°44'24	23°32	20°45	15° 0	7°49	20°24	13°19	4°13	19°14	21° 5	9°S0	8°55	20°34	5°57	S 19
M20	7 58 24	29°45'30	7°H42	22°20	16° 6	8°36	20°16	13°22	4°14	19°14	21° 4	9°47	8°51	20°41	6° 3	M20
T 21	8 2 20	0°46'35	21°27	23°54	17°11	9°23	20° 9	13°25	4°14	19°15	21° 3	9°44	8°48	20°47	6°10	T 21
W22	8 6 17	1°47'41	4°A44	25°30	18°17	10°10	20° 1	13°29	4°14	19°16	21° 1	9°41	8°45	20°54	6°16	W22
T 23	8 10 13	2°48'46	17°36	27° 6	19°22	10°57	19°53	13°32	4°15	19°17	21° 0	9°39	8°42	21° 1	6°22	T 23
F 24	8 14 10	3°49'52	0°M 6	28°42	20°27	11°44	19°45	13°35	4°16	19°17	20°59	9°D38	8°39	21° 7	6°29	F 24
S 25	8 18 6	4°50'58	12°18	0°A19	21°32	12°31	19°38	13°38	4°16	19°18	20°57	9°39	8°35	21°14	6°35	S 25
S 26	8 22 3	5°52'03	24°16	1°56	22°36	13°18	19°30	13°41	4°17	19°19	20°56	9°40	8°32	21°21	6°42	S 26
M27	8 25 59	6°53'08	6°X 7	3°34	23°41	14° 5	19°23	13°43	4°18	19°20	20°55	9°41	8°29	21°27	6°48	M27
T 28	8 29 56	7°54'14	17°53	5°12	24°44	14°52	19°15	13°46	4°18	19°21	20°53	9°43	8°26	21°34	6°54	T 28
W29	8 33 53	8°55'19	29°41	6°51	25°48	15°39	19° 8	13°48	4°19	19°22	20°52	9°45	8°23	21°41	7° 0	W29
T 30	8 37 49	9°56'23	11°S34	8°30	26°51	16°26	19° 1	13°51	4°20	19°23	20°51	9°R45	8°20	21°47	7° 6	T 30
F 31	8 41 46	10°57'27	23°S35	10°A10	27°X54	17°A13	18°S54	13°M53	4°S21	19°V24	20°Q49	9°S44	8°S16	21°A54	7°S13	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	22s57	21s22	1n42	22s35	0n36	1s5 5	1s55	22s16	1s 2	21n30	0n 5	13s11	2n20	12n24	0s31	W 1
T 2	22 52	22 41	0 38	22 47	0 28	14 40	1 53	22 8	1 2	21 32	0 5	13 12	2 20	12 24	0 31	T 2
F 3	22 46	22 59	0s28	22 57	0 21	14 14	1 51	22 0	1 2	21 33	0 5	13 13	2 20	12 24	0 31	F 3
S 4	22 40	22 13	1 33	23 7	0 13	13 48	1 48	21 51	1 3	21 35	0 5	13 14	2 20	12 24	0 31	S 4
S 5	22 34	20 25	2 35	23 15	0 5	13 22	1 46	21 43	1 3	21 36	0 5	13 16	2 20	12 23	0 31	S 5
M 6	22 27	17 39	3 31	23 23	0s 2	12 55	1 43	21 34	1 3	21 38	0 6	13 17	2 21	12 23	0 31	M 6
T 7	22 20	14 3	4 17	23 29	0 9	12 28	1 40	21 25	1 3	21 39	0 6	13 18	2 21	12 23	0 31	T 7
W 8	22 12	9 46	4 52	23 34	0 16	12 1	1 37	21 15	1 3	21 40	0 6	13 19	2 21	12 23	0 31	W 8
T 9	22 4	4 58	5 12	23 38	0 23	11 33	1 34	21 6	1 3	21 42	0 6	13 20	2 21	12 23	0 31	T 9
F 10	21 56	0n10	5 17	23 41	0 30	11 5	1 31	20 56	1 3	21 43	0 6	13 21	2 21	12 23	0 31	F 10
S 11	21 47	5 26	5 4	23 42	0 37	10 37	1 28	20 46	1 4	21 45	0 6	13 22	2 22	12 23	0 31	S 11
S 12	21 37	10 33	4 33	23 42	0 44	10 9	1 24	20 35	1 4	21 46	0 6	13 23	2 22	12 23	0 31	S 12
M13	21 27	15 14	3 45	23 41	0 50	9 40	1 21	20 25	1 4	21 47	0 7	13 24	2 22	12 23	0 31	M13
T 14	21 17	19 7	2 41	23 39	0 56	9 12	1 17	20 14	1 4	21 49	0 7	13 25	2 22	12 23	0 31	T 14
W15	21 7	21 48	1 26	23 35	1 2	8 43	1 13	20 3	1 4	21 50	0 7	13 26	2 22	12 23	0 31	W15
T 16	20 56	22 58	0 4	23 30	1 8	8 14	1 9	19 52	1 4	21 52	0 7	13 27	2 23	12 24	0 31	T 16
F 17	20 44	22 29	1n18	23 24	1 13	7 45	1 5	19 41	1 4	21 53	0 7	13 28	2 23	12 24	0 31	F 17
S 18	20 32	20 25	2 34	23 17	1 19	7 15	1 1	19 29	1 4	21 54	0 7	13 29	2 23	12 24	0 31	S 18
S 19	20 20	17 4	3 39	23 8	1 24	6 46	0 57	19 17	1 5	21 56	0 7	13 30	2 23	12 24	0 31	S 19
M20	20 7	12 47	4 28	22 58	1 29	6 16	0 53	19 5	1 5	21 57	0 7	13 31	2 24	12 24	0 31	M20
T 21	19 55	7 58	5 0	22 46	1 33	5 47	0 48	18 53	1 5	21 58	0 8	13 31	2 24	12 24	0 31	T 21
W22	19 41	2 56	5 14	22 34	1 38	5 17	0 43	18 40	1 5	21 59	0 8	13 32	2 24	12 24	0 31	W22
T 23	19 27	2s 4	5 12	22 19	1 42	4 47	0 39	18 28	1 5	22 1	0 8	13 33	2 24	12 25	0 30	T 23
F 24	19 13	6 51	4 56	22 4	1 45	4 17	0 34	18 15	1 5	22 2	0 8	13 33	2 24	12 25	0 30	F 24
S 25	18 59	11 15	4 26	21 47	1 49	3 47	0 29	18 2	1 5	22 3	0 8	13 34	2 25	12 25	0 30	S 25
S 26	18 44	15 8	3 45	21 29	1 52	3 17	0 24	17 48	1 5	22 4	0 8	13 35	2 25	12 25	0 30	S 26
M27	18 29	18 23	2 55	21 9	1 55	2 47	0 18	17 35	1 5	22 6	0 8	13 35	2 25	12 26	0 30	M27
T 28	18 13	20 51	1 57	20 48	1 58	2 17	0 13	17 21	1 5	22 7	0 8	13 36	2 25	12 26	0 30	T 28
W29	17 58	22 26	0 55	20 26	2 0	1 47	0 7	17 7	1 5	22 8	0 9	13 36	2 26	12 26	0 30	W29
T 30	17 41	23 1	0s10	20 2	2 2	1 16	0 2	16 53	1 5	22 9	0 9	13 37	2 26	12 27	0 30	T 30
F 31	17s25	22s32	1s15	19s37	2s 4	0s46	0n 4	16s39	1s 5	22n10	0n 9	13s37	2n26	12n27	0s30	F 31

Julian Day Number = 2703562.5, Delta T = 26m29s

Ecliptic obliquity = 23°20'57", Nutation = - 0°00'17"

Ayanamsha: Fagan/Bradley = 34°23'35", Lahiri = 33°30'35"

## ASTRODIENST EPHEMERIS for the year 2690

FEBRUARY 2690

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 45 42	11°58'31	5°45	11°50	28°56	18°0	18°R47	13°55	4°22	19°25	20°R48	9°R42	8°13	22°1	7°19	S 1
S 2	8 49 39	12°59'34	18° 8	13°31	29°59	18°47	18°40	13°58	4°23	19°26	20°R47	9°37	8°10	22° 7	7°25	S 2
M 3	8 53 35	14° 0'36	0°43	15°13	1°0	19°34	18°33	14° 0	4°24	19°28	20°45	9°32	8° 7	22°14	7°31	M 3
T 4	8 57 32	15° 1'38	13°32	16°55	2° 2	20°22	18°27	14° 1	4°25	19°29	20°44	9°25	8° 4	22°20	7°37	T 4
W 5	9 1 28	16° 2'38	26°33	18°38	3° 3	21° 9	18°20	14° 3	4°27	19°30	20°42	9°19	8° 1	22°27	7°43	W 5
T 6	9 5 25	17° 3'38	9°47	20°21	4° 3	21°56	18°14	14° 5	4°28	19°31	20°41	9°13	7°57	22°34	7°48	T 6
F 7	9 9 22	18° 4'36	23°14	22° 5	5° 3	22°43	18° 8	14° 7	4°29	19°33	20°40	9° 9	7°54	22°40	7°54	F 7
S 8	9 13 18	19° 5'34	6°53	23°49	6° 3	23°31	18° 2	14° 8	4°31	19°34	20°38	9° 6	7°51	22°47	8° 0	S 8
S 9	9 17 15	20° 6'30	20°45	25°34	7° 2	24°18	17°56	14°10	4°32	19°35	20°37	9°D 6	7°48	22°54	8° 6	S 9
M10	9 21 11	21° 7'26	4°49	27°19	8° 1	25° 5	17°50	14°11	4°33	19°37	20°35	9° 6	7°45	23° 0	8°11	M10
T11	9 25 8	22° 8'20	19° 5	29° 5	8°59	25°52	17°45	14°12	4°35	19°38	20°34	9° 8	7°41	23° 7	8°17	T11
W12	9 29 4	23° 9'12	3°31	0°51	9°56	26°40	17°39	14°13	4°36	19°39	20°33	9°R 9	7°38	23°14	8°22	W12
T13	9 33 1	24°10'04	18° 3	2°37	10°53	27°27	17°34	14°14	4°38	19°41	20°31	9° 8	7°35	23°20	8°28	T13
F14	9 36 57	25°10'54	2°37	4°24	11°50	28°14	17°29	14°15	4°40	19°42	20°30	9° 6	7°32	23°27	8°33	F14
S15	9 40 54	26°11'43	17° 7	6°10	12°46	29° 2	17°24	14°16	4°41	19°44	20°28	9° 2	7°29	23°34	8°39	S15
S16	9 44 51	27°12'31	1°26	7°56	13°41	29°49	17°20	14°16	4°43	19°45	20°27	8°55	7°26	23°40	8°44	S16
M17	9 48 47	28°13'18	15°30	9°42	14°36	0°37	17°15	14°17	4°45	19°47	20°26	8°47	7°22	23°47	8°49	M17
T18	9 52 44	29°14'03	29°13	11°28	15°30	1°24	17°11	14°17	4°47	19°48	20°24	8°38	7°19	23°54	8°54	T18
W19	9 56 40	0°14'48	12°32	13°12	16°23	2°11	17° 6	14°18	4°48	19°50	20°23	8°30	7°16	24° 0	9° 0	W19
T20	10 0 37	1°15'31	25°28	14°56	17°15	2°59	17° 2	14°18	4°50	19°52	20°21	8°22	7°13	24° 7	9° 5	T20
F21	10 4 33	2°16'14	8°2	16°38	18° 7	3°46	16°59	14°18	4°52	19°53	20°20	8°17	7°10	24°13	9°10	F21
S22	10 8 30	3°16'56	20°16	18°18	18°58	4°34	16°55	14°R18	4°54	19°55	20°19	8°14	7° 7	24°20	9°14	S22
S23	10 12 26	4°17'36	2°17	19°55	19°49	5°21	16°51	14°18	4°56	19°57	20°17	8°D13	7° 3	24°27	9°19	S23
M24	10 16 23	5°18'16	14° 8	21°30	20°38	6° 8	16°48	14°18	4°58	19°58	20°16	8°13	7° 0	24°33	9°24	M24
T25	10 20 20	6°18'54	25°55	23° 2	21°27	6°56	16°45	14°18	5° 0	20° 0	20°15	8°14	6°57	24°40	9°29	T25
W26	10 24 16	7°19'32	7°34	24°29	22°15	7°43	16°42	14°17	5° 3	20° 2	20°13	8°R15	6°54	24°47	9°34	W26
T27	10 28 13	8°20'08	19°40	25°52	23° 2	8°31	16°39	14°17	5° 5	20° 4	20°12	8°14	6°51	24°53	9°38	T27
F28	10 32 9	9°20'43	1°46	27°10	23°48	9°18	16°37	14°16	5° 7	20°6	20°11	8°11	6°47	25°0	9°43	F28

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17s 8	20s59	2s18	19s10	2s 5	0s16	0n10	16s25	1s 5	22n11	0n 9	13s38	2n26	12n27	0s30	6n12	1s29	20n36	6n26	23n 0	23n 6	21s40	17s25	5n45			
S 2	16 51	18 25	3 15	18 42	2 6	0n14	0 16	16 10	1 5	22 12	0 9	13 38	2 27	12 28	0 30	6 12	1 29	20 37	6 26	23 0	23 6	21 42	17 24	5 45			
M 3	16 34	14 58	4 3	18 13	2 6	0 44	0 22	15 55	1 5	22 13	0 9	13 38	2 27	12 28	0 30	6 13	1 29	20 37	6 26	23 1	23 6	21 43	17 23	5 46			
T 4	16 16	10 46	4 40	17 43	2 6	1 14	0 28	15 40	1 5	22 14	0 9	13 39	2 27	12 29	0 30	6 13	1 29	20 38	6 27	23 1	23 6	21 44	17 22	5 46			
W 5	15 58	6 0	5 3	17 11	2 6	1 44	0 34	15 25	1 5	22 15	0 9	13 39	2 27	12 29	0 30	6 14	1 29	20 38	6 27	23 1	23 6	21 45	17 22	5 46			
T 6	15 40	0 54	5 11	16 37	2 5	2 14	0 41	15 10	1 5	22 16	0 10	13 39	2 28	12 29	0 30	6 14	1 29	20 39	6 27	23 2	23 7	21 46	17 21	5 47			
F 7	15 21	4n19	5 2	16 3	2 3	2 43	0 47	14 55	1 5	22 17	0 10	13 40	2 28	12 30	0 30	6 15	1 29	20 39	6 27	23 2	23 7	21 48	17 20	5 47			
S 8	15 3	9 25	4 35	15 27	2 2	3 13	0 54	14 39	1 5	22 18	0 10	13 40	2 28	12 30	0 30	6 15	1 29	20 40	6 27	23 2	23 7	21 49	17 19	5 48			
S 9	14 44	14 8	3 53	14 49	1 59	3 43	1 1	14 24	1 5	22 19	0 10	13 40	2 28	12 31	0 30	6 16	1 29	20 40	6 27	23 2	23 7	21 50	17 19	5 48			
M10	14 24	18 9	2 55	14 11	1 56	4 12	1 7	14 8	1 5	22 20	0 10	13 40	2 29	12 31	0 30	6 16	1 29	20 41	6 27	23 2	23 7	21 51	17 18	5 49			
T11	14 5	21 8	1 47	13 31	1 53	4 41	1 14	13 52	1 5	22 21	0 10	13 40	2 29	12 32	0 30	6 17	1 29	20 41	6 27	23 2	23 8	21 52	17 17	5 49			
W12	13 45	22 48	0 31	12 50	1 49	5 10	1 21	13 36	1 5	22 22	0 10	13 40	2 29	12 32	0 30	6 18	1 29	20 42	6 27	23 2	23 8	21 54	17 16	5 49			
T13	13 25	22 56	0n48	12 8	1 45	5 39	1 29	13 19	1 5	22 22	0 10	13 40	2 29	12 33	0 30	6 18	1 29	20 42	6 27	23 2	23 8	21 55	17 16	5 50			
F14	13 5	21 30	2 3	11 24	1 39	6 8	1 36	13 3	1 5	22 23	0 10	13 40	2 30	12 34	0 30	6 19	1 29	20 43	6 27	23 2	23 8	21 56	17 15	5 50			
S15	12 44	18 40	3 10	10 40	1 34	6 36	1 43	12 46	1 4	22 24	0 11	13 40	2 30	12 34	0 30	6 19	1 29	20 43	6 27	23 3	23 8	21 57	17 14	5 51			
S16	12 24	14 44	4 4	9 54	1 27	7 5	1 51	12 30	1 4	22 25	0 11	13 40	2 30	12 35	0 30	6 20	1 28	20 44	6 27	23 3	23 9	21 58	17 13	5 51			
M17	12 3	10 2	4 42	9 8	1 20	7 33	1 58	12 13	1 4	22 25	0 11	13 40	2 30	12 35	0 30	6 21	1 28	20 44	6 27	23 4	23 9	22 0	17 12	5 52			
T18	11 42	4 57	5 3	8 21	1 12	8 1	2 6	11 56	1 4	22 26	0 11	13 40	2 31	12 36	0 30	6 21	1 28	20 45	6 28	23 4	23 9	22 1	17 12	5 52			
W19	11 21	0s14	5 6	7 33	1 4	8 28	2 13	11 39	1 4	22 26	0 11	13 40	2 31	12 37	0 30	6 22	1 28	20 45	6 28	23 5	23 9	22 2	17 11	5 53			
T20	10 59	5 15	4 54	6 45	0 55	8 56	2 21	11 22	1 4	22 27	0 11	13 40	2 31	12 37	0 30	6 22	1 28	20 46	6 28	23 5	23 9	22 3	17 10	5 53			
F21	10 38	9 55	4 27	5 57	0 45	9 23	2 29	11 5	1 4	22 28	0 11	13 40	2 31	12 38	0 30	6 23	1 28	20 46	6 28	23 6	23 9	22 4	17 9	5 54			
S22	10 16	14 4	3 49	5 8	0 34	9 50	2 37	10 47	1 4	22 28	0 11	13 39	2 32	12 39	0 30	6 24	1 28	20 47	6 28	23 6	23 10	22 5	17 8	5 54			
S23	9 54	17 35	3 1	4 19	0 23	10 16	2 45	10 30	1 3	22 29	0 11	13 39	2 32	12 39	0 29	6 24	1 28	20 47	6 28	23 6	23 10	22 6	17 7	5 55			
M24	9 32	20 20	2 6	3 31	0 11	10 42	2 53	10 12	1 3	22 29	0 11	13 39	2 32	12 40	0 29	6 25	1 28	20 48	6 28	23 6	23 10	22 8	17 6	5 55			
T25	9 10	22 12	1 6	2 44	0n 2	11 8	3 2	9 55	1 3	22 30	0 12	13 38	2 32	12 41	0 29	6 26	1 28	20 48	6 28	23 6	23 10	22 9	17 6	5 56			
W26	8 47	23 5	0 3	1 57	0 15	11 34	3 10	9 37	1 3	22 30	0 12	13 38	2 33	12 42	0 29	6 26	1 28	20 49	6 28	23 6	23 10	22 10	17 5	5 56			
T27	8 25	22 55	1s 1	1 12	0 29	11 59	3 18	9 19	1 3	22 31	0 12	13 38	2 33	12 42	0 29	6 27	1 28	20 49	6 28	23 6	23 10	22 11	17 4	5 57			
F28	8s 2	21s41	2s 2	0s28	0n43	12n24	3n27	9s 1	1s 3	22n31	0n12	13s37	2n33	12n43	0s29	6n28	1s28	20n50	6n28	23n 6	23n11	22s12	17s 3	5n58			

Julian Day Number = 2703593.5, Delta T = 26m30s

Ecliptic obliquity = 23°20'58", Nutation = - 0°00'16"

Ayanamsha: Fagan/Bradley = 34°23'39", Lahiri = 33°30'39"

## ASTRODIENST EPHEMERIS for the year 2690

MARCH 2690

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 36 6	10 <sup>h</sup> 21'16"	14 <sup>m</sup> 7"	28 <sup>s</sup> 21"	24 <sup>s</sup> 33"	10 <sup>h</sup> 6'	16°R35	14°R15	5 <sup>h</sup> 8'9"	20 <sup>h</sup> 7'	20°R 9	8°R 5	6 <sup>h</sup> 24'	25 <sup>s</sup> 7"	9 <sup>h</sup> 34'	S 1
S 2	10 40 2	11°21'49"	26°44'	29°26'	25°17'	10°53'	16 <sup>h</sup> 32'	14 <sup>m</sup> 15"	5°12'	20° 9	20 <sup>h</sup> 8'	7 <sup>h</sup> 57'	6°41'	25°13'	9°51'	S 2
M 3	10 43 59	12°22'19"	9 <sup>h</sup> 39'	0 <sup>h</sup> 24'	25°59'	11°41'	16°31'	14°14'	5°14'	20°11	20° 7	7°47'	6°38'	25°20'	9°56'	M 3
T 4	10 47 55	13°22'48"	22°50'	1°14'	26°41'	12°28'	16°29'	14°13'	5°16'	20°13	20° 6	7°36'	6°35'	25°27'	10° 0	T 4
W 5	10 51 52	14°23'16"	6 <sup>h</sup> 17'	1°55'	27°22'	13°16'	16°27'	14°12'	5°19'	20°15	20° 4	7°24'	6°32'	25°33'	10° 4	W 5
T 6	10 55 48	15°23'42"	19°55'	2°27'	28° 1	14° 3	16°26'	14°10'	5°21'	20°17	20° 3	7°13'	6°28'	25°40'	10° 8	T 6
F 7	10 59 45	16°24'06"	3 <sup>h</sup> 43'	2°49'	28°40'	14°50'	16°25'	14° 9	5°24'	20°19	20° 2	7° 4	6°25'	25°47'	10°12	F 7
S 8	11 3 42	17°24'28"	17°38'	3° 2	29°16'	15°38'	16°24'	14° 8	5°26'	20°21	20° 1	6°58'	6°22'	25°53'	10°16	S 8
S 9	11 7 38	18°24'49"	1 <sup>h</sup> 38'	3°R 5	29°52'	16°25'	16°23'	14° 6	5°29'	20°23	19°59	6°55'	6°19	26° 0	10°20	S 9
M10	11 11 35	19°25'07"	15°41'	2°58'	0 <sup>h</sup> 26'	17°13'	16°23'	14° 5	5°31'	20°25	19°58	6°D54	6°16	26° 6	10°24	M10
T 11	11 15 31	20°25'24"	29°47'	2°42'	0°59'	18° 0	16°22'	14° 3	5°34'	20°27	19°57	6°R54	6°13	26°13	10°28	T 11
W12	11 19 28	21°25'38"	13 <sup>h</sup> 54'	2°17'	1°30'	18°47'	16°D22	14° 1	5°37'	20°29	19°56	6°54'	6° 9	26°20	10°31	W12
T 13	11 23 24	22°25'51"	28° 2	1°43'	2° 0	19°35'	16°22'	13°59'	5°39'	20°31	19°55	6°53'	6° 6	26°26	10°35	T 13
F 14	11 27 21	23°26'01"	12 <sup>h</sup> 9'	1° 1	2°28'	20°22'	16°23'	13°57'	5°42'	20°33	19°54	6°49'	6° 3	26°33	10°38	F 14
S 15	11 31 17	24°26'10"	26°11'	0°14'	2°54'	21°10'	16°23'	13°55'	5°45'	20°35	19°52	6°42'	6° 0	26°40	10°41	S 15
S 16	11 35 14	25°26'16"	10 <sup>h</sup> 6'	29 <sup>s</sup> 20"	3°19'	21°57'	16°24'	13°53'	5°48'	20°37	19°51	6°32'	5°57'	26°46	10°45	S 16
M17	11 39 11	26°26'21"	23°49'	28°23'	3°41'	22°44'	16°25'	13°50'	5°50'	20°39	19°50	6°20'	5°53'	26°53	10°48	M17
T 18	11 43 7	27°26'24"	7 <sup>h</sup> 17'	27°24'	4° 2	23°32'	16°26'	13°48'	5°53'	20°41	19°49	6° 7	5°50'	27° 0	10°51	T 18
W19	11 47 4	28°26'25"	20°27'	26°23'	4°21'	24°19'	16°27'	13°46'	5°56'	20°43	19°48	5°55'	5°47'	27° 6	10°54	W19
T 20	11 51 0	29°26'24"	3 <sup>h</sup> 17'	25°23'	4°38'	25° 6	16°28'	13°43'	5°59'	20°46	19°47	5°43'	5°44'	27°13	10°57	T 20
F 21	11 54 57	0 <sup>h</sup> 26'21"	15°48'	24°24'	4°53'	25°53'	16°30'	13°40'	6° 2	20°48	19°46	5°34'	5°41'	27°20	11° 0	F 21
S 22	11 58 53	1°26'17"	28° 3	23°28'	5° 5	26°41'	16°32'	13°38'	6° 5	20°50	19°45	5°28'	5°38'	27°26	11° 3	S 22
S 23	12 2 50	2°26'12"	10 <sup>h</sup> 4'	22°36'	5°16'	27°28'	16°34'	13°35'	6° 8	20°52	19°44	5°24'	5°34'	27°33	11° 5	S 23
M24	12 6 46	3°26'04"	21°55'	21°49'	5°24'	28°15'	16°36'	13°32'	6°11'	20°54	19°43	5°23'	5°31'	27°40	11° 8	M24
T 25	12 10 43	4°25'55"	3 <sup>h</sup> 43'	21° 7	5°30'	29° 2	16°38'	13°29'	6°14'	20°56	19°42	5°23'	5°28'	27°46	11°10	T 25
W26	12 14 40	5°25'45"	15°33'	20°30'	5°34'	29°50'	16°41'	13°26'	6°17'	20°59	19°41	5°23'	5°25'	27°53	11°13	W26
T 27	12 18 36	6°25'33"	27°30'	20° 0	5°R35	0 <sup>h</sup> 37'	16°44'	13°23'	6°20'	21° 1	19°40	5°21'	5°22'	27°59	11°15	T 27
F 28	12 22 33	7°25'19"	9 <sup>h</sup> 39'	19°36'	5°34'	1°24'	16°47'	13°20'	6°23'	21° 3	19°40	5°18'	5°18'	28° 6	11°17	F 28
S 29	12 26 29	8°25'03"	22° 5	19°19'	5°30'	2°11'	16°50'	13°16'	6°26'	21° 5	19°39	5°13'	5°15'	28°13	11°20	S 29
S 30	12 30 26	9°24'46"	4 <sup>h</sup> 52'	19° 8	5°24'	2°58'	16°53'	13°13'	6°29'	21° 7	19°38	5° 4	5°12'	28°19	11°22	S 30
M31	12 34 22	10 <sup>h</sup> 24'26"	18 <sup>h</sup> 0'	19°D 3	5 <sup>h</sup> 16'	3 <sup>h</sup> 45'	16 <sup>h</sup> 57'	13 <sup>m</sup> 10"	6 <sup>h</sup> 32'	21 <sup>h</sup> 10	19 <sup>h</sup> 37	4 <sup>h</sup> 53'	5 <sup>h</sup> 9'	28 <sup>s</sup> 26"	11 <sup>h</sup> 24'	M31

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	7s39	19s24	2s59	0n14	0n58	12n49	3n35	8s43	1s 2	22n31	0n12	13s37	2n33	12n44	0s29	6n29	1s28	20n50	6n28	23n 6	23n11	22s13	17s 2	5n58			
S 2	7 17	16 8	3 49	0 53	1 13	13 13	3 44	8 25	1 2	22 32	0 12	13 36	2 34	12 45	0 29	6 29	1 28	20 50	6 28	23 7	23 11	22 14	17 1	5 59			
M 3	6 54	12 3	4 27	1 30	1 28	13 36	3 52	8 7	1 2	22 32	0 12	13 36	2 34	12 45	0 29	6 30	1 28	20 51	6 28	23 7	23 11	22 15	17 0	5 59			
T 4	6 31	7 19	4 53	2 4	1 43	14 0	4 1	7 49	1 2	22 32	0 12	13 35	2 34	12 46	0 29	6 31	1 28	20 51	6 28	23 8	23 11	22 17	17 0	6 0			
W 5	6 7	2 9	5 2	2 34	1 58	14 23	4 10	7 30	1 2	22 33	0 12	13 35	2 34	12 47	0 29	6 31	1 28	20 52	6 28	23 9	23 11	22 18	16 59	6 0			
T 6	5 44	3n12	4 55	3 0	2 12	14 45	4 18	7 12	1 1	22 33	0 12	13 34	2 34	12 48	0 29	6 32	1 28	20 52	6 28	23 9	23 12	22 19	16 58	6 1			
F 7	5 21	8 28	4 31	3 22	2 26	15 7	4 27	6 53	1 1	22 33	0 12	13 34	2 35	12 49	0 29	6 33	1 28	20 53	6 28	23 10	23 12	22 20	16 57	6 2			
S 8	4 57	13 21	3 50	3 39	2 40	15 28	4 36	6 35	1 1	22 33	0 13	13 33	2 35	12 50	0 29	6 34	1 28	20 53	6 28	23 10	23 12	22 21	16 56	6 2			
S 9	4 34	17 33	2 56	3 52	2 52	15 49	4 45	6 16	1 1	22 33	0 13	13 32	2 35	12 50	0 29	6 34	1 28	20 53	6 28	23 10	23 12	22 22	16 55	6 3			
M10	4 10	20 46	1 50	3 59	3 4	16 10	4 53	5 58	1 0	22 34	0 13	13 32	2 35	12 51	0 29	6 35	1 28	20 54	6 28	23 10	23 12	22 23	16 54	6 3			
T 11	3 47	22 43	0 38	4 2	3 14	16 29	5 2	5 39	1 0	22 34	0 13	13 31	2 36	12 52	0 29	6 36	1 28	20 54	6 28	23 10	23 12	22 24	16 53	6 4			
W12	3 23	23 14	0n37	4 0	3 22	16 49	5 11	5 20	1 0	22 34	0 13	13 30	2 36	12 53	0 29	6 37	1 28	20 54	6 28	23 10	23 12	22 25	16 52	6 5			
T 13	3 0	22 16	1 50	3 53	3 29	17 7	5 20	5 1	1 0	22 34	0 13	13 30	2 36	12 54	0 29	6 38	1 28	20 55	6 28	23 10	23 13	22 26	16 52	6 5			
F 14	2 36	19 53	2 55	3 41	3 34	17 25	5 28	4 43	0 59	22 34	0 13	13 29	2 36	12 55	0 29	6 38	1 28	20 55	6 28	23 11	23 13	22 27	16 51	6 6			
S 15	2 12	16 20	3 50	3 25	3 37	17 42	5 37	4 24	0 59	22 34	0 13	13 28	2 36	12 56	0 29	6 39	1 28	20 55	6 28	23 11	23 13	22 28	16 50	6 7			
S 16	1 48	11 55	4 30	3 4	3 38	17 59	5 46	4 5	0 59	22 34	0 13	13 27	2 37	12 57	0 29	6 40	1 28	20 56	6 28	23 11	23 13	22 29	16 49	6 7			
M17	1 25	6 56	4 54	2 40	3 37	18 15	5 54	3 46	0 58	22 34	0 13	13 26	2 37	12 58	0 29	6 41	1 28	20 56	6 28	23 12	23 13	22 30	16 48	6 8			
T 18	1 1	1 43	5 0	2 14	3 33	18 30	6 3	3 27	0 58	22 34	0 13	13 25	2 37	12 59	0 29	6 42	1 28	20 56	6 28	23 13	23 13	22 31	16 47	6 8			
W19	0 37	3s27	4 51	1 45	3 28	18 44	6 11	3 8	0 58	22 34	0 13	13 24	2 37	13 0	0 29	6 42	1 28	20 57	6 28	23 13	23 13	22 32	16 46	6 9			
T 20	0 13	8 22	4 27	1 14	3 20	18 58	6 19	2 49	0 57	22 34	0 14	13 23	2 37	13 1	0 29	6 43	1 28	20 57	6 28	23 14	23 14	22 33	16 45	6 10			
F 21	0n10	12 50	3 50	0 43	3 11	19 10	6 27	2 30	0 57	22 34	0 14	13 22	2 38	13 2	0 29	6 44	1 28	20 57	6 27	23 14	23 14	22 34	16 45	6 10			
S 22	0 34	16 40	3 4	0 11	3 1	19 22	6 35	2 11	0 57	22 33	0 14	13 22	2 38	13 3	0 29	6 45	1 28	20 58	6 27	23 14	23 14	22 35	16 44	6 11			
S 23	0 58	19 44	2 10	0s20	2 49	19 33	6 43	1 52	0 56	22 33	0 14	13 21	2 38	13 4	0 29	6 46	1 28	20 58	6 27	23 14	23 14	22 36	16 43	6 12			
M24	1 22	21 56	1 11	0 51	2 36	19 43	6 50	1 33	0 56	22 33	0 14	13 19	2 38	13 5	0 29	6 46	1 28	20 58	6 27	23 14	23 14	22 37	16 42	6 12			
T 25	1 45	23 9	0 9	1 20	2 22	19 52	6 58	1 14	0 56	22 33	0 14	13 18	2 38	13 6	0 29	6 47	1 28	20 58	6 27	23 14	23 14	22 38	16 41	6 13			
W26	2 9	23 20	0s54	1 48	2 8	19 59	7 4	0 55	0 55	22 33	0 14	13 17	2 39	13 7	0 29	6 48	1 28	20 59	6 27	23 14	23 14	22 39	16 40	6 14			
T 27	2 33	22 27	1 54	2 13	1 53	20 6	7 11	0 36	0 55	22 32	0 14	13 16	2 39	13 8	0 29	6 49	1 28	20 59	6 27	23 14	23 14	22 40	16 39	6 14			
F 28	2 56	20 31	2 51	2 36	1 38	20 11	7 17	0 17	0 55	22 32	0 14	13 15	2 39	13 9	0 29	6 50	1 28	20 59	6 27	23 15	23 15	22 41	16 39	6 15			
S 29	3 20	17 34	3 40	2 57	1 22	20 16	7 23	0n 2	0 54	22 32	0 14	13 14	2 39	13 10	0 29	6 51	1 28	20 59	6 27	23 15	23 15	22 42	16 38	6 16			
S 30	3 43	13 44	4 20	3 15	1 7	20 19	7 29	0 21	0 54	22 31	0 14	13 13	2 39	13 11	0 29	6 51	1 28	20 59	6 27	23 15	23 15	22 43	16 37	6 16			
M31	4n 6	9s 9	4s48	3s31	0n52	20n20	7n34	0n40	0s54	22n31	0n14	13s12	2n39	13n12	0s29	6n52	1s28	21n 0	6n27	23n16	23n15	22s44	16s36	6n17			

Julian Day Number = 2703621.5, Delta T = 26m30s

Ecliptic obliquity = 23°20'58", Nutation = - 0°00'16"

Ayanamsha: Fagan/Bradley = 34°23'43", Lahiri = 33°30'43"

## ASTRODIENST EPHEMERIS for the year 2690

APRIL 2690

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 38 19	11°24'05	1°30	19°4	5°R 5	4°32	17°0	13°R 6	6°36	21°12	19°R36	4°R41	5°06	28°33	11°26	T 1
W 2	12 42 15	12°23'42	15°20	19°10	4°51	5°20	17° 4	13°R 2	6°39	21°14	19°R36	4°R28	5° 3	28°39	11°27	W 2
T 3	12 46 12	13°23'17	29°25	19°23	4°35	6° 7	17° 8	12°59	6°42	21°16	19°35	4°17	4°59	28°46	11°29	T 3
F 4	12 50 9	14°22'50	13°40	19°40	4°17	6°54	17°12	12°55	6°45	21°19	19°34	4° 7	4°56	28°53	11°31	F 4
S 5	12 54 5	15°22'21	28° 0	20° 3	3°56	7°41	17°17	12°51	6°48	21°21	19°33	4° 0	4°53	28°59	11°32	S 5
S 6	12 58 2	16°21'49	12°19	20°30	3°33	8°28	17°21	12°48	6°52	21°23	19°33	3°57	4°50	29° 6	11°33	S 6
M 7	13 1 58	17°21'16	26°36	21° 2	3° 8	9°14	17°26	12°44	6°55	21°26	19°32	3°55	4°47	29°13	11°35	M 7
T 8	13 5 55	18°20'40	10°46	21°38	2°41	10° 1	17°31	12°40	6°58	21°28	19°31	3°55	4°44	29°19	11°36	T 8
W 9	13 9 51	19°20'02	24°49	22°18	2°12	10°48	17°36	12°36	7° 2	21°30	19°31	3°55	4°40	29°26	11°37	W 9
T 10	13 13 48	20°19'21	8°44	23° 2	1°41	11°35	17°41	12°32	7° 5	21°32	19°30	3°54	4°37	29°32	11°38	T 10
F 11	13 17 44	21°18'38	22°31	23°49	1° 8	12°22	17°47	12°28	7° 8	21°35	19°30	3°50	4°34	29°39	11°39	F 11
S 12	13 21 41	22°17'53	6°10	24°39	0°34	13° 9	17°52	12°23	7°12	21°37	19°29	3°44	4°31	29°46	11°40	S 12
S 13	13 25 38	23°17'06	19°39	25°33	29°39	13°55	17°58	12°19	7°15	21°39	19°29	3°36	4°28	29°52	11°41	S 13
M14	13 29 34	24°16'16	2°57	26°30	29°23	14°42	18° 4	12°15	7°18	21°41	19°28	3°25	4°24	29°59	11°41	M14
T 15	13 33 31	25°15'24	16° 2	27°30	28°46	15°29	18°10	12°11	7°22	21°44	19°28	3°13	4°21	0°3 6	11°42	T 15
W16	13 37 27	26°14'30	28°54	28°32	28° 8	16°15	18°16	12° 6	7°25	21°46	19°27	3° 1	4°18	0°12	11°42	W16
T 17	13 41 24	27°13'35	11°30	29°37	27°30	17° 2	18°22	12° 2	7°28	21°48	19°27	2°51	4°15	0°19	11°43	T 17
F 18	13 45 20	28°12'37	23°52	0°44	26°52	17°49	18°29	11°58	7°32	21°51	19°27	2°42	4°12	0°26	11°43	F 18
S 19	13 49 17	29°11'38	6° 1	1°54	26°15	18°35	18°36	11°53	7°35	21°53	19°26	2°36	4° 9	0°32	11°43	S 19
S 20	13 53 13	0°10'36	17°59	3° 6	25°38	19°22	18°42	11°49	7°39	21°55	19°26	2°33	4° 5	0°39	11°43	S 20
M21	13 57 10	1° 9'33	29°50	4°20	25° 1	20° 8	18°49	11°44	7°42	21°57	19°26	2°D32	4° 2	0°46	11°R43	M21
T 22	14 1 6	2° 8'28	11°37	5°37	24°26	20°55	18°56	11°40	7°46	22° 0	19°25	2°32	3°59	0°52	11°43	T 22
W23	14 5 3	3° 7'22	23°27	6°55	23°52	21°41	19° 4	11°35	7°49	22° 2	19°25	2°33	3°56	0°59	11°43	W23
T 24	14 9 0	4° 6'14	5°23	8°15	23°19	22°27	19°11	11°31	7°52	22° 4	19°25	2°R33	3°53	1° 5	11°43	T 24
F 25	14 12 56	5° 5'04	17°32	9°37	22°48	23°14	19°18	11°26	7°56	22° 6	19°25	2°32	3°50	1°12	11°43	F 25
S 26	14 16 53	6° 3'52	29°59	11° 2	22°19	24° 0	19°26	11°22	7°59	22° 8	19°25	2°29	3°46	1°19	11°42	S 26
S 27	14 20 49	7° 2'39	12°48	12°27	21°51	24°46	19°34	11°17	8° 3	22°11	19°24	2°24	3°43	1°25	11°42	S 27
M28	14 24 46	8° 1'24	26° 1	13°55	21°26	25°32	19°42	11°13	8° 6	22°13	19°24	2°18	3°40	1°32	11°41	M28
T 29	14 28 42	9° 0'07	9°40	15°25	21° 3	26°19	19°50	11° 8	8°10	22°15	19°24	2° 9	3°37	1°39	11°40	T 29
W30	14 32 39	9°58'48	23°43	16°56	20°42	27°19	19°58	11°13	8°13	22°17	19°24	2° 1	3°34	1°38	11°39	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	4n30	4s 0	5s 0	3s44	0n38	20n21	7n38	0n59	0s53	22n31	0n14	13s11	2n39	13n13	0s29	6n53
W 2	4 53	1n28	4 55	3 55	0 23	20 20	7 42	1 18	0 53	22 30	0 14	13 9	2 40	13 14	0 29	6 54
T 3	5 16	6 58	4 33	4 3	0 9	20 18	7 45	1 37	0 52	22 30	0 15	13 8	2 40	13 15	0 29	6 55
F 4	5 39	12 11	3 53	4 8	0s 4	20 14	7 48	1 56	0 52	22 29	0 15	13 7	2 40	13 16	0 29	6 56
S 5	6 2	16 45	2 58	4 11	0 17	20 9	7 50	2 15	0 52	22 29	0 15	13 6	2 40	13 17	0 29	6 57
S 6	6 25	20 20	1 52	4 12	0 29	20 2	7 51	2 33	0 51	22 28	0 15	13 4	2 40	13 18	0 29	6 57
M 7	6 47	22 40	0 39	4 11	0 41	19 54	7 52	2 52	0 51	22 28	0 15	13 3	2 40	13 19	0 29	6 58
T 8	7 10	23 31	0n36	4 7	0 53	19 44	7 52	3 11	0 50	22 27	0 15	13 2	2 40	13 20	0 29	6 59
W 9	7 32	22 52	1 48	4 1	1 4	19 33	7 51	3 30	0 50	22 27	0 15	13 1	2 41	13 22	0 29	7 0
T 10	7 55	20 48	2 54	3 53	1 14	19 20	7 49	3 48	0 49	22 26	0 15	12 59	2 41	13 23	0 29	7 1
F 11	8 17	17 33	3 48	3 44	1 23	19 6	7 47	4 7	0 49	22 25	0 15	12 58	2 41	13 24	0 28	7 2
S 12	8 39	13 22	4 28	3 32	1 33	18 51	7 43	4 26	0 49	22 25	0 15	12 57	2 41	13 25	0 28	7 2
S 13	9 1	8 35	4 53	3 18	1 41	18 34	7 39	4 44	0 48	22 24	0 15	12 55	2 41	13 26	0 28	7 3
M14	9 23	3 27	5 2	3 3	1 49	18 16	7 34	5 2	0 48	22 23	0 15	12 54	2 41	13 27	0 28	7 4
T 15	9 44	1s45	4 55	2 46	1 56	17 57	7 28	5 21	0 47	22 22	0 15	12 53	2 41	13 28	0 28	7 5
W16	10 6	6 47	4 32	2 28	2 3	17 37	7 21	5 39	0 47	22 22	0 15	12 51	2 41	13 29	0 28	7 6
T 17	10 27	11 28	3 57	2 8	2 9	17 16	7 13	5 57	0 46	22 21	0 15	12 50	2 41	13 30	0 28	7 7
F 18	10 48	15 35	3 11	1 46	2 15	16 54	7 4	6 15	0 46	22 20	0 15	12 48	2 41	13 31	0 28	7 7
S 19	11 9	18 59	2 17	1 23	2 20	16 32	6 55	6 34	0 45	22 19	0 16	12 47	2 41	13 33	0 28	7 8
S 20	11 30	21 32	1 17	0 59	2 25	16 9	6 45	6 52	0 45	22 18	0 16	12 46	2 41	13 34	0 28	7 9
M21	11 50	23 7	0 14	0 33	2 29	15 45	6 34	7 9	0 44	22 17	0 16	12 44	2 41	13 35	0 28	7 10
T 22	12 10	23 39	0s49	0 6	2 32	15 21	6 22	7 27	0 44	22 17	0 16	12 43	2 41	13 36	0 28	7 11
W23	12 30	23 7	1 50	0n22	2 35	14 58	6 10	7 45	0 43	22 16	0 16	12 41	2 41	13 37	0 28	7 12
T 24	12 50	21 33	2 47	0 51	2 37	14 34	5 58	8 3	0 43	22 15	0 16	12 40	2 42	13 38	0 28	7 12
F 25	13 10	18 58	3 37	1 22	2 39	14 10	5 45	8 20	0 42	22 14	0 16	12 39	2 42	13 39	0 28	7 13
S 26	13 30	15 28	4 19	1 53	2 40	13 47	5 32	8 38	0 42	22 13	0 16	12 37	2 42	13 40	0 28	7 14
S 27	13 49	11 11	4 49	2 26	2 41	13 24	5 18	8 55	0 41	22 12	0 16	12 36	2 42	13 41	0 28	7 15
M28	14 8	6 14	5 3	0	2 41	13 1	5 4	9 12	0 41	22 11	0 16	12 34	2 42	13 43	0 28	7 16
T 29	14 27	0 51	5 4	3 34	2 41	12 40	4 50	9 30	0 40	22 9	0 16	12 33	2 42	13 44	0 28	7 16
W30	14n45	4n45	4s45	4n10	2s40	12n18	4n36	9n47	0s40	22n 8	0n16	12s32	2n42	13n45	0s28	7n17

Julian Day Number = 2703652.5, Delta T = 26m30s

Ecliptic obliquity = 23°20'59", Nutation = - 0°00'18"

Ayanamsha: Fagan/Bradley = 34°23'48", Lahiri = 33°30'47"

## ASTRODIENST EPHEMERIS for the year 2690

MAY 2690

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 36 35	10♈57'28	8♈ 7	18°Y29	20°R23	27°Y51	20° 6	10°R59	8♈16	22°Y19	19°D24	1°R52	3♈30	1♈52	11°R38	T 1
F 2	14 40 32	11°56'05	22°45	20° 4	20°Y 7	28°37	20°14	10°M54	8°20	22°22	19°D24	1°D46	3°27	1°59	11°R37	F 2
S 3	14 44 29	12°54'41	7♈30	21°40	19°53	29°23	20°23	10°50	8°23	22°24	19°24	1°41	3°24	2° 5	11°36	S 3
S 4	14 48 25	13°53'15	22°14	23°18	19°41	0♈ 9	20°32	10°45	8°27	22°26	19°24	1°39	3°21	2°12	11°35	S 4
M 5	14 52 22	14°51'47	6♈52	24°58	19°32	0°55	20°40	10°40	8°30	22°28	19°24	1°D39	3°18	2°19	11°34	M 5
T 6	14 56 18	15°50'17	21°18	26°40	19°26	1°41	20°49	10°36	8°34	22°30	19°24	1°40	3°15	2°25	11°33	T 6
W 7	15 0 15	16°48'45	5♈30	28°23	19°21	2°27	20°58	10°31	8°37	22°32	19°25	1°41	3°11	2°32	11°31	W 7
T 8	15 4 11	17°47'10	19°26	0♈ 8	19°D20	3°12	21° 7	10°27	8°40	22°34	19°25	1°R42	3° 8	2°39	11°30	T 8
F 9	15 8 8	18°45'33	3♈ 6	1°55	19°20	3°58	21°17	10°22	8°44	22°37	19°25	1°41	3° 5	2°45	11°28	F 9
S 10	15 12 4	19°43'54	16°31	3°43	19°23	4°44	21°26	10°18	8°47	22°39	19°25	1°38	3° 2	2°52	11°26	S 10
S 11	15 16 1	20°42'14	29°42	5°34	19°28	5°29	21°35	10°13	8°51	22°41	19°25	1°33	2°59	2°58	11°25	S 11
M12	15 19 58	21°40'31	12♈39	7°26	19°35	6°15	21°45	10° 9	8°54	22°43	19°26	1°27	2°56	3° 5	11°23	M12
T13	15 23 54	22°38'46	25°22	9°19	19°45	7° 1	21°55	10° 4	8°57	22°45	19°26	1°20	2°52	3°12	11°21	T13
W14	15 27 51	23°36'59	7♈54	11°15	19°57	7°46	22° 4	10° 0	9° 1	22°47	19°26	1°14	2°49	3°18	11°19	W14
T15	15 31 47	24°35'11	20°14	13°12	20°10	8°32	22°14	9°55	9° 4	22°49	19°27	1° 8	2°46	3°25	11°17	T15
F16	15 35 44	25°33'21	2♈24	15°11	20°26	9°17	22°24	9°51	9° 7	22°51	19°27	1° 3	2°43	3°32	11°14	F16
S17	15 39 40	26°31'29	14°24	17°12	20°44	10° 2	22°34	9°47	9°11	22°53	19°27	1° 0	2°40	3°38	11°12	S17
S18	15 43 37	27°29'36	26°17	19°14	21° 3	10°48	22°44	9°42	9°14	22°55	19°28	0°D59	2°36	3°45	11°10	S18
M19	15 47 33	28°27'41	8♈ 6	21°18	21°25	11°33	22°55	9°38	9°17	22°57	19°28	0°59	2°33	3°52	11° 7	M19
T20	15 51 30	29°25'45	19°53	23°23	21°48	12°18	23° 5	9°34	9°21	22°59	19°29	1° 0	2°30	3°58	11° 5	T20
W21	15 55 27	0♈23'48	1♈43	25°29	22°13	13° 3	23°15	9°30	9°24	23° 1	19°29	1° 2	2°27	4° 5	11° 2	W21
T22	15 59 23	1°21'49	13°40	27°37	22°39	13°49	23°26	9°26	9°27	23° 2	19°30	1° 3	2°24	4°12	11° 0	T22
F23	16 3 20	2°19'48	25°48	29°46	23° 8	14°34	23°36	9°22	9°30	23° 4	19°30	1° 4	2°21	4°18	10°57	F23
S24	16 7 16	3°17'47	8♈13	1♈56	23°37	15°19	23°47	9°18	9°34	23° 6	19°31	1°R 5	2°17	4°25	10°54	S24
S25	16 11 13	4°15'44	20°59	4° 7	24° 8	16° 4	23°58	9°14	9°37	23° 8	19°32	1° 3	2°14	4°31	10°52	S25
M26	16 15 9	5°13'40	4°Y10	6°18	24°41	16°49	24° 9	9°10	9°40	23°10	19°32	1° 1	2°11	4°38	10°49	M26
T27	16 19 6	6°11'35	17°47	8°29	25°15	17°33	24°20	9° 6	9°43	23°12	19°33	0°58	2° 8	4°45	10°46	T27
W28	16 23 2	7° 9'28	1♈52	10°40	25°50	18°18	24°31	9° 2	9°46	23°13	19°33	0°55	2° 5	4°51	10°43	W28
T29	16 26 59	8° 7'20	16°21	12°51	26°26	19° 3	24°42	8°58	9°49	23°15	19°34	0°52	2° 1	4°58	10°40	T29
F30	16 30 56	9° 5'12	1♈10	15° 2	27° 4	19°48	24°53	8°55	9°53	23°17	19°35	0°49	1°58	5° 5	10°37	F30
S31	16 34 52	10♈ 3'01	16♈11	17♈11	27°Y42	20♈32	25° 4	8♈51	9♈56	23°Y19	19°D36	0°D48	1°D55	5♈11	10♈33	S31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	15n 3	10n15	4s 8	4n46	2s39	11n58	4n21	10n 4	0s39	22n 7	0n16	12s30	2n42	13n46	0s28	7n18	T 1
F 2	15 22	15 16	3 14	5 24	2 37	11 39	4 7	10 21	0 38	22 6	0 16	12 29	2 42	13 47	0 28	7 19	F 2
S 3	15 39	19 24	2 7	6 2	2 34	11 20	3 53	10 37	0 38	22 5	0 16	12 27	2 42	13 48	0 28	7 20	S 3
S 4	15 57	22 17	0 51	6 40	2 31	11 3	3 38	10 54	0 37	22 3	0 16	12 26	2 42	13 49	0 28	7 20	S 4
M 5	16 14	23 39	0n28	7 20	2 28	10 46	3 24	11 10	0 37	22 2	0 16	12 25	2 41	13 50	0 28	7 21	M 5
T 6	16 31	23 23	1 44	8 0	2 24	10 30	3 10	11 27	0 36	22 1	0 17	12 23	2 41	13 51	0 28	7 22	T 6
W 7	16 48	21 37	2 53	8 41	2 19	10 16	2 56	11 43	0 36	22 0	0 17	12 22	2 41	13 52	0 28	7 23	W 7
T 8	17 4	18 34	3 50	9 23	2 14	10 3	2 42	11 59	0 35	21 58	0 17	12 21	2 41	13 54	0 28	7 23	T 8
F 9	17 20	14 34	4 32	10 4	2 9	9 50	2 29	12 15	0 34	21 57	0 17	12 19	2 41	13 55	0 28	7 24	F 9
S 10	17 36	9 54	4 59	10 47	2 3	9 39	2 16	12 31	0 34	21 56	0 17	12 18	2 41	13 56	0 28	7 25	S 10
S 11	17 52	4 51	5 10	11 30	1 57	9 29	2 3	12 47	0 33	21 54	0 17	12 17	2 41	13 57	0 28	7 26	S 11
M12	18 7	0s18	5 4	12 12	1 50	9 20	1 50	13 2	0 33	21 53	0 17	12 15	2 41	13 58	0 28	7 26	M12
T13	18 22	5 23	4 43	12 56	1 42	9 12	1 37	13 18	0 32	21 51	0 17	12 14	2 41	13 59	0 28	7 27	T13
W14	18 36	10 9	4 9	13 39	1 34	9 5	1 25	13 33	0 32	21 50	0 17	12 13	2 41	14 0	0 28	7 28	W14
T15	18 51	14 28	3 24	14 22	1 26	8 59	1 13	13 48	0 31	21 48	0 17	12 11	2 41	14 1	0 28	7 28	T15
F16	19 5	18 7	2 30	15 5	1 18	8 54	1 2	14 3	0 30	21 47	0 17	12 10	2 41	14 2	0 28	7 29	F16
S17	19 18	20 58	1 29	15 48	1 9	8 51	0 50	14 18	0 30	21 45	0 17	12 9	2 41	14 3	0 28	7 30	S17
S18	19 32	22 52	0 26	16 31	0 59	8 48	0 40	14 33	0 29	21 43	0 17	12 8	2 41	14 4	0 28	7 31	S18
M19	19 45	23 45	0s39	17 13	0 50	8 46	0 29	14 47	0 29	21 42	0 17	12 6	2 40	14 5	0 28	7 31	M19
T20	19 57	23 34	1 42	17 55	0 40	8 45	0 19	15 2	0 28	21 40	0 17	12 5	2 40	14 6	0 28	7 32	T20
W21	20 9	22 19	2 41	18 35	0 29	8 45	0 9	15 16	0 27	21 38	0 17	12 4	2 40	14 7	0 28	7 33	W21
T22	20 21	20 4	3 33	19 15	0 19	8 46	0s 1	15 30	0 27	21 37	0 17	12 3	2 40	14 8	0 28	7 33	T22
F23	20 33	16 54	4 17	19 53	0 9	8 47	0 11	15 44	0 26	21 35	0 17	12 2	2 40	14 9	0 28	7 34	F23
S24	20 44	12 56	4 50	20 30	0n 2	8 50	0 20	15 58	0 25	21 33	0 18	12 1	2 40	14 10	0 28	7 35	S24
S25	20 55	8 18	5 10	21 6	0 12	8 53	0 28	16 11	0 25	21 31	0 18	11 59	2 40	14 11	0 28	7 35	S25
M26	21 6	3 9	5 14	21 39	0 23	8 57	0 37	16 25	0 24	21 30	0 18	11 58	2 40	14 12	0 28	7 36	M26
T27	21 16	2n19	5 1	22 11	0 33	9 2	0 45	16 38	0 24	21 28	0 18	11 57	2 39	14 13	0 28	7 36	T27
W28	21 25	7 51	4 30	22 41	0 43	9 7	0 53	16 51	0 23	21 26	0 18	11 56	2 39	14 14	0 28	7 37	W28
T29	21 35	13 8	3 41	23 8	0 53	9 13	1 1	17 4	0 22	21 24	0 18	11 55	2 39	14 15	0 28	7 38	T29
F30	21 44	17 46	2 36	23 33	1 2	9 20	1 8	17 16	0 22	21 22	0 18	11 54	2 39	14 16	0 28	7 38	F30
S31	21n52	21n19	1s20	23n55	1n11	9n27	1s15	17n29	0s21	21n20	0n18	11s53	2n39	14n17	0s28	7n39	S31

Julian Day Number = 2703682.5, Delta T = 26m31s

Ecliptic obliquity = 23°20'58", Nutation = - 0°00'19"

Ayanamsha: Fagan/Bradley = 34°23'52", Lahiri = 33°30'52"

## ASTRODIENST EPHEMERIS for the year 2690

JUNE 2690

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 38 49	11 <sup>II</sup> 0°50	1 <sup>☾</sup> 15	19 <sup>II</sup> 19	28 <sup>Y</sup> 22	21 <sup>♂</sup> 17	25 <sup>☾</sup> 16	8°R48	9 <sup>♂</sup> 59	23 <sup>Y</sup> 20	19 <sup>♂</sup> 36	0°D47	1 <sup>☾</sup> 52	5 <sup>♂</sup> 18	10°R30	S 1
M 2	16 42 45	11°58'37	16°14	21°26	29° 3	22° 2	25°27	8 <sup>♂</sup> 44	10° 2	23°22	19°37	0 <sup>☾</sup> 48	1°49	5°25	10 <sup>♂</sup> 27	M 2
T 3	16 46 42	12°56'22	1 <sup>♂</sup> 0	23°31	29°45	22°46	25°39	8°41	10° 5	23°24	19°38	0°49	1°46	5°31	10°24	T 3
W 4	16 50 38	13°54'06	15°27	25°34	0 <sup>♂</sup> 28	23°31	25°50	8°37	10° 8	23°25	19°39	0°50	1°42	5°38	10°20	W 4
T 5	16 54 35	14°51'49	29°34	27°35	1°12	24°15	26° 2	8°34	10°11	23°27	19°40	0°51	1°39	5°45	10°17	T 5
F 6	16 58 32	15°49'29	13 <sup>♂</sup> 17	29°34	1°56	24°59	26°13	8°31	10°14	23°28	19°41	0°R51	1°36	5°51	10°13	F 6
S 7	17 2 28	16°47'09	26°39	1 <sup>☾</sup> 31	2°42	25°44	26°25	8°28	10°17	23°30	19°42	0°51	1°33	5°58	10°10	S 7
S 8	17 6 25	17°44'46	9 <sup>♂</sup> 41	3°25	3°28	26°28	26°37	8°25	10°20	23°31	19°43	0°50	1°30	6° 5	10° 6	S 8
M 9	17 10 21	18°42'23	22°25	5°16	4°15	27°12	26°49	8°22	10°22	23°33	19°44	0°49	1°27	6°11	10° 2	M 9
T 10	17 14 18	19°39'58	4 <sup>♂</sup> 54	7° 5	5° 3	27°56	27° 1	8°19	10°25	23°34	19°45	0°48	1°23	6°18	9°59	T 10
W 11	17 18 14	20°37'31	17°11	8°51	5°52	28°40	27°13	8°16	10°28	23°36	19°46	0°46	1°20	6°24	9°55	W 11
T 12	17 22 11	21°35'04	29°17	10°35	6°41	29°24	27°25	8°13	10°31	23°37	19°47	0°45	1°17	6°31	9°51	T 12
F 13	17 26 7	22°32'35	11 <sup>♂</sup> 15	12°15	7°31	0 <sup>II</sup> 8	27°37	8°11	10°34	23°39	19°48	0°44	1°14	6°38	9°48	F 13
S 14	17 30 4	23°30'06	23° 8	13°53	8°22	0°52	27°49	8° 8	10°36	23°40	19°49	0°44	1°11	6°44	9°44	S 14
S 15	17 34 1	24°27'35	4 <sup>♂</sup> 56	15°27	9°14	1°36	28° 1	8° 6	10°39	23°41	19°50	0°D43	1° 7	6°51	9°40	S 15
M 16	17 37 57	25°25'04	16°44	16°59	10° 6	2°20	28°14	8° 3	10°42	23°43	19°51	0°44	1° 4	6°58	9°36	M 16
T 17	17 41 54	26°22'31	28°33	18°28	10°58	3° 4	28°26	8° 1	10°44	23°44	19°52	0°44	1° 1	7° 4	9°32	T 17
W 18	17 45 50	27°19'58	10 <sup>♂</sup> 26	19°54	11°51	3°47	28°38	7°59	10°47	23°45	19°53	0°45	0°58	7°11	9°28	W 18
T 19	17 49 47	28°17'24	22°26	21°17	12°45	4°31	28°51	7°57	10°50	23°46	19°55	0°45	0°55	7°18	9°24	T 19
F 20	17 53 43	29°14'50	4 <sup>♂</sup> 37	22°37	13°39	5°14	29° 3	7°55	10°52	23°47	19°56	0°45	0°52	7°24	9°20	F 20
S 21	17 57 40	0 <sup>☾</sup> 12'14	17° 3	23°54	14°34	5°58	29°16	7°53	10°55	23°49	19°57	0°45	0°48	7°31	9°16	S 21
S 22	18 1 36	1° 9'39	29°47	25° 8	15°30	6°41	29°28	7°51	10°57	23°50	19°58	0°45	0°45	7°38	9°12	S 22
M 23	18 5 33	2° 7'03	12 <sup>Y</sup> 53	26°19	16°25	7°25	29°41	7°49	11° 0	23°51	19°59	0°45	0°42	7°44	9° 8	M 23
T 24	18 9 30	3° 4'26	2 <sup>♂</sup> 54	27°26	17°22	8° 8	29°54	7°48	11° 2	23°52	20° 1	0°45	0°39	7°51	9° 4	T 24
W 25	18 13 26	4° 1'49	10 <sup>♂</sup> 20	28°30	18°18	8°52	0 <sup>♂</sup> 6	7°46	11° 4	23°53	20° 2	0°46	0°36	7°57	9° 0	W 25
T 26	18 17 23	4°59'11	24°42	29°31	19°16	9°35	0°19	7°45	11° 7	23°54	20° 3	0°46	0°33	8° 4	8°56	T 26
F 27	18 21 19	5°56'34	9 <sup>II</sup> 27	0 <sup>♂</sup> 29	20°13	10°18	0°32	7°43	11° 9	23°55	20° 5	0°46	0°29	8°11	8°52	F 27
S 28	18 25 16	6°53'55	24°29	1°23	21°11	11° 1	0°45	7°42	11°11	23°56	20° 6	0°R47	0°26	8°17	8°48	S 28
S 29	18 29 12	7°51'17	9 <sup>☾</sup> 39	2°13	22° 9	11°44	0°57	7°41	11°14	23°57	20° 7	0°46	0°23	8°24	8°44	S 29
M 30	18 33 9	8° <sup>☾</sup> 48'38	24 <sup>☾</sup> 49	2 <sup>♂</sup> 59	23 <sup>♂</sup> 8	12 <sup>II</sup> 27	1 <sup>♂</sup> 10	7 <sup>♂</sup> 40	11 <sup>♂</sup> 16	23 <sup>Y</sup> 58	20 <sup>♂</sup> 9	0 <sup>☾</sup> 46	0 <sup>☾</sup> 20	8 <sup>♂</sup> 31	8 <sup>♂</sup> 40	M 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	22n 1	23n23	0n 3	24n15	1n20	9n35	1s22	17n41	0s20	21n18	0n18	11s52	2n39	14n18	0s28	7n39
M 2	22 8	23 46	1 24	24 32	1 28	9 43	1 28	17 53	0 20	21 16	0 18	11 51	2 38	14 19	0 28	7 40
T 3	22 16	22 27	2 39	24 46	1 35	9 52	1 34	18 5	0 19	21 14	0 18	11 50	2 38	14 20	0 28	7 41
W 4	22 23	19 41	3 43	24 58	1 42	10 1	1 40	18 17	0 18	21 12	0 18	11 50	2 38	14 21	0 28	7 41
T 5	22 30	15 48	4 31	25 7	1 48	10 11	1 46	18 29	0 18	21 10	0 18	11 49	2 38	14 22	0 28	7 42
F 6	22 36	11 11	5 2	25 14	1 53	10 21	1 52	18 40	0 17	21 8	0 18	11 48	2 38	14 23	0 28	7 42
S 7	22 42	6 9	5 16	25 18	1 57	10 32	1 57	18 51	0 16	21 5	0 18	11 47	2 37	14 24	0 28	7 43
S 8	22 47	0 59	5 13	25 19	2 1	10 43	2 2	19 2	0 16	21 3	0 18	11 46	2 37	14 25	0 28	7 43
M 9	22 52	4s 8	4 55	25 18	2 4	10 54	2 6	19 13	0 15	21 1	0 19	11 46	2 37	14 26	0 28	7 44
T 10	22 57	8 59	4 22	25 15	2 6	11 6	2 11	19 24	0 14	20 59	0 19	11 45	2 37	14 27	0 28	7 44
W 11	23 1	13 24	3 39	25 10	2 7	11 18	2 15	19 34	0 14	20 57	0 19	11 44	2 37	14 27	0 28	7 45
T 12	23 5	17 13	2 46	25 3	2 8	11 30	2 19	19 44	0 13	20 54	0 19	11 44	2 36	14 28	0 28	7 45
F 13	23 8	20 18	1 46	24 54	2 7	11 43	2 23	19 54	0 12	20 52	0 19	11 43	2 36	14 29	0 28	7 46
S 14	23 11	22 28	0 42	24 43	2 6	11 55	2 27	20 4	0 12	20 50	0 19	11 42	2 36	14 30	0 28	7 46
S 15	23 14	23 39	0s23	24 31	2 5	12 8	2 30	20 13	0 11	20 47	0 19	11 42	2 36	14 31	0 28	7 47
M 16	23 16	23 45	1 28	24 17	2 2	12 22	2 33	20 23	0 10	20 45	0 19	11 41	2 36	14 32	0 28	7 47
T 17	23 18	22 48	2 29	24 2	1 58	12 35	2 36	20 32	0 10	20 42	0 19	11 41	2 35	14 32	0 28	7 47
W 18	23 19	20 49	3 23	23 46	1 54	12 48	2 39	20 41	0 9	20 40	0 19	11 40	2 35	14 33	0 28	7 48
T 19	23 20	17 55	4 10	23 28	1 49	13 2	2 42	20 50	0 8	20 38	0 19	11 40	2 35	14 34	0 28	7 48
F 20	23 21	14 12	4 45	23 10	1 44	13 16	2 44	20 58	0 8	20 35	0 19	11 39	2 35	14 35	0 28	7 49
S 21	23 21	9 50	5 9	22 50	1 37	13 30	2 47	21 7	0 7	20 33	0 19	11 39	2 34	14 36	0 28	7 49
S 22	23 21	4 57	5 18	22 30	1 30	13 44	2 49	21 15	0 6	20 30	0 19	11 39	2 34	14 36	0 28	7 49
M 23	23 20	0n18	5 11	22 9	1 22	13 58	2 51	21 23	0 5	20 27	0 19	11 38	2 34	14 37	0 28	7 50
T 24	23 19	5 41	4 47	21 48	1 14	14 12	2 52	21 30	0 5	20 25	0 19	11 38	2 34	14 38	0 28	7 50
W 25	23 17	10 59	4 5	21 26	1 4	14 26	2 54	21 38	0 4	20 22	0 20	11 38	2 33	14 39	0 28	7 50
T 26	23 15	15 51	3 7	21 4	0 54	14 40	2 55	21 45	0 3	20 20	0 20	11 37	2 33	14 39	0 29	7 51
F 27	23 13	19 53	1 56	20 41	0 44	14 54	2 56	21 52	0 3	20 17	0 20	11 37	2 33	14 40	0 29	7 51
S 28	23 10	22 39	0 35	20 19	0 33	15 8	2 57	21 59	0 2	20 14	0 20	11 37	2 33	14 41	0 29	7 51
S 29	23 7	23 49	0n49	19 56	0 21	15 22	2 58	22 5	0 1	20 11	0 20	11 37	2 32	14 41	0 29	7 52
M 30	23n 3	23n13	2n10	19n33	0n 9	15n36	2s59	22n12	0s 1	20n 9	0n20	11s37	2n32	14n42	0s29	7n52

Julian Day Number = 2703713.5, Delta T = 26m31s

Ecliptic obliquity = 23°20'58", Nutation = - 0°00'18"

Ayanamsha: Fagan/Bradley = 34°23'56", Lahiri = 33°30'56"

## ASTRODIENST EPHEMERIS for the year 2690

JULY 2690

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 37 5	9 <sup>58</sup> 45'58	9 <sup>50</sup> 02	3 <sup>42</sup> 02	24 <sup>8</sup> 7	13 <sup>11</sup> 10	1 <sup>23</sup> 02	7 <sup>39</sup> 18	11 <sup>18</sup> 18	23 <sup>59</sup> 59	20 <sup>10</sup> 10	0 <sup>45</sup> 00	0 <sup>17</sup> 00	8 <sup>37</sup> 37	8 <sup>36</sup> 36	T 1
W 2	18 41 2	10 <sup>43</sup> 17	24 <sup>32</sup> 02	4 <sup>21</sup> 25	25 <sup>7</sup> 7	13 <sup>53</sup> 13	1 <sup>36</sup> 13	7 <sup>38</sup> 11	11 <sup>20</sup> 24	24 <sup>0</sup> 0	20 <sup>12</sup> 12	0 <sup>44</sup> 00	0 <sup>13</sup> 00	8 <sup>44</sup> 32	8 <sup>32</sup> 32	W 2
T 3	18 44 59	11 <sup>40</sup> 36	8 <sup>17</sup> 51	4 <sup>56</sup> 26	26 <sup>6</sup> 6	14 <sup>36</sup> 14	1 <sup>49</sup> 14	7 <sup>37</sup> 11	11 <sup>22</sup> 24	24 <sup>0</sup> 0	20 <sup>13</sup> 13	0 <sup>43</sup> 00	0 <sup>10</sup> 00	8 <sup>51</sup> 28	8 <sup>28</sup> 28	T 3
F 4	18 48 55	12 <sup>37</sup> 54	22 <sup>44</sup> 22	5 <sup>26</sup> 27	27 <sup>7</sup> 7	15 <sup>19</sup> 15	2 <sup>2</sup> 15	7 <sup>36</sup> 11	11 <sup>24</sup> 24	24 <sup>1</sup> 1	20 <sup>15</sup> 15	0 <sup>42</sup> 00	0 <sup>7</sup> 00	8 <sup>57</sup> 24	8 <sup>24</sup> 24	F 4
S 5	18 52 52	13 <sup>35</sup> 11	6 <sup>11</sup> 11	5 <sup>52</sup> 28	28 <sup>7</sup> 7	16 <sup>1</sup> 16	2 <sup>15</sup> 15	7 <sup>36</sup> 11	11 <sup>26</sup> 26	24 <sup>2</sup> 2	20 <sup>16</sup> 16	0 <sup>41</sup> 00	0 <sup>4</sup> 00	9 <sup>4</sup> 20	8 <sup>20</sup> 20	S 5
S 6	18 56 48	14 <sup>32</sup> 27	19 <sup>12</sup> 12	6 <sup>14</sup> 29	29 <sup>8</sup> 8	16 <sup>44</sup> 16	2 <sup>28</sup> 16	7 <sup>35</sup> 11	11 <sup>28</sup> 28	24 <sup>3</sup> 3	20 <sup>17</sup> 17	0 <sup>41</sup> 00	0 <sup>1</sup> 00	9 <sup>11</sup> 16	8 <sup>16</sup> 16	S 6
M 7	19 0 45	15 <sup>29</sup> 43	1 <sup>52</sup> 02	6 <sup>32</sup> 02	0 <sup>11</sup> 9	17 <sup>27</sup> 17	2 <sup>41</sup> 17	7 <sup>35</sup> 11	11 <sup>30</sup> 30	24 <sup>3</sup> 3	20 <sup>19</sup> 19	0 <sup>42</sup> 00	29 <sup>58</sup> 29	9 <sup>17</sup> 17	8 <sup>12</sup> 12	M 7
T 8	19 4 41	16 <sup>26</sup> 59	14 <sup>14</sup> 14	6 <sup>45</sup> 10	1 <sup>10</sup> 18	18 <sup>9</sup> 18	2 <sup>55</sup> 18	7 <sup>34</sup> 11	11 <sup>32</sup> 32	24 <sup>4</sup> 4	20 <sup>20</sup> 20	0 <sup>43</sup> 00	29 <sup>54</sup> 29	9 <sup>24</sup> 17	8 <sup>8</sup> 8	T 8
W 9	19 8 38	17 <sup>24</sup> 14	26 <sup>21</sup> 21	6 <sup>53</sup> 21	2 <sup>11</sup> 18	18 <sup>52</sup> 18	3 <sup>8</sup> 18	7 <sup>34</sup> 11	11 <sup>34</sup> 34	24 <sup>4</sup> 4	20 <sup>22</sup> 22	0 <sup>44</sup> 00	29 <sup>51</sup> 29	9 <sup>31</sup> 18	8 <sup>4</sup> 4	W 9
T 10	19 12 34	18 <sup>21</sup> 28	8 <sup>19</sup> 19	6 <sup>57</sup> 31	3 <sup>13</sup> 19	19 <sup>34</sup> 19	3 <sup>21</sup> 19	7 <sup>34</sup> 11	11 <sup>36</sup> 36	24 <sup>5</sup> 5	20 <sup>24</sup> 24	0 <sup>46</sup> 00	29 <sup>48</sup> 29	9 <sup>37</sup> 18	8 <sup>0</sup> 0	T 10
F 11	19 16 31	19 <sup>18</sup> 42	20 <sup>10</sup> 10	6 <sup>56</sup> 41	4 <sup>15</sup> 20	20 <sup>16</sup> 20	3 <sup>34</sup> 20	7 <sup>34</sup> 11	11 <sup>37</sup> 37	24 <sup>6</sup> 6	20 <sup>25</sup> 25	0 <sup>47</sup> 00	29 <sup>45</sup> 29	9 <sup>44</sup> 18	7 <sup>56</sup> 18	F 11
S 12	19 20 28	20 <sup>15</sup> 56	1 <sup>58</sup> 18	6 <sup>51</sup> 51	5 <sup>18</sup> 20	20 <sup>59</sup> 20	3 <sup>47</sup> 20	7 <sup>34</sup> 11	11 <sup>39</sup> 39	24 <sup>6</sup> 6	20 <sup>27</sup> 27	0 <sup>47</sup> 00	29 <sup>42</sup> 29	9 <sup>50</sup> 18	7 <sup>52</sup> 18	S 12
S 13	19 24 24	21 <sup>13</sup> 10	13 <sup>46</sup> 13	6 <sup>41</sup> 62	6 <sup>20</sup> 21	21 <sup>41</sup> 21	4 <sup>1</sup> 21	7 <sup>34</sup> 11	11 <sup>41</sup> 41	24 <sup>7</sup> 7	20 <sup>28</sup> 28	0 <sup>46</sup> 00	29 <sup>39</sup> 29	9 <sup>57</sup> 18	7 <sup>48</sup> 18	S 13
M14	19 28 21	22 <sup>10</sup> 23	25 <sup>35</sup> 25	6 <sup>26</sup> 72	7 <sup>23</sup> 22	22 <sup>23</sup> 22	4 <sup>14</sup> 22	7 <sup>35</sup> 11	11 <sup>42</sup> 42	24 <sup>7</sup> 7	20 <sup>30</sup> 30	0 <sup>45</sup> 00	29 <sup>35</sup> 29	10 <sup>4</sup> 7	7 <sup>44</sup> 18	M14
T 15	19 32 17	23 <sup>7</sup> 37	7 <sup>29</sup> 29	6 <sup>8</sup> 82	8 <sup>26</sup> 23	23 <sup>5</sup> 23	4 <sup>27</sup> 23	7 <sup>35</sup> 11	11 <sup>44</sup> 44	24 <sup>8</sup> 8	20 <sup>31</sup> 31	0 <sup>42</sup> 00	29 <sup>32</sup> 29	10 <sup>10</sup> 7	7 <sup>41</sup> 18	T 15
W16	19 36 14	24 <sup>4</sup> 50	19 <sup>30</sup> 19	5 <sup>45</sup> 93	9 <sup>30</sup> 23	23 <sup>47</sup> 23	4 <sup>40</sup> 23	7 <sup>36</sup> 11	11 <sup>46</sup> 46	24 <sup>8</sup> 8	20 <sup>33</sup> 33	0 <sup>39</sup> 00	29 <sup>29</sup> 29	10 <sup>17</sup> 7	7 <sup>37</sup> 18	W16
T 17	19 40 10	25 <sup>2</sup> 03	1 <sup>58</sup> 18	5 <sup>19</sup> 10	10 <sup>33</sup> 24	24 <sup>29</sup> 24	4 <sup>54</sup> 24	7 <sup>36</sup> 11	11 <sup>47</sup> 47	24 <sup>8</sup> 8	20 <sup>35</sup> 35	0 <sup>35</sup> 00	29 <sup>26</sup> 29	10 <sup>24</sup> 7	7 <sup>33</sup> 18	T 17
F 18	19 44 7	25 <sup>50</sup> 17	13 <sup>57</sup> 13	4 <sup>49</sup> 11	11 <sup>37</sup> 25	25 <sup>11</sup> 25	5 <sup>7</sup> 25	7 <sup>37</sup> 11	11 <sup>49</sup> 49	24 <sup>9</sup> 9	20 <sup>36</sup> 36	0 <sup>31</sup> 00	29 <sup>23</sup> 29	10 <sup>30</sup> 7	7 <sup>29</sup> 18	F 18
S 19	19 48 4	26 <sup>56</sup> 31	26 <sup>29</sup> 26	4 <sup>17</sup> 12	12 <sup>41</sup> 25	25 <sup>53</sup> 25	5 <sup>20</sup> 25	7 <sup>38</sup> 11	11 <sup>50</sup> 50	24 <sup>9</sup> 9	20 <sup>38</sup> 38	0 <sup>28</sup> 00	29 <sup>19</sup> 29	10 <sup>37</sup> 7	7 <sup>26</sup> 18	S 19
S 20	19 52 0	27 <sup>53</sup> 45	9 <sup>16</sup> 16	3 <sup>42</sup> 13	13 <sup>46</sup> 26	26 <sup>35</sup> 26	5 <sup>34</sup> 26	7 <sup>39</sup> 11	11 <sup>51</sup> 51	24 <sup>9</sup> 9	20 <sup>40</sup> 40	0 <sup>25</sup> 00	29 <sup>16</sup> 29	10 <sup>44</sup> 7	7 <sup>22</sup> 18	S 20
M21	19 55 57	28 <sup>50</sup> 59	22 <sup>21</sup> 22	3 <sup>5</sup> 14	14 <sup>50</sup> 27	27 <sup>16</sup> 27	5 <sup>47</sup> 27	7 <sup>40</sup> 11	11 <sup>53</sup> 53	24 <sup>9</sup> 9	20 <sup>41</sup> 41	0 <sup>24</sup> 00	29 <sup>13</sup> 29	10 <sup>50</sup> 7	7 <sup>18</sup> 18	M21
T 22	19 59 53	29 <sup>48</sup> 14	5 <sup>46</sup> 22	2 <sup>27</sup> 15	15 <sup>55</sup> 27	27 <sup>58</sup> 27	6 <sup>0</sup> 27	7 <sup>41</sup> 11	11 <sup>54</sup> 54	24 <sup>10</sup> 10	20 <sup>43</sup> 43	0 <sup>24</sup> 00	29 <sup>10</sup> 29	10 <sup>57</sup> 7	7 <sup>15</sup> 18	T 22
W23	20 3 50	0 <sup>45</sup> 29	19 <sup>33</sup> 19	1 <sup>48</sup> 16	16 <sup>59</sup> 28	28 <sup>40</sup> 28	6 <sup>14</sup> 28	7 <sup>42</sup> 11	11 <sup>55</sup> 55	24 <sup>10</sup> 10	20 <sup>45</sup> 45	0 <sup>25</sup> 00	29 <sup>7</sup> 29	11 <sup>4</sup> 7	7 <sup>11</sup> 18	W23
T 24	20 7 46	1 <sup>42</sup> 45	3 <sup>42</sup> 11	1 <sup>9</sup> 18	18 <sup>5</sup> 29	29 <sup>21</sup> 29	6 <sup>27</sup> 29	7 <sup>43</sup> 11	11 <sup>56</sup> 56	24 <sup>10</sup> 10	20 <sup>46</sup> 46	0 <sup>26</sup> 00	29 <sup>4</sup> 29	11 <sup>10</sup> 7	7 <sup>8</sup> 18	T 24
F 25	20 11 43	2 <sup>40</sup> 02	18 <sup>13</sup> 18	0 <sup>31</sup> 19	19 <sup>10</sup> 00	0 <sup>3</sup> 19	6 <sup>40</sup> 19	7 <sup>44</sup> 11	11 <sup>57</sup> 57	24 <sup>10</sup> 10	20 <sup>48</sup> 48	0 <sup>27</sup> 00	29 <sup>0</sup> 29	11 <sup>17</sup> 7	7 <sup>4</sup> 18	F 25
S 26	20 15 39	3 <sup>37</sup> 19	3 <sup>2</sup> 29	29 <sup>54</sup> 20	20 <sup>15</sup> 04	0 <sup>44</sup> 20	6 <sup>54</sup> 20	7 <sup>46</sup> 11	11 <sup>59</sup> 59	24 <sup>10</sup> 10	20 <sup>50</sup> 50	0 <sup>28</sup> 00	28 <sup>57</sup> 28	11 <sup>24</sup> 7	7 <sup>1</sup> 18	S 26
S 27	20 19 36	4 <sup>34</sup> 36	18 <sup>4</sup> 29	2 <sup>20</sup> 21	21 <sup>21</sup> 12	1 <sup>26</sup> 12	7 <sup>7</sup> 12	7 <sup>48</sup> 11	12 <sup>0</sup> 12	24 <sup>10</sup> 10	20 <sup>51</sup> 51	0 <sup>27</sup> 00	28 <sup>54</sup> 28	11 <sup>30</sup> 7	6 <sup>58</sup> 18	S 27
M28	20 23 33	5 <sup>31</sup> 54	3 <sup>10</sup> 28	2 <sup>27</sup> 22	2 <sup>7</sup> 22	2 <sup>7</sup> 22	7 <sup>21</sup> 22	7 <sup>49</sup> 11	12 <sup>1</sup> 12	24 <sup>10</sup> 10	20 <sup>53</sup> 53	0 <sup>24</sup> 00	28 <sup>51</sup> 28	11 <sup>37</sup> 7	6 <sup>54</sup> 18	M28
T 29	20 27 29	6 <sup>29</sup> 13	18 <sup>11</sup> 28	1 <sup>19</sup> 23	23 <sup>33</sup> 24	2 <sup>48</sup> 24	7 <sup>34</sup> 24	7 <sup>51</sup> 11	12 <sup>2</sup> 12	24 <sup>10</sup> 10	20 <sup>55</sup> 55	0 <sup>20</sup> 00	28 <sup>48</sup> 28	11 <sup>43</sup> 7	6 <sup>51</sup> 18	T 29
W30	20 31 26	7 <sup>26</sup> 31	2 <sup>59</sup> 27	2 <sup>54</sup> 24	24 <sup>39</sup> 33	3 <sup>30</sup> 33	7 <sup>47</sup> 33	7 <sup>53</sup> 11	12 <sup>2</sup> 12	24 <sup>10</sup> 10	20 <sup>57</sup> 57	0 <sup>15</sup> 00	28 <sup>45</sup> 28	11 <sup>50</sup> 7	6 <sup>48</sup> 18	W30
T 31	20 35 22	8 <sup>23</sup> 50	17 <sup>26</sup> 17	27 <sup>33</sup> 27	25 <sup>45</sup> 25	4 <sup>5</sup> 25	8 <sup>1</sup> 25	7 <sup>55</sup> 11	12 <sup>3</sup> 12	24 <sup>10</sup> 10	20 <sup>58</sup> 58	0 <sup>9</sup> 00	28 <sup>41</sup> 28	11 <sup>57</sup> 7	6 <sup>45</sup> 18	T 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	22n59	20n56	3n20	19n11	0s 4	15n50	3s 0	22n18	0n 0	20n 6	0n20	11s37	2n32	14n43	0s29	7n52	1s30	20n42	6n19	23n21	23n21	23s49	16s 2	7n 3
W 2	22 55	17 19	4 16	18 49	0 18	16 3	3 0	22 24	0 1	20 3	0 20	11 37	2 32	14 43	0 29	7 52	1 30	20 41	6 19	23 21	23 21	23 49	16 2	7 3
T 3	22 50	12 46	4 54	18 27	0 32	16 17	3 0	22 29	0 1	20 0	0 20	11 37	2 31	14 44	0 29	7 53	1 30	20 41	6 19	23 21	23 21	23 50	16 2	7 3
F 4	22 45	7 41	5 14	18 6	0 46	16 31	3 0	22 35	0 2	19 58	0 20	11 37	2 31	14 45	0 29	7 53	1 30	20 40	6 19	23 21	23 21	23 50	16 2	7 3
S 5	22 40	2 23	5 16	17 45	1 1	16 44	3 1	22 40	0 3	19 55	0 20	11 37	2 31	14 45	0 29	7 53	1 30	20 40	6 19	23 21	23 21	23 51	16 3	7 3
S 6	22 34	2s51	5 1	17 25	1 16	16 57	3 0	22 45	0 4	19 52	0 20	11 37	2 31	14 46	0 29	7 53	1 30	20 39	6 19	23 21	23 21	23 51	16 3	7 3
M 7	22 27	7 50	4 31	17 6	1 32	17 10	3 0	22 50	0 4	19 49	0 20	11 37	2 30	14 46	0 29	7 54	1 31	20 39	6 19	23 21	23 21	23 52	16 3	7 3
T 8	22 20	12 23	3 50	16 47	1 47	17 23	3 0	22 54	0 5	19 46	0 20	11 37	2 30	14 47	0 29	7 54	1 31	20 38	6 19	23 21	23 21	23 52	16 3	7 3
W 9	22 13	16 21	2 59	16 30	2 3	17 36	2 59	22 59	0 6	19 43	0 20	11 37	2 30	14 47	0 29	7 54	1 31	20 37	6 19	23 21	23 21	23 52	16 4	7 3
T 10	22 6	19 37	2 1	16 13	2 19	17 48	2 59	23 3	0 6	19 40	0 21	11 38	2 30	14 48	0 29	7 54	1 31	20 37	6 19	23 21	23 21	23 53	16 4	7 3
F 11	21 58	22 1	0 58	15 58	2 35	18 0	2 58	23 7	0 7	19 37	0 21	11 38	2 29	14 48	0 29	7 54	1 31	20 36	6 19	23 21	23 21	23 53	16 4	7 3
S 12	21 50	23 27	0s 7	15 45	2 50	18 12	2 57	23 10	0 8	19 34	0 21	11 38	2 29	14 49	0 29	7 54	1 31	20 36	6 19	23 21	23 21	23 54	16 4	7 3
S 13	21 41	23 49	1 11	15 32	3 6	18 24	2 56	23 14	0 9	19 31	0 21	11 38	2 29	14 49	0 29	7 54	1 31	20 35	6 19	23 21	23 21	23 54	16 5	7 3
M14	21 32	23 7	2 13	15 21	3 21	18 35	2 55	23 17	0 9	19 28	0 21	11 39	2 28	14 50	0 29	7 55	1 31	20 35	6 19	23 21	23 21	23 54	16 5	7 3
T 15	21 23	21 22	3 9	15 12	3 35	18 46	2 54	23 20	0 10	19 25	0 21	11 39	2 28	14 50	0 29	7 55	1 31	20 34	6 19	23 21	23 21	23 55	16 5	7 3
W16	21 13	18 40	3 57	15 4	3 49	18 57	2 52	23 23	0 11	19 22	0 21	11 40	2 28	14 51	0 29	7 55	1 31	20 34	6 19	23 21	23 21	23 55	16 6	7 3
T 17	21 3	15 8	4 35	14 57	4 2	19 8	2 51	23 26	0 11	19 19	0 21	11 40	2 28	14 51	0 29	7 55	1 31	20 33	6 19	23 21	23 21	23 55	16 6	7 3
F 18	20 52	10 55	5 1	14 53	4 14	19 18	2 49	23 28	0 12	19 16	0 21	11 40	2 27	14 52	0 29	7 55	1 31	20 33	6 19	23 21	23 21	23 56	16 6	7 3
S 19	20 41	6 11	5 13	14 49	4 25	19 28	2 48	23 30	0 13	19 12	0 21	11 41	2 27	14 52	0 29	7 55	1 31	20 32	6 19	23 21	23 21	23 56	16 7	7 2
S 20	20 30	1 6	5 10	14 48	4 35	19 37	2 46	23 32	0 14	19 9	0 21	11 41	2 27	14 53	0 29	7 55	1 31	20 32	6 19	23 21	23 21	23 56	16 7	7 2
M21	20 19	4n 9	4 51	14 48	4 43	19 46	2 44	23 34	0 14	19 6	0 21	11 42	2 27	14 53	0 29	7 55	1 31	20 31	6 19	23 21	23 21	23 57	16 7	7 2
T 22	20 7	9 22	4 16	14 50	4 50	19 55	2 42	23 35	0 15	19 3	0 21	11 43	2 26	14 53	0 29	7 55	1 31	20 31	6 19	23 21	23 21	23 57	16 8	7 2
W23	19 55	14 15	3 26	14 53	4 55	20 3	2 40	23 36	0 16	19 0	0 22	11 43	2 26	14 54	0 29	7 55	1 31	20 30	6 19	23 21	23 21	23 57	16 8	7 2
T 24	19 42	18 30	2 21	14 58	4 59	20 11	2 38	23 37	0 16	18 56	0 22	11 44	2 26	14 54	0 29	7 55	1 31	20 30	6 19	23 21	23 21	23 58	16 9	7 1
F 25	19 29	21 43	1 7	15 4	5 1	20 19	2 36	23 38	0 17	18 53	0 22	11 45	2 25	14 54	0 29	7 55	1 32	20 29	6 19	23 21	23 21	23 58	16 9	7 1
S 26	19 16	23 33	0n14	15 11	5 1	20 26	2 34	23 39	0 18	18 50	0 22	11 45	2 25	14 55	0 29	7 55	1 32	20 28	6 19	23 21	23 21	23 58	16 9	7 1
S 27	19 3	23 42	1 35	15 20	4 59	20 33	2 32	23 39	0 19	18 47	0 22	11 46	2 25	14 55	0 29	7 55	1 32	20 28	6 19	23 21	23 21	23 59	16 10	7 1
M28	18 49	22 7	2 49	15 29	4 56	20 39	2 29	23 39	0 19	18 43	0 22	11 47	2 25	14 55	0 29	7 55	1 32	20 27	6 19	23 21	23 21	23 59	16 10	7 1
T 29	18 35	18 59	3 51	15 39	4 52	20 45	2 27	23 39	0 20	18 40	0 22	11 48	2 24	14 56	0 29	7 55	1 32	20 27	6 19	23 21	23 21	23 59	16 11	7 0
W30	18 21	14 40	4 37	15 50	4 45	20 50	2 24	23 39	0 21	18 37	0 22	11 49	2 24	14 56	0 29	7 55	1 32	20 26	6 19	23 21	23 21	23 59	16 11	7 0
T 31	18n 6	9n36	5n 3	16n 2	4s38	20n55	2s22	23n39	0n22	18n33	0n22	11s49	2n24	14n56	0s29	7n55	1s32	20n26	6n19	23n21	23n21	24s 0	16s11	7n 0

## ASTRODIENST EPHEMERIS for the year 2690

AUGUST 2690

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	20 39 19	9♈21'09	1♉26	27°R17	26♈51	4♉52	8♈14	7♈57	12♈4	24°R10	21♈0	0°R 4	28♈38	12♈3	6°R42	F 1
S 2	20 43 15	10°18'28	14°58	27♉6	27°58	5°33	8°28	7°59	12°5	24°V10	21°2	0°58	28°35	12°10	6°39	S 2
S 3	20 47 12	11°15'47	28°3	27°0	29°5	6°14	8°41	8°1	12°6	24°9	21°4	29♈57	28°32	12°17	6°36	S 3
M 4	20 51 8	12°13'07	10♈44	27°D 0	0♈11	6°55	8°54	8°4	12°6	24°9	21°5	29°D57	28°29	12°23	6°33	M 4
T 5	20 55 5	13°10'27	23°4	27°5	1°18	7°35	9°8	8°6	12°7	24°9	21°7	29°57	28°25	12°30	6°30	T 5
W 6	20 59 2	14°7'47	5♈9	27°17	2°26	8°16	9°21	8°9	12°7	24°9	21°9	29°58	28°22	12°37	6°28	W 6
T 7	21 2 58	15°5'08	17°3	27°34	3°33	8°57	9°34	8°11	12°8	24°8	21°11	29°59	28°19	12°43	6°25	T 7
F 8	21 6 55	16°2'29	28°52	27°58	4°40	9°38	9°48	8°14	12°8	24°8	21°12	0°R 0	28°16	12°50	6°22	F 8
S 9	21 10 51	16°59'51	10♉39	28°28	5°48	10°18	10°1	8°17	12°9	24°7	21°14	29°59	28°13	12°57	6°20	S 9
S 10	21 14 48	17°57'14	22°28	29°3	6°56	10°59	10°14	8°20	12°9	24°7	21°16	29°57	28°10	13°3	6°17	S 10
M11	21 18 44	18°54'36	4♈23	29°45	8°3	11°39	10°28	8°22	12°10	24°7	21°18	29°53	28°6	13°10	6°15	M11
T 12	21 22 41	19°52'00	16°26	0♈33	9°11	12°20	10°41	8°26	12°10	24°6	21°19	29°46	28°3	13°17	6°13	T 12
W13	21 26 37	20°49'25	28°37	1°27	10°20	13°0	10°54	8°29	12°10	24°6	21°21	29°37	28°0	13°23	6°10	W13
T 14	21 30 34	21°46'50	11♈0	2°26	11°28	13°40	11°8	8°32	12°10	24°5	21°23	29°28	27°57	13°30	6°8	T 14
F 15	21 34 31	22°44'16	23°33	3°32	12°36	14°20	11°21	8°35	12°10	24°5	21°25	29°19	27°54	13°37	6°6	F 15
S 16	21 38 27	23°41'43	6♈19	4°42	13°45	15°0	11°34	8°39	12°10	24°4	21°27	29°10	27°51	13°43	6°4	S 16
S 17	21 42 24	24°39'11	19°16	5°59	14°53	15°41	11°47	8°42	12°R10	24°3	21°28	29°4	27°47	13°50	6°2	S 17
M18	21 46 20	25°36'41	2♈28	7°20	16°2	16°21	12°0	8°46	12°10	24°3	21°30	28°59	27°44	13°56	6°0	M18
T 19	21 50 17	26°34'12	15°54	8°47	17°11	17°1	12°14	8°49	12°10	24°2	21°32	28°57	27°41	14°3	5°59	T 19
W20	21 54 13	27°31'44	29°36	10°18	18°20	17°40	12°27	8°53	12°10	24°1	21°34	28°D56	27°38	14°10	5°57	W20
T 21	21 58 10	28°29'17	13♈35	11°53	19°29	18°20	12°40	8°57	12°10	24°0	21°35	28°57	27°35	14°16	5°55	T 21
F 22	22 2 6	29°26'52	27°50	13°33	20°38	19°0	12°53	9°1	12°10	24°0	21°37	28°R57	27°31	14°23	5°54	F 22
S 23	22 6 3	0♈24'29	12♈20	15°17	21°47	19°40	13°6	9°5	12°10	23°59	21°39	28°56	27°28	14°30	5°52	S 23
S 24	22 10 0	1°22'06	27°3	17°4	22°57	20°19	13°19	9°9	12°9	23°58	21°41	28°54	27°25	14°36	5°51	S 24
M25	22 13 56	2°19'45	11♈51	18°54	24°6	20°59	13°32	9°13	12°9	23°57	21°42	28°48	27°22	14°43	5°50	M25
T 26	22 17 53	3°17'26	26°39	20°47	25°16	21°38	13°45	9°17	12°9	23°56	21°44	28°41	27°19	14°50	5°48	T 26
W27	22 21 49	4°15'07	11♈18	22°42	26°26	22°18	13°58	9°21	12°8	23°55	21°46	28°31	27°16	14°56	5°47	W27
T 28	22 25 46	5°12'50	25°40	24°39	27°35	22°57	14°11	9°26	12°8	23°54	21°48	28°21	27°12	15°3	5°46	T 28
F 29	22 29 42	6°10'33	9♈39	26°37	28°45	23°37	14°24	9°30	12°7	23°53	21°49	28°11	27°9	15°10	5°45	F 29
S 30	22 33 39	7°8'18	23°12	28°37	29°55	24°16	14°37	9°35	12°6	23°52	21°51	28°3	27°6	15°16	5°44	S 30
S 31	22 37 35	8♈6'04	6♈19	0♈37	1♈6	24♈55	14♈49	9♈39	12♈6	23°V51	21♈53	27♈56	27♈3	15♈23	5♈44	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	17n51	4n11	5n11	16n14	4s29	21n 0	2s19	23n38	0n22	18n30	0n22	11s50	2n24	14n56	0s29	7n55
S 2	17 36	1s15	5 0	16 26	4 19	21 4	2 16	23 37	0 23	18 26	0 22	11 51	2 23	14 57	0 29	7 55
S 3	17 20	6 28	4 34	16 38	4 7	21 7	2 13	23 36	0 24	18 23	0 22	11 52	2 23	14 57	0 29	7 54
M 4	17 4	11 15	3 56	16 50	3 55	21 10	2 11	23 35	0 24	18 20	0 23	11 53	2 23	14 57	0 29	7 54
T 5	16 48	15 27	3 7	17 2	3 42	21 13	2 8	23 33	0 25	18 16	0 23	11 54	2 23	14 57	0 29	7 54
W 6	16 32	18 56	2 11	17 13	3 28	21 15	2 5	23 31	0 26	18 13	0 23	11 55	2 22	14 57	0 29	7 54
T 7	16 15	21 34	1 10	17 24	3 14	21 16	2 2	23 29	0 27	18 9	0 23	11 56	2 22	14 57	0 29	7 54
F 8	15 58	23 14	0 6	17 34	2 59	21 17	1 59	23 27	0 27	18 6	0 23	11 57	2 22	14 58	0 29	7 54
S 9	15 41	23 53	0s57	17 43	2 43	21 18	1 56	23 25	0 28	18 2	0 23	11 59	2 22	14 58	0 29	7 53
S 10	15 24	23 26	1 58	17 51	2 28	21 18	1 52	23 23	0 29	17 59	0 23	12 0	2 21	14 58	0 29	7 53
M11	15 6	21 55	2 55	17 58	2 12	21 17	1 49	23 20	0 30	17 55	0 23	12 1	2 21	14 58	0 29	7 53
T 12	14 48	19 24	3 44	18 4	1 56	21 16	1 46	23 17	0 30	17 52	0 23	12 2	2 21	14 58	0 29	7 53
W13	14 30	16 1	4 23	18 8	1 40	21 15	1 43	23 14	0 31	17 48	0 23	12 3	2 21	14 58	0 29	7 53
T 14	14 12	11 53	4 50	18 10	1 25	21 12	1 39	23 11	0 32	17 45	0 24	12 5	2 20	14 58	0 29	7 52
F 15	13 53	7 13	5 4	18 10	1 9	21 10	1 36	23 7	0 32	17 41	0 24	12 6	2 20	14 58	0 29	7 52
S 16	13 34	2 9	5 3	18 9	0 54	21 6	1 33	23 3	0 33	17 38	0 24	12 7	2 20	14 58	0 29	7 52
S 17	13 15	3n 5	4 47	18 5	0 39	21 2	1 29	23 0	0 34	17 34	0 24	12 9	2 20	14 58	0 29	7 51
M18	12 56	8 17	4 16	17 58	0 25	20 58	1 26	22 56	0 35	17 31	0 24	12 10	2 19	14 58	0 29	7 51
T 19	12 37	13 12	3 29	17 50	0 11	20 53	1 23	22 51	0 35	17 27	0 24	12 11	2 19	14 58	0 29	7 51
W20	12 17	17 32	2 30	17 38	0n 3	20 48	1 19	22 47	0 36	17 23	0 24	12 13	2 19	14 58	0 29	7 51
T 21	11 57	21 1	1 21	17 24	0 15	20 41	1 16	22 42	0 37	17 20	0 24	12 14	2 19	14 58	0 29	7 50
F 22	11 37	23 14	0 6	17 8	0 27	20 35	1 12	22 38	0 38	17 16	0 24	12 16	2 18	14 58	0 29	7 50
S 23	11 17	23 57	1n11	16 49	0 39	20 28	1 9	22 33	0 38	17 13	0 24	12 17	2 18	14 58	0 29	7 50
S 24	10 57	23 2	2 24	16 27	0 49	20 20	1 5	22 28	0 39	17 9	0 25	12 19	2 18	14 58	0 29	7 49
M25	10 36	20 30	3 28	16 2	0 59	20 12	1 2	22 22	0 40	17 5	0 25	12 20	2 18	14 57	0 29	7 49
T 26	10 16	16 37	4 18	15 35	1 7	20 3	0 58	22 17	0 40	17 2	0 25	12 22	2 17	14 57	0 29	7 49
W27	9 55	11 46	4 50	15 5	1 15	19 54	0 55	22 11	0 41	16 58	0 25	12 23	2 17	14 57	0 30	7 48
T 28	9 34	6 21	5 3	14 33	1 22	19 44	0 51	22 6	0 42	16 55	0 25	12 25	2 17	14 57	0 30	7 48
F 29	9 13	0 45	4 57	13 59	1 28	19 33	0 48	22 0	0 43	16 51	0 25	12 26	2 17	14 57	0 30	7 47
S 30	8 51	4s44	4 35	13 22	1 33	19 22	0 44	21 54	0 43	16 47	0 25	12 28	2 17	14 57	0 30	7 47
S 31	8n30	9s49	3n58	12n44	1n37	19n11	0s41	21n47	0n44	16n44	0n25	12s30	2n16	14n56	0s30	7n47

Julian Day Number = 2703774.5, Delta T = 26m32s

Ecliptic obliquity = 23°20'59, Nutation = - 0°00'16

Ayanamsha: Fagan/Bradley = 34°24'04, Lahiri = 33°31'04



## ASTRODIENST EPHEMERIS for the year 2690

OCTOBER 2690

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	0 39 49	8♂ 9'03	21♂25	26♂17	8♂ 3	14♂35	21♂ 0	12♂33	11°R24	23°R 9	22♂41	24°D54	25♂24	18♂49	6♂ 3	W 1
T 2	0 43 45	9° 7'41	3♂20	27°47	9°16	15°11	21°11	12°40	11♂22	23°V 8	22°42	24°R54	25°21	18°56	6° 5	T 2
F 3	0 47 42	10° 6'21	15° 9	29°16	10°29	15°48	21°22	12°46	11°20	23° 6	22°44	24♂54	25°18	19° 3	6° 8	F 3
S 4	0 51 38	11° 5'02	26°59	0♂45	11°42	16°25	21°33	12°53	11°18	23° 4	22°45	24°53	25°15	19° 9	6°10	S 4
S 5	0 55 35	12° 3'44	8♂53	2°12	12°55	17° 1	21°44	12°59	11°16	23° 3	22°46	24°50	25°12	19°16	6°12	S 5
M 6	0 59 31	13° 2'29	20°58	3°38	14° 8	17°38	21°54	13° 6	11°14	23° 1	22°48	24°44	25° 8	19°22	6°14	M 6
T 7	1 3 28	14° 1'15	3♂17	5° 4	15°21	18°14	22° 5	13°12	11°12	22°59	22°49	24°36	25° 5	19°29	6°17	T 7
W 8	1 7 24	15° 0'03	15°53	6°28	16°34	18°51	22°15	13°19	11°10	22°58	22°50	24°26	25° 2	19°36	6°19	W 8
T 9	1 11 21	15°58'52	28°46	7°51	17°47	19°27	22°25	13°26	11° 8	22°56	22°51	24°14	24°59	19°42	6°22	T 9
F 10	1 15 17	16°57'44	11♂58	9°13	19° 0	20° 3	22°35	13°33	11° 6	22°55	22°52	24° 3	24°56	19°49	6°25	F 10
S 11	1 19 14	17°56'37	25°26	10°33	20°14	20°39	22°45	13°39	11° 4	22°53	22°53	23°52	24°53	19°56	6°28	S 11
S 12	1 23 11	18°55'33	9♂ 7	11°53	21°27	21°15	22°55	13°46	11° 1	22°51	22°55	23°43	24°49	20° 2	6°30	S 12
M13	1 27 7	19°54'30	22°59	13°11	22°40	21°51	23° 5	13°53	10°59	22°50	22°56	23°37	24°46	20° 9	6°33	M13
T 14	1 31 4	20°53'30	6♂59	14°28	23°54	22°27	23°15	14° 0	10°57	22°48	22°57	23°34	24°43	20°16	6°36	T 14
W15	1 35 0	21°52'32	21° 3	15°44	25° 8	23° 3	23°25	14° 7	10°55	22°46	22°58	23°D33	24°40	20°22	6°40	W15
T 16	1 38 57	22°51'36	5♂ 9	16°58	26°21	23°38	23°34	14°14	10°52	22°45	22°59	23°33	24°37	20°29	6°43	T 16
F 17	1 42 53	23°50'43	19°16	18°10	27°35	24°14	23°44	14°21	10°50	22°43	23° 0	23°R34	24°34	20°36	6°46	F 17
S 18	1 46 50	24°49'52	3♂24	19°21	28°49	24°49	23°53	14°28	10°48	22°41	23° 1	23°33	24°30	20°42	6°49	S 18
S 19	1 50 46	25°49'03	17°30	20°30	0♂ 2	25°25	24° 2	14°35	10°45	22°39	23° 2	23°31	24°27	20°49	6°53	S 19
M20	1 54 43	26°48'17	1♂33	21°37	1°16	26° 0	24°12	14°42	10°43	22°38	23° 3	23°27	24°24	20°56	6°56	M20
T 21	1 58 40	27°47'32	15°31	22°42	2°30	26°35	24°21	14°49	10°41	22°36	23° 4	23°20	24°21	21° 2	7° 0	T 21
W22	2 2 36	28°46'50	29°21	23°44	3°44	27°10	24°29	14°56	10°38	22°34	23° 5	23°12	24°18	21° 9	7° 3	W22
T 23	2 6 33	29°46'10	13♂ 0	24°45	4°58	27°45	24°38	15° 3	10°36	22°33	23° 6	23° 3	24°14	21°16	7° 7	T 23
F 24	2 10 29	0♂45'32	26°25	25°42	6°12	28°20	24°47	15°10	10°34	22°31	23° 6	22°53	24°11	21°22	7°11	F 24
S 25	2 14 26	1°44'56	9♂33	26°36	7°26	28°55	24°55	15°17	10°31	22°30	23° 7	22°45	24° 8	21°29	7°15	S 25
S 26	2 18 22	2°44'22	22°23	27°28	8°40	29°30	25° 4	15°24	10°29	22°28	23° 8	22°39	24° 5	21°36	7°19	S 26
M27	2 22 19	3°43'50	4♂56	28°15	9°55	0♂ 4	25°12	15°31	10°26	22°26	23° 9	22°35	24° 2	21°42	7°23	M27
T 28	2 26 15	4°43'20	17°13	28°59	11° 9	0°39	25°20	15°39	10°24	22°25	23°10	22°D34	23°59	21°49	7°27	T 28
W29	2 30 12	5°42'52	29°16	29°38	12°23	1°13	25°28	15°46	10°21	22°23	23°10	22°34	23°55	21°56	7°31	W29
T 30	2 34 9	6°42'26	11♂10	0♂12	13°37	1°47	25°36	15°53	10°19	22°21	23°11	22°35	23°52	22° 2	7°35	T 30
F 31	2 38 5	7♂42'01	22♂59	0♂42	14♂52	2♂21	25♂44	16♂ 0	10♂17	22♂20	23♂12	22♂36	23♂49	22♂ 9	7♂39	F 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	3s13	22s46	0n18	10s37	0s33	9n21	0n54	17n28	1n 7	14n54	0n29	13s28	2n11	14n43	0s30	W 1
T 2	3 36	24 3	0s45	11 16	0 40	8 56	0 57	17 18	1 8	14 51	0 29	13 30	2 11	14 43	0 30	T 2
F 3	3 59	24 14	1 45	11 55	0 48	8 31	0 59	17 8	1 9	14 47	0 29	13 32	2 11	14 42	0 30	F 3
S 4	4 22	23 20	2 42	12 33	0 55	8 6	1 1	16 58	1 10	14 44	0 30	13 34	2 11	14 41	0 30	S 4
S 5	4 45	21 22	3 31	13 11	1 3	7 40	1 3	16 48	1 10	14 41	0 30	13 36	2 10	14 41	0 30	S 5
M 6	5 8	18 26	4 12	13 47	1 10	7 14	1 5	16 37	1 11	14 38	0 30	13 38	2 10	14 40	0 30	M 6
T 7	5 31	14 39	4 42	14 23	1 18	6 47	1 7	16 27	1 12	14 34	0 30	13 40	2 10	14 40	0 30	T 7
W 8	5 53	10 9	4 59	14 58	1 25	6 21	1 9	16 16	1 13	14 31	0 30	13 42	2 10	14 39	0 30	W 8
T 9	6 16	5 6	5 1	15 32	1 33	5 54	1 11	16 6	1 13	14 28	0 30	13 45	2 10	14 38	0 30	T 9
F 10	6 38	0n17	4 48	16 5	1 40	5 27	1 13	15 55	1 14	14 25	0 31	13 47	2 10	14 38	0 30	F 10
S 11	7 1	5 47	4 18	16 38	1 47	5 0	1 15	15 44	1 15	14 22	0 31	13 49	2 10	14 37	0 30	S 11
S 12	7 23	11 6	3 33	17 9	1 54	4 33	1 16	15 34	1 16	14 19	0 31	13 51	2 10	14 36	0 30	S 12
M13	7 45	15 57	2 35	17 39	2 1	4 5	1 18	15 23	1 17	14 16	0 31	13 53	2 10	14 36	0 30	M13
T 14	8 8	19 58	1 27	18 9	2 7	3 38	1 20	15 12	1 17	14 13	0 31	13 55	2 9	14 35	0 30	T 14
W15	8 30	22 50	0 13	18 37	2 14	3 10	1 21	15 1	1 18	14 9	0 31	13 57	2 9	14 34	0 30	W15
T 16	8 51	24 17	0n 2	19 5	2 20	2 42	1 22	14 50	1 19	14 7	0 31	13 59	2 9	14 33	0 30	T 16
F 17	9 13	24 10	2 13	19 31	2 26	2 14	1 24	14 39	1 20	14 4	0 32	14 1	2 9	14 33	0 30	F 17
S 18	9 35	22 30	3 16	19 56	2 32	1 46	1 25	14 28	1 21	14 1	0 32	14 4	2 9	14 32	0 30	S 18
S 19	9 56	19 28	4 8	20 20	2 38	1 18	1 26	14 17	1 21	13 58	0 32	14 6	2 9	14 31	0 30	S 19
M20	10 18	15 18	4 44	20 43	2 43	0 50	1 27	14 6	1 22	13 55	0 32	14 8	2 9	14 31	0 30	M20
T 21	10 39	10 20	5 3	21 5	2 48	0 22	1 28	13 54	1 23	13 52	0 32	14 10	2 9	14 30	0 30	T 21
W22	11 0	4 54	5 4	21 25	2 52	0s 7	1 29	13 43	1 24	13 49	0 33	14 12	2 9	14 29	0 30	W22
T 23	11 21	0s42	4 48	21 44	2 57	0 35	1 30	13 32	1 25	13 46	0 33	14 14	2 9	14 28	0 30	T 23
F 24	11 42	6 11	4 15	22 2	3 0	1 4	1 31	13 21	1 25	13 44	0 33	14 16	2 9	14 28	0 30	F 24
S 25	12 2	11 17	3 30	22 18	3 4	1 32	1 32	13 9	1 26	13 41	0 33	14 18	2 9	14 27	0 30	S 25
S 26	12 23	15 48	2 35	22 32	3 6	2 1	1 32	12 58	1 27	13 38	0 33	14 21	2 9	14 26	0 30	S 26
M27	12 43	19 30	1 34	22 45	3 8	2 29	1 33	12 47	1 28	13 36	0 33	14 23	2 8	14 25	0 30	M27
T 28	13 3	22 16	0 29	22 57	3 10	2 58	1 34	12 35	1 29	13 33	0 34	14 25	2 8	14 25	0 30	T 28
W29	13 23	23 57	0s36	23 6	3 11	3 26	1 34	12 24	1 29	13 31	0 34	14 27	2 8	14 24	0 30	W29
T 30	13 42	24 32	1 39	23 13	3 11	3 54	1 34	12 12	1 30	13 28	0 34	14 29	2 8	14 23	0 30	T 30
F 31	14s 2	23s59	2s37	23s19	3s10	4s23	1n35	12n 1	1n31	13n26	0n34	14s31	2n 8	14n22	0s30	F 31

Julian Day Number = 2703835.5, Delta T = 26m33s

Ecliptic obliquity = 23°21'00, Nutation = - 0°00'18

Ayanamsha: Fagan/Bradley = 34°24'13, Lahiri = 33°31'13



## ASTRODIENST EPHEMERIS for the year 2690

DECEMBER 2690

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	4 40 18	8°44'22"	6°46'	19°16'	23°31'	18°54'	28°29'	19°44'	9°R 5	21°R38	23°R19	21°R47	22°11'	25°36'	10°20'	M 1
T 2	4 44 15	9°44'54"	19°3'	20°16'	24°47'	19°24'	28°32'	19°51'	9°R 3	21°V37	23°R19	21°R47	22°7'	25°42'	10°25'	T 2
W 3	4 48 11	10°45'26"	1°V39	21°21'	26°2'	19°53'	28°34'	19°58'	9°1	21°36'	23°19'	21°46'	22°4'	25°49'	10°31'	W 3
T 4	4 52 8	11°46'00"	14°38'	22°30'	27°17'	20°22'	28°36'	20°5'	8°59'	21°35'	23°18'	21°45'	22°1'	25°56'	10°37'	T 4
F 5	4 56 5	12°46'35"	28°1'	23°43'	28°32'	20°51'	28°38'	20°12'	8°57'	21°34'	23°18'	21°44'	21°58'	26°2'	10°43'	F 5
S 6	5 0 1	13°47'11"	11°R51	24°59'	29°47'	21°20'	28°40'	20°19'	8°55'	21°33'	23°18'	21°43'	21°55'	26°9'	10°49'	S 6
S 7	5 3 58	14°47'48"	26°5'	26°17'	1°R3	21°48'	28°42'	20°25'	8°53'	21°32'	23°17'	21°42'	21°51'	26°16'	10°55'	S 7
M 8	5 7 54	15°48'27"	10°II40	27°38'	2°18'	22°17'	28°43'	20°32'	8°51'	21°32'	23°17'	21°41'	21°48'	26°22'	11°1'	M 8
T 9	5 11 51	16°49'07"	25°30'	29°1'	3°33'	22°45'	28°45'	20°39'	8°49'	21°31'	23°17'	21°D41	21°45'	26°29'	11°8'	T 9
W10	5 15 47	17°49'49"	10°R27	0°R25	4°49'	23°13'	28°46'	20°46'	8°48'	21°30'	23°16'	21°42'	21°42'	26°36'	11°14'	W10
T 11	5 19 44	18°50'31"	25°22'	1°51'	6°4'	23°41'	28°47'	20°53'	8°46'	21°29'	23°16'	21°42'	21°39'	26°42'	11°20'	T 11
F 12	5 23 41	19°51'15"	10°R9	3°18'	7°19'	24°8'	28°47'	20°59'	8°44'	21°29'	23°15'	21°42'	21°36'	26°49'	11°26'	F 12
S 13	5 27 37	20°52'01"	24°41'	4°46'	8°35'	24°35'	28°48'	21°6'	8°43'	21°28'	23°15'	21°42'	21°32'	26°56'	11°32'	S 13
S 14	5 31 34	21°52'48"	8°R55	6°14'	9°50'	25°2'	28°48'	21°12'	8°41'	21°27'	23°14'	21°R42	21°29'	27°2'	11°39'	S 14
M15	5 35 30	22°53'36"	22°48'	7°43'	11°5'	25°29'	28°R48	21°19'	8°39'	21°27'	23°14'	21°D42	21°26'	27°9'	11°45'	M15
T 16	5 39 27	23°54'26"	6°R20	9°13'	12°21'	25°56'	28°48'	21°26'	8°38'	21°26'	23°13'	21°42'	21°23'	27°16'	11°51'	T 16
W17	5 43 23	24°55'17"	19°33'	10°44'	13°36'	26°22'	28°48'	21°32'	8°36'	21°26'	23°13'	21°42'	21°20'	27°22'	11°57'	W17
T 18	5 47 20	25°56'09"	2°R28	12°14'	14°51'	26°48'	28°47'	21°39'	8°35'	21°25'	23°12'	21°43'	21°17'	27°29'	12°4'	T 18
F 19	5 51 16	26°57'03"	15°7'	13°46'	16°7'	27°14'	28°47'	21°45'	8°34'	21°25'	23°11'	21°43'	21°13'	27°36'	12°10'	F 19
S 20	5 55 13	27°57'58"	27°34'	15°17'	17°22'	27°39'	28°46'	21°51'	8°32'	21°24'	23°11'	21°44'	21°10'	27°42'	12°16'	S 20
S 21	5 59 10	28°58'54"	9°R49	16°49'	18°38'	28°5'	28°45'	21°58'	8°31'	21°24'	23°10'	21°45'	21°7'	27°49'	12°23'	S 21
M22	6 3 6	29°59'51"	21°55'	18°21'	19°53'	28°29'	28°43'	22°4'	8°30'	21°23'	23°9'	21°R45	21°4'	27°56'	12°29'	M22
T 23	6 7 3	1°R049	3°R54	19°53'	21°9'	28°54'	28°42'	22°10'	8°28'	21°23'	23°9'	21°44'	21°1'	28°2'	12°36'	T 23
W24	6 10 59	2°1'48'	15°47'	21°25'	22°24'	29°19'	28°40'	22°16'	8°27'	21°23'	23°8'	21°44'	20°57'	28°9'	12°42'	W24
T 25	6 14 56	3°2'47'	27°37'	22°57'	23°39'	29°43'	28°38'	22°22'	8°26'	21°22'	23°7'	21°42'	20°54'	28°16'	12°48'	T 25
F 26	6 18 52	4°3'47'	9°R26	24°30'	24°55'	0°R6	28°36'	22°29'	8°25'	21°22'	23°6'	21°40'	20°51'	28°22'	12°55'	F 26
S 27	6 22 49	5°4'48'	21°15'	26°3'	26°10'	0°30'	28°34'	22°35'	8°24'	21°22'	23°5'	21°38'	20°48'	28°29'	13°1'	S 27
S 28	6 26 45	6°5'49'	3°R10	27°36'	27°26'	0°53'	28°31'	22°40'	8°23'	21°22'	23°5'	21°36'	20°45'	28°36'	13°8'	S 28
M29	6 30 42	7°6'51'	15°12'	29°9'	28°41'	1°16'	28°29'	22°46'	8°22'	21°22'	23°4'	21°34'	20°42'	28°42'	13°14'	M29
T 30	6 34 39	8°7'53'	27°26'	0°R42	29°57'	1°38'	28°26'	22°52'	8°21'	21°22'	23°3'	21°33'	20°38'	28°49'	13°21'	T 30
W31	6 38 35	9°R55	9°V56	2°R15	1°R12	2°R1	28°R23	22°R58	8°R20	21°V21	23°R2	21°D33	20°R35	28°R56	13°R27	W31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	21s41	13s44	5s 6	15s11	2n23	17s27	1n10	6n12	1n59	12n35	0n40	15s33	2n 8	14n 0	0s30	M 1
T 2	21 50	9 10	5 17	15 29	2 20	17 47	1 8	6 1	2 0	12 35	0 41	15 34	2 8	13 59	0 29	T 2
W 3	21 59	4 8	5 12	15 49	2 17	18 7	1 6	5 51	2 1	12 34	0 41	15 36	2 8	13 59	0 29	W 3
T 4	22 7	1n15	4 52	16 11	2 13	18 26	1 4	5 40	2 2	12 33	0 41	15 38	2 8	13 58	0 29	T 4
F 5	22 15	6 45	4 16	16 33	2 8	18 44	1 3	5 30	2 3	12 33	0 41	15 40	2 8	13 58	0 29	F 5
S 6	22 22	12 6	3 24	16 57	2 3	19 2	1 1	5 19	2 4	12 33	0 42	15 42	2 8	13 57	0 29	S 6
S 7	22 29	16 58	2 18	17 21	1 58	19 20	0 59	5 9	2 5	12 32	0 42	15 43	2 9	13 57	0 29	S 7
M 8	22 36	20 58	1 1	17 45	1 52	19 37	0 57	4 59	2 6	12 32	0 42	15 45	2 9	13 56	0 29	M 8
T 9	22 42	23 38	0n21	18 9	1 45	19 53	0 55	4 49	2 7	12 32	0 42	15 47	2 9	13 55	0 29	T 9
W10	22 48	24 39	1 42	18 33	1 39	20 9	0 53	4 38	2 8	12 32	0 43	15 48	2 9	13 55	0 29	W10
T 11	22 53	25 53	2 57	18 57	1 32	20 25	0 51	4 29	2 9	12 31	0 43	15 50	2 9	13 54	0 29	T 11
F 12	22 58	21 27	3 58	19 21	1 25	20 39	0 48	4 19	2 10	12 31	0 43	15 52	2 9	13 54	0 29	F 12
S 13	23 2	17 42	4 43	19 44	1 18	20 53	0 46	4 9	2 11	12 31	0 43	15 53	2 9	13 53	0 29	S 13
S 14	23 6	12 59	5 10	20 7	1 10	21 7	0 44	3 59	2 12	12 32	0 43	15 55	2 9	13 53	0 29	S 14
M15	23 10	7 43	5 18	20 29	1 3	21 20	0 42	3 49	2 13	12 32	0 44	15 57	2 9	13 52	0 29	M15
T 16	23 13	2 12	5 8	20 50	0 56	21 32	0 40	3 40	2 14	12 32	0 44	15 58	2 9	13 52	0 29	T 16
W17	23 15	3s17	4 41	21 10	0 48	21 44	0 37	3 31	2 15	12 32	0 44	16 0	2 9	13 51	0 29	W17
T 18	23 17	8 30	4 1	21 30	0 41	21 55	0 35	3 21	2 16	12 33	0 44	16 1	2 9	13 51	0 29	T 18
F 19	23 19	13 17	3 10	21 49	0 34	22 5	0 33	3 12	2 17	12 33	0 45	16 3	2 9	13 51	0 29	F 19
S 20	23 20	17 25	2 10	22 6	0 26	22 15	0 30	3 3	2 18	12 34	0 45	16 4	2 10	13 50	0 29	S 20
S 21	23 21	20 45	1 6	22 23	0 19	22 24	0 28	2 54	2 20	12 34	0 45	16 6	2 10	13 50	0 29	S 21
M22	23 21	23 7	0s 1	22 39	0 12	22 32	0 26	2 45	2 21	12 35	0 45	16 7	2 10	13 49	0 29	M22
T 23	23 21	24 24	1 7	22 54	0 4	22 40	0 23	2 36	2 22	12 36	0 46	16 9	2 10	13 49	0 29	T 23
W24	23 20	24 34	2 9	23 7	0s 3	22 47	0 21	2 28	2 23	12 37	0 46	16 10	2 10	13 49	0 29	W24
T 25	23 19	23 36	3 6	23 20	0 10	22 53	0 18	2 19	2 24	12 37	0 46	16 12	2 10	13 48	0 29	T 25
F 26	23 17	21 36	3 55	23 31	0 17	22 59	0 16	2 11	2 25	12 38	0 46	16 13	2 10	13 48	0 29	F 26
S 27	23 15	18 40	4 33	23 41	0 23	23 4	0 14	2 3	2 26	12 39	0 46	16 15	2 10	13 48	0 29	S 27
S 28	23 13	14 58	5 0	23 50	0 30	23 8	0 11	1 54	2 28	12 40	0 47	16 16	2 10	13 47	0 29	S 28
M29	23 10	10 38	5 14	23 58	0 37	23 12	0 9	1 46	2 29	12 42	0 47	16 17	2 11	13 47	0 29	M29
T 30	23 6	5 50	5 15	24 4	0 43	23 15	0 6	1 39	2 30	12 43	0 47	16 19	2 11	13 47	0 29	T 30
W31	23s 2	0s41	5s 0	24s 9	0s49	23s17	0n 4	1n31	2n31	12n44	0n47	16s20	2n11	13n47	0s29	W31

Julian Day Number = 2703896.5, Delta T = 26m33s

Ecliptic obliquity = 23°20'59", Nutation = - 0°00'18"

Ayanamsha: Fagan/Bradley = 34°24'21", Lahiri = 33°31'21"

## ASTRODIENST EPHEMERIS for the year 2691

JANUARY 2691

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 42 32	10°3'58"	22°47'	3°49'	2°28'	2°23'	28°20'	23°4'	8°19'	21°21'	23°1'	21°33'	20°32'	29°2'	13°33'	T 1
F 2	6 46 28	11°11'00"	6°8'2"	5°22'	3°43'	2°44'	28°16'	23°9'	8°19'	21°21'	23°0'	21°35'	20°29'	29°9'	13°40'	F 2
S 3	6 50 25	12°12'04"	19°44'	6°56'	4°59'	3°5'	28°13'	23°15'	8°18'	21°21'	22°59'	21°36'	20°26'	29°16'	13°46'	S 3
S 4	6 54 21	13°13'07"	3°15'53"	8°30'	6°14'	3°26'	28°9'	23°21'	8°17'	21°22'	22°58'	21°37'	20°23'	29°22'	13°53'	S 4
M 5	6 58 18	14°14'11"	18°28'	10°4'	7°30'	3°46'	28°5'	23°26'	8°17'	21°22'	22°57'	21°38'	20°19'	29°29'	13°59'	M 5
T 6	7 2 14	15°15'15"	3°25'55"	11°39'	8°45'	4°7'	28°1'	23°31'	8°16'	21°22'	22°56'	21°38'	20°16'	29°36'	14°6'	T 6
W 7	7 6 11	16°16'19"	18°36'	13°14'	10°1'	4°26'	27°57'	23°37'	8°16'	21°22'	22°55'	21°36'	20°13'	29°43'	14°12'	W 7
T 8	7 10 8	17°17'23"	3°25'52"	14°49'	11°16'	4°46'	27°52'	23°42'	8°15'	21°22'	22°54'	21°33'	20°10'	29°49'	14°19'	T 8
F 9	7 14 4	18°18'28"	19°1'	16°24'	12°32'	5°4'	27°47'	23°47'	8°15'	21°22'	22°53'	21°30'	20°7'	29°56'	14°25'	F 9
S 10	7 18 1	19°19'33"	3°17'55"	18°0'	13°47'	5°23'	27°43'	23°52'	8°14'	21°23'	22°51'	21°26'	20°3'	0°3'	14°32'	S 10
S 11	7 21 57	20°20'39"	18°27'	19°35'	15°2'	5°41'	27°38'	23°58'	8°14'	21°23'	22°50'	21°22'	20°0'	0°9'	14°38'	S 11
M 12	7 25 54	21°21'45"	2°23'33"	21°12'	16°18'	5°59'	27°32'	24°3'	8°14'	21°23'	22°49'	21°19'	19°57'	0°16'	14°45'	M 12
T 13	7 29 50	22°22'51"	16°10'	22°48'	17°33'	6°16'	27°27'	24°7'	8°14'	21°24'	22°48'	21°18'	19°54'	0°23'	14°51'	T 13
W 14	7 33 47	23°23'58"	29°22'	24°25'	18°49'	6°33'	27°22'	24°12'	8°13'	21°24'	22°47'	21°18'	19°51'	0°29'	14°57'	W 14
T 15	7 37 43	24°25'05"	12°10'10"	26°2'	20°4'	6°49'	27°16'	24°17'	8°13'	21°25'	22°46'	21°19'	19°48'	0°36'	15°4'	T 15
F 16	7 41 40	25°26'13"	24°39'	27°40'	21°20'	7°5'	27°10'	24°22'	8°13'	21°25'	22°44'	21°21'	19°44'	0°43'	15°10'	F 16
S 17	7 45 37	26°27'20"	6°25'53"	29°18'	22°35'	7°20'	27°4'	24°26'	8°13'	21°26'	22°43'	21°22'	19°41'	0°49'	15°16'	S 17
S 18	7 49 33	27°28'28"	18°56'	0°56'	23°51'	7°35'	26°58'	24°31'	8°13'	21°26'	22°42'	21°23'	19°38'	0°56'	15°23'	S 18
M 19	7 53 30	28°29'36"	0°35'52"	2°35'	25°6'	7°50'	26°52'	24°35'	8°13'	21°27'	22°41'	21°23'	19°35'	1°3'	15°29'	M 19
T 20	7 57 26	29°30'44"	12°43'	4°14'	26°22'	8°3'	26°46'	24°40'	8°14'	21°27'	22°39'	21°20'	19°32'	1°9'	15°36'	T 20
W 21	8 1 23	0°31'52"	24°32'	5°54'	27°37'	8°17'	26°39'	24°44'	8°14'	21°28'	22°38'	21°16'	19°29'	1°16'	15°42'	W 21
T 22	8 5 19	1°33'00"	6°22'22"	7°34'	28°53'	8°30'	26°33'	24°48'	8°14'	21°29'	22°37'	21°10'	19°25'	1°23'	15°48'	T 22
F 23	8 9 16	2°34'07"	18°13'	9°14'	0°58'	8°42'	26°26'	24°53'	8°14'	21°29'	22°36'	21°2'	19°22'	1°29'	15°54'	F 23
S 24	8 13 13	3°35'14"	0°17'7"	10°54'	1°24'	8°54'	26°19'	24°57'	8°15'	21°30'	22°34'	20°53'	19°19'	1°36'	16°1'	S 24
S 25	8 17 9	4°36'21"	12°7'	12°35'	2°39'	9°5'	26°12'	25°1'	8°15'	21°31'	22°33'	20°45'	19°16'	1°43'	16°7'	S 25
M 26	8 21 6	5°37'27"	24°13'	14°16'	3°55'	9°15'	26°5'	25°4'	8°16'	21°32'	22°32'	20°37'	19°13'	1°49'	16°13'	M 26
T 27	8 25 2	6°38'32"	6°17'30"	15°57'	5°10'	9°25'	25°58'	25°8'	8°16'	21°33'	22°30'	20°31'	19°9'	1°56'	16°19'	T 27
W 28	8 28 59	7°39'37"	19°0'	17°39'	6°26'	9°35'	25°51'	25°12'	8°17'	21°33'	22°29'	20°27'	19°6'	2°3'	16°25'	W 28
T 29	8 32 55	8°40'41"	1°46'	19°20'	7°41'	9°43'	25°44'	25°16'	8°17'	21°34'	22°28'	20°25'	19°3'	2°9'	16°31'	T 29
F 30	8 36 52	9°41'44"	14°52'	21°1'	8°57'	9°52'	25°36'	25°19'	8°18'	21°35'	22°26'	20°22'	19°0'	2°16'	16°38'	F 30
S 31	8 40 48	10°42'47"	28°21'	22°42'	10°12'	9°59'	25°29'	25°12'	8°19'	21°36'	22°25'	20°22'	18°57'	2°23'	16°44'	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	22s58	4n38	4s31	24s13	0s55	23s18	0n1	1n23	2n32	12n45	0n48	16s21	2n11	13n46	0s29	T 1
F 2	22 53	9 55	3 46	24 16	1 1	23 19	0s 1	1 16	2 34	12 47	0 48	16 23	2 11	13 46	0 29	F 2
S 3	22 48	14 55	2 47	24 17	1 7	23 19	0 3	1 9	2 35	12 48	0 48	16 24	2 11	13 46	0 29	S 3
S 4	22 42	19 16	1 36	24 17	1 13	23 18	0 6	1 2	2 36	12 50	0 48	16 25	2 11	13 46	0 29	S 4
M 5	22 36	22 34	0 17	24 16	1 18	23 17	0 8	0 55	2 37	12 51	0 48	16 26	2 12	13 46	0 29	M 5
T 6	22 29	24 23	1n 5	24 13	1 23	23 14	0 11	0 48	2 38	12 53	0 49	16 28	2 12	13 46	0 29	T 6
W 7	22 22	24 26	2 23	24 9	1 28	23 11	0 13	0 41	2 40	12 55	0 49	16 29	2 12	13 45	0 29	W 7
T 8	22 14	22 39	3 32	24 4	1 32	23 8	0 15	0 35	2 41	12 56	0 49	16 30	2 12	13 45	0 28	T 8
F 9	22 6	19 16	4 25	23 57	1 37	23 3	0 18	0 28	2 42	12 58	0 49	16 31	2 12	13 45	0 28	F 9
S 10	21 58	14 41	4 59	23 49	1 41	22 58	0 20	0 22	2 43	13 0	0 50	16 32	2 12	13 45	0 28	S 10
S 11	21 49	9 21	5 13	23 39	1 45	22 53	0 23	0 16	2 45	13 2	0 50	16 33	2 12	13 45	0 28	S 11
M 12	21 40	3 42	5 8	23 29	1 49	22 46	0 25	0 11	2 46	13 4	0 50	16 34	2 13	13 45	0 28	M 12
T 13	21 30	1s57	4 45	23 16	1 52	22 39	0 27	0 5	2 47	13 6	0 50	16 35	2 13	13 45	0 28	T 13
W 14	21 20	7 21	4 7	23 3	1 55	22 31	0 29	0s 0	2 49	13 8	0 50	16 36	2 13	13 45	0 28	W 14
T 15	21 9	12 17	3 18	22 48	1 58	22 23	0 32	0 6	2 50	13 10	0 51	16 37	2 13	13 45	0 28	T 15
F 16	20 58	16 35	2 21	22 31	2 0	22 13	0 34	0 11	2 51	13 12	0 51	16 38	2 13	13 45	0 28	F 16
S 17	20 47	20 5	1 18	22 13	2 2	22 3	0 36	0 15	2 53	13 14	0 51	16 39	2 13	13 45	0 28	S 17
S 18	20 35	22 40	0 13	21 54	2 4	21 53	0 38	0 20	2 54	13 17	0 51	16 40	2 14	13 45	0 28	S 18
M 19	20 23	24 12	0s52	21 33	2 6	21 42	0 40	0 24	2 55	13 19	0 51	16 41	2 14	13 45	0 28	M 19
T 20	20 11	24 38	1 54	21 11	2 7	21 30	0 42	0 29	2 57	13 21	0 52	16 42	2 14	13 45	0 28	T 20
W 21	19 58	23 56	2 50	20 47	2 7	21 17	0 45	0 33	2 58	13 24	0 52	16 43	2 14	13 45	0 28	W 21
T 22	19 44	22 10	3 40	20 22	2 8	21 4	0 47	0 36	2 59	13 26	0 52	16 44	2 14	13 45	0 28	T 22
F 23	19 31	19 26	4 20	19 56	2 7	20 50	0 49	0 40	3 1	13 29	0 52	16 44	2 14	13 46	0 28	F 23
S 24	19 17	15 53	4 48	19 28	2 7	20 36	0 51	0 43	3 2	13 31	0 52	16 45	2 15	13 46	0 28	S 24
S 25	19 2	11 41	5 5	18 59	2 6	20 21	0 52	0 46	3 3	13 34	0 53	16 46	2 15	13 46	0 28	S 25
M 26	18 48	7 0	5 8	18 28	2 4	20 5	0 54	0 49	3 5	13 36	0 53	16 47	2 15	13 46	0 28	M 26
T 27	18 33	1 58	4 56	17 56	2 2	19 49	0 56	0 52	3 6	13 39	0 53	16 47	2 15	13 46	0 28	T 27
W 28	18 17	3n14	4 31	17 23	1 59	19 32	0 58	0 54	3 8	13 41	0 53	16 48	2 15	13 46	0 28	W 28
T 29	18 1	8 25	3 52	16 48	1 56	19 14	1 0	0 56	3 9	13 44	0 53	16 49	2 16	13 47	0 28	T 29
F 30	17 45	13 22	3 0	16 12	1 52	18 57	1 1	0 58	3 10	13 47	0 53	16 49	2 16	13 47	0 28	F 30
S 31	17s29	17n50	1s56	15s35	1s47	18s38	1s 3	1s 0	3n12	13n49	0n54	16s50	2n16	13n47	0s28	S 31

Julian Day Number = 2703927.5, Delta T = 26m34s

Ecliptic obliquity = 23°21'00", Nutation = - 0°00'17"

Ayanamsha: Fagan/Bradley = 34°24'25", Lahiri = 33°31'25"



## ASTRODIENST EPHEMERIS for the year 2691

MARCH 2691

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 35 8	10°H 6'41	21°II45	10°R33	16°H36	8°R25	21°R43	26°M21	9°B 1	22°V18	21°R45	17°R46	17°II25	5°A37	19°B22	S 1
M 2	10 39 5	11° 7'12	5°E50	9°H25	17°51	8°A10	21°Q36	26°21	9° 4	22°19	21°Q43	17°II45	17°21	5°43	19°27	M 2
T 3	10 43 2	12° 7'41	20°17	8°17	19° 6	7°55	21°29	26°21	9° 6	22°21	21°42	17°42	17°18	5°50	19°31	T 3
W 4	10 46 58	13° 8'08	5°L 3	7°12	20°22	7°39	21°22	26°22	9° 8	22°23	21°41	17°37	17°15	5°57	19°36	W 4
T 5	10 50 55	14° 8'34	20° 2	6° 9	21°37	7°22	21°15	26°22	9°10	22°25	21°39	17°29	17°12	6° 3	19°40	T 5
F 6	10 54 51	15° 8'57	5°M 7	5°12	22°52	7° 5	21° 8	26°R22	9°12	22°27	21°38	17°18	17° 9	6°10	19°45	F 6
S 7	10 58 48	16° 9'19	20° 6	4°20	24° 7	6°47	21° 2	26°22	9°15	22°29	21°37	17° 6	17° 6	6°17	19°49	S 7
S 8	11 2 44	17° 9'40	4°A51	3°34	25°22	6°28	20°55	26°22	9°17	22°31	21°36	16°54	17° 2	6°24	19°53	S 8
M 9	11 6 41	18° 9'58	19°13	2°55	26°37	6° 9	20°49	26°21	9°20	22°33	21°34	16°44	16°59	6°30	19°58	M 9
T 10	11 10 37	19°10'16	3°M 7	2°23	27°52	5°49	20°42	26°21	9°22	22°34	21°33	16°36	16°56	6°37	20° 2	T 10
W 11	11 14 34	20°10'32	16°33	1°58	29° 7	5°29	20°36	26°21	9°25	22°36	21°32	16°31	16°53	6°44	20° 6	W 11
T 12	11 18 31	21°10'46	29°31	1°41	0°V21	5° 8	20°30	26°20	9°27	22°38	21°31	16°28	16°50	6°50	20°10	T 12
F 13	11 22 27	22°10'59	12°A 4	1°30	1°36	4°46	20°24	26°19	9°30	22°40	21°30	16°28	16°46	6°57	20°14	F 13
S 14	11 26 24	23°11'11	24°18	1°D27	2°51	4°25	20°19	26°19	9°32	22°42	21°28	16°28	16°43	7° 4	20°18	S 14
S 15	11 30 20	24°11'21	6°B18	1°30	4° 6	4° 3	20°13	26°18	9°35	22°45	21°27	16°27	16°40	7°10	20°22	S 15
M 16	11 34 17	25°11'30	18°10	1°39	5°21	3°40	20° 8	26°17	9°37	22°47	21°26	16°25	16°37	7°17	20°26	M 16
T 17	11 38 13	26°11'37	29°58	1°54	6°36	3°17	20° 2	26°16	9°40	22°49	21°25	16°21	16°34	7°24	20°29	T 17
W 18	11 42 10	27°11'43	11°A48	2°14	7°51	2°54	19°57	26°15	9°43	22°51	21°24	16°14	16°31	7°30	20°33	W 18
T 19	11 46 6	28°11'47	23°42	2°40	9° 5	2°31	19°52	26°13	9°46	22°53	21°23	16° 4	16°27	7°37	20°37	T 19
F 20	11 50 3	29°11'49	5°H44	3°10	10°20	2° 8	19°47	26°12	9°48	22°55	21°22	15°52	16°24	7°44	20°40	F 20
S 21	11 54 0	0°V11'49	17°56	3°45	11°35	1°44	19°43	26°10	9°51	22°57	21°21	15°38	16°21	7°50	20°44	S 21
S 22	11 57 56	1°11'48	0°V19	4°25	12°50	1°20	19°38	26° 9	9°54	22°59	21°20	15°24	16°18	7°57	20°47	S 22
M 23	12 1 53	2°11'44	12°52	5° 8	14° 4	0°57	19°34	26° 7	9°57	23° 1	21°19	15°12	16°15	8° 4	20°50	M 23
T 24	12 5 49	3°11'39	25°37	5°54	15°19	0°33	19°30	26° 5	10° 0	23° 3	21°18	15° 1	16°12	8°11	20°53	T 24
W 25	12 9 46	4°11'32	8°B33	6°45	16°34	0° 9	19°26	26° 4	10° 3	23° 6	21°17	14°53	16° 8	8°17	20°56	W 25
T 26	12 13 42	5°11'23	21°39	7°38	17°48	29°M46	19°22	26° 2	10° 6	23° 8	21°16	14°48	16° 5	8°24	20°59	T 26
F 27	12 17 39	6°11'12	4°II58	8°34	19° 3	29°22	19°19	25°59	10° 9	23°10	21°15	14°46	16° 2	8°31	21° 2	F 27
S 28	12 21 35	7°10'58	18°28	9°34	20°18	28°59	19°15	25°57	10°12	23°12	21°14	14°D46	15°59	8°37	21° 5	S 28
S 29	12 25 32	8°10'42	2°E12	10°35	21°32	28°36	19°12	25°55	10°15	23°14	21°13	14°R46	15°56	8°44	21° 8	S 29
M 30	12 29 29	9°10'25	16°10	11°40	22°47	28°13	19° 9	25°53	10°18	23°17	21°12	14°46	15°52	8°51	21°11	M 30
T 31	12 33 25	10°V10'04	0°L23	12°H47	24°V 1	27°M51	19°L 6	25°M50	10°B21	23°V19	21°L11	14°II45	15°II49	8°A57	21°B13	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	7s45	23n27	0n21	4s10	3n41	6s36	1s27	0n 7	3n45	15n 6	0n56	16s58	2n22	14n 2	0s27	S 1
M 2	7 22	24 47	1 34	4 36	3 41	6 7	1 27	0 14	3 46	15 9	0 56	16 58	2 22	14 2	0 27	M 2
T 3	6 59	24 30	2 43	5 3	3 39	5 38	1 27	0 20	3 46	15 11	0 56	16 57	2 22	14 3	0 27	T 3
W 4	6 36	22 31	3 42	5 31	3 34	5 8	1 27	0 27	3 47	15 13	0 56	16 57	2 23	14 4	0 27	W 4
T 5	6 13	18 58	4 27	6 0	3 28	4 38	1 26	0 34	3 47	15 15	0 56	16 57	2 23	14 4	0 27	T 5
F 6	5 50	14 9	4 53	6 28	3 20	4 8	1 26	0 41	3 47	15 18	0 56	16 57	2 23	14 5	0 27	F 6
S 7	5 27	8 30	5 0	6 56	3 10	3 39	1 26	0 48	3 48	15 20	0 57	16 57	2 23	14 6	0 27	S 7
S 8	5 3	2 27	4 46	7 23	2 59	3 8	1 25	0 56	3 48	15 22	0 57	16 56	2 23	14 7	0 27	S 8
M 9	4 40	3s34	4 14	7 48	2 47	2 38	1 25	1 4	3 48	15 24	0 57	16 56	2 24	14 8	0 27	M 9
T 10	4 16	9 15	3 28	8 11	2 34	2 8	1 24	1 11	3 48	15 26	0 57	16 56	2 24	14 8	0 27	T 10
W 11	3 53	14 18	2 31	8 32	2 21	1 38	1 23	1 19	3 48	15 28	0 57	16 56	2 24	14 9	0 27	W 11
T 12	3 29	18 32	1 28	8 51	2 7	1 7	1 23	1 27	3 48	15 30	0 57	16 55	2 24	14 10	0 27	T 12
F 13	3 5	21 46	0 23	9 8	1 54	0 37	1 22	1 36	3 47	15 32	0 57	16 55	2 25	14 11	0 27	F 13
S 14	2 42	23 55	0s41	9 22	1 40	0 6	1 21	1 44	3 47	15 33	0 57	16 55	2 25	14 12	0 27	S 14
S 15	2 18	24 55	1 43	9 34	1 16	0n24	1 20	1 52	3 47	15 35	0 57	16 54	2 25	14 12	0 27	S 15
M 16	1 54	24 45	2 39	9 44	1 12	0 55	1 19	2 1	3 46	15 37	0 56	16 54	2 25	14 13	0 27	M 16
T 17	1 30	23 29	3 28	9 51	0 58	1 25	1 18	2 9	3 46	15 38	0 56	16 53	2 25	14 14	0 27	T 17
W 18	1 7	21 10	4 9	9 56	0 45	1 55	1 17	2 17	3 45	15 40	0 56	16 53	2 26	14 15	0 27	W 18
T 19	0 43	17 57	4 38	9 59	0 32	2 26	1 16	2 26	3 44	15 42	0 56	16 52	2 26	14 16	0 26	T 19
F 20	0 19	13 57	4 56	10 0	0 19	2 56	1 14	2 34	3 43	15 43	0 56	16 52	2 26	14 17	0 26	F 20
S 21	0n 5	9 21	5 0	9 59	0 7	3 27	1 13	2 43	3 42	15 45	0 56	16 51	2 26	14 18	0 26	S 21
S 22	0 28	4 19	4 50	9 56	0s 5	3 57	1 12	2 51	3 41	15 46	0 56	16 51	2 26	14 19	0 26	S 22
M 23	0 52	0n58	4 27	9 51	0 16	4 27	1 10	3 0	3 40	15 47	0 56	16 50	2 26	14 20	0 26	M 23
T 24	1 16	6 18	3 49	9 44	0 27	4 57	1 9	3 8	3 39	15 48	0 56	16 50	2 27	14 20	0 26	T 24
W 25	1 40	11 28	2 59	9 35	0 38	5 27	1 7	3 16	3 38	15 50	0 56	16 49	2 27	14 21	0 26	W 25
T 26	2 3	16 11	1 59	9 25	0 48	5 57	1 6	3 24	3 36	15 51	0 56	16 48	2 27	14 22	0 26	T 26
F 27	2 27	20 12	0 52	9 13	0 57	6 27	1 4	3 32	3 35	15 52	0 56	16 48	2 27	14 23	0 26	F 27
S 28	2 50	23 11	0n20	8 59	1 7	6 56	1 3	3 40	3 33	15 53	0 56	16 47	2 27	14 24	0 26	S 28
S 29	3 14	24 51	1 31	8 44	1 15	7 26	1 1	3 47	3 32	15 54	0 56	16 46	2 28	14 25	0 26	S 29
M 30	3 37	25 0	2 39	8 27	1 23	7 55	0 59	3 55	3 30	15 55	0 56	16 46	2 28	14 26	0 26	M 30
T 31	4n 1	23n32	3n38	8s 9	1s31	8n24	0s57	4n 2	3n28	15n56	0n56	16s45	2n28	14n27	0s26	T 31

Julian Day Number = 2703986.5, Delta T = 26m34s

Ecliptic obliquity = 23°21'01, Nutation = - 0°00'16

Ayanamsha: Fagan/Bradley = 34°24'34, Lahiri = 33°31'34

## ASTRODIENST EPHEMERIS for the year 2691

APRIL 2691

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 37 22	11° 9' 42"	14° 48'	13° 56'	25° 16'	27° 19'	19° 3'	25° 48'	10° 24'	23° 21'	21° 10'	14° 41'	15° 46'	9° 4'	21° 16'	W 1
T 2	12 41 18	12° 9' 17"	29° 22'	15° 7'	26° 30'	27° 7'	19° 1'	25° 43'	10° 27'	23° 23'	21° 10'	14° 34'	15° 43'	9° 11'	21° 18'	T 2
F 3	12 45 15	13° 8' 50"	14° 1'	16° 20'	27° 44'	26° 46'	18° 59'	25° 43'	10° 30'	23° 26'	21° 9'	14° 26'	15° 40'	9° 18'	21° 21'	F 3
S 4	12 49 11	14° 8' 21"	28° 37'	17° 35'	28° 59'	26° 25'	18° 56'	25° 40'	10° 33'	23° 28'	21° 8'	14° 16'	15° 37'	9° 24'	21° 23'	S 4
S 5	12 53 8	15° 7' 50"	13° 2'	18° 52'	0° 13'	26° 5'	18° 54'	25° 37'	10° 36'	23° 30'	21° 7'	14° 6'	15° 33'	9° 31'	21° 25'	S 5
M 6	12 57 4	16° 7' 16"	27° 11'	20° 11'	1° 27'	25° 45'	18° 53'	25° 34'	10° 40'	23° 32'	21° 7'	13° 58'	15° 30'	9° 38'	21° 27'	M 6
T 7	13 1 1	17° 6' 41"	10° 58'	21° 31'	2° 42'	25° 26'	18° 51'	25° 31'	10° 43'	23° 35'	21° 6'	13° 51'	15° 27'	9° 44'	21° 30'	T 7
W 8	13 4 57	18° 6' 04"	24° 21'	22° 54'	3° 56'	25° 8'	18° 50'	25° 28'	10° 46'	23° 37'	21° 5'	13° 47'	15° 24'	9° 51'	21° 31'	W 8
T 9	13 8 54	19° 5' 25"	7° 20'	24° 18'	5° 10'	24° 50'	18° 49'	25° 25'	10° 49'	23° 39'	21° 5'	13° 45'	15° 21'	9° 58'	21° 33'	T 9
F 10	13 12 51	20° 4' 45"	19° 56'	25° 43'	6° 24'	24° 32'	18° 48'	25° 22'	10° 52'	23° 41'	21° 4'	13° 45'	15° 18'	10° 4'	21° 35'	F 10
S 11	13 16 47	21° 4' 03"	2° 14'	27° 10'	7° 39'	24° 16'	18° 47'	25° 18'	10° 56'	23° 44'	21° 3'	13° 46'	15° 14'	10° 11'	21° 37'	S 11
S 12	13 20 44	22° 3' 19"	14° 17'	28° 39'	8° 53'	24° 0'	18° 46'	25° 15'	10° 59'	23° 46'	21° 3'	13° 47'	15° 11'	10° 18'	21° 39'	S 12
M13	13 24 40	23° 2' 33"	26° 12'	0° 9'	10° 7'	23° 44'	18° 46'	25° 12'	11° 2'	23° 48'	21° 2'	13° 48'	15° 8'	10° 24'	21° 40'	M13
T 14	13 28 37	24° 1' 45"	8° 2'	1° 41'	11° 21'	23° 30'	18° 46'	25° 8'	11° 6'	23° 50'	21° 2'	13° 46'	15° 5'	10° 31'	21° 42'	T 14
W15	13 32 33	25° 0' 56"	19° 54'	3° 14'	12° 35'	23° 16'	18° 46'	25° 5'	11° 9'	23° 53'	21° 1'	13° 43'	15° 2'	10° 38'	21° 43'	W15
T 16	13 36 30	26° 0' 05"	1° 52'	4° 49'	13° 49'	23° 2'	18° 46'	25° 1'	11° 12'	23° 55'	21° 1'	13° 38'	14° 58'	10° 45'	21° 44'	T 16
F 17	13 40 26	26° 59' 12"	13° 59'	6° 25'	15° 3'	22° 50'	18° 46'	24° 57'	11° 16'	23° 57'	21° 0'	13° 31'	14° 55'	10° 51'	21° 45'	F 17
S 18	13 44 23	27° 58' 17"	26° 18'	8° 3'	16° 17'	22° 38'	18° 47'	24° 53'	11° 19'	24° 0'	21° 0'	13° 23'	14° 52'	10° 58'	21° 46'	S 18
S 19	13 48 20	28° 57' 20"	8° 52'	9° 42'	17° 31'	22° 28'	18° 47'	24° 50'	11° 22'	24° 2'	20° 59'	13° 15'	14° 49'	11° 5'	21° 47'	S 19
M20	13 52 16	29° 56' 22"	21° 41'	11° 23'	18° 45'	22° 17'	18° 48'	24° 46'	11° 26'	24° 4'	20° 59'	13° 7'	14° 46'	11° 11'	21° 48'	M20
T 21	13 56 13	0° 55' 21"	4° 45'	13° 5'	19° 59'	22° 8'	18° 49'	24° 42'	11° 29'	24° 6'	20° 59'	13° 1'	14° 43'	11° 18'	21° 49'	T 21
W22	14 0 9	1° 54' 19"	18° 3'	14° 49'	21° 12'	22° 0'	18° 51'	24° 38'	11° 33'	24° 9'	20° 58'	12° 56'	14° 39'	11° 25'	21° 50'	W22
T 23	14 4 6	2° 53' 15"	1° 13'	16° 34'	22° 26'	21° 52'	18° 52'	24° 34'	11° 36'	24° 11'	20° 58'	12° 54'	14° 36'	11° 31'	21° 51'	T 23
F 24	14 8 2	3° 52' 08"	15° 34'	18° 21'	23° 40'	21° 45'	18° 54'	24° 30'	11° 39'	24° 13'	20° 58'	12° 53'	14° 33'	11° 38'	21° 51'	F 24
S 25	14 11 59	4° 50' 59"	29° 4'	20° 10'	24° 54'	21° 39'	18° 56'	24° 26'	11° 43'	24° 15'	20° 58'	12° 54'	14° 30'	11° 45'	21° 52'	S 25
S 26	14 15 55	5° 49' 49"	13° 2'	21° 59'	26° 7'	21° 33'	18° 58'	24° 22'	11° 46'	24° 18'	20° 57'	12° 55'	14° 27'	11° 52'	21° 52'	S 26
M27	14 19 52	6° 48' 36"	27° 6'	23° 51'	27° 21'	21° 29'	19° 0'	24° 17'	11° 50'	24° 20'	20° 57'	12° 57'	14° 24'	11° 58'	21° 52'	M27
T 28	14 23 49	7° 47' 20"	11° 16'	25° 44'	28° 35'	21° 25'	19° 2'	24° 13'	11° 53'	24° 22'	20° 57'	12° 57'	14° 20'	12° 5'	21° 53'	T 28
W29	14 27 45	8° 46' 03"	25° 29'	27° 38'	29° 48'	21° 22'	19° 5'	24° 9'	11° 57'	24° 24'	20° 57'	12° 56'	14° 17'	12° 12'	21° 53'	W29
T 30	14 31 42	9° 44' 43"	9° 44'	29° 34'	1° 11'	21° 20'	19° 8'	24° 4'	12° 0'	24° 27'	20° 57'	12° 53'	14° 14'	12° 18'	21° 53'	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	4n24	20n32	4n24	7s49	1s38	8n53	0s55	4n 9	3n26	15n56	0n56	16s44	2n28	14n28	0s26	7n39	1s29
T 2	4 47	16 13	4 53	7 28	1 45	9 21	0 53	4 16	3 24	15 57	0 56	16 43	2 28	14 29	0 26	7 40	1 29
F 3	5 10	10 56	5 4	7 5	1 51	9 50	0 51	4 22	3 22	15 58	0 56	16 43	2 28	14 30	0 26	7 41	1 29
S 4	5 33	5 3	4 54	6 41	1 57	10 18	0 49	4 29	3 20	15 58	0 56	16 42	2 29	14 31	0 26	7 42	1 29
S 5	5 56	1s 2	4 26	6 16	2 2	10 46	0 47	4 35	3 18	15 59	0 56	16 41	2 29	14 32	0 26	7 43	1 29
M 6	6 19	6 58	3 42	5 50	2 7	11 14	0 45	4 41	3 16	15 59	0 56	16 40	2 29	14 33	0 26	7 43	1 29
T 7	6 42	12 26	2 46	5 22	2 12	11 41	0 43	4 46	3 14	16 0	0 56	16 39	2 29	14 34	0 26	7 44	1 29
W 8	7 4	17 8	1 42	4 53	2 15	12 8	0 41	4 51	3 11	16 0	0 55	16 39	2 29	14 35	0 26	7 45	1 29
T 9	7 27	20 53	0 34	4 23	2 19	12 35	0 39	4 56	3 9	16 0	0 55	16 38	2 29	14 36	0 26	7 46	1 29
F 10	7 49	23 31	0s33	3 52	2 22	13 2	0 36	5 1	3 7	16 1	0 55	16 37	2 29	14 37	0 26	7 47	1 29
S 11	8 11	24 58	1 38	3 20	2 24	13 28	0 34	5 6	3 4	16 1	0 55	16 36	2 30	14 38	0 26	7 48	1 29
S 12	8 34	25 11	2 37	2 46	2 26	13 54	0 32	5 10	3 2	16 1	0 55	16 35	2 30	14 39	0 26	7 48	1 29
M13	8 55	24 14	3 28	2 12	2 28	14 20	0 30	5 13	2 59	16 1	0 55	16 34	2 30	14 40	0 26	7 49	1 29
T 14	9 17	22 13	4 10	1 37	2 29	14 45	0 27	5 17	2 57	16 1	0 55	16 33	2 30	14 41	0 26	7 50	1 29
W15	9 39	19 14	4 42	1 0	2 29	15 10	0 25	5 20	2 54	16 1	0 55	16 32	2 30	14 42	0 26	7 51	1 29
T 16	10 0	15 27	5 1	0 23	2 29	15 34	0 22	5 23	2 52	16 1	0 55	16 31	2 30	14 43	0 26	7 52	1 29
F 17	10 22	11 1	5 8	0n16	2 29	15 58	0 20	5 26	2 49	16 1	0 55	16 30	2 30	14 44	0 26	7 53	1 29
S 18	10 43	6 3	5 0	0 55	2 28	16 22	0 17	5 28	2 47	16 0	0 55	16 29	2 30	14 46	0 26	7 53	1 29
S 19	11 4	0 45	4 38	1 35	2 27	16 45	0 15	5 30	2 44	16 0	0 55	16 28	2 30	14 47	0 26	7 54	1 29
M20	11 25	4n41	4 1	2 16	2 25	17 8	0 12	5 31	2 41	16 0	0 55	16 27	2 30	14 48	0 26	7 55	1 29
T 21	11 45	10 3	3 12	2 58	2 22	17 31	0 10	5 33	2 39	15 59	0 54	16 26	2 31	14 49	0 26	7 56	1 29
W22	12 6	15 3	2 11	3 41	2 19	17 53	0 7	5 34	2 36	15 59	0 54	16 25	2 31	14 50	0 26	7 57	1 29
T 23	12 26	19 24	1 1	4 24	2 16	18 14	0 4	5 34	2 34	15 58	0 54	16 24	2 31	14 51	0 26	7 57	1 29
F 24	12 46	22 45	0n13	5 8	2 12	18 35	0 2	5 35	2 31	15 58	0 54	16 23	2 31	14 52	0 26	7 58	1 29
S 25	13 5	24 48	1 27	5 53	2 7	18 56	0n 1	5 35	2 28	15 57	0 54	16 22	2 31	14 53	0 26	7 59	1 29
S 26	13 25	25 19	2 37	6 38	2 3	19 16	0 3	5 34	2 26	15 56	0 54	16 21	2 31	14 54	0 26	8 0	1 29
M27	13 44	24 13	3 37	7 24	1 57	19 36	0 6	5 34	2 23	15 56	0 54	16 20	2 31	14 55	0 26	8 1	1 29
T 28	14 3	21 35	4 25	8 11	1 51	19 55	0 9	5 33	2 21	15 55	0 54	16 19	2 31	14 56	0 26	8 1	1 29
W29	14 22	17 38	4 57	8 58	1 45	20 13	0 11	5 32	2 18	15 54	0 54	16 18	2 31	14 57	0 26	8 2	1 29
T 30	14n41	12n42	5n11	9n45	1s38	20n31	0n14	5n30	2n16	15n53	0n54	16s17	2n31	14n58	0s26	8n 3	1s29

Julian Day Number = 2704017.5, Delta T = 26m35s

Ecliptic obliquity = 23°21'01", Nutation = - 0°00'17"

Ayanamsha: Fagan/Bradley = 34°24'38", Lahiri = 33°31'38"

## ASTRODIENST EPHEMERIS for the year 2691

MAY 2691

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14 35 38	10♈43'21	23♎57	1♊32	2♊15	21°R18	19♏11	24°R 0	12♈ 3	24°V29	20°R57	12°R49	14♊11	12♈25	21°R53	F 1
S 2	14 39 35	11°41'56	8♈ 4	3°31	3°29	21°D18	19°14	23♎56	12° 7	24°31	20♏57	12♊45	14° 8	12°32	21♈53	S 2
S 3	14 43 31	12°40'30	22° 1	5°32	4°42	21♎18	19°17	23°51	12°10	24°33	20°D57	12°40	14° 4	12°38	21°52	S 3
M 4	14 47 28	13°39'02	5♎45	7°34	5°56	21°18	19°21	23°47	12°14	24°35	20°57	12°36	14° 1	12°45	21°52	M 4
T 5	14 51 24	14°37'32	19°13	9°37	7° 9	21°20	19°24	23°42	12°17	24°37	20°57	12°33	13°58	12°52	21°52	T 5
W 6	14 55 21	15°36'00	2♈22	11°42	8°22	21°22	19°28	23°38	12°21	24°40	20°57	12°31	13°55	12°59	21°51	W 6
T 7	14 59 18	16°34'26	15°12	13°48	9°36	21°25	19°32	23°34	12°24	24°42	20°57	12°D31	13°52	13° 5	21°51	T 7
F 8	15 3 14	17°32'51	27°45	15°54	10°49	21°28	19°36	23°29	12°28	24°44	20°57	12°32	13°49	13°12	21°50	F 8
S 9	15 7 11	18°31'14	10♈ 2	18° 2	12° 2	21°33	19°40	23°25	12°31	24°46	20°57	12°33	13°45	13°19	21°49	S 9
S 10	15 11 7	19°29'35	22° 6	20°11	13°15	21°38	19°45	23°20	12°34	24°48	20°57	12°35	13°42	13°25	21°49	S 10
M11	15 15 4	20°27'55	4♈ 3	22°20	14°28	21°43	19°49	23°15	12°38	24°50	20°58	12°36	13°39	13°32	21°48	M11
T 12	15 19 0	21°26'14	15°55	24°30	15°41	21°50	19°54	23°11	12°41	24°52	20°58	12°37	13°36	13°39	21°47	T 12
W13	15 22 57	22°24'31	27°48	26°39	16°55	21°57	19°59	23° 6	12°45	24°54	20°58	12°R37	13°33	13°46	21°46	W13
T 14	15 26 53	23°22'46	9♈47	28°48	18° 8	22° 4	20° 4	23° 2	12°48	24°56	20°58	12°36	13°29	13°52	21°44	T 14
F 15	15 30 50	24°21'00	21°56	0♊57	19°21	22°12	20° 9	22°57	12°51	24°58	20°59	12°34	13°26	13°59	21°43	F 15
S 16	15 34 47	25°19'12	4°V19	3° 5	20°34	22°21	20°15	22°53	12°55	25° 1	20°59	12°32	13°23	14° 6	21°42	S 16
S 17	15 38 43	26°17'23	16°59	5°12	21°46	22°31	20°20	22°48	12°58	25° 3	20°59	12°30	13°20	14°12	21°40	S 17
M18	15 42 40	27°15'33	29°59	7°17	22°59	22°41	20°26	22°44	13° 2	25° 5	21° 0	12°28	13°17	14°19	21°39	M18
T 19	15 46 36	28°13'41	13♈17	9°21	24°12	22°51	20°32	22°39	13° 5	25° 7	21° 0	12°26	13°14	14°26	21°37	T 19
W20	15 50 33	29°11'47	26°55	11°22	25°25	23° 2	20°38	22°35	13° 8	25° 8	21° 1	12°25	13°10	14°32	21°36	W20
T 21	15 54 29	0♊ 9'52	10♊49	13°22	26°38	23°14	20°44	22°30	13°12	25°10	21° 1	12°D24	13° 7	14°39	21°34	T 21
F 22	15 58 26	1° 7'55	24°57	15°19	27°50	23°26	20°50	22°26	13°15	25°12	21° 2	12°25	13° 4	14°46	21°32	F 22
S 23	16 2 22	2° 5'57	9♈14	17°14	29° 3	23°39	20°57	22°21	13°18	25°14	21° 2	12°25	13° 1	14°53	21°31	S 23
S 24	16 6 19	3° 3'57	23°36	19° 5	0♈16	23°53	21° 3	22°17	13°22	25°16	21° 3	12°26	12°58	14°59	21°29	S 24
M25	16 10 16	4° 1'55	7♊58	20°54	1°28	24° 6	21°10	22°12	13°25	25°18	21° 3	12°27	12°55	15° 6	21°27	M25
T 26	16 14 12	4°59'51	22°18	22°40	2°41	24°21	21°17	22° 8	13°28	25°20	21° 4	12°27	12°51	15°13	21°24	T 26
W27	16 18 9	5°57'46	6♎31	24°22	3°53	24°36	21°24	22° 4	13°31	25°22	21° 4	12°R27	12°48	15°19	21°22	W27
T 28	16 22 5	6°55'39	20°36	26° 2	5° 6	24°51	21°31	21°59	13°35	25°24	21° 5	12°27	12°45	15°26	21°20	T 28
F 29	16 26 2	7°53'29	4♈31	27°38	6°18	25° 7	21°38	21°55	13°38	25°25	21° 6	12°27	12°42	15°33	21°18	F 29
S 30	16 29 58	8°51'19	18°14	29°10	7°31	25°23	21°46	21°51	13°41	25°27	21° 6	12°26	12°39	15°40	21°15	S 30
S 31	16 33 55	9♊49'06	1♎45	0♈39	8♈43	25♎40	21♏53	21♎46	13♈44	25°V29	21♏ 7	12♊26	12♊35	15♈46	21♈13	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	14n59	7n 5	5n 6	10n33	1s31	20n48	0n17	5n29	2n13	15n52	0n54	16s16	2n31	14n59	0s26	8n 4
S 2	15 17	1 8	4 42	11 20	1 23	21 5	0 19	5 26	2 11	15 51	0 54	16 15	2 31	15 0	0 26	8 5
S 3	15 35	4s48	4 2	12 8	1 15	21 22	0 22	5 24	2 8	15 50	0 53	16 13	2 31	15 1	0 26	8 5
M 4	15 53	10 26	3 8	12 56	1 6	21 37	0 25	5 22	2 6	15 49	0 53	16 12	2 31	15 2	0 26	8 6
T 5	16 10	15 28	2 4	13 44	0 57	21 52	0 27	5 19	2 3	15 47	0 53	16 11	2 31	15 3	0 26	8 7
W 6	16 27	19 39	0 55	14 32	0 48	22 7	0 30	5 16	2 1	15 46	0 53	16 10	2 31	15 4	0 26	8 8
T 7	16 44	22 47	0s15	15 19	0 38	22 21	0 33	5 12	1 58	15 45	0 53	16 9	2 31	15 6	0 26	8 8
F 8	17 0	24 43	1 23	16 6	0 28	22 34	0 35	5 9	1 56	15 43	0 53	16 8	2 31	15 7	0 26	8 9
S 9	17 16	25 23	2 26	16 51	0 18	22 46	0 38	5 5	1 53	15 42	0 53	16 7	2 31	15 8	0 26	8 10
S 10	17 32	24 51	3 21	17 36	0 7	22 58	0 40	5 1	1 51	15 41	0 53	16 6	2 31	15 9	0 26	8 11
M11	17 48	23 10	4 7	18 20	0n 3	23 10	0 43	4 56	1 49	15 39	0 53	16 5	2 31	15 10	0 26	8 11
T 12	18 3	20 29	4 42	19 3	0 14	23 20	0 46	4 52	1 46	15 37	0 53	16 4	2 31	15 11	0 26	8 12
W13	18 18	16 57	5 5	19 44	0 24	23 30	0 48	4 47	1 44	15 36	0 53	16 2	2 31	15 12	0 26	8 13
T 14	18 33	12 44	5 15	20 23	0 35	23 40	0 51	4 42	1 42	15 34	0 53	16 1	2 31	15 13	0 26	8 14
F 15	18 47	7 57	5 11	21 1	0 45	23 49	0 53	4 36	1 40	15 32	0 53	16 0	2 31	15 14	0 26	8 14
S 16	19 1	2 46	4 53	21 36	0 55	23 57	0 56	4 31	1 37	15 31	0 52	15 59	2 31	15 15	0 26	8 15
S 17	19 15	2n38	4 20	22 9	1 5	24 4	0 58	4 25	1 35	15 29	0 52	15 58	2 31	15 16	0 26	8 16
M18	19 28	8 5	3 33	22 40	1 15	24 10	1 1	4 19	1 33	15 27	0 52	15 57	2 31	15 17	0 26	8 16
T 19	19 41	13 19	2 34	23 9	1 24	24 16	1 3	4 13	1 31	15 25	0 52	15 56	2 31	15 18	0 26	8 17
W20	19 54	18 1	1 25	23 35	1 32	24 22	1 5	4 7	1 29	15 23	0 52	15 55	2 31	15 19	0 26	8 18
T 21	20 7	21 50	0 9	23 58	1 40	24 26	1 8	4 0	1 27	15 21	0 52	15 54	2 31	15 20	0 26	8 19
F 22	20 19	24 24	1n 9	24 19	1 47	24 30	1 10	3 53	1 25	15 19	0 52	15 53	2 31	15 21	0 26	8 19
S 23	20 30	25 25	2 23	24 38	1 54	24 33	1 12	3 46	1 22	15 17	0 52	15 52	2 31	15 22	0 26	8 20
S 24	20 42	24 43	3 29	24 53	2 0	24 36	1 15	3 39	1 20	15 15	0 52	15 51	2 31	15 23	0 26	8 21
M25	20 53	22 25	4 21	25 7	2 5	24 37	1 17	3 32	1 18	15 12	0 52	15 50	2 30	15 24	0 26	8 21
T 26	21 3	18 43	4 57	25 18	2 9	24 38	1 19	3 24	1 16	15 10	0 52	15 49	2 30	15 25	0 26	8 22
W27	21 13	13 58	5 15	25 26	2 12	24 38	1 21	3 17	1 14	15 8	0 52	15 48	2 30	15 26	0 26	8 22
T 28	21 23	8 31	5 14	25 32	2 15	24 38	1 23	3 9	1 13	15 5	0 52	15 47	2 30	15 27	0 26	8 23
F 29	21 33	2 43	4 54	25 37	2 17	24 37	1 25	3 1	1 11	15 3	0 51	15 46	2 30	15 28	0 26	8 24
S 30	21 42	3s 9	4 17	25 39	2 18	24 35	1 27	2 53	1 9	15 1	0 51	15 45	2 30	15 29	0 26	8 24
S 31	21n50	8s48	3n27	25n39	2n18	24n33	1n29	2n44	1n 7	14n58	0n51	15s44	2n30	15n30	0s26	8n25

Julian Day Number = 2704047.5, Delta T = 26m35s

Ecliptic obliquity = 23°21'01, Nutation = - 0°00'18

Ayanamsha: Fagan/Bradley = 34°24'42, Lahiri = 33°31'42

## ASTRODIENST EPHEMERIS for the year 2691

JUNE 2691

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 37 52	10II46'52	15III 2	2☾ 5	9☾55	25III58	22♂ 1	21°R42	13♂47	25V31	21♂ 8	12°R26	12II32	15☾53	21°R11	M 1
T 2	16 41 48	11°44'37	28° 5	3°27	11° 7	26°15	22° 9	21III38	13°50	25°32	21° 9	12II26	12°29	16° 0	21☾ 8	T 2
W 3	16 45 45	12°42'20	10☾55	4°46	12°20	26°33	22°17	21°34	13°54	25°34	21° 9	12°26	12°26	16° 6	21° 5	W 3
T 4	16 49 41	13°40'02	23°30	6° 1	13°32	26°52	22°25	21°30	13°57	25°36	21°10	12°26	12°23	16°13	21° 3	T 4
F 5	16 53 38	14°37'43	5☾53	7°12	14°44	27°11	22°33	21°26	14° 0	25°37	21°11	12°26	12°20	16°20	21° 0	F 5
S 6	16 57 34	15°35'23	18° 5	8°20	15°56	27°30	22°41	21°22	14° 3	25°39	21°12	12°25	12°16	16°26	20°57	S 6
S 7	17 1 131	16°33'02	0☾ 7	9°24	17° 8	27°50	22°50	21°18	14° 6	25°41	21°13	12°25	12°13	16°33	20°54	S 7
M 8	17 5 27	17°30'39	12° 2	10°24	18°20	28°10	22°58	21°14	14° 9	25°42	21°14	12°24	12°10	16°40	20°51	M 8
T 9	17 9 24	18°28'16	23°55	11°20	19°32	28°31	23° 7	21°10	14°12	25°44	21°15	12°24	12° 7	16°47	20°48	T 9
W10	17 13 21	19°25'52	5☾48	12°12	20°43	28°52	23°15	21° 7	14°15	25°45	21°16	12°23	12° 4	16°53	20°45	W10
T 11	17 17 17	20°23'26	17°46	13° 0	21°55	29°13	23°24	21° 3	14°18	25°47	21°17	12°D23	12° 1	17° 0	20°42	T 11
F 12	17 21 14	21°21'00	29°54	13°44	23° 7	29°35	23°33	20°59	14°21	25°48	21°18	12°23	11°57	17° 7	20°39	F 12
S 13	17 25 10	22°18'33	12V17	14°24	24°18	29°57	23°42	20°56	14°24	25°50	21°19	12°24	11°54	17°13	20°36	S 13
S 14	17 29 7	23°16'06	24°57	14°59	25°30	0☾19	23°51	20°52	14°26	25°51	21°20	12°24	11°51	17°20	20°33	S 14
M15	17 33 3	24°13'37	7☾59	15°31	26°42	0°42	24° 1	20°49	14°29	25°53	21°21	12°25	11°48	17°27	20°29	M15
T 16	17 37 0	25°11'08	21°24	15°57	27°53	1° 5	24°10	20°46	14°32	25°54	21°22	12°26	11°45	17°34	20°26	T 16
W17	17 40 56	26° 8'39	5II14	16°19	29° 5	1°28	24°19	20°42	14°35	25°55	21°23	12°27	11°41	17°40	20°23	W17
T 18	17 44 53	27° 6'08	19°25	16°37	0☾16	1°52	24°29	20°39	14°38	25°57	21°24	12°R27	11°38	17°47	20°19	T 18
F 19	17 48 50	28° 3'37	3☾56	16°50	1°27	2°16	24°39	20°36	14°40	25°58	21°25	12°26	11°35	17°54	20°16	F 19
S 20	17 52 46	29° 1'04	18°39	16°58	2°39	2°40	24°48	20°33	14°43	25°59	21°27	12°25	11°32	18° 0	20°12	S 20
S 21	17 56 43	29°58'31	3♂27	17°R 2	3°50	3° 4	24°58	20°30	14°46	26° 0	21°28	12°23	11°29	18° 7	20° 9	S 21
M22	18 0 39	0☾55'57	18°14	17° 2	5° 1	3°29	25° 8	20°27	14°48	26° 2	21°29	12°20	11°26	18°14	20° 5	M22
T 23	18 4 36	1°53'22	2III52	16°57	6°12	3°55	25°18	20°24	14°51	26° 3	21°30	12°18	11°22	18°21	20° 2	T 23
W24	18 8 32	2°50'45	17°15	16°47	7°23	4°20	25°28	20°21	14°54	26° 4	21°31	12°17	11°19	18°27	19°58	W24
T 25	18 12 29	3°48'08	1☾22	16°33	8°34	4°46	25°38	20°19	14°56	26° 5	21°33	12°D16	11°16	18°34	19°54	T 25
F 26	18 16 25	4°45'29	15°10	16°16	9°45	5°12	25°49	20°16	14°59	26° 6	21°34	12°16	11°13	18°41	19°51	F 26
S 27	18 20 22	5°42'50	28°39	15°55	10°56	5°38	25°59	20°14	15° 1	26° 7	21°35	12°18	11°10	18°47	19°47	S 27
S 28	18 24 19	6°40'10	11III51	15°30	12° 6	6° 5	26°10	20°11	15° 3	26° 8	21°37	12°19	11° 7	18°54	19°43	S 28
M29	18 28 15	7°37'29	24°47	15° 3	13°17	6°32	26°20	20° 9	15° 6	26° 9	21°38	12°20	11° 3	19° 1	19°39	M29
T 30	18 32 12	8☾34'47	7☾29	14☾33	14♂28	6☾59	26♂31	20III 7	15☾ 8	26V10	21♂39	12°R21	11II 0	19☾ 8	19☾36	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	21n59	13s57	2n26	25n37	2n17	24n29	1n31	2n36	1n 5	14n56	0n51	15s43	2n30	15n31	0s26	8n25
T 2	22 7 18 23	1 19 25 34	2 15 24 25	1 32 2 27	1 3 14 53	0 51 15 42	2 30 15 31	0 26 8 26	1 30 20 49	6 47 22 12	22 12 20 23	14 33 7 13				
W 3	22 14 21 52	0 8 25 29	2 13 24 21	1 34 2 18	1 1 14 50	0 51 15 41	2 29 15 32	0 26 8 27	1 30 20 48	6 47 22 12	22 12 20 21	14 33 7 14				
T 4	22 21 24 12	1s 1 25 22	2 9 24 15	1 36 2 9	1 0 14 48	0 51 15 40	2 29 15 33	0 26 8 27	1 30 20 48	6 47 22 12	22 12 20 19	14 33 7 14				
F 5	22 28 25 19	2 6 25 14	2 5 24 9	1 37 2 0	0 58 14 45	0 51 15 39	2 29 15 34	0 26 8 28	1 31 20 48	6 47 22 12	22 11 20 18	14 33 7 15				
S 6	22 34 25 11	3 5 25 5	2 0 24 3	1 39 1 51	0 56 14 42	0 51 15 38	2 29 15 35	0 26 8 28	1 31 20 47	6 47 22 12	22 11 20 16	14 33 7 15				
S 7	22 40 23 52	3 55 24 55	1 54 23 55	1 40 1 41	0 54 14 40	0 51 15 37	2 29 15 36	0 26 8 29	1 31 20 47	6 46 22 12	22 10 20 14	14 33 7 16				
M 8	22 46 21 30	4 33 24 43	1 47 23 47	1 42 1 32	0 53 14 37	0 51 15 36	2 29 15 37	0 26 8 29	1 31 20 47	6 46 22 12	22 10 20 13	14 33 7 16				
T 9	22 51 18 13	5 0 24 31	1 39 23 38	1 43 1 22	0 51 14 34	0 51 15 36	2 29 15 38	0 26 8 30	1 31 20 46	6 46 22 12	22 10 20 11	14 33 7 16				
W10	22 56 14 13	5 15 24 18	1 31 23 29	1 45 1 12	0 49 14 31	0 51 15 35	2 28 15 39	0 26 8 30	1 31 20 46	6 46 22 12	22 9 20 9	14 33 7 17				
T 11	23 0 9 39	5 15 24 4	1 21 23 19	1 46 1 2	0 48 14 28	0 51 15 34	2 28 15 40	0 26 8 31	1 31 20 45	6 46 22 12	22 9 20 8	14 33 7 17				
F 12	23 4 4 39	5 2 23 49	1 11 23 8	1 47 0 52	0 46 14 25	0 51 15 33	2 28 15 40	0 26 8 31	1 31 20 45	6 46 22 12	22 8 20 6	14 33 7 18				
S 13	23 8 0n37	4 35 23 34	1 0 22 57	1 48 0 42	0 45 14 22	0 51 15 33	2 28 15 41	0 26 8 32	1 31 20 45	6 46 22 12	22 8 20 4	14 34 7 18				
S 14	23 11 6 0	3 54 23 18	0 48 22 45	1 49 0 32	0 43 14 19	0 51 15 32	2 28 15 42	0 26 8 32	1 31 20 44	6 46 22 12	22 8 20 2	14 34 7 18				
M15	23 13 11 17	2 59 23 2	0 35 22 32	1 50 0 22	0 41 14 16	0 50 15 31	2 28 15 43	0 26 8 33	1 31 20 44	6 46 22 12	22 7 20 1	14 34 7 19				
T 16	23 16 16 13	1 54 22 46	0 22 22 19	1 51 0 11	0 40 14 13	0 50 15 30	2 27 15 44	0 26 8 33	1 31 20 43	6 46 22 12	22 7 19 59	14 34 7 19				
W17	23 18 20 26	0 40 22 29	0 8 22 5	1 52 0 0	0 38 14 9	0 50 15 30	2 27 15 45	0 26 8 34	1 31 20 43	6 46 22 12	22 6 19 57	14 34 7 19				
T 18	23 19 23 34	0n38 22 13	0s 7 21 51	1 52 0s10	0 37 14 6	0 50 15 29	2 27 15 45	0 26 8 34	1 31 20 42	6 45 22 12	22 6 19 55	14 34 7 20				
F 19	23 20 25 13	1 56 21 56	0 22 21 36	1 53 0 21	0 35 14 3	0 50 15 28	2 27 15 46	0 26 8 35	1 31 20 42	6 45 22 12	22 5 19 54	14 34 7 20				
S 20	23 21 25 8	3 7 21 39	0 38 21 20	1 54 0 32	0 34 14 0	0 50 15 28	2 27 15 47	0 26 8 35	1 31 20 41	6 45 22 12	22 5 19 52	14 35 7 20				
S 21	23 21 23 17	4 5 21 23	0 54 21 4	1 54 0 43	0 32 13 56	0 50 15 27	2 26 15 48	0 26 8 35	1 31 20 41	6 45 22 12	22 5 19 50	14 35 7 20				
M22	23 21 19 52	4 48 21 6	1 11 20 47	1 54 0 54	0 31 13 53	0 50 15 27	2 26 15 48	0 26 8 36	1 31 20 41	6 45 22 11	22 4 19 48	14 35 7 21				
T 23	23 20 15 15	5 11 20 50	1 27 20 30	1 55 1 6	0 30 13 50	0 50 15 26	2 26 15 49	0 26 8 36	1 31 20 40	6 45 22 11	22 4 19 47	14 35 7 21				
W24	23 19 9 50	5 14 20 34	1 44 20 12	1 55 1 17	0 28 13 46	0 50 15 26	2 26 15 50	0 26 8 37	1 31 20 40	6 45 22 11	22 3 19 45	14 36 7 21				
T 25	23 18 4 1	4 58 20 19	2 1 19 54	1 55 1 29	0 27 13 43	0 50 15 25	2 26 15 51	0 26 8 37	1 31 20 39	6 45 22 11	22 3 19 43	14 36 7 21				
F 26	23 16 1s53	4 25 20 4	2 18 19 35	1 55 1 40	0 25 13 39	0 50 15 25	2 25 15 51	0 26 8 37	1 32 20 39	6 45 22 11	22 2 19 41	14 36 7 22				
S 27	23 14 7 34	3 38 19 50	2 35 19 16	1 55 1 52	0 24 13 36	0 50 15 24	2 25 15 52	0 26 8 38	1 32 20 38	6 45 22 11	22 2 19 39	14 36 7 22				
S 28	23 11 12 48	2 40 19 37	2 51 18 56	1 55 2 3	0 23 13 32	0 50 15 24	2 25 15 53	0 26 8 38	1 32 20 38	6 45 22 11	22 1 19 38	14 37 7 22				
M29	23 8 17 21	1 35 19 24	3 7 18 36	1 55 2 15	0 21 13 28	0 50 15 23	2 25 15 53	0 26 8 38	1 32 20 37	6 45 22 11	22 1 19 36	14 37 7 22				
T 30	23n 4	21s 2	0n27	19n13	3s22	18n15	1n54	2s27	0n20	13n25	0n50	15s23	2n24	15n54	0s26	8n38

Julian Day Number = 2704078.5, Delta T = 26m36s

Ecliptic obliquity = 23°21'01, Nutation = - 0°00'17

Ayanamsha: Fagan/Bradley = 34°24'46, Lahiri = 33°31'46



## ASTRODIENST EPHEMERIS for the year 2691

AUGUST 2691

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 38 22	9♌ 7'11	5♋22	19♌42	21♏19	23♏19	2♏45	19♏44	16♏3	26°R25	22♏30	10°R53	9♏19	22♏42	17°R35	S 1
S 2	20 42 18	10° 4'28	17°16	21° 7	22°26	23°53	2°57	19°45	16° 4	26°Y25	22°32	10°I42	9°15	22°49	17°31	S 2
M 3	20 46 15	11° 1'46	29° 8	22°36	23°33	24°27	3°10	19°46	16° 5	26°25	22°34	10°31	9°12	22°56	17°28	M 3
T 4	20 50 11	11°59'04	11♏0	24° 9	24°40	25° 0	3°22	19°47	16° 6	26°24	22°36	10°20	9° 9	23° 3	17°25	T 4
W 5	20 54 8	12°56'23	22°55	25°46	25°47	25°35	3°35	19°48	16° 6	26°24	22°37	10°10	9° 6	23° 9	17°21	W 5
T 6	20 58 4	13°53'42	4°Y55	27°27	26°54	26° 9	3°48	19°49	16° 7	26°24	22°39	10° 2	9° 3	23°16	17°18	T 6
F 7	21 2 1	14°51'03	17° 2	29°11	28° 0	26°43	4° 0	19°50	16° 8	26°24	22°41	9°56	8°59	23°23	17°15	F 7
S 8	21 5 57	15°48'24	29°21	0♏59	29° 7	27°18	4°13	19°52	16° 9	26°24	22°43	9°52	8°56	23°29	17°12	S 8
S 9	21 9 54	16°45'46	11♏55	2°50	0♏13	27°52	4°26	19°53	16° 9	26°23	22°45	9°D51	8°53	23°36	17° 8	S 9
M10	21 13 51	17°43'09	24°44	4°44	1°19	28°27	4°39	19°55	16°10	26°23	22°46	9°51	8°50	23°43	17° 5	M10
T 11	21 17 47	18°40'34	8♏6	6°41	2°25	29° 2	4°51	19°57	16°10	26°22	22°48	9°R51	8°47	23°50	17° 2	T 11
W12	21 21 44	19°37'59	21°50	8°39	3°30	29°37	5° 4	19°59	16°11	26°22	22°50	9°51	8°44	23°56	16°59	W12
T 13	21 25 40	20°35'26	6♏3	10°40	4°36	0♏12	5°17	20° 1	16°11	26°22	22°52	9°49	8°40	24° 3	16°57	T 13
F 14	21 29 37	21°32'53	20°43	12°42	5°41	0°48	5°30	20° 3	16°12	26°21	22°54	9°44	8°37	24°10	16°54	F 14
S 15	21 33 33	22°30'22	5♏44	14°45	6°46	1°23	5°43	20° 5	16°12	26°21	22°55	9°37	8°34	24°17	16°51	S 15
S 16	21 37 30	23°27'52	21° 0	16°49	7°51	1°59	5°56	20° 7	16°12	26°20	22°57	9°27	8°31	24°23	16°48	S 16
M17	21 41 26	24°25'22	6♏19	18°54	8°56	2°35	6° 9	20° 9	16°13	26°20	22°59	9°17	8°28	24°30	16°46	M17
T 18	21 45 23	25°22'53	21°29	20°59	10° 1	3°11	6°22	20°12	16°13	26°19	23° 1	9° 7	8°25	24°37	16°43	T 18
W19	21 49 20	26°20'25	6♏22	23° 3	11° 5	3°47	6°35	20°14	16°13	26°18	23° 2	8°58	8°21	24°43	16°40	W19
T 20	21 53 16	27°17'58	20°49	25° 7	12° 9	4°23	6°48	20°17	16°13	26°18	23° 4	8°52	8°18	24°50	16°38	T 20
F 21	21 57 13	28°15'32	4♏47	27°11	13°13	4°59	7° 1	20°20	16°R13	26°17	23° 6	8°48	8°15	24°57	16°36	F 21
S 22	22 1 9	29°13'06	18°16	29°14	14°17	5°35	7°14	20°22	16°13	26°16	23° 8	8°46	8°12	25° 4	16°33	S 22
S 23	22 5 6	0♏10'42	1♏19	1♏16	15°20	6°12	7°27	20°25	16°13	26°16	23°10	8°46	8° 9	25°10	16°31	S 23
M24	22 9 2	1° 8'18	13°59	3°17	16°24	6°49	7°40	20°28	16°13	26°15	23°11	8°46	8° 5	25°17	16°29	M24
T 25	22 12 59	2° 5'55	26°21	5°17	17°27	7°26	7°53	20°31	16°13	26°14	23°13	8°45	8° 2	25°24	16°27	T 25
W26	22 16 55	3° 3'33	8♏30	7°16	18°29	8° 2	8° 6	20°34	16°13	26°13	23°15	8°42	7°59	25°30	16°25	W26
T 27	22 20 52	4° 1'12	20°31	9°13	19°32	8°39	8°19	20°38	16°12	26°12	23°17	8°37	7°56	25°37	16°23	T 27
F 28	22 24 49	4°58'52	2♏25	11° 9	20°34	9°17	8°32	20°41	16°12	26°12	23°19	8°29	7°53	25°44	16°21	F 28
S 29	22 28 45	5°56'33	14°18	13° 4	21°36	9°54	8°45	20°44	16°12	26°11	23°20	8°18	7°50	25°51	16°19	S 29
S 30	22 32 42	6°54'15	26°10	14°57	22°37	10°31	8°58	20°48	16°11	26°10	23°22	8° 5	7°46	25°57	16°17	S 30
M31	22 36 38	7♏51'58	8♏3	16♏49	23♏39	11♏9	9♏11	20♏51	16♏11	26°Y9	23♏24	7♏51	7♏43	26♏4	16°31	M31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	17n55	22s52	4s 8	20n39	1s16	4n15	0n54	9s16	0s15	11n14	0n49	15s25	2n16	16n10	0s26	8n42
S 2	17 39	20 21	4 39	20 40	1 2	3 45	0 50	9 29	0 16	11 9	0 49	15 25	2 16	16 10	0 26	8 42
M 3	17 24	16 22	4 57	20 40	0 48	3 16	0 47	9 42	0 17	11 5	0 49	15 26	2 16	16 10	0 26	8 42
T 4	17 8	12 5	5 3	20 38	0 35	2 46	0 43	9 55	0 18	11 0	0 49	15 26	2 15	16 10	0 26	8 42
W 5	16 52	7 20	4 56	20 34	0 21	2 16	0 39	10 9	0 19	10 55	0 49	15 27	2 15	16 10	0 26	8 42
T 6	16 36	2 16	4 35	20 27	0 8	1 46	0 35	10 22	0 20	10 51	0 49	15 28	2 15	16 11	0 26	8 42
F 7	16 19	2n56	4 2	20 19	0n 4	1 16	0 31	10 35	0 21	10 46	0 50	15 28	2 15	16 11	0 26	8 41
S 8	16 2	8 7	3 18	20 8	0 16	0 46	0 27	10 48	0 21	10 42	0 50	15 29	2 14	16 11	0 26	8 41
S 9	15 45	13 5	2 23	19 54	0 27	0 16	0 23	11 1	0 22	10 37	0 50	15 29	2 14	16 11	0 26	8 41
M10	15 28	17 37	1 19	19 38	0 38	0s14	0 19	11 15	0 23	10 33	0 50	15 30	2 14	16 11	0 26	8 41
T 11	15 10	21 25	0 9	19 19	0 48	0 44	0 15	11 28	0 24	10 28	0 50	15 31	2 14	16 12	0 26	8 41
W12	14 52	24 9	1n 3	18 57	0 57	1 14	0 10	11 41	0 25	10 23	0 50	15 32	2 13	16 12	0 26	8 41
T 13	14 34	25 27	2 14	18 33	1 6	1 44	0 6	11 54	0 26	10 19	0 50	15 32	2 13	16 12	0 27	8 40
F 14	14 16	25 2	3 19	18 7	1 14	2 14	0 1	12 7	0 26	10 14	0 50	15 33	2 13	16 12	0 27	8 40
S 15	13 58	22 49	4 11	17 38	1 20	2 44	0s 3	12 20	0 27	10 9	0 50	15 34	2 13	16 12	0 27	8 40
S 16	13 39	18 57	4 46	17 7	1 26	3 14	0 8	12 33	0 28	10 4	0 50	15 35	2 12	16 12	0 27	8 40
M17	13 20	13 49	5 1	16 33	1 31	3 44	0 13	12 46	0 29	10 0	0 50	15 36	2 12	16 12	0 27	8 39
T 18	13 1	7 52	4 54	15 58	1 36	4 13	0 18	12 59	0 30	9 55	0 50	15 37	2 12	16 12	0 27	8 39
W19	12 41	1 35	4 28	15 21	1 39	4 43	0 23	13 12	0 30	9 50	0 50	15 37	2 12	16 12	0 27	8 39
T 20	12 22	4s37	3 45	14 42	1 42	5 13	0 28	13 25	0 31	9 45	0 50	15 38	2 11	16 12	0 27	8 39
F 21	12 2	10 24	2 49	14 2	1 44	5 42	0 33	13 38	0 32	9 41	0 50	15 39	2 11	16 12	0 27	8 38
S 22	11 42	15 30	1 46	13 20	1 45	6 12	0 38	13 51	0 33	9 36	0 50	15 40	2 11	16 12	0 27	8 38
S 23	11 22	19 42	0 39	12 37	1 45	6 41	0 43	14 4	0 33	9 31	0 50	15 41	2 11	16 12	0 27	8 38
M24	11 2	22 51	0s28	11 54	1 45	7 10	0 48	14 17	0 34	9 26	0 50	15 42	2 10	16 12	0 27	8 37
T 25	10 41	24 50	1 32	11 9	1 44	7 39	0 54	14 29	0 35	9 22	0 50	15 43	2 10	16 12	0 27	8 37
W26	10 21	25 35	2 30	10 24	1 42	8 8	0 59	14 42	0 36	9 17	0 50	15 44	2 10	16 12	0 27	8 37
T 27	10 0	25 6	3 21	9 38	1 40	8 37	1 5	14 55	0 36	9 12	0 50	15 45	2 10	16 12	0 27	8 36
F 28	9 39	23 29	4 3	8 52	1 38	9 5	1 10	15 7	0 37	9 7	0 50	15 47	2 9	16 12	0 27	8 36
S 29	9 18	20 51	4 34	8 5	1 34	9 34	1 16	15 20	0 38	9 2	0 50	15 48	2 9	16 12	0 27	8 36
S 30	8 57	17 20	4 53	7 18	1 31	10 2	1 22	15 32	0 39	8 57	0 50	15 49	2 9	16 12	0 27	8 35
M31	8n35	13s 9	4s59	6n31	1n26	10s30	1s27	15s44	0s39	8n53	0n50	15s50	2n 9	16n11	0s27	8n35

Julian Day Number = 2704139.5, Delta T = 26m36s

Ecliptic obliquity = 23°21'01, Nutation = - 0°00'15

Ayanamsha: Fagan/Bradley = 34°24'55, Lahiri = 33°31'55

# ASTRODIENST EPHEMERIS for the year 2691

SEPTEMBER 2691

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 40 35	8♈49'43	20♊0	18♈40	24♈40	11♈46	9♈24	20♈55	16°R10	26°R 8	23♈26	7°R37	7♈40	26♈11	16°R14	T 1
W 2	22 44 31	9°47'29	2°V 0	20°29	25°40	12°24	9°37	20°59	16♈10	26°V 7	23°27	7♈25	7°37	26°17	16♈12	W 2
T 3	22 48 28	10°45'16	14° 7	22°17	26°41	13° 2	9°50	21° 3	16° 9	26° 6	23°29	7°14	7°34	26°24	16°11	T 3
F 4	22 52 24	11°43'05	26°20	24° 3	27°41	13°40	10° 3	21° 6	16° 9	26° 5	23°31	7° 6	7°31	26°31	16° 9	F 4
S 5	22 56 21	12°40'56	8♈44	25°48	28°40	14°18	10°16	21°10	16° 8	26° 4	23°32	7° 1	7°27	26°38	16° 8	S 5
S 6	23 0 17	13°38'48	21°21	27°32	29°40	14°56	10°29	21°14	16° 7	26° 2	23°34	6°59	7°24	26°44	16° 7	S 6
M 7	23 4 14	14°36'43	4♈14	29°14	0♈39	15°35	10°42	21°18	16° 6	26° 1	23°36	6°D58	7°21	26°51	16° 6	M 7
T 8	23 8 11	15°34'39	17°27	0♈55	1°37	16°13	10°55	21°23	16° 6	26° 0	23°38	6°R58	7°18	26°58	16° 5	T 8
W 9	23 12 7	16°32'36	1♈4	2°35	2°36	16°51	11° 9	21°27	16° 5	25°59	23°39	6°58	7°15	27° 4	16° 4	W 9
T 10	23 16 4	17°30'36	15° 6	4°14	3°33	17°30	11°22	21°31	16° 4	25°58	23°41	6°56	7°11	27°11	16° 3	T 10
F 11	23 20 0	18°28'37	29°34	5°51	4°31	18° 9	11°35	21°36	16° 3	25°57	23°43	6°51	7° 8	27°18	16° 2	F 11
S 12	23 23 57	19°26'41	14♈24	7°27	5°28	18°48	11°48	21°40	16° 2	25°55	23°44	6°44	7° 5	27°25	16° 1	S 12
S 13	23 27 53	20°24'46	29°30	9° 1	6°24	19°27	12° 1	21°45	16° 1	25°54	23°46	6°34	7° 2	27°31	16° 1	S 13
M14	23 31 50	21°22'52	14♈43	10°35	7°21	20° 6	12°14	21°49	16° 0	25°53	23°47	6°24	6°59	27°38	16° 0	M14
T 15	23 35 46	22°21'00	29°52	12° 7	8°16	20°45	12°27	21°54	15°59	25°51	23°49	6°13	6°56	27°45	15°59	T 15
W16	23 39 43	23°19'10	14♈46	13°38	9°11	21°24	12°40	21°59	15°57	25°50	23°51	6° 4	6°52	27°52	15°59	W16
T 17	23 43 40	24°17'22	29°18	15° 7	10° 6	22° 4	12°52	22° 4	15°56	25°49	23°52	5°57	6°49	27°58	15°59	T 17
F 18	23 47 36	25°15'34	13♈22	16°36	11° 0	22°43	13° 5	22° 9	15°55	25°47	23°54	5°53	6°46	28° 5	15°59	F 18
S 19	23 51 33	26°13'49	26°57	18° 3	11°54	23°23	13°18	22°14	15°54	25°46	23°55	5°51	6°43	28°12	15°58	S 19
S 20	23 55 29	27°12'05	10♈5	19°29	12°47	24° 2	13°31	22°19	15°52	25°45	23°57	5°D51	6°40	28°18	15°D58	S 20
M21	23 59 26	28°10'22	22°47	20°53	13°39	24°42	13°44	22°24	15°51	25°43	23°59	5°R52	6°36	28°25	15°58	M21
T 22	0 3 22	29° 8'41	5♈11	22°17	14°31	25°22	13°57	22°29	15°49	25°42	24° 0	5°51	6°33	28°32	15°58	T 22
W23	0 7 19	0♈1	17°19	23°38	15°22	26° 2	14°10	22°34	15°48	25°40	24° 2	5°50	6°30	28°39	15°59	W23
T 24	0 11 15	1° 5'23	29°17	24°59	16°13	26°42	14°23	22°40	15°47	25°39	24° 3	5°46	6°27	28°45	15°59	T 24
F 25	0 15 12	2° 3'47	11♈10	26°18	17° 2	27°22	14°35	22°45	15°45	25°37	24° 5	5°40	6°24	28°52	15°59	F 25
S 26	0 19 9	3° 2'12	23° 2	27°36	17°52	28° 3	14°48	22°50	15°43	25°36	24° 6	5°31	6°21	28°59	16° 0	S 26
S 27	0 23 5	4° 0'38	4♈55	28°52	18°40	28°43	15° 1	22°56	15°42	25°34	24° 8	5°21	6°17	29° 5	16° 0	S 27
M28	0 27 2	4°59'07	16°52	0♈6	19°27	29°24	15°13	23° 1	15°40	25°33	24° 9	5°10	6°14	29°12	16° 1	M28
T 29	0 30 58	5°57'37	28°55	1°19	20°14	0♈4	15°26	23° 7	15°38	25°31	24°10	4°58	6°11	29°19	16° 1	T 29
W30	0 34 55	6♈56'08	11°V 5	21♈30	21♈0	0♈45	15♈39	23♈13	15♈37	25°V30	24°12	4♈48	6♈8	29°26	16♈2	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	8n14	8s26	4s52	5n43	1n22	10s58	1s33	15s57	0s40	8n48	0n50	15s51	2n 8	16n11	0s27	8n34
W 2	7 52	3 23	4 33	4 56	1 17	11 25	1 39	16 9	0 41	8 43	0 50	15 52	2 8	16 11	0 27	8 34
T 3	7 30	1n51	4 0	4 9	1 12	11 53	1 45	16 21	0 41	8 38	0 51	15 54	2 8	16 11	0 27	8 34
F 4	7 9	7 4	3 17	3 22	1 6	12 20	1 51	16 33	0 42	8 33	0 51	15 55	2 8	16 11	0 27	8 33
S 5	6 47	12 6	2 23	2 35	1 0	12 47	1 57	16 45	0 43	8 28	0 51	15 56	2 8	16 11	0 27	8 33
S 6	6 24	16 43	1 22	1 48	0 54	13 14	2 3	16 57	0 43	8 23	0 51	15 57	2 7	16 10	0 27	8 32
M 7	6 2	20 40	0 15	1 1	0 47	13 40	2 9	17 9	0 44	8 18	0 51	15 59	2 7	16 10	0 27	8 32
T 8	5 40	23 41	0n55	0 15	0 41	14 6	2 15	17 20	0 44	8 14	0 51	16 0	2 7	16 10	0 27	8 31
W 9	5 18	25 25	2 4	0s31	0 34	14 32	2 21	17 32	0 45	8 9	0 51	16 1	2 7	16 10	0 27	8 31
T 10	4 55	25 36	3 7	1 16	0 26	14 58	2 27	17 43	0 46	8 4	0 51	16 2	2 6	16 9	0 27	8 30
F 11	4 32	24 5	4 0	2 1	0 19	15 23	2 33	17 55	0 46	7 59	0 51	16 4	2 6	16 9	0 27	8 30
S 12	4 10	20 54	4 39	2 46	0 12	15 48	2 40	18 6	0 47	7 54	0 51	16 5	2 6	16 9	0 27	8 29
S 13	3 47	16 16	4 59	3 30	0 4	16 13	2 46	18 17	0 48	7 49	0 51	16 7	2 6	16 8	0 27	8 29
M14	3 24	10 35	4 58	4 14	0s 4	16 37	2 52	18 28	0 48	7 44	0 51	16 8	2 6	16 8	0 27	8 29
T 15	3 1	4 17	4 36	4 57	0 12	17 2	2 58	18 39	0 49	7 39	0 51	16 9	2 5	16 8	0 27	8 28
W16	2 39	2s10	3 56	5 40	0 20	17 25	3 5	18 50	0 49	7 35	0 51	16 11	2 5	16 7	0 27	8 27
T 17	2 16	8 22	3 1	6 22	0 28	17 49	3 11	19 1	0 50	7 30	0 51	16 12	2 5	16 7	0 27	8 27
F 18	1 53	13 57	1 56	7 3	0 36	18 12	3 17	19 12	0 50	7 25	0 52	16 14	2 5	16 7	0 27	8 26
S 19	1 30	18 38	0 47	7 44	0 44	18 35	3 24	19 22	0 51	7 20	0 52	16 15	2 5	16 6	0 27	8 26
S 20	1 7	22 15	0s22	8 24	0 52	18 57	3 30	19 33	0 52	7 15	0 52	16 17	2 4	16 6	0 27	8 25
M21	0 43	24 38	1 29	9 3	1 0	19 19	3 36	19 43	0 52	7 10	0 52	16 18	2 4	16 5	0 27	8 25
T 22	0 20	25 44	2 29	9 42	1 8	19 41	3 43	19 53	0 53	7 5	0 52	16 20	2 4	16 5	0 27	8 24
W23	0s 3	25 34	3 22	10 20	1 17	20 2	3 49	20 3	0 53	7 1	0 52	16 21	2 4	16 5	0 27	8 24
T 24	0 26	24 12	4 4	10 57	1 25	20 23	3 55	20 13	0 54	6 56	0 52	16 23	2 4	16 4	0 27	8 23
F 25	0 49	21 47	4 36	11 33	1 33	20 43	4 2	20 23	0 54	6 51	0 52	16 24	2 3	16 4	0 27	8 23
S 26	1 12	18 27	4 56	12 9	1 41	21 3	4 8	20 32	0 55	6 46	0 52	16 26	2 3	16 3	0 27	8 22
S 27	1 35	14 22	5 3	12 44	1 49	21 23	4 14	20 42	0 55	6 41	0 52	16 27	2 3	16 3	0 27	8 21
M28	1 58	9 43	4 57	13 17	1 57	21 42	4 20	20 51	0 56	6 37	0 52	16 29	2 3	16 2	0 27	8 21
T 29	2 22	4 41	4 38	13 50	2 4	22 1	4 26	21 0	0 56	6 32	0 53	16 30	2 3	16 2	0 27	8 20
W30	2s45	0n36	4s 5	14s22	2s12	22s19	4s33	21s 9	0s57	6n27	0n53	16s32	2n 2	16n 1	0s27	8n20

Julian Day Number = 2704170.5, Delta T = 26m37s  
 Ecliptic obliquity = 23°21'02, Nutation = - 0°00'15  
 Ayanamsha: Fagan/Bradley = 34°24'59, Lahiri = 33°31'59

## ASTRODIENST EPHEMERIS for the year 2691

OCTOBER 2691

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 38 51	7♂54'42	23♂22	3♂39	21♂45	1♂26	15♂51	23♂19	15°R35	25°R28	24♂13	4°R39	6♂5	29♂32	16♂3	T 1
F 2	0 42 48	8°53'18	5♂49	4°46	22°29	2° 6	16° 4	23°24	15♂33	25♂26	24°15	4♂33	6° 2	29°39	16° 4	F 2
S 3	0 46 44	9°51'56	18°26	5°52	23°13	2°47	16°16	23°30	15°31	25°25	24°16	4°30	5°58	29°46	16° 5	S 3
S 4	0 50 41	10°50'36	1♂14	6°54	23°55	3°28	16°29	23°36	15°29	25°23	24°17	4°D28	5°55	29°53	16° 6	S 4
M 5	0 54 38	11°49'18	14°16	7°55	24°36	4° 9	16°41	23°42	15°27	25°22	24°19	4°29	5°52	29°59	16° 7	M 5
T 6	0 58 34	12°48'02	27°33	8°53	25°16	4°51	16°53	23°48	15°26	25°20	24°20	4°30	5°49	0♂6	16° 9	T 6
W 7	1 2 31	13°46'48	11♂9	9°48	25°55	5°32	17° 6	23°54	15°24	25°18	24°21	4°R30	5°46	0°13	16°10	W 7
T 8	1 6 27	14°45'37	25° 3	10°41	26°33	6°13	17°18	24° 0	15°22	25°17	24°22	4°30	5°42	0°19	16°12	T 8
F 9	1 10 24	15°44'28	9♂17	11°30	27°10	6°55	17°30	24° 6	15°20	25°15	24°24	4°28	5°39	0°26	16°13	F 9
S 10	1 14 20	16°43'22	23°49	12°15	27°46	7°37	17°43	24°12	15°18	25°13	24°25	4°23	5°36	0°33	16°15	S 10
S 11	1 18 17	17°42'17	8♂34	12°57	28°20	8°18	17°55	24°19	15°15	25°12	24°26	4°18	5°33	0°40	16°16	S 11
M12	1 22 13	18°41'14	23°27	13°35	28°53	9° 0	18° 7	24°25	15°13	25°10	24°27	4°11	5°30	0°46	16°18	M12
T 13	1 26 10	19°40'14	8♂18	14° 8	29°24	9°42	18°19	24°31	15°11	25° 8	24°28	4° 4	5°27	0°53	16°20	T 13
W14	1 30 7	20°39'16	22°59	14°36	29°55	10°24	18°31	24°38	15° 9	25° 7	24°29	3°57	5°23	1° 0	16°22	W14
T 15	1 34 3	21°38'19	7♂23	15° 0	0♂23	11° 6	18°43	24°44	15° 7	25° 5	24°31	3°53	5°20	1° 6	16°24	T 15
F 16	1 38 0	22°37'25	21°25	15°17	0°50	11°48	18°55	24°50	15° 5	25° 3	24°32	3°50	5°17	1°13	16°26	F 16
S 17	1 41 56	23°36'33	5♂1	15°28	1°16	12°30	19° 7	24°57	15° 2	25° 2	24°33	3°D50	5°14	1°20	16°28	S 17
S 18	1 45 53	24°35'42	18°11	15°R33	1°40	13°12	19°18	25° 3	15° 0	25° 0	24°34	3°50	5°11	1°27	16°30	S 18
M19	1 49 49	25°34'53	0♂58	15°30	2° 2	13°55	19°30	25°10	14°58	24°58	24°35	3°52	5° 8	1°33	16°33	M19
T 20	1 53 46	26°34'06	13°25	15°20	2°22	14°37	19°42	25°17	14°56	24°57	24°36	3°53	5° 4	1°40	16°35	T 20
W21	1 57 42	27°33'21	25°36	15° 2	2°40	15°20	19°53	25°23	14°53	24°55	24°37	3°R54	5° 1	1°47	16°38	W21
T 22	2 1 39	28°32'37	7♂36	14°36	2°57	16° 3	20° 5	25°30	14°51	24°53	24°38	3°54	4°58	1°54	16°40	T 22
F 23	2 5 36	29°31'55	19°30	14° 2	3°11	16°45	20°16	25°37	14°49	24°52	24°39	3°52	4°55	2° 0	16°43	F 23
S 24	2 9 32	0♂31'15	1♂22	13°20	3°24	17°28	20°28	25°43	14°46	24°50	24°40	3°48	4°52	2° 7	16°46	S 24
S 25	2 13 29	1°30'36	13°17	12°29	3°34	18°11	20°39	25°50	14°44	24°48	24°40	3°44	4°48	2°14	16°48	S 25
M26	2 17 25	2°30'00	25°18	11°32	3°42	18°54	20°50	25°57	14°42	24°47	24°41	3°38	4°45	2°20	16°51	M26
T 27	2 21 22	3°29'25	7♂27	10°28	3°48	19°37	21° 1	26° 4	14°39	24°45	24°42	3°33	4°42	2°27	16°54	T 27
W28	2 25 18	4°28'52	19°47	9°19	3°52	20°20	21°12	26°11	14°37	24°43	24°43	3°28	4°39	2°34	16°57	W28
T 29	2 29 15	5°28'20	2♂19	8° 6	3°R53	21° 3	21°23	26°18	14°34	24°42	24°44	3°24	4°36	2°41	17° 0	T 29
F 30	2 33 11	6°27'51	15° 3	6°52	3°52	21°46	21°34	26°25	14°32	24°40	24°44	3°21	4°33	2°47	17° 4	F 30
S 31	2 37 8	7♂27'24	28♂0	5♂39	3♂48	22♂30	21♂45	26♂31	14♂30	24♂39	24♂45	3°D20	4♂29	2♂54	17♂7	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	3s 8	5n56	3s21	14s53	2s20	22s37	4s39	21s18	0s57	6n22	0n53	16s33	2n 2	16n 1	0s27	T 1
F 2	3 31	11 6	2 27	15 22	2 27	22 54	4 45	21 27	0 58	6 17	0 53	16 35	2 2	16 0	0 27	F 2
S 3	3 54	15 53	1 25	15 51	2 34	23 11	4 51	21 35	0 58	6 13	0 53	16 37	2 2	16 0	0 27	S 3
S 4	4 17	20 3	0 17	16 18	2 41	23 28	4 56	21 44	0 59	6 8	0 53	16 38	2 2	15 59	0 27	S 4
M 5	4 39	23 18	0n52	16 44	2 48	23 44	5 2	21 52	0 59	6 3	0 53	16 40	2 2	15 59	0 27	M 5
T 6	5 2	25 21	2 1	17 9	2 54	23 59	5 8	22 0	0 59	5 39	0 53	16 41	2 1	15 58	0 27	T 6
W 7	5 25	25 57	3 4	17 33	3 0	24 14	5 13	22 8	1 0	5 54	0 53	16 43	2 1	15 57	0 27	W 7
T 8	5 48	24 57	3 58	17 54	3 6	24 29	5 19	22 15	1 0	5 49	0 53	16 45	2 1	15 57	0 27	T 8
F 9	6 10	22 20	4 39	18 15	3 11	24 43	5 24	22 23	1 1	5 45	0 54	16 46	2 1	15 56	0 27	F 9
S 10	6 33	18 17	5 2	18 34	3 16	24 56	5 30	22 30	1 1	5 40	0 54	16 48	2 1	15 56	0 27	S 10
S 11	6 55	13 4	5 7	18 51	3 20	25 9	5 35	22 37	1 2	5 35	0 54	16 50	2 1	15 55	0 27	S 11
M12	7 18	7 3	4 51	19 6	3 24	25 21	5 40	22 44	1 2	5 31	0 54	16 51	2 1	15 54	0 27	M12
T 13	7 40	0 38	4 15	19 19	3 27	25 33	5 45	22 51	1 2	5 26	0 54	16 53	2 0	15 54	0 27	T 13
W14	8 2	5s46	3 23	19 29	3 29	25 44	5 49	22 58	1 3	5 22	0 54	16 55	2 0	15 53	0 27	W14
T 15	8 24	11 45	2 18	19 38	3 31	25 55	5 54	23 4	1 3	5 17	0 54	16 56	2 0	15 53	0 27	T 15
F 16	8 46	16 58	1 7	19 44	3 31	26 5	5 58	23 10	1 3	5 12	0 54	16 58	2 0	15 52	0 27	F 16
S 17	9 8	21 10	0s 6	19 47	3 31	26 14	6 2	23 16	1 4	5 8	0 55	17 0	2 0	15 51	0 27	S 17
S 18	9 30	24 7	1 17	19 47	3 30	26 23	6 6	23 22	1 4	5 3	0 55	17 1	2 0	15 51	0 27	S 18
M19	9 51	25 43	2 22	19 44	3 27	26 31	6 10	23 27	1 5	4 59	0 55	17 3	2 0	15 50	0 27	M19
T 20	10 13	25 58	3 19	19 37	3 23	26 39	6 13	23 33	1 5	4 55	0 55	17 5	2 0	15 49	0 27	T 20
W21	10 34	24 57	4 5	19 26	3 18	26 46	6 16	23 38	1 5	4 50	0 55	17 6	1 59	15 49	0 27	W21
T 22	10 55	22 48	4 39	19 12	3 11	26 52	6 19	23 43	1 6	4 46	0 55	17 8	1 59	15 48	0 27	T 22
F 23	11 16	19 41	5 2	18 54	3 2	26 57	6 21	23 47	1 6	4 41	0 55	17 10	1 59	15 47	0 27	F 23
S 24	11 37	15 48	5 11	18 31	2 52	27 1	6 23	23 52	1 6	4 37	0 56	17 11	1 59	15 47	0 27	S 24
S 25	11 57	11 16	5 7	18 4	2 40	27 5	6 25	23 56	1 7	4 33	0 56	17 13	1 59	15 46	0 27	S 25
M26	12 18	6 18	4 50	17 33	2 26	27 8	6 27	24 0	1 7	4 29	0 56	17 15	1 59	15 45	0 27	M26
T 27	12 38	1 1	4 19	16 58	2 10	27 10	6 27	24 4	1 7	4 24	0 56	17 16	1 59	15 45	0 27	T 27
W28	12 58	4n22	3 36	16 20	1 53	27 11	6 28	24 7	1 7	4 20	0 56	17 18	1 59	15 44	0 27	W28
T 29	13 18	9 42	2 42	15 39	1 34	27 12	6 28	24 11	1 8	4 16	0 56	17 20	1 59	15 43	0 27	T 29
F 30	13 37	14 43	1 39	14 56	1 14	27 11	6 28	24 14	1 8	4 12	0 56	17 21	1 58	15 42	0 27	F 30
S 31	13s57	19n10	0s29	14s12	0s54	27s 9	6s27	24s16	1s 8	4n 8	0n57	17s23	1n58	15n42	0s27	S 31

Julian Day Number = 2704200.5, Delta T = 26m37s

Ecliptic obliquity = 23°21'02, Nutation = - 0°00'16

Ayanamsha: Fagan/Bradley = 34°25'03, Lahiri = 33°32'03

## ASTRODIENST EPHEMERIS for the year 2691

NOVEMBER 2691

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 41 4	8♍26'59	11♏ 9	4°R28	3°R42	23♌13	21♏56	26♍38	14°R27	24°R37	24♌46	3♏20	4♏26	3♏1	17♌10	S 1
M 2	2 45 1	9°26'37	24°31	3♍22	3♌34	23°57	22° 7	26°45	14♌25	24°Y35	24°47	3°21	4°23	3° 8	17°13	M 2
T 3	2 48 58	10°26'16	8♏ 4	2°23	3°23	24°40	22°17	26°52	14°22	24°34	24°47	3°22	4°20	3°14	17°17	T 3
W 4	2 52 54	11°25'58	21°49	1°32	3°10	25°24	22°28	26°59	14°20	24°32	24°48	3°24	4°17	3°21	17°20	W 4
T 5	2 56 51	12°25'42	5♏46	0°51	2°55	26° 8	22°38	27° 6	14°17	24°31	24°48	3°25	4°13	3°28	17°24	T 5
F 6	3 0 47	13°25'28	19°54	0°22	2°37	26°51	22°49	27°14	14°15	24°29	24°49	3°R25	4°10	3°34	17°28	F 6
S 7	3 4 44	14°25'16	4♏10	0° 3	2°17	27°35	22°59	27°21	14°12	24°27	24°50	3°24	4° 7	3°41	17°31	S 7
S 8	3 8 40	15°25'06	18°33	29°D56	1°54	28°19	23° 9	27°28	14°10	24°26	24°50	3°22	4° 4	3°48	17°35	S 8
M 9	3 12 37	16°24'59	2♏58	0° 0	1°30	29° 3	23°19	27°35	14° 7	24°24	24°51	3°20	4° 1	3°55	17°39	M 9
T 10	3 16 33	17°24'54	17°21	0°15	1° 4	29°47	23°29	27°42	14° 5	24°23	24°51	3°18	3°58	4° 1	17°43	T 10
W 11	3 20 30	18°24'50	1♍37	0°40	0°35	0♌31	23°39	27°49	14° 3	24°21	24°51	3°16	3°54	4° 8	17°47	W 11
T 12	3 24 27	19°24'49	15°40	1°15	0° 5	1°16	23°49	27°56	14° 0	24°20	24°52	3°15	3°51	4°15	17°51	T 12
F 13	3 28 23	20°24'50	29°27	1°58	29♍34	2° 0	23°59	28° 3	13°58	24°18	24°52	3°D14	3°48	4°21	17°55	F 13
S 14	3 32 20	21°24'52	12♌54	2°49	29° 1	2°44	24° 8	28°11	13°55	24°17	24°53	3°14	3°45	4°28	17°59	S 14
S 15	3 36 16	22°24'56	26° 1	3°47	28°27	3°29	24°18	28°18	13°53	24°16	24°53	3°15	3°42	4°35	18° 3	S 15
M 16	3 40 13	23°25'02	8♌47	4°50	27°52	4°13	24°27	28°25	13°50	24°14	24°53	3°16	3°39	4°42	18° 8	M 16
T 17	3 44 9	24°25'10	21°16	5°59	27°16	4°58	24°37	28°32	13°48	24°13	24°54	3°17	3°35	4°48	18°12	T 17
W 18	3 48 6	25°25'19	3♏29	7°13	26°40	5°43	24°46	28°39	13°46	24°11	24°54	3°17	3°32	4°55	18°16	W 18
T 19	3 52 3	26°25'29	15°30	8°30	26° 3	6°27	24°55	28°47	13°43	24°10	24°54	3°18	3°29	5° 2	18°21	T 19
F 20	3 55 59	27°25'41	27°25	9°51	25°27	7°12	25° 4	28°54	13°41	24° 9	24°54	3°R18	3°26	5° 9	18°25	F 20
S 21	3 59 56	28°25'55	9♏18	11°14	24°50	7°57	25°13	29° 1	13°38	24° 7	24°54	3°18	3°23	5°15	18°30	S 21
S 22	4 3 52	29°26'10	21°13	12°39	24°15	8°42	25°21	29° 8	13°36	24° 6	24°54	3°18	3°19	5°22	18°35	S 22
M 23	4 7 49	0♌26'26	3°Y15	14° 7	23°40	9°27	25°30	29°16	13°34	24° 5	24°55	3°17	3°16	5°29	18°39	M 23
T 24	4 11 45	1°26'43	15°28	15°36	23° 5	10°12	25°39	29°23	13°31	24° 3	24°55	3°17	3°13	5°35	18°44	T 24
W 25	4 15 42	2°27'03	27°56	17° 7	22°33	10°57	25°47	29°30	13°29	24° 2	24°55	3°17	3°10	5°42	18°49	W 25
T 26	4 19 38	3°27'23	10♌39	18°38	22° 1	11°42	25°55	29°37	13°27	24° 1	24°R55	3°D17	3° 7	5°49	18°53	T 26
F 27	4 23 35	4°27'46	23°40	20°10	21°31	12°27	26° 3	29°44	13°25	24° 0	24°55	3°17	3° 4	5°56	18°58	F 27
S 28	4 27 32	5°28'09	6♏58	21°43	21° 3	13°13	26°11	29°52	13°22	23°59	24°55	3°R17	3° 0	6° 2	19° 3	S 28
S 29	4 31 28	6°28'35	20°33	23°17	20°37	13°58	26°19	29°59	13°20	23°58	24°55	3°17	2°57	6° 9	19° 8	S 29
M 30	4 35 25	7♌29'02	4♏22	24♍51	20♍13	14♌43	26♏27	0♌ 6	13♌18	23°Y56	24°Ω54	3♏16	2♏54	6♏16	19♌13	M 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
S 1	14s16	22n44	0n43	13s29	0s33	27s 7	6s25	24s19	1s 9	4n 3	0n57	17s25	1n58	15n41	0s27	S 1
M 2	14 35	25 8	1 54	12 47	0 13	27 3	6 23	24 21	1 9	3 59	0 57	17 27	1 58	15 40	0 27	M 2
T 3	14 54	26 6	3 0	12 8	0n 7	26 58	6 20	24 24	1 9	3 55	0 57	17 28	1 58	15 40	0 27	T 3
W 4	15 12	25 28	3 56	11 33	0 26	26 52	6 17	24 25	1 9	3 51	0 57	17 30	1 58	15 39	0 27	W 4
T 5	15 31	23 16	4 39	11 2	0 44	26 45	6 13	24 27	1 10	3 47	0 57	17 32	1 58	15 38	0 27	T 5
F 6	15 49	19 38	5 6	10 36	1 1	26 37	6 8	24 29	1 10	3 43	0 58	17 33	1 58	15 37	0 27	F 6
S 7	16 6	14 50	5 15	10 16	1 16	26 28	6 3	24 30	1 10	3 40	0 58	17 35	1 58	15 37	0 27	S 7
S 8	16 24	9 11	5 4	10 1	1 29	26 17	5 57	24 31	1 10	3 36	0 58	17 37	1 58	15 36	0 27	S 8
M 9	16 41	3 1	4 34	9 52	1 40	26 5	5 50	24 31	1 10	3 32	0 58	17 38	1 58	15 35	0 27	M 9
T 10	16 58	3s18	3 47	9 50	1 49	25 53	5 42	24 32	1 11	3 28	0 58	17 40	1 58	15 35	0 27	T 10
W 11	17 15	9 24	2 46	9 49	1 57	25 38	5 34	24 32	1 11	3 24	0 59	17 41	1 58	15 34	0 27	W 11
T 12	17 31	14 57	1 36	9 56	2 3	25 23	5 25	24 32	1 11	3 21	0 59	17 43	1 57	15 33	0 27	T 12
F 13	17 47	19 37	0 21	10 7	2 8	25 7	5 15	24 31	1 11	3 17	0 59	17 45	1 57	15 32	0 27	F 13
S 14	18 3	23 9	0s53	10 21	2 11	24 49	5 5	24 31	1 11	3 13	0 59	17 46	1 57	15 32	0 27	S 14
S 15	18 18	25 20	2 3	10 38	2 13	24 31	4 54	24 30	1 11	3 10	0 59	17 48	1 57	15 31	0 27	S 15
M 16	18 34	26 8	3 4	10 59	2 14	24 12	4 42	24 29	1 12	3 6	0 59	17 50	1 57	15 30	0 27	M 16
T 17	18 48	25 33	3 56	11 22	2 14	23 51	4 30	24 27	1 12	3 3	1 0	17 51	1 57	15 30	0 27	T 17
W 18	19 3	23 46	4 35	11 47	2 12	23 30	4 17	24 26	1 12	2 59	1 0	17 53	1 57	15 29	0 27	W 18
T 19	19 17	20 56	5 2	12 14	2 10	23 8	4 4	24 24	1 12	2 56	1 0	17 54	1 57	15 28	0 27	T 19
F 20	19 31	17 15	5 15	12 42	2 7	22 46	3 50	24 21	1 12	2 53	1 0	17 56	1 57	15 27	0 27	F 20
S 21	19 44	12 55	5 15	13 11	2 4	22 23	3 35	24 19	1 12	2 49	1 0	17 58	1 57	15 27	0 27	S 21
S 22	19 57	8 5	5 2	13 41	2 0	22 0	3 21	24 16	1 12	2 46	1 1	17 59	1 57	15 26	0 27	S 22
M 23	20 10	2 55	4 35	14 11	1 55	21 37	3 6	24 13	1 13	2 43	1 1	18 1	1 57	15 25	0 27	M 23
T 24	20 22	2n27	3 55	14 42	1 50	21 14	2 51	24 10	1 13	2 40	1 1	18 2	1 57	15 25	0 27	T 24
W 25	20 34	7 50	3 4	15 13	1 45	20 50	2 35	24 7	1 13	2 37	1 1	18 4	1 57	15 24	0 27	W 25
T 26	20 46	13 2	2 2	15 43	1 39	20 27	2 20	24 3	1 13	2 33	1 1	18 5	1 57	15 23	0 27	T 26
F 27	20 57	17 46	0 53	16 14	1 33	20 5	2 4	23 59	1 13	2 30	1 2	18 7	1 57	15 23	0 27	F 27
S 28	21 8	21 44	0n20	16 44	1 26	19 42	1 49	23 54	1 13	2 27	1 2	18 9	1 57	15 22	0 27	S 28
S 29	21 19	24 35	1 34	17 14	1 20	19 21	1 33	23 50	1 13	2 25	1 2	18 10	1 57	15 21	0 27	S 29
M 30	21s29	26n 1	2n44	17s43	1n13	18s59	1s18	23s45	1s13	2n22	1n 2	18s12	1n57	15n21	0s27	M 30

Julian Day Number = 2704231.5, Delta T = 26m37s

Ecliptic obliquity = 23°21'02, Nutation = - 0°00'17

Ayanamsha: Fagan/Bradley = 34°25'07, Lahiri = 33°32'07

## ASTRODIENST EPHEMERIS for the year 2691

DECEMBER 2691

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 39 21	8°29'31	18°22'22	26°12'55	19°R51	15°29'29	26°17'34	0°21'13	13°R16	23°R55	24°R54	3°R16	2°11'51	6°12'23	19°23'18	T 1
W 2	4 43 18	9°30'01	2°13'21	28° 0	19°13'12	16°14	26°42	0°20	13°R14	23°Y54	24°R54	3°15	2°48	6°29	19°23	W 2
T 3	4 47 14	10°30'33	16°43	29°34	19°15	17° 0	26°49	0°27	13°12	23°53	24°54	3°15	2°45	6°36	19°28	T 3
F 4	4 51 11	11°31'07	0°17'57	1°27' 9	19° 0	17°45	26°56	0°35	13°10	23°52	24°54	3°14	2°41	6°43	19°34	F 4
S 5	4 55 7	12°31'42	15° 9	2°43	18°48	18°31	27° 3	0°42	13° 7	23°51	24°54	3°D14	2°38	6°49	19°39	S 5
S 6	4 59 4	13°32'20	29°18	4°18	18°38	19°17	27°10	0°49	13° 5	23°50	24°53	3°14	2°35	6°56	19°44	S 6
M 7	5 3 1	14°32'58	13°21	5°53	18°31	20° 3	27°17	0°56	13° 3	23°49	24°53	3°15	2°32	7° 3	19°49	M 7
T 8	5 6 57	15°33'39	27°16	7°28	18°26	20°48	27°24	1° 3	13° 1	23°48	24°53	3°16	2°29	7°10	19°55	T 8
W 9	5 10 54	16°34'21	11°11	9° 2	18°D24	21°34	27°30	1°10	13° 0	23°48	24°52	3°17	2°25	7°16	20° 0	W 9
T 10	5 14 50	17°35'04	24°37	10°37	18°24	22°20	27°37	1°17	12°58	23°47	24°52	3°18	2°22	7°23	20° 6	T 10
F 11	5 18 47	18°35'49	8°27	12°11	18°26	23° 6	27°43	1°24	12°56	23°46	24°52	3°R18	2°19	7°30	20°11	F 11
S 12	5 22 43	19°36'36	21° 9	13°46	18°31	23°52	27°49	1°31	12°54	23°45	24°51	3°17	2°16	7°36	20°17	S 12
S 13	5 26 40	20°37'23	4°3 3	15°20	18°39	24°38	27°55	1°38	12°52	23°44	24°51	3°16	2°13	7°43	20°22	S 13
M14	5 30 36	21°38'12	16°42	16°54	18°48	25°25	28° 0	1°45	12°50	23°44	24°50	3°13	2°10	7°50	20°28	M14
T 15	5 34 33	22°39'02	29° 6	18°29	19° 0	26°11	28° 6	1°52	12°49	23°43	24°50	3°10	2° 6	7°57	20°33	T 15
W16	5 38 30	23°39'52	11°18	20° 3	19°14	26°57	28°11	1°59	12°47	23°42	24°49	3° 7	2° 3	8° 3	20°39	W16
T 17	5 42 26	24°40'44	23°20	21°37	19°30	27°43	28°17	2° 6	12°45	23°42	24°49	3° 3	2° 0	8°10	20°44	T 17
F 18	5 46 23	25°41'36	5°15	23°11	19°48	28°30	28°22	2°13	12°44	23°41	24°48	3° 1	1°57	8°17	20°50	F 18
S 19	5 50 19	26°42'29	17° 7	24°45	20° 8	29°16	28°27	2°19	12°42	23°41	24°48	2°59	1°54	8°24	20°56	S 19
S 20	5 54 16	27°43'22	29° 0	26°19	20°30	0°22	28°31	2°26	12°40	23°40	24°47	2°D59	1°51	8°30	21° 2	S 20
M21	5 58 12	28°44'17	11°10	27°54	20°53	0°49	28°36	2°33	12°39	23°40	24°46	3° 0	1°47	8°37	21° 7	M21
T 22	6 2 9	29°45'12	23°11	29°28	21°19	1°35	28°40	2°40	12°38	23°39	24°46	3° 1	1°44	8°44	21°13	T 22
W23	6 6 5	0°34'07	5°39	1°3 2	21°46	2°22	28°44	2°46	12°36	23°39	24°45	3° 3	1°41	8°50	21°19	W23
T 24	6 10 2	1°47'03	18°26	2°36	22°15	3° 8	28°49	2°53	12°35	23°38	24°44	3° 4	1°38	8°57	21°25	T 24
F 25	6 13 59	2°48'00	1°11	4°11	22°46	3°55	28°52	2°59	12°33	23°38	24°43	3°R 5	1°35	9° 4	21°30	F 25
S 26	6 17 55	3°48'58	15° 9	5°45	23°18	4°42	28°56	3° 6	12°32	23°38	24°43	3° 5	1°31	9°11	21°36	S 26
S 27	6 21 52	4°49'56	29° 6	7°20	23°51	5°28	29° 0	3°13	12°31	23°37	24°42	3° 2	1°28	9°17	21°42	S 27
M28	6 25 48	5°50'56	13°22	8°55	24°27	6°15	29° 3	3°19	12°30	23°37	24°41	2°59	1°25	9°24	21°48	M28
T 29	6 29 45	6°51'55	27°52	10°30	25° 3	7° 2	29° 6	3°25	12°29	23°37	24°40	2°54	1°22	9°31	21°54	T 29
W30	6 33 41	7°52'56	12°30	12° 5	25°41	7°48	29° 9	3°32	12°27	23°37	24°39	2°48	1°19	9°38	22° 0	W30
T 31	6 37 38	8°53'57	27°19	13°40	26°12	8°35	29°12	3°38	12°26	23°Y36	24°38	2°11	1°16	9°44	22° 6	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	21s38	25n48	3n45	18s12	1n 7	18s39	1s 3	23s40	1s13	2n19	1n 3	18s13	1n57	15n20	0s27	T 1
W 2	21 48	23 57	4 32	18 40	1 0	18 19	0 48	23 35	1 13	2 16	1 3	18 15	1 57	15 20	0 27	W 2
T 3	21 56	20 35	5 4	19 8	0 53	18 1	0 34	23 29	1 13	2 13	1 3	18 16	1 57	15 19	0 27	T 3
F 4	22 5 16	1 56	15 16	19 34	0 46	17 43	0 19	23 23	1 13	2 11	1 3	18 17	1 57	15 18	0 27	F 4
S 5	22 13 10	35 5	10 20	0	0 39	17 26	0 6	23 17	1 13	2 8	1 3	18 19	1 57	15 18	0 27	S 5
S 6	22 20 4 38	4 45	20 25	0 32	17 11	0n 8	23 11	1 13	2 6	1 4	18 20	1 57	15 17	0 27	7 44	S 6
M 7	22 28 1s31	4 2	20 48	0 24	16 56	0 21	23 4	1 13	2 3	1 4	18 22	1 57	15 17	0 27	7 44	M 7
T 8	22 34 7 34	3 6	21 11	0 17	16 42	0 34	22 57	1 13	2 1	1 4	18 23	1 57	15 16	0 27	7 44	T 8
W 9	22 41 13 11	2 0	21 33	0 10	16 30	0 46	22 50	1 13	1 58	1 4	18 25	1 57	15 15	0 27	7 43	W 9
T 10	22 46 18 5	0	21 54	0 3	16 18	0 58	22 43	1 13	1 56	1 5	18 26	1 57	15 15	0 27	7 43	T 10
F 11	22 52 21 59	0s26	22 14	0s 4	16 8	1 10	22 35	1 13	1 54	1 5	18 27	1 57	15 14	0 27	7 43	F 11
S 12	22 57 24 40	1 37	22 32	0 10	15 59	1 21	22 27	1 13	1 52	1 5	18 29	1 57	15 14	0 27	7 43	S 12
S 13	23 1 25 59	2 42	22 50	0 17	15 51	1 31	22 19	1 13	1 50	1 5	18 30	1 57	15 13	0 27	7 42	S 13
M14	23 5 25 54	3 37	23 6	0 24	15 43	1 42	22 11	1 13	1 48	1 6	18 32	1 57	15 13	0 26	7 42	M14
T 15	23 9 24 31	4 21	23 21	0 30	15 37	1 51	22 2	1 13	1 46	1 6	18 33	1 57	15 12	0 26	7 42	T 15
W16	23 12 22 0	4 52	23 35	0 37	15 32	2 1	21 53	1 13	1 44	1 6	18 34	1 57	15 12	0 26	7 42	W16
T 17	23 15 18 34	5 10	23 48	0 43	15 28	2 9	21 44	1 13	1 42	1 6	18 35	1 57	15 11	0 26	7 42	T 17
F 18	23 17 14 25	5 14	24 0	0 49	15 24	2 18	21 34	1 13	1 40	1 7	18 37	1 57	15 11	0 26	7 41	F 18
S 19	23 19 9 45	5 5	24 10	0 55	15 22	2 26	21 25	1 13	1 38	1 7	18 38	1 57	15 10	0 26	7 41	S 19
S 20	23 20 4 43	4 43	24 19	1 1	15 20	2 34	21 15	1 13	1 37	1 7	18 39	1 57	15 10	0 26	7 41	S 20
M21	23 21 0n32	4 8	24 27	1 7	15 19	2 41	21 5	1 13	1 35	1 7	18 41	1 57	15 10	0 26	7 41	M21
T 22	23 21 5 51	3 21	24 34	1 13	15 19	2 48	20 55	1 12	1 34	1 8	18 42	1 57	15 9	0 26	7 41	T 22
W23	23 21 11 5	2 25	24 39	1 18	15 20	2 54	20 44	1 12	1 32	1 8	18 43	1 57	15 9	0 26	7 41	W23
T 24	23 20 15 59	1 19	24 43	1 23	15 22	3 0	20 33	1 12	1 31	1 8	18 44	1 57	15 8	0 26	7 41	T 24
F 25	23 19 20 16	0 8	24 45	1 28	15 24	3 6	20 22	1 12	1 30	1 8	18 46	1 57	15 8	0 26	7 41	F 25
S 26	23 18 23 37	1n 6	24 46	1 33	15 27	3 11	20 11	1 12	1 28	1 9	18 47	1 57	15 8	0 26	7 40	S 26
S 27	23 16 25 38	2 17	24 46	1 37	15 30	3 16	20 0	1 12	1 27	1 9	18 48	1 57	15 7	0 26	7 40	S 27
M28	23 13 26 2	3 22	24 45	1 42	15 34	3 21	19 48	1 12	1 26	1 9	18 49	1 58	15 7	0 26	7 40	M28
T 29	23 10 24 40	4 15	24 42	1 46	15 38	3 25	19 36	1 11	1 25	1 9	18 50	1 58	15 7	0 26	7 40	T 29
W30	23 7 21 39	4 52	24 37	1 50	15 43	3 29	19 24	1 11	1 24	1 10	18 51	1 58	15 6	0 26	7 40	W30
T 31	23s 3	17n15	5n 9	24s32	1s53	15s49	3n33	19s12	1s11	1n23	1n10	18s52	1n58	15n 6	0s26	T 31

Julian Day Number = 2704261.5, Delta T = 26m38s

Ecliptic obliquity = 23°21'02, Nutation = - 0°00'16

Ayanamsha: Fagan/Bradley = 34°25'12, Lahiri = 33°32'12

# ASTRODIENST EPHEMERIS for the year 2692

JANUARY 2692

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	6 41 35	9♂54'59	11♂43	15♂16	27♂0	9♂22	29♂15	3♂45	12♂R25	23♂R36	24♂R37	2♂R39	1♂12	9♂51	22♂12	F 1
S 2	6 45 31	10°56'02	26° 5	16°51	27°42	10° 9	29°17	3°51	12♂24	23♂V36	24♂Ω37	2♂II36	1° 9	9°58	22°18	S 2
S 3	6 49 28	11°57'05	10♂13	18°27	28°24	10°56	29°19	3°57	12°23	23°36	24°36	2°D35	1° 6	10° 4	22°24	S 3
M 4	6 53 24	12°58'10	24° 7	20° 3	29° 8	11°43	29°21	4° 3	12°23	23°D36	24°35	2°35	1° 3	10°11	22°30	M 4
T 5	6 57 21	13°59'15	7♂44	21°39	29°53	12°30	29°23	4° 9	12°22	23°36	24°34	2°37	1° 0	10°18	22°36	T 5
W 6	7 1 17	15° 0'21	21° 8	23°15	0♂38	13°17	29°25	4°15	12°21	23°36	24°33	2°38	0°57	10°25	22°42	W 6
T 7	7 5 14	16° 1'27	4♂18	24°52	1°25	14° 4	29°27	4°21	12°20	23°36	24°32	2♂R39	0°53	10°31	22°48	T 7
F 8	7 9 10	17° 2'34	17°16	26°28	2°13	14°51	29°28	4°27	12°20	23°36	24°30	2°37	0°50	10°38	22°54	F 8
S 9	7 13 7	18° 3'42	0♂3	28° 5	3° 1	15°38	29°29	4°33	12°19	23°37	24°29	2°34	0°47	10°45	23° 0	S 9
S 10	7 17 4	19° 4'50	12°39	29°41	3°51	16°25	29°30	4°39	12°18	23°37	24°28	2°28	0°44	10°51	23° 6	S 10
M11	7 21 0	20° 5'58	25° 4	1♂18	4°41	17°12	29°31	4°45	12°18	23°37	24°27	2°20	0°41	10°58	23°12	M11
T 12	7 24 57	21° 7'06	7♂20	2°55	5°32	17°59	29°31	4°51	12°17	23°37	24°26	2°11	0°37	11° 5	23°18	T 12
W13	7 28 53	22° 8'14	19°27	4°31	6°24	18°47	29°32	4°56	12°17	23°37	24°25	2° 1	0°34	11°12	23°24	W13
T 14	7 32 50	23° 9'23	1♂26	6° 8	7°16	19°34	29°R32	5° 2	12°17	23°38	24°24	1°51	0°31	11°18	23°30	T 14
F 15	7 36 46	24°10'31	13°19	7°44	8° 9	20°21	29°32	5° 7	12°16	23°38	24°23	1°42	0°28	11°25	23°36	F 15
S 16	7 40 43	25°11'38	25° 9	9°19	9° 3	21° 8	29°31	5°13	12°16	23°39	24°21	1°35	0°25	11°32	23°42	S 16
S 17	7 44 39	26°12'46	7♂1	10°54	9°58	21°56	29°31	5°18	12°16	23°39	24°20	1°31	0°22	11°39	23°48	S 17
M18	7 48 36	27°13'53	18°57	12°28	10°53	22°43	29°30	5°24	12°16	23°39	24°19	1°29	0°18	11°45	23°54	M18
T 19	7 52 33	28°15'00	1♂4	14° 1	11°49	23°30	29°30	5°29	12°16	23°40	24°18	1°D28	0°15	11°52	24° 0	T 19
W20	7 56 29	29°16'07	13°27	15°33	12°45	24°17	29°29	5°34	12°15	23°41	24°17	1°29	0°12	11°59	24° 6	W20
T 21	8 0 26	0♂17'13	26°10	17° 3	13°42	25° 5	29°27	5°39	12°D15	23°41	24°15	1°R30	0° 9	12° 5	24°12	T 21
F 22	8 4 22	1°18'19	9♂18	18°31	14°39	25°52	29°26	5°44	12°16	23°42	24°14	1°30	0° 6	12°12	24°18	F 22
S 23	8 8 19	2°19'24	22°53	19°57	15°37	26°39	29°25	5°49	12°16	23°42	24°13	1°27	0° 3	12°19	24°24	S 23
S 24	8 12 15	3°20'29	6♂58	21°20	16°35	27°27	29°23	5°54	12°16	23°43	24°11	1°23	29♂59	12°26	24°30	S 24
M25	8 16 12	4°21'34	21°58	22°40	17°34	28°14	29°21	5°59	12°16	23°44	24°10	1°16	29°56	12°32	24°36	M25
T 26	8 20 9	5°22'38	6♂21	23°55	18°34	29° 2	29°19	6° 4	12°16	23°44	24° 9	1° 7	29°53	12°39	24°42	T 26
W27	8 24 5	6°23'41	21°25	25° 6	19°33	29°49	29°16	6° 9	12°17	23°45	24° 7	0°56	29°50	12°46	24°48	W27
T 28	8 28 2	7°24'45	6♂32	26°12	20°34	0♂36	29°14	6°14	12°17	23°46	24° 6	0°46	29°47	12°52	24°54	T 28
F 29	8 31 58	8°25'47	21°30	27°12	21°34	1°24	29°11	6°18	12°17	23°47	24° 5	0°37	29°43	12°59	25° 0	F 29
S 30	8 35 55	9°26'50	6♂13	28° 4	22°35	2°11	29° 8	6°23	12°18	23°48	24° 3	0°31	29°40	13° 6	25° 6	S 30
S 31	8 39 51	10♂27'52	20♂34	28♂49	23♂37	2♂59	29♂5	6♂27	12♂18	23♂V49	24♂Ω2	0♂II27	29♂37	13♂13	25♂11	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
F 1	22s59	11n52	5n 7	24s25	1s57	15s54	3n36	18s59	1s11	1n22	1n10	18s54	1n58	15n 6	0s26	F 1
S 2	22 54	5 55	4 45	24 16	1 59	16 1	3 39	18 46	1 11	1 22	1 10	18 55	1 58	15 5	0 26	S 2
S 3	22 49	0s15	4 6	24 6	2 2	16 7	3 42	18 33	1 11	1 21	1 11	18 56	1 58	15 5	0 26	S 3
M 4	22 43	6 19	3 14	23 55	2 4	16 14	3 45	18 20	1 10	1 20	1 11	18 57	1 58	15 5	0 26	M 4
T 5	22 37	11 58	2 11	23 42	2 6	16 21	3 47	18 7	1 10	1 20	1 11	18 58	1 58	15 5	0 26	T 5
W 6	22 31	16 59	1 2	23 28	2 8	16 28	3 49	17 53	1 10	1 20	1 12	18 59	1 58	15 4	0 26	W 6
T 7	22 24	21 4	0s 9	23 12	2 9	16 36	3 51	17 40	1 10	1 19	1 12	19 0	1 58	15 4	0 26	T 7
F 8	22 16	24 3	1 18	22 55	2 10	16 44	3 52	17 26	1 10	1 19	1 12	19 1	1 58	15 4	0 26	F 8
S 9	22 8	25 43	2 22	22 36	2 11	16 52	3 53	17 12	1 9	1 19	1 12	19 2	1 58	15 4	0 26	S 9
S 10	22 0	26 3	3 19	22 16	2 11	17 0	3 54	16 57	1 9	1 19	1 13	19 3	1 59	15 4	0 26	S 10
M11	21 51	25 2	4 4	21 55	2 10	17 8	3 55	16 43	1 9	1 19	1 13	19 4	1 59	15 4	0 26	M11
T 12	21 42	22 51	4 38	21 32	2 9	17 17	3 56	16 28	1 9	1 19	1 13	19 5	1 59	15 4	0 26	T 12
W13	21 32	19 39	4 59	21 8	2 8	17 25	3 56	16 13	1 8	1 19	1 13	19 6	1 59	15 3	0 26	W13
T 14	21 22	15 41	5 6	20 42	2 6	17 33	3 56	15 58	1 8	1 19	1 14	19 6	1 59	15 3	0 26	T 14
F 15	21 12	11 9	5 0	20 15	2 3	17 42	3 56	15 43	1 8	1 19	1 14	19 7	1 59	15 3	0 26	F 15
S 16	21 1	6 13	4 41	19 47	2 0	17 50	3 56	15 28	1 7	1 19	1 14	19 8	1 59	15 3	0 26	S 16
S 17	20 50	1 3	4 10	19 18	1 56	17 58	3 56	15 12	1 7	1 20	1 15	19 9	1 59	15 3	0 26	S 17
M18	20 38	4n12	3 27	18 47	1 52	18 7	3 55	14 57	1 7	1 20	1 15	19 10	1 59	15 3	0 26	M18
T 19	20 26	9 22	2 35	18 16	1 47	18 15	3 55	14 41	1 7	1 21	1 15	19 11	2 0	15 3	0 26	T 19
W20	20 14	14 18	1 35	17 43	1 41	18 23	3 54	14 25	1 6	1 22	1 15	19 11	2 0	15 3	0 25	W20
T 21	20 1	18 46	0 29	17 10	1 34	18 31	3 53	14 9	1 6	1 22	1 16	19 12	2 0	15 3	0 25	T 21
F 22	19 48	22 27	0n42	16 35	1 26	18 38	3 51	13 53	1 6	1 23	1 16	19 13	2 0	15 3	0 25	F 22
S 23	19 34	25 1	1 52	16 1	1 18	18 46	3 50	13 36	1 5	1 24	1 16	19 14	2 0	15 3	0 25	S 23
S 24	19 20	26 7	2 57	15 26	1 9	18 53	3 48	13 20	1 5	1 25	1 16	19 14	2 0	15 3	0 25	S 24
M25	19 6	25 29	3 53	14 50	0 59	19 1	3 47	13 3	1 5	1 26	1 17	19 15	2 0	15 4	0 25	M25
T 26	18 51	23 3	4 35	14 15	0 48	19 8	3 45	12 46	1 4	1 27	1 17	19 16	2 0	15 4	0 25	T 26
W27	18 36	19 1	4 58	13 40	0 36	19 14	3 43	12 30	1 4	1 28	1 17	19 16	2 1	15 4	0 25	W27
T 28	18 21	13 44	5 1	13 6	0 23	19 21	3 41	12 13	1 4	1 29	1 17	19 17	2 1	15 4	0 25	T 28
F 29	18 5	7 41	4 43	12 32	0 9	19 27	3 38	11 55	1 3	1 31	1 18	19 18	2 1	15 4	0 25	F 29
S 30	17 49	1 19	4 6	12 0	0n 6	19 33	3 36	11 38	1 3	1 32	1 18	19 18	2 1	15 4	0 25	S 30
S 31	17s33	5s 0	3n15	11s30	0n22	19s38	3n34	11s21	1s 2	1n34	1n18	19s19	2n 1	15n 4	0s25	S 31

Julian Day Number = 2704292.5, Delta T = 26m38s  
Ecliptic obliquity = 23°21'02, Nutation = - 0°00'14  
Ayanamsha: Fagan/Bradley = 34°25'16, Lahiri = 33°32'16



## ASTRODIENST EPHEMERIS for the year 2692

MARCH 2692

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 38 8	10°52'32	27°14'46	15°44'49	26°32'27	26°44'40	26°R20	7°57'59	12°58'57	24°V30	23°R20	27°D17	28°B 2	16°K34	27°35'54	T 1
W 2	10 42 4	11°53'02	11°57'3	16°22	27°35	27°27	26°12	8° 1	12°59	24°31	23°R19	27°R17	27°59	16°41	27°59	W 2
T 3	10 46 1	12°53'31	23°53'8	16°59	28°44	28°14	26° 5	8° 2	13° 1	24°33	23°18	27°B16	27°55	16°48	28° 4	T 3
F 4	10 49 58	13°53'59	6°33'33	17°41	29°53	29° 1	25°57	8° 4	13° 3	24°35	23°16	27°14	27°52	16°54	28° 8	F 4
S 5	10 53 54	14°54'26	18°54	18°26	1°22	29°48	25°50	8° 5	13° 5	24°37	23°15	27° 9	27°49	17° 1	28°13	S 5
S 6	10 57 51	15°54'51	1°33	19°15	2°11	0°V35	25°42	8° 6	13° 7	24°39	23°14	27° 2	27°46	17° 8	28°18	S 6
M 7	11 1 147	16°55'14	13° 5	20° 7	3°20	1°22	25°35	8° 7	13°10	24°41	23°12	26°51	27°43	17°14	28°22	M 7
T 8	11 5 44	17°55'36	25° 2	21° 3	4°30	2° 9	25°27	8° 8	13°12	24°42	23°11	26°39	27°40	17°21	28°27	T 8
W 9	11 9 40	18°55'57	6°K55	22° 1	5°39	2°56	25°19	8° 9	13°14	24°44	23°10	26°26	27°36	17°28	28°31	W 9
T 10	11 13 37	19°56'16	18°47	23° 3	6°49	3°43	25°11	8°10	13°16	24°46	23° 9	26°12	27°33	17°35	28°35	T 10
F 11	11 17 33	20°56'33	0°V38	24° 6	7°59	4°30	25° 4	8°10	13°19	24°48	23° 7	26° 0	27°30	17°41	28°40	F 11
S 12	11 21 30	21°56'48	12°31	25°12	9° 8	5°17	24°56	8°11	13°21	24°50	23° 6	25°50	27°27	17°48	28°44	S 12
S 13	11 25 27	22°57'02	24°26	26°20	10°18	6° 4	24°48	8°11	13°24	24°52	23° 5	25°43	27°24	17°55	28°48	S 13
M14	11 29 23	23°57'13	6°B27	27°31	11°28	6°51	24°40	8°12	13°26	24°54	23° 4	25°38	27°21	18° 1	28°52	M14
T 15	11 33 20	24°57'23	18°35	28°43	12°38	7°38	24°32	8°12	13°29	24°56	23° 3	25°36	27°17	18° 8	28°56	T 15
W16	11 37 16	25°57'31	0°II56	29°57	13°48	8°25	24°24	8°12	13°31	24°58	23° 1	25°D36	27°14	18°15	29° 0	W16
T 17	11 41 13	26°57'37	13°32	1°K13	14°58	9°12	24°17	8°R12	13°34	25° 0	23° 0	25°37	27°11	18°22	29° 4	T 17
F 18	11 45 9	27°57'41	26°28	2°30	16° 9	9°58	24° 9	8°12	13°36	25° 2	22°59	25°R37	27° 8	18°28	29° 8	F 18
S 19	11 49 6	28°57'42	9°B49	3°49	17°19	10°45	24° 1	8°12	13°39	25° 4	22°58	25°37	27° 5	18°35	29°12	S 19
S 20	11 53 2	29°57'42	23°37	5°10	18°30	11°32	23°53	8°12	13°42	25° 6	22°57	25°34	27° 1	18°42	29°16	S 20
M21	11 56 59	0°V57'39	7°B54	6°32	19°40	12°19	23°45	8°12	13°44	25° 9	22°56	25°30	26°58	18°48	29°20	M21
T 22	12 0 56	1°57'35	22°36	7°56	20°51	13° 5	23°38	8°11	13°47	25°11	22°55	25°23	26°55	18°55	29°23	T 22
W23	12 4 52	2°57'28	7°B39	9°21	22° 1	13°52	23°30	8°11	13°50	25°13	22°54	25°15	26°52	19° 2	29°27	W23
T 24	12 8 49	3°57'18	22°55	10°47	23°12	14°38	23°22	8°10	13°53	25°15	22°53	25° 7	26°49	19° 9	29°30	T 24
F 25	12 12 45	4°57'07	8°B12	12°15	24°23	15°25	23°15	8° 9	13°56	25°17	22°52	25° 0	26°46	19°15	29°34	F 25
S 26	12 16 42	5°56'54	23°20	13°44	25°34	16°11	23° 7	8° 8	13°58	25°19	22°51	24°54	26°42	19°22	29°37	S 26
S 27	12 20 38	6°56'40	8°B 8	15°15	26°45	16°58	23° 0	8° 7	14° 1	25°21	22°50	24°51	26°39	19°29	29°40	S 27
M28	12 24 35	7°56'23	22°32	16°47	27°56	17°44	22°52	8° 6	14° 4	25°24	22°49	24°D50	26°36	19°35	29°44	M28
T 29	12 28 31	8°56'05	6°K27	18°20	29° 7	18°31	22°45	8° 5	14° 7	25°26	22°48	24°50	26°33	19°42	29°47	T 29
W30	12 32 28	9°55'45	19°54	19°54	0°K18	19°17	22°38	8° 4	14°10	25°28	22°47	24°52	26°30	19°49	29°50	W30
T 31	12 36 25	10°V55'24	2°B55	21°K30	1°K29	20°V 3	22°13'31	8°K 2	14°B13	25°V30	22°B46	24°B53	26°B26	19°K56	29°B53	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	7s28	19s38	0s 3	14s51	1n15	19s 5	1n44	2s 4	0s49	2n45	1n24	19s29	2n 6	15n17	0s24	T 1
W 2	7 5	23 13	1 12	14 53	1 2	18 57	1 39	1 45	0 48	2 48	1 24	19 29	2 6	15 18	0 24	W 2
T 3	6 42	25 29	2 16	14 53	0 50	18 47	1 35	1 26	0 48	2 51	1 25	19 29	2 6	15 18	0 24	T 3
F 4	6 19	26 23	3 12	14 52	0 38	18 37	1 31	1 7	0 47	2 54	1 25	19 29	2 6	15 18	0 24	F 4
S 5	5 55	25 57	3 57	14 49	0 27	18 27	1 26	0 47	0 46	2 57	1 25	19 30	2 7	15 19	0 24	S 5
S 6	5 32	24 16	4 31	14 45	0 16	18 16	1 22	0 28	0 46	3 0	1 25	19 30	2 7	15 20	0 24	S 6
M 7	5 9	21 30	4 53	14 39	0 5	18 5	1 18	0 9	0 45	3 3	1 25	19 30	2 7	15 21	0 24	M 7
T 8	4 45	17 51	5 1	14 31	0s 6	17 53	1 14	0n10	0 45	3 6	1 25	19 30	2 7	15 22	0 24	T 8
W 9	4 22	13 31	4 56	14 22	0 16	17 40	1 9	0 29	0 44	3 9	1 25	19 29	2 7	15 22	0 24	W 9
T 10	3 58	8 42	4 39	14 11	0 26	17 27	1 5	0 48	0 44	3 13	1 25	19 29	2 7	15 23	0 24	T 10
F 11	3 35	3 33	4 9	13 59	0 35	17 14	1 1	1 7	0 43	3 16	1 25	19 29	2 8	15 24	0 24	F 11
S 12	3 11	1n44	3 28	13 46	0 44	17 0	0 56	1 27	0 43	3 19	1 25	19 29	2 8	15 24	0 24	S 12
S 13	2 47	6 59	2 38	13 31	0 53	16 45	0 52	1 46	0 42	3 22	1 26	19 29	2 8	15 25	0 24	S 13
M14	2 24	12 2	1 40	13 15	1 1	16 30	0 48	2 5	0 41	3 25	1 26	19 29	2 8	15 26	0 24	M14
T 15	2 0	16 42	0 37	12 57	1 9	16 15	0 44	2 24	0 41	3 28	1 26	19 29	2 8	15 27	0 24	T 15
W16	1 36	20 44	0n28	12 38	1 16	15 59	0 40	2 43	0 40	3 32	1 26	19 29	2 8	15 27	0 24	W16
T 17	1 12	23 54	1 34	12 18	1 23	15 43	0 36	3 1	0 40	3 35	1 26	19 29	2 9	15 28	0 24	T 17
F 18	0 48	25 56	2 37	11 57	1 30	15 26	0 31	3 20	0 39	3 38	1 26	19 28	2 9	15 29	0 24	F 18
S 19	0 25	26 33	3 34	11 34	1 36	15 9	0 27	3 39	0 38	3 41	1 26	19 28	2 9	15 30	0 24	S 19
S 20	0 1	25 34	4 20	11 10	1 42	14 52	0 23	3 58	0 38	3 44	1 26	19 28	2 9	15 31	0 24	S 20
M21	0n23	22 55	4 52	10 45	1 48	14 34	0 19	4 17	0 37	3 47	1 26	19 28	2 9	15 32	0 24	M21
T 22	0 47	18 44	5 6	10 18	1 53	14 15	0 15	4 35	0 37	3 50	1 26	19 28	2 9	15 32	0 24	T 22
W23	1 10	13 17	4 59	9 51	1 57	13 56	0 11	4 54	0 36	3 53	1 26	19 27	2 10	15 33	0 24	W23
T 24	1 34	6 57	4 31	9 22	2 2	13 37	0 8	5 12	0 35	3 56	1 26	19 27	2 10	15 34	0 24	T 24
F 25	1 58	0 11	3 44	8 52	2 5	13 17	0 4	5 31	0 35	3 59	1 26	19 27	2 10	15 35	0 24	F 25
S 26	2 21	6s32	2 41	8 21	2 9	12 57	0s 0	5 49	0 34	4 2	1 26	19 27	2 10	15 36	0 24	S 26
S 27	2 45	12 46	1 29	7 49	2 12	12 37	0 4	6 7	0 34	4 5	1 26	19 26	2 10	15 37	0 24	S 27
M28	3 8	18 8	0 12	7 16	2 14	12 16	0 8	6 26	0 33	4 8	1 26	19 26	2 10	15 38	0 24	M28
T 29	3 32	22 20	1s 2	6 42	2 16	11 55	0 11	6 44	0 32	4 11	1 26	19 26	2 11	15 38	0 24	T 29
W30	3 55	25 9	2 11	6 6	2 18	11 33	0 15	7 2	0 32	4 14	1 26	19 25	2 11	15 39	0 24	W30
T 31	4n18	26s30	3s11	5s30	2s19	11s12	0s18	7n20	0s31	4n16	1n26	19s25	2n11	15n40	0s24	T 31

Julian Day Number = 2704352.5, Delta T = 26m39s

Ecliptic obliquity = 23°21'03, Nutation = - 0°00'14

Ayanamsha: Fagan/Bradley = 34°25'24, Lahiri = 33°32'24

# ASTRODIENST EPHEMERIS for the year 2692

APRIL 2692

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 40 21	11°55'01	15°34	23°7	2°40	20°49	22°R24	8°R 1	14°16	25°V32	22°R45	24°R53	26°R23	20°H 2	29°356	F 1
S 2	12 44 18	12°54'36	27°55	24°45	3°51	21°36	22°M17	7°A59	14°19	25°35	22°R44	24°R52	26°20	20° 9	29°59	S 2
S 3	12 48 14	13°54'09	10°2	26°24	5° 3	22°22	22°10	7°58	14°22	25°37	22°44	24°49	26°17	20°16	0°2	S 3
M 4	12 52 11	14°53'41	22° 1	28° 5	6°14	23° 8	22° 3	7°56	14°25	25°39	22°43	24°44	26°14	20°22	0° 4	M 4
T 5	12 56 7	15°53'11	3°54	29°47	7°25	23°54	21°56	7°54	14°29	25°41	22°42	24°37	26°11	20°29	0° 7	T 5
W 6	13 0 4	16°52'39	15°44	1°30	8°37	24°40	21°50	7°52	14°32	25°44	22°41	24°30	26° 7	20°36	0°10	W 6
T 7	13 4 0	17°52'05	27°35	3°15	9°48	25°26	21°43	7°50	14°35	25°46	22°41	24°23	26° 4	20°42	0°12	T 7
F 8	13 7 57	18°51'29	9°29	5° 1	11° 0	26°12	21°37	7°48	14°38	25°48	22°40	24°16	26° 1	20°49	0°14	F 8
S 9	13 11 53	19°50'51	21°26	6°49	12°12	26°58	21°31	7°46	14°41	25°50	22°39	24°11	25°58	20°56	0°17	S 9
S 10	13 15 50	20°50'11	3°30	8°38	13°23	27°44	21°25	7°44	14°44	25°53	22°39	24° 8	25°55	21° 3	0°19	S 10
M11	13 19 47	21°49'29	15°41	10°28	14°35	28°30	21°19	7°41	14°48	25°55	22°38	24° 6	25°52	21° 9	0°21	M11
T 12	13 23 43	22°48'45	28° 1	12°19	15°47	29°16	21°13	7°39	14°51	25°57	22°37	24°D 5	25°48	21°16	0°23	T 12
W13	13 27 40	23°47'59	10°II33	14°12	16°58	0° 2	21° 7	7°36	14°54	25°59	22°37	24° 6	25°45	21°23	0°25	W13
T 14	13 31 36	24°47'11	23°19	16° 6	18°10	0°47	21° 2	7°34	14°57	26° 2	22°36	24° 8	25°42	21°29	0°27	T 14
F 15	13 35 33	25°46'20	6°21	18° 2	19°22	1°33	20°56	7°31	15° 1	26° 4	22°36	24° 9	25°39	21°36	0°29	F 15
S 16	13 39 29	26°45'28	19°42	19°59	20°34	2°19	20°51	7°28	15° 4	26° 6	22°35	24°11	25°36	21°43	0°31	S 16
S 17	13 43 26	27°44'33	3°R24	21°57	21°46	3° 4	20°46	7°25	15° 7	26° 9	22°35	24°R11	25°32	21°50	0°33	S 17
M18	13 47 22	28°43'35	17°28	23°57	22°58	3°50	20°41	7°22	15°11	26°11	22°34	24° 9	25°29	21°56	0°34	M18
T 19	13 51 19	29°42'35	1°M53	25°58	24°10	4°35	20°36	7°19	15°14	26°13	22°34	24° 7	25°26	22° 3	0°36	T 19
W20	13 55 16	0°41'33	16°36	28° 0	25°21	5°21	20°32	7°16	15°17	26°15	22°34	24° 4	25°23	22°10	0°37	W20
T 21	13 59 12	1°40'29	1°A31	0° 3	26°33	6° 6	20°27	7°13	15°21	26°18	22°33	24° 1	25°20	22°16	0°39	T 21
F 22	14 3 9	2°39'22	16°30	2° 8	27°45	6°52	20°23	7°10	15°24	26°20	22°33	23°59	25°17	22°23	0°40	F 22
S 23	14 7 5	3°38'14	1°M24	4°13	28°57	7°37	20°19	7° 7	15°27	26°22	22°33	23°57	25°13	22°30	0°41	S 23
S 24	14 11 2	4°37'03	16° 7	6°19	0°V10	8°22	20°15	7° 3	15°31	26°24	22°32	23°55	25°10	22°37	0°43	S 24
M25	14 14 58	5°35'51	0°A29	8°25	1°22	9° 7	20°11	7° 0	15°34	26°27	22°32	23°D55	25° 7	22°43	0°44	M25
T 26	14 18 55	6°34'37	14°28	10°32	2°34	9°52	20° 7	6°56	15°38	26°29	22°32	23°56	25° 4	22°50	0°45	T 26
W27	14 22 51	7°33'21	28° 2	12°38	3°46	10°38	20° 4	6°53	15°41	26°31	22°32	23°57	25° 1	22°57	0°46	W27
T 28	14 26 48	8°32'04	11°310	14°45	4°58	11°23	20° 1	6°49	15°44	26°33	22°31	23°59	24°58	23° 3	0°46	T 28
F 29	14 30 45	9°30'45	23°55	16°51	6°10	12° 8	19°58	6°45	15°48	26°36	22°31	24° 0	24°54	23°10	0°47	F 29
S 30	14 34 41	10°29'24	6°A20	18°57	7°V23	12°53	19°M55	6°A42	15°51	26°V38	22°R31	24°R 0	24°51	23°H17	0°A48	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
F 1	4n42	26s25	4s 0	4s52	2s20	10s49	0s22	7n38	0s30	4n19	1n26	19s24	2n11	15n41	0s24	F 1
S 2	5 5	25 1	4 36	4 14	2 21	10 27	0 25	7 56	0 30	4 22	1 26	19 24	2 11	15 42	0 24	S 2
S 3	5 28	22 28	4 59	3 34	2 20	10 4	0 29	8 13	0 29	4 24	1 25	19 24	2 11	15 43	0 24	S 3
M 4	5 51	18 59	5 9	2 54	2 20	9 41	0 32	8 31	0 29	4 27	1 25	19 23	2 11	15 44	0 24	M 4
T 5	6 14	14 47	5 5	2 12	2 19	9 18	0 35	8 49	0 28	4 30	1 25	19 23	2 12	15 45	0 24	T 5
W 6	6 36	10 2	2 49	1 30	2 17	8 54	0 38	9 6	0 27	4 32	1 25	19 22	2 12	15 46	0 24	W 6
T 7	6 59	4 56	4 20	0 47	2 15	8 30	0 41	9 23	0 27	4 35	1 25	19 22	2 12	15 47	0 24	T 7
F 8	7 22	0n23	3 39	0 3	2 13	8 6	0 44	9 41	0 26	4 37	1 25	19 21	2 12	15 48	0 24	F 8
S 9	7 44	5 43	2 49	0n42	2 10	7 42	0 47	9 58	0 25	4 39	1 25	19 21	2 12	15 49	0 24	S 9
S 10	8 6	10 55	1 50	1 28	2 6	7 17	0 50	10 15	0 25	4 42	1 25	19 20	2 12	15 50	0 23	S 10
M11	8 28	15 45	0 46	2 15	2 2	6 52	0 53	10 32	0 24	4 44	1 25	19 20	2 12	15 51	0 23	M11
T 12	8 50	20 0	0n22	3 2	1 58	6 27	0 56	10 48	0 23	4 46	1 25	19 19	2 13	15 51	0 23	T 12
W13	9 12	23 25	1 29	3 51	1 53	6 2	0 59	11 5	0 23	4 48	1 25	19 19	2 13	15 52	0 23	W13
T 14	9 34	25 44	2 33	4 40	1 47	5 36	1 1	11 22	0 22	4 50	1 24	19 18	2 13	15 53	0 23	T 14
F 15	9 55	26 43	3 31	5 29	1 41	5 10	1 4	11 38	0 22	4 52	1 24	19 18	2 13	15 54	0 23	F 15
S 16	10 17	26 11	4 19	6 19	1 35	4 45	1 6	11 54	0 21	4 54	1 24	19 17	2 13	15 55	0 23	S 16
S 17	10 38	24 5	4 54	7 10	1 28	4 18	1 9	12 10	0 20	4 56	1 24	19 17	2 13	15 56	0 23	S 17
M18	10 59	20 29	5 12	8 1	1 21	3 52	1 11	12 26	0 20	4 58	1 24	19 16	2 13	15 57	0 23	M18
T 19	11 20	15 36	5 11	8 52	1 13	3 26	1 13	12 42	0 19	5 0	1 24	19 16	2 13	15 58	0 23	T 19
W20	11 40	9 44	4 50	9 43	1 4	3 0	1 15	12 58	0 18	5 1	1 24	19 15	2 13	15 59	0 23	W20
T 21	12 1	3 13	4 10	10 35	0 56	2 33	1 18	13 14	0 18	5 3	1 24	19 14	2 14	16 0	0 23	T 21
F 22	12 21	3s31	3 12	11 27	0 46	2 6	1 20	13 29	0 17	5 5	1 23	19 14	2 14	16 1	0 23	F 22
S 23	12 41	10 2	2 1	12 18	0 37	1 40	1 21	13 45	0 16	5 6	1 23	19 13	2 14	16 2	0 23	S 23
S 24	13 1	15 55	0 43	13 9	0 27	1 13	1 23	14 0	0 16	5 7	1 23	19 12	2 14	16 3	0 23	S 24
M25	13 20	20 46	0s36	14 0	0 17	0 46	1 25	14 15	0 15	5 9	1 23	19 12	2 14	16 4	0 23	M25
T 26	13 40	24 17	1 51	14 50	0 6	0 19	1 27	14 30	0 14	5 10	1 23	19 11	2 14	16 5	0 23	T 26
W27	13 59	26 18	2 57	15 39	0n 5	0n 8	1 28	14 44	0 14	5 11	1 23	19 10	2 14	16 6	0 23	W27
T 28	14 18	26 44	3 52	16 27	0 15	0 35	1 30	14 59	0 13	5 12	1 22	19 10	2 14	16 7	0 23	T 28
F 29	14 36	25 44	4 34	17 14	0 26	1 2	1 31	15 13	0 12	5 13	1 22	19 9	2 14	16 8	0 23	F 29
S 30	14n55	23s29	5s 1	17n59	0n37	1n30	1s33	15n28	0s12	5n14	1n22	19s 8	2n14	16n 9	0s23	S 30

Julian Day Number = 2704383.5, Delta T = 26m39s  
 Ecliptic obliquity = 23°21'03, Nutation = - 0°00'14  
 Ayanamsha: Fagan/Bradley = 34°25'28, Lahiri = 33°32'28

## ASTRODIENST EPHEMERIS for the year 2692

MAY 2692

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day	
S 1	14 38 38	11°28'01	18°30	21°18	1	8°35	13°38	19°R52	6°R38	15°55	26°40	22°R31	24°R 0	24°48	23°23	0°48	S 1
M 2	14 42 34	12°26'37	0°30	23° 4		9°47	14°22	19°49	6°34	15°58	26°42	22°31	24° 0	24°45	23°30	0°49	M 2
T 3	14 46 31	13°25'11	12°22	25° 5		10°59	15° 7	19°47	6°30	16° 2	26°44	22°31	23°58	24°42	23°37	0°49	T 3
W 4	14 50 27	14°23'43	24°13	27° 5		12°12	15°52	19°45	6°26	16° 5	26°47	22°D31	23°57	24°38	23°44	0°50	W 4
T 5	14 54 24	15°22'14	6°5	29° 1		13°24	16°37	19°43	6°22	16° 9	26°49	22°31	23°56	24°35	23°50	0°50	T 5
F 6	14 58 20	16°20'43	18° 3	0°56		14°36	17°21	19°41	6°18	16°12	26°51	22°31	23°55	24°32	23°57	0°50	F 6
S 7	15 2 17	17°19'11	0°8	7		2°47	15°49	18° 6	19°39	6°14	16°15	22°31	23°54	24°29	24° 4	0°R50	S 7
S 8	15 6 14	18°17'36	12°21	4°35		17° 1	18°51	19°38	6°10	16°19	26°55	22°31	23°53	24°26	24°10	0°50	S 8
M 9	15 10 10	19°16'00	24°47	6°20		18°13	19°35	19°36	6° 6	16°22	26°57	22°31	23°D53	24°23	24°17	0°50	M 9
T 10	15 14 7	20°14'22	7°25	8° 1		19°26	20°20	19°35	6° 1	16°26	27° 0	22°31	23°53	24°19	24°24	0°50	T 10
W 11	15 18 3	21°12'43	20°16	9°39		20°38	21° 4	19°34	5°57	16°29	27° 2	22°32	23°54	24°16	24°31	0°49	W 11
T 12	15 22 0	22°11'01	3°20	11°13		21°51	21°48	19°33	5°53	16°33	27° 4	22°32	23°54	24°13	24°37	0°49	T 12
F 13	15 25 56	23° 9'18	16°39	12°43		23° 3	22°33	19°33	5°48	16°36	27° 6	22°32	23°54	24°10	24°44	0°49	F 13
S 14	15 29 53	24° 7'32	0°12	14° 8		24°16	23°17	19°33	5°44	16°40	27° 8	22°32	23°R54	24° 7	24°51	0°48	S 14
S 15	15 33 50	25° 5'45	13°59	15°30		25°28	24° 1	19°32	5°40	16°43	27°10	22°33	23°54	24° 4	24°57	0°48	S 15
M 16	15 37 46	26° 3'56	28° 0	16°47		26°41	24°45	19°D32	5°35	16°46	27°12	22°33	23°D54	24° 0	25° 4	0°47	M 16
T 17	15 41 43	27° 2'04	12°13	18° 0		27°53	25°30	19°33	5°31	16°50	27°14	22°33	23°54	23°57	25°11	0°46	T 17
W 18	15 45 39	28° 0'11	26°36	19° 9		29° 6	26°14	19°33	5°26	16°53	27°16	22°34	23°54	23°54	25°17	0°45	W 18
T 19	15 49 36	28°58'15	11°6	20°13		0°18	26°58	19°33	5°22	16°57	27°18	22°34	23°55	23°51	25°24	0°45	T 19
F 20	15 53 32	29°56'18	25°39	21°13		1°31	27°42	19°34	5°18	17° 0	27°20	22°34	23°55	23°48	25°31	0°44	F 20
S 21	15 57 29	0°54'19	10°8	22° 8		2°43	28°25	19°35	5°13	17° 3	27°22	22°35	23°56	23°44	25°38	0°43	S 21
S 22	16 1 25	1°52'18	24°29	22°59		3°56	29° 9	19°36	5° 9	17° 7	27°24	22°35	23°R56	23°41	25°44	0°41	S 22
M 23	16 5 22	2°50'16	8°37	23°45		5° 8	29°53	19°37	5° 4	17°10	27°26	22°36	23°56	23°38	25°51	0°40	M 23
T 24	16 9 19	3°48'12	22°27	24°26		6°21	0°37	19°39	5° 0	17°13	27°28	22°36	23°55	23°35	25°58	0°39	T 24
W 25	16 13 15	4°46'07	5°56	25° 2		7°34	1°20	19°40	4°55	17°17	27°30	22°37	23°54	23°32	26° 4	0°38	W 25
T 26	16 17 12	5°44'01	19° 5	25°33		8°46	2° 4	19°42	4°51	17°20	27°32	22°38	23°52	23°29	26°11	0°36	T 26
F 27	16 21 8	6°41'53	1°52	26° 0		9°59	2°48	19°44	4°46	17°23	27°34	22°38	23°51	23°25	26°18	0°35	F 27
S 28	16 25 5	7°39'44	14°20	26°22		11°11	3°31	19°46	4°42	17°27	27°36	22°39	23°49	23°22	26°24	0°33	S 28
S 29	16 29 1	8°37'34	26°33	26°38		12°24	4°15	19°49	4°37	17°30	27°37	22°39	23°48	23°19	26°31	0°31	S 29
M 30	16 32 58	9°35'22	8°34	26°50		13°37	4°58	19°51	4°33	17°33	27°39	22°40	23°D48	23°16	26°38	0°30	M 30
T 31	16 36 54	10°33'10	20°28	26°57		14°49	5°14	19°54	4°28	17°36	27°41	22°41	23°48	23°13	26°45	0°28	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	15n13	20s13	5s15	18n43	0n48	1n57	1s34	15n42	0s11	5n15	1n22	19s 8	2n14	16n10	0s23	8n50	1s31
M 2	15 31	16 9	5 14	19 25	0 58	2 24	1 35	15 56	0 10	5 16	1 22	19 7	2 14	16 11	0 23	8 51	1 31
T 3	15 49	11 31	5 0	20 5	1 9	2 51	1 36	16 9	0 10	5 17	1 22	19 6	2 14	16 12	0 23	8 51	1 31
W 4	16 6	6 28	4 33	20 43	1 19	3 18	1 38	16 23	0 9	5 18	1 21	19 6	2 15	16 13	0 23	8 52	1 31
T 5	16 23	1 11	3 55	21 18	1 28	3 45	1 38	16 36	0 8	5 18	1 21	19 5	2 15	16 14	0 23	8 53	1 31
F 6	16 40	4n11	3 6	21 52	1 38	4 12	1 39	16 50	0 8	5 19	1 21	19 4	2 15	16 15	0 23	8 54	1 31
S 7	16 56	9 28	2 8	22 22	1 46	4 39	1 40	17 3	0 7	5 19	1 21	19 3	2 15	16 16	0 23	8 54	1 31
S 8	17 13	14 29	1 4	22 51	1 54	5 6	1 41	17 16	0 6	5 20	1 21	19 3	2 15	16 17	0 23	8 55	1 31
M 9	17 29	18 58	0n 5	23 17	2 1	5 33	1 42	17 28	0 6	5 20	1 21	19 2	2 15	16 18	0 23	8 56	1 31
T 10	17 44	22 41	1 14	23 40	2 8	6 0	1 42	17 41	0 5	5 20	1 20	19 1	2 15	16 19	0 23	8 57	1 31
W 11	18 0	25 20	2 21	24 1	2 14	6 27	1 43	17 53	0 4	5 21	1 20	19 0	2 15	16 20	0 23	8 57	1 31
T 12	18 15	26 40	3 22	24 20	2 19	6 53	1 43	18 5	0 4	5 21	1 20	19 0	2 15	16 21	0 23	8 58	1 31
F 13	18 30	26 30	4 13	24 36	2 23	7 20	1 43	18 17	0 3	5 21	1 20	18 59	2 15	16 22	0 23	8 59	1 31
S 14	18 44	24 46	4 50	24 50	2 26	7 46	1 44	18 29	0 2	5 21	1 20	18 58	2 15	16 23	0 23	9 0	1 31
S 15	18 58	21 33	5 12	25 2	2 29	8 12	1 44	18 41	0 2	5 21	1 19	18 57	2 15	16 24	0 23	9 0	1 31
M 16	19 12	17 4	5 16	25 11	2 30	8 38	1 44	18 52	0 1	5 20	1 19	18 57	2 15	16 25	0 23	9 1	1 31
T 17	19 25	11 35	5 1	25 19	2 31	9 4	1 44	19 3	0 1	5 20	1 19	18 56	2 15	16 26	0 23	9 2	1 31
W 18	19 39	5 26	4 27	25 24	2 30	9 30	1 44	19 14	0n 0	5 20	1 19	18 55	2 15	16 27	0 23	9 2	1 31
T 19	19 51	1s 4	3 36	25 28	2 29	9 55	1 44	19 25	0 1	5 20	1 19	18 54	2 15	16 28	0 23	9 3	1 31
F 20	20 4	7 32	2 30	25 30	2 26	10 20	1 43	19 36	0 1	5 19	1 18	18 54	2 15	16 29	0 23	9 4	1 31
S 21	20 16	13 36	1 16	25 30	2 23	10 45	1 43	19 46	0 2	5 19	1 18	18 53	2 15	16 30	0 23	9 4	1 32
S 22	20 28	18 52	0s 3	25 28	2 18	11 10	1 43	19 56	0 3	5 18	1 18	18 52	2 15	16 31	0 23	9 5	1 32
M 23	20 39	22 59	1 20	25 25	2 13	11 35	1 42	20 6	0 3	5 17	1 18	18 51	2 15	16 32	0 23	9 6	1 32
T 24	20 50	25 39	2 31	25 20	2 6	11 59	1 42	20 16	0 4	5 16	1 18	18 51	2 15	16 33	0 23	9 6	1 32
W 25	21 1	26 45	3 32	25 14	1 28	12 23	1 41	20 26	0 5	5 16	1 17	18 50	2 15	16 34	0 23	9 7	1 32
T 26	21 11	26 17	4 20	25 7	1 50	12 47	1 41	20 35	0 5	5 15	1 17	18 49	2 14	16 35	0 23	9 8	1 32
F 27	21 21	24 26	4 53	24 58	1 40	13 10	1 40	20 44	0 6	5 14	1 17	18 48	2 14	16 35	0 23	9 8	1 32
S 28	21 30	21 26	5 12	24 48	1 30	13 34	1 39	20 53	0 7	5 13	1 17	18 48	2 14	16 36	0 23	9 9	1 32
S 29	21 40	17 34	5 16	24 37	1 18	13 56	1 38	21 2	0 7	5 12	1 17	18 47	2 14	16 37	0 23	9 10	1 32
M 30	21 48	13 3	5 6	24 24	1 5	14 19	1 37	21 11	0 8	5 11	1 16	18 46	2 14	16 38	0 23	9 10	1 32
T 31	21n57	8s 6	4s43	24n11	0n52	14n41	1s36	21n19	0n 9	5n 9	1n16	18s45	2n14	16n39	0s23	9n11	1s32

Julian Day Number = 2704413.5, Delta T = 26m40s

Ecliptic obliquity = 23°21'03, Nutation = - 0°00'15

Ayanamsha: Fagan/Bradley = 34°25'33, Lahiri = 33°32'33

# ASTRODIENST EPHEMERIS for the year 2692

JUNE 2692

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	16 40 51	11 <sup>11</sup> 30'56	2 <sup>2</sup> 20	26°R59	16 <sup>8</sup> 2	6 <sup>11</sup> 25	19 <sup>11</sup> 57	4°R24	17 <sup>8</sup> 40	27 <sup>7</sup> 43	22 <sup>11</sup> 42	23 <sup>8</sup> 49	23 <sup>8</sup> 10	26 <sup>11</sup> 51	0°R26	W 1
T 2	16 44 48	12°28'42	14°13	26 <sup>11</sup> 56	17°15	7° 8	20° 0	4 <sup>11</sup> 19	17°43	27°44	22°42	23°50	23° 6	26°58	0°R24	T 2
F 3	16 48 44	13°26'26	26°14	26°49	18°28	7°51	20° 3	4°15	17°46	27°46	22°43	23°52	23° 3	27° 5	0°22	F 3
S 4	16 52 41	14°24'09	8 <sup>8</sup> 24	26°38	19°40	8°34	20° 6	4°10	17°49	27°48	22°44	23°53	23° 0	27°11	0°20	S 4
S 5	16 56 37	15°21'51	20°48	26°22	20°53	9°18	20°10	4° 6	17°52	27°50	22°45	23°R54	22°57	27°18	0°18	S 5
M 6	17 0 34	16°19'32	3 <sup>11</sup> 28	26° 3	22° 6	10° 1	20°13	4° 2	17°56	27°51	22°46	23°54	22°54	27°25	0°16	M 6
T 7	17 4 30	17°17'12	16°25	25°40	23°19	10°44	20°17	3°57	17°59	27°53	22°46	23°52	22°50	27°31	0°13	T 7
W 8	17 8 27	18°14'51	29°39	25°15	24°31	11°27	20°21	3°53	18° 2	27°55	22°47	23°50	22°47	27°38	0°11	W 8
T 9	17 12 23	19°12'29	13 <sup>11</sup> 29	24°46	25°44	12°10	20°26	3°49	18° 5	27°56	22°48	23°46	22°44	27°45	0° 9	T 9
F 10	17 16 20	20°10'05	26°52	24°16	26°57	12°52	20°30	3°44	18° 8	27°58	22°49	23°42	22°41	27°52	0° 6	F 10
S 11	17 20 17	21° 7'40	10 <sup>11</sup> 47	23°44	28°10	13°35	20°34	3°40	18°11	27°59	22°50	23°39	22°38	27°58	0° 4	S 11
S 12	17 24 13	22° 5'14	24°50	23°11	29°23	14°18	20°39	3°36	18°14	28° 1	22°51	23°36	22°35	28° 5	0° 1	S 12
M13	17 28 10	23° 2'46	8 <sup>11</sup> 59	22°37	0 <sup>11</sup> 35	15° 1	20°44	3°32	18°17	28° 2	22°52	23°34	22°31	28°12	29°R59	M13
T 14	17 32 6	24° 0'17	23°11	22° 4	1°48	15°43	20°49	3°28	18°20	28° 4	22°53	23°D33	22°28	28°18	29°56	T 14
W15	17 36 3	24°57'47	7 <sup>11</sup> 23	21°31	3° 1	16°26	20°54	3°24	18°23	28° 5	22°54	23°33	22°25	28°25	29°53	W15
T 16	17 39 59	25°55'15	21°34	20°59	4°14	17° 8	20°59	3°20	18°26	28° 7	22°55	23°35	22°22	28°32	29°50	T 16
F 17	17 43 56	26°52'42	5 <sup>11</sup> 42	20°30	5°27	17°51	21° 5	3°16	18°29	28° 8	22°57	23°36	22°19	28°38	29°47	F 17
S 18	17 47 52	27°50'08	19°44	20° 2	6°40	18°33	21°10	3°12	18°31	28° 9	22°58	23°R37	22°16	28°45	29°45	S 18
S 19	17 51 49	28°47'33	3 <sup>11</sup> 38	19°38	7°53	19°16	21°16	3° 8	18°34	28°11	22°59	23°37	22°12	28°52	29°42	S 19
M20	17 55 46	29°44'58	17°22	19°16	9° 6	19°58	21°22	3° 4	18°37	28°12	23° 0	23°35	22° 9	28°59	29°39	M20
T 21	17 59 42	0 <sup>11</sup> 42'21	0 <sup>11</sup> 53	18°58	10°19	20°40	21°28	3° 1	18°40	28°13	23° 1	23°31	22° 6	29° 5	29°36	T 21
W22	18 3 39	1°39'44	14° 9	18°44	11°31	21°22	21°34	2°57	18°43	28°14	23° 2	23°26	22° 3	29°12	29°32	W22
T 23	18 7 35	2°37'05	27° 8	18°34	12°44	22° 5	21°40	2°53	18°45	28°16	23° 4	23°19	22° 0	29°19	29°29	T 23
F 24	18 11 32	3°34'27	9 <sup>11</sup> 50	18°28	13°57	22°47	21°46	2°50	18°48	28°17	23° 5	23°12	21°56	29°25	29°26	F 24
S 25	18 15 28	4°31'47	22°16	18°D26	15°10	23°29	21°53	2°46	18°51	28°18	23° 6	23° 6	21°53	29°32	29°23	S 25
S 26	18 19 25	5°29'07	4 <sup>11</sup> 28	18°29	16°23	24°11	22° 0	2°43	18°53	28°19	23° 7	23° 1	21°50	29°39	29°20	S 26
M27	18 23 22	6°26'27	16°29	18°37	17°36	24°53	22° 7	2°40	18°56	28°20	23° 9	22°57	21°47	29°45	29°16	M27
T 28	18 27 18	7°23'46	28°23	18°49	18°49	25°35	22°13	2°36	18°58	28°21	23°10	22°55	21°44	29°52	29°13	T 28
W29	18 31 15	8°21'05	10°14	19° 5	20° 2	26°16	22°21	2°33	19° 1	28°22	23°11	22°D54	21°41	29°59	29°10	W29
T 30	18 35 11	9 <sup>11</sup> 18'24	22°10	19°11	21°16	26°11	22°28	2°30	19° 3	28°23	23°13	22°R55	21°37	0°10	29°R 6	T 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	22n 5	2s52	4s 7	23n57	0n38	15n 3	1s35	21n27	0n 9	5n 8	1n16	18s45	2n14	16n40	0s23	9n11	1s32	20n43	7n13	18n39	18n30	5s11	12s52	7n17					
T 2	22 12	2n29	3 22	23 42	0 23	15 25	1 34	21 35	0 10	5 7	1 16	18 44	2 14	16 41	0 23	9 12	1 32	20 42	7 13	18 40	18 29	5 8	12 52	7 17					
F 3	22 20	7 48	2 27	23 26	0 7	15 46	1 33	21 43	0 10	5 5	1 16	18 43	2 14	16 42	0 23	9 13	1 32	20 42	7 13	18 40	18 28	5 5	12 52	7 18					
S 4	22 27	12 55	1 24	23 9	0s10	16 7	1 32	21 50	0 11	5 4	1 15	18 43	2 14	16 43	0 23	9 13	1 32	20 42	7 13	18 40	18 27	5 1	12 52	7 18					
S 5	22 33	17 37	0 17	22 52	0 26	16 27	1 30	21 57	0 12	5 2	1 15	18 42	2 14	16 44	0 23	9 14	1 32	20 41	7 12	18 41	18 26	4 58	12 52	7 19					
M 6	22 39	21 38	0n52	22 34	0 44	16 47	1 29	22 4	0 12	5 1	1 15	18 41	2 14	16 44	0 23	9 14	1 32	20 41	7 12	18 41	18 26	4 55	12 52	7 19					
T 7	22 45	24 40	2 1	22 16	1 1	17 7	1 28	22 11	0 13	4 59	1 15	18 40	2 14	16 45	0 23	9 15	1 32	20 40	7 12	18 40	18 25	4 52	12 52	7 20					
W 8	22 50	26 25	3 4	21 57	1 19	17 26	1 26	22 18	0 14	4 57	1 15	18 40	2 13	16 46	0 23	9 15	1 32	20 40	7 12	18 40	18 24	4 49	12 52	7 20					
T 9	22 55	26 39	3 58	21 39	1 36	17 45	1 25	22 24	0 14	4 55	1 14	18 39	2 13	16 47	0 23	9 16	1 32	20 40	7 12	18 39	18 23	4 46	12 52	7 21					
F 10	22 59	25 16	4 40	21 20	1 54	18 3	1 23	22 30	0 15	4 53	1 14	18 38	2 13	16 48	0 23	9 16	1 32	20 39	7 12	18 38	18 22	4 43	12 52	7 21					
S 11	23 3	22 21	5 5	21 2	2 11	18 21	1 21	22 36	0 16	4 52	1 14	18 38	2 13	16 49	0 23	9 17	1 32	20 39	7 12	18 37	18 22	4 40	12 52	7 21					
S 12	23 7	18 6	5 13	20 43	2 27	18 39	1 20	22 42	0 16	4 50	1 14	18 37	2 13	16 49	0 23	9 17	1 32	20 38	7 12	18 36	18 21	4 37	12 52	7 22					
M13	23 10	12 50	5 2	20 26	2 43	18 56	1 18	22 47	0 17	4 47	1 14	18 36	2 13	16 50	0 23	9 18	1 32	20 38	7 12	18 36	18 20	4 33	12 52	7 22					
T 14	23 13	6 52	4 32	20 9	2 58	19 12	1 16	22 53	0 17	4 45	1 14	18 36	2 13	16 51	0 23	9 18	1 32	20 37	7 12	18 35	18 19	4 30	12 52	7 23					
W15	23 15	0 33	3 46	19 53	3 12	19 28	1 14	22 58	0 18	4 43	1 13	18 35	2 13	16 52	0 23	9 19	1 33	20 37	7 11	18 36	18 18	4 27	12 53	7 23					
T 16	23 17	5s48	2 46	19 38	3 25	19 44	1 12	23 2	0 19	4 41	1 13	18 35	2 12	16 53	0 23	9 19	1 33	20 36	7 11	18 36	18 18	4 24	12 53	7 23					
F 17	23 19	11 51	1 36	19 24	3 37	19 59	1 10	23 7	0 19	4 39	1 13	18 34	2 12	16 54	0 23	9 20	1 33	20 36	7 11	18 36	18 17	4 21	12 53	7 24					
S 18	23 20	17 16	0 21	19 12	3 47	20 13	1 9	23 11	0 20	4 36	1 13	18 33	2 12	16 54	0 23	9 20	1 33	20 36	7 11	18 36	18 16	4 18	12 53	7 24					
S 19	23 21	21 42	0s54	19 1	3 57	20 27	1 7	23 16	0 20	4 34	1 13	18 33	2 12	16 55	0 23	9 21	1 33	20 35	7 11	18 36	18 15	4 15	12 53	7 24					
M20	23 21	24 50	2 6	18 51	4 5	20 40	1 4	23 19	0 21	4 31	1 12	18 32	2 12	16 56	0 23	9 21	1 33	20 35	7 11	18 36	18 14	4 11	12 54	7 25					
T 21	23 21	26 30	3 9	18 43	4 11	20 53	1 2	23 23	0 22	4 29	1 12	18 32	2 12	16 57	0 23	9 21	1 33	20 34	7 11	18 35	18 14	4 8	12 54	7 25					
W22	23 20	26 35	4 0	18 37	4 17	21 5	1 0	23 27	0 22	4 26	1 12	18 31	2 11	16 57	0 23	9 22	1 33	20 34	7 11	18 34	18 13	4 5	12 54	7 25					
T 23	23 19	25 12	4 38	18 32	4 21	21 17	0 58	23 30	0 23	4 24	1 12	18 31	2 11	16 58	0 23	9 22	1 33	20 33	7 11	18 32	18 12	4 2	12 55	7 26					
F 24	23 18	22 33	5 1	18 29	4 23	21 28	0 56	23 33	0 24	4 21	1 12	18 30	2 11	16 59	0 23	9 23	1 33	20 33	7 11	18 30	18 11	3 59	12 55	7 26					
S 25	23 16	18 54	5 9	18 27	4 25	21 38	0 54	23 36	0 24	4 18	1 12	18 30	2 11	17 0	0 23	9 23	1 33	20 32	7 11	18 29	18 10	3 56	12 55	7 26					
S 26	23 14	14 32	5 3	18 27	4 25	21 48	0 51	23 38	0 25	4 16	1 11	18 29	2 11	17 0	0 23	9 23	1 33	20 32	7 11	18 27	18 9	3 53	12 56	7 27					
M27	23 12	9 40	4 44	18 29	4 24	21 58	0 49	23 40	0 25	4 13	1 11	18 29	2 11	17 1	0 23	9 24	1 33	20 31	7 10	18 26	18 9	3 49	12 56	7 27					
T 28	23 9	4 30	4 12	18 32	4 21	22 6	0 47	23 43	0 26	4 10	1 11	18 28	2 10	17 2	0 23	9 24	1 33	20 31	7 10	18 26	18 8	3 46	12 56	7 27					
W29	23 5	0n49	3 30	18 37	4 18	22 14	0 45	23 44	0 27	4 7	1 11	18 28	2 10	17 2	0 23	9 24	1 33	20 30	7 10	18 26	18 7	3 43	12 57	7 27					
T 30	23n 2	6n 8	2s39	18n43	4s14	22n22	0s42	23n46	0n27	4n 4	1n11	18s27	2n10	17n 3	0s23	9n25	1s33	20n30	7n10	18n26	18n 6	3s40	12s57	7n28					

# ASTRODIENST EPHEMERIS for the year 2692

JULY 2692

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18 39 8	10°51'42	4°8' 9	19°11'53	22°11'29	27°11'40	22°11'35	2°R27	19°8' 6	28°V24	23°Ω14	22°R56	21°R34	0°V12	29°R 3	F 1
S 2	18 43 4	11°13'00	16°23	20°23	23°42	28°22	22°43	2°R24	19°8' 8	28°25	23°16	22°57	21°31	0°19	28°R59	S 2
S 3	18 47 1	12°10'19	28°53	20°58	24°55	29° 3	22°50	2°21	19°11	28°26	23°17	22°R57	21°28	0°26	28°56	S 3
M 4	18 50 57	13° 7'36	11°11'44	21°38	26° 8	29°45	22°58	2°18	19°13	28°27	23°18	22°56	21°25	0°32	28°52	M 4
T 5	18 54 54	14° 4'54	24°56	22°21	27°21	0°R27	23° 6	2°15	19°15	28°28	23°20	22°52	21°22	0°39	28°49	T 5
W 6	18 58 51	15° 2'12	8°R30	23° 9	28°34	1° 8	23°14	2°12	19°18	28°29	23°21	22°46	21°18	0°46	28°45	W 6
T 7	19 2 47	15°59'29	22°25	24° 1	29°48	1°50	23°22	2°10	19°20	28°30	23°23	22°38	21°15	0°52	28°42	T 7
F 8	19 6 44	16°56'46	6°R35	24°58	1°R 1	2°31	23°30	2° 7	19°22	28°31	23°24	22°30	21°12	0°59	28°38	F 8
S 9	19 10 40	17°54'02	20°57	25°58	2°14	3°12	23°38	2° 5	19°24	28°31	23°26	22°21	21° 9	1° 6	28°34	S 9
S 10	19 14 37	18°51'18	5°R24	27° 3	3°27	3°54	23°47	2° 2	19°26	28°32	23°27	22°14	21° 6	1°12	28°31	S 10
M11	19 18 33	19°48'33	19°50	28°11	4°40	4°35	23°55	2° 0	19°28	28°33	23°29	22° 9	21° 2	1°19	28°27	M11
T 12	19 22 30	20°45'48	4°R11	29°24	5°54	5°16	24° 4	1°58	19°31	28°33	23°30	22° 5	20°59	1°26	28°23	T 12
W13	19 26 26	21°43'03	18°24	0°R40	7° 7	5°57	24°12	1°56	19°33	28°34	23°32	22°D 4	20°56	1°32	28°20	W13
T 14	19 30 23	22°40'17	2°R26	2° 0	8°20	6°38	24°21	1°54	19°35	28°35	23°34	22° 4	20°53	1°39	28°16	T 14
F 15	19 34 20	23°37'31	16°18	3°24	9°34	7°19	24°30	1°52	19°36	28°35	23°35	22°R 5	20°50	1°46	28°12	F 15
S 16	19 38 16	24°34'44	29°59	4°52	10°47	8° 0	24°39	1°50	19°38	28°36	23°37	22° 5	20°47	1°53	28° 8	S 16
S 17	19 42 13	25°31'58	13°R30	6°23	12° 0	8°41	24°48	1°48	19°40	28°36	23°38	22° 3	20°43	1°59	28° 5	S 17
M18	19 46 9	26°29'11	26°49	7°58	13°14	9°22	24°58	1°47	19°42	28°37	23°40	21°59	20°40	2° 6	28° 1	M18
T 19	19 50 6	27°26'24	9°R58	9°37	14°27	10° 3	25° 7	1°45	19°44	28°37	23°42	21°52	20°37	2°13	27°57	T 19
W20	19 54 2	28°23'37	22°54	11°19	15°40	10°44	25°17	1°43	19°45	28°37	23°43	21°43	20°34	2°19	27°53	W20
T 21	19 57 59	29°20'50	5°R38	13° 4	16°54	11°25	25°26	1°42	19°47	28°38	23°45	21°31	20°31	2°26	27°50	T 21
F 22	20 1 55	0°R18'04	18° 9	14°53	18° 7	12° 5	25°36	1°41	19°49	28°38	23°47	21°20	20°28	2°33	27°46	F 22
S 23	20 5 52	1°15'17	0°R28	16°44	19°21	12°46	25°45	1°40	19°50	28°38	23°48	21° 8	20°24	2°39	27°42	S 23
S 24	20 9 49	2°12'31	12°35	18°39	20°34	13°27	25°55	1°38	19°52	28°39	23°50	20°58	20°21	2°46	27°39	S 24
M25	20 13 45	3° 9'45	24°33	20°35	21°48	14° 7	26° 5	1°37	19°53	28°39	23°52	20°50	20°18	2°53	27°35	M25
T 26	20 17 42	4° 7'00	6°R25	22°35	23° 1	14°48	26°15	1°36	19°55	28°39	23°53	20°44	20°15	2°59	27°31	T 26
W27	20 21 38	5° 4'15	18°14	24°36	24°15	15°28	26°25	1°36	19°56	28°39	23°55	20°41	20°12	3° 6	27°27	W27
T 28	20 25 35	6° 1'31	0°R 6	26°40	25°28	16° 8	26°35	1°35	19°58	28°39	23°57	20°40	20° 8	3°13	27°24	T 28
F 29	20 29 31	6°58'47	12° 6	28°45	26°42	16°49	26°46	1°34	19°59	28°40	23°59	20°D40	20° 5	3°19	27°20	F 29
S 30	20 33 28	7°56'05	24°19	0°R51	27°56	17°29	26°56	1°34	20° 0	28°40	24° 0	20°R40	20° 2	3°26	27°16	S 30
S 31	20 37 24	8°R53'22	6°R51	2°R58	29°R 9	18°R 9	27°R 6	1°R33	20°R 2	28°R40	24°R 2	20°R39	19°R59	3°R33	27°R13	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22n57	11n17	1s40	18n50	4s 9	22n29	0s40	23n48	0n28	4n 1	1n11	18s27	2n10	17n 4	0s23	F 1
S 2	22 53 16	7 0 35	18 58 4	3 22 35	0 37	23 49	0 28	3 58	1 10	18 27	2 10	17 4	0 23	9 25	1 33	S 2
S 3	22 48 20	21 0n32	19 7 3	56 22 40	0 35	23 50	0 29	3 55	1 10	18 26	2 9	17 5	0 23	9 25	1 33	S 3
M 4	22 42 23	45 1 39	19 18 3	48 22 45	0 33	23 51	0 30	3 51	1 10	18 26	2 9	17 6	0 23	9 26	1 33	M 4
T 5	22 37 25	58 2 43	19 29 3	40 22 49	0 30	23 51	0 30	3 48	1 10	18 26	2 9	17 6	0 23	9 26	1 34	T 5
W 6	22 30 26	44 3 40	19 40 3	31 22 53	0 28	23 51	0 31	3 45	1 10	18 25	2 9	17 7	0 23	9 26	1 34	W 6
T 7	22 24 25	50 4 24	19 52 3	21 22 56	0 25	23 52	0 31	3 42	1 10	18 25	2 9	17 7	0 23	9 26	1 34	T 7
F 8	22 17 23	18 4 54	20 5 3	11 22 58	0 23	23 51	0 32	3 38	1 10	18 25	2 8	17 8	0 23	9 27	1 34	F 8
S 9	22 10 19	16 5 5	20 17 3	0 23 0	0 20	23 51	0 32	3 35	1 9	18 24	2 8	17 9	0 23	9 27	1 34	S 9
S 10	22 2 14	6 4 57	20 30 2	49 23 1	0 18	23 51	0 33	3 31	1 9	18 24	2 8	17 9	0 23	9 27	1 34	S 10
M11	21 54 8	10 4 31	20 43 2	37 23 1	0 15	23 50	0 34	3 28	1 9	18 24	2 8	17 10	0 23	9 27	1 34	M11
T 12	21 45 1 49	3 47	20 56 2	25 23 0	0 13	23 49	0 34	3 24	1 9	18 24	2 8	17 10	0 23	9 27	1 34	T 12
W13	21 36 4s34	2 50	21 8 2	13 22 59	0 10	23 48	0 35	3 21	1 9	18 23	2 7	17 11	0 23	9 28	1 34	W13
T 14	21 27 10	40 1 43	21 19 2	1 22 58	0 8	23 46	0 35	3 17	1 9	18 23	2 7	17 11	0 23	9 28	1 34	T 14
F 15	21 18 16	10 0 31	21 30 1	48 22 55	0 5	23 45	0 36	3 13	1 9	18 23	2 7	17 12	0 23	9 28	1 34	F 15
S 16	21 8 20	45 0s42	21 41 1	35 22 52	0 3	23 43	0 36	3 10	1 8	18 23	2 7	17 12	0 23	9 28	1 34	S 16
S 17	20 57 24	11 1 52	21 50 1	22 22 48	0 0	23 41	0 37	3 6	1 8	18 23	2 6	17 13	0 23	9 28	1 34	S 17
M18	20 47 26	13 2 54	21 57 1	9 22 44	0n 2	23 39	0 38	3 2	1 8	18 23	2 6	17 13	0 23	9 28	1 34	M18
T 19	20 36 26	44 3 46	22 4 0	57 22 39	0 5	23 36	0 38	2 58	1 8	18 23	2 6	17 14	0 23	9 28	1 34	T 19
W20	20 24 25	46 4 25	22 9 0	44 22 33	0 7	23 34	0 39	2 55	1 8	18 23	2 6	17 14	0 23	9 28	1 34	W20
T 21	20 13 23	29 4 51	22 12 0	31 22 27	0 10	23 31	0 39	2 51	1 8	18 23	2 5	17 15	0 23	9 29	1 34	T 21
F 22	20 1 20	6 5 1	22 13 0	19 22 20	0 12	23 28	0 40	2 47	1 8	18 23	2 5	17 15	0 23	9 29	1 34	F 22
S 23	19 48 15	55 4 58	22 12 0	6 22 12	0 14	23 25	0 40	2 43	1 7	18 23	2 5	17 15	0 23	9 29	1 35	S 23
S 24	19 36 11	8 4 41	22 9 0n	5 22 4	0 17	23 21	0 41	2 39	1 7	18 23	2 5	17 16	0 23	9 29	1 35	S 24
M25	19 23 6	1 4 12	22 3 0	17 21 55	0 19	23 18	0 42	2 35	1 7	18 23	2 5	17 16	0 23	9 29	1 35	M25
T 26	19 9 0	43 3 32	21 55 0	28 21 45	0 22	23 14	0 42	2 31	1 7	18 23	2 4	17 17	0 23	9 29	1 35	T 26
W27	18 56 4n37	2 43	21 45 0	38 21 35	0 24	23 10	0 43	2 27	1 7	18 23	2 4	17 17	0 23	9 29	1 35	W27
T 28	18 42 9	48 1 47	21 31 0	48 21 24	0 26	23 6	0 43	2 22	1 7	18 23	2 4	17 17	0 23	9 29	1 35	T 28
F 29	18 28 14	42 0 45	21 16 0	57 21 12	0 28	23 1	0 44	2 18	1 7	18 23	2 4	17 18	0 23	9 29	1 35	F 29
S 30	18 13 19	6 0n19	20 57 1	5 21 0	0 31	22 57	0 44	2 14	1 7	18 23	2 3	17 18	0 23	9 29	1 35	S 30
S 31	17n58	22n46	1n25	20n36	1n13	20n47	0n33	22n52	0n45	2n10	1n 7	18s23	2n 3	17n18	0s23	S 31

Julian Day Number = 2704474.5, Delta T = 26m40s

Ecliptic obliquity = 23°21'03, Nutation = - 0°00'13

Ayanamsha: Fagan/Bradley = 34°25'41, Lahiri = 33°32'41

## ASTRODIENST EPHEMERIS for the year 2692

AUGUST 2692

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	20 41 21	9♂50'41	19♂45	5♂ 5	0♂23	18♂50	27♂17	1°R33	20♂ 3	28°R40	24♂ 4	20°R36	19♂56	3°Y40	27°R 9	M 1
T 2	20 45 18	10°48'01	3♂ 5	7°13	1°37	19°30	27°28	1°33	20° 4	28°Y40	24° 6	20♂31	19°53	3°46	27♂ 6	T 2
W 3	20 49 14	11°45'21	16°51	9°21	2°50	20°10	27°38	1°32	20° 5	28°40	24° 7	20°23	19°49	3°53	27° 2	W 3
T 4	20 53 11	12°42'42	1♂ 3	11°28	4° 4	20°50	27°49	1°D32	20° 6	28°39	24° 9	20°13	19°46	4° 0	26°59	T 4
F 5	20 57 7	13°40'03	15°36	13°35	5°18	21°30	28° 0	1°32	20° 7	28°39	24°11	20° 2	19°43	4° 6	26°55	F 5
S 6	21 1 4	14°37'25	0♂22	15°41	6°32	22°10	28°11	1°33	20° 8	28°39	24°13	19°51	19°40	4°13	26°52	S 6
S 7	21 5 0	15°34'48	15°14	17°47	7°45	22°50	28°22	1°33	20° 9	28°39	24°15	19°41	19°37	4°20	26°48	S 7
M 8	21 8 57	16°32'11	0♂ 2	19°51	8°59	23°30	28°33	1°33	20°10	28°39	24°16	19°34	19°34	4°26	26°45	M 8
T 9	21 12 53	17°29'34	14°41	21°54	10°13	24°10	28°44	1°34	20°11	28°38	24°18	19°29	19°30	4°33	26°41	T 9
W10	21 16 50	18°26'58	29° 3	23°56	11°27	24°50	28°55	1°34	20°11	28°38	24°20	19°26	19°27	4°40	26°38	W10
T 11	21 20 47	19°24'22	13♂ 9	25°56	12°41	25°30	29° 6	1°35	20°12	28°38	24°22	19°26	19°24	4°46	26°35	T 11
F 12	21 24 43	20°21'48	26°56	27°55	13°55	26° 9	29°17	1°35	20°13	28°37	24°24	19°26	19°21	4°53	26°32	F 12
S 13	21 28 40	21°19'13	10♂26	29°53	15° 8	26°49	29°29	1°36	20°13	28°37	24°25	19°25	19°18	5° 0	26°28	S 13
S 14	21 32 36	22°16'39	23°41	1♂49	16°22	27°29	29°40	1°37	20°14	28°37	24°27	19°22	19°14	5° 6	26°25	S 14
M15	21 36 33	23°14'06	6♂42	3°43	17°36	28° 8	29°52	1°38	20°14	28°36	24°29	19°17	19°11	5°13	26°22	M15
T 16	21 40 29	24°11'34	19°31	5°36	18°50	28°48	0♂ 3	1°39	20°15	28°36	24°31	19° 9	19° 8	5°20	26°19	T 16
W17	21 44 26	25° 9'02	2♂ 9	7°27	20° 4	29°27	0°15	1°40	20°15	28°35	24°33	18°59	19° 5	5°27	26°16	W17
T 18	21 48 22	26° 6'31	14°37	9°17	21°18	0♂ 7	0°27	1°42	20°16	28°35	24°34	18°46	19° 2	5°33	26°13	T 18
F 19	21 52 19	27° 4'01	26°54	11° 5	22°32	0°46	0°38	1°43	20°16	28°34	24°36	18°33	18°59	5°40	26°10	F 19
S 20	21 56 16	28° 1'32	9♂ 3	12°51	23°46	1°25	0°50	1°45	20°16	28°34	24°38	18°20	18°55	5°47	26° 7	S 20
S 21	22 0 12	28°59'04	21° 3	14°36	25° 0	2° 5	1° 2	1°46	20°16	28°33	24°40	18° 8	18°52	5°53	26° 4	S 21
M22	22 4 9	29°56'37	2°Y56	16°20	26°14	2°44	1°14	1°48	20°17	28°32	24°42	17°59	18°49	6° 0	26° 1	M22
T 23	22 8 5	0♂54'12	14°45	18° 2	27°28	3°23	1°26	1°50	20°17	28°32	24°43	17°52	18°46	6° 7	25°59	T 23
W24	22 12 2	1°51'48	26°34	19°42	28°42	4° 2	1°38	1°52	20°17	28°31	24°45	17°48	18°43	6°13	25°56	W24
T 25	22 15 58	2°49'25	8♂25	21°21	29°57	4°41	1°50	1°54	20°R17	28°30	24°47	17°46	18°39	6°20	25°53	T 25
F 26	22 19 55	3°47'03	20°23	22°58	1♂11	5°20	2° 2	1°56	20°17	28°29	24°49	17°D46	18°36	6°27	25°51	F 26
S 27	22 23 51	4°44'44	2♂34	24°34	2°25	5°59	2°14	1°58	20°17	28°28	24°51	17°R46	18°33	6°33	25°48	S 27
S 28	22 27 48	5°42'25	15° 3	26° 9	3°39	6°38	2°26	2° 0	20°17	28°28	24°52	17°46	18°30	6°40	25°46	S 28
M29	22 31 45	6°40'09	27°55	4°53	7°17	7°17	2°38	2° 2	20°16	28°27	24°54	17°44	18°27	6°47	25°44	M29
T 30	22 35 41	7°37'54	11♂14	29°13	6° 7	7°56	2°50	2° 5	20°16	28°26	24°56	17°40	18°24	6°53	25°41	T 30
W31	22 39 38	8♂35'40	25♂ 3	0♂43	7♂22	8♂35	3♂ 3	2♂ 7	20♂16	28°Y25	24♂58	17♂33	18♂20	7°Y 0	25♂39	W31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
M 1	17n43	25n24	2n28	20n13	1n20	20n34	0n35	22n47	0n45	2n 6	1n 6	18s23	2n 3	17n19	0s24	9n29
T 2	17 28	26 43	3 24	19 47	1 26	20 20	0 37	22 42	0 46	2 1	1 6	18 24	2 3	17 19	0 24	9 29
W 3	17 12	26 27	4 11	19 19	1 31	20 6	0 39	22 36	0 46	1 57	1 6	18 24	2 2	17 19	0 24	9 28
T 4	16 56	24 28	4 44	18 48	1 35	19 50	0 42	22 31	0 47	1 53	1 6	18 24	2 2	17 19	0 24	9 28
F 5	16 40	20 52	5 0	18 16	1 39	19 35	0 44	22 25	0 47	1 48	1 6	18 24	2 2	17 20	0 24	9 28
S 6	16 23	15 54	4 55	17 42	1 42	19 19	0 46	22 19	0 48	1 44	1 6	18 25	2 2	17 20	0 24	9 28
S 7	16 6	9 58	4 31	17 6	1 44	19 2	0 48	22 13	0 48	1 39	1 6	18 25	2 1	17 20	0 24	9 28
M 8	15 49	3 30	3 49	16 28	1 45	18 45	0 50	22 7	0 49	1 35	1 6	18 25	2 1	17 20	0 24	9 28
T 9	15 32	3s 7	2 52	15 50	1 46	18 27	0 52	22 1	0 50	1 31	1 6	18 25	2 1	17 21	0 24	9 28
W10	15 15	9 27	1 45	15 10	1 46	18 8	0 53	21 54	0 50	1 26	1 6	18 26	2 1	17 21	0 24	9 28
T 11	14 57	15 12	0 33	14 29	1 45	17 49	0 55	21 48	0 51	1 21	1 5	18 26	2 0	17 21	0 24	9 27
F 12	14 39	20 3	0s40	13 47	1 44	17 30	0 57	21 41	0 51	1 17	1 5	18 27	2 0	17 21	0 24	9 27
S 13	14 21	23 43	1 49	13 4	1 42	17 10	0 59	21 34	0 52	1 12	1 5	18 27	2 0	17 21	0 24	9 27
S 14	14 2	26 2	2 50	12 20	1 39	16 50	1 0	21 26	0 52	1 8	1 5	18 27	2 0	17 21	0 24	9 27
M15	13 43	26 53	3 42	11 36	1 36	16 29	1 2	21 19	0 53	1 3	1 5	18 28	1 59	17 22	0 24	9 27
T 16	13 25	26 15	4 21	10 52	1 33	16 8	1 4	21 12	0 53	0 58	1 5	18 28	1 59	17 22	0 24	9 26
W17	13 5	24 16	4 47	10 7	1 29	15 46	1 5	21 4	0 54	0 54	1 5	18 29	1 59	17 22	0 24	9 26
T 18	12 46	21 9	4 59	9 22	1 24	15 24	1 7	20 56	0 54	0 49	1 5	18 29	1 59	17 22	0 24	9 26
F 19	12 27	17 9	4 57	8 36	1 19	15 1	1 8	20 48	0 55	0 44	1 5	18 30	1 58	17 22	0 24	9 26
S 20	12 7	12 29	4 41	7 51	1 14	14 39	1 9	20 40	0 55	0 40	1 5	18 30	1 58	17 22	0 24	9 25
S 21	11 47	7 25	4 13	7 5	1 8	14 15	1 11	20 32	0 56	0 35	1 5	18 31	1 58	17 22	0 24	9 25
M22	11 27	2 6	3 34	6 20	1 2	13 51	1 12	20 23	0 56	0 30	1 5	18 32	1 58	17 22	0 24	9 25
T 23	11 7	3n15	2 45	5 34	0 55	13 27	1 13	20 15	0 57	0 25	1 5	18 32	1 57	17 22	0 24	9 25
W24	10 46	8 30	1 50	4 49	0 49	13 3	1 14	20 6	0 57	0 21	1 5	18 33	1 57	17 22	0 24	9 24
T 25	10 26	13 28	0 49	4 3	0 42	12 38	1 16	19 57	0 58	0 16	1 4	18 33	1 57	17 22	0 24	9 24
F 26	10 5	18 0	0n14	3 18	0 34	12 13	1 17	19 48	0 58	0 11	1 4	18 34	1 57	17 22	0 24	9 24
S 27	9 44	21 52	1 18	2 34	0 27	11 47	1 18	19 39	0 59	0 6	1 4	18 35	1 56	17 22	0 24	9 23
S 28	9 23	24 50	2 20	1 49	0 19	11 21	1 19	19 30	0 59	0 1	1 4	18 35	1 56	17 22	0 24	9 23
M29	9 2	26 36	3 16	1 5	0 11	10 55	1 19	19 21	1 0	0s 4	1 4	18 36	1 56	17 22	0 24	9 23
T 30	8 41	26 56	4 4	0 22	0 3	10 29	1 20	19 11	1 0	0 9	1 4	18 37	1 56	17 22	0 24	9 22
W31	8n19	25n38	4n40	0s22	0s 5	10n 2	1n21	19n 1	1n 1	0s13	1n 4	18s37	1n55	17n22	0s24	9n22

Julian Day Number = 2704505.5, Delta T = 26m41s

Ecliptic obliquity = 23°21'03, Nutation = - 0°00'12

Ayanamsha: Fagan/Bradley = 34°25'45, Lahiri = 33°32'45

# ASTRODIENST EPHEMERIS for the year 2692

SEPTEMBER 2692

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 43 34	9♍33'28	9♍20	2♂12	8♍36	9♍14	3♂15	2♂10	20°R16	28°R24	25♂0	17°R25	18♂17	7♍7	25°R37	T 1
F 2	22 47 31	10°31'18	24° 2	3°39	9°50	9°53	3°27	2°13	20♂15	28♍23	25° 1	17♂15	18°14	7°13	25♂35	F 2
S 3	22 51 27	11°29'08	9♍2	5° 4	11° 4	10°31	3°40	2°15	20°15	28°22	25° 3	17° 5	18°11	7°20	25°33	S 3
S 4	22 55 24	12°27'01	24°11	6°28	12°19	11°10	3°52	2°18	20°14	28°21	25° 5	16°57	18° 8	7°27	25°31	S 4
M 5	22 59 20	13°24'54	9♂19	7°50	13°33	11°49	4° 5	2°21	20°14	28°20	25° 7	16°50	18° 5	7°33	25°29	M 5
T 6	23 3 17	14°22'49	24°16	9°11	14°47	12°27	4°17	2°24	20°13	28°19	25° 8	16°46	18° 1	7°40	25°27	T 6
W 7	23 7 14	15°20'45	8♍55	10°30	16° 2	13° 6	4°30	2°27	20°13	28°18	25°10	16°44	17°58	7°47	25°25	W 7
T 8	23 11 10	16°18'43	23°11	11°48	17°16	13°44	4°42	2°31	20°12	28°17	25°12	16°D44	17°55	7°53	25°23	T 8
F 9	23 15 7	17°16'42	7♂4	13° 3	18°30	14°23	4°55	2°34	20°11	28°16	25°13	16°44	17°52	8° 0	25°22	F 9
S 10	23 19 3	18°14'42	20°34	14°17	19°45	15° 1	5° 8	2°37	20°10	28°14	25°15	16°R45	17°49	8° 7	25°20	S 10
S 11	23 23 0	19°12'43	3♂44	15°29	20°59	15°40	5°20	2°41	20°10	28°13	25°17	16°43	17°45	8°13	25°19	S 11
M12	23 26 56	20°10'46	16°35	16°39	22°14	16°18	5°33	2°44	20° 9	28°12	25°18	16°40	17°42	8°20	25°17	M12
T 13	23 30 53	21° 8'50	29°12	17°47	23°28	16°56	5°46	2°48	20° 8	28°11	25°20	16°35	17°39	8°27	25°16	T 13
W14	23 34 49	22° 6'55	11♂36	18°53	24°42	17°34	5°58	2°52	20° 7	28° 9	25°22	16°27	17°36	8°34	25°14	W14
T 15	23 38 46	23° 5'02	23°50	19°57	25°57	18°13	6°11	2°56	20° 6	28° 8	25°23	16°18	17°33	8°40	25°13	T 15
F 16	23 42 43	24° 3'10	5♂56	20°58	27°11	18°51	6°24	3° 0	20° 5	28° 7	25°25	16° 8	17°30	8°47	25°12	F 16
S 17	23 46 39	25° 1'20	17°55	21°57	28°26	19°29	6°37	3° 4	20° 4	28° 6	25°27	15°59	17°26	8°54	25°11	S 17
S 18	23 50 36	25°59'32	29°48	22°53	29°40	20° 7	6°49	3° 8	20° 3	28° 4	25°28	15°50	17°23	9° 0	25°10	S 18
M19	23 54 32	26°57'45	11♍39	23°46	0♂55	20°45	7° 2	3°12	20° 2	28° 3	25°30	15°43	17°20	9° 7	25° 9	M19
T 20	23 58 29	27°56'00	23°27	24°36	2° 9	21°23	7°15	3°16	20° 0	28° 1	25°31	15°38	17°17	9°14	25° 8	T 20
W21	0 2 25	28°54'17	5♂16	25°23	3°24	22° 1	7°28	3°20	19°59	28° 0	25°33	15°36	17°14	9°20	25° 8	W21
T 22	0 6 22	29°52'36	17° 9	26° 7	4°38	22°39	7°41	3°25	19°58	27°59	25°35	15°D35	17°11	9°27	25° 7	T 22
F 23	0 10 18	0♂50'57	29°10	26°46	5°53	23°16	7°54	3°29	19°56	27°57	25°36	15°36	17° 7	9°34	25° 6	F 23
S 24	0 14 15	1°49'20	11♂22	27°22	7° 7	23°54	8° 7	3°33	19°55	27°56	25°38	15°37	17° 4	9°40	25° 6	S 24
S 25	0 18 11	2°47'45	23°50	27°53	8°22	24°32	8°19	3°38	19°54	27°54	25°39	15°38	17° 1	9°47	25° 5	S 25
M26	0 22 8	3°46'12	6♂39	28°20	9°36	25°10	8°32	3°43	19°52	27°53	25°41	15°R39	16°58	9°54	25° 5	M26
T 27	0 26 5	4°44'41	19°52	28°42	10°51	25°47	8°45	3°47	19°51	27°51	25°42	15°38	16°55	10° 0	25° 5	T 27
W28	0 30 1	5°43'13	3♂34	28°58	12° 5	26°25	8°58	3°52	19°49	27°50	25°44	15°35	16°51	10° 7	25° 5	W28
T 29	0 33 58	6°41'46	17°44	29° 9	13°20	27° 2	9°11	3°57	19°48	27°48	25°45	15°31	16°48	10°14	25° 4	T 29
F 30	0 37 54	7♂40'22	2♍20	29°R13	14♂35	27♂40	9♂24	4♂2	19♂46	27♍47	25♂47	15♂25	16♂45	10♍20	25°D 4	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
T 1	7n57	22n40	5n 0	1s 4	0s13	9n35	1n22	18n52	1n 1	0s18	1n 4	18s38	1n55	17n22	0s24	T 1
F 2	7 36	18 11	5 1	1 47	0 22	9 7	1 22	18 42	1 2	0 23	1 4	18 39	1 55	17 22	0 24	F 2
S 3	7 14	12 30	4 41	2 29	0 31	8 40	1 23	18 32	1 2	0 28	1 4	18 40	1 55	17 21	0 24	S 3
S 4	6 52	6 0	4 2	3 10	0 39	8 12	1 23	18 22	1 3	0 33	1 4	18 41	1 54	17 21	0 24	S 4
M 5	6 30	0s50	3 6	3 50	0 48	7 44	1 24	18 11	1 3	0 38	1 4	18 41	1 54	17 21	0 24	M 5
T 6	6 8	7 34	1 57	4 30	0 57	7 16	1 24	18 1	1 3	0 43	1 4	18 42	1 54	17 21	0 24	T 6
W 7	5 45	13 46	0 42	5 10	1 6	6 47	1 24	17 51	1 4	0 48	1 4	18 43	1 54	17 21	0 24	W 7
T 8	5 23	19 4	0s35	5 48	1 15	6 19	1 25	17 40	1 4	0 53	1 4	18 44	1 54	17 21	0 24	T 8
F 9	5 0	23 10	1 47	6 26	1 24	5 50	1 25	17 29	1 5	0 58	1 4	18 45	1 53	17 20	0 24	F 9
S 10	4 38	25 51	2 51	7 3	1 33	5 21	1 25	17 19	1 5	1 3	1 4	18 46	1 53	17 20	0 24	S 10
S 11	4 15	27 2	3 44	7 39	1 42	4 52	1 25	17 8	1 6	1 8	1 4	18 46	1 53	17 20	0 24	S 11
M12	3 53	26 42	4 25	8 14	1 51	4 22	1 25	16 57	1 6	1 13	1 4	18 47	1 53	17 20	0 24	M12
T 13	3 30	25 0	4 52	8 49	2 0	3 53	1 25	16 46	1 7	1 18	1 4	18 48	1 52	17 20	0 24	T 13
W14	3 7	22 7	5 4	9 22	2 9	3 24	1 25	16 35	1 7	1 23	1 4	18 49	1 52	17 19	0 24	W14
T 15	2 44	18 17	5 3	9 54	2 18	2 54	1 24	16 23	1 8	1 28	1 4	18 50	1 52	17 19	0 24	T 15
F 16	2 21	13 46	4 48	10 25	2 27	2 24	1 24	16 12	1 8	1 33	1 4	18 51	1 52	17 19	0 24	F 16
S 17	1 58	8 45	4 20	10 55	2 35	1 54	1 24	16 1	1 9	1 38	1 4	18 52	1 52	17 18	0 24	S 17
S 18	1 35	3 28	3 41	11 24	2 43	1 24	1 23	15 49	1 9	1 44	1 4	18 53	1 51	17 18	0 24	S 18
M19	1 12	1n56	2 53	11 51	2 52	0 54	1 23	15 37	1 9	1 49	1 4	18 54	1 51	17 18	0 24	M19
T 20	0 49	7 16	1 57	12 17	2 59	0 24	1 22	15 26	1 10	1 54	1 4	18 55	1 51	17 17	0 24	T 20
W21	0 26	12 1	0 56	12 41	3 7	0s 6	1 22	15 14	1 10	1 59	1 4	18 56	1 51	17 17	0 24	W21
T 22	0 3	17 2	0n 9	13 4	3 14	0 36	1 21	15 2	1 11	2 4	1 4	18 57	1 50	17 17	0 24	T 22
F 23	0s20	21 5	1 13	13 25	3 21	1 6	1 20	14 50	1 11	2 9	1 4	18 58	1 50	17 16	0 24	F 23
S 24	0 43	24 18	2 15	13 44	3 28	1 36	1 20	14 38	1 12	2 14	1 4	18 59	1 50	17 16	0 24	S 24
S 25	1 6	26 25	3 13	14 0	3 34	2 6	1 19	14 26	1 12	2 19	1 4	19 0	1 50	17 16	0 24	S 25
M26	1 30	27 13	4 2	14 15	3 39	2 36	1 18	14 14	1 13	2 24	1 4	19 1	1 50	17 15	0 24	M26
T 27	1 53	26 30	4 40	14 27	3 44	3 6	1 17	14 1	1 13	2 29	1 4	19 2	1 49	17 15	0 24	T 27
W28	2 16	24 13	5 4	14 37	3 48	3 36	1 16	13 49	1 14	2 34	1 4	19 3	1 49	17 14	0 24	W28
T 29	2 39	20 23	5 10	14 44	3 51	4 6	1 15	13 37	1 14	2 39	1 4	19 4	1 49	17 14	0 24	T 29
F 30	3s 2	15n14	4n57	14s48	3s53	4s36	1n14	13n24	1n14	2s44	1n 4	19s 6	1n49	17n14	0s24	F 30

Julian Day Number = 2704536.5, Delta T = 26m41s  
 Ecliptic obliquity = 23°21'04, Nutation = - 0°00'12  
 Ayanamsha: Fagan/Bradley = 34°25'50, Lahiri = 33°32'49

## ASTRODIENST EPHEMERIS for the year 2692

OCTOBER 2692

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 41 51	8♂39'00	17♂19	29°R12	15♂49	28♂17	9♂37	4♂7	19°R44	27°R45	25♂48	15°R20	16♂42	10♂27	25♂4	S 1
S 2	0 45 47	9°37'39	2♂31	29♂3	17°4	28°55	9°50	4°12	19♂43	27°Y44	25°49	15♂15	16°39	10°34	25°5	S 2
M 3	0 49 44	10°36'21	17°46	28°48	18°18	29°32	10°3	4°17	19°41	27°42	25°51	15°11	16°36	10°40	25°5	M 3
T 4	0 53 40	11°35'04	2♂54	28°25	19°33	0♂9	10°16	4°22	19°39	27°40	25°52	15°9	16°32	10°47	25°5	T 4
W 5	0 57 37	12°33'50	17°47	27°55	20°48	0°47	10°29	4°28	19°37	27°39	25°53	15°D 8	16°29	10°54	25°5	W 5
T 6	1 1 34	13°32'37	2♂17	27°18	22°2	1°24	10°42	4°33	19°36	27°37	25°55	15°9	16°26	11°0	25°6	T 6
F 7	1 5 30	14°31'26	16°21	26°34	23°17	2°1	10°55	4°38	19°34	27°36	25°56	15°11	16°23	11°7	25°6	F 7
S 8	1 9 27	15°30'16	29°59	25°43	24°32	2°38	11°8	4°44	19°32	27°34	25°57	15°12	16°20	11°14	25°7	S 8
S 9	1 13 23	16°29'09	13♂12	24°47	25°46	3°15	11°21	4°49	19°30	27°32	25°59	15°R13	16°16	11°20	25°8	S 9
M10	1 17 20	17°28'03	26°3	23°45	27°1	3°52	11°34	4°55	19°28	27°31	26°0	15°13	16°13	11°27	25°8	M10
T 11	1 21 16	18°26'58	8♂35	22°39	28°16	4°29	11°47	5°0	19°26	27°29	26°1	15°11	16°10	11°34	25°9	T 11
W12	1 25 13	19°25'56	20°52	21°31	29°30	5°6	11°59	5°6	19°24	27°27	26°2	15°8	16°7	11°40	25°10	W12
T 13	1 29 9	20°24'55	2♂58	20°23	0♂45	5°43	12°12	5°12	19°22	27°26	26°3	15°5	16°4	11°47	25°11	T 13
F 14	1 33 6	21°23'55	14°56	19°15	2°0	6°20	12°25	5°18	19°20	27°24	26°5	15°1	16°1	11°54	25°12	F 14
S 15	1 37 3	22°22'58	26°49	18°10	3°14	6°56	12°38	5°23	19°18	27°22	26°6	14°57	15°57	12°0	25°13	S 15
S 16	1 40 59	23°22'02	8♂39	17°10	4°29	7°33	12°51	5°29	19°16	27°21	26°7	14°53	15°54	12°7	25°15	S 16
M17	1 44 56	24°21'09	20°28	16°17	5°43	8°10	13°4	5°35	19°13	27°19	26°8	14°51	15°51	12°14	25°16	M17
T 18	1 48 52	25°20'17	2♂19	15°31	6°58	8°46	13°17	5°41	19°11	27°17	26°9	14°49	15°48	12°20	25°17	T 18
W19	1 52 49	26°19'28	14°14	14°54	8°13	9°23	13°29	5°47	19°9	27°16	26°10	14°D49	15°45	12°27	25°19	W19
T 20	1 56 45	27°18'40	26°14	14°28	9°27	9°59	13°42	5°53	19°7	27°14	26°11	14°49	15°42	12°34	25°20	T 20
F 21	2 0 42	28°17'55	8♂22	14°12	10°42	10°36	13°55	5°59	19°5	27°12	26°12	14°50	15°38	12°40	25°22	F 21
S 22	2 4 38	29°17'12	20°42	14°D 7	11°57	11°12	14°8	6°6	19°2	27°11	26°13	14°51	15°35	12°47	25°24	S 22
S 23	2 8 35	0♂16'31	3♂15	14°12	13°11	11°48	14°20	6°12	19°0	27°9	26°14	14°53	15°32	12°54	25°26	S 23
M24	2 12 32	1°15'53	16°6	14°29	14°26	12°25	14°33	6°18	18°58	27°7	26°15	14°54	15°29	13°0	25°28	M24
T 25	2 16 28	2°15'17	29°17	14°55	15°41	13°1	14°46	6°24	18°55	27°6	26°16	14°R54	15°26	13°7	25°29	T 25
W26	2 20 25	3°14'43	12♂51	15°31	16°56	13°37	14°58	6°31	18°53	27°4	26°17	14°54	15°22	13°14	25°31	W26
T 27	2 24 21	4°14'11	26°49	16°16	18°10	14°13	15°11	6°37	18°51	27°2	26°18	14°53	15°19	13°20	25°34	T 27
F 28	2 28 18	5°13'42	11♂10	17°9	19°25	14°49	15°24	6°44	18°48	27°1	26°19	14°52	15°16	13°27	25°36	F 28
S 29	2 32 14	6°13'14	25°52	18°9	20°40	15°25	15°36	6°50	18°46	26°59	26°19	14°51	15°13	13°34	25°38	S 29
S 30	2 36 11	7°12'49	10♂50	19°16	21°54	16°1	15°49	6°57	18°44	26°57	26°20	14°50	15°10	13°40	25°40	S 30
M31	2 40 7	8♂12'26	25♂55	20♂28	23♂9	16♂37	16♂1	7♂3	18♂41	26°Y56	26♂21	14♂50	15♂7	13°Y47	25♂43	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	decl	decl	lat
S 1	3s25	9n 3	4n24	14s48	3s55	5s 5	1n12	13n12	1n15	2s49	1n 4	19s 7	1n49	17n13	0s24	9n 7	1s38	19n43	7n17	16n22	16n46	1n19	14s 5	7n 4			
S 2	3 48	2 15	3 32	14 45	3 55	5 35	1 11	12 59	1 15	2 54	1 4	19 8	1 49	17 13	0 24	9 6	1 38	19 42	7 17	16 21	16 45	1 22	14 6	7 3			
M 3	4 11	4s44	2 24	14 39	3 54	6 5	1 10	12 47	1 16	2 59	1 4	19 9	1 48	17 12	0 24	9 6	1 38	19 42	7 17	16 20	16 44	1 25	14 6	7 3			
T 4	4 34	11 24	1 6	14 28	3 51	6 34	1 8	12 34	1 16	3 5	1 4	19 10	1 48	17 12	0 24	9 5	1 38	19 42	7 17	16 19	16 43	1 29	14 7	7 2			
W 5	4 57	17 18	0s14	14 14	3 47	7 3	1 7	12 21	1 17	3 10	1 4	19 11	1 48	17 11	0 24	9 4	1 38	19 42	7 17	16 19	16 42	1 32	14 7	7 2			
T 6	5 20	22 3	1 33	13 55	3 41	7 32	1 6	12 8	1 17	3 15	1 4	19 12	1 48	17 11	0 24	9 4	1 38	19 41	7 18	16 19	16 41	1 35	14 8	7 1			
F 7	5 42	25 21	2 43	13 32	3 33	8 1	1 4	11 55	1 17	3 20	1 4	19 13	1 48	17 10	0 24	9 3	1 38	19 41	7 18	16 20	16 41	1 39	14 8	7 1			
S 8	6 5	27 2	3 41	13 4	3 24	8 30	1 2	11 43	1 18	3 25	1 4	19 15	1 47	17 10	0 24	9 3	1 38	19 41	7 18	16 20	16 40	1 42	14 8	7 0			
S 9	6 28	27 7	4 26	12 33	3 13	8 59	1 1	11 30	1 18	3 30	1 4	19 16	1 47	17 9	0 24	9 2	1 38	19 41	7 18	16 20	16 39	1 45	14 9	6 59			
M10	6 50	25 43	4 57	11 58	3 0	9 27	0 59	11 17	1 19	3 35	1 4	19 17	1 47	17 9	0 24	9 2	1 38	19 40	7 19	16 20	16 38	1 48	14 9	6 59			
T 11	7 12	23 4	5 12	11 20	2 45	9 55	0 57	11 4	1 19	3 40	1 4	19 18	1 47	17 8	0 24	9 1	1 38	19 40	7 19	16 20	16 37	1 52	14 10	6 58			
W12	7 35	19 25	5 12	10 39	2 28	10 23	0 56	10 51	1 20	3 45	1 4	19 19	1 47	17 8	0 24	9 0	1 38	19 40	7 19	16 19	16 36	1 55	14 10	6 58			
T 13	7 57	15 1	4 59	9 56	2 10	10 51	0 54	10 37	1 20	3 50	1 4	19 20	1 47	17 7	0 24	9 0	1 38	19 40	7 19	16 18	16 35	1 58	14 11	6 57			
F 14	8 19	10 6	4 32	9 13	1 51	11 19	0 52	10 24	1 20	3 55	1 4	19 22	1 46	17 6	0 24	8 59	1 38	19 40	7 19	16 17	16 34	2 1	14 11	6 57			
S 15	8 41	4 51	3 54	8 30	1 31	11 46	0 50	10 11	1 21	4 0	1 4	19 23	1 46	17 6	0 24	8 59	1 38	19 39	7 20	16 16	16 33	2 5	14 11	6 56			
S 16	9 3	0n33	3 6	7 48	1 10	12 13	0 48	9 58	1 21	4 4	1 4	19 24	1 46	17 5	0 24	8 58	1 38	19 39	7 20	16 15	16 32	2 8	14 12	6 56			
M17	9 24	5 57	2 10	7 9	0 50	12 40	0 46	9 45	1 22	4 9	1 4	19 25	1 46	17 5	0 24	8 57	1 38	19 39	7 20	16 14	16 31	2 11	14 12	6 55			
T 18	9 46	11 10	1 8	6 32	0 29	13 6	0 44	9 31	1 22	4 14	1 4	19 26	1 46	17 4	0 24	8 57	1 38	19 39	7 20	16 13	16 30	2 14	14 12	6 54			
W19	10 7	16 0	0 3	6 0	0 10	13 32	0 42	9 18	1 23	4 19	1 4	19 27	1 46	17 4	0 24	8 56	1 38	19 39	7 21	16 13	16 30	2 18	14 13	6 54			
T 20	10 29	20 15	1n 3	5 33	0n 9	13 58	0 40	9 5	1 23	4 24	1 4	19 29	1 46	17 3	0 24	8 56	1 38	19 39	7 21	16 13	16 29	2 21	14 13	6 53			
F 21	10 50	23 42	2 7	5 10	0 27	14 23	0 37	8 51	1 23	4 29	1 4	19 30	1 45	17 2	0 24	8 55	1 38	19 39	7 21	16 14	16 28	2 24	14 13	6 53			
S 22	11 11	26 7	3 6	4 53	0 43	14 48	0 35	8 38	1 24	4 34	1 4	19 31	1 45	17 2	0 24	8 54	1 38	19 39	7 21	16 14	16 27	2 27	14 13	6 52			
S 23	11 32	27 16	3 57	4 41	0 58	15 13	0 33	8 24	1 24	4 39	1 4	19 32	1 45	17 1	0 24	8 54	1 38	19 38	7 22	16 14	16 26	2 31	14 14	6 52			
M24	11 52	26 59	4 38	4 35	1 11	15 37	0 31	8 11	1 25	4 44	1 4	19 33	1 45	17 0	0 24	8 53	1 38	19 38	7 22	16 15	16 25	2 34	14 14	6 51			
T 25	12 13	25 12	5 5	4 35	1 23	16 1	0 28	7 58	1 25	4 48	1 4	19 35	1 45	17 0	0 24	8 53	1 38	19 38	7 22	16 15	16 24	2 37	14 14	6 51			
W26	12 33	21 57	5 17	4 39	1 33	16 25	0 26	7 44	1 25	4 53	1 4	19 36	1 45	16 59	0 24	8 52	1 38	19 38	7 22	16 15	16 23	2 40	14 14	6 50			
T 27	12 53	17 23	5 10	4 48	1 42	16 48	0 24	7 31	1 26	4 58	1 5	19 37	1 45	16 59	0 24	8 51	1 38	19 38	7 23	16 15	16 22	2 44	14 14	6 49			
F 28	13 13	11 44	4 44	5 2	1 49	17 10	0 21	7 17	1 26	5 3	1 5	19 38	1 44	16 58	0 24	8 51	1 38	19 38	7 23	16 14	16 21	2 47	14 14	6 49			
S 29	13 33	5 18	4 0	5 20	1 55	17 33	0 19	7 4	1 27	5 7	1 5	19 39	1 44	16 57	0 24	8 50	1 38	19 38	7 23	16 14	16 20	2 50	14 15	6 48			
S 30	13 52	1s33	2 58	5 41	1 59	17 54	0 17	6 50	1 27	5 12	1 5	19 41	1 44	16 57	0 24	8 50	1 38	19 38	7 24	16 14	16 19	2 54	14 15	6 48			
M31	14s11	8s23	1n43	6s 5	2n 2	18s16	0n14	6n37	1n28	5s17	1n 5	19s42	1n44	16n56	0s24	8n49	1s38	19n38	7n24	16n14	16n19	2n57	14s15	6n47			

## ASTRODIENST EPHEMERIS for the year 2692

NOVEMBER 2692

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 44 4	9♉12°06'	11♉0	21♋45	24♉24	17♏13	16♋14	7♏10	18°R39	26°R54	26♏22	14°D49	15♋3	13♏54	25♋45	T 1
W 2	2 48 1	10°11'47"	25°54'	23° 6'	25°38'	17°49'	16°26'	7°16'	18♋36	26♏53	26°22'	14♋49	15° 0'	14° 0'	25°48'	W 2
T 3	2 51 57	11°11'30"	10♏31	24°31'	26°53'	18°24'	16°38'	7°23'	18°34'	26°51'	26°23'	14°50'	14°57'	14° 7'	25°50'	T 3
F 4	2 55 54	12°11'15"	24°45'	25°59'	28° 8'	19° 0'	16°51'	7°30'	18°31'	26°49'	26°24'	14°50'	14°54'	14°14'	25°53'	F 4
S 5	2 59 50	13°11'02"	8♋32	27°30'	29°23'	19°35'	17° 3'	7°36'	18°29'	26°48'	26°24'	14°50'	14°51'	14°20'	25°56'	S 5
S 6	3 3 47	14°10'50"	21°53'	29° 2'	0♏37	20°11'	17°15'	7°43'	18°26'	26°46'	26°25'	14°50'	14°48'	14°27'	25°59'	S 6
M 7	3 7 43	15°10'40"	4♏49	0♉36	1°52'	20°46'	17°27'	7°50'	18°24'	26°45'	26°25'	14°R50	14°44'	14°34'	26° 1'	M 7
T 8	3 11 40	16°10'32"	17°23'	2°11'	3° 7'	21°22'	17°40'	7°57'	18°22'	26°43'	26°26'	14°D50	14°41'	14°40'	26° 4'	T 8
W 9	3 15 36	17°10'25"	29°40'	3°48'	4°21'	21°57'	17°52'	8° 4'	18°19'	26°41'	26°27'	14°50'	14°38'	14°47'	26° 7'	W 9
T 10	3 19 33	18°10'20"	11♋43	5°25'	5°36'	22°32'	18° 4'	8°10'	18°17'	26°40'	26°27'	14°51'	14°35'	14°54'	26°11'	T 10
F 11	3 23 30	19°10'16"	23°37'	7° 3'	6°51'	23° 7'	18°16'	8°17'	18°14'	26°38'	26°27'	14°51'	14°32'	15° 0'	26°14'	F 11
S 12	3 27 26	20°10'14"	5♏27	8°41'	8° 5'	23°43'	18°28'	8°24'	18°12'	26°37'	26°28'	14°52'	14°28'	15° 7'	26°17'	S 12
S 13	3 31 23	21°10'14"	17°16'	10°20'	9°20'	24°18'	18°39'	8°31'	18° 9'	26°35'	26°28'	14°52'	14°25'	15°14'	26°20'	S 13
M14	3 35 19	22°10'15"	29° 7'	11°58'	10°35'	24°53'	18°51'	8°38'	18° 7'	26°34'	26°29'	14°53'	14°22'	15°20'	26°24'	M14
T 15	3 39 16	23°10'18"	11♋3	13°37'	11°49'	25°27'	19° 3'	8°45'	18° 4'	26°32'	26°29'	14°R53	14°19'	15°27'	26°27'	T 15
W16	3 43 12	24°10'23"	23° 7'	15°15'	13° 4'	26° 2'	19°15'	8°52'	18° 2'	26°31'	26°29'	14°53'	14°16'	15°34'	26°31'	W16
T 17	3 47 9	25°10'30"	5♏20	16°54'	14°19'	26°37'	19°26'	8°59'	17°59'	26°30'	26°30'	14°52'	14°13'	15°40'	26°34'	T 17
F 18	3 51 5	26°10'38"	17°43'	18°32'	15°33'	27°12'	19°38'	9° 6'	17°57'	26°28'	26°30'	14°51'	14° 9'	15°47'	26°38'	F 18
S 19	3 55 2	27°10'49"	0♋19	20°10'	16°48'	27°46'	19°50'	9°13'	17°55'	26°27'	26°30'	14°50'	14° 6'	15°54'	26°41'	S 19
S 20	3 58 59	28°11'01"	13° 7'	21°48'	18° 3'	28°21'	20° 1'	9°20'	17°52'	26°25'	26°30'	14°48'	14° 3'	16° 0'	26°45'	S 20
M21	4 2 55	29°11'15"	26°10'	23°26'	19°18'	28°55'	20°13'	9°27'	17°50'	26°24'	26°31'	14°46'	14° 0'	16° 7'	26°49'	M21
T 22	4 6 52	0♏11'32"	9♏27	25° 3'	20°32'	29°30'	20°24'	9°35'	17°47'	26°23'	26°31'	14°44'	13°57'	16°14'	26°53'	T 22
W23	4 10 48	1°11'50"	23° 1'	26°40'	21°47'	0♋4	20°35'	9°42'	17°45'	26°21'	26°31'	14°43'	13°54'	16°20'	26°57'	W23
T 24	4 14 45	2°12'10"	6♏50	28°17'	23° 2'	0°38'	20°46'	9°49'	17°43'	26°20'	26°31'	14°D43	13°50'	16°27'	27° 1'	T 24
F 25	4 18 41	3°12'32"	20°57'	29°53'	24°16'	1°12'	20°58'	9°56'	17°40'	26°19'	26°31'	14°44'	13°47'	16°34'	27° 5'	F 25
S 26	4 22 38	4°12'56"	5♋18	1♏30	25°31'	1°47'	21° 9'	10° 3'	17°38'	26°18'	26°31'	14°45'	13°44'	16°40'	27° 9'	S 26
S 27	4 26 34	5°13'21"	19°52'	3° 6'	26°45'	2°21'	21°20'	10°10'	17°36'	26°16'	26°R31	14°47'	13°41'	16°47'	27°13'	S 27
M28	4 30 31	6°13'49"	4♉33	4°41'	28° 0'	2°54'	21°30'	10°17'	17°33'	26°15'	26°31'	14°48'	13°38'	16°54'	27°17'	M28
T 29	4 34 28	7°14'18"	19°18'	6°17'	29°15'	3°28'	21°41'	10°24'	17°31'	26°14'	26°31'	14°R48	13°34'	17° 0'	27°21'	T 29
W30	4 38 24	8♏14'49"	3♏58	7♏52	0♋29	4♋2	21♋52	10♏32	17♋29	26♏13	26♏31	14♋47	13♋31	17♏7	27♋26	W30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	14s31	14s44	0n21	6s32	2n 4	18s37	0n12	6n23	1n28	5s22	1n 5	19s43	1n44	16n55	0s24	8n48
W 2	14 49 20	9 1s 1	7 1 2	5 18 57	0 9 6	9 18 57	0 9 6	9 18 57	0 9 6	9 18 57	0 9 6	9 18 57	0 9 6	9 18 57	0 9 6	9 18 57
T 3	15 8 24	13 2 18	7 32 2	5 19 17	0 7 5	56 19 17	0 7 5	56 19 17	0 7 5	56 19 17	0 7 5	56 19 17	0 7 5	56 19 17	0 7 5	56 19 17
F 4	15 26 26	39 3 24	8 5 2	4 19 36	0 4 5	42 19 36	0 4 5	42 19 36	0 4 5	42 19 36	0 4 5	42 19 36	0 4 5	42 19 36	0 4 5	42 19 36
S 5	15 44 27	20 4 16	8 39 2	2 19 55	0 2 5	29 19 55	0 2 5	29 19 55	0 2 5	29 19 55	0 2 5	29 19 55	0 2 5	29 19 55	0 2 5	29 19 55
S 6	16 2 26	24 4 53	9 13 2	0 20 13	0s 1	5 15 20	13 0s 1	5 15 20	13 0s 1	5 15 20	13 0s 1	5 15 20	13 0s 1	5 15 20	13 0s 1	5 15 20
M 7	16 20 24	3 5 13	9 49 1	57 20 31	0 3 5	2 130 5	49 1 5	19 50 1	43 16 51	0 24 8	45 1 38	19 38 7	26 16 14	16 12 3	20 14 15	6 44
T 8	16 37 20	36 5 17	10 25 1	53 20 48	0 6 4	48 1 31	5 54 1	5 19 51	1 43 16 51	0 24 8	45 1 38	19 38 7	26 16 14	16 11 3	23 14 15	6 43
W 9	16 54 16	20 5 7	11 2 1	49 21 4	0 8 4	35 1 31	5 58 1	6 19 53	1 43 16 50	0 24 8	44 1 38	19 38 7	26 16 14	16 10 3	26 14 15	6 43
T 10	17 11 11	31 4 44	11 39 1	44 21 20	0 11 4	21 1 32	6 3 1	6 19 54	1 43 16 49	0 24 8	43 1 38	19 38 7	27 16 14	16 9 3	29 14 15	6 42
F 11	17 27 6	19 4 8	12 15 1	39 21 36	0 14 4	8 1 32	6 7 1	6 19 55	1 43 16 49	0 24 8	43 1 38	19 39 7	27 16 14	16 8 3	33 14 15	6 42
S 12	17 43 0	56 3 22	12 52 1	34 21 50	0 16 3	54 1 32	6 12 1	6 19 56	1 43 16 48	0 24 8	42 1 38	19 39 7	27 16 14	16 7 3	36 14 15	6 41
S 13	17 59 4n29	2 27 13	28 1 28	22 5 0	19 3 41	1 33 6	16 1 6	19 57 1	43 16 47	0 24 8	42 1 38	19 39 7	27 16 14	16 6 3	39 14 15	6 41
M14	18 15 9	46 1 26	14 4 1	22 22 18	0 21 3	27 1 33	6 20 1	6 19 58 1	43 16 47	0 24 8	41 1 38	19 39 7	28 16 14	16 5 3	42 14 14	6 40
T 15	18 30 14	45 0 21	14 39 1	16 22 31	0 24 3	14 1 34	6 25 1	6 20 0 1	42 16 46	0 24 8	41 1 38	19 39 7	28 16 15	16 5 3	46 14 14	6 40
W16	18 45 19	13 0n46	15 14 1	10 22 43	0 26 3	1 34 6	29 1 6	20 1 1	42 16 45	0 24 8	40 1 38	19 39 7	28 16 15	16 4 3	49 14 14	6 39
T 17	18 59 22	56 1 51	15 48 1	4 22 55	0 29 2	47 1 35	6 33 1	6 20 2 1	42 16 45	0 24 8	40 1 38	19 39 7	28 16 14	16 3 3	52 14 14	6 39
F 18	19 14 25	39 2 52	16 22 0	57 23 5	0 31 2	34 1 35	6 38 1	6 20 3 1	42 16 44	0 24 8	39 1 38	19 40 7	29 16 14	16 2 3	56 14 14	6 38
S 19	19 27 27	7 3 46	16 55 0	50 23 16	0 34 2	20 1 35	6 42 1	7 20 4 1	42 16 43	0 24 8	39 1 38	19 40 7	29 16 14	16 1 3	59 14 13	6 38
S 20	19 41 27	10 4 29	17 27 0	44 23 25	0 36 2	7 1 36	6 46 1	7 20 5 1	42 16 43	0 24 8	38 1 38	19 40 7	29 16 13	16 0 4	2 14 13	6 38
M21	19 54 25	45 5 0	17 58 0	37 23 34	0 39 1	54 1 36	6 50 1	7 20 6 1	42 16 42	0 24 8	38 1 38	19 40 7	30 16 12	15 59 4	5 14 13	6 37
T 22	20 7 22	53 5 15	18 28 0	30 23 42	0 41 1	41 1 37	6 54 1	7 20 8 1	42 16 41	0 24 8	38 1 38	19 40 7	30 16 12	15 58 4	9 14 13	6 37
W23	20 19 18	43 5 13	18 58 0	23 23 50	0 44 1	27 1 37	6 59 1	7 20 9 1	42 16 41	0 24 8	37 1 38	19 40 7	30 16 12	15 57 4	12 14 12	6 36
T 24	20 32 13	30 4 53	19 26 0	16 23 56	0 46 1	14 1 37	7 3 1	7 20 10 1	42 16 40	0 24 8	37 1 38	19 41 7	30 16 12	15 56 4	15 14 12	6 36
F 25	20 43 7	29 4 15	19 54 0	9 24 2	0 49 1	1 38 7	7 7 1	7 20 11 1	42 16 39	0 24 8	36 1 37	19 41 7	31 16 12	15 55 4	18 14 12	6 35
S 26	20 55 0	59 3 21	20 21 0	2 24 7	0 51 0	48 1 38	7 11 1	7 20 12 1	42 16 39	0 24 8	36 1 37	19 41 7	31 16 12	15 54 4	22 14 11	6 35
S 27	21 6 5s41	2 13 20	46 0s 4	24 12 0	53 0 53	0 35 1	39 7 15	1 8 20 13	1 42 16 38	0 24 8	35 1 37	19 41 7	31 16 13	15 53 4	25 14 11	6 35
M28	21 16 12	7 0 56	21 11 0	11 24 16	0 56 0	22 1 39	7 19 1	8 20 14 1	42 16 37	0 24 8	35 1 37	19 42 7	32 16 13	15 52 4	28 14 11	6 34
T 29	21 26 17	53 0s25	21 34 0	18 24 19	0 58 0	9 1 39	7 22 1	8 20 15 1	41 16 37	0 24 8	35 1 37	19 42 7	32 16 13	15 51 4	31 14 10	6 34
W30	21s36	22s34	1s44	21s57	0s24	24s21	1s 0	0s 4 1n40	7s26	1n 8	20s16	1n41	16n36	0s24	8n34	1s37

Julian Day Number = 2704597.5, Delta T = 26m42s

Ecliptic obliquity = 23°21'04", Nutation = - 0°00'14"

Ayanamsha: Fagan/Bradley = 34°25'58", Lahiri = 33°32'58"

## ASTRODIENST EPHEMERIS for the year 2692

DECEMBER 2692

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 42 21	9♂15'22	18♂27	9♂27	1♂44	4♂36	22♂3	10♂39	17♂26	26♂12	26♂31	14♂45	13♂28	17♂14	27♂30	T 1
F 2	4 46 17	10♂15'56	2♂38	11° 2	2°59	5° 9	22°13	10°46	17♂24	26♂11	26♂31	14♂41	13°25	17°20	27°34	F 2
S 3	4 50 14	11°16'32	16°28	12°36	4°13	5°43	22°24	10°53	17°22	26°10	26°31	14°37	13°22	17°27	27°39	S 3
S 4	4 54 10	12°17'08	29°54	14°11	5°28	6°16	22°34	11° 0	17°20	26° 8	26°30	14°33	13°19	17°34	27°43	S 4
M 5	4 58 7	13°17'46	12♂55	15°45	6°43	6°49	22°45	11° 7	17°18	26° 7	26°30	14°29	13°15	17°40	27°48	M 5
T 6	5 2 4	14°18'25	25°33	17°19	7°57	7°23	22°55	11°15	17°16	26° 6	26°30	14°26	13°12	17°47	27°52	T 6
W 7	5 6 0	15°19'05	7♂52	18°53	9°12	7°56	23° 5	11°22	17°13	26° 5	26°30	14°24	13° 9	17°54	27°57	W 7
T 8	5 9 57	16°19'46	19°56	20°27	10°27	8°29	23°15	11°29	17°11	26° 5	26°29	14°D24	13° 6	18° 0	28° 2	T 8
F 9	5 13 53	17°20'28	1♂50	22° 1	11°41	9° 1	23°25	11°36	17° 9	26° 4	26°29	14°25	13° 3	18° 7	28° 6	F 9
S 10	5 17 50	18°21'11	13°39	23°34	12°56	9°34	23°35	11°43	17° 7	26° 3	26°29	14°27	13° 0	18°14	28°11	S 10
S 11	5 21 46	19°21'55	25°28	25° 8	14°10	10° 7	23°45	11°50	17° 5	26° 2	26°28	14°29	12°56	18°20	28°16	S 11
M12	5 25 43	20°22'40	7♂21	26°41	15°25	10°39	23°54	11°57	17° 3	26° 1	26°28	14°30	12°53	18°27	28°21	M12
T 13	5 29 39	21°23'26	19°23	28°15	16°39	11°12	24° 4	12° 5	17° 1	26° 0	26°28	14°R30	12°50	18°33	28°26	T 13
W14	5 33 36	22°24'13	1♂37	29°48	17°54	11°44	24°13	12°12	17° 0	25°59	26°27	14°28	12°47	18°40	28°30	W14
T 15	5 37 33	23°25'01	14° 4	1♂22	19° 9	12°17	24°23	12°19	16°58	25°59	26°27	14°25	12°44	18°47	28°35	T 15
F 16	5 41 29	24°25'50	26°46	2°55	20°23	12°49	24°32	12°26	16°56	25°58	26°26	14°20	12°40	18°53	28°40	F 16
S 17	5 45 26	25°26'40	9♂44	4°28	21°38	13°21	24°41	12°33	16°54	25°57	26°26	14°13	12°37	19° 0	28°45	S 17
S 18	5 49 22	26°27'32	22°55	6° 1	22°52	13°53	24°50	12°40	16°52	25°57	26°25	14° 5	12°34	19° 7	28°50	S 18
M19	5 53 19	27°28'24	6♂20	7°35	24° 7	14°24	24°59	12°47	16°51	25°56	26°24	13°58	12°31	19°13	28°56	M19
T 20	5 57 15	28°29'18	19°56	9° 8	25°21	14°56	25° 8	12°54	16°49	25°56	26°24	13°51	12°28	19°20	29° 1	T 20
W21	6 1 12	29°30'13	3♂42	10°41	26°35	15°28	25°16	13° 1	16°47	25°55	26°23	13°46	12°25	19°27	29° 6	W21
T 22	6 5 8	0♂31'08	17°36	12°14	27°50	15°59	25°25	13° 8	16°46	25°54	26°23	13°44	12°21	19°33	29°11	T 22
F 23	6 9 5	1°32'05	1♂37	13°47	29° 4	16°30	25°33	13°15	16°44	25°54	26°22	13°D43	12°18	19°40	29°16	F 23
S 24	6 13 2	2°33'04	15°44	15°19	0♂19	17° 2	25°42	13°22	16°43	25°54	26°21	13°43	12°15	19°47	29°22	S 24
S 25	6 16 58	3°34'03	29°56	16°52	1°33	17°33	25°50	13°29	16°41	25°53	26°20	13°44	12°12	19°53	29°27	S 25
M26	6 20 55	4°35'03	14♂12	18°24	2°48	18° 4	25°58	13°36	16°40	25°53	26°20	13°R45	12° 9	20° 0	29°32	M26
T 27	6 24 51	5°36'05	28°28	19°56	4° 2	18°34	26° 6	13°42	16°38	25°52	26°19	13°44	12° 6	20° 7	29°37	T 27
W28	6 28 48	6°37'07	12♂42	21°28	5°16	19° 5	26°14	13°49	16°37	25°52	26°18	13°41	12° 2	20°13	29°43	W28
T 29	6 32 44	7°38'10	26°49	22°59	6°31	19°35	26°21	13°56	16°36	25°52	26°17	13°35	11°59	20°20	29°48	T 29
F 30	6 36 41	8°39'14	10♂44	24°30	7°45	20° 6	26°29	14° 3	16°34	25°52	26°16	13°27	11°56	20°27	29°54	F 30
S 31	6 40 38	9♂40'18	24♂23	25♂59	8♂59	20♂36	26♂36	14♂9	16♂33	25♂51	26♂16	13♂17	11♂53	20♂33	29♂59	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	21s45	25s45	2s55	22s18	0s31	24s23	1s 2	0s17	1n40	7s30	1n 8	20s17	1n41	16n36	0s24	8n34	1s37
F 2	21 54	27 13	3 53	22 38	0 37	24 24	1 5	0 30	1 41	7 34	1 8	20 18	1 41	16 35	0 24	8 33	1 37
S 3	22 3	26 55	4 37	22 57	0 44	24 24	1 7	0 43	1 41	7 38	1 8	20 19	1 41	16 34	0 24	8 33	1 37
S 4	22 11	25 2	5 3	23 15	0 50	24 23	1 9	0 56	1 41	7 41	1 8	20 20	1 41	16 34	0 24	8 33	1 37
M 5	22 19	21 53	5 13	23 31	0 56	24 22	1 11	1 8	1 42	7 45	1 9	20 21	1 41	16 33	0 24	8 32	1 37
T 6	22 26	17 47	5 8	23 47	1 2	24 20	1 13	1 21	1 42	7 49	1 9	20 22	1 41	16 33	0 24	8 32	1 37
W 7	22 33	13 2	4 48	24 1	1 8	24 17	1 15	1 34	1 43	7 52	1 9	20 23	1 41	16 32	0 24	8 32	1 37
T 8	22 39	7 53	4 15	24 14	1 14	24 13	1 17	1 46	1 43	7 56	1 9	20 24	1 41	16 31	0 24	8 32	1 37
F 9	22 45	2 31	3 32	24 26	1 19	24 9	1 19	1 59	1 43	7 59	1 9	20 25	1 41	16 31	0 24	8 31	1 37
S 10	22 51	2n54	2 41	24 36	1 24	24 4	1 21	2 11	1 44	8 3	1 9	20 26	1 41	16 30	0 24	8 31	1 37
S 11	22 56	8 13	1 42	24 45	1 30	23 58	1 22	2 24	1 44	8 6	1 10	20 27	1 41	16 30	0 24	8 31	1 37
M12	23 0	13 18	0 39	24 53	1 35	23 51	1 24	2 36	1 45	8 10	1 10	20 28	1 41	16 29	0 24	8 30	1 37
T 13	23 4	17 56	0n27	25 0	1 39	23 44	1 26	2 48	1 45	8 13	1 10	20 29	1 41	16 29	0 24	8 30	1 37
W14	23 8	21 54	1 32	25 5	1 44	23 36	1 27	3 0	1 45	8 16	1 10	20 30	1 41	16 28	0 24	8 30	1 37
T 15	23 11	24 57	2 34	25 9	1 48	23 28	1 29	3 13	1 46	8 20	1 10	20 31	1 41	16 28	0 24	8 30	1 37
F 16	23 14	26 48	3 29	25 11	1 52	23 18	1 31	3 25	1 46	8 23	1 10	20 32	1 41	16 27	0 24	8 30	1 37
S 17	23 16	27 14	4 15	25 12	1 56	23 8	1 32	3 37	1 47	8 26	1 11	20 33	1 41	16 27	0 24	8 29	1 37
S 18	23 18	26 9	4 48	25 12	1 59	22 57	1 33	3 49	1 47	8 29	1 11	20 34	1 41	16 26	0 24	8 29	1 37
M19	23 20	23 33	5 6	25 10	2 3	22 46	1 35	4 0	1 47	8 32	1 11	20 35	1 41	16 26	0 23	8 29	1 37
T 20	23 21	19 38	5 7	25 7	2 5	22 34	1 36	4 12	1 48	8 35	1 11	20 36	1 41	16 25	0 23	8 29	1 36
W21	23 21	14 37	4 50	25 3	2 8	22 21	1 37	4 24	1 48	8 38	1 11	20 37	1 41	16 25	0 23	8 29	1 36
T 22	23 21	8 49	4 17	24 57	2 10	22 8	1 38	4 36	1 49	8 41	1 11	20 37	1 41	16 25	0 23	8 28	1 36
F 23	23 21	2 32	3 27	24 50	2 12	21 54	1 40	4 47	1 49	8 44	1 12	20 38	1 41	16 24	0 23	8 28	1 36
S 24	23 20	3s56	2 25	24 41	2 14	21 39	1 41	4 59	1 49	8 47	1 12	20 39	1 41	16 24	0 23	8 28	1 36
S 25	23 18	10 15	1 14	24 31	2 15	21 23	1 42	5 10	1 50	8 50	1 12	20 40	1 41	16 23	0 23	8 28	1 36
M26	23 16	16 5	0s 2	24 20	2 15	21 7	1 42	5 22	1 50	8 52	1 12	20 41	1 41	16 23	0 23	8 28	1 36
T 27	23 14	21 1	1 18	24 7	2 16	20 51	1 43	5 33	1 51	8 55	1 12	20 42	1 41	16 23	0 23	8 28	1 36
W28	23 11	24 42	2 29	23 53	2 15	20 34	1 44	5 44	1 51	8 58	1 13	20 42	1 41	16 22	0 23	8 28	1 36
T 29	23 8	26 49	3 30	23 37	2 15	20 16	1 45	5 55	1 51	9 0	1 13	20 43	1 41	16 22	0 23	8 28	1 36
F 30	23 4	27 11	4 17	23 20	2 13	19 58	1 45	6 6	1 52	9 3	1 13	20 44	1 41	16 22	0 23	8 28	1 36
S 31	23s 0	25s54	4s49	23s 2	2s12	19s39	1s46	6s17	1n52	9s 5	1n13	20s45	1n41	16n21	0s23	8n28	1s36

Julian Day Number = 2704627.5, Delta T = 26m42s

Ecliptic obliquity = 23°21'04, Nutation = - 0°00'13

Ayanamsha: Fagan/Bradley = 34°26'02, Lahiri = 33°33'02

## ASTRODIENST EPHEMERIS for the year 2693

JANUARY 2693

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 44 34	10°34'23	7°43	27°28	10°14	21°6	26°44	14°16	16°R32	25°R51	26°R15	13°R 6	11°R50	20°Y40	0°4	S 1
M 2	6 48 31	11°42'28	20°42	28°56	11°28	21°36	26°51	14°23	16°R31	25°Y51	26°R14	12°R56	11°46	20°47	0°10	M 2
T 3	6 52 27	12°43'34	3°21	0°22	12°42	22° 6	26°58	14°29	16°R30	25°Y51	26°R13	12°48	11°43	20°53	0°15	T 3
W 4	6 56 24	13°44'39	15°41	1°47	13°56	22°35	27° 5	14°36	16°29	25°Y51	26°R12	12°41	11°40	21° 0	0°21	W 4
T 5	7 0 20	14°45'45	27°46	3°10	15°10	23° 5	27°11	14°43	16°28	25°Y51	26°R11	12°37	11°37	21° 7	0°26	T 5
F 6	7 4 17	15°46'51	9°Y41	4°31	16°25	23°34	27°18	14°49	16°27	25°D51	26°R10	12°35	11°34	21°13	0°32	F 6
S 7	7 8 13	16°47'57	21°29	5°49	17°39	24° 3	27°24	14°56	16°26	25°Y51	26° 9	12°D35	11°31	21°20	0°38	S 7
S 8	7 12 10	17°49'03	3°R18	7° 4	18°53	24°32	27°31	15° 2	16°25	25°Y51	26° 8	12°36	11°27	21°27	0°43	S 8
M 9	7 16 7	18°50'09	15°12	8°15	20° 7	25° 1	27°37	15° 8	16°24	25°Y51	26° 7	12°R36	11°24	21°33	0°49	M 9
T 10	7 20 3	19°51'15	27°16	9°22	21°21	25°29	27°43	15°15	16°24	25°Y51	26° 6	12°35	11°21	21°40	0°54	T 10
W 11	7 24 0	20°52'21	9°R36	10°24	22°35	25°57	27°48	15°21	16°23	25°Y51	26° 4	12°32	11°18	21°47	1° 0	W 11
T 12	7 27 56	21°53'27	22°14	11°20	23°49	26°26	27°54	15°27	16°22	25°Y52	26° 3	12°26	11°15	21°53	1° 5	T 12
F 13	7 31 53	22°54'33	5°R12	12°10	25° 3	26°54	28° 0	15°33	16°22	25°Y52	26° 2	12°17	11°12	22° 0	1°11	F 13
S 14	7 35 49	23°55'39	18°30	12°52	26°17	27°21	28° 5	15°40	16°21	25°Y52	26° 1	12° 6	11° 8	22° 6	1°17	S 14
S 15	7 39 46	24°56'45	2°R 7	13°26	27°31	27°49	28°10	15°46	16°21	25°Y52	26° 0	11°54	11° 5	22°13	1°22	S 15
M 16	7 43 42	25°57'50	16° 0	13°51	28°44	28°16	28°15	15°52	16°20	25°Y53	25°59	11°42	11° 2	22°20	1°28	M 16
T 17	7 47 39	26°58'56	0°R 3	14° 6	29°58	28°44	28°20	15°58	16°20	25°Y53	25°58	11°31	10°59	22°26	1°34	T 17
W 18	7 51 36	28° 0'02	14°13	14°R 9	1°R12	29°11	28°25	16° 4	16°20	25°Y54	25°56	11°22	10°56	22°33	1°39	W 18
T 19	7 55 32	29° 1'08	28°25	14° 2	2°26	29°37	28°29	16°10	16°19	25°Y54	25°55	11°16	10°52	22°40	1°45	T 19
F 20	7 59 29	0°2'15	12°R35	13°42	3°39	0°R 4	28°34	16°15	16°19	25°Y54	25°54	11°13	10°49	22°46	1°51	F 20
S 21	8 3 25	1° 3'21	26°43	13°11	4°53	0°30	28°38	16°21	16°19	25°Y55	25°53	11°D12	10°46	22°53	1°56	S 21
S 22	8 7 22	2° 4'27	10°R46	12°28	6° 6	0°56	28°42	16°27	16°19	25°Y56	25°51	11°R12	10°43	23° 0	2° 2	S 22
M 23	8 11 18	3° 5'34	24°44	11°35	7°20	1°22	28°46	16°33	16°19	25°Y56	25°50	11°12	10°40	23° 6	2° 8	M 23
T 24	8 15 15	4° 6'40	8°R37	10°33	8°33	1°48	28°49	16°38	16°D19	25°Y57	25°49	11° 9	10°37	23°13	2°13	T 24
W 25	8 19 11	5° 7'47	22°25	9°23	9°47	2°13	28°53	16°44	16°19	25°Y57	25°47	11° 4	10°33	23°20	2°19	W 25
T 26	8 23 8	6° 8'53	6°R 4	8° 7	11° 0	2°38	28°56	16°49	16°19	25°Y58	25°46	10°56	10°30	23°26	2°24	T 26
F 27	8 27 5	7°10'00	19°34	6°49	12°13	3° 3	28°59	16°55	16°19	25°Y59	25°45	10°45	10°27	23°33	2°30	F 27
S 28	8 31 1	8°11'05	2°R52	5°31	13°27	3°28	29° 2	17° 0	16°19	26° 0	25°43	10°32	10°24	23°40	2°36	S 28
S 29	8 34 58	9°12'11	15°56	4°14	14°40	3°52	29° 5	17° 5	16°19	26° 0	25°42	10°18	10°21	23°46	2°41	S 29
M 30	8 38 54	10°13'15	28°44	3° 1	15°53	4°16	29° 8	17°11	16°20	26° 1	25°41	10° 5	10°18	23°53	2°47	M 30
T 31	8 42 51	11°14'19	11°R15	1°R55	17°R 6	4°R40	29°10	17°R16	16°R20	26°Y 2	25°R39	9°R53	10°R14	24°Y 0	2°R53	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	22s55	23s 9	5s 3	22s42	2s 9	19s19	1s46	6s28	1n53	9s 8	1n13	20s45	1n41	16n21	0s23	S 1
M 2	22 50	19 18	5 2	22 21	2 6	18 59	1 47	6 39	1 53	9 10	1 14	20 46	1 41	16 21	0 23	M 2
T 3	22 45	14 40	4 46	21 59	2 2	18 39	1 47	6 49	1 53	9 12	1 14	20 47	1 41	16 20	0 23	T 3
W 4	22 39	9 33	4 16	21 36	1 58	18 18	1 47	7 0	1 54	9 15	1 14	20 48	1 41	16 20	0 23	W 4
T 5	22 32	4 11	3 36	21 12	1 52	17 56	1 47	7 10	1 54	9 17	1 14	20 48	1 41	16 20	0 23	T 5
F 6	22 25	1n16	2 46	20 47	1 46	17 34	1 47	7 20	1 55	9 19	1 14	20 49	1 41	16 20	0 23	F 6
S 7	22 18	6 38	1 50	20 21	1 39	17 11	1 47	7 31	1 55	9 21	1 15	20 50	1 41	16 19	0 23	S 7
S 8	22 10	11 48	0 49	19 55	1 31	16 48	1 47	7 41	1 55	9 23	1 15	20 50	1 41	16 19	0 23	S 8
M 9	22 2 16	33 3	0n14	19 28	1 23	16 25	1 47	7 51	1 56	9 25	1 15	20 51	1 41	16 19	0 23	M 9
T 10	21 53	20 44	1 17	19 1	1 13	16 1	1 47	8 1	1 56	9 27	1 15	20 52	1 41	16 19	0 23	T 10
W 11	21 44	24 5	2 18	18 34	1 2	15 37	1 46	8 11	1 57	9 29	1 16	20 52	1 41	16 19	0 23	W 11
T 12	21 35	26 21	3 14	18 7	0 50	15 12	1 46	8 21	1 57	9 31	1 16	20 53	1 41	16 18	0 23	T 12
F 13	21 25	27 16	4 1	17 41	0 37	14 47	1 45	8 30	1 57	9 32	1 16	20 54	1 41	16 18	0 23	F 13
S 14	21 14	26 38	4 36	17 15	0 23	14 21	1 45	8 40	1 58	9 34	1 16	20 54	1 41	16 18	0 23	S 14
S 15	21 4 24	26 4	4 57	16 51	0 8	13 55	1 44	8 49	1 58	9 36	1 16	20 55	1 41	16 18	0 23	S 15
M 16	20 53	20 45	5 0	16 28	0n 9	13 29	1 43	8 58	1 59	9 37	1 17	20 55	1 42	16 18	0 23	M 16
T 17	20 41	15 52	4 46	16 8	0 26	13 2	1 42	9 8	1 59	9 39	1 17	20 56	1 42	16 18	0 23	T 17
W 18	20 29	10 5	4 14	15 50	0 43	12 35	1 42	9 17	1 59	9 40	1 17	20 56	1 42	16 18	0 23	W 18
T 19	20 17	3 47	3 26	15 34	1 2	12 8	1 40	9 26	2 0	9 41	1 17	20 57	1 42	16 18	0 23	T 19
F 20	20 4 2s44	2 25	15 22	1 21	11 41	1 39	9 35	2 0	9 43	1 18	20 57	1 42	16 18	0 23	8 30	F 20
S 21	19 51	9 5	1 16	15 13	1 39	11 13	1 38	9 43	2 0	9 44	1 18	20 58	1 42	16 18	0 23	S 21
S 22	19 38	14 58	0 2	15 7	1 58	10 44	1 37	9 52	2 1	9 45	1 18	20 58	1 42	16 18	0 23	S 22
M 23	19 24	20 2	1s11	15 4	2 16	10 16	1 36	10 1	2 1	9 46	1 18	20 59	1 42	16 18	0 23	M 23
T 24	19 9 23	57 2	2 20	15 5	2 32	9 47	1 34	10 9	2 2	9 47	1 19	20 59	1 42	16 18	0 23	T 24
W 25	18 55	26 27	3 19	15 9	2 47	9 18	1 33	10 17	2 2	9 48	1 19	21 0	1 42	16 18	0 23	W 25
T 26	18 40	27 19	4 7	15 16	3 0	8 49	1 31	10 26	2 2	9 49	1 19	21 0	1 42	16 18	0 23	T 26
F 27	18 25	26 33	4 40	15 25	3 11	8 20	1 29	10 34	2 3	9 50	1 19	21 1	1 42	16 18	0 22	F 27
S 28	18 9 24	16 4	4 57	15 36	3 19	7 50	1 27	10 42	2 3	9 51	1 19	21 1	1 42	16 18	0 22	S 28
S 29	17 53	20 45	4 58	15 48	3 25	7 20	1 26	10 49	2 3	9 52	1 20	21 2	1 42	16 18	0 22	S 29
M 30	17 37	16 19	4 44	16 2	3 29	6 50	1 24	10 57	2 4	9 53	1 20	21 2	1 42	16 18	0 22	M 30
T 31	17s20	11s16	4s17	16s16	3n29	6s20	1s22	11s 5	2n 4	9s53	1n20	21s 3	1n43	16n18	0s22	T 31

Julian Day Number = 2704658.5, Delta T = 26m43s

Ecliptic obliquity = 23°21'04, Nutation = - 0°00'11

Ayanamsha: Fagan/Bradley = 34°26'06, Lahiri = 33°33'06

## ASTRODIENST EPHEMERIS for the year 2693

FEBRUARY 2693

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 46 47	12°15'22	23°32'	0°R55	18°19'	5°M 3	29°12'	17°21'	16°20'	26°V 3	25°R38	9°R43	10°R11	24°V 6	2°58'	W 1
T 2	8 50 44	13°16'25	5°V35	0°R55	19°32'	5°27	29°14'	17°26'	16°21'	26°4	25°R37	9°R36	10°8	24°13'	3°4	T 2
F 3	8 54 40	14°17'26	17°28'	29°32'	20°45'	5°50	29°16'	17°31'	16°21'	26°5	25°35	9°32	10°5	24°20'	3°9	F 3
S 4	8 58 37	15°18'27	29°16'	28°49'	21°58'	6°12	29°18'	17°36'	16°22'	26°6	25°34	9°31	10°2	24°26'	3°15	S 4
S 5	9 2 34	16°19'26	11°R 3	28°25'	23°11'	6°34	29°19'	17°41'	16°22'	26°7	25°32	9°30	9°58	24°33'	3°20	S 5
M 6	9 6 30	17°20'25	22°56'	28°10'	24°23'	6°56	29°21'	17°45'	16°23'	26°8	25°31	9°30	9°55	24°39'	3°26	M 6
T 7	9 10 27	18°21'22	5°II 0	28°D 4	25°36'	7°18	29°22'	17°50'	16°24'	26°9	25°30	9°29	9°52	24°46'	3°31	T 7
W 8	9 14 23	19°22'19	17°20'	28°5	26°48'	7°39	29°23'	17°55'	16°25'	26°10	25°28	9°26	9°49	24°53'	3°37	W 8
T 9	9 18 20	20°23'14	0°R 1	28°15'	28°1	8°0	29°23'	17°59'	16°25'	26°11	25°27	9°21	9°46	24°59'	3°42	T 9
F 10	9 22 16	21°24'09	13°5	28°31'	29°13'	8°21	29°24'	18°4	16°26'	26°12	25°25	9°13	9°43	25°6	3°48	F 10
S 11	9 26 13	22°25'02	26°36'	28°53'	0°V26	8°41	29°24'	18°8	16°27'	26°14	25°24	9°2	9°39	25°13'	3°53	S 11
S 12	9 30 9	23°25'54	10°R30	29°21'	1°38	9°1	29°R24	18°12'	16°28'	26°15	25°23	8°50	9°36	25°19'	3°59	S 12
M13	9 34 6	24°26'45	24°46'	29°55'	2°50	9°21	29°24'	18°17'	16°29'	26°16	25°21	8°38	9°33	25°26'	4°4	M13
T 14	9 38 3	25°27'35	9°II 16	0°R34	4°2	9°40	29°24'	18°21'	16°30'	26°17	25°20	8°27	9°30	25°33'	4°9	T 14
W15	9 41 59	26°28'23	23°53'	1°17	5°14	9°59	29°24'	18°25'	16°31'	26°19	25°18	8°19	9°27	25°39'	4°15	W15
T 16	9 45 56	27°29'11	8°R32	2°4	6°26	10°17	29°23'	18°29'	16°33'	26°20	25°17	8°13	9°24	25°46'	4°20	T 16
F 17	9 49 52	28°29'58	23°4	2°55	7°37	10°35	29°22'	18°33'	16°34'	26°21	25°15	8°10	9°20	25°53'	4°25	F 17
S 18	9 53 49	29°30'44	7°II 27	3°49	8°49	10°53	29°21'	18°36'	16°35'	26°23	25°14	8°D 9	9°17	25°59'	4°31	S 18
S 19	9 57 45	0°R31'29	21°37'	4°46	10°1	11°10	29°20'	18°40'	16°36'	26°24	25°13	8°9	9°14	26°6	4°36	S 19
M20	10 1 42	1°32'14	5°R33	5°47	11°12	11°27	29°19'	18°44'	16°38'	26°26	25°11	8°R10	9°11	26°13'	4°41	M20
T 21	10 5 38	2°32'57	19°16'	6°50	12°23	11°43	29°17'	18°47'	16°39'	26°27	25°10	8°8	9°8	26°19'	4°46	T 21
W22	10 9 35	3°33'40	2°R34	7°55	13°35	11°59	29°16'	18°51'	16°41'	26°29	25°8	8°5	9°4	26°26'	4°51	W22
T 23	10 13 32	4°34'21	16°4	9°2	14°46	12°14	29°14'	18°54'	16°42'	26°30	25°7	7°58	9°1	26°33'	4°56	T 23
F 24	10 17 28	5°35'02	29°10	10°12	15°57	12°29	29°12'	18°57'	16°44'	26°32	25°5	7°50	8°58	26°39'	5°1	F 24
S 25	10 21 25	6°35'41	12°R 5	11°24	17°8	12°44	29°9	19°1	16°45	26°33	25°4	7°39	8°55	26°46'	5°6	S 25
S 26	10 25 21	7°36'19	24°47'	12°37	18°19	12°57	29°7	19°4	16°47	26°35	25°3	7°27	8°52	26°52'	5°11	S 26
M27	10 29 18	8°36'55	7°R18	13°52	19°29	13°11	29°4	19°7	16°49	26°37	25°1	7°16	8°49	26°59'	5°16	M27
T 28	10 33 14	9°R37'30	19°R37	15°R 9	20°V40	13°II 24	29°1	19°R10	16°R50	26°V38	25°R 0	7°R 6	8°R45	27°V 6	5°R21	T 28

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	17s 4	5s54	3s38	16s30	3n28	5s49	1s20	11s12	2n 5	9s54	1n20	21s 3	1n43	16n18	0s22	8n33
T 2	16 46	0 23	2 49	16 44	3 24	5 19	1 17	11 19	2 5	9 54	1 21	21 3	1 43	16 19	0 22	8 34
F 3	16 29	5n 5	1 54	16 58	3 19	4 48	1 15	11 27	2 5	9 55	1 21	21 4	1 43	16 19	0 22	8 34
S 4	16 11	10 20	0 54	17 11	3 12	4 17	1 13	11 34	2 6	9 55	1 21	21 4	1 43	16 19	0 22	8 35
S 5	15 53	15 13	0n 8	17 23	3 4	3 47	1 10	11 41	2 6	9 55	1 21	21 4	1 43	16 19	0 22	8 35
M 6	15 35	19 35	1 11	17 35	2 55	3 16	1 8	11 47	2 6	9 56	1 22	21 5	1 43	16 19	0 22	8 35
T 7	15 16	23 12	2 11	17 46	2 46	2 45	1 5	11 54	2 7	9 56	1 22	21 5	1 43	16 20	0 22	8 36
W 8	14 57	25 50	3 6	17 56	2 35	2 13	1 3	12 1	2 7	9 56	1 22	21 5	1 43	16 20	0 22	8 36
T 9	14 38	27 15	3 54	18 5	2 24	1 42	1 0	12 7	2 7	9 56	1 22	21 6	1 43	16 20	0 22	8 37
F 10	14 19	27 12	4 31	18 13	2 13	1 11	0 57	12 13	2 8	9 56	1 23	21 6	1 43	16 20	0 22	8 37
S 11	13 59	25 34	4 54	18 19	2 2	0 40	0 54	12 19	2 8	9 56	1 23	21 6	1 44	16 21	0 22	8 38
S 12	13 40	22 22	5 1	18 25	1 50	0 8	0 51	12 25	2 8	9 56	1 23	21 7	1 44	16 21	0 22	8 38
M13	13 20	17 46	4 50	18 29	1 39	0n23	0 48	12 31	2 9	9 55	1 23	21 7	1 44	16 21	0 22	8 39
T 14	12 59	12 4	4 19	18 32	1 28	0 54	0 45	12 37	2 9	9 55	1 24	21 7	1 44	16 22	0 22	8 39
W15	12 39	5 40	3 32	18 33	1 16	1 26	0 42	12 42	2 9	9 55	1 24	21 7	1 44	16 22	0 22	8 40
T 16	12 18	1s 4	2 30	18 34	1 5	1 57	0 39	12 48	2 10	9 54	1 24	21 8	1 44	16 22	0 22	8 40
F 17	11 57	7 42	1 19	18 33	0 54	2 28	0 35	12 53	2 10	9 54	1 24	21 8	1 44	16 23	0 22	8 41
S 18	11 36	13 53	0 4	18 31	0 44	2 59	0 32	12 58	2 10	9 53	1 25	21 8	1 44	16 23	0 22	8 41
S 19	11 15	19 15	1s11	18 28	0 33	3 31	0 29	13 3	2 10	9 52	1 25	21 8	1 44	16 23	0 22	8 42
M20	10 53	23 27	2 20	18 23	0 23	4 2	0 25	13 8	2 11	9 52	1 25	21 8	1 45	16 24	0 22	8 42
T 21	10 32	26 15	3 20	18 17	0 13	4 33	0 22	13 13	2 11	9 51	1 25	21 9	1 45	16 24	0 22	8 43
W22	10 10	27 28	4 8	18 10	0 3	5 4	0 18	13 18	2 11	9 50	1 26	21 9	1 45	16 25	0 22	8 44
T 23	9 48	27 3	4 42	18 2	0s 6	5 35	0 14	13 22	2 11	9 49	1 26	21 9	1 45	16 25	0 22	8 44
F 24	9 26	25 8	5 0	17 52	0 15	6 5	0 11	13 26	2 12	9 48	1 26	21 9	1 45	16 26	0 22	8 45
S 25	9 4	21 57	5 3	17 41	0 24	6 36	0 7	13 30	2 12	9 47	1 26	21 9	1 45	16 26	0 22	8 45
S 26	8 41	17 46	4 50	17 29	0 33	7 6	0 3	13 34	2 12	9 46	1 26	21 9	1 45	16 27	0 22	8 46
M27	8 19	12 52	4 24	17 16	0 41	7 37	0n 1	13 38	2 12	9 45	1 27	21 9	1 45	16 27	0 22	8 47
T 28	7s56	7s33	3s45	17s 1	0s49	8n 7	0n 5	13s42	2n12	9s44	1n27	21s10	1n45	16n28	0s22	8n47

Julian Day Number = 2704689.5, Delta T = 26m43s

Ecliptic obliquity = 23°21'05, Nutation = - 0°00'09

Ayanamsha: Fagan/Bradley = 34°26'11, Lahiri = 33°33'11



## ASTRODIENST EPHEMERIS for the year 2693

APRIL 2693

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 39 24	11°40'46	15°48	6°36	26°52	14°R44	26°R 9	19°R51	18°8 7	27°Y42	24°R23	5°B40	7°B 4	0°B38	7°B34	S 1
S 2	12 43 21	12°40'22	27°37	8°31	27°56	14°M35	26°B 2	19°X51	18°10	27°44	24°Q22	5°41	7° 1	0°45	7°37	S 2
M 3	12 47 17	13°39'56	9°II30	10°28	29° 0	14°24	25°54	19°51	18°13	27°46	24°21	5°43	6°57	0°52	7°40	M 3
T 4	12 51 14	14°39'28	21°33	12°26	0°II 4	14°13	25°47	19°50	18°16	27°48	24°20	5°44	6°54	0°58	7°43	T 4
W 5	12 55 10	15°38'58	3°B49	14°25	1° 7	14° 2	25°39	19°49	18°19	27°51	24°19	5°45	6°51	1° 5	7°46	W 5
T 6	12 59 7	16°38'26	16°24	16°25	2°10	13°49	25°32	19°49	18°22	27°53	24°18	5°R46	6°48	1°12	7°49	T 6
F 7	13 3 3	17°37'51	29°21	18°26	3°13	13°36	25°24	19°48	18°25	27°55	24°18	5°45	6°45	1°18	7°52	F 7
S 8	13 7 0	18°37'14	12°Q43	20°28	4°15	13°22	25°17	19°47	18°28	27°57	24°17	5°44	6°41	1°25	7°55	S 8
S 9	13 10 56	19°36'35	26°34	22°30	5°17	13° 7	25° 9	19°46	18°31	27°59	24°16	5°42	6°38	1°32	7°58	S 9
M10	13 14 53	20°35'53	10°P52	24°33	6°19	12°52	25° 1	19°45	18°34	28° 2	24°15	5°40	6°35	1°38	8° 0	M10
T 11	13 18 50	21°35'09	25°34	26°36	7°21	12°36	24°54	19°43	18°37	28° 4	24°15	5°39	6°32	1°45	8° 3	T 11
W12	13 22 46	22°34'23	10°B35	28°40	8°22	12°19	24°46	19°42	18°40	28° 6	24°14	5°37	6°29	1°51	8° 6	W12
T 13	13 26 43	23°33'35	25°47	0°B43	9°22	12° 2	24°38	19°41	18°44	28° 9	24°14	5°36	6°26	1°58	8° 8	T 13
F 14	13 30 39	24°32'45	10°M59	2°46	10°22	11°44	24°31	19°39	18°47	28°11	24°13	5°D36	6°22	2° 5	8°10	F 14
S 15	13 34 36	25°31'53	26° 3	4°48	11°22	11°26	24°23	19°37	18°50	28°13	24°12	5°37	6°19	2°11	8°13	S 15
S 16	13 38 32	26°30'59	10°X49	6°49	12°22	11° 7	24°15	19°36	18°53	28°15	24°12	5°38	6°16	2°18	8°15	S 16
M17	13 42 29	27°30'04	25°14	8°48	13°20	10°47	24° 7	19°34	18°57	28°18	24°11	5°38	6°13	2°25	8°17	M17
T 18	13 46 25	28°29'06	9°B31	10°46	14°19	10°27	24° 0	19°32	19° 0	28°20	24°11	5°39	6°10	2°31	8°19	T 18
W19	13 50 22	29°28'08	22°46	12°42	15°17	10° 7	23°52	19°30	19° 3	28°22	24°10	5°39	6° 7	2°38	8°21	W19
T 20	13 54 19	0°B27'07	5°B55	14°35	16°15	9°46	23°44	19°28	19° 6	28°24	24°10	5°R39	6° 3	2°45	8°23	T 20
F 21	13 58 15	1°26'04	18°43	16°25	17°12	9°25	23°37	19°26	19°10	28°27	24° 9	5°39	6° 0	2°51	8°25	F 21
S 22	14 2 12	2°25'00	1°X12	18°12	18° 8	9° 3	23°29	19°23	19°13	28°29	24° 9	5°39	5°57	2°58	8°27	S 22
S 23	14 6 8	3°23'54	13°26	19°56	19° 4	8°41	23°22	19°21	19°16	28°31	24° 9	5°38	5°54	3° 5	8°29	S 23
M24	14 10 5	4°22'47	25°29	21°36	20° 0	8°19	23°14	19°19	19°20	28°33	24° 8	5°38	5°51	3°11	8°30	M24
T 25	14 14 1	5°21'37	7°Y24	23°11	20°55	7°56	23° 7	19°16	19°23	28°36	24° 8	5°D38	5°47	3°18	8°32	T 25
W26	14 17 58	6°20'26	19°14	24°43	21°49	7°34	22°59	19°14	19°27	28°38	24° 8	5°38	5°44	3°25	8°34	W26
T 27	14 21 54	7°19'12	1°B 1	26° 9	22°43	7°11	22°52	19°11	19°30	28°40	24° 8	5°R38	5°41	3°31	8°35	T 27
F 28	14 25 51	8°17'57	12°48	27°31	23°36	6°48	22°45	19° 8	19°33	28°42	24° 7	5°38	5°38	3°38	8°36	F 28
S 29	14 29 48	9°16'40	24°37	28°48	24°28	6°25	22°38	19° 5	19°37	28°45	24° 7	5°38	5°35	3°44	8°38	S 29
S 30	14 33 44	10°B15'21	6°II31	0°II 0	25°II20	6°M 2	22°B30	19°X 2	19°B40	28°Y47	24°Q 7	5°B38	5°B32	3°B51	8°B39	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	4n36	17n24	0n56	1n 0	1s45	21n42	2n22	14s11	2n 7	8s38	1n32	21s 9	1n49	16n50	0s21	9n11	1s32	20n41	7n47	13n22	13n49	11n 7	11s52	6n40			
S 2	4 59	21 28	1 58	1 51	1 39	22 1	2 27	14 9	2 6	8 35	1 32	21 9	1 50	16 50	0 21	9 11	1 32	20 41	7 47	13 22	13 48	11 10	11 50	6 40			
M 3	5 22	24 42	2 56	2 42	1 33	22 19	2 31	14 7	2 5	8 33	1 32	21 8	1 50	16 51	0 21	9 12	1 32	20 41	7 47	13 23	13 47	11 13	11 49	6 41			
T 4	5 45	26 52	3 47	3 34	1 26	22 37	2 35	14 4	2 4	8 30	1 32	21 8	1 50	16 52	0 21	9 13	1 32	20 41	7 47	13 23	13 46	11 16	11 48	6 41			
W 5	6 8	27 46	4 29	4 27	1 19	22 54	2 39	14 2	2 3	8 27	1 32	21 8	1 50	16 53	0 21	9 14	1 32	20 41	7 47	13 24	13 45	11 19	11 47	6 42			
T 6	6 31	27 17	4 59	5 20	1 11	23 11	2 43	13 59	2 2	8 24	1 32	21 8	1 50	16 54	0 21	9 15	1 32	20 41	7 46	13 24	13 44	11 22	11 46	6 42			
F 7	6 54	25 20	5 14	6 14	1 3	23 28	2 47	13 56	2 1	8 22	1 32	21 8	1 50	16 55	0 21	9 15	1 32	20 42	7 46	13 24	13 43	11 26	11 44	6 43			
S 8	7 16	21 57	5 14	7 7	0 55	23 43	2 51	13 53	2 0	8 19	1 32	21 8	1 50	16 56	0 21	9 16	1 32	20 42	7 46	13 23	13 42	11 29	11 43	6 43			
S 9	7 39	17 15	4 56	8 1	0 45	23 59	2 55	13 50	1 59	8 16	1 32	21 7	1 50	16 56	0 21	9 17	1 32	20 42	7 46	13 23	13 41	11 32	11 42	6 44			
M10	8 1	11 27	4 19	8 55	0 36	24 13	2 59	13 46	1 58	8 13	1 32	21 7	1 50	16 57	0 21	9 18	1 32	20 42	7 46	13 22	13 40	11 35	11 41	6 44			
T 11	8 23	4 53	3 24	9 49	0 26	24 28	3 3	13 43	1 57	8 10	1 32	21 7	1 51	16 58	0 21	9 19	1 32	20 42	7 46	13 21	13 39	11 38	11 40	6 45			
W12	8 45	2s 7	2 14	10 43	0 16	24 41	3 7	13 39	1 55	8 8	1 32	21 7	1 51	16 59	0 21	9 19	1 32	20 42	7 46	13 21	13 38	11 41	11 39	6 45			
T 13	9 7	9 5	0 54	11 36	0 5	24 55	3 10	13 35	1 54	8 5	1 32	21 7	1 51	17 0	0 21	9 20	1 32	20 42	7 46	13 21	13 37	11 44	11 38	6 46			
F 14	9 29	15 32	0s30	12 29	0n 6	25 7	3 14	13 31	1 53	8 2	1 32	21 6	1 51	17 1	0 21	9 21	1 32	20 43	7 46	13 21	13 36	11 47	11 37	6 46			
S 15	9 50	21 0	1 51	13 21	0 17	25 19	3 17	13 27	1 51	7 59	1 32	21 6	1 51	17 2	0 21	9 22	1 32	20 43	7 45	13 21	13 35	11 50	11 35	6 47			
S 16	10 12	25 1	3 3	14 11	0 28	25 31	3 21	13 22	1 50	7 56	1 32	21 6	1 51	17 3	0 21	9 23	1 32	20 43	7 45	13 21	13 34	11 54	11 34	6 47			
M17	10 33	27 18	4 2	15 1	0 40	25 42	3 24	13 18	1 48	7 54	1 32	21 6	1 51	17 4	0 21	9 23	1 32	20 43	7 45	13 21	13 33	11 57	11 33	6 48			
T 18	10 54	27 46	4 45	15 49	0 51	25 52	3 27	13 13	1 46	7 51	1 32	21 5	1 51	17 4	0 21	9 24	1 32	20 43	7 45	13 21	13 32	12 0	11 32	6 48			
W19	11 15	26 32	5 10	16 35	1 2	26 2	3 31	13 8	1 45	7 48	1 32	21 5	1 51	17 5	0 21	9 25	1 32	20 43	7 45	13 21	13 31	12 3	11 31	6 49			
T 20	11 35	23 51	5 18	17 19	1 13	26 11	3 34	13 4	1 43	7 45	1 32	21 5	1 51	17 6	0 21	9 26	1 32	20 43	7 45	13 21	13 29	12 6	11 30	6 49			
F 21	11 56	20 4	5 10	18 2	1 24	26 20	3 37	12 59	1 41	7 42	1 32	21 5	1 52	17 7	0 21	9 27	1 32	20 43	7 45	13 21	13 28	12 9	11 29	6 50			
S 22	12 16	15 29	4 47	18 42	1 35	26 28	3 40	12 54	1 39	7 40	1 32	21 4	1 52	17 8	0 21	9 27	1 32	20 43	7 45	13 21	13 27	12 12	11 28	6 50			
S 23	12 36	10 21	4 11	19 20	1 45	26 36	3 42	12 48	1 37	7 37	1 32	21 4	1 52	17 9	0 21	9 28	1 32	20 43	7 44	13 21	13 26	12 15	11 28	6 51			
M24	12 56	4 56	3 25	19 56	1 54	26 43	3 45	12 43	1 35	7 34	1 32	21 4	1 52	17 10	0 21	9 29	1 32	20 43	7 44	13 21	13 25	12 18	11 27	6 51			
T 25	13 16	0n37	2 31	20 29	2 3	26 49	3 48	12 38	1 33	7 32	1 32	21 4	1 52	17 11	0 21	9 30	1 32	20 43	7 44	13 21	13 24	12 21	11 26	6 52			
W26	13 35	6 7	1 30	21 0	2 11	26 56	3 50	12 33	1 31	7 29	1 32	21 3	1 52	17 12	0 21	9 31	1 32	20 43	7 44	13 21	13 23	12 25	11 25	6 52			
T 27	13 54	11 23	0 26	21 28	2 19	27 1	3 52	12 27	1 29	7 26	1 32	21 3	1 52	17 13	0 21	9 31	1 32	20 43	7 44	13 21	13 22	12 28	11 24	6 53			
F 28	14 13	16 15	0n40	21 54	2 25	27 6	3 54	12 22	1 27	7 24	1 32	21 3	1 52	17 14	0 21	9 32	1 32	20 43	7 44	13 21	13 21	12 31	11 23	6 53			
S 29	14 32	20 32	1 44	22 17	2 31	27 10	3 56	12 17	1 25	7 21	1 31	21 2	1 52	17 15	0 21	9 33	1 32	20 43	7 44	13 21	13 20	12 34	11 22	6 54			
S 30	14n50	24n 0	2n43	22n37	2n36	27n14	3n58	12s11	1n22	7s19	1n31	21s 2	1n52	17n15	0s21	9n34	1s32	20n43	7n44	13n21	13n19	12n37	11s21	6n54			

# ASTRODIENST EPHEMERIS for the year 2693

MAY 2693

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 37 41	11♈14°00	18♊31	1♊7	26♊11	5°R39	22°R23	18°R59	19♈44	28°V49	24°R 7	5°R37	5♈28	3♈58	8♈40	M 1
T 2	14 41 37	12°12'38	0♈40	2° 9	27° 2	5♊17	22♈16	18♈56	19°47	28°51	24°R 7	5♈36	5°25	4° 4	8°41	T 2
W 3	14 45 34	13°11'12	13° 1	3° 5	27°51	4°54	22°10	18°53	19°50	28°54	24° 7	5°35	5°22	4°11	8°42	W 3
T 4	14 49 30	14° 9'45	25°38	3°55	28°40	4°32	22° 3	18°50	19°54	28°56	24° 7	5°34	5°19	4°18	8°43	T 4
F 5	14 53 27	15° 8'16	8♊34	4°40	29°28	4° 9	21°56	18°47	19°57	28°58	24° 7	5°34	5°16	4°24	8°44	F 5
S 6	14 57 23	16° 6'44	21°50	5°20	0♈15	3°47	21°50	18°43	20° 1	29° 0	24°D 7	5°D34	5°13	4°31	8°44	S 6
S 7	15 1 20	17° 5'11	5♊31	5°54	1° 2	3°26	21°43	18°40	20° 4	29° 2	24° 7	5°34	5° 9	4°38	8°45	S 7
M 8	15 5 17	18° 3'35	19°36	6°22	1°47	3° 5	21°37	18°36	20° 8	29° 5	24° 7	5°35	5° 6	4°44	8°46	M 8
T 9	15 9 13	19° 1'57	4♊4	6°44	2°31	2°44	21°31	18°33	20°11	29° 7	24° 7	5°36	5° 3	4°51	8°46	T 9
W10	15 13 10	20° 0'17	18°53	7° 1	3°15	2°23	21°25	18°29	20°15	29° 9	24° 7	5°37	5° 0	4°58	8°47	W10
T 11	15 17 6	20°58'35	3♊56	7°12	3°57	2° 3	21°19	18°26	20°18	29°11	24° 7	5°R38	4°57	5° 4	8°47	T 11
F 12	15 21 3	21°56'51	19° 6	7°18	4°39	1°44	21°13	18°22	20°22	29°13	24° 7	5°37	4°53	5°11	8°47	F 12
S 13	15 24 59	22°55'06	4♊14	7°R18	5°19	1°25	21° 7	18°18	20°25	29°15	24° 7	5°36	4°50	5°17	8°47	S 13
S 14	15 28 56	23°53'19	19° 9	7°13	5°58	1° 7	21° 2	18°14	20°28	29°17	24° 7	5°34	4°47	5°24	8°47	S 14
M15	15 32 52	24°51'30	3♊45	7° 3	6°36	0°49	20°56	18°11	20°32	29°20	24° 8	5°32	4°44	5°31	8°R48	M15
T 16	15 36 49	25°49'40	17°55	6°48	7°13	0°32	20°51	18° 7	20°35	29°22	24° 8	5°29	4°41	5°37	8°47	T 16
W17	15 40 46	26°47'48	1♈39	6°29	7°48	0°15	20°46	18° 3	20°39	29°24	24° 8	5°27	4°38	5°44	8°47	W17
T 18	15 44 42	27°45'55	14°54	6° 6	8°23	29♈59	20°41	17°59	20°42	29°26	24° 9	5°25	4°34	5°51	8°47	T 18
F 19	15 48 39	28°44'01	27°44	5°40	8°55	29°44	20°36	17°55	20°46	29°28	24° 9	5°D25	4°31	5°57	8°47	F 19
S 20	15 52 35	29°42'05	10♈13	5°10	9°27	29°30	20°31	17°50	20°49	29°30	24° 9	5°25	4°28	6° 4	8°47	S 20
S 21	15 56 32	0♊40'08	22°24	4°38	9°57	29°16	20°27	17°46	20°52	29°32	24°10	5°26	4°25	6°11	8°46	S 21
M22	16 0 28	1°38'09	4°V23	4° 4	10°25	29° 3	20°22	17°42	20°56	29°34	24°10	5°28	4°22	6°17	8°46	M22
T 23	16 4 25	2°36'10	16°13	3°29	10°52	28°51	20°18	17°38	20°59	29°36	24°11	5°30	4°18	6°24	8°45	T 23
W24	16 8 21	3°34'08	28° 0	2°53	11°17	28°39	20°14	17°34	21° 3	29°38	24°11	5°31	4°15	6°31	8°44	W24
T 25	16 12 18	4°32'06	9♈46	2°17	11°40	28°28	20°10	17°29	21° 6	29°40	24°12	5°R31	4°12	6°37	8°44	T 25
F 26	16 16 15	5°30'02	21°36	1°42	12° 2	28°19	20° 6	17°25	21° 9	29°42	24°12	5°30	4° 9	6°44	8°43	F 26
S 27	16 20 11	6°27'57	3♊30	1° 8	12°22	28° 9	20° 3	17°21	21°13	29°44	24°13	5°27	4° 6	6°50	8°42	S 27
S 28	16 24 8	7°25'50	15°33	0°36	12°40	28° 1	20° 0	17°16	21°16	29°46	24°13	5°23	4° 3	6°57	8°41	S 28
M29	16 28 4	8°23'42	27°44	0° 6	12°56	27°54	19°56	17°12	21°20	29°47	24°14	5°18	3°59	7° 4	8°40	M29
T 30	16 32 1	9°21'32	10♈6	29♈39	13°10	27°47	19°53	17° 8	21°23	29°49	24°15	5°12	3°56	7°10	8°39	T 30
W31	16 35 57	10♊19'21	22♈41	29♈15	13♈22	27♈41	19♈50	17♈ 3	21♈26	29°V51	24°R15	5♈ 6	3♈53	7♈17	8♈38	W31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	15n 9	26n27	3n36	22n55	2n40	27n18	4n 0	12s 6	1n20	7s16	1n31	21s 2	1n52	17n16	0s21	M 1
T 2	15 27	27 41	4 20	23 11	2 43	27 21	4 2	12 1	1 18	7 14	1 31	21 1	1 52	17 17	0 21	T 2
W 3	15 44	27 35	4 53	23 24	2 45	27 23	4 3	11 55	1 15	7 11	1 31	21 1	1 53	17 18	0 20	W 3
T 4	16 2 26	3 5	5 13	23 34	2 46	27 25	4 4	11 50	1 13	7 9	1 31	21 1	1 53	17 19	0 20	T 4
F 5	16 19	23 9	5 17	23 43	2 46	27 27	4 6	11 45	1 11	7 7	1 31	21 1	1 53	17 20	0 20	F 5
S 6	16 36	18 59	5 5	23 48	2 44	27 28	4 6	11 40	1 8	7 4	1 31	21 0	1 53	17 21	0 20	S 6
S 7	16 53	13 43	4 35	23 52	2 42	27 28	4 7	11 35	1 6	7 2	1 30	21 0	1 53	17 22	0 20	S 7
M 8	17 9	7 37	3 48	23 53	2 38	27 28	4 8	11 30	1 3	7 0	1 30	21 0	1 53	17 23	0 20	M 8
T 9	17 25	0 56	2 46	23 52	2 33	27 28	4 8	11 25	1 1	6 58	1 30	20 59	1 53	17 24	0 20	T 9
W10	17 41	5s57	1 31	23 49	2 27	27 27	4 8	11 21	0 58	6 56	1 30	20 59	1 53	17 25	0 20	W10
T 11	17 56	12 38	0 9	23 43	2 19	27 26	4 8	11 16	0 56	6 54	1 30	20 58	1 53	17 26	0 20	T 11
F 12	18 11	18 37	1s14	23 36	2 11	27 24	4 8	11 12	0 53	6 52	1 30	20 58	1 53	17 27	0 20	F 12
S 13	18 26	23 24	2 32	23 26	2 1	27 22	4 8	11 8	0 50	6 50	1 29	20 58	1 53	17 28	0 20	S 13
S 14	18 41	26 32	3 38	23 14	1 50	27 20	4 7	11 4	0 48	6 48	1 29	20 57	1 53	17 28	0 20	S 14
M15	18 55	27 46	4 29	23 1	1 37	27 17	4 6	11 0	0 45	6 46	1 29	20 57	1 53	17 29	0 20	M15
T 16	19 9	27 8	5 1	22 45	1 24	27 14	4 5	10 57	0 43	6 44	1 29	20 57	1 53	17 30	0 20	T 16
W17	19 22	24 50	5 15	22 28	1 10	27 10	4 3	10 53	0 40	6 42	1 29	20 56	1 53	17 31	0 20	W17
T 18	19 35	21 16	5 11	22 9	0 55	27 6	4 1	10 50	0 38	6 41	1 28	20 56	1 53	17 32	0 20	T 18
F 19	19 48	16 47	4 52	21 48	0 39	27 2	3 59	10 47	0 35	6 39	1 28	20 56	1 53	17 33	0 20	F 19
S 20	20 1	11 43	4 19	21 27	0 22	26 58	3 57	10 45	0 33	6 38	1 28	20 55	1 53	17 34	0 20	S 20
S 21	20 13	6 18	3 36	21 4	0 5	26 53	3 55	10 42	0 30	6 36	1 28	20 55	1 53	17 35	0 20	S 21
M22	20 25	0 46	2 43	20 41	0s12	26 48	3 52	10 40	0 28	6 35	1 28	20 54	1 53	17 36	0 20	M22
T 23	20 36	4n45	1 44	20 17	0 30	26 42	3 48	10 38	0 25	6 33	1 27	20 54	1 53	17 37	0 20	T 23
W24	20 47	10 5	0 41	19 53	0 48	26 36	3 45	10 36	0 23	6 32	1 27	20 54	1 53	17 38	0 20	W24
T 25	20 58	15 3	0n23	19 29	1 5	26 31	3 41	10 34	0 20	6 31	1 27	20 53	1 53	17 38	0 20	T 25
F 26	21 9	19 30	1 27	19 5	1 22	26 24	3 37	10 33	0 18	6 29	1 27	20 53	1 53	17 39	0 20	F 26
S 27	21 19	23 11	2 27	18 42	1 39	26 18	3 32	10 32	0 16	6 28	1 27	20 53	1 53	17 40	0 20	S 27
S 28	21 28	25 55	3 22	18 19	1 55	26 11	3 27	10 31	0 13	6 27	1 26	20 52	1 53	17 41	0 20	S 28
M29	21 37	27 27	4 7	17 58	2 11	26 4	3 22	10 31	0 11	6 26	1 26	20 52	1 53	17 42	0 20	M29
T 30	21 46	27 39	4 42	17 38	2 25	25 57	3 16	10 31	0 9	6 25	1 26	20 51	1 53	17 43	0 20	T 30
W31	21n55	26n27	5n 4	17n20	2s39	25n50	3n10	10s31	0n 6	6s24	1n26	20s51	1n53	17n44	0s20	W31

Julian Day Number = 2704778.5, Delta T = 26m44s  
 Ecliptic obliquity = 23°21'05, Nutation = - 0°00'11  
 Ayanamsha: Fagan/Bradley = 34°26'23, Lahiri = 33°33'23

## ASTRODIENST EPHEMERIS for the year 2693

JUNE 2693

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 39 54	11 <sup>11</sup> 17'09	5 <sup>02</sup> 28	28°R55	13°32	27°R36	19°R48	16°R59	21°R30	29°R53	24°R16	5°R 1	3°R50	7°R24	8°R36	T 1
F 2	16 43 51	12°14'54	18°30	28°R38	13°40	27°R32	19°R45	16°R54	21°33	29°55	24°17	4°R57	3°47	7°30	8°R35	F 2
S 3	16 47 47	13°12'38	1°48	28°26	13°46	27°28	19°43	16°50	21°36	29°57	24°17	4°55	3°44	7°37	8°34	S 3
S 4	16 51 44	14°10'21	15°23	28°18	13°49	27°26	19°41	16°45	21°39	29°58	24°18	4°D54	3°40	7°44	8°32	S 4
M 5	16 55 40	15° 8'02	29°17	28°D14	13°R50	27°24	19°39	16°41	21°43	0° 0	24°19	4°55	3°37	7°50	8°31	M 5
T 6	16 59 37	16° 5'41	13°30	28°14	13°48	27°23	19°37	16°37	21°46	0° 2	24°20	4°56	3°34	7°57	8°29	T 6
W 7	17 3 33	17° 3'19	28° 1	28°19	13°44	27°D22	19°35	16°32	21°49	0° 3	24°21	4°R57	3°31	8° 4	8°27	W 7
T 8	17 7 30	18° 0'55	12°45	28°29	13°38	27°23	19°34	16°28	21°52	0° 5	24°21	4°57	3°28	8°10	8°26	T 8
F 9	17 11 26	18°58'30	27°38	28°43	13°29	27°24	19°32	16°23	21°55	0° 7	24°22	4°55	3°24	8°17	8°24	F 9
S 10	17 15 23	19°56'04	12°33	29° 1	13°18	27°26	19°31	16°19	21°59	0° 8	24°23	4°52	3°21	8°24	8°22	S 10
S 11	17 19 20	20°53'37	27°21	29°24	13° 4	27°29	19°30	16°14	22° 2	0°10	24°24	4°46	3°18	8°30	8°20	S 11
M12	17 23 16	21°51'09	11°55	29°51	12°48	27°33	19°30	16°10	22° 5	0°12	24°25	4°39	3°15	8°37	8°18	M12
T 13	17 27 13	22°48'40	26° 7	0°12	12°30	27°37	19°29	16° 5	22° 8	0°13	24°26	4°31	3°12	8°43	8°16	T 13
W14	17 31 9	23°46'10	9°54	0°58	12° 9	27°42	19°29	16° 1	22°11	0°15	24°27	4°25	3° 9	8°50	8°14	W14
T 15	17 35 6	24°43'39	23°14	1°38	11°46	27°48	19°28	15°57	22°14	0°16	24°28	4°19	3° 5	8°57	8°12	T 15
F 16	17 39 2	25°41'08	6°8	2°21	11°21	27°54	19°D28	15°52	22°17	0°18	24°29	4°15	3° 2	9° 3	8°10	F 16
S 17	17 42 59	26°38'35	18°39	3° 8	10°54	28° 1	19°29	15°48	22°20	0°19	24°30	4°13	2°59	9°10	8° 7	S 17
S 18	17 46 55	27°36'02	0°51	3°59	10°25	28° 9	19°29	15°43	22°23	0°21	24°31	4°D13	2°56	9°17	8° 5	S 18
M19	17 50 52	28°33'29	12°50	4°54	9°55	28°17	19°29	15°39	22°26	0°22	24°33	4°13	2°53	9°23	8° 3	M19
T 20	17 54 49	29°30'54	24°40	5°52	9°23	28°26	19°30	15°35	22°29	0°23	24°34	4°14	2°50	9°30	8° 0	T 20
W21	17 58 45	0°28'20	6°27	6°54	8°49	28°36	19°31	15°31	22°32	0°25	24°35	4°R15	2°46	9°37	7°58	W21
T 22	18 2 42	1°25'44	18°15	7°59	8°14	28°47	19°32	15°26	22°35	0°26	24°36	4°14	2°43	9°43	7°55	T 22
F 23	18 6 38	2°23'08	0°11	9° 8	7°38	28°58	19°33	15°22	22°37	0°27	24°37	4°10	2°40	9°50	7°52	F 23
S 24	18 10 35	3°20'32	12°11	10°20	7° 2	29° 9	19°35	15°18	22°40	0°29	24°38	4° 5	2°37	9°57	7°50	S 24
S 25	18 14 31	4°17'55	24°25	11°35	6°24	29°22	19°36	15°14	22°43	0°30	24°40	3°57	2°34	10° 3	7°47	S 25
M26	18 18 28	5°15'18	6°51	12°53	5°47	29°35	19°38	15°10	22°46	0°31	24°41	3°47	2°30	10°10	7°44	M26
T 27	18 22 24	6°12'39	19°31	14°15	5° 9	29°48	19°40	15° 6	22°49	0°32	24°42	3°36	2°27	10°17	7°41	T 27
W28	18 26 21	7°10'00	2°12	15°40	4°32	0°11	19°42	15° 2	22°51	0°33	24°44	3°25	2°24	10°23	7°38	W28
T 29	18 30 18	8° 7'21	15°29	17° 7	3°55	0°17	19°44	14°58	22°54	0°34	24°45	3°15	2°21	10°30	7°36	T 29
F 30	18 34 14	9° 4'40	28°14	18°11	3°59	0°11	19°47	14°54	22°57	0°36	24°46	3° 8	2°18	10°36	7°33	F 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	22n 3	23n52	5n11	17n 3	2s51	25n42	3n 3	10s31	0n 4	6s24	1n25	20s51	1n53	17n45	0s20	9n56	1s33	20n35	7n39	13n 9	12n45	14n14	11s 6	7n11			
F 2	22 11	20 1	5 3	16 48	3 3	25 35	2 56	10 32	0 2	6 23	1 25	20 50	1 53	17 45	0 20	9 57	1 33	20 35	7 39	13 7	12 44	14 17	11 6	7 12			
S 3	22 18	15 7	4 38	16 36	3 13	25 27	2 49	10 32	0s 0	6 22	1 25	20 50	1 53	17 46	0 20	9 57	1 33	20 35	7 39	13 7	12 43	14 20	11 6	7 12			
S 4	22 25	9 23	3 57	16 25	3 23	25 18	2 41	10 33	0 2	6 22	1 25	20 50	1 53	17 47	0 20	9 58	1 33	20 34	7 39	13 7	12 42	14 23	11 5	7 13			
M 5	22 32	3 4	3 2	16 16	3 31	25 10	2 33	10 35	0 5	6 21	1 24	20 49	1 53	17 48	0 20	9 58	1 33	20 34	7 39	13 7	12 41	14 26	11 5	7 13			
T 6	22 38	3s34	1 54	16 9	3 38	25 1	2 24	10 36	0 7	6 21	1 24	20 49	1 53	17 49	0 20	9 59	1 33	20 33	7 38	13 7	12 40	14 29	11 5	7 13			
W 7	22 43	10 8	0 38	16 4	3 44	24 53	2 15	10 38	0 9	6 20	1 24	20 48	1 53	17 50	0 20	9 59	1 33	20 33	7 38	13 8	12 38	14 32	11 5	7 14			
T 8	22 49	16 17	0s42	16 2	3 49	24 44	2 5	10 40	0 11	6 20	1 24	20 48	1 52	17 50	0 20	10 0	1 34	20 33	7 38	13 8	12 37	14 35	11 5	7 14			
F 9	22 54	21 30	2 0	16 1	3 52	24 34	1 55	10 43	0 13	6 20	1 23	20 48	1 52	17 51	0 20	10 1	1 34	20 32	7 38	13 7	12 36	14 38	11 5	7 15			
S 10	22 58	25 21	3 9	16 3	3 55	24 25	1 44	10 45	0 15	6 20	1 23	20 47	1 52	17 52	0 20	10 1	1 34	20 32	7 38	13 6	12 35	14 41	11 5	7 15			
S 11	23 2	27 25	4 5	16 6	3 56	24 15	1 33	10 48	0 17	6 19	1 23	20 47	1 52	17 53	0 20	10 2	1 34	20 31	7 38	13 4	12 34	14 44	11 5	7 16			
M12	23 6	27 32	4 44	16 11	3 57	24 6	1 22	10 51	0 19	6 19	1 23	20 47	1 52	17 54	0 20	10 2	1 34	20 31	7 38	13 1	12 33	14 47	11 6	7 16			
T 13	23 9	25 50	5 5	16 18	3 57	23 56	1 10	10 54	0 20	6 19	1 22	20 46	1 52	17 54	0 20	10 3	1 34	20 30	7 38	12 59	12 32	14 50	11 6	7 17			
W14	23 12	22 37	5 6	16 26	3 55	23 45	0 58	10 58	0 22	6 20	1 22	20 46	1 52	17 55	0 20	10 3	1 34	20 30	7 37	12 57	12 31	14 53	11 6	7 17			
T 15	23 15	18 18	4 51	16 36	3 53	23 35	0 45	11 2	0 24	6 20	1 22	20 45	1 52	17 56	0 20	10 4	1 34	20 30	7 37	12 55	12 30	14 56	11 6	7 17			
F 16	23 17	13 17	4 22	16 47	3 50	23 24	0 32	11 5	0 26	6 20	1 22	20 45	1 52	17 57	0 20	10 4	1 34	20 29	7 37	12 53	12 29	14 59	11 6	7 18			
S 17	23 19	7 51	3 40	17 0	3 46	23 13	0 19	11 10	0 28	6 20	1 21	20 45	1 52	17 57	0 20	10 4	1 34	20 29	7 37	12 53	12 28	15 1	11 6	7 18			
S 18	23 20	2 16	2 50	17 14	3 42	23 2	0 5	11 14	0 29	6 21	1 21	20 44	1 52	17 58	0 20	10 5	1 34	20 28	7 37	12 53	12 27	15 4	11 6	7 19			
M19	23 21	3n19	1 53	17 29	3 37	22 50	0s 9	11 19	0 31	6 21	1 21	20 44	1 51	17 59	0 20	10 5	1 34	20 28	7 37	12 53	12 26	15 7	11 7	7 19			
T 20	23 21	8 43	0 51	17 45	3 31	22 39	0 23	11 23	0 33	6 22	1 21	20 44	1 51	18 0	0 20	10 6	1 34	20 27	7 37	12 53	12 24	15 10	11 7	7 19			
W21	23 21	13 48	0n12	18 2	3 24	22 27	0 37	11 28	0 34	6 22	1 20	20 43	1 51	18 0	0 20	10 6	1 34	20 27	7 37	12 53	12 23	15 13	11 7	7 20			
T 22	23 21	18 24	1 14	18 19	3 17	22 15	0 51	11 34	0 36	6 23	1 20	20 43	1 51	18 1	0 20	10 7	1 34	20 26	7 37	12 53	12 22	15 16	11 8	7 20			
F 23	23 20	22 18	2 14	18 37	3 9	22 3	1 5	11 39	0 37	6 23	1 20	20 43	1 51	18 2	0 20	10 7	1 34	20 26	7 37	12 52	12 21	15 19	11 8	7 20			
S 24	23 19	25 17	3 9	18 56	3 1	21 51	1 19	11 45	0 39	6 24	1 20	20 42	1 51	18 3	0 20	10 7	1 34	20 25	7 36	12 50	12 20	15 22	11 8	7 21			
S 25	23 17	27 9	3 55	19 15	2 52	21 38	1 34	11 50	0 41	6 25	1 19	20 42	1 51	18 3	0 20	10 8	1 34	20 25	7 36	12 47	12 19	15 25	11 9	7 21			
M26	23 15	27 41	4 31	19 34	2 43	21 26	1 48	11 56	0 42	6 26	1 19	20 42	1 51	18 4	0 20	10 8	1 34	20 24	7 36	12 44	12 18	15 28	11 9	7 21			
T 27	23 12	26 47	4 54	19 54	2 33	21 14	2 1	12 2	0 43	6 27	1 19	20 41	1 51	18 5	0 20	10 9	1 34	20 24	7 36	12 40	12 17	15 31	11 9	7 22			
W28	23 9	24 28	5 3	20 13	2 23	21 1	2 15	12 9	0 45	6 28	1 19	20 41	1 50	18 5	0 20	10 9	1 34	20 23	7 36	12 37	12 16	15 34	11 10	7 22			
T 29	23 6	20 51	4 57	20 32	2 12	20 49	2 28	12 15	0 46	6 29	1 18	20 41	1 50	18 6	0 20	10 9	1 35	20 23	7 36	12 33	12 15	15 37	11 10	7 22			
F 30	23n 3	16n 8	4n34	20n51	2s 1	20n37	2s41	12s22	0s48	6s30	1n18	20s41	1n50	18n 7	0s20	10n10	1s35	20n22	7n36	12n31	12n14	15n40	11s11	7n22			

## ASTRODIENST EPHEMERIS for the year 2693

JULY 2693

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 38 11	10°59'159	12°16'16	20°12'12	2°R43	0°M48	19°49	14°R50	22°8'59	0°8'37	24°0'48	3°R 2	2°8'15	10°8'43	7°R30	S 1
S 2	18 42 7	10°59'17	25°56	21°49	2°8'9	1° 4	19°52	14°46	23° 2	0°38	24°49	2°8'59	2°11	10°50	7°27	S 2
M 3	18 46 4	11°56'34	9°49	23°29	1°36	1°21	19°55	14°43	23° 4	0°39	24°50	2°D59	2° 8	10°56	7°23	M 3
T 4	18 50 0	12°53'51	23°52	25°12	1° 4	1°38	19°58	14°39	23° 7	0°40	24°52	2°59	2° 5	11° 3	7°20	T 4
W 5	18 53 57	13°51'07	8°M 7	26°58	0°34	1°56	20° 2	14°35	23° 9	0°41	24°53	2°R59	2° 2	11°10	7°17	W 5
T 6	18 57 53	14°48'22	22°31	28°47	0° 6	2°15	20° 5	14°32	23°12	0°42	24°55	2°58	1°59	11°16	7°14	T 6
F 7	19 1 50	15°45'37	7°M 1	0°39	29°II39	2°33	20° 9	14°28	23°14	0°42	24°56	2°54	1°56	11°23	7°11	F 7
S 8	19 5 47	16°42'51	21°33	2°33	29°15	2°53	20°13	14°25	23°17	0°43	24°58	2°48	1°52	11°30	7° 7	S 8
S 9	19 9 43	17°40'05	6°3	4°30	28°53	3°12	20°17	14°22	23°19	0°44	24°59	2°39	1°49	11°36	7° 4	S 9
M10	19 13 40	18°37'18	20°19	6°29	28°33	3°33	20°21	14°18	23°21	0°45	25° 1	2°29	1°46	11°43	7° 1	M10
T 11	19 17 36	19°34'32	4°20	8°30	28°15	3°53	20°25	14°15	23°23	0°46	25° 2	2°18	1°43	11°50	6°57	T 11
W12	19 21 33	20°31'45	18° 0	10°34	28° 0	4°15	20°29	14°12	23°26	0°46	25° 4	2° 7	1°40	11°56	6°54	W12
T 13	19 25 29	21°28'58	1°17	12°39	27°47	4°36	20°34	14° 9	23°28	0°47	25° 5	1°57	1°37	12° 3	6°51	T 13
F 14	19 29 26	22°26'11	14°10	14°45	27°36	4°58	20°39	14° 6	23°30	0°48	25° 7	1°50	1°33	12°10	6°47	F 14
S 15	19 33 23	23°23'24	26°41	16°53	27°28	5°20	20°44	14° 3	23°32	0°48	25° 8	1°45	1°30	12°16	6°44	S 15
S 16	19 37 19	24°20'38	8°54	19° 2	27°23	5°43	20°49	14° 0	23°34	0°49	25°10	1°43	1°27	12°23	6°40	S 16
M17	19 41 16	25°17'51	20°54	21°12	27°19	6° 6	20°54	13°57	23°36	0°50	25°12	1°42	1°24	12°29	6°37	M17
T 18	19 45 12	26°15'05	2°45	23°22	27°D18	6°30	20°59	13°54	23°38	0°50	25°13	1°42	1°21	12°36	6°33	T 18
W19	19 49 9	27°12'20	14°33	25°32	27°20	6°54	21° 5	13°52	23°40	0°51	25°15	1°42	1°17	12°43	6°30	W19
T 20	19 53 5	28° 9'34	26°23	27°42	27°23	7°18	21°10	13°49	23°42	0°51	25°17	1°40	1°14	12°49	6°26	T 20
F 21	19 57 2	29° 6'50	8°II21	29°52	27°29	7°43	21°16	13°47	23°44	0°52	25°18	1°36	1°11	12°56	6°23	F 21
S 22	20 0 58	0°0'405	20°31	2°0'1	27°37	8° 8	21°22	13°44	23°46	0°52	25°20	1°30	1° 8	13° 3	6°19	S 22
S 23	20 4 55	1° 1'21	2°55	4° 9	27°48	8°34	21°28	13°42	23°48	0°52	25°22	1°20	1° 5	13° 9	6°16	S 23
M24	20 8 52	1°58'37	15°35	6°16	28° 0	8°59	21°34	13°40	23°49	0°53	25°23	1° 9	1° 2	13°16	6°12	M24
T 25	20 12 48	2°55'54	28°33	8°22	28°14	9°26	21°41	13°38	23°51	0°53	25°25	0°57	0°58	13°23	6° 8	T 25
W26	20 16 45	3°53'10	11°0'47	10°26	28°31	9°52	21°47	13°36	23°53	0°53	25°27	0°44	0°55	13°29	6° 5	W26
T 27	20 20 41	4°50'27	25°15	12°29	28°49	10°19	21°54	13°34	23°54	0°54	25°28	0°33	0°52	13°36	6° 1	T 27
F 28	20 24 38	5°47'44	8°M56	14°30	29° 9	10°46	22° 0	13°32	23°56	0°54	25°30	0°23	0°49	13°43	5°58	F 28
S 29	20 28 34	6°45'02	22°45	16°30	29°30	11°14	22° 7	13°30	23°57	0°54	25°32	0°17	0°46	13°49	5°54	S 29
S 30	20 32 31	7°42'19	6°41	18°28	29°54	11°41	22°14	13°28	23°59	0°54	25°34	0°13	0°42	13°56	5°50	S 30
M31	20 36 27	8°0'39'37	20°42	20°0'24	0°519	12°M10	22°42	13°27	24°0	0°54	25°35	0°12	0°39	14°0'3	5°47	M31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	22n58	10n34	3n56	21n 9	1s50	20n26	2s54	12s29	0s49	6s31	1n18	20s40	1n50	18n 7	0s20	10n10	1s35	20n22	7n36	12n29	12n13	15n42	11s11	7n23	
S 2	22 54	4 25	3 4	21 27	1 39	20 14	3 6	12 35	0 50	6 33	1 18	20 40	1 50	18 8	0 20	10 10	1 35	20 21	7 36	12 28	12 11	15 45	11 12	7 23	
M 3	22 49	2s 2	2 0	21 44	1 27	20 3	3 18	12 43	0 52	6 34	1 17	20 40	1 50	18 9	0 20	10 11	1 35	20 20	7 36	12 28	12 10	15 48	11 12	7 23	
T 4	22 44	8 29	0 48	22 0	1 16	19 52	3 29	12 50	0 53	6 35	1 17	20 40	1 49	18 9	0 20	10 11	1 35	20 20	7 36	12 28	12 9	15 51	11 13	7 23	
W 5	22 38	14 35	0s27	22 15	1 4	19 42	3 39	12 57	0 54	6 37	1 17	20 39	1 49	18 10	0 20	10 11	1 35	20 19	7 36	12 28	12 8	15 54	11 13	7 24	
T 6	22 32	19 58	1 42	22 29	0 52	19 32	3 49	13 5	0 55	6 38	1 17	20 39	1 49	18 10	0 20	10 11	1 35	20 19	7 36	12 27	12 7	15 57	11 14	7 24	
F 7	22 25	24 12	2 50	22 41	0 40	19 22	3 59	13 12	0 57	6 40	1 16	20 39	1 49	18 11	0 20	10 12	1 35	20 18	7 35	12 26	12 6	16 0	11 14	7 24	
S 8	22 19	26 52	3 48	22 52	0 28	19 13	4 8	13 20	0 58	6 42	1 16	20 39	1 49	18 12	0 20	10 12	1 35	20 18	7 35	12 24	12 5	16 3	11 15	7 24	
S 9	22 11	27 42	4 30	23 0	0 16	19 5	4 16	13 28	0 59	6 43	1 16	20 38	1 49	18 12	0 20	10 12	1 35	20 17	7 35	12 21	12 4	16 6	11 16	7 25	
M10	22 4	26 41	4 55	23 7	0 5	18 57	4 24	13 36	1 0	6 45	1 16	20 38	1 48	18 13	0 20	10 12	1 35	20 17	7 35	12 17	12 3	16 8	11 16	7 25	
T 11	21 56	23 59	5 1	23 11	0n 6	18 49	4 31	13 44	1 1	6 47	1 15	20 38	1 48	18 13	0 20	10 13	1 35	20 16	7 35	12 13	12 2	16 11	11 17	7 25	
W12	21 47	19 59	4 50	23 13	0 17	18 43	4 38	13 52	1 2	6 49	1 15	20 38	1 48	18 14	0 20	10 13	1 35	20 15	7 35	12 10	12 0	16 14	11 17	7 25	
T 13	21 39	15 5	4 23	23 13	0 28	18 36	4 44	14 0	1 4	6 51	1 15	20 38	1 48	18 14	0 20	10 13	1 35	20 15	7 35	12 7	11 59	16 17	11 18	7 25	
F 14	21 29	9 39	3 44	23 10	0 38	18 31	4 49	14 9	1 5	6 53	1 15	20 37	1 48	18 15	0 20	10 13	1 35	20 14	7 35	12 4	11 58	16 20	11 19	7 25	
S 15	21 20	3 59	2 54	23 5	0 48	18 26	4 54	14 17	1 6	6 55	1 14	20 37	1 48	18 16	0 20	10 13	1 35	20 14	7 35	12 2	11 57	16 23	11 20	7 25	
S 16	21 10	1n43	1 58	22 56	0 57	18 21	4 59	14 26	1 7	6 57	1 14	20 37	1 47	18 16	0 20	10 13	1 35	20 13	7 35	12 2	11 56	16 26	11 20	7 26	
M17	21 0	7 15	0 57	22 45	1 5	18 17	5 3	14 34	1 8	6 59	1 14	20 37	1 47	18 17	0 20	10 14	1 36	20 12	7 35	12 1	11 55	16 29	11 21	7 26	
T 18	20 49	12 28	0n 6	22 32	1 13	18 14	5 6	14 43	1 9	7 1	1 14	20 37	1 47	18 17	0 20	10 14	1 36	20 12	7 35	12 1	11 54	16 31	11 22	7 26	
W19	20 38	17 13	1 8	22 16	1 20	18 11	5 9	14 52	1 10	7 4	1 13	20 37	1 47	18 17	0 20	10 14	1 36	20 11	7 35	12 1	11 53	16 34	11 22	7 26	
T 20	20 27	21 20	2 7	21 57	1 26	18 8	5 11	15 1	1 11	7 6	1 13	20 37	1 47	18 18	0 20	10 14	1 36	20 11	7 35	12 1	11 52	16 37	11 23	7 26	
F 21	20 16	24 36	3 1	21 35	1 31	18 6	5 14	15 10	1 11	7 8	1 13	20 37	1 46	18 18	0 20	10 14	1 36	20 10	7 35	11 59	11 51	16 40	11 24	7 26	
S 22	20 4	26 48	3 48	21 12	1 36	18 5	5 15	15 19	1 12	7 11	1 13	20 36	1 46	18 19	0 20	10 14	1 36	20 10	7 35	11 57	11 50	16 43	11 25	7 26	
S 23	19 51	27 44	4 25	20 46	1 40	18 4	5 16	15 28	1 13	7 13	1 13	20 36	1 46	18 19	0 20	10 14	1 36	20 9	7 35	11 54	11 48	16 46	11 26	7 26	
M24	19 39	27 14	4 49	20 18	1 43	18 3	5 17	15 37	1 14	7 16	1 12	20 36	1 46	18 20	0 20	10 14	1 36	20 8	7 35	11 50	11 47	16 48	11 26	7 26	
T 25	19 26	25 16	5 0	19 48	1 45	18 2	5 18	15 46	1 15	7 18	1 12	20 36	1 46	18 20	0 21	10 14	1 36	20 8	7 35	11 46	11 46	16 51	11 27	7 26	
W26	19 13	21 54	4 55	19 17	1 47	18 2	5 18	15 55	1 16	7 21	1 12	20 36	1 45	18 21	0 21	10 14	1 36	20 7	7 35	11 41	11 45	16 54	11 28	7 26	
T 27	18 59	17 21	4 33	18 43	1 48	18 3	5 18	16 4	1 17	7 23	1 12	20 36	1 45	18 21	0 21	10 14	1 36	20 7	7 35	11 37	11 44	16 57	11 29	7 26	
F 28	18 45	11 50	3 56	18 9	1 48	18 3	5 18	16 14	1 17	7 26	1 11	20 36	1 45	18 21	0 21	10 14	1 36	20 6	7 35	11 34	11 43	17 0	11 30	7 26	
S 29	18 31	5 41	3 4	17 33	1 46	18 4	5 17	16 23	1 18	7 29	1 11	20 36	1 45	18 22	0 21	10 14	1 36	20 5	7 35	11 32	11 42	17 3	11 31	7 26	
S 30	18 17	0s48	2 1	16 55	1 46	18 5	5 16	16 32	1 19	7 32	1 11	20 36	1 45	18 22	0 21	10 14	1 36	20 5	7 35	11 30	11 41	17 5	11 32	7 26	
M31	18n 2	7s17	0n50	16n17	1n45	18n 6	5s15	16s42	1s20	7s35	1n11	20s36	1n44	18n22	0s21	10n14	1s36	20n 4	7n35	11n30	11n40	17n 8	11s32	7n26	

## ASTRODIENST EPHEMERIS for the year 2693

AUGUST 2693

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 40 24	9♌36°55	4♍47	22♌19	0♌45	12♍38	22♌29	13°R25	24♌2	0♌54	25♌37	0°R12	0♌36	14♌9	5°R43	T 1
W 2	20 44 21	10°34'13	18°55	24°12	1°14	13°7	22°36	13°24	24°3	0°54	25°39	0♌12	0°33	14°16	5°40	W 2
T 3	20 48 17	11°31'31	3♌5	26°3	1°43	13°36	22°44	13°22	24°4	0°R54	25°41	0°10	0°30	14°22	5°36	T 3
F 4	20 52 14	12°28'50	17°15	27°52	2°14	14°5	22°51	13°21	24°6	0°54	25°42	0°7	0°27	14°29	5°33	F 4
S 5	20 56 10	13°26'09	1♌23	29°40	2°47	14°35	22°59	13°20	24°7	0°54	25°44	0°1	0°23	14°36	5°29	S 5
S 6	21 0 7	14°23'28	15°25	1♌25	3°20	15°5	23°7	13°19	24°8	0°54	25°46	29°Y52	0°20	14°42	5°26	S 6
M 7	21 4 3	15°20'48	29°19	3°9	3°56	15°35	23°15	13°18	24°9	0°54	25°48	29°41	0°17	14°49	5°22	M 7
T 8	21 8 0	16°18'09	12♌59	4°52	4°32	16°5	23°23	13°17	24°10	0°54	25°50	29°30	0°14	14°56	5°19	T 8
W 9	21 11 56	17°15'30	26°22	6°32	5°9	16°36	23°31	13°16	24°11	0°54	25°51	29°19	0°11	15°2	5°15	W 9
T 10	21 15 53	18°12'51	9♌26	8°11	5°48	17°7	23°40	13°15	24°12	0°54	25°53	29°9	0°8	15°9	5°12	T 10
F 11	21 19 50	19°10'14	22°11	9°48	6°28	17°38	23°48	13°15	24°13	0°53	25°55	29°2	0°4	15°16	5°8	F 11
S 12	21 23 46	20°7'38	4♌38	11°24	7°8	18°9	23°57	13°14	24°14	0°53	25°57	28°57	0°1	15°22	5°5	S 12
S 13	21 27 43	21°5'02	16°49	12°57	7°50	18°41	24°6	13°14	24°15	0°53	25°59	28°54	29°Y58	15°29	5°1	S 13
M14	21 31 39	22°2'28	28°47	14°29	8°33	19°13	24°14	13°14	24°16	0°52	26°0	28°D53	29°55	15°36	4°58	M14
T 15	21 35 36	22°59'55	10♌39	16°0	9°17	19°45	24°23	13°13	24°16	0°52	26°2	28°54	29°52	15°42	4°55	T 15
W16	21 39 32	23°57'23	22°27	17°28	10°2	20°18	24°32	13°13	24°17	0°52	26°4	28°R54	29°48	15°49	4°51	W16
T 17	21 43 29	24°54'52	4♌19	18°55	10°47	20°50	24°41	13°D13	24°18	0°51	26°6	28°54	29°45	15°56	4°48	T 17
F 18	21 47 25	25°52'22	16°19	20°20	11°34	21°23	24°51	13°13	24°18	0°51	26°8	28°52	29°42	16°2	4°45	F 18
S 19	21 51 22	26°49'54	28°32	21°43	12°21	21°56	25°0	13°14	24°19	0°50	26°10	28°47	29°39	16°9	4°42	S 19
S 20	21 55 19	27°47'27	11♌2	23°4	13°9	22°30	25°9	13°14	24°19	0°50	26°11	28°41	29°36	16°16	4°38	S 20
M21	21 59 15	28°45'02	23°52	24°24	13°58	23°3	25°19	13°14	24°20	0°49	26°13	28°32	29°33	16°22	4°35	M21
T 22	22 3 12	29°42'37	7♌3	25°41	14°47	23°37	25°29	13°15	24°20	0°49	26°15	28°23	29°29	16°29	4°32	T 22
W23	22 7 8	0♌40'14	20°35	26°57	15°37	24°11	25°38	13°15	24°21	0°48	26°17	28°13	29°26	16°35	4°29	W23
T 24	22 11 5	1°37'52	4♌25	28°10	16°28	24°45	25°48	13°16	24°21	0°47	26°19	28°4	29°23	16°42	4°26	T 24
F 25	22 15 1	2°35'31	18°30	29°22	17°20	25°19	25°58	13°17	24°21	0°47	26°21	27°57	29°20	16°49	4°23	F 25
S 26	22 18 58	3°33'11	2♌45	0♌31	18°12	25°54	26°8	13°18	24°21	0°46	26°22	27°52	29°17	16°55	4°20	S 26
S 27	22 22 54	4°30'52	17°4	1°38	19°5	26°29	26°18	13°19	24°21	0°45	26°24	27°50	29°14	17°2	4°17	S 27
M28	22 26 51	5°28'34	1♌25	2°43	19°58	27°4	26°28	13°20	24°21	0°44	26°26	27°D50	29°10	17°9	4°15	M28
T 29	22 30 48	6°26'17	15°42	3°45	20°52	27°39	26°38	13°21	24°R22	0°44	26°28	27°50	29°7	17°15	4°12	T 29
W30	22 34 44	7°24'01	29°55	4°45	21°47	28°15	26°49	13°22	24°22	0°43	26°30	27°51	29°4	17°22	4°9	W30
T 31	22 38 41	8♌21'46	14♌1	5♌41	22♌42	28♌50	26♌59	13♌24	24♌21	0♌42	26♌31	27°R51	29°Y1	17♌29	4♌6	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	17n47	13s27	0s24	15n38	1n42	18n8	5s13	16s51	1s20	7s37	1n11	20s36	1n44	18n23	0s21	T 1
W 2	17 31	18 57	1 37	14 58	1 39	18 9	5 11	17 0	1 21	7 40	1 10	20 36	1 44	18 23	0 21	W 2
T 3	17 16	23 23	2 45	14 17	1 36	18 11	5 9	17 10	1 22	7 43	1 10	20 36	1 44	18 23	0 21	T 3
F 4	17 0	26 25	3 42	13 36	1 32	18 13	5 7	17 19	1 23	7 46	1 10	20 36	1 44	18 24	0 21	F 4
S 5	16 44	27 46	4 25	12 55	1 27	18 15	5 5	17 29	1 23	7 49	1 10	20 36	1 43	18 24	0 21	S 5
S 6	16 27	27 18	4 52	12 13	1 22	18 16	5 2	17 38	1 24	7 53	1 10	20 37	1 43	18 24	0 21	S 6
M 7	16 10	25 8	5 1	11 30	1 17	18 18	4 59	17 48	1 25	7 56	1 9	20 37	1 43	18 24	0 21	M 7
T 8	15 54	21 33	4 53	10 47	1 11	18 20	4 57	17 57	1 25	7 59	1 9	20 37	1 43	18 25	0 21	T 8
W 9	15 36	16 54	4 29	10 5	1 4	18 22	4 53	18 7	1 26	8 2	1 9	20 37	1 42	18 25	0 21	W 9
T 10	15 19	11 34	3 51	9 22	0 58	18 24	4 50	18 16	1 27	8 5	1 9	20 37	1 42	18 25	0 21	T 10
F 11	15 1	5 53	3 2	8 39	0 51	18 25	4 47	18 25	1 27	8 9	1 9	20 37	1 42	18 25	0 21	F 11
S 12	14 43	0 5	2 5	7 56	0 43	18 27	4 43	18 35	1 28	8 12	1 8	20 37	1 42	18 26	0 21	S 12
S 13	14 25	5n36	1 4	7 13	0 36	18 28	4 39	18 44	1 28	8 15	1 8	20 37	1 42	18 26	0 21	S 13
M14	14 7	11 0	0 1	6 31	0 28	18 30	4 36	18 53	1 29	8 19	1 8	20 38	1 41	18 26	0 21	M14
T 15	13 48	15 57	1n2	5 48	0 20	18 31	4 32	19 3	1 29	8 22	1 8	20 38	1 41	18 26	0 21	T 15
W16	13 29	20 17	2 2	5 6	0 11	18 32	4 28	19 12	1 30	8 26	1 8	20 38	1 41	18 26	0 21	W16
T 17	13 10	23 50	2 57	4 24	0 2	18 32	4 23	19 21	1 30	8 29	1 7	20 38	1 41	18 26	0 21	T 17
F 18	12 51	26 23	3 45	3 43	0s7	18 33	4 19	19 30	1 31	8 33	1 7	20 39	1 40	18 27	0 21	F 18
S 19	12 31	27 44	4 24	3 2	0 16	18 33	4 15	19 39	1 31	8 36	1 7	20 39	1 40	18 27	0 21	S 19
S 20	12 12	27 43	4 51	2 21	0 25	18 33	4 10	19 48	1 32	8 40	1 7	20 39	1 40	18 27	0 21	S 20
M21	11 52	26 14	5 4	1 41	0 35	18 33	4 6	19 57	1 32	8 43	1 7	20 39	1 40	18 27	0 21	M21
T 22	11 32	23 18	5 1	1 2	0 44	18 32	4 1	20 6	1 33	8 47	1 7	20 40	1 40	18 27	0 21	T 22
W23	11 12	19 2	4 42	0 23	0 54	18 31	3 57	20 15	1 33	8 51	1 6	20 40	1 39	18 27	0 21	W23
T 24	10 51	13 40	4 6	0s15	1 4	18 30	3 52	20 24	1 34	8 54	1 6	20 40	1 39	18 27	0 21	T 24
F 25	10 31	7 31	3 15	0 53	1 14	18 29	3 47	20 33	1 34	8 58	1 6	20 41	1 39	18 27	0 21	F 25
S 26	10 10	0 55	2 10	1 29	1 24	18 27	3 42	20 41	1 35	9 2	1 6	20 41	1 39	18 27	0 21	S 26
S 27	9 49	5s48	0 58	2 5	1 34	18 25	3 38	20 50	1 35	9 6	1 6	20 41	1 38	18 27	0 21	S 27
M28	9 28	12 13	0s19	2 40	1 44	18 22	3 33	20 59	1 35	9 9	1 6	20 42	1 38	18 27	0 21	M28
T 29	9 7	18 0	1 35	3 14	1 55	18 19	3 28	21 7	1 36	9 13	1 5	20 42	1 38	18 27	0 21	T 29
W30	8 46	22 44	2 44	3 47	2 5	18 16	3 23	21 15	1 36	9 17	1 5	20 42	1 38	18 27	0 21	W30
T 31	8n24	26s5	3s43	4s19	2s15	18n12	3s18	21s24	1s36	9s21	1n5	20s43	1n37	18n27	0s21	T 31

Julian Day Number = 2704870.5, Delta T = 26m45s

Ecliptic obliquity = 23°21'05, Nutation = - 0°00'08

Ayanamsha: Fagan/Bradley = 34°26'36, Lahiri = 33°33'36



## ASTRODIENST EPHEMERIS for the year 2693

OCTOBER 2693

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 40 54	8♂24'55	5♂47	29°R48	24♂25	18♂35	2♂56	14♂51	23°R56	0°R 4	27♂23	26°R46	27°Y22	20♂55	3°R13	S 1
M 2	0 44 50	9°23'32	18°55	29♂10	25°31	19°16	3° 9	14°55	23♂55	0♂ 2	27°24	26°Y44	27°19	21° 2	3♂13	M 2
T 3	0 48 47	10°22'11	1♂49	28°40	26°37	19°57	3°21	14°59	23°53	0° 1	27°26	26°41	27°16	21° 8	3°12	T 3
W 4	0 52 44	11°20'52	14°28	28°19	27°44	20°37	3°34	15° 3	23°51	29°Y59	27°27	26°39	27°13	21°15	3°12	W 4
T 5	0 56 40	12°19'34	26°55	28° 8	28°50	21°18	3°46	15° 8	23°50	29°58	27°28	26°37	27°10	21°22	3°11	T 5
F 6	1 0 37	13°18'19	9°Y11	28°D 6	29°57	21°59	3°59	15°12	23°48	29°56	27°30	26°36	27° 6	21°28	3°11	F 6
S 7	1 4 33	14°17'05	21°17	28°15	1♂ 5	22°40	4°11	15°17	23°46	29°54	27°31	26°D35	27° 3	21°35	3°11	S 7
S 8	1 8 30	15°15'53	3♂15	28°34	2°12	23°22	4°24	15°21	23°45	29°53	27°32	26°35	27° 0	21°42	3°11	S 8
M 9	1 12 26	16°14'44	15° 7	29° 2	3°19	24° 3	4°36	15°26	23°43	29°51	27°34	26°36	26°57	21°48	3°D11	M 9
T 10	1 16 23	17°13'36	26°55	29°40	4°27	24°44	4°49	15°31	23°41	29°50	27°35	26°36	26°54	21°55	3°11	T 10
W 11	1 20 19	18°12'31	8♂43	0♂26	5°35	25°26	5° 2	15°36	23°39	29°48	27°36	26°37	26°51	22° 2	3°11	W 11
T 12	1 24 16	19°11'28	20°35	1°21	6°43	26° 8	5°15	15°40	23°37	29°46	27°38	26°38	26°47	22° 8	3°11	T 12
F 13	1 28 12	20°10'27	2♂34	2°23	7°51	26°50	5°27	15°45	23°35	29°45	27°39	26°39	26°44	22°15	3°11	F 13
S 14	1 32 9	21° 9'28	14°45	3°32	9° 0	27°32	5°40	15°50	23°33	29°43	27°40	26°39	26°41	22°22	3°11	S 14
S 15	1 36 6	22° 8'32	27°12	4°47	10° 9	28°14	5°53	15°56	23°31	29°41	27°41	26°R39	26°38	22°28	3°12	S 15
M 16	1 40 2	23° 7'38	10♂0	6° 7	11°17	28°56	6° 6	16° 1	23°29	29°40	27°42	26°39	26°35	22°35	3°12	M 16
T 17	1 43 59	24° 6'46	23°11	7°31	12°26	29°38	6°19	16° 6	23°27	29°38	27°44	26°39	26°31	22°41	3°13	T 17
W 18	1 47 55	25° 5'56	6♂49	9° 0	13°35	0♂20	6°31	16°11	23°25	29°36	27°45	26°38	26°28	22°48	3°13	W 18
T 19	1 51 52	26° 5'09	20°54	10°32	14°45	1° 3	6°44	16°16	23°23	29°35	27°46	26°38	26°25	22°55	3°14	T 19
F 20	1 55 48	27° 4'23	5♂24	12° 7	15°54	1°45	6°57	16°22	23°21	29°33	27°47	26°D38	26°22	23° 1	3°15	F 20
S 21	1 59 45	28° 3'40	20°13	13°44	17° 4	2°28	7°10	16°27	23°19	29°31	27°48	26°R38	26°19	23° 8	3°16	S 21
S 22	2 3 41	29° 2'59	5♂15	15°23	18°14	3°11	7°23	16°33	23°17	29°30	27°49	26°38	26°16	23°15	3°17	S 22
M 23	2 7 38	0♂ 2'20	20°22	17° 3	19°23	3°54	7°36	16°38	23°14	29°28	27°50	26°38	26°12	23°21	3°18	M 23
T 24	2 11 35	1° 1'43	5♂24	18°45	20°33	4°37	7°49	16°44	23°12	29°26	27°51	26°38	26° 9	23°28	3°19	T 24
W 25	2 15 31	2° 1'08	20°13	20°27	21°44	5°20	8° 2	16°50	23°10	29°25	27°52	26°37	26° 6	23°35	3°20	W 25
T 26	2 19 28	3° 0'35	4♂34	22°10	22°54	6° 3	8°15	16°56	23° 8	29°23	27°53	26°37	26° 3	23°41	3°21	T 26
F 27	2 23 24	4° 0'03	18°50	23°53	24° 4	6°46	8°28	17° 1	23° 5	29°21	27°54	26°36	26° 0	23°48	3°23	F 27
S 28	2 27 21	4°59'33	2♂33	25°37	25°15	7°29	8°41	17° 7	23° 3	29°20	27°55	26°D36	25°57	23°55	3°24	S 28
S 29	2 31 17	5°59'05	15°53	27°20	26°25	8°13	8°54	17°13	23° 1	29°18	27°56	26°36	25°53	24° 1	3°25	S 29
M 30	2 35 14	6°58'38	28°51	29° 3	27°36	8°56	9° 7	17°19	22°58	29°16	27°56	26°37	25°50	24° 8	3°27	M 30
T 31	2 39 10	7♂58'13	11♂30	0♂46	28♂47	9♂40	9♂20	17♂25	22♂56	29°Y15	27♂57	26°Y38	25°Y47	24♂15	3♂29	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	3s20	23s47	5s12	1s31	1s44	12n44	0s38	24s33	1s42	11s29	1n 1	20s59	1n31	18n21	0s21	9n54
M 2	3 43	19 44	4 52	0 57	1 24	12 26	0 34	24 37	1 42	11 33	1 1	21 0	1 31	18 20	0 21	9 54
T 3	4 5	14 49	4 18	0 27	1 4	12 8	0 29	24 40	1 42	11 38	1 1	21 1	1 31	18 20	0 21	9 53
W 4	4 28	9 22	3 32	0 1	0 44	11 50	0 24	24 43	1 42	11 42	1 1	21 1	1 30	18 20	0 21	9 53
T 5	4 51	3 37	2 37	0n21	0 25	11 31	0 20	24 46	1 42	11 46	1 1	21 2	1 30	18 19	0 21	9 52
F 6	5 14	2n10	1 35	0 39	0 7	11 12	0 15	24 48	1 42	11 51	1 1	21 3	1 30	18 19	0 21	9 51
S 7	5 37	7 49	0 29	0 51	0n10	10 53	0 11	24 51	1 42	11 55	1 1	21 3	1 30	18 18	0 21	9 51
S 8	5 59	13 8	0n37	0 59	0 27	10 33	0 7	24 53	1 42	11 59	1 1	21 4	1 30	18 18	0 21	9 50
M 9	6 22	17 55	1 41	1 1	0 41	10 13	0 2	24 55	1 42	12 3	1 1	21 5	1 29	18 18	0 21	9 50
T 10	6 44	22 0	2 41	0 58	0 55	9 52	0n 2	24 57	1 42	12 8	1 1	21 5	1 29	18 17	0 21	9 49
W 11	7 7	25 11	3 33	0 51	1 7	9 32	0 6	24 58	1 42	12 12	1 1	21 6	1 29	18 17	0 21	9 49
T 12	7 29	27 17	4 17	0 39	1 18	9 10	0 10	24 59	1 42	12 16	1 0	21 7	1 29	18 16	0 21	9 48
F 13	7 51	28 10	4 50	0 23	1 27	8 49	0 15	25 0	1 42	12 21	1 0	21 7	1 29	18 16	0 21	9 47
S 14	8 14	27 41	5 11	0 3	1 35	8 27	0 19	25 1	1 42	12 25	1 0	21 8	1 29	18 15	0 21	9 47
S 15	8 36	25 50	5 18	0s20	1 42	8 5	0 22	25 2	1 41	12 29	1 0	21 9	1 28	18 15	0 21	9 46
M 16	8 57	22 38	5 9	0 47	1 47	7 43	0 26	25 2	1 41	12 33	1 0	21 9	1 28	18 14	0 21	9 46
T 17	9 19	18 13	4 44	1 16	1 51	7 20	0 30	25 2	1 41	12 38	1 0	21 10	1 28	18 14	0 21	9 45
W 18	9 41	12 44	4 3	1 48	1 55	6 57	0 34	25 2	1 41	12 42	1 0	21 11	1 28	18 13	0 21	9 44
T 19	10 2	6 26	3 6	2 22	1 57	6 34	0 37	25 2	1 41	12 46	1 0	21 11	1 28	18 13	0 21	9 44
F 20	10 24	0s22	1 55	2 58	1 58	6 10	0 41	25 1	1 41	12 50	1 0	21 12	1 28	18 12	0 21	9 43
S 21	10 45	7 19	0 36	3 35	1 58	5 46	0 44	25 0	1 41	12 55	1 0	21 13	1 27	18 12	0 21	9 43
S 22	11 6	13 59	0s48	4 14	1 57	5 22	0 48	24 59	1 41	12 59	1 0	21 14	1 27	18 11	0 21	9 42
M 23	11 27	19 50	2 8	4 54	1 56	4 58	0 51	24 58	1 40	13 3	1 0	21 14	1 27	18 10	0 21	9 41
T 24	11 47	24 23	3 19	5 34	1 54	4 34	0 54	24 56	1 40	13 7	1 0	21 15	1 27	18 10	0 21	9 41
W 25	12 8	27 15	4 16	6 15	1 51	4 9	0 58	24 55	1 40	13 12	1 0	21 16	1 27	18 9	0 21	9 40
T 26	12 28	28 11	4 55	6 56	1 48	3 44	1 1	24 52	1 40	13 16	1 0	21 16	1 27	18 9	0 21	9 40
F 27	12 48	27 13	5 15	7 37	1 44	3 19	1 4	24 50	1 40	13 20	1 0	21 17	1 27	18 8	0 21	9 39
S 28	13 8	24 38	5 16	8 19	1 40	2 54	1 7	24 48	1 39	13 24	1 0	21 18	1 26	18 8	0 21	9 39
S 29	13 28	20 47	5 0	9 0	1 35	2 29	1 9	24 45	1 39	13 28	1 0	21 19	1 26	18 7	0 21	9 38
M 30	13 48	16 2	4 29	9 41	1 30	2 3	1 12	24 42	1 39	13 32	1 0	21 19	1 26	18 6	0 21	9 37
T 31	14s 7	10s42	3s45	10s22	1n25	1n38	1n15	24s38	1s39	13s37	1n 0	21s20	1n26	18n 6	0s21	9n37

Julian Day Number = 2704931.5, Delta T = 26m46s

Ecliptic obliquity = 23°21'06, Nutation = - 0°00'08

Ayanamsha: Fagan/Bradley = 34°26'44, Lahiri = 33°33'44

## ASTRODIENST EPHEMERIS for the year 2693

NOVEMBER 2693

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 43 7	8♂5749	23♂54	2♂29	29♂58	10♂24	9♂33	17♂31	22°R54	29°R13	27♂58	26°Y39	25°Y44	24♂21	3♂30	W 1
T 2	2 47 4	9°57'28	6°Y 6	4°11	1♂ 9	11° 8	9°46	17°37	22♂51	29°Y11	27°59	26°40	25°41	24°28	3°32	T 2
F 3	2 51 0	10°57'08	18° 9	5°53	2°20	11°51	9°59	17°43	22°49	29°10	28° 0	26°41	25°37	24°35	3°34	F 3
S 4	2 54 57	11°56'50	0♂ 5	7°35	3°32	12°35	10°12	17°50	22°47	29° 8	28° 0	26°R41	25°34	24°41	3°36	S 4
S 5	2 58 53	12°56'34	11°57	9°16	4°43	13°19	10°26	17°56	22°44	29° 6	28° 1	26°40	25°31	24°48	3°38	S 5
M 6	3 2 50	13°56'20	23°46	10°57	5°55	14° 3	10°39	18° 2	22°42	29° 5	28° 2	26°39	25°28	24°55	3°40	M 6
T 7	3 6 46	14°56'08	5♂35	12°37	7° 6	14°48	10°52	18° 8	22°39	29° 3	28° 2	26°36	25°25	25° 1	3°42	T 7
W 8	3 10 43	15°55'58	17°25	14°17	8°18	15°32	11° 5	18°15	22°37	29° 2	28° 3	26°33	25°22	25° 8	3°44	W 8
T 9	3 14 39	16°55'50	29°20	15°56	9°30	16°16	11°18	18°21	22°34	29° 0	28° 3	26°30	25°18	25°15	3°46	T 9
F 10	3 18 36	17°55'44	11♂22	17°35	10°42	17° 1	11°31	18°28	22°32	28°59	28° 4	26°26	25°15	25°21	3°49	F 10
S 11	3 22 33	18°55'41	23°34	19°13	11°54	17°45	11°44	18°34	22°29	28°57	28° 4	26°24	25°12	25°28	3°51	S 11
S 12	3 26 29	19°55'39	6♂ 0	20°50	13° 6	18°30	11°57	18°41	22°27	28°55	28° 5	26°22	25° 9	25°35	3°53	S 12
M13	3 30 26	20°55'40	18°43	22°28	14°19	19°14	12°10	18°47	22°24	28°54	28° 5	26°D21	25° 6	25°41	3°56	M13
T 14	3 34 22	21°55'42	1♂46	24° 4	15°31	19°59	12°23	18°54	22°22	28°52	28° 6	26°21	25° 3	25°48	3°58	T 14
W15	3 38 19	22°55'47	15°14	25°41	16°44	20°44	12°36	19° 0	22°20	28°51	28° 6	26°22	24°59	25°55	4° 1	W15
T 16	3 42 15	23°55'53	29° 8	27°17	17°56	21°29	12°49	19° 7	22°17	28°49	28° 7	26°24	24°56	26° 1	4° 4	T 16
F 17	3 46 12	24°56'02	13♂29	28°52	19° 9	22°13	13° 1	19°14	22°15	28°48	28° 7	26°25	24°53	26° 8	4° 7	F 17
S 18	3 50 8	25°56'13	28°14	0♂28	20°21	22°58	13°14	19°20	22°12	28°46	28° 7	26°R26	24°50	26°15	4°10	S 18
S 19	3 54 5	26°56'26	13♂17	2° 2	21°34	23°43	13°27	19°27	22°10	28°45	28° 8	26°25	24°47	26°21	4°12	S 19
M20	3 58 2	27°56'40	28°32	3°37	22°47	24°29	13°40	19°34	22° 7	28°44	28° 8	26°22	24°43	26°28	4°15	M20
T 21	4 1 58	28°56'57	13♂47	5°11	24° 0	25°14	13°53	19°41	22° 5	28°42	28° 8	26°18	24°40	26°35	4°18	T 21
W22	4 5 55	29°57'15	28°52	6°45	25°13	25°59	14° 6	19°48	22° 2	28°41	28° 8	26°13	24°37	26°41	4°22	W22
T 23	4 9 51	0♂57'34	13♂39	8°18	26°26	26°44	14°19	19°54	22° 0	28°39	28° 9	26° 8	24°34	26°48	4°25	T 23
F 24	4 13 48	1°57'55	28° 0	9°51	27°39	27°30	14°31	20° 1	21°57	28°38	28° 9	26° 4	24°31	26°55	4°28	F 24
S 25	4 17 44	2°58'18	11♂53	11°24	28°52	28°15	14°44	20° 8	21°55	28°37	28° 9	26° 0	24°28	27° 1	4°31	S 25
S 26	4 21 41	3°58'41	25°17	12°57	0♂ 6	29° 1	14°57	20°15	21°53	28°35	28° 9	25°58	24°24	27° 8	4°35	S 26
M27	4 25 38	4°59'06	8♂15	14°29	1°19	29°46	15°10	20°22	21°50	28°34	28° 9	25°D58	24°21	27°15	4°38	M27
T 28	4 29 34	5°59'32	20°51	16° 1	2°32	0♂32	15°22	20°29	21°48	28°33	28° 9	25°59	24°18	27°21	4°42	T 28
W29	4 33 31	7° 0'00	3°Y 8	17°33	3°46	1°17	15°35	20°36	21°45	28°32	28°R 9	26° 0	24°15	27°28	4°45	W29
T 30	4 37 27	8♂ 0'28	15°Y11	19♂ 5	4♂59	2♂ 3	15♂47	20♂43	21♂43	28°Y30	28♂ 9	26°Y 2	24°Y12	27♂35	4♂49	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	14s26	5s 3	2s52	11s 3	1n19	1n12	1n17	24s35	1s38	13s41	0n59	21s21	1n26	18n 5	0s21	9n36
T 2	14 45	0n43	1 52	11 43	1 14	0 46	1 20	24 31	1 38	13 45	0 59	21 21	1 26	18 5	0 21	9 36
F 3	15 3	6 22	0 47	12 22	1 8	0 20	1 22	24 27	1 38	13 49	0 59	21 22	1 26	18 4	0 21	9 35
S 4	15 22	11 45	0n19	13 1	1 1	0s 6	1 24	24 23	1 38	13 53	0 59	21 23	1 25	18 3	0 21	9 35
S 5	15 40	16 41	1 23	13 40	0 55	0 33	1 27	24 18	1 37	13 57	0 59	21 23	1 25	18 3	0 21	9 34
M 6	15 58	20 58	2 24	14 17	0 49	0 59	1 29	24 13	1 37	14 1	0 59	21 24	1 25	18 2	0 21	9 33
T 7	16 15	24 25	3 19	14 54	0 42	1 25	1 31	24 8	1 37	14 5	0 59	21 25	1 25	18 2	0 21	9 33
W 8	16 33	26 49	4 5	15 30	0 35	1 52	1 33	24 3	1 36	14 9	0 59	21 25	1 25	18 1	0 21	9 32
T 9	16 50	28 1	4 40	16 5	0 29	2 18	1 34	23 57	1 36	14 13	0 59	21 26	1 25	18 0	0 21	9 32
F 10	17 7	27 55	5 4	16 40	0 22	2 45	1 36	23 51	1 36	14 17	0 59	21 27	1 25	18 0	0 21	9 31
S 11	17 23	26 28	5 14	17 13	0 15	3 11	1 38	23 45	1 35	14 21	0 59	21 27	1 25	17 59	0 21	9 31
S 12	17 39	23 43	5 10	17 46	0 8	3 38	1 39	23 39	1 35	14 25	0 59	21 28	1 24	17 59	0 21	9 30
M13	17 55	19 46	4 51	18 18	0 2	4 4	1 41	23 32	1 35	14 29	0 59	21 29	1 24	17 58	0 21	9 30
T 14	18 11	14 48	4 17	18 48	0s 5	4 31	1 42	23 26	1 34	14 33	0 59	21 29	1 24	17 57	0 21	9 29
W15	18 26	8 59	3 27	19 18	0 12	4 57	1 43	23 18	1 34	14 37	0 59	21 30	1 24	17 57	0 21	9 29
T 16	18 41	2 33	2 24	19 47	0 19	5 24	1 45	23 11	1 34	14 41	0 59	21 31	1 24	17 56	0 21	9 28
F 17	18 56	4s13	1 11	20 15	0 25	5 50	1 46	23 4	1 33	14 45	0 59	21 31	1 24	17 55	0 21	9 28
S 18	19 10	10 58	0s10	20 42	0 32	6 17	1 47	22 56	1 33	14 49	0 59	21 32	1 24	17 55	0 21	9 27
S 19	19 24	17 13	1 31	21 7	0 38	6 43	1 48	22 48	1 32	14 53	0 59	21 33	1 24	17 54	0 21	9 27
M20	19 38	22 28	2 47	21 32	0 45	7 9	1 48	22 39	1 32	14 56	0 59	21 33	1 24	17 54	0 21	9 26
T 21	19 51	26 11	3 50	21 56	0 51	7 35	1 49	22 31	1 32	15 0	0 59	21 34	1 23	17 53	0 21	9 26
W22	20 4	27 58	4 37	22 18	0 58	8 1	1 50	22 22	1 31	15 4	0 59	21 35	1 23	17 52	0 21	9 25
T 23	20 17	27 42	5 4	22 39	1 4	8 27	1 50	22 13	1 31	15 8	0 59	21 35	1 23	17 52	0 21	9 25
F 24	20 29	25 34	5 11	23 0	1 10	8 52	1 51	22 4	1 30	15 12	0 59	21 36	1 23	17 51	0 21	9 24
S 25	20 41	21 58	5 0	23 19	1 15	9 18	1 51	21 54	1 30	15 15	0 59	21 36	1 23	17 51	0 21	9 24
S 26	20 52	17 19	4 32	23 37	1 21	9 43	1 52	21 44	1 29	15 19	0 59	21 37	1 23	17 50	0 21	9 23
M27	21 3	12 1	3 51	23 53	1 27	10 9	1 52	21 34	1 29	15 23	0 59	21 38	1 23	17 49	0 21	9 23
T 28	21 14	6 22	3 0	24 9	1 32	10 34	1 52	21 24	1 29	15 26	0 59	21 38	1 23	17 49	0 21	9 23
W29	21 24	0 37	2 1	24 23	1 37	10 58	1 52	21 14	1 28	15 30	0 59	21 39	1 23	17 48	0 21	9 22
T 30	21s34	5n 4	0s59	24s36	1s42	11s23	1n52	21s 3	1s28	15s33	0n59	21s39	1n23	17n48	0s21	9n22

Julian Day Number = 2704962.5, Delta T = 26m47s

Ecliptic obliquity = 23°21'06, Nutation = - 0°00'09

Ayanamsha: Fagan/Bradley = 34°26'48, Lahiri = 33°33'48

# ASTRODIENST EPHEMERIS for the year 2693

DECEMBER 2693

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4 41 24	9♂ 0'58	27♀ 6	20♂ 36	6♂ 13	2♂ 49	16♂ 0	20♂ 50	21♂ 41	28♂ 29	28♂ 9	26♂ 2	24♀ 9	27♂ 41	4♂ 52	F 1
S 2	4 45 20	10° 1'30	8♂ 56	22° 7	7° 27	3° 34	16° 13	20° 57	21♂ 38	28♀ 28	28♂ 9	26♀ 1	24° 5	27° 48	4° 56	S 2
S 3	4 49 17	11° 2'02	20° 44	23° 38	8° 40	4° 20	16° 25	21° 4	21° 36	28° 27	28° 9	25° 58	24° 2	27° 55	5° 0	S 3
M 4	4 53 13	12° 2'37	21♂ 33	25° 8	9° 54	5° 6	16° 37	21° 11	21° 34	28° 26	28° 9	25° 53	23° 59	28° 1	5° 3	M 4
T 5	4 57 10	13° 3'12	14° 25	26° 39	11° 8	5° 52	16° 50	21° 18	21° 32	28° 25	28° 9	25° 45	23° 56	28° 8	5° 7	T 5
W 6	5 1 7	14° 3'49	26° 22	28° 9	12° 22	6° 38	17° 2	21° 25	21° 29	28° 24	28° 8	25° 36	23° 53	28° 15	5° 11	W 6
T 7	5 5 3	15° 4'27	8♂ 26	29° 38	13° 36	7° 24	17° 14	21° 33	21° 27	28° 23	28° 8	25° 26	23° 49	28° 21	5° 15	T 7
F 8	5 9 0	16° 5'07	20° 36	1♂ 8	14° 50	8° 10	17° 27	21° 40	21° 25	28° 22	28° 8	25° 17	23° 46	28° 28	5° 19	F 8
S 9	5 12 56	17° 5'48	2♂ 56	2° 36	16° 4	8° 56	17° 39	21° 47	21° 23	28° 21	28° 8	25° 8	23° 43	28° 35	5° 23	S 9
S 10	5 16 53	18° 6'31	15° 27	4° 5	17° 18	9° 42	17° 51	21° 54	21° 21	28° 20	28° 7	25° 1	23° 40	28° 41	5° 27	S 10
M 11	5 20 49	19° 7'15	28° 12	5° 33	18° 32	10° 28	18° 3	22° 1	21° 18	28° 19	28° 7	24° 56	23° 37	28° 48	5° 32	M 11
T 12	5 24 46	20° 8'00	11♂ 12	7° 0	19° 46	11° 15	18° 15	22° 8	21° 16	28° 18	28° 7	24° 54	23° 34	28° 55	5° 36	T 12
W 13	5 28 42	21° 8'47	24° 32	8° 27	21° 0	12° 1	18° 27	22° 15	21° 14	28° 17	28° 6	24° D54	23° 30	29° 1	5° 40	W 13
T 14	5 32 39	22° 9'36	8♂ 13	9° 53	22° 14	12° 47	18° 39	22° 22	21° 12	28° 16	28° 6	24° 54	23° 27	29° 8	5° 44	T 14
F 15	5 36 36	23° 10'25	22° 18	11° 18	23° 28	13° 33	18° 51	22° 29	21° 10	28° 15	28° 5	24° R55	23° 24	29° 15	5° 49	F 15
S 16	5 40 32	24° 11'17	6♂ 45	12° 42	24° 43	14° 20	19° 3	22° 37	21° 8	28° 15	28° 5	24° 54	23° 21	29° 21	5° 53	S 16
S 17	5 44 29	25° 12'09	21° 34	14° 4	25° 57	15° 6	19° 15	22° 44	21° 6	28° 14	28° 5	24° 52	23° 18	29° 28	5° 57	S 17
M 18	5 48 25	26° 13'03	6♂ 37	15° 26	27° 11	15° 53	19° 26	22° 51	21° 4	28° 13	28° 4	24° 46	23° 15	29° 35	6° 2	M 18
T 19	5 52 22	27° 13'58	21° 46	16° 45	28° 26	16° 39	19° 38	22° 58	21° 3	28° 12	28° 3	24° 39	23° 11	29° 41	6° 6	T 19
W 20	5 56 18	28° 14'54	6♂ 53	18° 3	29° 40	17° 25	19° 50	23° 5	21° 1	28° 12	28° 3	24° 29	23° 8	29° 48	6° 11	W 20
T 21	6 0 15	29° 15'51	21° 45	19° 18	0♂ 55	18° 12	20° 1	23° 12	20° 59	28° 11	28° 2	24° 18	23° 5	29° 55	6° 15	T 21
F 22	6 4 12	0♂ 16'49	6♂ 15	20° 31	2° 9	18° 59	20° 13	23° 19	20° 57	28° 11	28° 2	24° 8	23° 2	0♂ 2	6° 20	F 22
S 23	6 8 8	1° 17'47	20° 17	21° 41	3° 24	19° 45	20° 24	23° 26	20° 55	28° 10	28° 1	24° 0	22° 59	0° 8	6° 25	S 23
S 24	6 12 5	2° 18'46	3♂ 49	22° 47	4° 38	20° 32	20° 35	23° 34	20° 54	28° 9	28° 0	23° 54	22° 55	0° 15	6° 29	S 24
M 25	6 16 1	3° 19'46	16° 53	23° 50	5° 53	21° 18	20° 47	23° 41	20° 52	28° 9	28° 0	23° 51	22° 52	0° 22	6° 34	M 25
T 26	6 19 58	4° 20'45	29° 31	24° 47	7° 8	22° 5	20° 58	23° 48	20° 51	28° 9	27° 59	23° D49	22° 49	0° 28	6° 39	T 26
W 27	6 23 54	5° 21'46	11♀ 48	25° 39	8° 22	22° 52	21° 9	23° 55	20° 49	28° 8	27° 58	23° 49	22° 46	0° 35	6° 44	W 27
T 28	6 27 51	6° 22'46	23° 51	26° 26	9° 37	23° 38	21° 20	24° 2	20° 47	28° 8	27° 57	23° R50	22° 43	0° 42	6° 48	T 28
F 29	6 31 47	7° 23'47	5♂ 43	27° 5	10° 51	24° 25	21° 31	24° 9	20° 46	28° 7	27° 57	23° 49	22° 40	0° 48	6° 53	F 29
S 30	6 35 44	8° 24'49	17° 31	27° 36	12° 6	25° 12	21° 42	24° 16	20° 44	28° 7	27° 56	23° 46	22° 36	0° 55	6° 58	S 30
S 31	6 39 41	9♂ 25'51	29♂ 19	27♂ 59	13♂ 21	25♂ 58	21♂ 52	24♂ 23	20♂ 43	28♀ 7	27♂ 55	23♀ 41	22♀ 33	1♂ 2	7♂ 3	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	21s43	10n30	0n 6	24s48	1s47	11s47	1n52	20s52	1s27	15s37	0n59	21s40	1n23	17n47	0s21	9n21	1s39	19n32	7n58	10n 1	9n20	22n21	12s36	6n33			
S 2	21 52	15 31	1 9	24 58	1 52	12 11	1 51	20 41	1 27	15 41	0 59	21 40	1 22	17 46	0 21	9 21	1 39	19 33	7 58	10 1	9 19	22 23	12 36	6 33			
S 3	22 1	19 57	2 10	25 8	1 56	12 35	1 51	20 30	1 26	15 44	0 59	21 41	1 22	17 46	0 21	9 21	1 39	19 33	7 59	10 0	9 17	22 25	12 35	6 33			
M 4	22 9	23 36	3 4	25 16	2 0	12 59	1 51	20 18	1 26	15 48	0 59	21 41	1 22	17 45	0 21	9 20	1 39	19 33	7 59	9 58	9 16	22 28	12 35	6 32			
T 5	22 17	26 16	3 51	25 22	2 4	13 22	1 50	20 7	1 25	15 51	1 0	21 42	1 22	17 45	0 21	9 20	1 39	19 34	7 59	9 55	9 15	22 30	12 34	6 32			
W 6	22 24	27 46	4 28	25 28	2 7	13 45	1 50	19 55	1 25	15 55	1 0	21 43	1 22	17 44	0 21	9 20	1 39	19 34	8 0	9 52	9 14	22 32	12 34	6 31			
T 7	22 31	27 57	4 53	25 32	2 10	14 8	1 49	19 42	1 24	15 58	1 0	21 43	1 22	17 44	0 21	9 19	1 39	19 34	8 0	9 48	9 13	22 34	12 33	6 31			
F 8	22 38	26 48	5 5	25 34	2 13	14 30	1 48	19 30	1 23	16 1	1 0	21 44	1 22	17 43	0 21	9 19	1 39	19 35	8 0	9 45	9 12	22 36	12 33	6 31			
S 9	22 44	24 21	5 3	25 35	2 16	14 52	1 47	19 18	1 23	16 5	1 0	21 44	1 22	17 42	0 21	9 19	1 39	19 35	8 1	9 41	9 10	22 39	12 32	6 30			
S 10	22 49	20 43	4 47	25 35	2 18	15 14	1 47	19 5	1 22	16 8	1 0	21 45	1 22	17 42	0 21	9 18	1 38	19 35	8 1	9 39	9 9	22 41	12 32	6 30			
M 11	22 54	16 4	4 17	25 34	2 20	15 35	1 46	18 52	1 22	16 11	1 0	21 45	1 22	17 41	0 21	9 18	1 38	19 36	8 1	9 37	9 8	22 43	12 31	6 29			
T 12	22 59	10 36	3 32	25 31	2 21	15 56	1 45	18 39	1 21	16 15	1 0	21 46	1 22	17 41	0 21	9 18	1 38	19 36	8 1	9 36	9 7	22 45	12 30	6 29			
W 13	23 3	4 33	2 35	25 27	2 22	16 17	1 43	18 25	1 21	16 18	1 0	21 46	1 22	17 40	0 21	9 18	1 38	19 36	8 2	9 36	9 6	22 47	12 30	6 29			
T 14	23 7	1s54	1 28	25 21	2 23	16 37	1 42	18 12	1 20	16 21	1 0	21 46	1 22	17 40	0 21	9 17	1 38	19 37	8 2	9 37	9 5	22 50	12 29	6 28			
F 15	23 11	8 26	0 14	25 15	2 23	16 56	1 41	17 58	1 20	16 24	1 0	21 47	1 22	17 39	0 21	9 17	1 38	19 37	8 2	9 37	9 3	22 52	12 28	6 28			
S 16	23 13	14 43	1s 3	25 6	2 22	17 16	1 40	17 44	1 19	16 27	1 0	21 47	1 22	17 39	0 21	9 17	1 38	19 38	8 3	9 37	9 2	22 54	12 28	6 28			
S 17	23 16	20 18	2 17	24 57	2 21	17 35	1 38	17 30	1 18	16 31	1 0	21 48	1 21	17 38	0 21	9 17	1 38	19 38	8 3	9 36	9 1	22 56	12 27	6 27			
M 18	23 18	24 40	3 23	24 46	2 19	17 53	1 37	17 15	1 18	16 34	1 0	21 48	1 21	17 38	0 21	9 16	1 38	19 39	8 3	9 34	9 0	22 58	12 26	6 27			
T 19	23 19	27 21	4 15	24 34	2 17	18 11	1 35	17 1	1 17	16 37	1 0	21 49	1 21	17 37	0 21	9 16	1 38	19 39	8 3	9 31	8 59	23 0	12 25	6 27			
W 20	23 20	27 59	4 49	24 21	2 14	18 29	1 34	16 46	1 17	16 40	1 0	21 49	1 21	17 37	0 20	9 16	1 38	19 40	8 4	9 27	8 58	23 2	12 25	6 26			
T 21	23 21	26 35	5 3	24 7	2 10	18 46	1 32	16 31	1 16	16 43	1 0	21 49	1 21	17 36	0 20	9 16	1 38	19 40	8 4	9 23	8 56	23 5	12 24	6 26			
F 22	23 21	23 26	4 56	23 51	2 5	19 2	1 31	16 16	1 15	16 46	1 0	21 50	1 21	17 36	0 20	9 16	1 38	19 40	8 4	9 20	8 55	23 7	12 23	6 26			
S 23	23 21	18 58	4 32	23 35	2 0	19 18	1 29	16 1	1 15	16 49	1 0	21 50	1 21	17 36	0 20	9 16	1 38	19 41	8 4	9 17	8 54	23 9	12 22	6 26			
S 24	23 20	13 42	3 53	23 18	1 53	19 34	1 27	15 46	1 14	16 52	1 0	21 51	1 21	17 35	0 20	9 15	1 38	19 41	8 5	9 14	8 53	23 11	12 21	6 25			
M 25	23 19	7 59	3 3	23 0	1 46	19 49	1 25	15 31	1 14	16 55	1 1	21 51	1 21	17 35	0 20	9 15	1 38	19 42	8 5	9 13	8 52	23 13	12 20	6 25			
T 26	23 17	2 7	2 6	22 42	1 38	20 3	1 23	15 15	1 13	16 57	1 1	21 51	1 21	17 34	0 20	9 15	1 38	19 42	8 5	9 13	8 51	23 15	12 20	6 25			
W 27	23 15	3n41	1 3	22 23	1 28	20 17	1 21	14 59	1 12	17 0	1 1	21 52	1 21	17 34	0 20	9 15	1 38	19 43	8 5	9 13	8 49	23 17	12 19	6 25			
T 28	23 12	9 13	0n 0	22 4	1 18	20 30	1 19	14 43	1 12	17 3	1 1	21 52	1 21	17 34	0 20	9 15	1 38	19 43	8 6	9 13	8 48	23 19	12 18	6 24			
F 29	23 9	14 22	1 3	21 44	1 6	20 43	1 17	14 27	1 11	17 6	1 1	21 52	1 21	17 33	0 20	9 15	1 38	19 44	8 6	9 13	8 47	23 21	12 17	6 24			
S 30	23 5	18 57	2 2	21 25	0 53	20 55	1 15	14 11	1 10	17 8	1 1	21 53	1 21	17 33	0 20	9 15	1 38	19 44	8 6	9 12	8 46	23 24	12 16	6 24			
S 31	23s 1	22n48	2n56	21s 7	0s38	21s 7	1n13	13s54	1s10	17s11	1n 1	21s53	1n21	17n32	0s20	9n15	1s38	19n45	8n 7	9n10	8n45	23n26	12s15	6n24			

## ASTRODIENST EPHEMERIS for the year 2694

JANUARY 2694

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	6 43 37	10°26'53	11°11'10	28°31'12	14°37'36	26°34'45	22°11'3	24°37'30	20°42'42	28°16'6	27°15'54	23°13'33	22°17'30	1°11'8	7°38'8	M 1
T 2	6 47 34	11°27'56	23°8	28°15'50	15°50	27°32	22°14	24°37	20°44	28°16	27°15	23°13	22°27	1°15	7°13	T 2
W 3	6 51 30	12°28'59	5°13	28°7	17°5	28°19	22°24	24°44	20°39	28°6	27°52	23°9	22°24	1°22	7°18	W 3
T 4	6 55 27	13°30'03	17°29	27°47	18°20	29°5	22°34	24°50	20°38	28°6	27°51	22°55	22°21	1°28	7°23	T 4
F 5	6 59 23	14°31'07	29°54	27°15	19°35	29°52	22°45	24°57	20°37	28°6	27°50	22°40	22°17	1°35	7°28	F 5
S 6	7 3 20	15°32'11	12°23	26°31	20°50	0°39	22°55	25°4	20°36	28°6	27°50	22°27	22°14	1°42	7°33	S 6
S 7	7 7 16	16°33'16	25°15	25°37	22°4	1°26	23°5	25°11	20°34	28°6	27°49	22°17	22°11	1°48	7°38	S 7
M 8	7 11 13	17°34'21	8°12	24°33	23°19	2°13	23°15	25°18	20°33	28°6	27°48	22°9	22°8	1°55	7°43	M 8
T 9	7 15 10	18°35'27	21°21	23°21	24°34	2°59	23°25	25°24	20°32	28°6	27°46	22°4	22°5	2°2	7°48	T 9
W10	7 19 6	19°36'33	4°43	22°3	25°49	3°46	23°35	25°31	20°31	28°6	27°45	22°2	22°1	2°8	7°54	W10
T 11	7 23 3	20°37'40	18°19	20°42	27°4	4°33	23°45	25°38	20°31	28°6	27°44	22°2	21°58	2°15	7°59	T 11
F 12	7 26 59	21°38'47	2°13	19°20	28°19	5°20	23°54	25°45	20°30	28°6	27°43	22°2	21°55	2°22	8°4	F 12
S 13	7 30 56	22°39'55	16°23	18°0	29°34	6°7	24°4	25°51	20°29	28°6	27°42	22°0	21°52	2°28	8°9	S 13
S 14	7 34 52	23°41'03	0°35	16°45	0°49	6°54	24°13	25°58	20°28	28°6	27°41	21°57	21°49	2°35	8°14	S 14
M15	7 38 49	24°42'11	15°29	15°37	2°4	7°40	24°23	26°4	20°27	28°6	27°40	21°51	21°46	2°42	8°20	M15
T 16	7 42 45	25°43'20	0°31	14°37	3°19	8°27	24°32	26°11	20°27	28°7	27°39	21°42	21°42	2°48	8°25	T 16
W17	7 46 42	26°44'29	15°5	13°45	4°34	9°14	24°41	26°17	20°26	28°7	27°38	21°30	21°39	2°55	8°30	W17
T 18	7 50 39	27°45'37	29°44	13°4	5°49	10°1	24°50	26°24	20°26	28°7	27°36	21°18	21°36	3°2	8°35	T 18
F 19	7 54 35	28°46'46	14°7	12°33	7°4	10°48	24°59	26°30	20°25	28°8	27°35	21°6	21°33	3°8	8°41	F 19
S 20	7 58 32	29°47'54	28°7	12°12	8°19	11°35	25°8	26°37	20°25	28°8	27°34	20°55	21°30	3°15	8°46	S 20
S 21	8 2 28	0°49'02	11°41	12°1	9°34	12°22	25°16	26°43	20°24	28°9	27°33	20°47	21°27	3°22	8°51	S 21
M22	8 6 25	1°50'10	24°49	11°D58	10°49	13°8	25°25	26°49	20°24	28°9	27°31	20°42	21°23	3°29	8°56	M22
T 23	8 10 21	2°51'16	7°31	12°5	12°4	13°55	25°33	26°56	20°24	28°9	27°30	20°40	21°20	3°35	9°2	T 23
W24	8 14 18	3°52'23	19°32	12°19	13°19	14°42	25°41	27°2	20°23	28°10	27°29	20°D39	21°17	3°42	9°7	W24
T 25	8 18 14	4°53'29	1°58	12°40	14°34	15°29	25°49	27°8	20°23	28°11	27°28	20°R39	21°14	3°49	9°12	T 25
F 26	8 22 11	5°54'34	13°52	13°8	15°49	16°16	25°58	27°14	20°23	28°11	27°26	20°39	21°11	3°55	9°18	F 26
S 27	8 26 8	6°55'38	25°41	13°42	17°4	17°3	26°5	27°20	20°23	28°12	27°25	20°37	21°7	4°2	9°23	S 27
S 28	8 30 4	7°56'42	7°11	14°21	18°19	17°49	26°13	27°26	20°D23	28°13	27°24	20°33	21°4	4°9	9°28	S 28
M29	8 34 1	8°57'45	19°24	15°5	19°35	18°36	26°21	27°32	20°23	28°13	27°22	20°27	21°1	4°15	9°34	M29
T 30	8 37 57	9°58'48	1°26	15°54	20°50	19°23	26°28	27°38	20°23	28°14	27°21	20°17	20°58	4°22	9°39	T 30
W31	8 41 54	10°59'50	13°40	16°36	22°5	20°10	26°13	27°44	20°23	28°15	27°20	20°17	20°55	4°29	9°44	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	22s57	25n43	3n43	20s49	0s23	21s17	1n11	13s38	1s9	17s14	1n1	21s53	1n21	17n32	0s20	M 1
T 2	22 52	27 30	4 20	20 32	0 6	21 28	1 9	13 21	1 8	17 16	1 1	21 54	1 21	17 32	0 20	T 2
W 3	22 46	28 0	4 46	20 17	0n11	21 37	1 6	13 5	1 8	17 19	1 1	21 54	1 21	17 31	0 20	W 3
T 4	22 40	27 9	4 58	20 2	0 30	21 47	1 4	12 48	1 7	17 22	1 1	21 54	1 21	17 31	0 20	T 4
F 5	22 34	24 56	4 57	19 50	0 49	21 55	1 2	12 31	1 6	17 24	1 1	21 55	1 21	17 31	0 20	F 5
S 6	22 27	21 30	4 42	19 39	1 9	22 3	0 59	12 14	1 6	17 27	1 1	21 55	1 21	17 31	0 20	S 6
S 7	22 20	17 1	4 12	19 30	1 28	22 10	0 57	11 56	1 5	17 29	1 2	21 55	1 21	17 30	0 20	S 7
M 8	22 12	11 42	3 29	19 22	1 47	22 16	0 55	11 39	1 4	17 31	1 2	21 55	1 21	17 30	0 20	M 8
T 9	22 4	5 47	2 34	19 17	2 6	22 22	0 52	11 22	1 4	17 34	1 2	21 56	1 21	17 30	0 20	T 9
W10	21 55	0s29	1 30	19 13	2 22	22 27	0 50	11 4	1 3	17 36	1 2	21 56	1 21	17 30	0 20	W10
T 11	21 46	6 51	0 20	19 10	2 37	22 32	0 47	10 46	1 2	17 38	1 2	21 56	1 21	17 29	0 20	T 11
F 12	21 37	13 2	0s54	19 10	2 50	22 36	0 45	10 29	1 1	17 41	1 2	21 56	1 21	17 29	0 20	F 12
S 13	21 27	18 40	2 5	19 10	3 0	22 39	0 42	10 11	1 1	17 43	1 2	21 56	1 21	17 29	0 20	S 13
S 14	21 17	23 20	3 9	19 12	3 8	22 41	0 40	9 53	1 0	17 45	1 2	21 57	1 21	17 29	0 20	S 14
M15	21 6	26 35	4 2	19 15	3 13	22 43	0 37	9 35	0 59	17 47	1 2	21 57	1 21	17 29	0 20	M15
T 16	20 55	28 1	4 40	19 18	3 16	22 44	0 34	9 17	0 59	17 49	1 2	21 57	1 21	17 29	0 20	T 16
W17	20 44	27 26	4 58	19 23	3 17	22 45	0 32	8 58	0 58	17 51	1 3	21 57	1 21	17 28	0 20	W17
T 18	20 32	24 58	4 57	19 29	3 15	22 44	0 29	8 40	0 57	17 54	1 3	21 57	1 21	17 28	0 20	T 18
F 19	20 20	20 57	4 37	19 35	3 12	22 43	0 27	8 22	0 56	17 56	1 3	21 58	1 21	17 28	0 20	F 19
S 20	20 7	15 50	4 0	19 41	3 7	22 42	0 24	8 3	0 56	17 58	1 3	21 58	1 21	17 28	0 20	S 20
S 21	19 54	10 5	3 10	19 48	3 1	22 39	0 21	7 45	0 55	17 59	1 3	21 58	1 21	17 28	0 20	S 21
M22	19 41	4 5	2 12	19 56	2 54	22 36	0 19	7 26	0 54	18 1	1 3	21 58	1 21	17 28	0 20	M22
T 23	19 27	1n55	1 9	20 3	2 46	22 32	0 16	7 8	0 54	18 3	1 3	21 58	1 21	17 28	0 20	T 23
W24	19 13	7 41	0 4	20 10	2 37	22 28	0 13	6 49	0 53	18 5	1 3	21 58	1 21	17 28	0 20	W24
T 25	18 58	13 3	1n0	20 18	2 28	22 23	0 11	6 30	0 52	18 7	1 4	21 58	1 21	17 28	0 20	T 25
F 26	18 44	17 51	2 0	20 25	2 18	22 17	0 8	6 11	0 51	18 9	1 4	21 58	1 21	17 28	0 20	F 26
S 27	18 28	21 56	2 54	20 31	2 9	22 11	0 5	5 53	0 51	18 10	1 4	21 59	1 21	17 28	0 20	S 27
S 28	18 13	25 7	3 41	20 37	1 59	22 3	0 3	5 34	0 50	18 12	1 4	21 59	1 21	17 28	0 20	S 28
M29	17 57	27 14	4 19	20 42	1 48	21 56	0 0	5 15	0 49	18 14	1 4	21 59	1 21	17 28	0 20	M29
T 30	17 41	28 6	4 46	20 47	1 38	21 47	0s2	4 56	0 48	18 15	1 4	21 59	1 21	17 28	0 20	T 30
W31	17s24	27n37	5n0	20s51	1n28	21s38	0s5	4s37	0s48	18s17	1n4	21s59	1n21	17n28	0s19	W31

Julian Day Number = 2705023.5, Delta T = 26m47s

Ecliptic obliquity = 23°21'05, Nutation = - 0°00'06

Ayanamsha: Fagan/Bradley = 34°26'57, Lahiri = 33°33'57

## ASTRODIENST EPHEMERIS for the year 2694

FEBRUARY 2694

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 45 50	12°05'1	26°07	17°342	23°320	20°56	26°43	27°50	20°23	28°16	27°18	19°53	20°52	4°35	9°50	T 1
F 2	8 49 47	13° 1'51	8°48	18°41	24°35	21°43	26°50	27°55	20°24	28°16	27°17	19°41	20°48	4°42	9°55	F 2
S 3	8 53 44	14° 2'50	21°43	19°43	25°50	22°30	26°57	28° 1	20°24	28°17	27°15	19°29	20°45	4°49	10° 0	S 3
S 4	8 57 40	15° 3'49	4°50	20°48	27° 5	23°17	27° 4	28° 7	20°24	28°18	27°14	19°20	20°42	4°55	10° 6	S 4
M 5	9 1 37	16° 4'47	18° 9	21°55	28°20	24° 3	27°10	28°12	20°25	28°19	27°13	19°13	20°39	5° 2	10°11	M 5
T 6	9 5 33	17° 5'45	1°38	23° 4	29°35	24°50	27°17	28°18	20°25	28°20	27°11	19° 9	20°36	5° 9	10°16	T 6
W 7	9 9 30	18° 6'42	15°16	24°16	0°50	25°36	27°23	28°23	20°26	28°21	27°10	19°D 8	20°33	5°15	10°21	W 7
T 8	9 13 26	19° 7'38	29° 3	25°29	2° 5	26°23	27°29	28°28	20°26	28°22	27° 8	19° 8	20°29	5°22	10°27	T 8
F 9	9 17 23	20° 8'34	12°58	26°43	3°21	27°10	27°35	28°34	20°27	28°23	27° 7	19° 8	20°26	5°29	10°32	F 9
S 10	9 21 19	21° 9'30	27° 2	28° 0	4°36	27°56	27°41	28°39	20°27	28°24	27° 6	19°R 8	20°23	5°35	10°37	S 10
S 11	9 25 16	22°10'24	11°14	29°17	5°51	28°43	27°47	28°44	20°28	28°25	27° 4	19° 7	20°20	5°42	10°42	S 11
M 12	9 29 13	23°11'19	25°31	0°36	7° 6	29°29	27°52	28°49	20°29	28°27	27° 3	19° 3	20°17	5°49	10°48	M 12
T 13	9 33 9	24°12'12	9°32	1°57	8°21	0°16	27°58	28°54	20°30	28°28	27° 1	18°57	20°13	5°56	10°53	T 13
W 14	9 37 6	25°13'05	24°11	3°18	9°36	1° 2	28° 3	28°59	20°30	28°29	27° 0	18°48	20°10	6° 2	10°58	W 14
T 15	9 41 2	26°13'57	8°23	4°41	10°51	1°49	28° 8	29° 4	20°31	28°30	26°58	18°39	20° 7	6° 9	11° 3	T 15
F 16	9 44 59	27°14'47	22°24	6° 5	12° 6	2°35	28°13	29° 9	20°32	28°32	26°57	18°30	20° 4	6°16	11° 8	F 16
S 17	9 48 55	28°15'37	6°7	7°29	13°22	3°22	28°18	29°14	20°33	28°33	26°56	18°23	20° 1	6°22	11°13	S 17
S 18	9 52 52	29°16'25	19°31	8°55	14°37	4° 8	28°23	29°19	20°34	28°34	26°54	18°17	19°58	6°29	11°19	S 18
M 19	9 56 48	0°17'12	2°13	10°22	15°52	4°54	28°27	29°23	20°35	28°36	26°53	18°13	19°54	6°36	11°24	M 19
T 20	10 0 45	1°17'57	15°14	11°50	17° 7	5°41	28°31	29°28	20°37	28°37	26°51	18°D 12	19°51	6°42	11°29	T 20
W 21	10 4 41	2°18'42	27°36	13°18	18°22	6°27	28°35	29°32	20°38	28°38	26°50	18°12	19°48	6°49	11°34	W 21
T 22	10 8 38	3°19'24	9°43	14°48	19°37	7°13	28°39	29°37	20°39	28°40	26°48	18°14	19°45	6°56	11°39	T 22
F 23	10 12 35	4°20'05	21°40	16°18	20°52	8° 0	28°43	29°41	20°40	28°41	26°47	18°15	19°42	7° 2	11°44	F 23
S 24	10 16 31	5°20'45	3°31	17°49	22° 7	8°46	28°47	29°45	20°42	28°43	26°46	18°R 16	19°39	7° 9	11°49	S 24
S 25	10 20 28	6°21'23	15°21	19°22	23°22	9°32	28°50	29°49	20°43	28°44	26°44	18°15	19°35	7°16	11°54	S 25
M 26	10 24 24	7°22'00	27°17	20°55	24°37	10°18	28°53	29°53	20°45	28°46	26°43	18°13	19°32	7°22	11°59	M 26
T 27	10 28 21	8°22'34	9°21	22°29	25°52	11° 4	28°56	29°57	20°46	28°47	26°41	18° 9	19°29	7°29	12° 4	T 27
W 28	10 32 17	9°23'07	21°39	24°33	27° 7	11°50	28°59	0°3	20°48	28°49	26°40	18°Y 3	19°Y 26	7°36	12° 9	W 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
T 1	17s 8	25n45	5n 0	20s54	1n18	21s28	0s 8	4s18	0s47	18s18	1n 4	21s59	1n21	17n28	0s19	T 1
F 2	16 51	22 35	4 45	20 56	1 8	21 18	0 10	3 59	0 46	18 20	1 5	21 59	1 21	17 28	0 19	F 2
S 3	16 33	18 15	4 16	20 57	0 58	21 7	0 13	3 40	0 45	18 21	1 5	21 59	1 21	17 28	0 19	S 3
S 4	16 15	13 0	3 33	20 57	0 48	20 55	0 15	3 21	0 45	18 23	1 5	21 59	1 21	17 28	0 19	S 4
M 5	15 58	7 5	2 37	20 57	0 38	20 42	0 18	3 1	0 44	18 24	1 5	21 59	1 21	17 28	0 19	M 5
T 6	15 39	0 46	1 32	20 55	0 29	20 29	0 20	2 42	0 43	18 25	1 5	21 59	1 21	17 29	0 19	T 6
W 7	15 21	5s40	0 21	20 52	0 20	20 16	0 23	2 23	0 42	18 27	1 5	21 59	1 21	17 29	0 19	W 7
T 8	15 2	11 55	0s53	20 48	0 11	20 2	0 25	2 4	0 42	18 28	1 5	21 59	1 21	17 29	0 19	T 8
F 9	14 43	17 38	2 4	20 42	0 2	19 47	0 27	1 45	0 41	18 29	1 5	21 59	1 21	17 29	0 19	F 9
S 10	14 24	22 29	3 8	20 36	0s 7	19 32	0 30	1 26	0 40	18 30	1 6	21 59	1 21	17 29	0 19	S 10
S 11	14 4	26 2	4 2	20 28	0 15	19 16	0 32	1 7	0 39	18 31	1 6	21 59	1 21	17 29	0 19	S 11
M 12	13 44	27 57	4 40	20 20	0 23	18 59	0 34	0 47	0 38	18 33	1 6	21 59	1 21	17 30	0 19	M 12
T 13	13 24	28 0	5 2	20 10	0 31	18 42	0 37	0 28	0 38	18 34	1 6	21 59	1 22	17 30	0 19	T 13
W 14	13 4	26 11	5 4	19 59	0 39	18 24	0 39	0 9	0 37	18 35	1 6	21 59	1 22	17 30	0 19	W 14
T 15	12 44	22 44	4 48	19 46	0 46	18 6	0 41	0n10	0 36	18 36	1 6	21 59	1 22	17 30	0 19	T 15
F 16	12 23	18 0	4 14	19 33	0 53	17 48	0 43	0 29	0 35	18 37	1 7	21 59	1 22	17 31	0 19	F 16
S 17	12 2	12 26	3 26	19 18	1 0	17 29	0 45	0 48	0 35	18 38	1 7	21 59	1 22	17 31	0 19	S 17
S 18	11 41	6 25	2 28	19 2	1 7	17 9	0 48	1 7	0 34	18 38	1 7	21 59	1 22	17 31	0 19	S 18
M 19	11 20	0 16	1 23	18 45	1 13	16 49	0 50	1 26	0 33	18 39	1 7	21 59	1 22	17 32	0 19	M 19
T 20	10 58	5n44	0 16	18 27	1 19	16 28	0 52	1 45	0 32	18 40	1 7	21 59	1 22	17 32	0 19	T 20
W 21	10 37	11 22	0n51	18 7	1 25	16 7	0 54	2 4	0 32	18 41	1 7	21 59	1 22	17 32	0 19	W 21
T 22	10 15	16 28	1 54	17 46	1 30	15 45	0 55	2 23	0 31	18 41	1 7	21 59	1 22	17 33	0 19	T 22
F 23	9 53	20 52	2 51	17 24	1 35	15 23	0 57	2 42	0 30	18 42	1 8	21 59	1 22	17 33	0 19	F 23
S 24	9 31	24 23	3 41	17 1	1 40	15 1	0 59	3 1	0 29	18 43	1 8	21 59	1 22	17 33	0 19	S 24
S 25	9 9	26 52	4 21	16 37	1 44	14 38	1 1	3 20	0 29	18 43	1 8	21 59	1 22	17 34	0 19	S 25
M 26	8 46	28 9	4 50	16 11	1 48	14 15	1 3	3 38	0 28	18 44	1 8	21 59	1 22	17 34	0 19	M 26
T 27	8 24	28 7	5 6	15 44	1 52	13 51	1 4	3 57	0 27	18 44	1 8	21 59	1 22	17 35	0 19	T 27
W 28	8s 1	26n42	5n 9	15s16	1s56	13s27	1s 6	4n16	0s26	18s45	1n 8	21s59	1n22	17n35	0s19	W 28

Julian Day Number = 2705054.5, Delta T = 26m48s

Ecliptic obliquity = 23°21'05", Nutation = - 0°00'05"

Ayanamsha: Fagan/Bradley = 34°27'01", Lahiri = 33°34'01"

## ASTRODIENST EPHEMERIS for the year 2694

MARCH 2694

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 36 14	10 <sup>h</sup> 23'39"	4 <sup>h</sup> 13'	25 <sup>h</sup> 39'	28 <sup>h</sup> 22'	12 <sup>h</sup> 37'	29 <sup>h</sup> 11'	0 <sup>h</sup> 35'	20 <sup>h</sup> 49'	28 <sup>h</sup> 51'	26 <sup>h</sup> 38'	17 <sup>h</sup> 57'	19 <sup>h</sup> 23'	7 <sup>h</sup> 43'	12 <sup>h</sup> 13'	T 1
F 2	10 40 11	11 <sup>h</sup> 24'09"	17° 6'	27°16'	29°37'	13°23'	29° 4'	0° 9'	20°51'	28°52'	26°37'	17°50'	19°19'	7°49'	12°18'	F 2
S 3	10 44 7	12°24'37"	0 <sup>h</sup> 16'	28°53'	0 <sup>h</sup> 52'	14° 8'	29° 7'	0°13'	20°53'	28°54'	26°36'	17°44'	19°16'	7°56'	12°23'	S 3
S 4	10 48 4	13°25'03"	13°45'	0 <sup>h</sup> 32'	2° 7'	14°54'	29° 9'	0°16'	20°54'	28°56'	26°34'	17°39'	19°13'	8° 3'	12°28'	S 4
M 5	10 52 0	14°25'28"	27°28'	2°11'	3°22'	15°40'	29°11'	0°20'	20°56'	28°57'	26°33'	17°36'	19°10'	8° 9'	12°32'	M 5
T 6	10 55 57	15°25'51"	11 <sup>h</sup> 24'	3°52'	4°37'	16°26'	29°13'	0°23'	20°58'	28°59'	26°32'	17°D35'	19° 7'	8°16'	12°37'	T 6
W 7	10 59 53	16°26'13"	25°28'	5°33'	5°52'	17°12'	29°14'	0°26'	21° 0'	29° 1'	26°30'	17°35'	19° 4'	8°23'	12°42'	W 7
T 8	11 3 50	17°26'33"	9 <sup>h</sup> 13'	7°15'	7° 7'	17°58'	29°16'	0°30'	21° 2'	29° 3'	26°29'	17°36'	19° 0'	8°29'	12°46'	T 8
F 9	11 7 46	18°26'53"	23°51'	8°58'	8°22'	18°44'	29°17'	0°33'	21° 4'	29° 4'	26°28'	17°37'	18°57'	8°36'	12°51'	F 9
S 10	11 11 43	19°27'10"	8 <sup>h</sup> 13'	10°43'	9°37'	19°29'	29°18'	0°36'	21° 6'	29° 6'	26°26'	17°39'	18°54'	8°43'	12°55'	S 10
S 11	11 15 39	20°27'27"	22°14'	12°28'	10°52'	20°15'	29°19'	0°39'	21° 8'	29° 8'	26°25'	17°R39'	18°51'	8°49'	13° 0'	S 11
M12	11 19 36	21°27'42"	6 <sup>h</sup> 32'	14°14'	12° 7'	21° 1'	29°19'	0°42'	21°10'	29°10'	26°24'	17°38'	18°48'	8°56'	13° 4'	M12
T 13	11 23 33	22°27'56"	20°21'	16° 2'	13°22'	21°46'	29°20'	0°44'	21°12'	29°12'	26°22'	17°36'	18°45'	9° 3'	13° 9'	T 13
W14	11 27 29	23°28'08"	4 <sup>h</sup> 15'	17°50'	14°37'	22°32'	29°20'	0°47'	21°14'	29°14'	26°21'	17°33'	18°41'	9° 9'	13°13'	W14
T 15	11 31 26	24°28'19"	17°58'	19°39'	15°52'	23°17'	29°R20'	0°50'	21°16'	29°16'	26°20'	17°30'	18°38'	9°16'	13°18'	T 15
F 16	11 35 22	25°28'28"	1 <sup>h</sup> 30'	21°30'	17° 7'	24° 3'	29°20'	0°52'	21°18'	29°18'	26°19'	17°26'	18°35'	9°23'	13°22'	F 16
S 17	11 39 19	26°28'35"	14°48'	23°22'	18°22'	24°48'	29°20'	0°55'	21°21'	29°20'	26°18'	17°23'	18°32'	9°30'	13°26'	S 17
S 18	11 43 15	27°28'40"	27°51'	25°14'	19°37'	25°34'	29°19'	0°57'	21°23'	29°22'	26°16'	17°21'	18°29'	9°36'	13°30'	S 18
M19	11 47 12	28°28'44"	10 <sup>h</sup> 38'	27° 8'	20°52'	26°19'	29°19'	0°59'	21°25'	29°24'	26°15'	17°20'	18°25'	9°43'	13°34'	M19
T 20	11 51 8	29°28'46"	23° 9'	29° 2'	22° 7'	27° 4'	29°18'	1° 1'	21°28'	29°26'	26°14'	17°D20'	18°22'	9°50'	13°39'	T 20
W21	11 55 5	0 <sup>h</sup> 28'45"	5 <sup>h</sup> 27'	0 <sup>h</sup> 58'	23°22'	27°50'	29°17'	1° 3'	21°30'	29°28'	26°13'	17°21'	18°19'	9°56'	13°43'	W21
T 22	11 59 2	1°28'43"	17°32'	2°54'	24°36'	28°35'	29°16'	1° 5'	21°33'	29°30'	26°12'	17°22'	18°16'	10° 3'	13°47'	T 22
F 23	12 2 58	2°28'39"	29°29'	4°51'	25°51'	29°20'	29°14'	1° 7'	21°35'	29°32'	26°11'	17°24'	18°13'	10°10'	13°51'	F 23
S 24	12 6 55	3°28'33"	11 <sup>h</sup> 20'	6°49'	27° 6'	0 <sup>h</sup> 5	29°13'	1° 9'	21°38'	29°34'	26° 9'	17°25'	18°10'	10°16'	13°55'	S 24
S 25	12 10 51	4°28'25"	23°11'	8°48'	28°21'	0°50'	29°11'	1°10'	21°40'	29°36'	26° 8'	17°26'	18° 6'	10°23'	13°58'	S 25
M26	12 14 48	5°28'14"	5 <sup>h</sup> 26'	10°46'	29°36'	1°35'	29° 9'	1°12'	21°43'	29°38'	26° 7'	17°R26'	18° 3'	10°30'	14° 2'	M26
T 27	12 18 44	6°28'01"	17°10'	12°46'	0 <sup>h</sup> 50'	2°21'	29° 7'	1°13'	21°45'	29°40'	26° 6'	17°26'	18° 0'	10°36'	14° 6'	T 27
W28	12 22 41	7°27'46"	29°27'	14°45'	2° 5'	3° 5'	29° 4'	1°15'	21°48'	29°42'	26° 5'	17°25'	17°57'	10°43'	14°10'	W28
T 29	12 26 37	8°27'29"	12 <sup>h</sup> 12'	16°44'	3°20'	3°50'	29° 2'	1°16'	21°51'	29°44'	26° 4'	17°24'	17°54'	10°50'	14°13'	T 29
F 30	12 30 34	9°27'10"	24°57'	18°42'	4°35'	4°35'	28°59'	1°17'	21°54'	29°47'	26° 3'	17°23'	17°50'	10°57'	14°17'	F 30
S 31	12 34 31	10 <sup>h</sup> 26'48"	8 <sup>h</sup> 15'	20 <sup>h</sup> 40'	5 <sup>h</sup> 49'	5 <sup>h</sup> 20'	28 <sup>h</sup> 56'	1 <sup>h</sup> 38'	21 <sup>h</sup> 56'	29 <sup>h</sup> 49'	26 <sup>h</sup> 2	17 <sup>h</sup> 22'	17 <sup>h</sup> 47'	11 <sup>h</sup> 3	14 <sup>h</sup> 21'	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
T 1	7s39	23n57	4n58	14s47	1s59	13s 3	1s 7	4n34	0s26	18s45	1n 8	21s59	1n22	17n36	0s19	T 1
F 2	7 16	19 57	4 31	14 17	2 1	12 38	1 9	4 53	0 25	18 46	1 9	21 59	1 22	17 36	0 19	F 2
S 3	6 53	14 55	3 49	13 45	2 4	12 13	1 10	5 11	0 24	18 46	1 9	21 59	1 23	17 36	0 19	S 3
S 4	6 30	9 3	2 54	13 12	2 6	11 48	1 12	5 30	0 23	18 46	1 9	21 58	1 23	17 37	0 19	S 4
M 5	6 7	2 39	1 48	12 38	2 7	11 22	1 13	5 48	0 22	18 47	1 9	21 58	1 23	17 37	0 19	M 5
T 6	5 43	3s58	0 34	12 3	2 8	10 56	1 14	6 6	0 22	18 47	1 9	21 58	1 23	17 38	0 19	T 6
W 7	5 20	10 29	0s43	11 27	2 9	10 30	1 16	6 24	0 21	18 47	1 9	21 58	1 23	17 38	0 19	W 7
T 8	4 57	16 31	1 58	10 49	2 10	10 3	1 17	6 43	0 20	18 47	1 10	21 58	1 23	17 39	0 19	T 8
F 9	4 33	21 40	3 6	10 11	2 10	9 36	1 18	7 1	0 19	18 47	1 10	21 58	1 23	17 39	0 19	F 9
S 10	4 10	25 33	4 2	9 31	2 9	9 9	1 19	7 19	0 19	18 47	1 10	21 58	1 23	17 40	0 19	S 10
S 11	3 46	27 51	4 44	8 50	2 8	8 42	1 20	7 36	0 18	18 47	1 10	21 58	1 23	17 41	0 19	S 11
M12	3 22	28 19	5 8	8 8	2 7	8 14	1 21	7 54	0 17	18 47	1 10	21 58	1 23	17 41	0 19	M12
T 13	2 59	26 59	5 13	7 25	2 5	7 46	1 22	8 12	0 16	18 47	1 10	21 58	1 23	17 42	0 19	T 13
W14	2 35	23 59	5 1	6 40	2 3	7 18	1 22	8 30	0 16	18 47	1 10	21 58	1 23	17 42	0 18	W14
T 15	2 11	19 41	4 31	5 55	2 0	6 50	1 23	8 47	0 15	18 47	1 11	21 58	1 23	17 43	0 18	T 15
F 16	1 48	14 25	3 46	5 9	1 56	6 21	1 24	9 4	0 14	18 47	1 11	21 57	1 23	17 43	0 18	F 16
S 17	1 24	8 35	2 50	4 21	1 53	5 53	1 24	9 22	0 14	18 47	1 11	21 57	1 24	17 44	0 18	S 17
S 18	1 0	2 28	1 45	3 33	1 48	5 24	1 25	9 39	0 13	18 46	1 11	21 57	1 24	17 45	0 18	S 18
M19	0 36	3n38	0 37	2 43	1 43	4 55	1 25	9 56	0 12	18 46	1 11	21 57	1 24	17 45	0 18	M19
T 20	0 12	9 28	0n32	1 53	1 38	4 26	1 26	10 13	0 11	18 46	1 11	21 57	1 24	17 46	0 18	T 20
W21	0n11	14 50	1 38	1 2	1 32	3 57	1 26	10 30	0 11	18 46	1 12	21 57	1 24	17 47	0 18	W21
T 22	0 35	19 33	2 39	0 10	1 26	3 27	1 26	10 47	0 10	18 45	1 12	21 57	1 24	17 47	0 18	T 22
F 23	0 59	23 25	3 32	0n43	1 19	2 58	1 27	11 3	0 9	18 45	1 12	21 57	1 24	17 48	0 18	F 23
S 24	1 23	26 17	4 16	1 37	1 11	2 29	1 27	11 20	0 8	18 44	1 12	21 57	1 24	17 49	0 18	S 24
S 25	1 46	27 59	4 49	2 31	1 3	1 59	1 27	11 36	0 8	18 44	1 12	21 57	1 24	17 49	0 18	S 25
M26	2 10	28 24	5 9	3 25	0 54	1 29	1 27	11 53	0 7	18 43	1 12	21 57	1 24	17 50	0 18	M26
T 27	2 34	27 29	5 17	4 20	0 45	1 0	1 27	12 9	0 6	18 43	1 12	21 56	1 24	17 51	0 18	T 27
W28	2 57	25 14	5 10	5 15	0 35	0 30	1 27	12 25	0 6	18 42	1 12	21 56	1 24	17 51	0 18	W28
T 29	3 21	21 44	4 48	6 10	0 25	0 0	1 26	12 41	0 5	18 41	1 13	21 56	1 24	17 52	0 18	T 29
F 30	3 44	17 6	4 11	7 5	0 15	0n30	1 26	12 56	0 4	18 41	1 13	21 56	1 25	17 53	0 18	F 30
S 31	4n 7	11n32	3n20	7n59	0s 4	0n59	1s26	13n12	0s 3	18s40	1n13	21s56	1n25	17n54	0s18	S 31

Julian Day Number = 2705082.5, Delta T = 26m48s

Ecliptic obliquity = 23°21'06", Nutation = - 0°00'04"

Ayanamsha: Fagan/Bradley = 34°27'05", Lahiri = 33°34'05"

# ASTRODIENST EPHEMERIS for the year 2694

APRIL 2694

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 38 27	11°26'24	21°56	22°37	7°4	6°5	28°R53	1°319	21°59	29°51	26°R 1	17°R21	17°44	11°110	14°24	S 1
M 2	12 42 24	12°25'58	5°58	24°32	8°19	6°50	28°M50	1°20	22° 2	29°53	26°R 0	17°Y21	17°41	11°17	14°27	M 2
T 3	12 46 20	13°25'31	20°18	26°26	9°34	7°34	28°47	1°21	22° 5	29°55	26° 0	17°D21	17°38	11°23	14°31	T 3
W 4	12 50 17	14°25'01	4°50	28°17	10°48	8°19	28°43	1°21	22° 8	29°58	25°59	17°21	17°35	11°30	14°34	W 4
T 5	12 54 13	15°24'29	19°29	0°5	12° 3	9° 4	28°39	1°22	22°11	29°59	25°58	17°21	17°31	11°37	14°37	T 5
F 6	12 58 10	16°23'56	4°8	1°51	13°17	9°48	28°35	1°22	22°13	0°2	25°57	17°21	17°28	11°43	14°41	F 6
S 7	13 2 6	17°23'21	18°41	3°32	14°32	10°33	28°31	1°23	22°16	0° 4	25°56	17°R21	17°25	11°50	14°44	S 7
S 8	13 6 3	18°22'44	3°3	5°10	15°47	11°17	28°27	1°23	22°19	0° 6	25°55	17°21	17°22	11°57	14°47	S 8
M 9	13 10 0	19°22'06	17°14	6°44	17° 1	12° 2	28°23	1°23	22°22	0° 9	25°55	17°D21	17°19	12° 4	14°50	M 9
T 10	13 13 56	20°21'26	1°8	8°13	18°16	12°46	28°18	1°R23	22°25	0°11	25°54	17°21	17°16	12°10	14°53	T 10
W 11	13 17 53	21°20'44	14°46	9°36	19°30	13°30	28°13	1°23	22°29	0°13	25°53	17°22	17°12	12°17	14°56	W 11
T 12	13 21 49	22°20'00	28° 9	10°55	20°45	14°14	28° 9	1°23	22°32	0°15	25°52	17°22	17° 9	12°24	14°59	T 12
F 13	13 25 46	23°19'14	11°16	12° 7	21°59	14°59	28° 4	1°22	22°35	0°18	25°52	17°23	17° 6	12°30	15° 1	F 13
S 14	13 29 42	24°18'27	24°10	13°14	23°14	15°43	27°58	1°22	22°38	0°20	25°51	17°23	17° 3	12°37	15° 4	S 14
S 15	13 33 39	25°17'38	6°50	14°14	24°28	16°27	27°53	1°22	22°41	0°22	25°51	17°24	17° 0	12°44	15° 7	S 15
M 16	13 37 35	26°16'47	19°19	15° 8	25°43	17°11	27°48	1°21	22°44	0°24	25°50	17°R24	16°56	12°50	15° 9	M 16
T 17	13 41 32	27°15'54	1°36	15°56	26°57	17°55	27°42	1°20	22°47	0°27	25°49	17°23	16°53	12°57	15°12	T 17
W 18	13 45 28	28°14'59	13°44	16°37	28°12	18°39	27°36	1°20	22°51	0°29	25°49	17°22	16°50	13° 4	15°14	W 18
T 19	13 49 25	29°14'01	25°44	17°11	29°26	19°23	27°30	1°19	22°54	0°31	25°48	17°21	16°47	13°10	15°17	T 19
F 20	13 53 22	0°13'02	7°38	17°39	0°41	20° 7	27°24	1°18	22°57	0°33	25°48	17°19	16°44	13°17	15°19	F 20
S 21	13 57 18	1°12'01	19°29	18° 0	1°55	20°51	27°18	1°17	23° 0	0°36	25°47	17°17	16°41	13°24	15°21	S 21
S 22	14 1 15	2°10'58	1°20	18°14	3°10	21°35	27°12	1°16	23° 4	0°38	25°47	17°15	16°37	13°31	15°24	S 22
M 23	14 5 11	3° 9'52	13°15	18°22	4°24	22°18	27° 6	1°14	23° 7	0°40	25°46	17°14	16°34	13°37	15°26	M 23
T 24	14 9 8	4° 8'44	25°17	18°R23	5°38	23° 2	26°59	1°13	23°10	0°43	25°46	17°12	16°31	13°44	15°28	T 24
W 25	14 13 4	5° 7'34	7°32	18°18	6°53	23°46	26°53	1°12	23°13	0°45	25°46	17°D12	16°28	13°51	15°30	W 25
T 26	14 17 1	6° 6'22	20° 2	18° 6	8° 7	24°29	26°46	1°10	23°17	0°47	25°45	17°13	16°25	13°57	15°32	T 26
F 27	14 20 58	7° 5'07	2°54	17°50	9°21	25°13	26°39	1° 8	23°20	0°49	25°45	17°14	16°22	14° 4	15°33	F 27
S 28	14 24 54	8° 3'50	16°10	17°28	10°35	25°56	26°33	1° 7	23°24	0°52	25°45	17°15	16°18	14°11	15°35	S 28
S 29	14 28 51	9° 2'31	29°51	17° 1	11°50	26°40	26°26	1° 5	23°27	0°54	25°45	17°17	16°15	14°18	15°37	S 29
M 30	14 32 47	10° 1'10	14°0	16°30	13°4	27°23	26°19	1°3	23°30	0°56	25°44	17°R17	16°12	14°24	15°39	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	4n31	5n17	2n16	8n53	0n 8	1n29	1s26	13n27	0s 3	18s39	1n13	21s56	1n25	17n54	0s18	9n55
M 2	4 54	1s24	1 3	9 46	0 19	1 59	1 25	13 43	0 2	18 38	1 13	21 56	1 25	17 55	0 18	9 56
T 3	5 17	8 9	0s16	10 39	0 31	2 29	1 25	13 58	0 1	18 37	1 13	21 56	1 25	17 56	0 18	9 56
W 4	5 40	14 35	1 36	11 30	0 43	2 58	1 24	14 13	0 1	18 36	1 13	21 56	1 25	17 57	0 18	9 57
T 5	6 3	20 15	2 49	12 19	0 55	3 28	1 24	14 28	0n 0	18 36	1 13	21 56	1 25	17 57	0 18	9 58
F 6	6 26	24 41	3 51	13 7	1 7	3 57	1 23	14 43	0 1	18 35	1 14	21 56	1 25	17 58	0 18	9 59
S 7	6 48	27 30	4 38	13 53	1 19	4 27	1 22	14 57	0 2	18 34	1 14	21 56	1 25	17 59	0 18	9 59
S 8	7 11	28 26	5 7	14 38	1 31	4 56	1 21	15 12	0 2	18 33	1 14	21 55	1 25	18 0	0 18	10 0
M 9	7 33	27 29	5 17	15 19	1 42	5 25	1 20	15 26	0 3	18 32	1 14	21 55	1 25	18 0	0 18	10 1
T 10	7 56	24 50	5 8	15 59	1 53	5 55	1 20	15 40	0 4	18 30	1 14	21 55	1 25	18 1	0 18	10 2
W 11	8 18	20 50	4 42	16 36	2 4	6 24	1 19	15 54	0 4	18 29	1 14	21 55	1 25	18 2	0 18	10 3
T 12	8 40	15 50	4 0	17 10	2 14	6 52	1 18	16 8	0 5	18 28	1 14	21 55	1 26	18 3	0 18	10 3
F 13	9 2	10 12	3 7	17 41	2 23	7 21	1 16	16 22	0 6	18 27	1 14	21 55	1 26	18 4	0 18	10 4
S 14	9 23	4 14	2 5	18 10	2 32	7 50	1 15	16 35	0 6	18 26	1 14	21 55	1 26	18 4	0 18	10 5
S 15	9 45	1n49	0 58	18 35	2 39	8 18	1 14	16 48	0 7	18 24	1 14	21 55	1 26	18 5	0 18	10 6
M 16	10 6	7 42	0n11	18 58	2 46	8 46	1 13	17 2	0 8	18 23	1 14	21 55	1 26	18 6	0 18	10 7
T 17	10 28	13 12	1 18	19 17	2 52	9 14	1 11	17 14	0 8	18 22	1 15	21 55	1 26	18 7	0 18	10 7
W 18	10 49	18 8	2 21	19 34	2 56	9 42	1 10	17 27	0 9	18 21	1 15	21 55	1 26	18 8	0 18	10 8
T 19	11 10	22 18	3 17	19 47	3 0	10 10	1 9	17 40	0 10	18 19	1 15	21 55	1 26	18 8	0 18	10 9
F 20	11 30	25 30	4 3	19 57	3 2	10 37	1 7	17 52	0 10	18 18	1 15	21 55	1 26	18 9	0 18	10 10
S 21	11 51	27 35	4 39	20 4	3 3	11 4	1 6	18 5	0 11	18 16	1 15	21 55	1 26	18 10	0 18	10 11
S 22	12 11	28 24	5 4	20 7	3 3	11 31	1 4	18 17	0 12	18 15	1 15	21 55	1 26	18 11	0 18	10 11
M 23	12 31	27 55	5 15	20 8	3 1	11 57	1 3	18 29	0 12	18 13	1 15	21 55	1 26	18 12	0 18	10 12
T 24	12 51	26 7	5 13	20 5	2 58	12 24	1 1	18 40	0 13	18 12	1 15	21 54	1 26	18 13	0 18	10 13
W 25	13 11	23 5	4 56	19 59	2 53	12 50	0 59	18 52	0 13	18 10	1 15	21 54	1 26	18 13	0 18	10 14
T 26	13 30	18 57	4 25	19 50	2 47	13 15	0 57	19 3	0 14	18 9	1 15	21 54	1 26	18 14	0 18	10 14
F 27	13 50	13 50	3 41	19 38	2 40	13 41	0 56	19 14	0 15	18 7	1 15	21 54	1 26	18 15	0 18	10 15
S 28	14 9	7 57	2 43	19 23	2 31	14 6	0 54	19 25	0 15	18 6	1 15	21 54	1 27	18 16	0 18	10 16
S 29	14 27	1 30	1 35	19 6	2 20	14 30	0 52	19 36	0 16	18 4	1 15	21 54	1 27	18 17	0 18	10 17
M 30	14n46	5s13	0n18	18n46	2n 8	14n55	0s50	19n46	0n17	18s 2	1n15	21s54	1n27	18n18	0s18	10n18

Julian Day Number = 2705113.5, Delta T = 26m48s  
 Ecliptic obliquity = 23°21'06, Nutation = - 0°00'06  
 Ayanamsha: Fagan/Bradley = 34°27'09, Lahiri = 33°34'09

## ASTRODIENST EPHEMERIS for the year 2694

MAY 2694

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 36 44	10♌5947	28♋32	15°R56	14♌18	28♌6	26°R12	1°R 1	23♌34	0♌58	25°R44	17°R17	16°Y 9	14♐31	15°40	T 1
W 2	14 40 40	11°58'21	13♌22	15°18	15°32	28°50	26♌4	0♌59	23°37	1° 1	25°44	17°Y16	16° 6	14°38	15°42	W 2
T 3	14 44 37	12°56'55	28°24	14°39	16°47	29°33	25°57	0°57	23°40	1° 3	25°44	17°13	16° 2	14°44	15°43	T 3
F 4	14 48 33	13°55'26	13♌29	13°58	18° 1	0♐16	25°50	0°55	23°44	1° 5	25°44	17° 9	15°59	14°51	15°44	F 4
S 5	14 52 30	14°53'56	28°26	13°17	19°15	0°59	25°43	0°52	23°47	1° 7	25°44	17° 6	15°56	14°58	15°46	S 5
S 6	14 56 27	15°52'24	13♌9	12°36	20°29	1°42	25°35	0°50	23°51	1°10	25°44	17° 2	15°53	15° 4	15°47	S 6
M 7	15 0 23	16°50'50	27°31	11°56	21°43	2°25	25°28	0°47	23°54	1°12	25°44	17° 0	15°50	15°11	15°48	M 7
T 8	15 4 20	17°49'15	11♌30	11°17	22°57	3° 8	25°20	0°45	23°58	1°14	25°44	16°58	15°47	15°18	15°49	T 8
W 9	15 8 16	18°47'38	25° 6	10°41	24°11	3°51	25°13	0°42	24° 1	1°16	25°44	16°D58	15°43	15°25	15°50	W 9
T 10	15 12 13	19°46'00	8♌19	10° 8	25°25	4°34	25° 5	0°39	24° 5	1°18	25°44	16°59	15°40	15°31	15°51	T 10
F 11	15 16 9	20°44'20	21°13	9°38	26°39	5°17	24°57	0°37	24° 8	1°20	25°44	17° 1	15°37	15°38	15°52	F 11
S 12	15 20 6	21°42'39	3°Y49	9°11	27°53	6° 0	24°50	0°34	24°11	1°23	25°44	17° 3	15°34	15°45	15°52	S 12
S 13	15 24 2	22°40'56	16°13	8°49	29° 7	6°43	24°42	0°31	24°15	1°25	25°44	17°R 3	15°31	15°51	15°53	S 13
M14	15 27 59	23°39'12	28°26	8°31	0♐21	7°25	24°35	0°28	24°18	1°27	25°44	17° 3	15°27	15°58	15°54	M14
T 15	15 31 56	24°37'26	10♌30	8°17	1°35	8° 8	24°27	0°25	24°22	1°29	25°44	17° 0	15°24	16° 5	15°54	T 15
W16	15 35 52	25°35'38	22°29	8° 8	2°49	8°51	24°19	0°21	24°25	1°31	25°45	16°56	15°21	16°11	15°55	W16
T 17	15 39 49	26°33'49	4♐23	8°D 4	4° 3	9°33	24°12	0°18	24°29	1°33	25°45	16°50	15°18	16°18	15°55	T 17
F 18	15 43 45	27°31'58	16°14	8° 4	5°17	10°16	24° 4	0°15	24°32	1°35	25°45	16°43	15°15	16°25	15°55	F 18
S 19	15 47 42	28°30'06	28° 5	8°10	6°31	10°58	23°56	0°12	24°36	1°37	25°45	16°35	15°12	16°32	15°56	S 19
S 20	15 51 38	29°28'11	9♌57	8°20	7°45	11°41	23°49	0° 8	24°39	1°40	25°46	16°27	15° 8	16°38	15°56	S 20
M21	15 55 35	0♐26'15	21°53	8°34	8°59	12°23	23°41	0° 5	24°43	1°42	25°46	16°20	15° 5	16°45	15°56	M21
T 22	15 59 31	1°24'18	3♌26	8°53	10°13	13° 5	23°34	0° 1	24°46	1°44	25°46	16°15	15° 2	16°52	15°R56	T 22
W23	16 3 28	2°22'18	16° 9	9°17	11°27	13°48	23°26	29♌57	24°49	1°46	25°47	16°11	14°59	16°58	15°56	W23
T 24	16 7 25	3°20'16	28°37	9°44	12°41	14°30	23°19	29°54	24°53	1°48	25°47	16°D10	14°56	17° 5	15°56	T 24
F 25	16 11 21	4°18'13	11♐23	10°16	13°55	15°12	23°11	29°50	24°56	1°50	25°48	16°10	14°53	17°12	15°56	F 25
S 26	16 15 18	5°16'08	24°32	10°52	15° 8	15°54	23° 4	29°46	25° 0	1°52	25°48	16°11	14°49	17°19	15°55	S 26
S 27	16 19 14	6°14'01	8♌7	11°31	16°22	16°36	22°56	29°42	25° 3	1°54	25°49	16°12	14°46	17°25	15°55	S 27
M28	16 23 11	7°11'52	22°11	12°15	17°36	17°18	22°49	29°38	25° 7	1°56	25°49	16°R12	14°43	17°32	15°55	M28
T 29	16 27 7	8° 9'42	6♌41	13° 2	18°50	18° 0	22°42	29°34	25°10	1°57	25°50	16°10	14°40	17°39	15°54	T 29
W30	16 31 4	9° 7'30	21°35	13°52	20° 3	18°42	22°35	29°30	25°13	1°59	25°51	16° 7	14°37	17°45	15°53	W30
T 31	16 35 0	10♐5'17	6♌46	14♌46	21♐17	19♐24	22♐28	29♌26	25♌17	2♌1	25♌51	16°Y 1	14°Y33	17♐52	15°53	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	15n 4	11s52	1 s 1	18n23	1n56	15n18	0s48	19n57	0n17	18s 1	1n15	21s54	1n27	18n19	0s18	10n18	T 1
W 2	15 22	18 0	2 18	17 59	1 42	15 42	0 46	20 7	0 18	17 59	1 15	21 54	1 27	18 19	0 18	10 19	W 2
T 3	15 40	23 6	3 27	17 33	1 27	16 5	0 44	20 17	0 18	17 57	1 15	21 54	1 27	18 20	0 18	10 20	T 3
F 4	15 58	26 39	4 21	17 6	1 11	16 28	0 42	20 27	0 19	17 56	1 15	21 54	1 27	18 21	0 18	10 21	F 4
S 5	16 15	28 17	4 57	16 38	0 54	16 50	0 40	20 36	0 20	17 54	1 15	21 54	1 27	18 22	0 18	10 21	S 5
S 6	16 32	27 53	5 12	16 10	0 37	17 12	0 38	20 46	0 20	17 52	1 15	21 54	1 27	18 23	0 18	10 22	S 6
M 7	16 48	25 36	5 8	15 41	0 20	17 33	0 36	20 55	0 21	17 51	1 15	21 54	1 27	18 24	0 18	10 23	M 7
T 8	17 5	21 50	4 45	15 13	0 3	17 54	0 33	21 4	0 21	17 49	1 15	21 54	1 27	18 25	0 18	10 24	T 8
W 9	17 21	16 59	4 7	14 45	0s14	18 15	0 31	21 12	0 22	17 47	1 15	21 54	1 27	18 25	0 18	10 24	W 9
T 10	17 37	11 27	3 16	14 18	0 31	18 35	0 29	21 21	0 23	17 45	1 15	21 54	1 27	18 26	0 18	10 25	T 10
F 11	17 52	5 34	2 16	13 53	0 48	18 54	0 27	21 29	0 23	17 44	1 15	21 54	1 27	18 27	0 18	10 26	F 11
S 12	18 8	0n25	1 12	13 29	1 4	19 13	0 24	21 37	0 24	17 42	1 15	21 54	1 27	18 28	0 18	10 26	S 12
S 13	18 22	6 17	0 5	13 8	1 20	19 32	0 22	21 45	0 24	17 40	1 15	21 54	1 27	18 29	0 18	10 27	S 13
M14	18 37	11 50	1n 2	12 48	1 35	19 50	0 20	21 53	0 25	17 38	1 15	21 54	1 27	18 30	0 18	10 28	M14
T 15	18 51	16 53	2 4	12 30	1 49	20 7	0 17	22 0	0 26	17 36	1 15	21 54	1 27	18 31	0 18	10 29	T 15
W16	19 5	21 14	3 0	12 15	2 2	20 24	0 15	22 8	0 26	17 35	1 14	21 54	1 27	18 31	0 18	10 29	W16
T 17	19 19	24 41	3 48	12 2	2 14	20 40	0 13	22 15	0 27	17 33	1 14	21 54	1 27	18 32	0 18	10 30	T 17
F 18	19 32	27 3	4 26	11 51	2 26	20 56	0 10	22 21	0 27	17 31	1 14	21 54	1 27	18 33	0 18	10 31	F 18
S 19	19 45	28 13	4 53	11 43	2 36	21 11	0 8	22 28	0 28	17 29	1 14	21 54	1 27	18 34	0 18	10 31	S 19
S 20	19 58	28 4	5 6	11 37	2 46	21 26	0 5	22 34	0 28	17 28	1 14	21 54	1 27	18 35	0 18	10 32	S 20
M21	20 10	26 38	5 7	11 33	2 54	21 40	0 3	22 40	0 29	17 26	1 14	21 54	1 27	18 36	0 18	10 33	M21
T 22	20 22	23 57	4 54	11 32	3 2	21 53	0 1	22 46	0 29	17 24	1 14	21 54	1 27	18 36	0 18	10 33	T 22
W23	20 34	20 11	4 27	11 33	3 8	22 6	0n 2	22 52	0 30	17 22	1 14	21 54	1 27	18 37	0 17	10 34	W23
T 24	20 45	15 28	3 48	11 36	3 14	22 18	0 4	22 58	0 31	17 21	1 14	21 54	1 27	18 38	0 17	10 35	T 24
F 25	20 56	9 59	2 56	11 42	3 19	22 30	0 7	23 3	0 31	17 19	1 14	21 54	1 27	18 39	0 17	10 35	F 25
S 26	21 6	3 54	1 54	11 49	3 23	22 41	0 9	23 8	0 32	17 17	1 13	21 54	1 27	18 40	0 17	10 36	S 26
S 27	21 16	2s33	0 43	11 58	3 26	22 51	0 12	23 13	0 32	17 15	1 13	21 54	1 27	18 41	0 17	10 37	S 27
M28	21 26	9 6	0s32	12 9	3 28	23 1	0 14	23 17	0 33	17 14	1 13	21 54	1 27	18 41	0 17	10 37	M28
T 29	21 35	15 24	1 48	12 22	3 30	23 9	0 17	23 22	0 33	17 12	1 13	21 54	1 27	18 42	0 17	10 38	T 29
W30	21 44	20 58	2 58	12 36	3 30	23 18	0 19	23 26	0 34	17 10	1 13	21 54	1 27	18 43	0 17	10 39	W30
T 31	21n53	25s15	3s57	12n52	3s30	23n25	0n21	23n30	0n34	17s 9	1n13	21s54	1n27	18n44	0s17	10n39	T 31

Julian Day Number = 2705143.5, Delta T = 26m49s

Ecliptic obliquity = 23°21'06, Nutation = - 0°00'06

Ayanamsha: Fagan/Bradley = 34°27'13, Lahiri = 33°34'13

## ASTRODIENST EPHEMERIS for the year 2694

JUNE 2694

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 38 57	11 <sup>II</sup> 3'02	22 <sup>♂</sup> 5	15 <sup>♂</sup> 43	22 <sup>II</sup> 31	20 <sup>II</sup> 6	22°R21	29°R22	25 <sup>♂</sup> 20	2 <sup>♂</sup> 3	25 <sup>♂</sup> 52	15°R53	14°Y30	17 <sup>II</sup> 59	15°R52	F 1
S 2	16 42 54	12° 0'46	7 <sup>♂</sup> 19	16°44	23°44	20°48	22 <sup>II</sup> 14	29 <sup>♂</sup> 18	25°23	2° 5	25°52	15°Y45	14°27	18° 5	15 <sup>♂</sup> 51	S 2
S 3	16 46 50	12°58'29	22°19	17°47	24°58	21°30	22° 7	29°14	25°27	2° 7	25°53	15°37	14°24	18°12	15°51	S 3
M 4	16 50 47	13°56'11	6 <sup>♂</sup> 56	18°54	26°12	22°11	22° 1	29°10	25°30	2° 9	25°54	15°30	14°21	18°19	15°50	M 4
T 5	16 54 43	14°53'52	21° 5	20° 3	27°25	22°53	21°54	29° 6	25°33	2°10	25°55	15°26	14°18	18°26	15°49	T 5
W 6	16 58 40	15°51'32	4 <sup>♂</sup> 46	21°15	28°39	23°35	21°48	29° 2	25°37	2°12	25°55	15°24	14°14	18°32	15°48	W 6
T 7	17 2 36	16°49'10	18° 0	22°30	29°53	24°16	21°41	28°57	25°40	2°14	25°56	15°D23	14°11	18°39	15°46	T 7
F 8	17 6 33	17°46'48	0 <sup>Y</sup> 49	23°48	1 <sup>♂</sup> 6	24°58	21°35	28°53	25°43	2°16	25°57	15°24	14° 8	18°46	15°45	F 8
S 9	17 10 29	18°44'25	13°19	25° 9	2°20	25°39	21°29	28°49	25°47	2°17	25°58	15°R24	14° 5	18°52	15°44	S 9
S 10	17 14 26	19°42'01	25°34	26°32	3°33	26°21	21°23	28°44	25°50	2°19	25°59	15°24	14° 2	18°59	15°43	S 10
M11	17 18 23	20°39'37	7 <sup>♂</sup> 37	27°58	4°47	27° 2	21°17	28°40	25°53	2°21	26° 0	15°21	13°59	19° 6	15°41	M11
T 12	17 22 19	21°37'11	19°34	29°26	6° 1	27°43	21°11	28°35	25°56	2°22	26° 1	15°16	13°55	19°13	15°40	T 12
W13	17 26 16	22°34'45	1 <sup>II</sup> 26	0 <sup>II</sup> 57	7°14	28°25	21° 5	28°31	25°59	2°24	26° 2	15° 9	13°52	19°19	15°38	W13
T 14	17 30 12	23°32'17	13°16	2°31	8°28	29° 6	21° 0	28°27	26° 3	2°26	26° 3	14°59	13°49	19°26	15°37	T 14
F 15	17 34 9	24°29'49	25° 7	4° 7	9°41	29°47	20°54	28°22	26° 6	2°27	26° 4	14°47	13°46	19°33	15°35	F 15
S 16	17 38 5	25°27'20	7 <sup>♂</sup> 0	5°46	10°55	0 <sup>♂</sup> 28	20°49	28°18	26° 9	2°29	26° 5	14°34	13°43	19°39	15°33	S 16
S 17	17 42 2	26°24'49	18°57	7°27	12° 8	1°10	20°44	28°13	26°12	2°30	26° 6	14°21	13°40	19°46	15°32	S 17
M18	17 45 59	27°22'18	0 <sup>♂</sup> 58	9°11	13°21	1°51	20°39	28° 9	26°15	2°32	26° 7	14°10	13°36	19°53	15°30	M18
T 19	17 49 55	28°19'46	13° 6	10°57	14°35	2°32	20°34	28° 4	26°18	2°33	26° 8	14° 0	13°33	20° 0	15°28	T 19
W20	17 53 52	29°17'12	25°23	12°46	15°48	3°13	20°30	28° 0	26°21	2°35	26° 9	13°53	13°30	20° 6	15°26	W20
T 21	17 57 48	0 <sup>♂</sup> 14'38	7 <sup>♂</sup> 52	14°37	17° 2	3°54	20°25	27°56	26°24	2°36	26°10	13°49	13°27	20°13	15°24	T 21
F 22	18 1 45	1°12'02	20°38	16°31	18°15	4°35	20°21	27°51	26°27	2°37	26°11	13°47	13°24	20°20	15°22	F 22
S 23	18 5 41	2° 9'25	3 <sup>♂</sup> 42	18°27	19°29	5°15	20°17	27°47	26°30	2°39	26°12	13°D47	13°20	20°26	15°20	S 23
S 24	18 9 38	3° 6'48	17°10	20°25	20°42	5°56	20°13	27°42	26°33	2°40	26°14	13°R47	13°17	20°33	15°17	S 24
M25	18 13 34	4° 4'09	1 <sup>♂</sup> 3	22°26	21°55	6°37	20° 9	27°38	26°36	2°41	26°15	13°46	13°14	20°40	15°15	M25
T 26	18 17 31	5° 1'29	15°23	24°28	23° 9	7°18	20° 5	27°34	26°39	2°43	26°16	13°44	13°11	20°47	15°13	T 26
W27	18 21 28	5°58'49	0 <sup>♂</sup> 8	26°33	24°22	7°59	20° 1	27°29	26°42	2°44	26°17	13°39	13° 8	20°53	15°10	W27
T 28	18 25 24	6°56'08	15°13	28°39	25°35	8°39	19°58	27°25	26°45	2°45	26°19	13°31	13° 5	21° 0	15° 8	T 28
F 29	18 29 21	7°53'26	0 <sup>♂</sup> 28	0 <sup>♂</sup> 46	26°48	9°20	19°55	27°20	26°47	2°46	26°20	13°21	13° 1	21° 7	15° 6	F 29
S 30	18 33 17	8°50'43	15 <sup>♂</sup> 44	2 <sup>♂</sup> 55	28°58	2° 2	10 <sup>♂</sup> 0	19 <sup>♂</sup> 52	27 <sup>♂</sup> 16	26 <sup>♂</sup> 50	2 <sup>♂</sup> 48	26 <sup>♂</sup> 21	13°Y10	12°Y58	21 <sup>II</sup> 13	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	22n 1	27s46	4s39	13n 9	3s29	23n32	0n24	23n34	0n35	17s 7	1n13	21s54	1n27	18n45	0s17	10n40	1s34	20n27	8n 5	6n14	5n42	27n24	9s20	6n59			
S 2	22 9	28 10	5 2	13 27	3 28	23 38	0 26	23 37	0 35	17 6	1 12	21 54	1 27	18 45	0 17	10 40	1 35	20 27	8 5	6 11	5 41	27 25	9 20	7 0			
S 3	22 16	26 30	5 3	13 47	3 25	23 44	0 29	23 41	0 36	17 4	1 12	21 54	1 27	18 46	0 17	10 41	1 35	20 26	8 5	6 8	5 39	27 26	9 20	7 0			
M 4	22 23	23 3	4 44	14 8	3 22	23 49	0 31	23 44	0 36	17 2	1 12	21 54	1 27	18 47	0 17	10 42	1 35	20 26	8 5	6 5	5 38	27 27	9 20	7 1			
T 5	22 30	18 20	4 8	14 30	3 19	23 53	0 33	23 46	0 37	17 1	1 12	21 54	1 27	18 48	0 17	10 42	1 35	20 25	8 5	6 3	5 37	27 28	9 20	7 1			
W 6	22 36	12 49	3 19	14 53	3 14	23 56	0 36	23 49	0 37	16 59	1 12	21 54	1 27	18 49	0 17	10 43	1 35	20 25	8 5	6 2	5 36	27 29	9 19	7 1			
T 7	22 42	6 54	2 21	15 16	3 9	23 59	0 38	23 51	0 38	16 58	1 12	21 54	1 27	18 49	0 17	10 43	1 35	20 25	8 4	6 2	5 35	27 30	9 19	7 2			
F 8	22 48	0 51	1 17	15 41	3 4	24 1	0 40	23 54	0 38	16 57	1 11	21 54	1 27	18 50	0 17	10 44	1 35	20 24	8 4	6 2	5 33	27 31	9 19	7 2			
S 9	22 53	5n 4	0 11	16 6	2 58	24 2	0 42	23 56	0 39	16 55	1 11	21 54	1 27	18 51	0 17	10 44	1 35	20 24	8 4	6 3	5 32	27 32	9 19	7 3			
S 10	22 57	10 41	0n54	16 32	2 51	24 3	0 45	23 57	0 39	16 54	1 11	21 54	1 27	18 52	0 17	10 45	1 35	20 23	8 4	6 2	5 31	27 33	9 19	7 3			
M11	23 1 15	49 1	55 16	58 2	44 24	3	0 47	23 59	0 40	16 52	1 11	21 54	1 27	18 52	0 17	10 45	1 35	20 23	8 4	6 1	5 30	27 34	9 19	7 4			
T 12	23 5 20	18 2	51 17	24 3	2 37	24 2	0 49	24 0	0 40	16 51	1 11	21 54	1 27	18 53	0 17	10 46	1 35	20 22	8 4	6 0	5 28	27 35	9 19	7 4			
W13	23 9 23	57 3	39 17	51 2	29 24	0	0 51	24 1	0 41	16 50	1 10	21 54	1 27	18 54	0 17	10 46	1 35	20 22	8 4	5 57	5 27	27 35	9 19	7 4			
T 14	23 12 26	33 4	17 18	18 2	20 23	58	0 53	24 2	0 41	16 49	1 10	21 54	1 27	18 55	0 17	10 47	1 35	20 22	8 3	5 53	5 26	27 36	9 19	7 5			
F 15	23 14 27	59 4	44 18	45 2	11 23	55	0 55	24 3	0 42	16 47	1 10	21 54	1 27	18 55	0 17	10 47	1 35	20 21	8 3	5 48	5 25	27 37	9 19	7 5			
S 16	23 16 28	8 4	58 19	11 2	2 23	52	0 57	24 3	0 42	16 46	1 10	21 54	1 27	18 56	0 17	10 48	1 35	20 21	8 3	5 43	5 23	27 38	9 19	7 6			
S 17	23 18 26	58 5	0 19	38 1	52 23	47	1 0	24 3	0 43	16 45	1 10	21 54	1 26	18 57	0 17	10 48	1 35	20 20	8 3	5 38	5 22	27 39	9 20	7 6			
M18	23 20 24	34 4	48 20	4 1	42 23	42	1 1	24 3	0 43	16 44	1 9	21 54	1 26	18 58	0 17	10 49	1 35	20 20	8 3	5 34	5 21	27 40	9 20	7 6			
T 19	23 20 21	2 4	24 20	29 1	32 23	36	1 3	24 3	0 43	16 43	1 9	21 54	1 26	18 58	0 17	10 49	1 35	20 19	8 3	5 30	5 20	27 41	9 20	7 7			
W20	23 21 16	34 3	46 20	54 1	21 23	30	1 5	24 3	0 44	16 42	1 9	21 54	1 26	18 59	0 17	10 50	1 35	20 19	8 3	5 28	5 19	27 42	9 20	7 7			
T 21	23 21 11	20 2	58 21	18 1	10 23	23	1 7	24 2	0 44	16 41	1 9	21 54	1 26	19 0	0 17	10 50	1 35	20 18	8 3	5 26	5 17	27 43	9 20	7 8			
F 22	23 21 5 32	1 59	21 41	0 59	23 15	1 9	24 1	0 45	16 40	1 9	21 54	1 26	19 0	0 17	10 51	1 35	20 18	8 3	5 25	5 16	27 43	9 21	7 8				
S 23	23 20 0s39	0 53	22 3	0 48	23 7	1 11	24 0	0 45	16 39	1 8	21 54	1 26	19 1	0 17	10 51	1 35	20 17	8 2	5 25	5 15	27 44	9 21	7 8				
S 24	23 19 7 0	0s18	22 24	0 37	22 58	1 12	23 59	0 46	16 38	1 8	21 54	1 26	19 2	0 17	10 51	1 35	20 17	8 2	5 25	5 14	27 45	9 21	7 9				
M25	23 17 13 12	1 30	22 43	0 26	22 48	1 14	23 57	0 46	16 37	1 8	21 54	1 26	19 3	0 17	10 52	1 36	20 16	8 2	5 25	5 12	27 46	9 21	7 9				
T 26	23 15 18 55	2 39	23 0	0 14	22 37	1 16	23 56	0 47	16 37	1 8	21 54	1 26	19 3	0 17	10 52	1 36	20 16	8 2	5 24	5 11	27 47	9 22	7 9				
W27	23 13 23 40	3 39	23 15	0 3	22 26	1 17	23 54	0 47	16 36	1 7	21 54	1 26	19 4	0 17	10 53	1 36	20 15	8 2	5 22	5 10	27 48	9 22	7 10				
T 28	23 10 26 55	4 25	23 28	0n 8	22 14	1 19	23 51	0 47	16 35	1 7	21 54	1 26	19 4	0 17	10 53	1 36	20 15	8 2	5 19	5 9	27 48	9 23	7 10				
F 29	23 7 28 14	4 53	23 39	0 18	22 2	1 20	23 49	0 48	16 35	1 7	21 54	1 25	19 5	0 17	10 53	1 36	20 14	8 2	5 15	5 7	27 49	9 23	7 10				
S 30	23n 3	27s24	5s 0	23n48	0n29	21n49	1n22	23n47	0n48	16s34	1n 7	21s54	1n25	19n 6	0s17	10n54	1s36	20n13	8n 2	5n11	5n 6	27n50	9s23	7n11			

Julian Day Number = 2705174.5, Delta T = 26m49s

Ecliptic obliquity = 23°21'05, Nutation = - 0°00'05

Ayanamsha: Fagan/Bradley = 34°27'18, Lahiri = 33°34'18





## ASTRODIENST EPHEMERIS for the year 2694

SEPTEMBER 2694

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 41 40	9♍ 5'24	8♋43	23°R48	14♌ 7	21♌26	22♌30	24♌46	28♌28	2°R58	28♌ 8	8♍29	9♍38	28♌17	11°R41	S 1
S 2	22 45 37	10° 3'11	21° 1	23♍15	15°19	22° 5	22°37	24°46	28°28	2♌57	28°10	8°31	9°35	28°23	11°38	S 2
M 3	22 49 33	11° 0'59	3♌ 5	22°37	16°30	22°43	22°45	24°47	28°R28	2°57	28°12	8°32	9°32	28°30	11°36	M 3
T 4	22 53 30	11°58'49	15° 2	21°54	17°41	23°22	22°53	24°47	28°28	2°56	28°14	8°R32	9°29	28°37	11°33	T 4
W 5	22 57 27	12°56'41	26°55	21° 7	18°53	24° 0	23° 0	24°48	28°27	2°55	28°15	8°32	9°25	28°44	11°30	W 5
T 6	23 1 23	13°54'35	8♌49	20°17	20° 4	24°39	23° 8	24°49	28°27	2°54	28°17	8°30	9°22	28°50	11°27	T 6
F 7	23 5 20	14°52'30	20°48	19°24	21°15	25°17	23°17	24°50	28°27	2°53	28°19	8°27	9°19	28°57	11°25	F 7
S 8	23 9 16	15°50'27	2♌56	18°29	22°26	25°55	23°25	24°51	28°27	2°52	28°21	8°23	9°16	29° 4	11°22	S 8
S 9	23 13 13	16°48'26	15°16	17°33	23°37	26°34	23°33	24°52	28°27	2°51	28°23	8°20	9°13	29°10	11°20	S 9
M10	23 17 9	17°46'26	27°51	16°38	24°48	27°12	23°42	24°53	28°26	2°50	28°24	8°17	9° 9	29°17	11°17	M10
T 11	23 21 6	18°44'28	10♍40	15°45	25°59	27°50	23°50	24°54	28°26	2°49	28°26	8°14	9° 6	29°24	11°15	T 11
W12	23 25 2	19°42'31	23°44	14°54	27°10	28°28	23°59	24°55	28°26	2°48	28°28	8°13	9° 3	29°31	11°12	W12
T 13	23 28 59	20°40'36	7♌ 4	14° 8	28°21	29° 7	24° 8	24°57	28°25	2°46	28°30	8°D12	9° 0	29°37	11°10	T 13
F 14	23 32 55	21°38'43	20°36	13°26	29°32	29°45	24°17	24°58	28°25	2°45	28°31	8°12	8°57	29°44	11° 8	F 14
S 15	23 36 52	22°36'51	4♌21	12°51	0♌42	0♍23	24°26	25° 0	28°24	2°44	28°33	8°13	8°54	29°51	11° 5	S 15
S 16	23 40 49	23°35'01	18°15	12°23	1°53	1° 1	24°35	25° 2	28°23	2°43	28°35	8°14	8°50	29°57	11° 3	S 16
M17	23 44 45	24°33'12	2♌18	12° 2	3° 4	1°39	24°44	25° 3	28°23	2°42	28°36	8°15	8°47	00° 4	11° 1	M17
T 18	23 48 42	25°31'24	16°27	11°49	4°14	2°17	24°54	25° 5	28°22	2°40	28°38	8°16	8°44	0°11	10°59	T 18
W19	23 52 38	26°29'38	0♌40	11°D46	5°25	2°55	25° 3	25° 7	28°21	2°39	28°40	8°R16	8°41	0°18	10°57	W19
T 20	23 56 35	27°27'54	14°55	11°51	6°35	3°33	25°13	25° 9	28°20	2°38	28°41	8°16	8°38	0°24	10°55	T 20
F 21	0 0 31	28°26'11	29° 8	12° 5	7°46	4°12	25°23	25°12	28°19	2°37	28°43	8°15	8°35	0°31	10°53	F 21
S 22	0 4 28	29°24'29	13°38	12°28	8°56	4°49	25°32	25°14	28°19	2°35	28°45	8°14	8°31	0°38	10°51	S 22
S 23	0 8 24	0♌22'49	27°21	12°59	10° 6	5°27	25°42	25°16	28°18	2°34	28°46	8°13	8°28	0°44	10°50	S 23
M24	0 12 21	1°21'10	11♌12	13°40	11°16	6° 5	25°52	25°19	28°17	2°33	28°48	8°12	8°25	0°51	10°48	M24
T 25	0 16 18	2°19'33	24°50	14°29	12°26	6°43	26° 2	25°21	28°16	2°31	28°50	8°12	8°22	0°58	10°46	T 25
W26	0 20 14	3°17'58	8♍13	15°25	13°36	7°21	26°12	25°24	28°14	2°30	28°51	8°D11	8°19	1° 5	10°45	W26
T 27	0 24 11	4°16'24	21°18	16°29	14°46	7°59	26°23	25°27	28°13	2°28	28°53	8°12	8°15	1°11	10°43	T 27
F 28	0 28 7	5°14'53	4♌ 5	17°40	15°56	8°37	26°33	25°29	28°12	2°27	28°54	8°12	8°12	1°18	10°42	F 28
S 29	0 32 4	6°13'23	16°37	18°56	17° 6	9°15	26°43	25°32	28°11	2°25	28°56	8°12	8° 9	1°25	10°40	S 29
S 30	0 36 0	7♌11'56	28♌53	20♍19	18♌16	9♍53	26♌54	25♌35	28♌10	2♌24	28♌57	8♍12	8♍ 6	1♌32	10°39	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	8n 8	16n51	2n38	1s48	4s38	5s 4	0n31	15n23	1n 8	17s30	0n52	22s 0	1n15	19n27	0s18	10n54	1s39	19n36	8n 2	3n21	3n48	28n23	10s18	7n11						
S 2	7 46	21 21	3 32	1 37	4 40	5 34	0 28	15 11	1 8	17 32	0 51	22 0	1 15	19 27	0 18	10 54	1 39	19 36	8 2	3 22	3 47	28 23	10 19	7 11						
M 3	7 25	24 53	4 16	1 23	4 41	6 4	0 25	14 58	1 9	17 34	0 51	22 0	1 15	19 27	0 18	10 53	1 39	19 35	8 2	3 22	3 46	28 24	10 20	7 10						
T 4	7 3	27 17	4 48	1 5	4 40	6 34	0 22	14 46	1 9	17 36	0 51	22 1	1 14	19 27	0 18	10 53	1 39	19 35	8 2	3 22	3 44	28 24	10 21	7 10						
W 5	6 41	28 26	5 7	0 44	4 37	7 4	0 19	14 34	1 9	17 38	0 51	22 1	1 14	19 27	0 18	10 53	1 39	19 34	8 2	3 22	3 43	28 24	10 23	7 10						
T 6	6 18	28 17	5 14	0 20	4 32	7 34	0 16	14 21	1 9	17 41	0 51	22 1	1 14	19 27	0 18	10 52	1 40	19 33	8 3	3 21	3 42	28 24	10 24	7 9						
F 7	5 56	26 48	5 6	0n 6	4 26	8 4	0 13	14 8	1 10	17 43	0 50	22 1	1 14	19 27	0 18	10 52	1 40	19 33	8 3	3 20	3 41	28 25	10 25	7 9						
S 8	5 34	24 4	4 46	0 36	4 17	8 33	0 9	13 56	1 10	17 45	0 50	22 1	1 14	19 27	0 18	10 52	1 40	19 32	8 3	3 19	3 40	28 25	10 26	7 9						
S 9	5 11	20 12	4 11	1 7	4 7	9 3	0 6	13 43	1 10	17 47	0 50	22 2	1 13	19 27	0 18	10 51	1 40	19 32	8 3	3 17	3 38	28 25	10 27	7 8						
M10	4 49	15 22	3 24	1 39	3 55	9 32	0 3	13 30	1 10	17 50	0 50	22 2	1 13	19 27	0 18	10 51	1 40	19 31	8 3	3 16	3 37	28 25	10 28	7 8						
T 11	4 26	9 48	2 26	2 12	3 41	10 1	0s 1	13 17	1 10	17 52	0 50	22 2	1 13	19 27	0 18	10 50	1 40	19 31	8 3	3 15	3 36	28 25	10 29	7 8						
W12	4 4	3 41	1 19	2 46	3 26	10 30	0 4	13 4	1 11	17 54	0 49	22 2	1 13	19 27	0 18	10 50	1 40	19 31	8 3	3 15	3 35	28 26	10 30	7 7						
T 13	3 41	2s42	0 6	3 19	3 9	10 58	0 8	12 51	1 11	17 57	0 49	22 3	1 13	19 27	0 18	10 50	1 40	19 30	8 4	3 14	3 33	28 26	10 31	7 7						
F 14	3 18	9 4	1s 8	3 51	2 51	11 26	0 11	12 38	1 11	17 59	0 49	22 3	1 13	19 27	0 18	10 49	1 40	19 30	8 4	3 15	3 32	28 26	10 32	7 6						
S 15	2 55	15 7	2 19	4 21	2 33	11 55	0 15	12 24	1 11	18 1	0 49	22 3	1 12	19 26	0 18	10 49	1 40	19 29	8 4	3 15	3 31	28 26	10 33	7 6						
S 16	2 32	20 28	3 24	4 50	2 14	12 22	0 18	12 11	1 11	18 4	0 49	22 3	1 12	19 26	0 18	10 48	1 40	19 29	8 4	3 15	3 30	28 26	10 34	7 6						
M17	2 9	24 44	4 16	5 15	1 55	12 50	0 22	11 58	1 12	18 6	0 48	22 4	1 12	19 26	0 18	10 48	1 40	19 28	8 4	3 16	3 28	28 26	10 35	7 5						
T 18	1 46	27 32	4 54	5 38	1 35	13 17	0 26	11 44	1 12	18 8	0 48	22 4	1 12	19 26	0 18	10 47	1 40	19 28	8 4	3 16	3 27	28 26	10 35	7 5						
W19	1 23	28 34	5 13	5 57	1 16	13 44	0 29	11 31	1 12	18 11	0 48	22 4	1 12	19 26	0 18	10 47	1 40	19 27	8 5	3 16	3 26	28 27	10 36	7 4						
T 20	1 0	27 43	5 14	6 13	0 57	14 11	0 33	11 17	1 12	18 13	0 48	22 4	1 11	19 26	0 18	10 46	1 40	19 27	8 5	3 16	3 25	28 27	10 37	7 4						
F 21	0 37	25 4	4 55	6 25	0 39	14 38	0 37	11 4	1 12	18 16	0 48	22 5	1 11	19 25	0 18	10 46	1 40	19 26	8 5	3 16	3 23	28 27	10 38	7 3						
S 22	0 14	20 54	4 19	6 32	0 21	15 4	0 41	10 50	1 12	18 18	0 48	22 5	1 11	19 25	0 18	10 45	1 40	19 26	8 5	3 15	3 22	28 27	10 39	7 3						
S 23	0s 9	15 36	3 27	6 36	0 4	15 30	0 44	10 36	1 13	18 21	0 47	22 5	1 11	19 25	0 18	10 45	1 40	19 26	8 5	3 15	3 21	28 27	10 40	7 3						
M24	0 32	9 33	2 24	6 35	0n11	15 55	0 48	10 22	1 13	18 23	0 47	22 6	1 11	19 25	0 18	10 44	1 40	19 25	8 5	3 14	3 20	28 27	10 41	7 2						
T 25	0 55	3 10	1 13	6 30	0 26	16 20	0 52	10 9	1 13	18 26	0 47	22 6	1 10	19 25	0 18	10 44	1 40	19 25	8 6	3 14	3 18	28 27	10 42	7 2						
W26	1 18	3n15	0n 0	6 20	0 40	16 45	0 56	9 55	1 13	18 28	0 47	22 6	1 10	19 24	0 18	10 43	1 40	19 25	8 6	3 14	3 17	28 27	10 43	7 1						
T 27	1 42	9 23	1 12	6 7	0 52	17 9	0 59	9 41	1 13	18 31	0 47	22 6	1 10	19 24	0 18	10 43	1 40	19 24	8 6	3 14	3 16	28 27	10 44	7 1						
F 28	2 5	15 1	2 19	5 50	1 3	17 33	1 3	9 27	1 13	18 34	0 47	22 7	1 10	19 24	0 18	10 42	1 40	19 24	8 6	3 14	3 15	28 27	10 44	7 0						
S 29	2 28	19 53	3 17	5 29	1 13	17 57	1 7	9 13	1 14	18 36	0 46	22 7	1 10	19 24	0 18	10 42	1 40	19 23	8 6	3 14	3 13	28 27	10 45	7 0						
S 30	2s51	23n50	4n 5	5n 5	1n22	18s20	1s11	8n59	1n14	18s39	0n46	22s 7	1n10	19n23	0s18	10n41	1s40	19n23	8n 7	3n15	3n12	28n27	10s46	6n59						

## ASTRODIENST EPHEMERIS for the year 2694

OCTOBER 2694

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 39 57	8♏10'31	10♏58	21♏46	19♏25	10♏30	27♏5	25♏38	28♏R 8	2°R23	28♏59	8°R12	8°Y 3	1♏38	10°R38	M 1
T 2	0 43 53	9° 9'08	22°55	23°18	20°35	11° 8	27°15	25°42	28♏7	2°R21	29° 0	8°Y12	8° 0	1°45	10°R37	T 2
W 3	0 47 50	10° 7'47	4♏48	24°53	21°44	11°46	27°26	25°45	28° 6	2°20	29° 2	8°D12	7°56	1°52	10°36	W 3
T 4	0 51 47	11° 6'29	16°42	26°31	22°54	12°24	27°37	25°48	28° 4	2°18	29° 3	8°12	7°53	1°58	10°35	T 4
F 5	0 55 43	12° 5'12	28°42	28°13	24° 3	13° 1	27°48	25°52	28° 3	2°16	29° 5	8°12	7°50	2° 5	10°34	F 5
S 6	0 59 40	13° 3'58	10♏51	29°56	25°12	13°39	27°59	25°55	28° 1	2°15	29° 6	8°13	7°47	2°12	10°33	S 6
S 7	1 3 36	14° 2'46	23°14	1♏41	26°21	14°17	28°10	25°59	28° 0	2°13	29° 8	8°13	7°44	2°19	10°32	S 7
M 8	1 7 33	15° 1'36	5♏55	3°27	27°30	14°54	28°21	26° 2	27°58	2°12	29° 9	8°14	7°41	2°25	10°31	M 8
T 9	1 11 29	16° 0'28	18°55	5°14	28°39	15°32	28°33	26° 6	27°56	2°10	29°10	8°15	7°37	2°32	10°30	T 9
W10	1 15 26	16°59'22	2♏16	7° 2	29°48	16° 9	28°44	26°10	27°55	2° 9	29°12	8°R15	7°34	2°39	10°30	W10
T 11	1 19 22	17°58'18	15°56	8°51	0♏57	16°47	28°55	26°14	27°53	2° 7	29°13	8°15	7°31	2°45	10°29	T 11
F 12	1 23 19	18°57'16	29°55	10°39	2° 6	17°24	29° 7	26°18	27°51	2° 5	29°14	8°14	7°28	2°52	10°29	F 12
S 13	1 27 16	19°56'17	14♏8	12°28	3°14	18° 2	29°18	26°22	27°49	2° 4	29°16	8°13	7°25	2°59	10°28	S 13
S 14	1 31 12	20°55'19	28°30	14°16	4°23	18°39	29°30	26°26	27°48	2° 2	29°17	8°12	7°21	3° 6	10°28	S 14
M15	1 35 9	21°54'23	12♏57	16° 4	5°31	19°17	29°42	26°30	27°46	2° 0	29°18	8°10	7°18	3°12	10°28	M15
T 16	1 39 5	22°53'29	27°22	17°51	6°39	19°54	29°53	26°35	27°44	1°59	29°19	8° 9	7°15	3°19	10°28	T 16
W17	1 43 2	23°52'36	11♏34	19°38	7°48	20°32	0♏5	26°39	27°42	1°57	29°20	8° 8	7°12	3°26	10°28	W17
T 18	1 46 58	24°51'45	25°55	21°25	8°56	21° 9	0°17	26°43	27°40	1°55	29°22	8°D 7	7° 9	3°33	10°D28	T 18
F 19	1 50 55	25°50'56	9♏57	23°11	10° 4	21°47	0°29	26°48	27°38	1°54	29°23	8° 8	7° 6	3°39	10°28	F 19
S 20	1 54 51	26°50'09	23°47	24°56	11°11	22°24	0°41	26°52	27°36	1°52	29°24	8° 9	7° 2	3°46	10°28	S 20
S 21	1 58 48	27°49'23	7♏25	26°40	12°19	23° 1	0°53	26°57	27°34	1°50	29°25	8°10	6°59	3°53	10°28	S 21
M22	2 2 45	28°48'39	20°49	28°24	13°27	23°38	1° 5	27° 2	27°32	1°49	29°26	8°11	6°56	3°59	10°28	M22
T 23	2 6 41	29°47'57	4°Y 2	0♏7	14°34	24°16	1°17	27° 7	27°30	1°47	29°27	8°R12	6°53	4° 6	10°29	T 23
W24	2 10 38	0♏47'16	17° 1	1°50	15°41	24°53	1°30	27°12	27°28	1°45	29°28	8°12	6°50	4°13	10°29	W24
T 25	2 14 34	1°46'38	29°48	3°31	16°48	25°30	1°42	27°17	27°26	1°44	29°29	8°11	6°46	4°20	10°29	T 25
F 26	2 18 31	2°46'01	12♏23	5°12	17°55	26° 7	1°54	27°22	27°23	1°42	29°30	8° 8	6°43	4°26	10°30	F 26
S 27	2 22 27	3°45'27	24°45	6°53	19° 2	26°45	2° 7	27°27	27°21	1°40	29°31	8° 4	6°40	4°33	10°31	S 27
S 28	2 26 24	4°44'55	6♏57	8°32	20° 9	27°22	2°19	27°32	27°19	1°39	29°32	8° 0	6°37	4°40	10°31	S 28
M29	2 30 20	5°44'25	18°59	10°11	21°15	27°59	2°31	27°37	27°17	1°37	29°33	7°55	6°34	4°47	10°32	M29
T 30	2 34 17	6°43'57	0♏55	11°49	22°21	28°36	2°44	27°42	27°15	1°35	29°34	7°50	6°31	4°53	10°33	T 30
W31	2 38 14	7♏43'32	12♏47	13♏27	23♏27	29♏13	2♏57	27♏48	27♏12	1♏34	29♏35	7°Y47	6°Y27	5♏0	10°R34	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	3s14	26n39	4n42	4n38	1n30	18s43	1s15	8n45	1n14	18s41	0n46	22s 7	1n 9	19n23	0s18	M 1
T 2	3 37	28 15	5 6	4 8	1 36	19 6	1 19	8 30	1 14	18 44	0 46	22 8	1 9	19 23	0 18	T 2
W 3	4 0	28 32	5 16	3 35	1 41	19 27	1 22	8 16	1 14	18 46	0 46	22 8	1 9	19 22	0 18	W 3
T 4	4 23	27 30	5 13	3 0	1 46	19 49	1 26	8 2	1 14	18 49	0 46	22 8	1 9	19 22	0 18	T 4
F 5	4 46	25 11	4 57	2 22	1 49	20 10	1 30	7 48	1 15	18 52	0 45	22 9	1 9	19 22	0 18	F 5
S 6	5 8	21 44	4 27	1 43	1 51	20 31	1 34	7 33	1 15	18 54	0 45	22 9	1 9	19 21	0 18	S 6
S 7	5 31	17 15	3 44	1 3	1 52	20 51	1 37	7 19	1 15	18 57	0 45	22 9	1 8	19 21	0 18	S 7
M 8	5 54	11 56	2 50	0 21	1 53	21 10	1 41	7 5	1 15	18 59	0 45	22 9	1 8	19 21	0 18	M 8
T 9	6 17	5 59	1 45	0s21	1 52	21 29	1 45	6 50	1 15	19 2	0 45	22 10	1 8	19 20	0 18	T 9
W10	6 39	0s23	0 33	1 5	1 51	21 48	1 48	6 36	1 15	19 5	0 45	22 10	1 8	19 20	0 18	W10
T 11	7 1	6 54	0s42	1 49	1 49	22 6	1 52	6 21	1 15	19 7	0 45	22 10	1 8	19 20	0 18	T 11
F 12	7 24	13 14	1 57	2 34	1 47	22 24	1 56	6 7	1 15	19 10	0 44	22 11	1 8	19 19	0 18	F 12
S 13	7 46	18 58	3 6	3 18	1 44	22 41	1 59	5 53	1 16	19 12	0 44	22 11	1 7	19 19	0 18	S 13
S 14	8 8	23 42	4 3	4 3	1 41	22 57	2 3	5 38	1 16	19 15	0 44	22 11	1 7	19 18	0 18	S 14
M15	8 30	26 59	4 46	4 48	1 37	23 13	2 6	5 23	1 16	19 18	0 44	22 11	1 7	19 18	0 18	M15
T 16	8 52	28 29	5 10	5 33	1 32	23 28	2 10	5 9	1 16	19 20	0 44	22 12	1 7	19 17	0 18	T 16
W17	9 14	28 4	5 15	6 18	1 28	23 43	2 13	4 54	1 16	19 23	0 44	22 12	1 7	19 17	0 18	W17
T 18	9 36	25 48	5 1	7 2	1 23	23 57	2 17	4 40	1 16	19 26	0 44	22 12	1 7	19 17	0 18	T 18
F 19	9 57	22 0	4 28	7 46	1 17	24 11	2 20	4 25	1 16	19 28	0 43	22 12	1 6	19 16	0 18	F 19
S 20	10 18	17 1	3 41	8 30	1 12	24 24	2 23	4 11	1 16	19 31	0 43	22 13	1 6	19 16	0 18	S 20
S 21	10 40	11 16	2 42	9 13	1 6	24 37	2 27	3 56	1 17	19 33	0 43	22 13	1 6	19 15	0 18	S 21
M22	11 1	5 4	1 34	9 56	1 0	24 48	2 30	3 41	1 17	19 36	0 43	22 13	1 6	19 15	0 18	M22
T 23	11 22	1n15	0 23	10 38	0 54	25 0	2 33	3 27	1 17	19 39	0 43	22 13	1 6	19 14	0 18	T 23
W24	11 42	7 24	0n48	11 19	0 48	25 10	2 36	3 12	1 17	19 41	0 43	22 14	1 6	19 14	0 18	W24
T 25	12 3	13 10	1 56	12 0	0 41	25 20	2 39	2 58	1 17	19 44	0 43	22 14	1 5	19 13	0 18	T 25
F 26	12 23	18 18	2 57	12 40	0 35	25 29	2 42	2 43	1 17	19 46	0 43	22 14	1 5	19 13	0 18	F 26
S 27	12 43	22 34	3 48	13 19	0 28	25 38	2 45	2 28	1 17	19 49	0 42	22 14	1 5	19 12	0 18	S 27
S 28	13 3	25 47	4 28	13 58	0 21	25 46	2 47	2 14	1 17	19 51	0 42	22 15	1 5	19 12	0 18	S 28
M29	13 23	27 48	4 56	14 35	0 14	25 53	2 50	1 59	1 17	19 54	0 42	22 15	1 5	19 11	0 18	M29
T 30	13 43	28 31	5 10	15 12	0 8	26 0	2 53	1 44	1 17	19 56	0 42	22 15	1 5	19 11	0 18	T 30
W31	14s 2	27n54	5n11	15s48	0n 1	26s 6	2s55	1n30	1n17	19s59	0n42	22s15	1n 5	19n10	0s18	W31

Julian Day Number = 2705296.5, Delta T = 26m51s

Ecliptic obliquity = 23°21'06, Nutation = - 0°00'03

Ayanamsha: Fagan/Bradley = 34°27'35, Lahiri = 33°34'34

## ASTRODIENST EPHEMERIS for the year 2694

NOVEMBER 2694

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 42 10	8♂43'08	24♂39	15♂ 4	24♂33	29♂50	3♂ 9	27♂53	27♂R10	1♂R32	29♂36	7♂R44	6♂Y24	5♂ 7	10♂35	T 1
F 2	2 46 7	9°42'47	6♂36	16°41	25°39	0♂27	3°22	27°58	27♂ 8	1♂30	29°37	7°D43	6°21	5°13	10°36	F 2
S 3	2 50 3	10°42'28	18°43	18°16	26°45	1° 4	3°35	28° 4	27° 5	1°29	29°37	7°Y43	6°18	5°20	10°37	S 3
S 4	2 54 0	11°42'11	1♂ 3	19°52	27°50	1°41	3°47	28° 9	27° 3	1°27	29°38	7°45	6°15	5°27	10°38	S 4
M 5	2 57 56	12°41'57	13°43	21°26	28°55	2°18	4° 0	28°15	27° 1	1°25	29°39	7°46	6°12	5°34	10°40	M 5
T 6	3 1 53	13°41'44	26°45	23° 1	0♂ 0	2°55	4°13	28°21	26°58	1°24	29°40	7°48	6° 8	5°40	10°41	T 6
W 7	3 5 49	14°41'34	10♂12	24°34	1° 5	3°32	4°26	28°26	26°56	1°22	29°40	7°R48	6° 5	5°47	10°42	W 7
T 8	3 9 46	15°41'26	24° 6	26° 8	2°10	4° 9	4°39	28°32	26°53	1°21	29°41	7°47	6° 2	5°54	10°44	T 8
F 9	3 13 43	16°41'20	8♂23	27°40	3°14	4°46	4°51	28°38	26°51	1°19	29°42	7°44	5°59	6° 0	10°45	F 9
S 10	3 17 39	17°41'15	23° 1	29°12	4°18	5°22	5° 4	28°44	26°48	1°17	29°42	7°39	5°56	6° 7	10°47	S 10
S 11	3 21 36	18°41'13	7♂51	0♂44	5°22	5°59	5°17	28°50	26°46	1°16	29°43	7°33	5°52	6°14	10°49	S 11
M12	3 25 32	19°41'13	22°46	2°16	6°25	6°36	5°30	28°56	26°44	1°14	29°43	7°27	5°49	6°21	10°51	M12
T 13	3 29 29	20°41'14	7♂36	3°46	7°29	7°13	5°43	29° 2	26°41	1°13	29°44	7°20	5°46	6°27	10°52	T 13
W14	3 33 25	21°41'17	22°15	5°17	8°32	7°49	5°57	29° 8	26°39	1°11	29°44	7°15	5°43	6°34	10°54	W14
T 15	3 37 22	22°41'22	6♂37	6°47	9°35	8°26	6°10	29°14	26°36	1°10	29°45	7°12	5°40	6°41	10°56	T 15
F 16	3 41 18	23°41'27	20°39	8°16	10°37	9° 3	6°23	29°20	26°34	1° 8	29°45	7°D11	5°37	6°48	10°58	F 16
S 17	3 45 15	24°41'35	4♂21	9°45	11°39	9°39	6°36	29°27	26°31	1° 6	29°46	7°11	5°33	6°54	11° 1	S 17
S 18	3 49 12	25°41'43	17°44	11°13	12°41	10°16	6°49	29°33	26°29	1° 5	29°46	7°13	5°30	7° 1	11° 3	S 18
M19	3 53 8	26°41'54	0♂50	12°41	13°43	10°52	7° 2	29°39	26°26	1° 4	29°46	7°R14	5°27	7° 8	11° 5	M19
T 20	3 57 5	27°42'05	13°42	14° 9	14°44	11°29	7°15	29°46	26°24	1° 2	29°47	7°14	5°24	7°14	11° 7	T 20
W21	4 1 1	28°42'19	26°21	15°36	15°45	12° 5	7°29	29°52	26°21	1° 1	29°47	7°12	5°21	7°21	11°10	W21
T 22	4 4 58	29°42'33	8♂49	17° 2	16°45	12°42	7°42	29°58	26°19	0°59	29°47	7° 7	5°18	7°28	11°12	T 22
F 23	4 8 54	0♂42'50	21° 8	18°28	17°45	13°18	7°55	0♂ 5	26°16	0°58	29°48	7° 0	5°14	7°35	11°15	F 23
S 24	4 12 51	1°43'08	3♂20	19°53	18°45	13°55	8° 8	0°11	26°14	0°56	29°48	6°51	5°11	7°41	11°17	S 24
S 25	4 16 47	2°43'28	15°24	21°17	19°44	14°31	8°22	0°18	26°11	0°55	29°48	6°41	5° 8	7°48	11°20	S 25
M26	4 20 44	3°43'49	27°22	22°41	20°43	15° 8	8°35	0°24	26° 9	0°54	29°48	6°29	5° 5	7°55	11°23	M26
T 27	4 24 41	4°44'13	9♂15	24° 3	21°41	15°44	8°48	0°31	26° 6	0°52	29°48	6°18	5° 2	8° 2	11°25	T 27
W28	4 28 37	5°44'38	21° 7	25°25	22°39	16°20	9° 2	0°38	26° 4	0°51	29°48	6° 8	4°58	8° 8	11°28	W28
T 29	4 32 34	6°45'04	2♂58	26°45	23°36	16°56	9°15	0°44	26° 2	0°50	29°49	6° 0	4°55	8°15	11°31	T 29
F 30	4 36 30	7♂45'33	14♂53	28♂ 5	24♂33	17♂33	9♂28	0♂51	25♂59	0♂48	29♂49	5♂55	4♂52	8♂22	11♂34	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	14s21	26n 1	4n59	16s24	0s 6	26s12	2s57	1n15	1n18	20s 2	0n42	22s16	1n 4	19n10	0s18	10n23
F 2	14 40	22 58	4 34	16 58	0 13	26 17	3 0	1 1	1 18	20 4	0 42	22 16	1 4	19 9	0 18	10 23
S 3	14 59	18 54	3 56	17 31	0 20	26 21	3 2	0 46	1 18	20 7	0 42	22 16	1 4	19 9	0 18	10 22
S 4	15 17	13 58	3 7	18 4	0 27	26 24	3 4	0 31	1 18	20 9	0 42	22 16	1 4	19 8	0 18	10 22
M 5	15 36	8 21	2 7	18 36	0 33	26 27	3 6	0 17	1 18	20 11	0 41	22 17	1 4	19 8	0 18	10 21
T 6	15 54	2 12	1 0	19 6	0 40	26 29	3 8	0 2	1 18	20 14	0 41	22 17	1 4	19 7	0 18	10 20
W 7	16 11	4s14	0s13	19 36	0 47	26 31	3 10	0s12	1 18	20 16	0 41	22 17	1 4	19 7	0 18	10 20
T 8	16 29	10 40	1 27	20 5	0 53	26 32	3 12	0 27	1 18	20 19	0 41	22 17	1 3	19 6	0 18	10 19
F 9	16 46	16 45	2 38	20 32	1 0	26 32	3 13	0 41	1 18	20 21	0 41	22 17	1 3	19 6	0 18	10 19
S 10	17 3	22 1	3 40	20 59	1 6	26 32	3 15	0 56	1 18	20 24	0 41	22 18	1 3	19 5	0 18	10 18
S 11	17 19	25 57	4 28	21 24	1 12	26 31	3 16	1 10	1 18	20 26	0 41	22 18	1 3	19 4	0 18	10 18
M12	17 36	28 7	4 59	21 49	1 18	26 29	3 17	1 25	1 18	20 28	0 41	22 18	1 3	19 4	0 18	10 17
T 13	17 52	28 16	5 9	22 13	1 24	26 27	3 19	1 39	1 18	20 31	0 41	22 18	1 3	19 3	0 18	10 17
W14	18 7	26 25	4 58	22 35	1 30	26 24	3 19	1 54	1 18	20 33	0 41	22 18	1 3	19 3	0 18	10 16
T 15	18 23	22 53	4 29	22 56	1 36	26 20	3 20	2 8	1 18	20 36	0 40	22 18	1 3	19 2	0 18	10 16
F 16	18 38	18 6	3 44	23 16	1 41	26 16	3 21	2 22	1 18	20 38	0 40	22 19	1 2	19 2	0 18	10 15
S 17	18 52	12 29	2 48	23 35	1 47	26 11	3 22	2 36	1 18	20 40	0 40	22 19	1 2	19 1	0 18	10 15
S 18	19 7	6 25	1 43	23 53	1 52	26 6	3 22	2 51	1 19	20 42	0 40	22 19	1 2	19 0	0 18	10 14
M19	19 21	0 12	0 34	24 10	1 57	26 0	3 22	3 5	1 19	20 45	0 40	22 19	1 2	19 0	0 18	10 14
T 20	19 35	5n55	0n35	24 25	2 1	25 54	3 22	3 19	1 19	20 47	0 40	22 19	1 2	18 59	0 18	10 13
W21	19 48	11 42	1 41	24 40	2 6	25 47	3 22	3 33	1 19	20 49	0 40	22 19	1 2	18 59	0 18	10 13
T 22	20 1	16 56	2 41	24 53	2 10	25 39	3 22	3 47	1 19	20 51	0 40	22 19	1 2	18 58	0 18	10 12
F 23	20 14	21 24	3 33	25 5	2 14	25 31	3 22	4 2	1 19	20 54	0 40	22 19	1 2	18 58	0 18	10 12
S 24	20 26	24 54	4 14	25 15	2 17	25 22	3 21	4 16	1 19	20 56	0 40	22 20	1 2	18 57	0 18	10 11
S 25	20 38	27 15	4 43	25 24	2 21	25 13	3 21	4 30	1 19	20 58	0 40	22 20	1 1	18 56	0 18	10 11
M26	20 49	28 19	5 0	25 32	2 24	25 3	3 20	4 43	1 19	21 0	0 40	22 20	1 1	18 56	0 18	10 10
T 27	21 0	28 4	5 3	25 39	2 26	24 53	3 19	4 57	1 19	21 2	0 40	22 20	1 1	18 55	0 18	10 10
W28	21 11	26 32	4 54	25 45	2 28	24 42	3 17	5 11	1 19	21 4	0 39	22 20	1 1	18 55	0 18	10 10
T 29	21 21	23 49	4 31	25 49	2 30	24 31	3 16	5 25	1 19	21 6	0 39	22 20	1 1	18 54	0 18	10 9
F 30	21s31	20n 5	3n57	25s51	2s31	24s19	3s14	5s39	1n19	21s 9	0n39	22s20	1n 1	18n54	0s18	10n 9

Julian Day Number = 2705327.5, Delta T = 26m51s

Ecliptic obliquity = 23°21'06, Nutation = - 0°00'03

Ayanamsha: Fagan/Bradley = 34°27'39, Lahiri = 33°34'39



## ASTRODIENST EPHEMERIS for the year 2695

JANUARY 2695

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 42 40	10°31'51	13°20	27°R47	17°42	6°30	16°30	4°35	24°R54	0°R22	29°R35	2°R45	3°Y10	11°57	13°35	T 1
W 2	6 46 37	11°12'55	26°34	27°R 6	18° 4	7° 5	16°43	4°42	24°R52	0°R22	29°R34	2°Y45	3° 7	12° 4	13°40	W 2
T 3	6 50 33	12°14'00	10°17	26°35	18°24	7°40	16°55	4°49	24°51	0°21	29°33	2°42	3° 4	12°10	13°44	T 3
F 4	6 54 30	13°15'06	24°29	26°16	18°42	8°15	17° 8	4°56	24°49	0°21	29°33	2°37	3° 1	12°17	13°49	F 4
S 5	6 58 26	14°16'12	9°R 9	26°D 7	18°59	8°49	17°21	5° 3	24°48	0°21	29°32	2°29	2°58	12°24	13°53	S 5
S 6	7 2 23	15°17'19	24°13	26° 8	19°13	9°24	17°33	5°10	24°46	0°21	29°31	2°19	2°55	12°30	13°58	S 6
M 7	7 6 20	16°18'27	9°R31	26°18	19°25	9°58	17°46	5°17	24°45	0°21	29°30	2° 8	2°51	12°37	14° 3	M 7
T 8	7 10 16	17°19'35	24°53	26°36	19°35	10°33	17°58	5°24	24°44	0°21	29°29	1°57	2°48	12°44	14° 7	T 8
W 9	7 14 13	18°20'43	10°R 6	27° 2	19°42	11° 7	18°11	5°31	24°43	0°20	29°28	1°47	2°45	12°51	14°12	W 9
T 10	7 18 9	19°21'51	25° 1	27°35	19°47	11°41	18°23	5°38	24°42	0°20	29°27	1°40	2°42	12°57	14°17	T 10
F 11	7 22 6	20°22'59	9°R29	28°14	19°50	12°16	18°36	5°45	24°40	0°D20	29°26	1°36	2°39	13° 4	14°21	F 11
S 12	7 26 2	21°24'07	23°28	28°58	19°R50	12°50	18°48	5°52	24°39	0°20	29°25	1°34	2°36	13°11	14°26	S 12
S 13	7 29 59	22°25'14	6°Y58	29°47	19°48	13°24	19° 0	5°59	24°38	0°21	29°24	1°D34	2°32	13°18	14°31	S 13
M14	7 33 55	23°26'22	20° 2	0°R41	19°43	13°58	19°12	6° 6	24°37	0°21	29°22	1°R34	2°29	13°24	14°36	M14
T 15	7 37 52	24°27'29	2°R43	1°38	19°36	14°32	19°24	6°13	24°36	0°21	29°21	1°34	2°26	13°31	14°41	T 15
W16	7 41 49	25°28'36	15° 6	2°39	19°26	15° 6	19°37	6°20	24°36	0°21	29°20	1°32	2°23	13°38	14°45	W16
T 17	7 45 45	26°29'43	27°15	3°43	19°14	15°39	19°49	6°27	24°35	0°21	29°19	1°27	2°20	13°44	14°50	T 17
F 18	7 49 42	27°30'50	9°R16	4°50	18°59	16°13	20° 0	6°34	24°34	0°21	29°18	1°20	2°16	13°51	14°55	F 18
S 19	7 53 38	28°31'56	21°11	5°59	18°42	16°47	20°12	6°40	24°33	0°22	29°17	1°10	2°13	13°58	15° 0	S 19
S 20	7 57 35	29°33'02	3°R 4	7°10	18°23	17°20	20°24	6°47	24°33	0°22	29°15	0°59	2°10	14° 5	15° 5	S 20
M21	8 1 31	0°34'07	14°56	8°23	18° 1	17°54	20°36	6°54	24°32	0°22	29°14	0°46	2° 7	14°11	15°10	M21
T 22	8 5 28	1°35'13	26°49	9°38	17°36	18°27	20°48	7° 1	24°31	0°23	29°13	0°34	2° 4	14°18	15°15	T 22
W23	8 9 24	2°36'18	8°R45	10°55	17°10	19° 0	20°59	7° 7	24°31	0°23	29°12	0°23	2° 1	14°25	15°20	W23
T 24	8 13 21	3°37'23	20°45	12°13	16°42	19°34	21°11	7°14	24°30	0°24	29°11	0°14	1°57	14°31	15°25	T 24
F 25	8 17 18	4°38'27	2°R50	13°32	16°12	20° 7	21°22	7°20	24°30	0°24	29° 9	0° 8	1°54	14°38	15°30	F 25
S 26	8 21 14	5°39'31	15° 3	14°53	15°40	20°40	21°34	7°27	24°30	0°25	29° 8	0° 4	1°51	14°45	15°35	S 26
S 27	8 25 11	6°40'35	27°25	16°14	15° 7	21°13	21°45	7°34	24°29	0°25	29° 7	0°D 3	1°48	14°52	15°40	S 27
M28	8 29 7	7°41'39	10°R 1	17°37	14°32	21°46	21°56	7°40	24°29	0°26	29° 5	0° 3	1°45	14°58	15°45	M28
T 29	8 33 4	8°42'43	22°52	19° 1	13°57	22°19	22° 7	7°46	24°29	0°26	29° 4	0° 4	1°42	15° 5	15°50	T 29
W30	8 37 0	9°43'46	6°R 2	20°25	13°21	22°51	22°18	7°53	24°29	0°27	29° 3	0°R 5	1°38	15°12	15°55	W30
T 31	8 40 57	10°44'49	19°R36	21°R51	12°44	23°R24	22°R29	7°R59	24°R29	0°R28	29°R 1	0°Y 5	1°Y35	15°R18	16°R 0	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	22s58	6s 6	0s56	20s22	2n58	15s38	0s10	12s26	1n17	22s 3	0n38	22s18	0n58	18n39	0s17	10n 1	T 1
W 2	22 53	12 7	2 2	20 18	3 1	15 21	0n 1	12 37	1 17	22 4	0 38	22 18	0 58	18 38	0 17	10 1	W 2
T 3	22 47	17 46	3 4	20 17	3 2	15 4	0 12	12 48	1 17	22 5	0 38	22 17	0 58	18 38	0 17	10 1	T 3
F 4	22 42	22 39	3 57	20 17	3 1	14 47	0 24	13 0	1 17	22 7	0 38	22 17	0 58	18 38	0 17	10 1	F 4
S 5	22 35	26 18	4 36	20 19	2 58	14 31	0 36	13 11	1 17	22 8	0 38	22 17	0 58	18 37	0 17	10 1	S 5
S 6	22 29	28 11	4 58	20 23	2 54	14 14	0 48	13 22	1 16	22 9	0 37	22 17	0 58	18 37	0 17	10 1	S 6
M 7	22 22	27 58	4 58	20 29	2 49	13 59	1 1	13 33	1 16	22 10	0 37	22 17	0 58	18 37	0 17	10 1	M 7
T 8	22 14	25 37	4 37	20 35	2 43	13 43	1 14	13 44	1 16	22 11	0 37	22 16	0 58	18 36	0 17	10 1	T 8
W 9	22 6	21 27	3 57	20 43	2 37	13 28	1 27	13 54	1 16	22 12	0 37	22 16	0 58	18 36	0 17	10 1	W 9
T 10	21 58	15 58	3 1	20 51	2 29	13 14	1 41	14 5	1 16	22 14	0 37	22 16	0 58	18 36	0 17	10 1	T 10
F 11	21 49	9 45	1 54	20 59	2 21	12 59	1 55	14 15	1 16	22 15	0 37	22 16	0 58	18 36	0 17	10 1	F 11
S 12	21 39	3 14	0 43	21 8	2 13	12 46	2 9	14 26	1 15	22 16	0 37	22 15	0 58	18 35	0 17	10 1	S 12
S 13	21 30	3n12	0n29	21 17	2 4	12 33	2 24	14 36	1 15	22 17	0 37	22 15	0 58	18 35	0 17	10 1	S 13
M14	21 20	9 18	1 36	21 25	1 56	12 20	2 39	14 47	1 15	22 18	0 37	22 15	0 58	18 35	0 17	10 1	M14
T 15	21 9	14 50	2 38	21 34	1 47	12 8	2 54	14 57	1 15	22 19	0 37	22 15	0 58	18 35	0 17	10 1	T 15
W16	20 58	19 39	3 30	21 42	1 38	11 57	3 9	15 7	1 15	22 20	0 37	22 14	0 58	18 35	0 17	10 1	W16
T 17	20 47	23 33	4 11	21 50	1 28	11 46	3 24	15 17	1 15	22 21	0 37	22 14	0 58	18 34	0 17	10 1	T 17
F 18	20 35	26 23	4 41	21 57	1 19	11 36	3 40	15 26	1 14	22 21	0 37	22 14	0 58	18 34	0 17	10 2	F 18
S 19	20 23	28 1	4 58	22 3	1 10	11 26	3 55	15 36	1 14	22 22	0 37	22 13	0 58	18 34	0 17	10 2	S 19
S 20	20 10	28 21	5 3	22 9	1 1	11 17	4 10	15 46	1 14	22 23	0 37	22 13	0 58	18 34	0 17	10 2	S 20
M21	19 57	27 23	4 54	22 13	0 52	11 9	4 26	15 55	1 14	22 24	0 37	22 13	0 58	18 34	0 17	10 2	M21
T 22	19 44	25 10	4 32	22 17	0 43	11 2	4 41	16 5	1 13	22 25	0 37	22 12	0 58	18 34	0 17	10 2	T 22
W23	19 30	21 50	3 58	22 20	0 34	10 55	4 56	16 14	1 13	22 26	0 37	22 12	0 58	18 34	0 17	10 2	W23
T 24	19 16	17 35	3 14	22 22	0 26	10 50	5 11	16 23	1 13	22 26	0 37	22 12	0 58	18 34	0 17	10 3	T 24
F 25	19 2	12 36	2 20	22 23	0 17	10 45	5 25	16 32	1 13	22 27	0 37	22 11	0 58	18 33	0 17	10 3	F 25
S 26	18 47	7 6	1 20	22 23	0 9	10 40	5 39	16 41	1 12	22 28	0 37	22 11	0 58	18 33	0 17	10 3	S 26
S 27	18 32	1 14	0 14	22 21	0 1	10 37	5 53	16 50	1 12	22 29	0 37	22 11	0 57	18 33	0 17	10 3	S 27
M28	18 17	4s46	0s53	22 19	0s 7	10 34	6 6	16 59	1 12	22 29	0 37	22 10	0 57	18 33	0 17	10 4	M28
T 29	18 1	10 42	2 0	22 16	0 15	10 32	6 18	17 8	1 12	22 30	0 37	22 10	0 57	18 33	0 17	10 4	T 29
W30	17 45	16 20	3 1	22 11	0 23	10 31	6 30	17 16	1 11	22 31	0 37	22 10	0 57	18 33	0 16	10 4	W30
T 31	17s29	21s20	3s55	22s 5	0s30	10s30	6n41	17s24	1n11	22s31	0n37	22s 9	0n57	18n33	0s16	10n 4	T 31

Julian Day Number = 2705388.5, Delta T = 26m52s

Ecliptic obliquity = 23°21'05, Nutation = - 0°00'01

Ayanamsha: Fagan/Bradley = 34°27'47, Lahiri = 33°34'47

# ASTRODIENST EPHEMERIS for the year 2695

FEBRUARY 2695

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8 44 53	11 <sup>45</sup> 52	3 <sup>37</sup> 35	23 <sup>38</sup> 17	12°R 7	23 <sup>18</sup> 57	22 <sup>27</sup> 40	8 <sup>38</sup> 6	24°D29	0 <sup>28</sup> 28	29°R 0	0°R 3	1 <sup>17</sup> 32	15 <sup>25</sup> 25	16 <sup>22</sup> 5	F 1
S 2	8 48 50	12°46'55	17°58	24°44	11 <sup>30</sup> 30	24°29	22°51	8°12	24 <sup>28</sup> 29	0°29	28 <sup>25</sup> 59	29 <sup>38</sup> 59	1°29	15°32	16°10	S 2
S 3	8 52 47	13°47'57	2 <sup>34</sup> 44	26°12	10°54	25° 1	23° 2	8°18	24°29	0°30	28°57	29°53	1°26	15°39	16°15	S 3
M 4	8 56 43	14°48'59	17°45	27°40	10°18	25°34	23°12	8°24	24°29	0°31	28°56	29°46	1°22	15°45	16°20	M 4
T 5	9 0 40	15°50'00	2 <sup>35</sup> 54	29° 9	9°42	26° 6	23°23	8°30	24°29	0°32	28°54	29°38	1°19	15°52	16°25	T 5
W 6	9 4 36	16°51'01	18° 1	0 <sup>36</sup> 39	9° 8	26°38	23°33	8°37	24°29	0°33	28°53	29°32	1°16	15°59	16°30	W 6
T 7	9 8 33	17°52'00	2 <sup>37</sup> 55	2°10	8°35	27°10	23°44	8°43	24°29	0°34	28°52	29°28	1°13	16° 6	16°35	T 7
F 8	9 12 29	18°52'59	17°28	3°41	8° 3	27°41	23°54	8°49	24°30	0°34	28°50	29°25	1°10	16°12	16°40	F 8
S 9	9 16 26	19°53'57	1 <sup>17</sup> 35	5°13	7°33	28°13	24° 4	8°55	24°30	0°35	28°49	29°D24	1° 7	16°19	16°45	S 9
S 10	9 20 22	20°54'53	15°15	6°46	7° 4	28°44	24°14	9° 0	24°30	0°36	28°47	29°25	1° 3	16°26	16°50	S 10
M11	9 24 19	21°55'49	28°27	8°19	6°38	29°16	24°24	9° 6	24°31	0°38	28°46	29°27	1° 0	16°32	16°55	M11
T 12	9 28 16	22°56'43	11 <sup>18</sup> 15	9°53	6°13	29°47	24°34	9°12	24°32	0°39	28°44	29°28	0°57	16°39	17° 0	T 12
W13	9 32 12	23°57'36	2 <sup>38</sup> 42	11°28	5°51	0 <sup>48</sup> 18	24°44	9°18	24°32	0°40	28°43	29°R29	0°54	16°46	17° 5	W13
T 14	9 36 9	24°58'28	5 <sup>11</sup> 54	13° 3	5°31	0°49	24°53	9°24	24°33	0°41	28°42	29°28	0°51	16°53	17°10	T 14
F 15	9 40 5	25°59'18	17°54	14°39	5°13	1°20	25° 3	9°29	24°33	0°42	28°40	29°26	0°48	16°59	17°15	F 15
S 16	9 44 2	27° 0'07	29°48	16°16	4°58	1°51	25°12	9°35	24°34	0°43	28°39	29°22	0°44	17° 6	17°20	S 16
S 17	9 47 58	28° 0'55	11 <sup>20</sup> 39	17°54	4°45	2°22	25°21	9°40	24°35	0°44	28°37	29°17	0°41	17°13	17°25	S 17
M18	9 51 55	29° 1'42	23°31	19°32	4°35	2°52	25°31	9°46	24°36	0°46	28°36	29°12	0°38	17°19	17°30	M18
T 19	9 55 51	0 <sup>21</sup> 47	5 <sup>22</sup> 27	21°11	4°27	3°23	25°40	9°51	24°37	0°47	28°34	29° 6	0°35	17°26	17°35	T 19
W20	9 59 48	1° 3'10	17°29	22°51	4°21	3°53	25°49	9°56	24°38	0°48	28°33	29° 1	0°32	17°33	17°40	W20
T 21	10 3 45	2° 3'53	29°38	24°32	4°19	4°23	25°57	10° 2	24°39	0°50	28°31	28°57	0°28	17°40	17°45	T 21
F 22	10 7 41	3° 4'34	11 <sup>23</sup> 56	26°13	4°D18	4°53	26° 6	10° 7	24°40	0°51	28°30	28°55	0°25	17°46	17°50	F 22
S 23	10 11 38	4° 5'14	24°23	27°56	4°20	5°23	26°15	10°12	24°41	0°53	28°29	28°D53	0°22	17°53	17°55	S 23
S 24	10 15 34	5° 5'52	7 <sup>24</sup> 2	29°39	4°24	5°52	26°23	10°17	24°42	0°54	28°27	28°54	0°19	18° 0	17°59	S 24
M25	10 19 31	6° 6'30	19°54	1 <sup>25</sup> 23	4°31	6°22	26°32	10°22	24°43	0°55	28°26	28°55	0°16	18° 6	18° 4	M25
T 26	10 23 27	7° 7'06	2 <sup>26</sup> 58	3° 8	4°40	6°51	26°40	10°27	24°44	0°57	28°24	28°56	0°13	18°13	18° 9	T 26
W27	10 27 24	8° 7'41	16°18	4°53	4°51	7°20	26°48	10°32	24°46	0°58	28°23	28°58	0° 9	18°20	18°14	W27
T 28	10 31 20	9 <sup>28</sup> 8'15	29 <sup>28</sup> 54	6 <sup>29</sup> 40	5 <sup>30</sup> 5	7 <sup>31</sup> 49	26 <sup>30</sup> 56	10 <sup>32</sup> 37	24 <sup>47</sup> 47	1 <sup>30</sup> 0	28 <sup>21</sup> 21	28 <sup>59</sup> 59	0 <sup>10</sup> 6	18 <sup>27</sup> 27	18 <sup>28</sup> 19	T 28

Day	☉	☾	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	17s12	25s18	4s36	21s58	0s37	10s30	6n52	17s33	1n11	22s32	0n37	22s 9	0n57	18n33	0s16	10n 5	1s37	19n53	8n40	0n 1	0n36	27n26	10s 2	6n11
S 2	16 55	27 48	5 1	21 50	0 44	10 30	7 1	17 41	1 10	22 33	0 37	22 9	0 57	18 33	0 16	10 5	1 37	19 53	8 40	0s 1	0 35	27 25	10 1	6 11
S 3	16 37	28 27	5 7	21 40	0 51	10 32	7 10	17 49	1 10	22 33	0 37	22 8	0 57	18 33	0 16	10 5	1 37	19 54	8 40	0 3	0 34	27 24	10 0	6 11
M 4	16 20	27 1	4 53	21 30	0 58	10 33	7 18	17 57	1 10	22 34	0 37	22 8	0 57	18 33	0 16	10 6	1 37	19 55	8 40	0 6	0 33	27 22	9 58	6 11
T 5	16 2	23 37	4 18	21 18	1 4	10 36	7 25	18 5	1 9	22 34	0 37	22 8	0 57	18 33	0 16	10 6	1 37	19 55	8 40	0 9	0 31	27 21	9 57	6 11
W 6	15 44	18 38	3 25	21 4	1 10	10 38	7 31	18 13	1 9	22 35	0 37	22 7	0 57	18 33	0 16	10 6	1 37	19 56	8 40	0 11	0 30	27 20	9 55	6 11
T 7	15 25	12 33	2 19	20 50	1 16	10 42	7 37	18 20	1 9	22 35	0 37	22 7	0 57	18 34	0 16	10 7	1 37	19 56	8 40	0 13	0 29	27 19	9 54	6 11
F 8	15 7	5 55	1 4	20 34	1 21	10 45	7 41	18 28	1 8	22 36	0 37	22 6	0 57	18 34	0 16	10 7	1 37	19 57	8 40	0 14	0 28	27 18	9 53	6 11
S 9	14 48	0n49	0n12	20 17	1 26	10 49	7 44	18 35	1 8	22 36	0 37	22 6	0 57	18 34	0 16	10 7	1 37	19 58	8 41	0 14	0 26	27 17	9 51	6 11
S 10	14 28	7 18	1 25	19 59	1 31	10 54	7 47	18 42	1 8	22 37	0 37	22 6	0 57	18 34	0 16	10 8	1 37	19 58	8 41	0 14	0 25	27 16	9 50	6 11
M11	14 9	13 15	2 31	19 40	1 36	10 58	7 49	18 49	1 7	22 37	0 37	22 5	0 57	18 34	0 16	10 8	1 37	19 59	8 41	0 13	0 24	27 15	9 48	6 11
T 12	13 49	18 27	3 28	19 19	1 40	11 3	7 50	18 56	1 7	22 37	0 37	22 5	0 57	18 34	0 16	10 9	1 37	20 0	8 41	0 13	0 23	27 14	9 47	6 11
W13	13 29	22 43	4 13	18 57	1 44	11 8	7 50	19 3	1 7	22 38	0 37	22 4	0 57	18 34	0 16	10 9	1 37	20 0	8 41	0 12	0 21	27 13	9 45	6 11
T 14	13 9	25 54	4 46	18 34	1 48	11 13	7 49	19 10	1 6	22 38	0 37	22 4	0 57	18 35	0 16	10 10	1 37	20 1	8 41	0 13	0 20	27 12	9 44	6 11
F 15	12 49	27 52	5 5	18 9	1 52	11 19	7 48	19 17	1 6	22 38	0 37	22 4	0 57	18 35	0 16	10 10	1 37	20 1	8 41	0 13	0 19	27 11	9 42	6 11
S 16	12 28	28 33	5 12	17 44	1 55	11 24	7 46	19 23	1 5	22 39	0 37	22 3	0 57	18 35	0 16	10 10	1 36	20 2	8 41	0 15	0 18	27 10	9 41	6 11
S 17	12 7	27 54	5 4	17 17	1 58	11 30	7 44	19 30	1 5	22 39	0 37	22 3	0 57	18 35	0 16	10 11	1 36	20 3	8 41	0 17	0 16	27 8	9 39	6 11
M18	11 46	25 59	4 44	16 48	2 0	11 35	7 40	19 36	1 4	22 39	0 37	22 3	0 57	18 35	0 16	10 11	1 36	20 3	8 41	0 19	0 15	27 7	9 38	6 11
T 19	11 25	22 54	4 12	16 19	2 2	11 41	7 37	19 43	1 4	22 40	0 37	22 2	0 57	18 36	0 16	10 12	1 36	20 4	8 41	0 21	0 14	27 6	9 36	6 11
W20	11 4	18 50	3 28	15 48	2 4	11 46	7 32	19 49	1 3	22 40	0 37	22 2	0 57	18 36	0 16	10 12	1 36	20 4	8 42	0 23	0 13	27 5	9 35	6 11
T 21	10 42	13 58	2 34	15 16	2 5	11 51	7 28	19 55	1 3	22 40	0 37	22 1	0 57	18 36	0 16	10 13	1 36	20 5	8 42	0 25	0 11	27 4	9 33	6 11
F 22	10 20	8 29	1 32	14 43	2 6	11 56	7 23	20 1	1 2	22 40	0 37	22 1	0 57	18 36	0 16	10 13	1 36	20 5	8 42	0 26	0 10	27 3	9 32	6 12
S 23	9 58	2 36	0 25	14 8	2 7	12 1	7 17	20 6	1 2	22 41	0 37	22 1	0 57	18 37	0 16	10 14	1 36	20 6	8 42	0 26	0 9	27 2	9 30	6 12
S 24	9 36	3s28	0s45	13 32	2 7	12 6	7 11	20 12	1 1	22 41	0 37	22 0	0 57	18 37	0 16	10 15	1 36	20 7	8 42	0 26	0 8	27 0	9 29	6 12
M25	9 14	9 30	1 53	12 55	2 7	12 11	7 5	20 18	1 1	22 41	0 37	22 0	0 57	18 37	0 16	10 15	1 36	20 7	8 42	0 26	0 6	26 59	9 27	6 12
T 26	8 52	15 14	2 57	12 17	2 6	12 15	6 58	20 23	1 0	22 41	0 37	21 59	0 57	18 38	0 16	10 16	1 36	20 8	8 42	0 25	0 5	26 58	9 26	6 12
W27	8 29	20 21	3 52	11 37	2 5	12 19	6 51	20 28	1 0	22 42	0 37	21 59	0 57	18 38	0 16	10 16	1 36	20 8	8 42	0 25	0 4	26 57	9 24	6 12
T 28	8s 7	24s33	4s36	10s57	2s 3	12s23	6n44	20s34	0n59	22s42	0n37	21s59	0n57	18n38	0s16	10n17	1s36	20n 9	8n42	0s24	0n 2	26n56	9s22	6n12

Julian Day Number = 2705419.5, Delta T = 26m52s  
 Ecliptic obliquity = 23°21'06, Nutation = 0°00'01  
 Ayanamsha: Fagan/Bradley = 34°27'52, Lahiri = 33°3

## ASTRODIENST EPHEMERIS for the year 2695

MARCH 2695

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	10 35 17	10 <sup>18</sup> 8'48	13 <sup>27</sup> 47	8 <sup>27</sup> 27	5 <sup>20</sup> 20	8 <sup>18</sup> 18	27 <sup>27</sup> 4	10 <sup>34</sup> 41	24 <sup>48</sup> 48	1 <sup>18</sup> 1	28 <sup>20</sup> 20	28 <sup>59</sup> 59	0 <sup>07</sup> 3	18 <sup>33</sup> 33	18 <sup>23</sup> 23	F 1
S 2	10 39 14	11° 9'20	27° 57	10° 16	5° 38	8° 47	27° 11	10° 46	24° 50	1° 3	28° 19	28° 58	29° 59	18° 40	18° 28	S 2
S 3	10 43 10	12° 9'51	12 <sup>32</sup> 22	12° 5	5° 57	9° 15	27° 19	10° 51	24° 51	1° 5	28° 17	28° 57	29° 57	18° 47	18° 33	S 3
M 4	10 47 7	13° 10'20	26° 58	13° 55	6° 19	9° 44	27° 26	10° 55	24° 53	1° 6	28° 16	28° 55	29° 54	18° 53	18° 38	M 4
T 5	10 51 3	14° 10'48	11 <sup>34</sup> 40	15° 46	6° 42	10° 12	27° 34	10° 59	24° 54	1° 8	28° 14	28° 53	29° 50	19° 0	18° 42	T 5
W 6	10 55 0	15° 11'15	26° 23	17° 38	7° 7	10° 40	27° 41	11° 4	24° 56	1° 10	28° 13	28° 51	29° 47	19° 7	18° 47	W 6
T 7	10 58 56	16° 11'40	10 <sup>38</sup> 58	19° 30	7° 33	11° 7	27° 48	11° 8	24° 58	1° 11	28° 12	28° 50	29° 44	19° 14	18° 51	T 7
F 8	11 2 53	17° 12'03	25° 19	21° 23	8° 2	11° 35	27° 54	11° 12	24° 59	1° 13	28° 10	28° 49	29° 41	19° 20	18° 56	F 8
S 9	11 6 49	18° 12'25	9 <sup>07</sup> 21	23° 17	8° 32	12° 2	28° 1	11° 16	25° 1	1° 15	28° 9	28° 50	29° 38	19° 27	19° 1	S 9
S 10	11 10 46	19° 12'45	23° 1	25° 11	9° 3	12° 29	28° 8	11° 20	25° 3	1° 17	28° 8	28° 50	29° 34	19° 34	19° 5	S 10
M 11	11 14 43	20° 13'03	6 <sup>18</sup> 17	27° 5	9° 36	12° 56	28° 14	11° 24	25° 5	1° 18	28° 6	28° 51	29° 31	19° 40	19° 10	M 11
T 12	11 18 39	21° 13'19	19° 10	28° 59	10° 10	13° 23	28° 20	11° 28	25° 7	1° 20	28° 5	28° 52	29° 28	19° 47	19° 14	T 12
W 13	11 22 36	22° 13'34	1 <sup>12</sup> 43	0 <sup>07</sup> 54	10° 46	13° 49	28° 26	11° 32	25° 9	1° 22	28° 4	28° 52	29° 25	19° 54	19° 18	W 13
T 14	11 26 32	23° 13'46	13° 59	2° 48	11° 22	14° 15	28° 32	11° 36	25° 11	1° 24	28° 2	28° 53	29° 22	20° 1	19° 23	T 14
F 15	11 30 29	24° 13'57	26° 2	4° 42	12° 1	14° 41	28° 38	11° 39	25° 13	1° 26	28° 1	28° 53	29° 19	20° 7	19° 27	F 15
S 16	11 34 25	25° 14'05	7 <sup>05</sup> 57	6° 35	12° 40	15° 7	28° 44	11° 43	25° 15	1° 28	28° 0	28° 53	29° 15	20° 14	19° 32	S 16
S 17	11 38 22	26° 14'11	19° 49	8° 26	13° 20	15° 32	28° 49	11° 46	25° 17	1° 30	27° 59	28° 53	29° 12	20° 21	19° 36	S 17
M 18	11 42 18	27° 14'16	1 <sup>02</sup> 42	10° 17	14° 2	15° 58	28° 54	11° 50	25° 19	1° 32	27° 57	28° 52	29° 9	20° 27	19° 40	M 18
T 19	11 46 15	28° 14'18	13° 40	12° 5	14° 44	16° 23	29° 0	11° 53	25° 21	1° 34	27° 56	28° 52	29° 6	20° 34	19° 44	T 19
W 20	11 50 12	29° 14'18	25° 46	13° 51	15° 28	16° 47	29° 5	11° 56	25° 23	1° 36	27° 55	28° 52	29° 3	20° 41	19° 48	W 20
T 21	11 54 8	0 <sup>07</sup> 14'16	8 <sup>10</sup> 4	15° 34	16° 13	17° 12	29° 9	11° 59	25° 26	1° 38	27° 54	28° 52	29° 0	20° 48	19° 53	T 21
F 22	11 58 5	1° 14'12	20° 36	17° 13	16° 58	17° 36	29° 14	12° 2	25° 28	1° 40	27° 53	28° 52	28° 56	20° 54	19° 57	F 22
S 23	12 2 1	2° 14'06	3 <sup>02</sup> 21	18° 49	17° 45	18° 0	29° 18	12° 5	25° 30	1° 42	27° 51	28° 52	28° 53	21° 1	20° 1	S 23
S 24	12 5 58	3° 13'59	16° 22	20° 20	18° 32	18° 23	29° 23	12° 8	25° 33	1° 44	27° 50	28° 52	28° 50	21° 8	20° 5	S 24
M 25	12 9 54	4° 13'49	29° 37	21° 47	19° 20	18° 47	29° 27	12° 11	25° 35	1° 46	27° 49	28° 52	28° 47	21° 14	20° 9	M 25
T 26	12 13 51	5° 13'38	13 <sup>10</sup> 6	23° 8	20° 9	19° 10	29° 31	12° 13	25° 38	1° 48	27° 48	28° 51	28° 44	21° 21	20° 13	T 26
W 27	12 17 47	6° 13'25	26° 47	24° 23	20° 59	19° 32	29° 35	12° 16	25° 40	1° 50	27° 47	28° 50	28° 40	21° 28	20° 16	W 27
T 28	12 21 44	7° 13'11	10 <sup>27</sup> 39	25° 31	21° 49	19° 55	29° 38	12° 18	25° 43	1° 52	27° 46	28° 49	28° 37	21° 35	20° 20	T 28
F 29	12 25 41	8° 12'54	24° 39	26° 33	22° 40	20° 17	29° 42	12° 21	25° 45	1° 54	27° 45	28° 49	28° 34	21° 41	20° 24	F 29
S 30	12 29 37	9° 12'37	8 <sup>38</sup> 47	27° 28	23° 32	20° 39	29° 45	12° 23	25° 48	1° 56	27° 44	28° 48	28° 31	21° 48	20° 28	S 30
S 31	12 33 34	10 <sup>07</sup> 12'17	23 <sup>38</sup> 0	28° 16	24° 25	21° 0	29° 48	12° 25	25° 50	1° 58	27° 43	28° 49	28° 28	21° 55	20° 32	S 31

Day	☉	☽		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
F 1	7s44	27s24	5s 4	10s15	2s 1	12s26	6n37	20s39	0n58	22s42	0n37	21s58	0n57	18n39	0s16	10n17	1s36	20n 9	8n42	0s24	0n 1	26n54	9s21	6n12				
S 2	7 21	28 35	5 15	9 31	1 59	12 29	6 30	20 44	0 58	22 42	0 37	21 58	0 57	18 39	0 16	10 18	1 36	20 10	8 42	0 24	0s 0	26 53	9 19	6 12				
S 3	6 58	27 52	5 7	8 47	1 56	12 32	6 22	20 49	0 57	22 42	0 37	21 57	0 57	18 39	0 16	10 19	1 36	20 10	8 42	0 25	0 1	26 52	9 18	6 13				
M 4	6 35	25 15	4 39	8 2	1 52	12 35	6 14	20 54	0 57	22 42	0 37	21 57	0 57	18 40	0 16	10 19	1 36	20 11	8 42	0 26	0 3	26 51	9 16	6 13				
T 5	6 12	20 56	3 52	7 15	1 48	12 37	6 6	20 58	0 56	22 42	0 37	21 57	0 57	18 40	0 16	10 20	1 36	20 11	8 42	0 27	0 4	26 49	9 15	6 13				
W 6	5 49	15 20	2 50	6 27	1 43	12 38	5 58	21 3	0 55	22 42	0 37	21 56	0 57	18 41	0 16	10 20	1 36	20 12	8 42	0 27	0 5	26 48	9 13	6 13				
T 7	5 26	8 56	1 37	5 39	1 38	12 40	5 50	21 8	0 55	22 43	0 37	21 56	0 57	18 41	0 16	10 21	1 36	20 12	8 42	0 28	0 6	26 47	9 12	6 13				
F 8	5 2	2 9	0 19	4 49	1 32	12 41	5 42	21 12	0 54	22 43	0 37	21 56	0 57	18 41	0 16	10 22	1 36	20 13	8 42	0 28	0 8	26 46	9 10	6 13				
S 9	4 39	4n35	0n58	3 58	1 26	12 41	5 34	21 16	0 53	22 43	0 37	21 55	0 57	18 42	0 16	10 22	1 36	20 13	8 42	0 28	0 9	26 44	9 9	6 13				
S 10	4 15	10 56	2 10	3 7	1 19	12 41	5 26	21 21	0 52	22 43	0 37	21 55	0 57	18 42	0 16	10 23	1 36	20 14	8 42	0 28	0 10	26 43	9 7	6 14				
M 11	3 52	16 36	3 13	2 15	1 11	12 41	5 17	21 25	0 52	22 43	0 37	21 55	0 57	18 43	0 16	10 24	1 36	20 14	8 42	0 27	0 11	26 42	9 6	6 14				
T 12	3 28	21 22	4 4	1 22	1 3	12 40	5 9	21 29	0 51	22 43	0 38	21 54	0 58	18 43	0 16	10 24	1 35	20 15	8 42	0 27	0 13	26 40	9 4	6 14				
W 13	3 4	25 2	4 42	0 29	0 54	12 39	5 1	21 33	0 50	22 43	0 38	21 54	0 58	18 44	0 16	10 25	1 35	20 15	8 42	0 27	0 14	26 39	9 3	6 14				
T 14	2 41	27 28	5 6	0n25	0 45	12 37	4 52	21 37	0 49	22 43	0 38	21 54	0 58	18 44	0 16	10 26	1 35	20 15	8 42	0 27	0 15	26 38	9 1	6 14				
F 15	2 17	28 34	5 17	1 19	0 35	12 35	4 44	21 40	0 48	22 43	0 38	21 53	0 58	18 45	0 16	10 26	1 35	20 16	8 42	0 27	0 16	26 36	9 0	6 15				
S 16	1 53	28 19	5 13	2 13	0 25	12 32	4 35	21 44	0 48	22 43	0 38	21 53	0 58	18 45	0 16	10 27	1 35	20 16	8 42	0 27	0 18	26 35	8 58	6 15				
S 17	1 29	26 47	4 56	3 7	0 14	12 29	4 27	21 48	0 47	22 43	0 38	21 53	0 58	18 46	0 15	10 28	1 35	20 17	8 42	0 27	0 19	26 34	8 57	6 15				
M 18	1 6	24 2	4 27	4 1	0 2	12 26	4 19	21 51	0 46	22 43	0 38	21 52	0 58	18 46	0 15	10 28	1 35	20 17	8 42	0 27	0 20	26 32	8 55	6 15				
T 19	0 42	20 15	3 45	4 54	0n 9	12 21	4 10	21 55	0 45	22 43	0 38	21 52	0 58	18 47	0 15	10 29	1 35	20 18	8 42	0 27	0 21	26 31	8 54	6 15				
W 20	0 18	15 36	2 53	5 47	0 22	12 17	4 2	21 58	0 44	22 43	0 38	21 52	0 58	18 47	0 15	10 30	1 35	20 18	8 42	0 27	0 23	26 30	8 52	6 16				
T 21	0n 6	10 15	1 53	6 38	0 34	12 12	3 54	22 1	0 43	22 43	0 38	21 51	0 58	18 48	0 15	10 30	1 35	20 18	8 42	0 27	0 24	26 28	8 51	6 16				
F 22	0 29	4 25	0 46	7 28	0 47	12 6	3 45	22 5	0 42	22 43	0 38	21 51	0 58	18 49	0 15	10 31	1 35	20 19	8 42	0 27	0 25	26 27	8 49	6 16				
S 23	0 53	1s43	0s25	8 16	1 0	12 0	3 37	22 8	0 41	22 43	0 38	21 51	0 58	18 49	0 15	10 32	1 35	20 19	8 41	0 27	0 26	26 26	8 48	6 16				
S 24	1 17	7 53	1 35	9 3	1 13	11 54	3 29	22 11	0 40	22 43	0 38	21 50	0 58	18 50	0 15	10 33	1 35	20 19	8 41	0 27	0 28	26 24	8 46	6 17				
M 25	1 41	13 50	2 42	9 47	1 26	11 47	3 21	22 14	0 39	22 43	0 38	21 50	0 58	18 50	0 15	10 33	1 35	20 20	8 41	0 27	0 29	26 23	8 45	6 17				
T 26	2 4	19 14	3 41	10 29	1 39	11 39	3 13	22 17	0 38	22 43	0 38	21 50	0 58	18 51	0 15	10 34	1 35	20 20	8 41	0 27	0 30	26 21	8 43	6 17				
W 27	2 28	23 43	4 28	11 9	1 52	11 31	3 5	22 20	0 37	22 43	0 38	21 50	0 58	18 51	0 15	10 35	1 35	20 20	8 41	0 28	0 32	26 20	8 42	6 18				
T 28	2 51	26 55	5 1	11 45	2 4	11 23	2 57	22 23	0 36	22 43	0 38	21 49	0 58	18 52	0 15	10 35	1 35	20 21	8 41	0 28	0 33	26 19	8 40	6 18				
F 29	3 15	28 30	5 16	12 19	2 16	11 14	2 49	22 25	0 35	22 43	0 38	21 49	0 58	18 53	0 15	10 36	1 35	20 21	8 41	0 28	0 34	26 17	8 39	6 18				
S 30	3 38	28 15	5 12	12 49	2 27	11 5	2 42	22 28	0 33	22 43	0 38	21 49	0 58	18 53	0 15	10 37	1 35	20 21	8 41	0 28	0 35	26 16	8 37	6 18				
S 31	4n 2	26s 9	4s49	13n16	2n37	10s55	2n34	22s31	0n32	22s43	0n38	21s49	0n58	18n54	0s15	10n38	1s35	20n21	8n41	0s28	0s37	26n14	8s36	6n19				

## ASTRODIENST EPHEMERIS for the year 2695

APRIL 2695

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	12 37 30	11°11'56	7°16'16	28°56'56	25°18'18	21°21'21	29°51'51	12°27'27	25°53'53	2°0'0	27°42'42	28°49'49	28°25'25	22°1'1	20°35'35	M 1
T 2	12 41 27	12°11'33	21°32'32	29°28'28	26°12'12	21°42'42	29°54'54	12°29'29	25°56'56	2°3'3	27°41'41	28°50'50	28°21'21	22°8'8	20°39'39	T 2
W 3	12 45 23	13°11'07	5°45'45	29°52'52	27°6'6	22°2'2	29°56'56	12°31'31	25°58'58	2°5'5	27°40'40	28°51'51	28°18'18	22°15'15	20°42'42	W 3
T 4	12 49 20	14°10'42	19°51'51	0°8'8	28°1'1	22°22'22	29°59'59	12°33'33	26°1'1	2°7'7	27°39'39	28°52'52	28°15'15	22°22'22	20°46'46	T 4
F 5	12 53 16	15°10'14	3°48'48	0°16'16	28°57'57	22°42'42	0°3'3	12°35'35	26°4'4	2°9'9	27°38'38	28°52'52	28°12'12	22°28'28	20°49'49	F 5
S 6	12 57 13	16°9'43	17°31'31	0°R17	29°53'53	23°1'1	0°3'3	12°36'36	26°7'7	2°11'11	27°37'37	28°52'52	28°9'9	22°35'35	20°53'53	S 6
S 7	13 1 9	17°9'11	0°8'58	0°10'10	0°49'49	23°20'20	0°5'5	12°38'38	26°10'10	2°13'13	27°36'36	28°50'50	28°5'5	22°42'42	20°56'56	S 7
M 8	13 5 6	18°8'37	14°7'7	29°56'56	1°46'46	23°38'38	0°6'6	12°39'39	26°13'13	2°16'16	27°35'35	28°47'47	28°2'2	22°48'48	20°59'59	M 8
T 9	13 9 3	19°8'00	26°58'58	29°35'35	2°43'43	23°56'56	0°8'8	12°41'41	26°15'15	2°18'18	27°35'35	28°44'44	27°59'59	22°55'55	21°2'2	T 9
W10	13 12 59	20°7'22	9°11'31	29°8'8	3°41'41	24°13'13	0°9'9	12°42'42	26°18'18	2°20'20	27°34'34	28°41'41	27°56'56	23°2'2	21°6'6	W10
T 11	13 16 56	21°6'41	21°48'48	28°35'35	4°40'40	24°30'30	0°10'10	12°43'43	26°21'21	2°22'22	27°33'33	28°38'38	27°53'53	23°9'9	21°9'9	T 11
F 12	13 20 52	22°5'58	3°53'53	27°57'57	5°38'38	24°47'47	0°11'11	12°44'44	26°24'24	2°25'25	27°32'32	28°36'36	27°50'50	23°15'15	21°12'12	F 12
S 13	13 24 49	23°5'13	15°49'49	27°15'15	6°37'37	25°3'3	0°12'12	12°45'45	26°27'27	2°27'27	27°32'32	28°34'34	27°46'46	23°22'22	21°15'15	S 13
S 14	13 28 45	24°4'26	27°42'42	26°31'31	7°37'37	25°19'19	0°12'12	12°46'46	26°30'30	2°29'29	27°31'31	28°D34	27°43'43	23°29'29	21°18'18	S 14
M15	13 32 42	25°3'36	9°12'34	25°44'44	8°37'37	25°34'34	0°12'12	12°46'46	26°33'33	2°31'31	27°30'30	28°35'35	27°40'40	23°35'35	21°21'21	M15
T 16	13 36 38	26°2'44	21°33'33	24°56'56	9°37'37	25°49'49	0°R13	12°47'47	26°37'37	2°34'34	27°30'30	28°37'37	27°37'37	23°42'42	21°24'24	T 16
W17	13 40 35	27°1'49	3°11'42	24°7'7	10°37'37	26°3'3	0°13'13	12°47'47	26°40'40	2°36'36	27°29'29	28°38'38	27°34'34	23°49'49	21°26'26	W17
T 18	13 44 32	28°0'53	16°5'5	23°19'19	11°38'38	26°17'17	0°12'12	12°48'48	26°43'43	2°38'38	27°28'28	28°40'40	27°31'31	23°55'55	21°29'29	T 18
F 19	13 48 28	28°59'54	28°45'45	22°33'33	12°39'39	26°30'30	0°12'12	12°48'48	26°46'46	2°40'40	27°28'28	28°R40	27°27'27	24°2'2	21°32'32	F 19
S 20	13 52 25	29°58'53	11°45'45	21°50'50	13°41'41	26°43'43	0°11'11	12°48'48	26°49'49	2°43'43	27°27'27	28°40'40	27°24'24	24°9'9	21°34'34	S 20
S 21	13 56 21	0°8'57	25°6'6	21°9'9	14°43'43	26°55'55	0°10'10	12°49'49	26°52'52	2°45'45	27°27'27	28°37'37	27°21'21	24°16'16	21°37'37	S 21
M22	14 0 18	1°56'45	8°11'46	20°32'32	15°45'45	27°7'7	0°9'9	12°R49	26°55'55	2°47'47	27°26'26	28°34'34	27°18'18	24°22'22	21°39'39	M22
T 23	14 4 14	2°55'38	22°43'43	19°59'59	16°47'47	27°18'18	0°8'8	12°48'48	26°59'59	2°49'49	27°26'26	28°29'29	27°15'15	24°29'29	21°42'42	T 23
W24	14 8 11	3°54'30	6°45'52	19°31'31	17°50'50	27°29'29	0°7'7	12°48'48	27°2'2	2°52'52	27°25'25	28°23'23	27°11'11	24°36'36	21°44'44	W24
T 25	14 12 7	4°53'19	21°9'9	19°8'8	18°53'53	27°39'39	0°5'5	12°48'48	27°5'5	2°54'54	27°25'25	28°18'18	27°8'8	24°42'42	21°46'46	T 25
F 26	14 16 4	5°52'07	5°30'30	18°49'49	19°56'56	27°48'48	0°4'4	12°48'48	27°8'8	2°56'56	27°25'25	28°14'14	27°5'5	24°49'49	21°49'49	F 26
S 27	14 20 1	6°50'53	19°49'49	18°36'36	21°0'0	27°57'57	0°2'2	12°47'47	27°12'12	2°59'59	27°24'24	28°11'11	27°2'2	24°56'56	21°51'51	S 27
S 28	14 23 57	7°49'38	4°3'3	18°29'29	22°3'3	28°5'5	29°59'59	12°47'47	27°15'15	3°1'1	27°24'24	28°D 9	26°59'59	25°3'3	21°53'53	S 28
M29	14 27 54	8°48'21	18°10'10	18°D26	23°7'7	28°13'13	29°57'57	12°46'46	27°18'18	3°3'3	27°24'24	28°10'10	26°56'56	25°9'9	21°55'55	M29
T 30	14 31 50	9°47'02	2°49'9	18°Y29	24°12'12	28°19'19	29°55'55	12°45'45	27°22'22	3°5'5	27°23'23	28°11'11	26°52'52	25°16'16	21°57'57	T 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	4n25	22s23	4 s 8	13n39	2n47	10s44	2n26	22s33	0n31	22s43	0n38	21s49	0n58	18n55	0s15	10n38	1s35	20n22	8n41	0s28	0s38	26n13	8s35	6n19							
T 2	4 48	17 18	3 12	13 58	2 55	10 34	2 19	22 36	0 30	22 43	0 38	21 48	0 58	18 55	0 15	10 39	1 35	20 22	8 41	0 28	0 39	26 11	8 33	6 19							
W 3	5 11	11 18	2 4	14 14	3 3	10 22	2 11	22 38	0 28	22 43	0 38	21 48	0 58	18 56	0 15	10 40	1 35	20 22	8 41	0 27	0 40	26 10	8 32	6 20							
T 4	5 34	4 46	0 50	14 26	3 9	10 11	2 4	22 41	0 27	22 43	0 38	21 48	0 58	18 57	0 15	10 41	1 35	20 22	8 40	0 27	0 42	26 8	8 30	6 20							
F 5	5 57	1n55	0n27	14 33	3 14	9 58	1 57	22 43	0 26	22 43	0 38	21 48	0 58	18 57	0 15	10 41	1 35	20 23	8 40	0 27	0 43	26 7	8 29	6 20							
S 6	6 20	8 25	1 41	14 37	3 17	9 46	1 50	22 46	0 24	22 43	0 38	21 48	0 58	18 58	0 15	10 42	1 35	20 23	8 40	0 27	0 44	26 5	8 28	6 21							
S 7	6 43	14 23	2 48	14 36	3 19	9 33	1 43	22 48	0 23	22 43	0 38	21 47	0 58	18 59	0 15	10 43	1 35	20 23	8 40	0 28	0 45	26 4	8 26	6 21							
M 8	7 5	19 35	3 44	14 31	3 20	9 19	1 36	22 50	0 22	22 43	0 38	21 47	0 58	18 59	0 15	10 44	1 35	20 23	8 40	0 29	0 47	26 2	8 25	6 21							
T 9	7 28	23 45	4 28	14 23	3 18	9 5	1 29	22 53	0 20	22 43	0 38	21 47	0 58	19 0	0 15	10 44	1 35	20 23	8 40	0 30	0 48	26 1	8 24	6 22							
W10	7 50	26 41	4 57	14 10	3 15	8 51	1 22	22 55	0 19	22 43	0 38	21 47	0 58	19 1	0 15	10 45	1 35	20 24	8 40	0 31	0 49	25 59	8 22	6 22							
T 11	8 12	28 17	5 12	13 54	3 11	8 36	1 15	22 57	0 17	22 43	0 38	21 47	0 58	19 1	0 15	10 46	1 35	20 24	8 40	0 33	0 50	25 58	8 21	6 22							
F 12	8 35	28 30	5 13	13 34	3 4	8 21	1 9	22 59	0 16	22 43	0 38	21 47	0 58	19 2	0 15	10 47	1 35	20 24	8 39	0 33	0 52	25 56	8 20	6 23							
S 13	8 57	27 23	5 0	13 12	2 56	8 5	1 2	23 2	0 14	22 43	0 38	21 47	0 58	19 3	0 15	10 48	1 35	20 24	8 39	0 34	0 53	25 55	8 19	6 23							
S 14	9 18	25 2	4 35	12 47	2 46	7 49	0 56	23 4	0 12	22 43	0 38	21 47	0 58	19 4	0 15	10 48	1 35	20 24	8 39	0 34	0 54	25 53	8 17	6 23							
M15	9 40	21 36	3 57	12 19	2 35	7 33	0 49	23 6	0 11	22 43	0 38	21 46	0 58	19 4	0 15	10 49	1 35	20 24	8 39	0 34	0 55	25 52	8 16	6 24							
T 16	10 1	17 16	3 10	11 50	2 23	7 16	0 43	23 8	0 9	22 43	0 38	21 46	0 58	19 5	0 15	10 50	1 35	20 24	8 39	0 33	0 57	25 50	8 15	6 24							
W17	10 23	12 11	2 13	11 19	2 9	6 59	0 37	23 10	0 7	22 43	0 38	21 46	0 58	19 6	0 15	10 51	1 35	20 24	8 39	0 32	0 58	25 48	8 14	6 24							
T 18	10 44	6 32	1 8	10 48	1 55	6 42	0 31	23 13	0 5	22 43	0 38	21 46	0 58	19 6	0 15	10 51	1 35	20 24	8 39	0 32	0 59	25 47	8 12	6 25							
F 19	11 5	0 29	0s 0	10 17	1 39	6 24	0 25	23 15	0 3	22 43	0 38	21 46	0 58	19 7	0 15	10 52	1 35	20 25	8 39	0 32	1 0	25 45	8 11	6 25							
S 20	11 25	5s43	1 11	9 46	1 23	6 6	0 19	23 17	0 2	22 43	0 38	21 46	0 58	19 8	0 15	10 53	1 35	20 25	8 38	0 32	1 2	25 44	8 10	6 25							
S 21	11 46	11 51	2 19	9 15	1 7	5 47	0 14	23 19	0s 0	22 43	0 38	21 46	0 58	19 9	0 15	10 54	1 35	20 25	8 38	0 33	1 3	25 42	8 9	6 26							
M22	12 6	17 33	3 21	8 46	0 50	5 29	0 8	23 21	0 2	22 43	0 38	21 46	0 58	19 9	0 15	10 54	1 35	20 25	8 38	0 34	1 4	25 41	8 8	6 26							
T 23	12 27	22 27	4 12	8 18	0 34	5 10	0 3	23 24	0 4	22 43	0 38	21 46	0 58	19 10	0 15	10 55	1 35	20 25	8 38	0 36	1 6	25 39	8 7	6 27							
W24	12 46	26 7	4 49	7 52	0 17	4 50	0s 3	23 26	0 6	22 43	0 38	21 46	0 59	19 11	0 15	10 56	1 35	20 25	8 38	0 38	1 7	25 37	8 6	6 27							
T 25	13 6	28 11	5 8	7 28	0 1	4 30	0 8	23 28	0 8	22 43	0 38	21 46	0 59	19 12	0 15	10 57	1 35	20 25	8 38	0 40	1 8	25 36	8 4	6 27							
F 26	13 26	28 22	5 8	7 7	0s15	4 10	0 13	23 31	0 11	22 43	0 38	21 46	0 59	19 12	0 15	10 58	1 35	20 25	8 37	0 42	1 9	25 34	8 3	6 28							
S 27	13 45	26 39	4 49	6 48	0 31	3 50	0 18	23 33	0 13	22 43	0 38	21 46	0 59	19 13	0 15	10 58	1 35	20 25	8 37	0 43	1 11	25 32	8 2	6 28							
S 28	14 4	23 15	4 12	6 31	0 45	3 30	0 23	23 35	0 15	22 43	0 38	21 46	0 59	19 14	0 15	10 59	1 35	20 25	8 37	0 44	1 12	25 31	8 1	6 29							
M29	14 23	18 30	3 20	6 17	1 0	3 9	0 28	23 38	0 17	22 43	0 38	21 46	0 59	19 15	0 15	11 0	1 35	20 25	8 37	0 44	1 13	25 29	8 0	6 29							
T 30	14n42	12s48	2s17	6n 5	1s13	2s48	0s33	23s40	0s19	22s43	0n38	21s46	0n59	19n16	0s15	11n 1	1s35	20n25	8n37	0s43	1s14	25n27	7s59	6n29							

## ASTRODIENST EPHEMERIS for the year 2695

MAY 2695

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	14 35 47	10♂45'42	15♂59	18♂36	25♂16	28♂26	29♂R52	12♂R44	27♂25	3♂8	27♂R23	28♂12	26♂49	25♂23	21♂59	W 1
T 2	14 39 43	11♂44'19	29♂39	18♂49	26♂21	28♂31	29♂R49	12♂343	27♂28	3♂10	27♂R23	28♂R13	26♂46	25♂29	22♂1	T 2
F 3	14 43 40	12♂42'56	13♂9	19♂6	27♂25	28♂36	29♂46	12♂42	27♂32	3♂12	27♂23	28♂12	26♂43	25♂36	22♂2	F 3
S 4	14 47 36	13♂41'30	26♂27	19♂28	28♂30	28♂40	29♂43	12♂41	27♂35	3♂14	27♂23	28♂9	26♂40	25♂43	22♂4	S 4
S 5	14 51 33	14♂40'03	9♂34	19♂54	29♂36	28♂44	29♂40	12♂40	27♂39	3♂17	27♂22	28♂3	26♂37	25♂49	22♂6	S 5
M 6	14 55 30	15♂38'34	22♂27	20♂25	0♂41	28♂46	29♂36	12♂39	27♂42	3♂19	27♂22	27♂56	26♂33	25♂56	22♂7	M 6
T 7	14 59 26	16♂37'03	5♂II 7	21♂0	1♂47	28♂49	29♂33	12♂37	27♂45	3♂21	27♂22	27♂47	26♂30	26♂3	22♂9	T 7
W 8	15 3 23	17♂35'30	17♂33	21♂38	2♂52	28♂50	29♂29	12♂36	27♂49	3♂23	27♂22	27♂38	26♂27	26♂10	22♂10	W 8
T 9	15 7 19	18♂33'55	29♂47	22♂21	3♂58	28♂R50	29♂25	12♂34	27♂52	3♂25	27♂D22	27♂29	26♂24	26♂16	22♂12	T 9
F 10	15 11 16	19♂32'19	11♂50	23♂7	5♂4	28♂50	29♂21	12♂32	27♂56	3♂28	27♂22	27♂22	26♂21	26♂23	22♂13	F 10
S 11	15 15 12	20♂30'40	23♂45	23♂56	6♂10	28♂49	29♂16	12♂31	27♂59	3♂30	27♂22	27♂16	26♂17	26♂30	22♂14	S 11
S 12	15 19 9	21♂28'59	5♂R36	24♂49	7♂17	28♂48	29♂12	12♂29	28♂3	3♂32	27♂22	27♂12	26♂14	26♂36	22♂15	S 12
M13	15 23 5	22♂27'16	17♂27	25♂45	8♂23	28♂46	29♂7	12♂27	28♂6	3♂34	27♂22	27♂D11	26♂11	26♂43	22♂16	M13
T 14	15 27 2	23♂25'32	29♂24	26♂44	9♂30	28♂42	29♂2	12♂25	28♂10	3♂36	27♂22	27♂11	26♂8	26♂50	22♂17	T 14
W15	15 30 59	24♂23'45	11♂II 32	27♂45	10♂37	28♂39	28♂57	12♂22	28♂13	3♂39	27♂23	27♂12	26♂5	26♂57	22♂18	W15
T 16	15 34 55	25♂21'56	23♂55	28♂50	11♂44	28♂34	28♂52	12♂20	28♂16	3♂41	27♂23	27♂R12	26♂2	27♂3	22♂19	T 16
F 17	15 38 52	26♂20'05	6♂R39	29♂57	12♂51	28♂29	28♂47	12♂18	28♂20	3♂43	27♂23	27♂12	25♂58	27♂10	22♂20	F 17
S 18	15 42 48	27♂18'13	19♂47	1♂R 7	13♂58	28♂22	28♂41	12♂15	28♂23	3♂45	27♂23	27♂10	25♂55	27♂17	22♂21	S 18
S 19	15 46 45	28♂16'18	3♂II 20	2♂20	15♂5	28♂16	28♂36	12♂13	28♂27	3♂47	27♂23	27♂5	25♂52	27♂23	22♂21	S 19
M20	15 50 41	29♂14'22	17♂17	3♂35	16♂13	28♂8	28♂30	12♂10	28♂30	3♂49	27♂24	26♂58	25♂49	27♂30	22♂22	M20
T 21	15 54 38	0♂II 12'24	1♂R37	4♂52	17♂20	28♂0	28♂24	12♂8	28♂34	3♂51	27♂24	26♂50	25♂46	27♂37	22♂22	T 21
W22	15 58 34	1♂10'25	16♂13	6♂12	18♂28	27♂50	28♂18	12♂5	28♂37	3♂53	27♂24	26♂40	25♂43	27♂43	22♂23	W22
T 23	16 2 31	2♂8'25	0♂R58	7♂34	19♂36	27♂41	28♂12	12♂2	28♂41	3♂55	27♂25	26♂30	25♂39	27♂50	22♂23	T 23
F 24	16 6 28	3♂6'22	15♂44	8♂58	20♂44	27♂30	28♂6	11♂59	28♂44	3♂57	27♂25	26♂22	25♂36	27♂57	22♂24	F 24
S 25	16 10 24	4♂4'19	0♂R22	10♂25	21♂52	27♂19	28♂0	11♂56	28♂48	3♂59	27♂26	26♂16	25♂33	28♂4	22♂24	S 25
S 26	16 14 21	5♂2'14	14♂49	11♂54	23♂0	27♂7	27♂53	11♂53	28♂51	4♂2	27♂26	26♂12	25♂30	28♂10	22♂24	S 26
M27	16 18 17	6♂0'08	29♂0	13♂25	24♂8	26♂54	27♂47	11♂50	28♂55	4♂4	27♂26	26♂11	25♂27	28♂17	22♂24	M27
T 28	16 22 14	6♂58'01	12♂R55	14♂58	25♂16	26♂41	27♂40	11♂47	28♂58	4♂6	27♂27	26♂D10	25♂23	28♂24	22♂R24	T 28
W29	16 26 10	7♂55'53	26♂33	16♂34	26♂25	26♂27	27♂34	11♂44	29♂1	4♂7	27♂27	26♂R11	25♂20	28♂30	22♂24	W29
T 30	16 30 7	8♂53'43	9♂R56	18♂12	27♂33	26♂12	27♂27	11♂41	29♂5	4♂9	27♂28	26♂10	25♂17	28♂37	22♂24	T 30
F 31	16 34 4	9♂II 51'33	23♂R 5	19♂R51	28♂R42	25♂R56	27♂R20	11♂R37	29♂R 8	4♂R11	27♂R29	26♂R 7	25♂R14	28♂R44	22♂R24	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	15n 0	6s31	1s 6	5n56	1s26	2s27	0s37	23s42	0s22	22s43	0n38	21s46	0n59	19n16	0s15	11n 1
T 2	15 18	0 1	0n 8	5 50	1 38	2 5	0 42	23 45	0 24	22 43	0 38	21 46	0 59	19 17	0 15	11 2
F 3	15 36	6n24	1 20	5 46	1 49	1 44	0 46	23 47	0 27	22 43	0 38	21 46	0 59	19 18	0 15	11 3
S 4	15 53	12 27	2 26	5 44	2 0	1 22	0 50	23 50	0 29	22 43	0 38	21 47	0 59	19 19	0 15	11 4
S 5	16 11	17 51	3 24	5 45	2 10	1 0	0 54	23 52	0 32	22 43	0 38	21 47	0 59	19 19	0 15	11 4
M 6	16 28	22 21	4 10	5 48	2 19	0 37	0 58	23 55	0 34	22 43	0 38	21 47	0 59	19 20	0 15	11 5
T 7	16 45	25 43	4 43	5 54	2 27	0 15	1 2	23 58	0 37	22 43	0 38	21 47	0 59	19 21	0 15	11 6
W 8	17 1	27 47	5 2	6 1	2 34	0n 8	1 6	24 0	0 40	22 43	0 38	21 47	0 59	19 22	0 15	11 7
T 9	17 17	28 27	5 6	6 11	2 41	0 30	1 10	24 3	0 42	22 43	0 38	21 47	0 59	19 22	0 15	11 7
F 10	17 33	27 45	4 57	6 22	2 47	0 53	1 13	24 6	0 45	22 43	0 38	21 47	0 59	19 23	0 15	11 8
S 11	17 49	25 47	4 35	6 35	2 52	1 16	1 17	24 9	0 48	22 43	0 38	21 47	0 59	19 24	0 15	11 9
S 12	18 4	22 41	4 1	6 51	2 56	1 39	1 20	24 12	0 51	22 43	0 38	21 48	0 59	19 25	0 15	11 9
M13	18 19	18 40	3 16	7 7	3 0	2 2	1 23	24 15	0 54	22 43	0 38	21 48	0 59	19 26	0 15	11 10
T 14	18 34	13 53	2 23	7 26	3 3	2 26	1 26	24 17	0 57	22 43	0 38	21 48	0 59	19 26	0 15	11 11
W15	18 48	8 30	1 23	7 45	3 5	2 49	1 29	24 20	1 0	22 43	0 38	21 48	0 59	19 27	0 15	11 12
T 16	19 2	2 40	0 18	8 7	3 6	3 12	1 32	24 23	1 3	22 43	0 38	21 48	0 59	19 28	0 15	11 12
F 17	19 16	3s24	0s50	8 29	3 7	3 36	1 35	24 26	1 6	22 43	0 38	21 49	0 59	19 29	0 15	11 13
S 18	19 29	9 31	1 58	8 53	3 8	3 59	1 37	24 30	1 9	22 43	0 38	21 49	0 59	19 29	0 15	11 14
S 19	19 42	15 24	3 0	9 18	3 7	4 23	1 40	24 33	1 12	22 43	0 38	21 49	0 59	19 30	0 15	11 14
M20	19 55	20 40	3 54	9 44	3 6	4 47	1 42	24 36	1 15	22 43	0 38	21 49	0 59	19 31	0 15	11 15
T 21	20 7	24 53	4 34	10 12	3 5	5 10	1 45	24 39	1 19	22 43	0 38	21 50	0 59	19 32	0 15	11 16
W22	20 19	27 35	4 58	10 40	3 2	5 34	1 47	24 42	1 22	22 43	0 38	21 50	0 59	19 33	0 15	11 16
T 23	20 31	28 23	5 2	11 9	3 0	5 57	1 49	24 45	1 25	22 43	0 38	21 50	0 59	19 33	0 15	11 17
F 24	20 42	27 10	4 46	11 39	2 56	6 21	1 51	24 48	1 29	22 43	0 38	21 50	0 59	19 34	0 15	11 18
S 25	20 53	24 5	4 11	12 10	2 52	6 45	1 53	24 51	1 32	22 43	0 37	21 51	0 59	19 35	0 15	11 18
S 26	21 4	19 32	3 21	12 41	2 48	7 8	1 54	24 54	1 35	22 43	0 37	21 51	0 59	19 36	0 15	11 19
M27	21 14	13 57	2 19	13 13	2 43	7 32	1 56	24 58	1 39	22 43	0 37	21 51	0 59	19 36	0 15	11 20
T 28	21 24	7 46	1 10	13 46	2 37	7 55	1 57	25 1	1 42	22 43	0 37	21 51	0 59	19 37	0 15	11 20
W29	21 33	1 20	0n 2	14 19	2 31	8 18	1 59	25 4	1 46	22 43	0 37	21 52	0 59	19 38	0 15	11 21
T 30	21 42	5n 2	1 12	14 52	2 24	8 42	2 0	25 7	1 49	22 43	0 37	21 52	0 59	19 39	0 15	11 22
F 31	21n51	11n 4	2n17	15n26	2s17	9n 5	2s 1	25s10	1s52	22s42	0n37	21s52	0n59	19n39	0s14	11n22

Julian Day Number = 2705508.5, Delta T = 26m53s

Ecliptic obliquity = 23°21'06, Nutation = - 0°00'00

Ayanamsha: Fagan/Bradley = 34°28'04, Lahiri = 33°35'04

## ASTRODIENST EPHEMERIS for the year 2695

JUNE 2695

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 38 0	10II49'21	68 2	21833	29Y51	25°R41	27°R13	11°R34	29812	4813	27829	26°R 2	25811	28850	22°R24	S 1
S 2	16 41 57	11°47'08	18°48	23°17	0859	25♂24	27♂ 6	11♂30	29°15	4°15	27°30	25♂54	25° 8	28°57	22♂23	S 2
M 3	16 45 53	12°44'54	1II23	25° 4	2° 8	25° 7	26°59	11°27	29°19	4°17	27°30	25°43	25° 4	29° 4	22°23	M 3
T 4	16 49 50	13°42'39	13°48	26°52	3°17	24°49	26°52	11°23	29°22	4°19	27°31	25°31	25° 1	29°11	22°23	T 4
W 5	16 53 46	14°40'23	26° 3	28°43	4°26	24°31	26°44	11°20	29°25	4°21	27°32	25°17	24°58	29°17	22°22	W 5
T 6	16 57 43	15°38'05	88 9	0II36	5°35	24°13	26°37	11°16	29°29	4°23	27°33	25° 4	24°55	29°24	22°21	T 6
F 7	17 1 39	16°35'46	20° 7	2°31	6°44	23°54	26°30	11°12	29°32	4°24	27°33	24°53	24°52	29°31	22°21	F 7
S 8	17 5 36	17°33'25	1859	4°28	7°54	23°35	26°22	11° 8	29°35	4°26	27°34	24°43	24°49	29°37	22°20	S 8
S 9	17 9 33	18°31'03	13°49	6°27	9° 3	23°15	26°15	11° 4	29°39	4°28	27°35	24°37	24°45	29°44	22°19	S 9
M10	17 13 29	19°28'40	25°39	8°28	10°12	22°55	26° 7	11° 0	29°42	4°30	27°36	24°33	24°42	29°51	22°18	M10
T 11	17 17 26	20°26'15	7III34	10°30	11°22	22°35	26° 0	10°56	29°45	4°31	27°37	24°31	24°39	29°57	22°17	T 11
W12	17 21 22	21°23'49	19°39	12°35	12°31	22°15	25°52	10°52	29°49	4°33	27°38	24°31	24°36	08 4	22°16	W12
T 13	17 25 19	22°21'22	24 0	14°41	13°41	21°55	25°44	10°48	29°52	4°35	27°39	24°30	24°33	0°11	22°15	T 13
F 14	17 29 15	23°18'53	14°42	16°49	14°51	21°34	25°37	10°44	29°55	4°36	27°39	24°30	24°29	0°18	22°14	F 14
S 15	17 33 12	24°16'23	27°49	18°58	16° 0	21°14	25°29	10°40	29°58	4°38	27°40	24°27	24°26	0°24	22°13	S 15
S 16	17 37 8	25°13'52	11III25	21° 8	17°10	20°53	25°21	10°36	0II 2	4°40	27°41	24°22	24°23	0°31	22°12	S 16
M17	17 41 5	26°11'20	25°30	23°20	18°20	20°33	25°14	10°32	0° 5	4°41	27°42	24°14	24°20	0°38	22°10	M17
T 18	17 45 2	27° 8'47	108 1	25°31	19°30	20°12	25° 6	10°28	0° 8	4°43	27°43	24° 4	24°17	0°44	22° 9	T 18
W19	17 48 58	28° 6'12	24°53	27°43	20°40	19°52	24°58	10°23	0°11	4°44	27°45	23°54	24°14	0°51	22° 8	W19
T 20	17 52 55	29° 3'37	9858	29°56	21°50	19°32	24°51	10°19	0°14	4°46	27°46	23°43	24°10	0°58	22° 6	T 20
F 21	17 56 51	08 1'02	25° 5	28 8	23° 0	19°12	24°43	10°15	0°17	4°47	27°47	23°33	24° 7	1° 4	22° 5	F 21
S 22	18 0 48	0°58'25	108 5	4°19	24°10	18°52	24°36	10°10	0°21	4°49	27°48	23°26	24° 4	1°11	22° 3	S 22
S 23	18 4 44	1°55'48	24°49	6°30	25°20	18°33	24°28	10° 6	0°24	4°50	27°49	23°22	24° 1	1°18	22° 1	S 23
M24	18 8 41	2°53'10	9813	8°40	26°31	18°14	24°21	10° 2	0°27	4°52	27°50	23°19	23°58	1°25	22° 0	M24
T 25	18 12 38	3°50'32	23°13	10°49	27°41	17°55	24°13	9°57	0°30	4°53	27°51	23°D19	23°55	1°31	21°58	T 25
W26	18 16 34	4°47'53	6Y51	12°56	28°51	17°37	24° 6	9°53	0°33	4°54	27°53	23°R19	23°51	1°38	21°56	W26
T 27	18 20 31	5°45'14	20° 8	15° 2	0II 2	17°19	23°58	9°49	0°36	4°56	27°54	23°18	23°48	1°45	21°54	T 27
F 28	18 24 27	6°42'35	38 7	17° 6	1°12	17° 2	23°51	9°44	0°39	4°57	27°55	23°16	23°45	1°51	21°52	F 28
S 29	18 28 24	7°39'55	15°50	19° 8	2°23	16°45	23°44	9°40	0°42	4°58	27°56	23°11	23°42	1°58	21°50	S 29
S 30	18 32 20	8837'15	28821	218 9	3III34	16829	23836	9835	0III45	4859	27858	238 3	23839	28 5	21848	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	21n59	16n32	3n14	16n 0	2s10	9n28	2s 2	25s13	1s56	22s42	0n37	21s53	0n59	19n40	0s14	11n23	1s36	20n17	8n32	1s34	1s55	24n31	7s38	6n43			
S 2	22 7	21 12	4 0	16 34	2 2	9 51	2 3	25 16	1 59	22 42	0 37	21 53	0 59	19 41	0 14	11 23	1 36	20 17	8 31	1 37	1 56	24 29	7 37	6 44			
M 3	22 15	24 50	4 34	17 8	1 53	10 14	2 4	25 18	2 3	22 42	0 37	21 53	0 58	19 42	0 14	11 24	1 36	20 17	8 31	1 42	1 57	24 27	7 37	6 44			
T 4	22 22	27 14	4 54	17 41	1 44	10 36	2 5	25 21	2 6	22 42	0 37	21 54	0 58	19 42	0 14	11 25	1 36	20 16	8 31	1 47	1 58	24 25	7 37	6 44			
W 5	22 28	28 17	5 0	18 15	1 35	10 59	2 6	25 24	2 10	22 42	0 37	21 54	0 58	19 43	0 14	11 25	1 36	20 16	8 31	1 52	2 0	24 23	7 37	6 45			
T 6	22 35	27 58	4 52	18 48	1 26	11 21	2 6	25 27	2 13	22 42	0 37	21 54	0 58	19 44	0 14	11 26	1 36	20 16	8 31	1 57	2 1	24 21	7 37	6 45			
F 7	22 41	26 20	4 32	19 21	1 16	11 43	2 7	25 29	2 16	22 42	0 36	21 55	0 58	19 44	0 14	11 26	1 36	20 15	8 31	2 2	2 2	24 19	7 36	6 46			
S 8	22 46	23 32	4 0	19 53	1 6	12 5	2 7	25 31	2 20	22 42	0 36	21 55	0 58	19 45	0 14	11 27	1 36	20 15	8 30	2 5	2 3	24 17	7 36	6 46			
S 9	22 51	19 46	3 17	20 24	0 55	12 27	2 7	25 34	2 23	22 42	0 36	21 55	0 58	19 46	0 14	11 27	1 36	20 14	8 30	2 8	2 5	24 15	7 36	6 47			
M10	22 56	15 13	2 26	20 54	0 45	12 48	2 7	25 36	2 27	22 42	0 36	21 56	0 58	19 47	0 14	11 28	1 36	20 14	8 30	2 10	2 6	24 13	7 36	6 47			
T 11	23 0	10 4	1 28	21 23	0 34	13 10	2 8	25 38	2 30	22 41	0 36	21 56	0 58	19 47	0 14	11 28	1 36	20 13	8 30	2 10	2 7	24 11	7 36	6 47			
W12	23 4	4 29	0 26	21 50	0 23	13 31	2 8	25 40	2 33	22 41	0 36	21 56	0 58	19 48	0 14	11 29	1 36	20 13	8 30	2 10	2 8	24 9	7 36	6 48			
T 13	23 8	1s24	0s40	22 16	0 13	13 52	2 7	25 42	2 36	22 41	0 36	21 57	0 58	19 49	0 14	11 30	1 36	20 12	8 30	2 10	2 10	24 8	7 36	6 48			
F 14	23 11	7 23	1 45	22 40	0 2	14 12	2 7	25 44	2 39	22 41	0 36	21 57	0 58	19 49	0 14	11 30	1 36	20 12	8 30	2 11	2 11	24 6	7 36	6 49			
S 15	23 14	13 15	2 46	23 2	0n 9	14 33	2 7	25 46	2 42	22 41	0 36	21 58	0 58	19 50	0 14	11 31	1 36	20 12	8 29	2 12	2 12	24 4	7 36	6 49			
S 16	23 16	18 42	3 41	23 23	0 19	14 53	2 6	25 47	2 45	22 41	0 35	21 58	0 58	19 51	0 14	11 31	1 36	20 11	8 29	2 14	2 13	24 2	7 36	6 49			
M17	23 18	23 20	4 24	23 40	0 29	15 12	2 6	25 49	2 48	22 41	0 35	21 58	0 58	19 51	0 14	11 32	1 36	20 11	8 29	2 17	2 15	24 0	7 36	6 50			
T 18	23 19	26 40	4 51	23 56	0 39	15 32	2 5	25 50	2 51	22 40	0 35	21 59	0 58	19 52	0 14	11 32	1 36	20 10	8 29	2 21	2 16	23 58	7 36	6 50			
W19	23 20	28 15	5 0	24 9	0 49	15 51	2 5	25 51	2 54	22 40	0 35	21 59	0 58	19 53	0 14	11 32	1 36	20 10	8 29	2 25	2 17	23 56	7 36	6 50			
T 20	23 21	27 46	4 49	24 19	0 58	16 10	2 4	25 53	2 57	22 40	0 35	22 0	0 58	19 53	0 14	11 33	1 36	20 9	8 29	2 29	2 18	23 54	7 36	6 51			
F 21	23 21	25 15	4 17	24 27	1 7	16 28	2 3	25 54	2 59	22 40	0 35	22 0	0 58	19 54	0 14	11 33	1 36	20 9	8 29	2 33	2 20	23 52	7 36	6 51			
S 22	23 21	20 59	3 27	24 31	1 15	16 46	2 2	25 55	3 2	22 40	0 35	22 0	0 58	19 55	0 14	11 34	1 36	20 8	8 28	2 36	2 21	23 50	7 36	6 52			
S 23	23 20	15 28	2 25	24 33	1 22	17 4	2 1	25 55	3 4	22 40	0 35	22 1	0 58	19 55	0 14	11 34	1 36	20 8	8 28	2 38	2 22	23 48	7 37	6 52			
M24	23 19	9 14	1 14	24 33	1 29	17 21	2 0	25 56	3 7	22 39	0 34	22 1	0 58	19 56	0 14	11 35	1 37	20 7	8 28	2 38	2 23	23 46	7 37	6 52			
T 25	23 18	2 41	0 1	24 29	1 35	17 38	1 59	25 57	3 9	22 39	0 34	22 1	0 57	19 57	0 14	11 35	1 37	20 6	8 28	2 39	2 25	23 44	7 37	6 53			
W26	23 16	3n48	1n11	24 23	1 40	17 55	1 58	25 57	3 12	22 39	0 34	22 2	0 57	19 57	0 14	11 35	1 37	20 6	8 28	2 39	2 26	23 41	7 37	6 53			
T 27	23 14	9 57	2 17	24 14	1 45	18 11	1 57	25 58	3 14	22 39	0 34	22 2	0 57	19 58	0 14	11 36	1 37	20 5	8 28	2 39	2 27	23 39	7 38	6 53			
F 28	23 11	15 33	3 14	24 3	1 49	18 27	1 55	25 58	3 16	22 39	0 34	22 3	0 57	19 59	0 14	11 36	1 37	20 5	8 28	2 40	2 28	23 37	7 38	6 54			
S 29	23 8	20 21	4 0	23 50	1 52	18 42	1 54	25 58	3 18	22 38	0 34	22 3	0 57	19 59	0 14	11 37	1 37	20 4	8 28	2 42	2 30	23 35	7 38	6 54			
S 30	23n 4	24n10	4n34	23n34	1n54	18n57	1s52	25s59	3s20	22s38	0n34	22s 3	0n57	20n 0	0s14	11n37	1s37	20n 4	8n27	2s45	2s31	23n33	7s39	6n54			

Julian Day Number = 2705539.5, Delta T = 26m54s

Ecliptic obliquity = 23°21'05, Nutation = 0°00'01

Ayanamsha: Fagan/Bradley = 34°28'08, Lahiri = 33°35'08

## ASTRODIENST EPHEMERIS for the year 2695

JULY 2695

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	18 36 17	9°34'35	10°11'42	23°07	4°11'44	16°R13	23°R29	9°R31	0°11'48	5°R1	27°05'59	22°R53	23°R35	26°11	21°R46	M 1
T 2	18 40 13	10°31'54	22°53	25° 3	5°55	15°R58	23°R22	9°R26	0°50	5° 2	28° 0	22°R41	23°32	2°18	21°R44	T 2
W 3	18 44 10	11°29'13	4°05'57	26°57	7° 6	15°44	23°15	9°22	0°53	5° 3	28° 2	22°28	23°29	2°25	21°41	W 3
T 4	18 48 7	12°26'32	16°55	28°49	8°17	15°30	23° 8	9°18	0°56	5° 4	28° 3	22°16	23°26	2°31	21°39	T 4
F 5	18 52 3	13°23'50	28°48	0°03'39	9°27	15°17	23° 2	9°13	0°59	5° 5	28° 4	22° 5	23°23	2°38	21°37	F 5
S 6	18 56 0	14°21'08	10°03'38	2°26	10°38	15° 5	22°55	9° 9	1° 2	5° 6	28° 6	21°56	23°20	2°45	21°34	S 6
S 7	18 59 56	15°18'25	22°26	4°11	11°49	14°54	22°48	9° 4	1° 4	5° 7	28° 7	21°49	23°16	2°52	21°32	S 7
M 8	19 3 53	16°15'41	4°11'17	5°54	13° 0	14°43	22°42	9° 0	1° 7	5° 8	28° 9	21°46	23°13	2°58	21°29	M 8
T 9	19 7 49	17°12'57	16°12	7°35	14°11	14°33	22°35	8°56	1°10	5° 9	28°10	21°D44	23°10	3° 5	21°27	T 9
W10	19 11 46	18°10'13	28°18	9°13	15°22	14°24	22°29	8°51	1°12	5°10	28°12	21°44	23° 7	3°12	21°24	W10
T 11	19 15 42	19° 7'28	10°03'38	10°49	16°34	14°16	22°23	8°47	1°15	5°11	28°13	21°45	23° 4	3°18	21°22	T 11
F 12	19 19 39	20° 4'43	23°17	12°23	17°45	14° 9	22°17	8°43	1°17	5°12	28°15	21°R45	23° 1	3°25	21°19	F 12
S 13	19 23 36	21° 1'57	6°11'21	13°55	18°56	14° 2	22°11	8°38	1°20	5°13	28°16	21°44	22°57	3°32	21°16	S 13
S 14	19 27 32	21°59'11	19°52	15°24	20° 7	13°56	22° 5	8°34	1°22	5°14	28°18	21°41	22°54	3°38	21°13	S 14
M15	19 31 29	22°56'24	3°R52	16°51	21°19	13°52	21°59	8°30	1°25	5°15	28°19	21°35	22°51	3°45	21°11	M15
T 16	19 35 25	23°53'38	18°22	18°16	22°30	13°48	21°54	8°26	1°27	5°15	28°21	21°28	22°48	3°52	21° 8	T 16
W17	19 39 22	24°50'51	3°R51	19°38	23°41	13°44	21°48	8°22	1°30	5°16	28°22	21°20	22°45	3°58	21° 5	W17
T 18	19 43 18	25°48'04	18°26	20°57	24°53	13°42	21°43	8°17	1°32	5°17	28°24	21°12	22°41	4° 5	21° 2	T 18
F 19	19 47 15	26°45'17	3°R43	22°15	26° 4	13°41	21°38	8°13	1°34	5°18	28°26	21° 5	22°38	4°12	20°59	F 19
S 20	19 51 11	27°42'30	18°55	23°29	27°16	13°D40	21°33	8° 9	1°37	5°18	28°27	20°59	22°35	4°19	20°56	S 20
S 21	19 55 8	28°39'43	3°R54	24°42	28°27	13°40	21°28	8° 5	1°39	5°19	28°29	20°56	22°32	4°25	20°53	S 21
M22	19 59 5	29°36'56	18°31	25°51	29°39	13°41	21°24	8° 1	1°41	5°19	28°30	20°D55	22°29	4°32	20°50	M22
T 23	20 3 1	0°03'41'10	2°R43	26°58	0°05'51	13°43	21°19	7°57	1°43	5°20	28°32	20°55	22°26	4°39	20°47	T 23
W24	20 6 58	1°31'24	16°28	28° 2	2° 3	13°45	21°15	7°54	1°45	5°20	28°34	20°57	22°22	4°45	20°44	W24
T 25	20 10 54	2°28'39	29°49	29° 3	3°14	13°49	21°11	7°50	1°47	5°21	28°36	20°R57	22°19	4°52	20°41	T 25
F 26	20 14 51	3°25'54	12°R46	0°11	4°26	13°53	21° 6	7°46	1°49	5°21	28°37	20°57	22°16	4°59	20°38	F 26
S 27	20 18 47	4°23'10	25°25	0°56	5°38	13°58	21° 3	7°42	1°51	5°22	28°39	20°55	22°13	5° 5	20°35	S 27
S 28	20 22 44	5°20'26	7°R49	1°48	6°50	14° 4	20°59	7°39	1°53	5°22	28°41	20°51	22°10	5°12	20°31	S 28
M29	20 26 40	6°17'43	20° 0	2°36	8° 2	14°11	20°55	7°35	1°55	5°23	28°42	20°45	22° 7	5°19	20°28	M29
T 30	20 30 37	7°15'01	2°R3	3°22	9°14	14°18	20°52	7°31	1°57	5°23	28°44	20°37	22° 3	5°25	20°25	T 30
W31	20 34 34	8°02'12'19	13°R59	4°11	10°R26	14°R26	20°R49	7°R28	1°R59	5°R23	28°R46	20°R30	22°R0	5°R32	20°R22	W31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	23n 0	26n49	4n54	23n17	1n55	19n12	1s51	25s59	3s21	22s38	0n33	22s 4	0n57	20n 0	0s14	11n37
T 2	22 56	28 10	5 1	22 57	1 56	19 26	1 49	25 59	3 23	22 38	0 33	22 4	0 57	20 1	0 14	11 38
W 3	22 51	28 9	4 54	22 35	1 56	19 39	1 47	25 59	3 25	22 38	0 33	22 5	0 57	20 2	0 14	11 38
T 4	22 46	26 49	4 34	22 12	1 56	19 52	1 46	25 59	3 26	22 38	0 33	22 5	0 57	20 2	0 14	11 38
F 5	22 41	24 17	4 2	21 48	1 54	20 5	1 44	25 59	3 28	22 37	0 33	22 5	0 57	20 3	0 14	11 39
S 6	22 35	20 43	3 20	21 22	1 52	20 17	1 42	25 59	3 29	22 37	0 33	22 6	0 57	20 3	0 14	11 39
S 7	22 29	16 20	2 29	20 55	1 49	20 28	1 40	25 59	3 31	22 37	0 32	22 6	0 56	20 4	0 14	11 39
M 8	22 22	11 20	1 32	20 26	1 46	20 39	1 38	25 59	3 32	22 37	0 32	22 7	0 56	20 4	0 14	11 40
T 9	22 15	5 53	0 29	19 57	1 42	20 50	1 36	25 59	3 33	22 37	0 32	22 7	0 56	20 5	0 14	11 40
W10	22 7	0 8	0s35	19 27	1 37	21 0	1 34	25 59	3 34	22 36	0 32	22 7	0 56	20 5	0 14	11 40
T 11	22 0	5s43	1 39	18 56	1 32	21 9	1 32	25 59	3 35	22 36	0 32	22 8	0 56	20 6	0 14	11 40
F 12	21 51	11 30	2 40	18 24	1 26	21 18	1 29	25 59	3 36	22 36	0 32	22 8	0 56	20 6	0 14	11 41
S 13	21 43	16 58	3 35	17 52	1 20	21 27	1 27	25 59	3 37	22 36	0 31	22 8	0 56	20 7	0 14	11 41
S 14	21 34	21 48	4 20	17 19	1 13	21 35	1 25	25 59	3 37	22 36	0 31	22 9	0 56	20 7	0 14	11 41
M15	21 25	25 36	4 51	16 46	1 5	21 42	1 22	25 59	3 38	22 36	0 31	22 9	0 56	20 8	0 14	11 41
T 16	21 15	27 54	5 5	16 13	0 58	21 48	1 20	25 59	3 39	22 35	0 31	22 10	0 56	20 8	0 14	11 41
W17	21 5	28 17	4 59	15 39	0 49	21 55	1 18	26 0	3 39	22 35	0 31	22 10	0 55	20 9	0 14	11 42
T 18	20 54	26 35	4 32	15 6	0 40	22 0	1 15	26 0	3 40	22 35	0 31	22 10	0 55	20 9	0 14	11 42
F 19	20 44	22 54	3 45	14 32	0 31	22 5	1 13	26 0	3 40	22 35	0 30	22 11	0 55	20 10	0 14	11 42
S 20	20 33	17 41	2 43	13 58	0 21	22 9	1 10	26 0	3 40	22 35	0 30	22 11	0 55	20 10	0 14	11 42
S 21	20 21	11 27	1 30	13 25	0 11	22 13	1 8	26 1	3 41	22 35	0 30	22 11	0 55	20 11	0 14	11 42
M22	20 9	4 43	0 13	12 52	0 0	22 16	1 5	26 1	3 41	22 35	0 30	22 12	0 55	20 11	0 14	11 42
T 23	19 57	2n 3	1n 3	12 19	0s11	22 19	1 2	26 1	3 41	22 34	0 30	22 12	0 55	20 12	0 14	11 43
W24	19 45	8 30	2 13	11 46	0 22	22 20	1 0	26 2	3 41	22 34	0 30	22 12	0 55	20 12	0 14	11 43
T 25	19 32	14 23	3 14	11 14	0 34	22 22	0 57	26 2	3 41	22 34	0 29	22 13	0 55	20 13	0 14	11 43
F 26	19 19	19 28	4 3	10 43	0 46	22 22	0 54	26 3	3 41	22 34	0 29	22 13	0 54	20 13	0 14	11 43
S 27	19 6	23 33	4 39	10 12	0 58	22 22	0 52	26 3	3 41	22 34	0 29	22 14	0 54	20 13	0 14	11 43
S 28	18 52	26 28	5 0	9 42	1 11	22 22	0 49	26 4	3 41	22 34	0 29	22 14	0 54	20 14	0 14	11 43
M29	18 38	28 6	5 8	9 13	1 23	22 20	0 46	26 5	3 41	22 34	0 29	22 14	0 54	20 14	0 14	11 43
T 30	18 24	28 22	5 2	8 44	1 36	22 19	0 43	26 5	3 41	22 34	0 28	22 15	0 54	20 14	0 14	11 43
W31	18n 9	27n19	4n43	8n17	1s49	22n16	0s41	26s 6	3s41	22s34	0n28	22s15	0n54	20n15	0s14	11n43

Julian Day Number = 2705569.5, Delta T = 26m54s  
Ecliptic obliquity = 23°21'05, Nutation = 0°00'02  
Ayanamsha: Fagan/Bradley = 34°28'12, Lahiri = 33°35'12

## ASTRODIENST EPHEMERIS for the year 2695

AUGUST 2695

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 38 30	9♌ 9°38	25♊51	4♍41	11♊38	14♌35	20°R46	7°R24	2♐ 1	5♌23	28♌48	20°R22	21♌57	5♌39	20°R18	T 1
F 2	20 42 27	10° 6'57	7♌41	5°14	12°50	14°45	20°A43	7♌21	2° 3	5°24	28°49	20°H15	21°54	5°45	20°A15	F 2
S 3	20 46 23	11° 4'17	19°30	5°44	14° 3	14°55	20°40	7°18	2° 4	5°24	28°51	20°10	21°51	5°52	20°12	S 3
S 4	20 50 20	12° 1'37	1♍21	6° 9	15°15	15° 6	20°38	7°14	2° 6	5°24	28°53	20° 6	21°47	5°59	20° 9	S 4
M 5	20 54 16	12°58'58	13°16	6°30	16°27	15°18	20°35	7°11	2° 8	5°24	28°55	20° 4	21°44	6° 6	20° 5	M 5
T 6	20 58 13	13°56'18	25°17	6°47	17°39	15°30	20°33	7° 8	2° 9	5°24	28°57	20°D 4	21°41	6°12	20° 2	T 6
W 7	21 2 9	14°53'40	7♌28	6°58	18°52	15°44	20°31	7° 5	2°11	5°24	28°58	20° 5	21°38	6°19	19°59	W 7
T 8	21 6 6	15°51'02	19°52	7° 5	20° 4	15°58	20°29	7° 2	2°12	5°R24	29° 0	20° 7	21°35	6°26	19°55	T 8
F 9	21 10 3	16°48'24	2♍33	7°R 7	21°17	16°12	20°28	6°59	2°14	5°24	29° 2	20° 8	21°32	6°32	19°52	F 9
S 10	21 13 59	17°45'47	15°35	7° 4	22°29	16°27	20°26	6°57	2°15	5°24	29° 4	20°R 9	21°28	6°39	19°49	S 10
S 11	21 17 56	18°43'10	29° 1	6°55	23°42	16°43	20°25	6°54	2°17	5°24	29° 6	20° 9	21°25	6°46	19°45	S 11
M12	21 21 52	19°40'34	12♌53	6°42	24°54	17° 0	20°24	6°51	2°18	5°24	29° 8	20° 7	21°22	6°52	19°42	M12
T 13	21 25 49	20°37'59	27°12	6°23	26° 7	17°17	20°23	6°49	2°19	5°24	29° 9	20° 4	21°19	6°59	19°39	T 13
W14	21 29 45	21°35'24	11♌54	5°59	27°19	17°35	20°23	6°46	2°20	5°24	29°11	20° 0	21°16	7° 6	19°35	W14
T 15	21 33 42	22°32'49	26°54	5°31	28°32	17°53	20°22	6°44	2°22	5°23	29°13	19°57	21°13	7°12	19°32	T 15
F 16	21 37 39	23°30'16	12♌ 5	4°58	29°45	18°12	20°22	6°41	2°23	5°23	29°15	19°53	21° 9	7°19	19°29	F 16
S 17	21 41 35	24°27'43	27°16	4°21	0♌58	18°31	20°D22	6°39	2°24	5°23	29°17	19°51	21° 6	7°26	19°25	S 17
S 18	21 45 32	25°25'11	12♌ 18	3°40	2°10	18°51	20°22	6°37	2°25	5°23	29°19	19°50	21° 3	7°32	19°22	S 18
M19	21 49 28	26°22'40	27° 2	2°56	3°23	19°12	20°22	6°35	2°26	5°22	29°20	19°D50	21° 0	7°39	19°19	M19
T 20	21 53 25	27°20'10	11°Y23	2°10	4°36	19°33	20°22	6°33	2°27	5°22	29°22	19°51	20°57	7°46	19°15	T 20
W21	21 57 21	28°17'41	25°17	1°22	5°49	19°55	20°23	6°31	2°28	5°22	29°24	19°52	20°53	7°52	19°12	W21
T 22	22 1 18	29°15'14	8♌45	0°34	7° 2	20°17	20°24	6°29	2°28	5°21	29°26	19°53	20°50	7°59	19° 9	T 22
F 23	22 5 14	0♍12'48	21°47	29♌45	8°15	20°39	20°25	6°27	2°29	5°21	29°28	19°54	20°47	8° 6	19° 5	F 23
S 24	22 9 11	1°10'24	4♐28	28°58	9°28	21° 3	20°26	6°26	2°30	5°20	29°30	19°R54	20°44	8°12	19° 2	S 24
S 25	22 13 7	2° 8'01	16°50	28°12	10°41	21°26	20°27	6°24	2°31	5°20	29°32	19°54	20°41	8°19	18°59	S 25
M26	22 17 4	3° 5'39	28°59	27°30	11°55	21°50	20°29	6°23	2°31	5°19	29°33	19°52	20°38	8°26	18°56	M26
T 27	22 21 1	4° 3'19	10♌57	26°51	13° 8	22°15	20°30	6°21	2°32	5°19	29°35	19°50	20°34	8°33	18°53	T 27
W28	22 24 57	5° 1'01	22°50	26°17	14°21	22°40	20°32	6°20	2°32	5°18	29°37	19°48	20°31	8°39	18°49	W28
T 29	22 28 54	5°58'43	4♌39	25°48	15°34	23° 5	20°34	6°19	2°33	5°17	29°39	19°46	20°28	8°46	18°46	T 29
F 30	22 32 50	6°56'27	16°29	25°25	16°48	23°31	20°37	6°18	2°33	5°17	29°41	19°44	20°25	8°53	18°43	F 30
S 31	22 36 47	7♍54'13	28♌21	25♌ 9	18♌ 1	23°A58	20°A39	6♌17	2♐34	5♌16	29♌43	19°H43	20°H22	8♌59	18°A40	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	17n54	25n 1	4n12	7n51	2s 3	22n13	0s38	26s 7	3s41	22s34	0n28	22s15	0n54	20n15	0s14	T 1
F 2	17 39	21 39	3 30	7 27	2 16	22 9	0 35	26 8	3 40	22 34	0 28	22 15	0 54	20 16	0 14	F 2
S 3	17 23	17 25	2 38	7 4	2 29	22 5	0 32	26 9	3 40	22 34	0 28	22 16	0 53	20 16	0 14	S 3
S 4	17 7	12 31	1 40	6 42	2 42	22 0	0 30	26 10	3 40	22 34	0 27	22 16	0 53	20 16	0 14	S 4
M 5	16 51	7 7	0 37	6 22	2 56	21 54	0 27	26 11	3 39	22 34	0 27	22 16	0 53	20 17	0 14	M 5
T 6	16 35	1 26	0s28	6 4	3 9	21 48	0 24	26 12	3 39	22 34	0 27	22 17	0 53	20 17	0 14	T 6
W 7	16 18	4s23	1 34	5 48	3 22	21 41	0 21	26 13	3 38	22 34	0 27	22 17	0 53	20 17	0 14	W 7
T 8	16 2	10 9	2 36	5 34	3 34	21 33	0 18	26 14	3 38	22 34	0 27	22 17	0 53	20 17	0 14	T 8
F 9	15 44	15 37	3 31	5 22	3 46	21 25	0 16	26 15	3 37	22 34	0 27	22 18	0 53	20 18	0 14	F 9
S 10	15 27	20 34	4 18	5 12	3 58	21 16	0 13	26 16	3 37	22 34	0 26	22 18	0 52	20 18	0 14	S 10
S 11	15 10	24 37	4 52	5 5	4 9	21 7	0 10	26 17	3 36	22 34	0 26	22 18	0 52	20 18	0 14	S 11
M12	14 52	27 24	5 11	5 1	4 19	20 57	0 7	26 18	3 36	22 34	0 26	22 18	0 52	20 18	0 14	M12
T 13	14 34	28 30	5 11	4 59	4 28	20 47	0 4	26 19	3 35	22 35	0 26	22 19	0 52	20 19	0 14	T 13
W14	14 15	27 39	4 51	5 0	4 36	20 35	0 2	26 20	3 35	22 35	0 26	22 19	0 52	20 19	0 14	W14
T 15	13 57	24 48	4 11	5 4	4 43	20 24	0n 1	26 21	3 34	22 35	0 25	22 19	0 52	20 19	0 14	T 15
F 16	13 38	20 11	3 13	5 10	4 49	20 11	0 4	26 22	3 33	22 35	0 25	22 20	0 52	20 19	0 14	F 16
S 17	13 19	14 16	2 1	5 20	4 53	19 59	0 6	26 23	3 33	22 35	0 25	22 20	0 51	20 20	0 14	S 17
S 18	13 0	7 34	0 41	5 32	4 55	19 45	0 9	26 24	3 32	22 35	0 25	22 20	0 51	20 20	0 14	S 18
M19	12 41	0 34	0n40	5 46	4 56	19 31	0 12	26 25	3 31	22 36	0 25	22 20	0 51	20 20	0 14	M19
T 20	12 21	6n16	1 56	6 3	4 56	19 17	0 14	26 26	3 30	22 36	0 24	22 21	0 51	20 20	0 14	T 20
W21	12 1	12 35	3 3	6 23	4 53	19 1	0 17	26 27	3 30	22 36	0 24	22 21	0 51	20 20	0 14	W21
T 22	11 41	18 7	3 58	6 44	4 48	18 46	0 20	26 28	3 29	22 36	0 24	22 21	0 51	20 21	0 14	T 22
F 23	11 21	22 38	4 39	7 7	4 42	18 30	0 22	26 29	3 28	22 37	0 24	22 21	0 51	20 21	0 14	F 23
S 24	11 1	25 56	5 4	7 31	4 34	18 13	0 25	26 30	3 27	22 37	0 24	22 21	0 50	20 21	0 14	S 24
S 25	10 41	27 56	5 15	7 55	4 24	17 56	0 27	26 30	3 26	22 37	0 24	22 22	0 50	20 21	0 15	S 25
M26	10 20	28 32	5 12	8 21	4 12	17 38	0 30	26 31	3 25	22 37	0 23	22 22	0 50	20 21	0 15	M26
T 27	9 59	27 48	4 55	8 46	3 59	17 20	0 32	26 32	3 25	22 38	0 23	22 22	0 50	20 21	0 15	T 27
W28	9 38	25 47	4 25	9 11	3 45	17 1	0 34	26 32	3 24	22 38	0 23	22 22	0 50	20 21	0 15	W28
T 29	9 17	22 39	3 44	9 35	3 29	16 42	0 37	26 33	3 23	22 38	0 23	22 23	0 50	20 21	0 15	T 29
F 30	8 56	18 36	2 54	9 58	3 13	16 22	0 39	26 33	3 22	22 39	0 23	22 23	0 49	20 21	0 15	F 30
S 31	8n34	13n49	1n55	10n20	2s56	16n 2	0n41	26s34	3s21	22s39	0n22	22s23	0n49	20n22	0s15	S 31

Julian Day Number = 2705600.5, Delta T = 26m54s

Ecliptic obliquity = 23°21'05, Nutation = 0°00'04

Ayanamsha: Fagan/Bradley = 34°28'17, Lahiri = 33°35'16

## ASTRODIENST EPHEMERIS for the year 2695

SEPTEMBER 2695

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 40 43	8♍51'59	10♏18	25°R 0	19♌15	24♌25	20♌42	6°R16	2♏34	5°R15	29♌45	19°R42	20♏18	9♌6	18°R37	S 1
M 2	22 44 40	9°49'48	22°22	24°D58	20°28	24°52	20°44	6♌15	2°34	5♌14	29°46	19°D42	20°15	9°13	18°R34	M 2
T 3	22 48 36	10°47'37	4♌35	25♌4	21°42	25°19	20°47	6°14	2°35	5°14	29°48	19°R42	20°12	9°19	18°31	T 3
W 4	22 52 33	11°45'27	16°58	25°17	22°55	25°47	20°50	6°14	2°35	5°13	29°50	19°43	20° 9	9°26	18°28	W 4
T 5	22 56 30	12°43'19	29°34	25°39	24° 9	26°16	20°54	6°13	2°35	5°12	29°52	19°43	20° 6	9°33	18°25	T 5
F 6	23 0 26	13°41'13	12♏25	26° 8	25°22	26°45	20°57	6°13	2°35	5°11	29°54	19°44	20° 3	9°39	18°22	F 6
S 7	23 4 23	14°39'07	25°33	26°45	26°36	27°14	21° 1	6°12	2°R35	5°10	29°56	19°45	19°59	9°46	18°19	S 7
S 8	23 8 19	15°37'03	8♌59	27°30	27°50	27°43	21° 5	6°12	2°35	5° 9	29°57	19°45	19°56	9°53	18°16	S 8
M 9	23 12 16	16°35'00	22°45	28°22	29° 3	28°13	21° 9	6°12	2°35	5° 8	29°59	19°R45	19°53	9°59	18°14	M 9
T 10	23 16 12	17°32'58	6♌51	29°21	0♏17	28°44	21°13	6°D12	2°35	5° 7	0♏1	19°45	19°50	10° 6	18°11	T 10
W 11	23 20 9	18°30'57	21°16	0♏27	1°31	29°14	21°17	6°12	2°35	5° 6	0° 3	19°45	19°47	10°13	18° 8	W 11
T 12	23 24 5	19°28'58	5♌57	1°40	2°45	29°45	21°22	6°12	2°35	5° 5	0° 5	19°D44	19°44	10°19	18° 6	T 12
F 13	23 28 2	20°27'00	20°27'00	2°59	3°59	0♌17	21°26	6°12	2°34	5° 4	0° 6	19°44	19°40	10°26	18° 3	F 13
S 14	23 31 59	21°25'03	5♌42	4°23	5°13	0°48	21°31	6°13	2°34	5° 3	0° 8	19°45	19°37	10°33	18° 0	S 14
S 15	23 35 55	22°23'08	20°32	5°52	6°27	1°20	21°36	6°13	2°34	5° 2	0°10	19°R45	19°34	10°39	17°58	S 15
M 16	23 39 52	23°21'15	5♌10	7°25	7°40	1°52	21°41	6°14	2°33	5° 1	0°12	19°44	19°31	10°46	17°55	M 16
T 17	23 43 48	24°19'23	19°30	9° 3	8°54	2°25	21°47	6°14	2°33	5° 0	0°13	19°44	19°28	10°53	17°53	T 17
W 18	23 47 45	25°17'33	3♌28	10°45	10° 9	2°58	21°52	6°15	2°32	4°59	0°15	19°44	19°24	10°59	17°51	W 18
T 19	23 51 41	26°15'45	17° 0	12°29	11°23	3°31	21°58	6°16	2°32	4°57	0°17	19°43	19°21	11° 6	17°48	T 19
F 20	23 55 38	27°13'59	0♏8	14°16	12°37	4° 4	22° 3	6°17	2°31	4°56	0°18	19°42	19°18	11°13	17°46	F 20
S 21	23 59 34	28°12'15	12°53	16° 5	13°51	4°38	22° 9	6°18	2°30	4°55	0°20	19°41	19°15	11°19	17°44	S 21
S 22	0 3 31	29°10'33	25°18	17°55	15° 5	5°12	22°15	6°19	2°30	4°54	0°22	19°D41	19°12	11°26	17°42	S 22
M 23	0 7 28	0♏8'53	7♌27	19°47	16°19	5°46	22°22	6°20	2°29	4°52	0°23	19°41	19° 9	11°33	17°39	M 23
T 24	0 11 24	1° 7'15	19°25	21°40	17°34	6°20	22°28	6°22	2°28	4°51	0°25	19°42	19° 5	11°39	17°37	T 24
W 25	0 15 21	2° 5'39	1♌16	23°33	18°48	6°55	22°35	6°23	2°27	4°50	0°27	19°43	19° 2	11°46	17°35	W 25
T 26	0 19 17	3° 4'05	13° 6	25°26	20° 2	7°30	22°41	6°25	2°26	4°48	0°28	19°44	18°59	11°53	17°33	T 26
F 27	0 23 14	4° 2'33	24°57	27°20	21°16	8° 5	22°48	6°26	2°26	4°47	0°30	19°45	18°56	11°59	17°31	F 27
S 28	0 27 10	5° 1'03	6♏54	29°13	22°31	8°41	22°55	6°28	2°25	4°46	0°32	19°46	18°53	12° 6	17°30	S 28
S 29	0 31 7	5°59'36	18°59	1♌6	23°45	9°17	23° 2	6°30	2°24	4°44	0°33	19°R47	18°50	12°13	17°28	S 29
M 30	0 35 3	6♌58'09	1♌15	2♌59	25°00	9♌53	23° 9	6♌32	2♏22	4♌43	0♏35	19°R46	18°46	12♌19	17°26	M 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	8n13	8n29	0n52	10n39	2s38	15n41	0n44	26s34	3s20	22s39	0n22	22s23	0n49	20n22	0s15	11n39	1s40
M 2	7 51	2 47	0s15	10 57	2 20	15 20	0 46	26 34	3 19	22 40	0 22	22 23	0 49	20 22	0 15	11 39	1 40
T 3	7 30	3s 4	1 22	11 12	2 2	14 59	0 48	26 34	3 18	22 40	0 22	22 24	0 49	20 22	0 15	11 38	1 40
W 4	7 8	8 53	2 26	11 25	1 43	14 37	0 50	26 34	3 17	22 40	0 22	22 24	0 49	20 22	0 15	11 38	1 40
T 5	6 46	14 27	3 24	11 35	1 25	14 15	0 52	26 34	3 16	22 41	0 22	22 24	0 49	20 22	0 15	11 38	1 41
F 6	6 24	19 31	4 13	11 42	1 8	13 52	0 54	26 34	3 15	22 41	0 21	22 24	0 48	20 22	0 15	11 37	1 41
S 7	6 1	23 46	4 50	11 46	0 50	13 29	0 56	26 34	3 14	22 42	0 21	22 24	0 48	20 22	0 15	11 37	1 41
S 8	5 39	26 51	5 12	11 46	0 34	13 5	0 58	26 33	3 13	22 42	0 21	22 24	0 48	20 22	0 15	11 37	1 41
M 9	5 17	28 26	5 17	11 44	0 17	12 42	1 0	26 33	3 12	22 43	0 21	22 25	0 48	20 22	0 15	11 36	1 41
T 10	4 54	28 13	5 3	11 37	0 2	12 17	1 1	26 32	3 11	22 43	0 21	22 25	0 48	20 22	0 15	11 36	1 41
W 11	4 32	26 8	4 31	11 28	0n12	11 53	1 3	26 31	3 10	22 43	0 21	22 25	0 48	20 22	0 15	11 35	1 41
T 12	4 9	22 16	3 40	11 15	0 26	11 28	1 5	26 30	3 9	22 44	0 20	22 25	0 47	20 22	0 15	11 35	1 41
F 13	3 46	16 57	2 34	10 58	0 38	11 3	1 7	26 29	3 8	22 44	0 20	22 25	0 47	20 22	0 15	11 35	1 41
S 14	3 23	10 35	1 17	10 39	0 50	10 37	1 8	26 28	3 7	22 45	0 20	22 25	0 47	20 22	0 15	11 34	1 41
S 15	3 1	3 40	0n 4	10 16	1 0	10 12	1 10	26 27	3 6	22 45	0 20	22 25	0 47	20 21	0 15	11 34	1 41
M 16	2 38	3n20	1 25	9 50	1 10	9 46	1 11	26 25	3 5	22 46	0 20	22 26	0 47	20 21	0 15	11 33	1 41
T 17	2 15	10 2	2 38	9 21	1 18	9 19	1 12	26 24	3 4	22 46	0 20	22 26	0 47	20 21	0 15	11 33	1 41
W 18	1 52	16 4	3 40	8 50	1 26	8 53	1 14	26 22	3 3	22 47	0 19	22 26	0 47	20 21	0 15	11 33	1 41
T 19	1 29	21 7	4 27	8 16	1 32	8 26	1 15	26 20	3 2	22 47	0 19	22 26	0 46	20 21	0 15	11 32	1 41
F 20	1 6	24 58	4 59	7 40	1 37	7 59	1 16	26 18	3 0	22 48	0 19	22 26	0 46	20 21	0 15	11 32	1 41
S 21	0 43	27 28	5 15	7 2	1 41	7 31	1 17	26 15	2 59	22 48	0 19	22 26	0 46	20 21	0 15	11 31	1 41
S 22	0 20	28 31	5 15	6 22	1 44	7 4	1 19	26 13	2 58	22 49	0 19	22 26	0 46	20 21	0 15	11 31	1 41
M 23	0s 4	28 10	5 2	5 40	1 47	6 36	1 20	26 11	2 57	22 49	0 19	22 26	0 46	20 21	0 15	11 30	1 41
T 24	0 27	26 30	4 35	4 57	1 48	6 8	1 20	26 8	2 56	22 50	0 18	22 26	0 46	20 20	0 15	11 30	1 41
W 25	0 50	23 40	3 57	4 13	1 49	5 40	1 21	26 5	2 55	22 50	0 18	22 26	0 45	20 20	0 15	11 29	1 41
T 26	1 13	19 51	3 9	3 28	1 49	5 12	1 22	26 2	2 54	22 51	0 18	22 27	0 45	20 20	0 15	11 29	1 41
F 27	1 36	15 15	2 13	2 43	1 48	4 43	1 23	25 59	2 53	22 51	0 18	22 27	0 45	20 20	0 15	11 28	1 41
S 28	1 59	10 3	1 11	1 56	1 46	4 15	1 24	25 55	2 51	22 52	0 18	22 27	0 45	20 20	0 15	11 28	1 41
S 29	2 22	4 25	0 4	1 10	1 44	3 46	1 24	25 52	2 50	22 52	0 18	22 27	0 45	20 19	0 15	11 27	1 42
M 30	2s45	1s28	1s 3	0n23	1n42	3n17	1n25	25s48	2s49	22s53	0n18	22s27	0n45	20n19	0s15	11n27	1s42

Julian Day Number = 2705631.5, Delta T = 26m55s

Ecliptic obliquity = 23°21'06, Nutation = 0°00'04

Ayanamsha: Fagan/Bradley = 34°28'21, Lahiri = 33°35'21

## ASTRODIENST EPHEMERIS for the year 2695

OCTOBER 2695

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 39 0	7♂56'45	13♂44	4♂50	26♂14	10♂29	23♂17	6♂34	2°R21	4°R41	0♂36	19°R45	18♂43	12♂26	17°R24	T 1
W 2	0 42 57	8°55'23	26°26	6°42	27°29	11° 5	23°24	6°36	2♂20	4♂40	0°38	19♂43	18°40	12°33	17°23	W 2
T 3	0 46 53	9°54'03	9♂22	8°32	28°43	11°42	23°32	6°38	2°19	4°38	0°39	19°40	18°37	12°40	17°21	T 3
F 4	0 50 50	10°52'44	22°32	10°22	29°58	12°19	23°40	6°40	2°18	4°37	0°41	19°37	18°34	12°46	17°20	F 4
S 5	0 54 46	11°51'28	5♂55	12°11	1♂12	12°56	23°48	6°42	2°16	4°35	0°42	19°34	18°30	12°53	17°18	S 5
S 6	0 58 43	12°50'13	19°32	13°59	2°27	13°33	23°56	6°45	2°15	4°34	0°44	19°31	18°27	13° 0	17°17	S 6
M 7	1 2 39	13°48'59	3♂21	15°46	3°41	14°11	24° 4	6°47	2°14	4°32	0°45	19°30	18°24	13° 6	17°16	M 7
T 8	1 6 36	14°47'48	17°21	17°32	4°56	14°49	24°12	6°50	2°12	4°31	0°47	19°D30	18°21	13°13	17°14	T 8
W 9	1 10 32	15°46'38	1♂32	19°17	6°11	15°26	24°21	6°53	2°11	4°29	0°48	19°30	18°18	13°20	17°13	W 9
T 10	1 14 29	16°45'29	15°52	21° 1	7°25	16° 5	24°29	6°56	2° 9	4°28	0°50	19°32	18°15	13°26	17°12	T 10
F 11	1 18 26	17°44'22	0♂18	22°45	8°40	16°43	24°38	6°59	2° 8	4°26	0°51	19°33	18°11	13°33	17°11	F 11
S 12	1 22 22	18°43'17	14°46	24°27	9°55	17°21	24°47	7° 2	2° 6	4°24	0°52	19°R34	18° 8	13°40	17°10	S 12
S 13	1 26 19	19°42'14	29°13	26° 9	11°10	18° 0	24°56	7° 5	2° 5	4°23	0°54	19°34	18° 5	13°46	17° 9	S 13
M14	1 30 15	20°41'12	13°Y32	27°50	12°24	18°39	25° 5	7° 8	2° 3	4°21	0°55	19°32	18° 2	13°53	17° 8	M14
T 15	1 34 12	21°40'13	27°38	29°30	13°39	19°18	25°14	7°11	2° 1	4°20	0°56	19°29	17°59	14° 0	17° 8	T 15
W16	1 38 8	22°39'15	11♂28	1♂ 9	14°54	19°57	25°23	7°14	1°59	4°18	0°58	19°24	17°55	14° 6	17° 7	W16
T 17	1 42 5	23°38'20	24°57	2°47	16° 9	20°36	25°33	7°18	1°58	4°16	0°59	19°18	17°52	14°13	17° 6	T 17
F 18	1 46 1	24°37'27	8♂ 5	4°24	17°24	21°16	25°42	7°21	1°56	4°15	1° 0	19°13	17°49	14°20	17° 6	F 18
S 19	1 49 58	25°36'36	20°51	6° 1	18°38	21°55	25°52	7°25	1°54	4°13	1° 1	19° 8	17°46	14°26	17° 5	S 19
S 20	1 53 55	26°35'48	3♂18	7°37	19°53	22°35	26° 1	7°29	1°52	4°11	1° 2	19° 3	17°43	14°33	17° 5	S 20
M21	1 57 51	27°35'01	15°28	9°12	21° 8	23°15	26°11	7°32	1°50	4°10	1° 4	19° 1	17°40	14°40	17° 5	M21
T 22	2 1 48	28°34'17	27°27	10°47	22°23	23°55	26°21	7°36	1°48	4° 8	1° 5	19°D 0	17°36	14°46	17° 4	T 22
W23	2 5 44	29°33'35	9♂18	12°20	23°38	24°35	26°31	7°40	1°46	4° 6	1° 6	19° 1	17°33	14°53	17° 4	W23
T 24	2 9 41	0♂32'56	21° 7	13°53	24°53	25°16	26°41	7°44	1°44	4° 5	1° 7	19° 2	17°30	15° 0	17° 4	T 24
F 25	2 13 37	1°32'18	3♂ 0	15°26	26° 8	25°56	26°52	7°48	1°42	4° 3	1° 8	19° 4	17°27	15° 6	17° 4	F 25
S 26	2 17 34	2°31'43	15° 0	16°57	27°23	26°37	27° 2	7°52	1°40	4° 1	1° 9	19°R 5	17°24	15°13	17°D 4	S 26
S 27	2 21 30	3°31'10	27°12	18°28	28°38	27°18	27°13	7°56	1°38	4° 0	1°10	19° 4	17°21	15°20	17° 4	S 27
M28	2 25 27	4°30'39	9♂40	19°58	29°53	27°59	27°23	8° 1	1°36	3°58	1°11	19° 2	17°17	15°26	17° 4	M28
T 29	2 29 23	5°30'10	22°25	21°28	1♂ 8	28°40	27°34	8° 5	1°34	3°56	1°12	18°58	17°14	15°33	17° 4	T 29
W30	2 33 20	6°29'44	5♂28	22°57	2°23	29°21	27°44	8°10	1°32	3°55	1°13	18°51	17°11	15°40	17° 4	W30
T 31	2 37 17	7♂29'19	18♂48	24♂25	3♂38	0♂ 2	27♂55	8♂14	1♂30	3♂53	1♂14	18♂44	17♂ 8	15♂46	17♂ 5	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	3s 8	7s22	2s 8	0s25	1n38	2n48	1n25	2s44	2s48	22s54	0n17	22s27	0n45	20n19	0s15	11n26
W 2	3 31	13 6	3 9	1 12	1 35	2 19	1 26	25 40	2 47	22 54	0 17	22 27	0 44	20 19	0 15	11 26
T 3	3 54	18 21	4 0	1 59	1 31	1 50	1 26	25 35	2 46	22 55	0 17	22 27	0 44	20 19	0 15	11 25
F 4	4 17	22 51	4 40	2 46	1 26	1 20	1 26	25 31	2 44	22 55	0 17	22 27	0 44	20 18	0 15	11 25
S 5	4 40	26 14	5 6	3 33	1 22	0 51	1 27	25 26	2 43	22 56	0 17	22 27	0 44	20 18	0 15	11 24
S 6	5 3	28 10	5 14	4 19	1 16	0 22	1 27	25 21	2 42	22 56	0 17	22 27	0 44	20 18	0 15	11 24
M 7	5 26	28 24	5 5	5 5	1 11	0s 8	1 27	25 16	2 41	22 57	0 17	22 27	0 44	20 18	0 15	11 23
T 8	5 49	26 50	4 38	5 51	1 5	0 37	1 27	25 10	2 40	22 57	0 16	22 27	0 44	20 17	0 15	11 23
W 9	6 11	23 33	3 54	6 36	0 59	1 7	1 27	25 5	2 38	22 58	0 16	22 27	0 43	20 17	0 15	11 22
T 10	6 34	18 48	2 54	7 21	0 53	1 36	1 27	24 59	2 37	22 58	0 16	22 27	0 43	20 17	0 15	11 22
F 11	6 56	12 57	1 44	8 5	0 47	2 6	1 27	24 53	2 36	22 59	0 16	22 27	0 43	20 16	0 15	11 21
S 12	7 19	6 23	0 26	8 49	0 41	2 35	1 26	24 47	2 35	22 59	0 16	22 27	0 43	20 16	0 15	11 21
S 13	7 41	0n30	0n53	9 32	0 34	3 5	1 26	24 41	2 33	23 0	0 16	22 27	0 43	20 16	0 15	11 20
M14	8 3	7 17	2 7	10 14	0 27	3 34	1 26	24 34	2 32	23 0	0 16	22 27	0 43	20 15	0 15	11 19
T 15	8 25	13 36	3 13	10 56	0 21	4 3	1 25	24 28	2 31	23 1	0 15	22 27	0 43	20 15	0 15	11 19
W16	8 47	19 7	4 6	11 37	0 14	4 33	1 25	24 21	2 30	23 1	0 15	22 27	0 42	20 15	0 15	11 18
T 17	9 9	23 31	4 44	12 17	0 7	5 2	1 24	24 13	2 28	23 1	0 15	22 27	0 42	20 14	0 15	11 18
F 18	9 30	26 36	5 5	12 57	0s 0	5 31	1 24	24 6	2 27	23 2	0 15	22 27	0 42	20 14	0 15	11 17
S 19	9 52	28 12	5 11	13 35	0 7	6 0	1 23	23 59	2 26	23 2	0 15	22 27	0 42	20 14	0 15	11 17
S 20	10 13	28 20	5 2	14 13	0 14	6 29	1 22	23 51	2 25	23 3	0 15	22 27	0 42	20 13	0 15	11 16
M21	10 35	27 4	4 39	14 51	0 21	6 57	1 21	23 43	2 23	23 3	0 15	22 27	0 42	20 13	0 15	11 16
T 22	10 56	24 35	4 4	15 27	0 28	7 26	1 21	23 35	2 22	23 4	0 14	22 27	0 42	20 13	0 15	11 15
W23	11 17	21 4	3 19	16 2	0 35	7 54	1 20	23 26	2 21	23 4	0 14	22 26	0 41	20 12	0 15	11 14
T 24	11 37	16 43	2 26	16 37	0 42	8 23	1 19	23 18	2 20	23 4	0 14	22 26	0 41	20 12	0 15	11 14
F 25	11 58	11 43	1 26	17 11	0 49	8 51	1 18	23 9	2 18	23 5	0 14	22 26	0 41	20 11	0 15	11 13
S 26	12 18	6 14	0 22	17 44	0 56	9 19	1 17	23 0	2 17	23 5	0 14	22 26	0 41	20 11	0 15	11 13
S 27	12 39	0 26	0s44	18 16	1 3	9 46	1 15	22 51	2 16	23 5	0 14	22 26	0 41	20 10	0 15	11 12
M28	12 59	5s29	1 49	18 47	1 9	10 14	1 14	22 41	2 15	23 6	0 14	22 26	0 41	20 10	0 15	11 12
T 29	13 19	11 19	2 50	19 17	1 16	10 41	1 13	22 32	2 13	23 6	0 14	22 26	0 41	20 10	0 15	11 11
W30	13 38	16 48	3 44	19 46	1 22	11 8	1 12	22 22	2 12	23 6	0 13	22 26	0 41	20 9	0 15	11 10
T 31	13s58	21s37	4s26	20s14	1s29	11s35	1n10	22s12	2s11	23s 7	0n13	22s25	0n40	20n 9	0s15	11n10

Julian Day Number = 2705661.5, Delta T = 26m55s

Ecliptic obliquity = 23°21'06, Nutation = 0°00'03

Ayanamsha: Fagan/Bradley = 34°28'25, Lahiri = 33°35'25

# ASTRODIENST EPHEMERIS for the year 2695

NOVEMBER 2695

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	2 41 13	8♈28°57	2♈24	25♈53	4♈53	0♈44	28♈6	8♈19	1°R27	3°R51	1♈15	18°R35	17♈5	15♈53	17♈5	F 1
S 2	2 45 10	9°28'36	16°12	27°20	6°8	1°25	28°17	8°23	1♈25	3♈50	1°16	18°R27	17°1	16°0	17°6	S 2
S 3	2 49 6	10°28'17	0♈9	28°46	7°24	2°7	28°28	8°28	1°23	3°48	1°17	18°19	16°58	16°6	17°6	S 3
M 4	2 53 3	11°28'00	14°13	0♈11	8°39	2°49	28°39	8°33	1°21	3°46	1°17	18°14	16°55	16°13	17°7	M 4
T 5	2 56 59	12°27'45	28°19	1°36	9°54	3°31	28°51	8°38	1°18	3°45	1°18	18°11	16°52	16°20	17°8	T 5
W 6	3 0 56	13°27'31	12°27	3°0	11°9	4°13	29°2	8°43	1°16	3°43	1°19	18°D10	16°49	16°26	17°8	W 6
T 7	3 4 53	14°27'18	26°34	4°23	12°24	4°55	29°14	8°48	1°14	3°41	1°20	18°11	16°46	16°33	17°9	T 7
F 8	3 8 49	15°27'08	10♈40	5°45	13°39	5°37	29°25	8°53	1°11	3°40	1°21	18°11	16°42	16°40	17°10	F 8
S 9	3 12 46	16°26'58	24°43	7°6	14°54	6°20	29°37	8°58	1°9	3°38	1°21	18°R11	16°39	16°46	17°11	S 9
S 10	3 16 42	17°26'51	8♈42	8°26	16°9	7°2	29°48	9°3	1°6	3°36	1°22	18°9	16°36	16°53	17°12	S 10
M11	3 20 39	18°26'45	22°35	9°45	17°25	7°44	0♈0	9°9	1°4	3°35	1°23	18°5	16°33	17°0	17°13	M11
T 12	3 24 35	19°26'41	6♈18	11°3	18°40	8°27	0°12	9°14	1°2	3°33	1°23	17°58	16°30	17°6	17°15	T 12
W13	3 28 32	20°26'39	19°49	12°19	19°55	9°10	0°24	9°19	0°59	3°32	1°24	17°49	16°27	17°13	17°16	W13
T 14	3 32 28	21°26'39	3♈5	13°34	21°10	9°53	0°36	9°25	0°57	3°30	1°24	17°38	16°23	17°20	17°17	T 14
F 15	3 36 25	22°26'40	16°4	14°47	22°25	10°35	0°48	9°30	0°54	3°28	1°25	17°26	16°20	17°26	17°19	F 15
S 16	3 40 22	23°26'44	28°45	15°59	23°41	11°18	1°0	9°36	0°52	3°27	1°25	17°15	16°17	17°33	17°20	S 16
S 17	3 44 18	24°26'49	11♈9	17°9	24°56	12°1	1°12	9°41	0°49	3°25	1°26	17°5	16°14	17°40	17°22	S 17
M18	3 48 15	25°26'57	23°19	18°16	26°11	12°44	1°24	9°47	0°47	3°24	1°26	16°58	16°11	17°46	17°23	M18
T 19	3 52 11	26°27'06	5♈16	19°21	27°26	13°28	1°37	9°53	0°44	3°22	1°27	16°54	16°7	17°53	17°25	T 19
W20	3 56 8	27°27'18	17°7	20°23	28°42	14°11	1°49	9°59	0°42	3°21	1°27	16°51	16°4	18°0	17°27	W20
T 21	4 0 4	28°27'31	28°55	21°23	29°57	14°54	2°1	10°5	0°39	3°19	1°27	16°D51	16°1	18°6	17°28	T 21
F 22	4 4 1	29°27'47	10♈47	22°18	1♈12	15°37	2°14	10°10	0°37	3°18	1°28	16°R51	15°58	18°13	17°30	F 22
S 23	4 7 57	0♈28°04	22°47	23°10	2°27	16°21	2°26	10°16	0°34	3°16	1°28	16°51	15°55	18°20	17°32	S 23
S 24	4 11 54	1°28'23	5♈2	23°58	3°43	17°4	2°39	10°22	0°32	3°15	1°28	16°50	15°52	18°26	17°34	S 24
M25	4 15 51	2°28'45	17°35	24°40	4°58	17°48	2°52	10°28	0°29	3°13	1°29	16°46	15°48	18°33	17°36	M25
T 26	4 19 47	3°29'08	0♈30	25°17	6°13	18°32	3°4	10°35	0°27	3°12	1°29	16°39	15°45	18°39	17°38	T 26
W27	4 23 44	4°29'32	13°48	25°48	7°29	19°15	3°17	10°41	0°24	3°11	1°29	16°30	15°42	18°46	17°40	W27
T 28	4 27 40	5°29'59	27°30	26°12	8°44	19°59	3°30	10°47	0°22	3°9	1°29	16°19	15°39	18°53	17°43	T 28
F 29	4 31 37	6°30'27	11♈31	26°29	9°59	20°43	3°43	10°53	0°20	3°8	1°29	16°7	15°36	18°59	17°45	F 29
S 30	4 35 33	7♈30°57	25♈47	26°R37	11♈15	21°27	3♈56	10♈59	0♈17	3♈7	1♈29	15♈54	15♈33	19♈6	17°47	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	14s17	25s22	4s54	20s42	1s35	12s 1	1n 9	22s 2	2s 9	23s 7	0n13	22s25	0n40	20n 8	0s15	11n 9
S 2	14 36	27 43	5 6	21 8	1 41	12 28	1 7	21 51	2 8	23 7	0 13	22 25	0 40	20 8	0 15	11 9
S 3	14 55	28 21	5 0	21 33	1 47	12 54	1 6	21 41	2 7	23 8	0 13	22 25	0 40	20 7	0 15	11 8
M 4	15 13	27 10	4 36	21 57	1 53	13 19	1 4	21 30	2 6	23 8	0 13	22 25	0 40	20 7	0 15	11 8
T 5	15 31	24 15	3 55	22 20	1 58	13 44	1 2	21 19	2 4	23 8	0 13	22 25	0 40	20 6	0 15	11 7
W 6	15 49	19 53	2 59	22 42	2 4	14 9	1 1	21 8	2 3	23 8	0 13	22 24	0 40	20 6	0 15	11 7
T 7	16 7	14 23	1 53	23 3	2 9	14 34	0 59	20 56	2 2	23 8	0 13	22 24	0 40	20 6	0 15	11 6
F 8	16 24	8 10	0 40	23 23	2 14	14 58	0 57	20 45	2 0	23 9	0 12	22 24	0 39	20 5	0 15	11 5
S 9	16 42	1 33	0n35	23 41	2 18	15 22	0 56	20 33	1 59	23 9	0 12	22 24	0 39	20 5	0 15	11 5
S 10	16 59	5n 5	1 47	23 59	2 23	15 45	0 54	20 21	1 58	23 9	0 12	22 24	0 39	20 4	0 15	11 4
M11	17 15	11 26	2 53	24 15	2 27	16 8	0 52	20 9	1 57	23 9	0 12	22 23	0 39	20 4	0 15	11 4
T 12	17 32	17 9	3 47	24 30	2 30	16 31	0 50	19 56	1 55	23 9	0 12	22 23	0 39	20 3	0 15	11 3
W13	17 48	21 56	4 28	24 44	2 34	16 53	0 48	19 44	1 54	23 9	0 12	22 23	0 39	20 3	0 15	11 3
T 14	18 3	25 29	4 53	24 56	2 37	17 15	0 46	19 31	1 53	23 9	0 12	22 22	0 39	20 2	0 15	11 2
F 15	18 19	27 39	5 3	25 7	2 39	17 36	0 44	19 18	1 51	23 9	0 12	22 22	0 39	20 2	0 15	11 2
S 16	18 34	28 18	4 57	25 17	2 41	17 57	0 42	19 5	1 50	23 9	0 12	22 22	0 39	20 1	0 14	11 1
S 17	18 49	27 29	4 37	25 26	2 43	18 17	0 40	18 52	1 49	23 9	0 11	22 22	0 38	20 1	0 14	11 1
M18	19 3	25 22	4 5	25 34	2 44	18 37	0 37	18 39	1 47	23 9	0 11	22 21	0 38	20 0	0 14	11 0
T 19	19 17	22 9	3 22	25 40	2 45	18 57	0 35	18 25	1 46	23 9	0 11	22 21	0 38	20 0	0 14	11 0
W20	19 31	18 3	2 31	25 44	2 44	19 15	0 33	18 11	1 45	23 9	0 11	22 21	0 38	19 59	0 14	10 59
T 21	19 45	13 16	1 34	25 48	2 44	19 34	0 31	17 57	1 44	23 9	0 11	22 20	0 38	19 59	0 14	10 59
F 22	19 58	8 0	0 32	25 50	2 42	19 51	0 29	17 43	1 42	23 9	0 11	22 20	0 38	19 58	0 14	10 58
S 23	20 10	2 22	0s32	25 50	2 40	20 9	0 26	17 29	1 41	23 9	0 11	22 20	0 38	19 58	0 14	10 58
S 24	20 23	3s27	1 35	25 49	2 36	20 25	0 24	17 15	1 40	23 9	0 11	22 19	0 38	19 57	0 14	10 57
M25	20 35	9 16	2 35	25 47	2 32	20 41	0 22	17 0	1 38	23 9	0 11	22 19	0 38	19 57	0 14	10 57
T 26	20 46	14 52	3 29	25 43	2 27	20 57	0 19	16 45	1 37	23 9	0 10	22 19	0 37	19 56	0 14	10 57
W27	20 58	19 57	4 14	25 38	2 21	21 12	0 17	16 31	1 36	23 8	0 10	22 18	0 37	19 56	0 14	10 56
T 28	21 9	24 9	4 45	25 31	2 13	21 26	0 15	16 16	1 35	23 8	0 10	22 18	0 37	19 55	0 14	10 56
F 29	21 19	27 1	4 59	25 22	2 4	21 40	0 12	16 0	1 33	23 8	0 10	22 17	0 37	19 55	0 14	10 55
S 30	21s29	28s13	4s56	25s12	1s54	21s53	0n10	15s45	1s32	23s 8	0n10	22s17	0n37	19n54	0s14	10n55

Julian Day Number = 2705692.5, Delta T = 26m56s  
 Ecliptic obliquity = 23°21'05, Nutation = 0°00'02  
 Ayanamsha: Fagan/Bradley = 34°28'29, Lahiri = 33°35'29



## ASTRODIENST EPHEMERIS for the year 2696

JANUARY 2696

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	6 41 43	9♂57°06	3♂37	18♂48	21♂26	15♂11	11♂6	14♂37	29♂R 8	2♂R38	1♂R18	12♂R31	13♂51	22♂Ω39	19♂32	W 1
T 2	6 45 40	10°58'11	18° 0	20° 0	22°41	15°56	11°20	14°44	29♂ 6	2♂38	1♂17	12°D30	13°48	22°46	19°36	T 2
F 3	6 49 36	11°59'15	2♂ 6	21°13	23°56	16°41	11°34	14°51	29° 4	2°37	1°16	12♂31	13°45	22°53	19°40	F 3
S 4	6 53 33	13° 0'20	15°53	22°29	25°12	17°26	11°48	14°58	29° 3	2°37	1°15	12♂R31	13°41	22°59	19°44	S 4
S 5	6 57 29	14° 1'25	29°23	23°46	26°27	18°11	12° 1	15° 5	29° 1	2°37	1°14	12°30	13°38	23° 6	19°48	S 5
M 6	7 1 26	15° 2'30	12♂37	25° 5	27°42	18°56	12°15	15°12	29° 0	2°36	1°13	12°27	13°35	23°12	19°53	M 6
T 7	7 5 23	16° 3'35	25°36	26°26	28°58	19°41	12°29	15°19	28°58	2°36	1°12	12°21	13°32	23°19	19°57	T 7
W 8	7 9 19	17° 4'40	8♂23	27°47	0♂13	20°26	12°43	15°26	28°57	2°36	1°12	12°12	13°29	23°26	20° 1	W 8
T 9	7 13 16	18° 5'46	20°59	29°10	1°28	21°10	12°56	15°33	28°55	2°36	1°11	12° 2	13°25	23°32	20° 5	T 9
F 10	7 17 12	19° 6'52	3♂24	0♂33	2°43	21°55	13°10	15°40	28°54	2°36	1°10	11°52	13°22	23°39	20°10	F 10
S 11	7 21 9	20° 7'57	15°38	1°58	3°59	22°40	13°24	15°47	28°53	2°36	1° 9	11°42	13°19	23°46	20°14	S 11
S 12	7 25 5	21° 9'03	27°44	3°23	5°14	23°25	13°38	15°55	28°51	2°35	1° 8	11°33	13°16	23°52	20°18	S 12
M13	7 29 2	22°10'09	9♂41	4°49	6°29	24°10	13°51	16° 2	28°50	2°D35	1° 6	11°26	13°13	23°59	20°23	M13
T 14	7 32 59	23°11'15	21°33	6°16	7°44	24°55	14° 5	16° 9	28°49	2°35	1° 5	11°21	13°10	24° 6	20°27	T 14
W15	7 36 55	24°12'22	3♂20	7°43	9° 0	25°40	14°19	16°16	28°48	2°36	1° 4	11°19	13° 6	24°12	20°31	W15
T 16	7 40 52	25°13'28	15° 6	9°11	10°15	26°24	14°32	16°23	28°47	2°36	1° 3	11°D19	13° 3	24°19	20°36	T 16
F 17	7 44 48	26°14'35	26°56	10°40	11°30	27° 9	14°46	16°30	28°46	2°36	1° 2	11°20	13° 0	24°26	20°40	F 17
S 18	7 48 45	27°15'41	8♂53	12° 9	12°45	27°54	15° 0	16°37	28°45	2°36	1° 1	11°21	12°57	24°32	20°45	S 18
S 19	7 52 41	28°16'48	21° 3	13°39	14° 1	28°39	15°13	16°44	28°44	2°36	1° 0	11°22	12°54	24°39	20°49	S 19
M20	7 56 38	29°17'56	3♂31	15° 9	15°16	29°24	15°27	16°51	28°43	2°36	0°59	11°R23	12°51	24°46	20°54	M20
T 21	8 0 34	0♂19'03	16°21	16°39	16°31	0♂ 8	15°40	16°58	28°42	2°37	0°57	11°21	12°47	24°52	20°59	T 21
W22	8 4 31	1°20'10	29°38	18°10	17°46	0°53	15°54	17° 5	28°41	2°37	0°56	11°18	12°44	24°59	21° 3	W22
T 23	8 8 28	2°21'18	13♂24	19°42	19° 1	1°38	16° 7	17°12	28°41	2°37	0°55	11°13	12°41	25° 6	21° 8	T 23
F 24	8 12 24	3°22'26	27°39	21°14	20°17	2°23	16°21	17°19	28°40	2°38	0°54	11° 7	12°38	25°12	21°12	F 24
S 25	8 16 21	4°23'33	12♂19	22°47	21°32	3° 7	16°34	17°26	28°39	2°38	0°52	11° 1	12°35	25°19	21°17	S 25
S 26	8 20 17	5°24'40	27°18	24°20	22°47	3°52	16°48	17°32	28°39	2°38	0°51	10°56	12°31	25°26	21°22	S 26
M27	8 24 14	6°25'47	12♂28	25°53	24° 2	4°37	17° 1	17°39	28°38	2°39	0°50	10°52	12°28	25°32	21°26	M27
T 28	8 28 10	7°26'53	27°39	27°27	25°17	5°21	17°15	17°46	28°38	2°39	0°49	10°49	12°25	25°39	21°31	T 28
W29	8 32 7	8°27'59	12♂40	29° 2	26°32	6° 6	17°28	17°53	28°37	2°40	0°47	10°D49	12°22	25°45	21°36	W29
T 30	8 36 3	9°29'04	27°25	0♂37	27°47	6°51	17°41	18° 0	28°37	2°40	0°46	10°50	12°19	25°52	21°41	T 30
F 31	8 40 0	10♂30'08	11♂48	2♂12	29♂ 2	7♂35	17♂55	18♂ 7	28♂37	2♂41	0♂45	10♂51	12♂16	25♂59	21♂45	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	22s59	10s53	0s47	21s 8	1n45	22s40	1s 2	6s37	0s52	22s46	0n 7	21s59	0n34	19n40	0s14	W 1
T 2	22 54	4 16	0n29	21 22	1 37	22 30	1 4	6 19	0 51	22 45	0 7	21 58	0 34	19 39	0 14	T 2
F 3	22 49	2n24	1 43	21 35	1 29	22 19	1 6	6 0	0 50	22 44	0 7	21 58	0 34	19 39	0 14	F 3
S 4	22 43	8 49	2 49	21 48	1 21	22 7	1 7	5 42	0 49	22 43	0 7	21 57	0 34	19 39	0 14	S 4
S 5	22 37	14 42	3 44	22 0	1 12	21 55	1 9	5 23	0 48	22 42	0 7	21 56	0 34	19 38	0 14	S 5
M 6	22 30	19 46	4 25	22 12	1 4	21 42	1 11	5 5	0 47	22 41	0 6	21 56	0 34	19 38	0 14	M 6
T 7	22 23	23 49	4 53	22 23	0 56	21 28	1 12	4 46	0 45	22 40	0 6	21 55	0 34	19 38	0 14	T 7
W 8	22 16	26 38	5 5	22 33	0 47	21 14	1 14	4 27	0 44	22 39	0 6	21 54	0 34	19 38	0 14	W 8
T 9	22 8	28 4	5 2	22 42	0 39	20 59	1 15	4 9	0 43	22 37	0 6	21 53	0 34	19 37	0 14	T 9
F 10	22 0 28	3 4	4 44	22 50	0 31	20 44	1 17	3 50	0 42	22 36	0 6	21 53	0 34	19 37	0 14	F 10
S 11	21 51	26 39	4 14	22 57	0 23	20 27	1 18	3 31	0 41	22 35	0 6	21 52	0 34	19 37	0 14	S 11
S 12	21 42	24 1	3 33	23 3	0 15	20 11	1 20	3 13	0 40	22 33	0 6	21 51	0 33	19 36	0 14	S 12
M13	21 32	20 22	2 42	23 8	0 7	19 53	1 21	2 54	0 39	22 32	0 6	21 50	0 33	19 36	0 14	M13
T 14	21 22	15 55	1 45	23 13	0s 0	19 35	1 22	2 35	0 37	22 31	0 6	21 50	0 33	19 36	0 14	T 14
W15	21 12	10 55	0 43	23 15	0 8	19 17	1 23	2 17	0 36	22 30	0 6	21 49	0 33	19 36	0 14	W15
T 16	21 1	5 32	0s21	23 17	0 15	18 58	1 24	1 58	0 35	22 28	0 6	21 48	0 33	19 36	0 14	T 16
F 17	20 49	0s 4	1 24	23 18	0 22	18 38	1 25	1 39	0 34	22 27	0 6	21 47	0 33	19 35	0 14	F 17
S 18	20 38	5 43	2 24	23 17	0 29	18 18	1 26	1 20	0 33	22 25	0 5	21 46	0 33	19 35	0 14	S 18
S 19	20 26	11 16	3 19	23 15	0 36	17 57	1 27	1 2	0 32	22 24	0 5	21 46	0 33	19 35	0 14	S 19
M20	20 13	16 30	4 6	23 12	0 43	17 36	1 28	0 43	0 31	22 22	0 5	21 45	0 33	19 35	0 14	M20
T 21	20 1	21 10	4 42	23 8	0 49	17 15	1 29	0 24	0 30	22 21	0 5	21 44	0 33	19 35	0 14	T 21
W22	19 47	24 57	5 5	23 3	0 56	16 52	1 30	0 5	0 29	22 19	0 5	21 43	0 33	19 34	0 14	W22
T 23	19 34	27 28	5 11	22 56	1 2	16 30	1 30	0n13	0 28	22 18	0 5	21 42	0 33	19 34	0 13	T 23
F 24	19 20	28 18	4 58	22 48	1 8	16 7	1 31	0 32	0 27	22 16	0 5	21 42	0 33	19 34	0 13	F 24
S 25	19 5	27 12	4 26	22 38	1 13	15 43	1 32	0 51	0 26	22 15	0 5	21 41	0 33	19 34	0 13	S 25
S 26	18 51	24 8	3 35	22 28	1 19	15 19	1 32	1 9	0 25	22 13	0 5	21 40	0 33	19 34	0 13	S 26
M27	18 36	19 23	2 29	22 16	1 24	14 55	1 32	1 28	0 24	22 12	0 5	21 39	0 33	19 34	0 13	M27
T 28	18 20	13 22	1 11	22 3	1 29	14 30	1 33	1 47	0 23	22 10	0 5	21 38	0 33	19 34	0 13	T 28
W29	18 5	6 37	0n10	21 48	1 33	14 5	1 33	2 5	0 22	22 9	0 4	21 37	0 33	19 34	0 13	W29
T 30	17 49	0n21	1 30	21 32	1 38	13 39	1 33	2 24	0 20	22 7	0 4	21 37	0 32	19 34	0 13	T 30
F 31	17s32	7n 8	2n42	21s15	1s42	13s13	1s33	2n42	0s19	22s 5	0n 4	21s36	0n32	19n34	0s13	F 31

Julian Day Number = 2705753.5, Delta T = 26m56s

Ecliptic obliquity = 23°21'04, Nutation = 0°00'05

Ayanamsha: Fagan/Bradley = 34°28'38, Lahiri = 33°35'38

## ASTRODIENST EPHEMERIS for the year 2696

FEBRUARY 2696

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 43 57	11 <sup>31</sup> 12	25 <sup>47</sup> 47	3 <sup>48</sup> 48	0 <sup>17</sup> 17	8 <sup>20</sup> 20	18 <sup>3</sup> 8	18 <sup>3</sup> 13	28 <sup>36</sup> R36	2 <sup>42</sup> 42	0 <sup>43</sup> R43	10 <sup>53</sup> 53	12 <sup>12</sup> 12	26 <sup>5</sup> 5	21 <sup>50</sup> 50	S 1
S 2	8 47 53	12 <sup>32</sup> 14	9 <sup>21</sup> 21	5 <sup>25</sup> 25	1 <sup>32</sup> 32	9 <sup>5</sup> 5	18 <sup>21</sup> 21	18 <sup>20</sup> 20	28 <sup>36</sup> 36	2 <sup>42</sup> 42	0 <sup>42</sup> 42	10 <sup>53</sup> R53	12 <sup>9</sup> 9	26 <sup>12</sup> 12	21 <sup>55</sup> 55	S 2
M 3	8 51 50	13 <sup>33</sup> 16	22 <sup>34</sup> 34	7 <sup>2</sup> 2	2 <sup>48</sup> 48	9 <sup>49</sup> 49	18 <sup>34</sup> 34	18 <sup>27</sup> 27	28 <sup>36</sup> 36	2 <sup>43</sup> 43	0 <sup>41</sup> 41	10 <sup>53</sup> 53	12 <sup>6</sup> 6	26 <sup>19</sup> 19	21 <sup>59</sup> 59	M 3
T 4	8 55 46	14 <sup>34</sup> 16	5 <sup>26</sup> 26	8 <sup>40</sup> 40	4 <sup>2</sup> 2	10 <sup>34</sup> 34	18 <sup>47</sup> 47	18 <sup>33</sup> 33	28 <sup>36</sup> 36	2 <sup>44</sup> 44	0 <sup>39</sup> 39	10 <sup>52</sup> 52	12 <sup>3</sup> 3	26 <sup>25</sup> 25	22 <sup>4</sup> 4	T 4
W 5	8 59 43	15 <sup>35</sup> 16	18 <sup>2</sup> 2	10 <sup>18</sup> 18	5 <sup>17</sup> 17	11 <sup>18</sup> 18	19 <sup>0</sup> 0	18 <sup>40</sup> 40	28 <sup>36</sup> 36	2 <sup>45</sup> 45	0 <sup>38</sup> 38	10 <sup>49</sup> 49	12 <sup>0</sup> 0	26 <sup>32</sup> 32	22 <sup>9</sup> 9	W 5
T 6	9 3 39	16 <sup>36</sup> 15	0 <sup>24</sup> 24	11 <sup>57</sup> 57	6 <sup>32</sup> 32	12 <sup>3</sup> 3	19 <sup>13</sup> 13	18 <sup>46</sup> 46	28 <sup>36</sup> D36	2 <sup>45</sup> 45	0 <sup>36</sup> 36	10 <sup>45</sup> 45	11 <sup>57</sup> 57	26 <sup>39</sup> 39	22 <sup>14</sup> 14	T 6
F 7	9 7 36	17 <sup>37</sup> 13	12 <sup>35</sup> 35	13 <sup>37</sup> 37	7 <sup>47</sup> 47	12 <sup>47</sup> 47	19 <sup>26</sup> 26	18 <sup>53</sup> 53	28 <sup>36</sup> 36	2 <sup>46</sup> 46	0 <sup>35</sup> 35	10 <sup>41</sup> 41	11 <sup>53</sup> 53	26 <sup>45</sup> 45	22 <sup>19</sup> 19	F 7
S 8	9 11 32	18 <sup>38</sup> 09	24 <sup>37</sup> 37	15 <sup>17</sup> 17	9 <sup>2</sup> 2	13 <sup>32</sup> 32	19 <sup>39</sup> 39	18 <sup>59</sup> 59	28 <sup>36</sup> 36	2 <sup>47</sup> 47	0 <sup>34</sup> 34	10 <sup>37</sup> 37	11 <sup>50</sup> 50	26 <sup>52</sup> 52	22 <sup>23</sup> 23	S 8
S 9	9 15 29	19 <sup>39</sup> 05	6 <sup>23</sup> 23	16 <sup>58</sup> 58	10 <sup>17</sup> 17	14 <sup>16</sup> 16	19 <sup>52</sup> 52	19 <sup>6</sup> 6	28 <sup>36</sup> 36	2 <sup>48</sup> 48	0 <sup>32</sup> 32	10 <sup>34</sup> 34	11 <sup>47</sup> 47	26 <sup>59</sup> 59	22 <sup>28</sup> 28	S 9
M10	9 19 26	20 <sup>40</sup> 00	18 <sup>23</sup> 23	18 <sup>40</sup> 40	11 <sup>32</sup> 32	15 <sup>0</sup> 0	20 <sup>5</sup> 5	19 <sup>12</sup> 12	28 <sup>36</sup> 36	2 <sup>49</sup> 49	0 <sup>31</sup> 31	10 <sup>31</sup> 31	11 <sup>44</sup> 44	27 <sup>5</sup> 5	22 <sup>33</sup> 33	M10
T 11	9 23 22	21 <sup>40</sup> 54	0 <sup>12</sup> 12	20 <sup>22</sup> 22	12 <sup>47</sup> 47	15 <sup>45</sup> 45	20 <sup>18</sup> 18	19 <sup>19</sup> 19	28 <sup>36</sup> 36	2 <sup>50</sup> 50	0 <sup>29</sup> 29	10 <sup>30</sup> 30	11 <sup>41</sup> 41	27 <sup>12</sup> 12	22 <sup>38</sup> 38	T 11
W12	9 27 19	22 <sup>41</sup> 47	12 <sup>0</sup> 0	22 <sup>5</sup> 5	14 <sup>2</sup> 2	16 <sup>29</sup> 29	20 <sup>30</sup> 30	19 <sup>25</sup> 25	28 <sup>37</sup> 37	2 <sup>51</sup> 51	0 <sup>28</sup> 28	10 <sup>29</sup> D29	11 <sup>37</sup> 37	27 <sup>19</sup> 19	22 <sup>43</sup> 43	W12
T 13	9 31 15	23 <sup>42</sup> 39	23 <sup>49</sup> 49	23 <sup>49</sup> 49	15 <sup>16</sup> 16	17 <sup>13</sup> 13	20 <sup>43</sup> 43	19 <sup>31</sup> 31	28 <sup>37</sup> 37	2 <sup>52</sup> 52	0 <sup>26</sup> 26	10 <sup>30</sup> 30	11 <sup>34</sup> 34	27 <sup>25</sup> 25	22 <sup>47</sup> 47	T 13
F 14	9 35 12	24 <sup>43</sup> 30	5 <sup>24</sup> 24	25 <sup>33</sup> 33	16 <sup>31</sup> 31	17 <sup>58</sup> 58	20 <sup>56</sup> 56	19 <sup>38</sup> 38	28 <sup>37</sup> 37	2 <sup>53</sup> 53	0 <sup>25</sup> 25	10 <sup>31</sup> 31	11 <sup>31</sup> 31	27 <sup>32</sup> 32	22 <sup>52</sup> 52	F 14
S 15	9 39 8	25 <sup>44</sup> 20	17 <sup>45</sup> 45	27 <sup>18</sup> 18	17 <sup>46</sup> 46	18 <sup>42</sup> 42	21 <sup>8</sup> 8	19 <sup>44</sup> 44	28 <sup>38</sup> 38	2 <sup>54</sup> 54	0 <sup>23</sup> 23	10 <sup>32</sup> 32	11 <sup>28</sup> 28	27 <sup>39</sup> 39	22 <sup>57</sup> 57	S 15
S 16	9 43 5	26 <sup>45</sup> 10	29 <sup>57</sup> 57	29 <sup>4</sup> 4	19 <sup>0</sup> 0	19 <sup>26</sup> 26	21 <sup>21</sup> 21	19 <sup>50</sup> 50	28 <sup>38</sup> 38	2 <sup>55</sup> 55	0 <sup>22</sup> 22	10 <sup>34</sup> 34	11 <sup>25</sup> 25	27 <sup>45</sup> 45	23 <sup>2</sup> 2	S 16
M17	9 47 1	27 <sup>45</sup> 58	12 <sup>25</sup> 25	0 <sup>50</sup> 50	20 <sup>15</sup> 15	20 <sup>10</sup> 10	21 <sup>33</sup> 33	19 <sup>56</sup> 56	28 <sup>39</sup> 39	2 <sup>56</sup> 56	0 <sup>21</sup> 21	10 <sup>35</sup> 35	11 <sup>22</sup> 22	27 <sup>52</sup> 52	23 <sup>6</sup> 6	M17
T 18	9 50 58	28 <sup>46</sup> 46	25 <sup>12</sup> 12	2 <sup>37</sup> 37	21 <sup>30</sup> 30	20 <sup>54</sup> 54	21 <sup>46</sup> 46	20 <sup>2</sup> 2	28 <sup>40</sup> 40	2 <sup>58</sup> 58	0 <sup>19</sup> 19	10 <sup>35</sup> R35	11 <sup>18</sup> 18	27 <sup>58</sup> 58	23 <sup>11</sup> 11	T 18
W19	9 54 55	29 <sup>47</sup> 33	8 <sup>21</sup> 21	4 <sup>25</sup> 25	22 <sup>44</sup> 44	21 <sup>39</sup> 39	21 <sup>58</sup> 58	20 <sup>8</sup> 8	28 <sup>40</sup> 40	2 <sup>59</sup> 59	0 <sup>18</sup> 18	10 <sup>35</sup> 35	11 <sup>15</sup> 15	28 <sup>5</sup> 5	23 <sup>16</sup> 16	W19
T 20	9 58 51	0 <sup>48</sup> 19	21 <sup>56</sup> 56	6 <sup>13</sup> 13	23 <sup>59</sup> 59	22 <sup>23</sup> 23	22 <sup>10</sup> 10	20 <sup>14</sup> 14	28 <sup>41</sup> 41	3 <sup>0</sup> 0	0 <sup>16</sup> 16	10 <sup>34</sup> 34	11 <sup>12</sup> 12	28 <sup>12</sup> 12	23 <sup>21</sup> 21	T 20
F 21	10 2 48	1 <sup>49</sup> 04	5 <sup>25</sup> 25	8 <sup>2</sup> 2	25 <sup>14</sup> 14	23 <sup>7</sup> 7	22 <sup>22</sup> 22	20 <sup>20</sup> 20	28 <sup>42</sup> 42	3 <sup>1</sup> 1	0 <sup>15</sup> 15	10 <sup>34</sup> 34	11 <sup>9</sup> 9	28 <sup>18</sup> 18	23 <sup>25</sup> 25	F 21
S 22	10 6 44	2 <sup>49</sup> 49	20 <sup>26</sup> 26	9 <sup>51</sup> 51	26 <sup>28</sup> 28	23 <sup>51</sup> 51	22 <sup>35</sup> 35	20 <sup>26</sup> 26	28 <sup>43</sup> 43	3 <sup>3</sup> 3	0 <sup>13</sup> 13	10 <sup>33</sup> 33	11 <sup>6</sup> 6	28 <sup>25</sup> 25	23 <sup>30</sup> 30	S 22
S 23	10 10 41	3 <sup>50</sup> 32	5 <sup>26</sup> 26	11 <sup>40</sup> 40	27 <sup>43</sup> 43	24 <sup>35</sup> 35	22 <sup>47</sup> 47	20 <sup>32</sup> 32	28 <sup>43</sup> 43	3 <sup>4</sup> 4	0 <sup>12</sup> 12	10 <sup>32</sup> 32	11 <sup>3</sup> 3	28 <sup>32</sup> 32	23 <sup>35</sup> 35	S 23
M24	10 14 37	4 <sup>51</sup> 14	20 <sup>22</sup> 22	13 <sup>29</sup> 29	28 <sup>57</sup> 57	25 <sup>19</sup> 19	22 <sup>59</sup> 59	20 <sup>37</sup> 37	28 <sup>44</sup> 44	3 <sup>5</sup> 5	0 <sup>10</sup> 10	10 <sup>31</sup> 31	10 <sup>59</sup> 59	28 <sup>38</sup> 38	23 <sup>40</sup> 40	M24
T 25	10 18 34	5 <sup>51</sup> 54	5 <sup>36</sup> 36	15 <sup>19</sup> 19	0 <sup>11</sup> 11	26 <sup>3</sup> 3	23 <sup>10</sup> 10	20 <sup>43</sup> 43	28 <sup>45</sup> 45	3 <sup>7</sup> 7	0 <sup>9</sup> 9	10 <sup>31</sup> D31	10 <sup>56</sup> 56	28 <sup>45</sup> 45	23 <sup>44</sup> 44	T 25
W26	10 22 30	6 <sup>52</sup> 33	20 <sup>46</sup> 46	17 <sup>8</sup> 8	1 <sup>26</sup> 26	26 <sup>47</sup> 47	23 <sup>22</sup> 22	20 <sup>49</sup> 49	28 <sup>46</sup> 46	3 <sup>8</sup> 8	0 <sup>7</sup> 7	10 <sup>31</sup> 31	10 <sup>53</sup> 53	28 <sup>52</sup> 52	23 <sup>49</sup> 49	W26
T 27	10 26 27	7 <sup>53</sup> 11	5 <sup>45</sup> 45	18 <sup>57</sup> 57	2 <sup>40</sup> 40	27 <sup>30</sup> 30	23 <sup>34</sup> 34	20 <sup>54</sup> 54	28 <sup>47</sup> 47	3 <sup>10</sup> 10	0 <sup>6</sup> 6	10 <sup>31</sup> 31	10 <sup>50</sup> 50	28 <sup>58</sup> 58	23 <sup>54</sup> 54	T 27
F 28	10 30 24	8 <sup>53</sup> 47	20 <sup>24</sup> 24	20 <sup>45</sup> 45	3 <sup>55</sup> 55	28 <sup>14</sup> 14	23 <sup>46</sup> 46	21 <sup>0</sup> 0	28 <sup>49</sup> 49	3 <sup>11</sup> 11	0 <sup>5</sup> 5	10 <sup>31</sup> 31	10 <sup>47</sup> 47	29 <sup>5</sup> 5	23 <sup>58</sup> 58	F 28
S 29	10 34 20	9 <sup>54</sup> 22	4 <sup>39</sup> 39	22 <sup>32</sup> 32	5 <sup>9</sup> 9	28 <sup>15</sup> 15	23 <sup>57</sup> 57	21 <sup>3</sup> 3	28 <sup>50</sup> 50	3 <sup>13</sup> 13	0 <sup>4</sup> 4	10 <sup>32</sup> 32	10 <sup>43</sup> 43	29 <sup>12</sup> 12	24 <sup>3</sup> 3	S 29

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	lat
S 1	17s16	13n22	3n42	20s57	1s46	12s47	1s33	3n 1	0s18	22s 4	0n 4	21s35	0n32	19n34	0s13	10n49	1s38	19n40	9n 6	7s28
S 2	16 59	18 47	4 28	20 37	1 49	12 21	1 33	3 19	0 17	22 2	0 4	21 34	0 32	19 34	0 13	10 50	1 38	19 41	9 6	7 27
M 3	16 42	23 9	4 58	20 16	1 52	11 54	1 33	3 37	0 16	22 0	0 4	21 33	0 32	19 33	0 13	10 50	1 38	19 42	9 6	7 27
T 4	16 24	26 16	5 13	19 53	1 55	11 26	1 33	3 56	0 16	21 58	0 4	21 32	0 32	19 33	0 13	10 50	1 38	19 42	9 7	7 28
W 5	16 6	27 59	5 12	19 29	1 58	10 59	1 33	4 14	0 15	21 57	0 4	21 32	0 32	19 33	0 13	10 50	1 38	19 43	9 7	7 29
T 6	15 48	28 17	4 56	19 4	2 0	10 31	1 33	4 32	0 14	21 55	0 4	21 31	0 32	19 34	0 13	10 51	1 38	19 44	9 7	7 31
F 7	15 30	27 11	4 27	18 37	2 2	10 3	1 32	4 50	0 13	21 53	0 4	21 30	0 32	19 34	0 13	10 51	1 38	19 44	9 7	7 32
S 8	15 11	24 50	3 47	18 10	2 4	9 34	1 32	5 8	0 12	21 52	0 4	21 29	0 32	19 34	0 13	10 51	1 38	19 45	9 7	7 34
S 9	14 52	21 25	2 57	17 40	2 5	9 6	1 31	5 26	0 11	21 50	0 3	21 28	0 32	19 34	0 13	10 52	1 38	19 45	9 7	7 35
M10	14 33	17 9	1 59	17 10	2 6	8 37	1 31	5 44	0 10	21 48	0 3	21 27	0 32	19 34	0 13	10 52	1 38	19 46	9 7	7 36
T 11	14 14	12 15	0 57	16 38	2 6	8 8	1 30	6 2	0 9	21 46	0 3	21 26	0 32	19 34	0 13	10 53	1 38	19 47	9 7	7 36
W12	13 54	6 55	0s 8	16 5	2 6	7 38	1 30	6 20	0 8	21 44	0 3	21 26	0 32	19 34	0 13	10 53	1 38	19 47	9 8	7 36
T 13	13 34	1 20	1 13	15 30	2 5	7 9	1 29	6 38	0 7	21 43	0 3	21 25	0 32	19 34	0 13	10 53	1 38	19 48	9 8	7 36
F 14	13 14	4s20	2 15	14 55	2 5	6 39	1 28	6 56	0 6	21 41	0 3	21 24	0 32	19 34	0 13	10 54	1 38	19 49	9 8	7 36
S 15	12 54	9 54	3 12	14 17	2 3	6 9	1 27	7 13	0 5	21 39	0 3	21 23	0 32	19 34	0 13	10 54	1 38	19 49	9 8	7 35
S 16	12 33	15 11	4 1	13 39	2 1	5 39	1 26	7 31	0 4	21 37	0 3	21 22	0 32	19 34	0 13	10 55	1 38	19 50	9 8	7 35
M17	12 12	19 57	4 40	12 59	1 59	5 9	1 25	7 48	0 3	21 35	0 3	21 21	0 32	19 34	0 13	10 55	1 38	19 50	9 8	7 34
T 18	11 51	23 57	5 6	12 18	1 56	4 39	1 24	8 6	0 2	21 33	0 3	21 20	0 32	19 35	0 13	10 55	1 38	19 51	9 8	7 34
W19	11 30	26 50	5 17	11 36	1 53	4 8	1 23	8 23	0 2	21 31	0 3	21 20	0 32	19 35	0 13	10 56	1 38	19 52	9 8	7 34
T 20	11 9	28 17	5 11	10 53	1 49	3 38	1 21	8 40	0 1	21 30	0 2	21 19	0 32	19 35	0 13	10 56	1 37	19 52	9 8	7 34
F 21	10 47	28 0	4 47	10 8	1 44	3 7	1 20	8 57	0n 0	21 28	0 2	21 18	0 31	19 35	0 13	10 57	1 37	19 53	9 8	7 35

## ASTRODIENST EPHEMERIS for the year 2696

MARCH 2696

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 38 17	10°54'55	18°26	24°18	6°23	29°42	24°39	21°11	28°51	3°14	0°R 2	10°R32	10°40	29°18	24°8	S 1
M 2	10 42 13	11°55'26	1°46	26° 3	7°37	0°26	24°20	21°16	28°52	3°16	0°0	10°31	10°37	29°25	24°12	M 2
T 3	10 46 10	12°55'55	14°42	27°45	8°51	1° 9	24°32	21°21	28°54	3°17	29°59	10°D31	10°34	29°32	24°17	T 3
W 4	10 50 6	13°56'22	27°16	29°25	10° 6	1°53	24°43	21°27	28°55	3°19	29°57	10°32	10°31	29°38	24°21	W 4
T 5	10 54 3	14°56'48	9°33	1°1	11°20	2°37	24°54	21°32	28°56	3°21	29°56	10°32	10°28	29°45	24°26	T 5
F 6	10 57 59	15°57'12	21°37	2°34	12°34	3°20	25° 5	21°37	28°58	3°22	29°55	10°32	10°24	29°51	24°31	F 6
S 7	11 1 56	16°57'34	3°23	4° 3	13°48	4° 4	25°16	21°42	28°59	3°24	29°53	10°33	10°21	29°58	24°35	S 7
S 8	11 5 53	17°57'54	15°21	5°27	15° 2	4°47	25°27	21°47	29° 1	3°26	29°52	10°34	10°18	0°0	24°39	S 8
M 9	11 9 49	18°58'12	27° 8	6°45	16°15	5°31	25°38	21°52	29° 3	3°27	29°51	10°34	10°15	0°11	24°44	M 9
T 10	11 13 46	19°58'29	8°56	7°58	17°29	6°14	25°49	21°57	29° 4	3°29	29°49	10°R35	10°12	0°18	24°48	T 10
W 11	11 17 42	20°58'43	20°47	9° 4	18°43	6°57	25°59	22° 1	29° 6	3°31	29°48	10°35	10° 9	0°25	24°53	W 11
T 12	11 21 39	21°58'56	2°44	10° 2	19°57	7°41	26°10	22° 6	29° 8	3°33	29°47	10°34	10° 5	0°31	24°57	T 12
F 13	11 25 35	22°59'08	14°47	10°52	21°11	8°24	26°20	22°11	29°10	3°34	29°45	10°32	10° 2	0°38	25° 2	F 13
S 14	11 29 32	23°59'17	27° 0	11°35	22°24	9° 7	26°30	22°15	29°11	3°36	29°44	10°30	9°59	0°45	25° 6	S 14
S 15	11 33 28	24°59'25	9°23	12° 8	23°38	9°51	26°41	22°20	29°13	3°38	29°43	10°28	9°56	0°51	25°10	S 15
M 16	11 37 25	25°59'32	22° 0	12°33	24°51	10°34	26°51	22°24	29°15	3°40	29°41	10°26	9°53	0°58	25°14	M 16
T 17	11 41 21	26°59'37	4°51	12°49	26° 5	11°17	27° 1	22°28	29°17	3°42	29°40	10°24	9°49	1° 5	25°19	T 17
W 18	11 45 18	27°59'40	18° 1	12°R55	27°18	12° 0	27°11	22°33	29°19	3°44	29°39	10°23	9°46	1°11	25°23	W 18
T 19	11 49 15	28°59'42	1°29	12°53	28°32	12°43	27°21	22°37	29°21	3°46	29°38	10°D23	9°43	1°18	25°27	T 19
F 20	11 53 11	29°59'43	15°19	12°41	29°45	13°26	27°30	22°41	29°23	3°48	29°36	10°24	9°40	1°25	25°31	F 20
S 21	11 57 8	0°59'42	29°29	12°21	0°58	14° 9	27°40	22°45	29°25	3°50	29°35	10°25	9°37	1°31	25°35	S 21
S 22	12 1 4	1°59'39	14°0	11°53	2°12	14°52	27°49	22°49	29°28	3°52	29°34	10°26	9°34	1°38	25°39	S 22
M 23	12 5 1	2°59'35	28°47	11°18	3°25	15°35	27°59	22°53	29°30	3°54	29°33	10°27	9°30	1°44	25°43	M 23
T 24	12 8 57	3°59'28	13°44	10°36	4°38	16°18	28° 8	22°56	29°32	3°56	29°32	10°R28	9°27	1°51	25°47	T 24
W 25	12 12 54	4°59'20	28°45	9°50	5°51	17° 1	28°17	23° 0	29°34	3°58	29°30	10°27	9°24	1°58	25°51	W 25
T 26	12 16 50	5°59'10	13°41	8°59	7° 4	17°44	28°26	23° 4	29°37	4° 0	29°29	10°24	9°21	2° 4	25°55	T 26
F 27	12 20 47	6°58'58	28°23	8° 5	8°17	18°26	28°35	23° 7	29°39	4° 2	29°28	10°21	9°18	2°11	25°59	F 27
S 28	12 24 44	7°58'45	12°45	7° 9	9°30	19° 9	28°44	23°10	29°42	4° 4	29°27	10°17	9°14	2°18	26° 3	S 28
S 29	12 28 40	8°58'29	26°41	6°13	10°43	19°52	28°52	23°14	29°44	4° 6	29°26	10°13	9°11	2°24	26° 7	S 29
M 30	12 32 37	9°58'11	10°10	5°17	11°55	20°34	29° 1	23°17	29°46	4° 8	29°25	10° 9	9° 8	2°31	26°11	M 30
T 31	12 36 33	10°57'50	23°12	4°24	13° 8	21°17	29°39	23°20	29°49	4°10	29°24	10° 6	9° 5	2°38	26°14	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	7s27	21n58	4n55	2s48	0s35	1n32	1s 5	11n27	0n 8	21s11	0n 2	21s11	0n31	19n37	0s13	S 1
M 2	7 4	25 34	5 14	1 57	0 25	2 3	1 3	11 43	0 9	21 9	0 1	21 10	0 31	19 38	0 13	M 2
T 3	6 41	27 44	5 17	1 6	0 13	2 34	1 1	11 59	0 9	21 7	0 1	21 9	0 31	19 38	0 13	T 3
W 4	6 18	28 24	5 5	0 15	0 1	3 5	0 59	12 15	0 10	21 5	0 1	21 8	0 31	19 38	0 13	W 4
T 5	5 55	27 38	4 38	0n35	0n12	3 36	0 57	12 30	0 11	21 3	0 1	21 8	0 31	19 39	0 13	T 5
F 6	5 31	25 34	4 0	1 24	0 25	4 6	0 55	12 46	0 12	21 1	0 1	21 7	0 31	19 39	0 13	F 6
S 7	5 8	22 24	3 12	2 11	0 38	4 37	0 52	13 1	0 12	20 59	0 1	21 6	0 31	19 39	0 13	S 7
S 8	4 44	18 20	2 16	2 57	0 52	5 8	0 50	13 17	0 13	20 57	0 1	21 5	0 31	19 40	0 13	S 8
M 9	4 21	13 35	1 14	3 41	1 6	5 38	0 48	13 32	0 14	20 56	0 1	21 5	0 31	19 40	0 13	M 9
T 10	3 57	8 20	0 9	4 23	1 20	6 9	0 45	13 47	0 15	20 54	0 1	21 4	0 31	19 40	0 13	T 10
W 11	3 34	2 46	0s56	5 2	1 35	6 39	0 43	14 2	0 16	20 52	0 1	21 3	0 31	19 41	0 13	W 11
T 12	3 10	2s55	2 0	5 38	1 49	7 9	0 40	14 17	0 16	20 50	0 1	21 2	0 31	19 41	0 13	T 12
F 13	2 46	8 33	2 59	6 10	2 3	7 39	0 38	14 31	0 17	20 48	0 0	21 2	0 31	19 42	0 12	F 13
S 14	2 23	13 56	3 50	6 39	2 16	8 9	0 35	14 46	0 18	20 46	0 0	21 1	0 31	19 42	0 12	S 14
S 15	1 59	18 51	4 31	7 4	2 29	8 38	0 33	15 0	0 18	20 44	0 0	21 0	0 31	19 42	0 12	S 15
M 16	1 35	23 2	5 0	7 25	2 42	9 8	0 30	15 14	0 19	20 43	0 0	21 0	0 31	19 43	0 12	M 16
T 17	1 11	26 11	5 15	7 42	2 53	9 37	0 27	15 28	0 20	20 41	0 0	20 59	0 31	19 43	0 12	T 17
W 18	0 48	28 1	5 13	7 54	3 3	10 6	0 24	15 42	0 21	20 39	0s 0	20 58	0 31	19 44	0 12	W 18
T 19	0 24	28 16	4 55	8 1	3 12	10 35	0 22	15 56	0 21	20 37	0 0	20 58	0 31	19 44	0 12	T 19
F 20	0 0	26 46	4 19	8 3	3 20	11 3	0 19	16 10	0 22	20 35	0 0	20 57	0 31	19 45	0 12	F 20
S 21	0n24	23 34	3 27	8 1	3 26	11 31	0 16	16 23	0 23	20 34	0 0	20 56	0 31	19 45	0 12	S 21
S 22	0 47	18 49	2 21	7 54	3 30	11 59	0 13	16 37	0 23	20 32	0 1	20 56	0 31	19 46	0 12	S 22
M 23	1 11	12 51	1 4	7 43	3 32	12 27	0 10	16 50	0 24	20 30	0 1	20 55	0 30	19 46	0 12	M 23
T 24	1 35	6 6	0n18	7 27	3 33	12 54	0 7	17 3	0 25	20 28	0 1	20 55	0 30	19 47	0 12	T 24
W 25	1 59	1n 1	1 39	7 7	3 31	13 22	0 4	17 16	0 25	20 27	0 1	20 54	0 30	19 47	0 12	W 25
T 26	2 22	8 2	2 53	6 44	3 28	13 48	0 1	17 28	0 26	20 25	0 1	20 53	0 30	19 48	0 12	T 26
F 27	2 46	14 30	3 54	6 18	3 22	14 15	0n 2	17 41	0 27	20 23	0 1	20 53	0 30	19 48	0 12	F 27
S 28	3 9	20 1	4 38	5 49	3 15	14 41	0 5	17 53	0 27	20 22	0 1	20 52	0 30	19 49	0 12	S 28
S 29	3 33	24 17	5 5	5 19	3 6	15 7	0 8	18 5	0 28	20 20	0 1	20 52	0 30	19 49	0 12	S 29
M 30	3 56	27 4	5 14	4 47	2 56	15 32	0 11	18 17	0 28	20 18	0 1	20 51	0 30	19 50	0 12	M 30
T 31	4n19	28n16	5n 5	4n15	2n44	15n57	0n15	18n29	0n29	20s17	0s 1	20s51	0n30	19n50	0s12	T 31

Julian Day Number = 2705813.5, Delta T = 26m57s

Ecliptic obliquity = 23°21'05, Nutation = 0°00'06

Ayanamsha: Fagan/Bradley = 34°28'46, Lahiri = 33°35'46

## ASTRODIENST EPHEMERIS for the year 2696

APRIL 2696

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 40 30	11°57'28	5°50	3°R33	14°8'21	22°8'0	29°3'17	23°3'23	29°8'52	4°8'12	29°R23	10°R 5	9°H 2	2°M44	26°18	W 1
T 2	12 44 26	12°57'03	18° 9	2°Y46	15°33	22°42	29°25	23°26	29°54	4°14	29°R22	10°D 5	8°59	2°51	26°22	T 2
F 3	12 48 23	13°56'36	0°12	2° 3	16°46	23°25	29°33	23°29	29°57	4°17	29°21	10°H 6	8°55	2°58	26°25	F 3
S 4	12 52 19	14°56'07	12° 5	1°25	17°58	24° 7	29°41	23°32	29°59	4°19	29°20	10° 8	8°52	3° 4	26°29	S 4
S 5	12 56 16	15°55'35	23°52	0°52	19°11	24°49	29°49	23°35	0°II 2	4°21	29°19	10° 9	8°49	3°11	26°32	S 5
M 6	13 0 13	16°55'01	5°M39	0°25	20°23	25°32	29°56	23°37	0° 5	4°23	29°18	10°R10	8°46	3°18	26°36	M 6
T 7	13 4 9	17°54'25	17°29	0° 4	21°35	26°14	0°4 4	23°40	0° 8	4°25	29°17	10°10	8°43	3°24	26°39	T 7
W 8	13 8 6	18°53'47	29°26	29°H49	22°47	26°56	0°11	23°42	0°10	4°27	29°16	10° 8	8°40	3°31	26°43	W 8
T 9	13 12 2	19°53'06	11°31	29°39	23°59	27°39	0°18	23°45	0°13	4°30	29°16	10° 5	8°36	3°37	26°46	T 9
F 10	13 15 59	20°52'24	23°48	29°D36	25°11	28°21	0°25	23°47	0°16	4°32	29°15	9°59	8°33	3°44	26°49	F 10
S 11	13 19 55	21°51'40	6°M17	29°38	26°23	29° 3	0°32	23°49	0°19	4°34	29°14	9°52	8°30	3°51	26°53	S 11
S 12	13 23 52	22°50'53	18°58	29°46	27°35	29°45	0°38	23°51	0°22	4°36	29°13	9°44	8°27	3°57	26°56	S 12
M13	13 27 48	23°50'05	1°M52	29°58	28°47	0°II27	0°45	23°53	0°25	4°38	29°12	9°37	8°24	4° 4	26°59	M13
T 14	13 31 45	24°49'16	14°59	0°Y16	29°58	1° 9	0°51	23°55	0°28	4°41	29°12	9°30	8°20	4°11	27° 2	T 14
W15	13 35 42	25°48'24	28°19	0°39	1°II10	1°51	0°58	23°57	0°31	4°43	29°11	9°25	8°17	4°17	27° 5	W15
T 16	13 39 38	26°47'31	11°35	1° 6	2°21	2°33	1° 4	23°58	0°34	4°45	29°10	9°22	8°14	4°24	27° 8	T 16
F 17	13 43 35	27°46'36	25°38	1°38	3°33	3°15	1° 9	24° 0	0°37	4°47	29°10	9°D21	8°11	4°31	27°11	F 17
S 18	13 47 31	28°45'39	9°M38	2°14	4°44	3°57	1°15	24° 1	0°40	4°50	29° 9	9°21	8° 8	4°37	27°14	S 18
S 19	13 51 28	29°44'40	23°51	2°54	5°55	4°38	1°21	24° 3	0°43	4°52	29° 8	9°22	8° 5	4°44	27°17	S 19
M20	13 55 24	0°8'43'40	8°H16	3°37	7° 6	5°20	1°26	24° 4	0°46	4°54	29° 8	9°R23	8° 1	4°51	27°19	M20
T 21	13 59 21	1°42'38	22°49	4°25	8°18	6° 2	1°32	24° 5	0°49	4°57	29° 7	9°22	7°58	4°57	27°22	T 21
W22	14 3 17	2°41'34	7°Y28	5°15	9°29	6°44	1°37	24° 6	0°52	4°59	29° 7	9°19	7°55	5° 4	27°25	W22
T 23	14 7 14	3°40'29	22° 4	6° 9	10°39	7°25	1°42	24° 7	0°55	5° 1	29° 6	9°14	7°52	5°10	27°27	T 23
F 24	14 11 11	4°39'21	6°B32	7° 5	11°50	8° 7	1°46	24° 8	0°59	5° 3	29° 6	9° 6	7°49	5°17	27°30	F 24
S 25	14 15 7	5°38'12	20°45	8° 5	13° 1	8°49	1°51	24° 9	1° 2	5° 6	29° 5	8°57	7°46	5°24	27°32	S 25
S 26	14 19 4	6°37'00	4°II38	9° 7	14°12	9°30	1°55	24°10	1° 5	5° 8	29° 5	8°48	7°42	5°30	27°35	S 26
M27	14 23 0	7°35'47	18° 8	10°12	15°22	10°12	2° 0	24°10	1° 8	5°10	29° 5	8°39	7°39	5°37	27°37	M27
T 28	14 26 57	8°34'31	1°B12	11°20	16°32	10°53	2° 4	24°11	1°11	5°12	29° 4	8°31	7°36	5°44	27°39	T 28
W29	14 30 53	9°33'14	13°53	12°30	17°43	11°35	2° 8	24°11	1°15	5°15	29° 4	8°26	7°33	5°50	27°41	W29
T 30	14 34 50	10°31'54	26°B14	13°Y42	18°II53	12°II16	2°41	24°12	1°18	5°17	29°4 4	8°H23	7°H30	5°M57	27°44	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	4n43	27n56	4n43	3n43	2n31	16n22	0n18	18n41	0n30	20s15	0s 2	20s50	0n30	19n51	0s12	11n22
T 2	5 6	26 13	4 7	3 11	2 17	16 46	0 21	18 52	0 30	20 13	0 2	20 50	0 30	19 51	0 12	11 23
F 3	5 29	23 19	3 21	2 41	2 2	17 10	0 24	19 3	0 31	20 12	0 2	20 49	0 30	19 52	0 12	11 23
S 4	5 52	19 28	2 28	2 11	1 47	17 34	0 27	19 14	0 32	20 10	0 2	20 49	0 30	19 53	0 12	11 24
S 5	6 15	14 54	1 28	1 44	1 31	17 57	0 30	19 25	0 32	20 9	0 2	20 48	0 30	19 53	0 12	11 25
M 6	6 37	9 47	0 25	1 19	1 15	18 19	0 34	19 36	0 33	20 7	0 2	20 48	0 30	19 54	0 12	11 26
T 7	7 0	4 19	0s40	0 56	1 0	18 41	0 37	19 47	0 33	20 6	0 2	20 48	0 30	19 54	0 12	11 26
W 8	7 23	1s21	1 43	0 36	0 44	19 3	0 40	19 57	0 34	20 5	0 2	20 47	0 30	19 55	0 12	11 27
T 9	7 45	7 2	2 42	0 18	0 29	19 24	0 43	20 7	0 34	20 3	0 2	20 47	0 30	19 56	0 12	11 28
F 10	8 7	12 32	3 35	0 3	0 14	19 45	0 46	20 17	0 35	20 2	0 3	20 46	0 30	19 56	0 12	11 29
S 11	8 29	17 37	4 18	0s10	0s 1	20 5	0 50	20 27	0 36	20 0	0 3	20 46	0 30	19 57	0 12	11 29
S 12	8 51	22 1	4 49	0 20	0 15	20 24	0 53	20 37	0 36	19 59	0 3	20 46	0 30	19 57	0 12	11 30
M13	9 13	25 27	5 6	0 27	0 19	20 43	0 56	20 46	0 37	19 58	0 3	20 45	0 30	19 58	0 12	11 31
T 14	9 35	27 36	5 7	0 32	0 42	21 2	0 59	20 55	0 37	19 57	0 3	20 45	0 30	19 59	0 12	11 32
W15	9 56	28 13	4 52	0 34	0 54	21 20	1 2	21 4	0 38	19 55	0 3	20 45	0 30	19 59	0 12	11 32
T 16	10 18	27 9	4 21	0 34	1 6	21 38	1 5	21 13	0 38	19 54	0 3	20 45	0 30	20 0	0 12	11 33
F 17	10 39	24 26	3 34	0 32	1 17	21 54	1 9	21 22	0 39	19 53	0 3	20 44	0 30	20 1	0 12	11 34
S 18	11 0	20 14	2 33	0 27	1 27	22 11	1 12	21 30	0 39	19 52	0 4	20 44	0 30	20 1	0 12	11 35
S 19	11 20	14 50	1 23	0 20	1 37	22 27	1 15	21 38	0 40	19 51	0 4	20 44	0 30	20 2	0 12	11 35
M20	11 41	8 32	0 6	0 12	1 46	22 42	1 18	21 46	0 40	19 50	0 4	20 44	0 30	20 3	0 12	11 36
T 21	12 2	1 44	1n12	0 1	1 55	22 56	1 21	21 54	0 41	19 49	0 4	20 44	0 30	20 3	0 12	11 37
W22	12 22	5n10	2 25	0n12	2 3	23 10	1 24	22 2	0 41	19 48	0 4	20 43	0 30	20 4	0 12	11 38
T 23	12 42	11 47	3 29	0 26	2 10	23 24	1 27	22 9	0 42	19 47	0 4	20 43	0 30	20 4	0 12	11 38
F 24	13 2	17 42	4 18	0 42	2 17	23 36	1 30	22 17	0 42	19 46	0 4	20 43	0 30	20 5	0 12	11 39
S 25	13 21	22 32	4 50	1 0	2 23	23 48	1 33	22 24	0 43	19 45	0 4	20 43	0 30	20 6	0 12	11 40
S 26	13 41	25 58	5 4	1 20	2 28	24 0	1 35	22 30	0 43	19 44	0 5	20 43	0 30	20 6	0 12	11 41
M27	14 0	27 49	5 1	1 41	2 33	24 11	1 38	22 37	0 44	19 43	0 5	20 43	0 30	20 7	0 12	11 41
T 28	14 19	28 3	4 42	2 3	2 37	24 21	1 41	22 43	0 44	19 42	0 5	20 43	0 30	20 8	0 12	11 42
W29	14 37	26 46	4 9	2 27	2 41	24 30	1 44	22 50	0 45	19 42	0 5	20 43	0 29	20 9	0 12	11 43
T 30	14n56	24n11	3n26	2n52	2s44	24n39	1n46	22n55	0n45	19s41	0s 5	20s43	0n29	20n 9	0s12	11n44

Julian Day Number = 2705844.5, Delta T = 26m57s

Ecliptic obliquity = 23°21'05, Nutation = 0°00'06

Ayanamsha: Fagan/Bradley = 34°28'50, Lahiri = 33°35'50

## ASTRODIENST EPHEMERIS for the year 2696

MAY 2696

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14 38 46	11°30'32	8°18	14°57	20°11	12°57	2°15	24°12	1°21	5°19	29°R 3	8°D21	7°26	6°4	27°46	F 1
S 2	14 42 43	12°29'07	20°12	16°13	21°13	13°39	2°18	24°12	1°25	5°21	29°R 3	8°R22	7°23	6°10	27°48	S 2
S 3	14 46 40	13°27'41	2°0	17°32	22°23	14°20	2°21	24°R12	1°28	5°24	29° 3	8°22	7°20	6°17	27°50	S 3
M 4	14 50 36	14°26'12	13°48	18°53	23°33	15° 1	2°24	24°12	1°31	5°26	29° 3	8°R22	7°17	6°24	27°52	M 4
T 5	14 54 33	15°24'41	25°41	20°16	24°42	15°42	2°27	24°12	1°35	5°28	29° 3	8°21	7°14	6°30	27°54	T 5
W 6	14 58 29	16°23'08	7°43	21°41	25°52	16°23	2°30	24°11	1°38	5°30	29° 2	8°17	7°11	6°37	27°55	W 6
T 7	15 2 26	17°21'34	19°58	23° 8	27° 1	17° 4	2°32	24°11	1°42	5°33	29° 2	8°11	7° 7	6°43	27°57	T 7
F 8	15 6 22	18°19'57	2°18	24°37	28°10	17°45	2°35	24°10	1°45	5°35	29° 2	8° 2	7° 4	6°50	27°59	F 8
S 9	15 10 19	19°18'18	15°14	26° 8	29°20	18°27	2°37	24°10	1°48	5°37	29° 2	7°51	7° 1	6°57	28° 0	S 9
S 10	15 14 15	20°16'38	28°16	27°41	0°29	19° 7	2°39	24° 9	1°52	5°39	29°D 2	7°39	6°58	7° 3	28° 2	S 10
M11	15 18 12	21°14'56	11°33	29°15	1°37	19°48	2°40	24° 8	1°55	5°42	29° 2	7°27	6°55	7°10	28° 3	M11
T 12	15 22 9	22°13'12	25° 2	0°52	2°46	20°29	2°42	24° 8	1°59	5°44	29° 2	7°16	6°52	7°17	28° 5	T 12
W13	15 26 5	23°11'27	8°34	2°30	3°55	21°10	2°43	24° 7	2° 2	5°46	29° 2	7° 8	6°48	7°23	28° 6	W13
T 14	15 30 2	24° 9'40	22°31	4°10	5° 3	21°51	2°44	24° 6	2° 5	5°48	29° 2	7° 2	6°45	7°30	28° 8	T 14
F 15	15 33 58	25° 7'52	6°27	5°52	6°12	22°32	2°45	24° 4	2° 9	5°50	29° 2	6°59	6°42	7°37	28° 9	F 15
S 16	15 37 55	26° 6'03	20°28	7°36	7°20	23°13	2°46	24° 3	2°12	5°52	29° 3	6°58	6°39	7°43	28°10	S 16
S 17	15 41 51	27° 4'11	4°34	9°22	8°28	23°53	2°47	24° 2	2°16	5°55	29° 3	6°58	6°36	7°50	28°11	S 17
M18	15 45 48	28° 2'19	18°44	11° 9	9°36	24°34	2°47	24° 0	2°19	5°57	29° 3	6°58	6°32	7°57	28°12	M18
T 19	15 49 44	29° 0'25	2°57	12°59	10°43	25°15	2°47	23°59	2°23	5°59	29° 3	6°56	6°29	8° 3	28°13	T 19
W20	15 53 41	29°58'30	17°10	14°50	11°51	25°55	2°R47	23°57	2°26	6° 1	29° 4	6°52	6°26	8°10	28°14	W20
T 21	15 57 38	0°11'56'33	1°21	16°44	12°58	26°36	2°47	23°56	2°30	6° 3	29° 4	6°45	6°23	8°16	28°15	T 21
F 22	16 1 34	1°54'36	15°25	18°39	14° 6	27°16	2°47	23°54	2°33	6° 5	29° 4	6°35	6°20	8°23	28°15	F 22
S 23	16 5 31	2°52'36	29°17	20°36	15°13	27°57	2°46	23°52	2°37	6° 7	29° 4	6°23	6°17	8°30	28°16	S 23
S 24	16 9 27	3°50'36	12°54	22°35	16°20	28°37	2°46	23°50	2°40	6° 9	29° 5	6°11	6°13	8°36	28°17	S 24
M25	16 13 24	4°48'33	26°12	24°35	17°26	29°18	2°45	23°48	2°44	6°11	29° 5	5°59	6°10	8°43	28°17	M25
T 26	16 17 20	5°46'29	9°10	26°38	18°33	29°58	2°44	23°46	2°47	6°13	29° 6	5°48	6° 7	8°50	28°18	T 26
W27	16 21 17	6°44'24	21°47	28°42	19°39	0°39	2°42	23°44	2°51	6°16	29° 6	5°40	6° 4	8°56	28°18	W27
T 28	16 25 13	7°42'17	4°7	0°11'47	20°46	1°19	2°41	23°41	2°54	6°18	29° 7	5°35	6° 1	9° 3	28°19	T 28
F 29	16 29 10	8°40'08	16°11	2°55	21°52	1°59	2°39	23°39	2°58	6°20	29° 7	5°32	5°58	9°10	28°19	F 29
S 30	16 33 7	9°37'57	28° 5	5° 3	22°58	2°40	2°37	23°36	3° 1	6°21	29° 8	5°31	5°54	9°16	28°19	S 30
S 31	16 37 3	10°11'35'45	9°54	7°12	24°3	3°20	2°35	23°34	3°11	6°23	29°R 8	5°31	5°51	9°23	28°19	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	15n14	20n36	2n34	3n19	2s46	24n48	1n49	23n 1	0n45	19s40	0s 5	20s43	0n29	20n10	0s12	11n44	1s36	20n14	9n 3	8s24	8s45	9n22	6s22	6n13					
S 2	15 32	16 13	1 36	3 46	2 48	24 55	1 52	23 7	0 46	19 40	0 5	20 43	0 29	20 11	0 12	11 45	1 36	20 14	9 3	8 24	8 46	9 19	6 21	6 13					
S 3	15 49	11 15	0 34	4 15	2 49	25 2	1 54	23 12	0 46	19 39	0 5	20 43	0 29	20 11	0 12	11 46	1 36	20 13	9 3	8 24	8 47	9 16	6 20	6 14					
M 4	16 7	5 54	0s29	4 45	2 50	25 8	1 57	23 17	0 47	19 38	0 6	20 43	0 29	20 12	0 12	11 47	1 36	20 13	9 3	8 24	8 48	9 12	6 19	6 14					
T 5	16 24	0 19	1 31	5 16	2 50	25 14	1 59	23 22	0 47	19 38	0 6	20 43	0 29	20 13	0 12	11 47	1 36	20 13	9 2	8 25	8 49	9 9	6 18	6 14					
W 6	16 41	5s21	2 30	5 48	2 49	25 19	2 1	23 27	0 48	19 37	0 6	20 43	0 29	20 13	0 12	11 48	1 36	20 13	9 2	8 26	8 51	9 6	6 17	6 15					
T 7	16 57	10 54	3 22	6 21	2 48	25 23	2 4	23 31	0 48	19 37	0 6	20 43	0 29	20 14	0 12	11 49	1 36	20 13	9 2	8 28	8 52	9 3	6 16	6 15					
F 8	17 13	16 8	4 6	6 55	2 46	25 26	2 6	23 36	0 48	19 37	0 6	20 43	0 29	20 15	0 12	11 49	1 36	20 13	9 2	8 32	8 53	8 59	6 15	6 16					
S 9	17 29	20 47	4 39	7 30	2 44	25 29	2 8	23 40	0 49	19 36	0 6	20 43	0 29	20 15	0 12	11 50	1 36	20 13	9 2	8 36	8 54	8 56	6 14	6 16					
S 10	17 45	24 32	4 58	8 5	2 42	25 31	2 10	23 44	0 49	19 36	0 6	20 43	0 29	20 16	0 12	11 51	1 36	20 13	9 2	8 40	8 55	8 53	6 13	6 16					
M11	18 0	27 3	5 1	8 42	2 38	25 33	2 12	23 47	0 50	19 36	0 7	20 44	0 29	20 17	0 12	11 52	1 36	20 12	9 1	8 45	8 57	8 50	6 12	6 17					
T 12	18 15	28 3	4 47	9 19	2 35	25 33	2 14	23 51	0 50	19 36	0 7	20 44	0 29	20 17	0 12	11 52	1 36	20 12	9 1	8 48	8 58	8 46	6 11	6 17					
W13	18 30	27 21	4 17	9 56	2 30	25 33	2 16	23 54	0 50	19 35	0 7	20 44	0 29	20 18	0 12	11 53	1 36	20 12	9 1	8 52	8 59	8 43	6 10	6 17					
T 14	18 45	24 58	3 32	10 35	2 26	25 33	2 18	23 57	0 51	19 35	0 7	20 44	0 29	20 19	0 12	11 54	1 36	20 12	9 1	8 54	9 0	8 40	6 10	6 18					
F 15	18 59	21 5	2 34	11 13	2 20	25 32	2 19	24 0	0 51	19 35	0 7	20 44	0 29	20 20	0 12	11 54	1 36	20 12	9 1	8 55	9 1	8 36	6 9	6 18					
S 16	19 12	15 59	1 26	11 52	2 15	25 30	2 21	24 2	0 52	19 35	0 7	20 45	0 29	20 20	0 12	11 55	1 36	20 11	9 0	8 55	9 2	8 33	6 8	6 19					
S 17	19 26	10 0	0 13	12 32	2 8	25 27	2 23	24 4	0 52	19 35	0 7	20 45	0 29	20 21	0 12	11 56	1 36	20 11	9 0	8 55	9 4	8 30	6 7	6 19					
M18	19 39	3 29	1n 2	13 12	2 1	25 24	2 24	24 7	0 52	19 35	0 8	20 45	0 29	20 22	0 12	11 56	1 36	20 11	9 0	8 55	9 5	8 27	6 7	6 19					
T 19	19 52	3n12	2 13	13 52	1 54	25 20	2 25	24 9	0 53	19 35	0 8	20 46	0 29	20 22	0 12	11 57	1 36	20 11	9 0	8 56	9 6	8 23	6 6	6 20					
W20	20 4	9 44	3 15	14 32	1 47	25 16	2 27	24 10	0 53	19 35	0 8	20 46	0 29	20 23	0 12	11 58	1 36	20 10	9 0	8 58	9 7	8 20	6 5	6 20					
T 21	20 16	15 44	4 6	15 12	1 39	25 10	2 28	24 12	0 53	19 36	0 8	20 46	0 29	20 24	0 12	11 59	1 36	20 10	9 0	9 0	9 8	8 17	6 5	6 21					
F 22	20 28	20 52	4 40	15 52	1 30	25 5	2 29	24 13	0 54	19 36	0 8	20 47	0 29	20 24	0 12	11 59	1 36	20 10	8 59	9 4	9 9	8 13	6 4	6 21					
S 23	20 39	24 46	4 58	16 32	1 21	24 58	2 30	24 14	0 54	19 36	0 8	20 47	0 29	20 25	0 12	12 0	1 36	20 9	8 59	9 8	9 11	8 10	6 3	6 21					
S 24	20 50	27 12	4 58	17 11	1 12	24 51	2 31	24 15	0 54	19 36	0 8	20 47	0 29	20 26	0 12	12 0	1 36	20 9	8 59	9 13	9 12	8 7	6 3	6 22					
M25	21 1	28 0	4 42	17 50	1 2	24 43	2 31	24 16	0 55	19 37	0 9	20 48	0 29	20 26	0 12	12 1	1 36	20 9	8 59	9 17	9 13	8 4	6 2	6 22					
T 26	21 11	27 13	4 12	18 29	0 52	24 35	2 32	24 16	0 55	19 37	0 9	20 48	0 29	20 27	0 11	12 2	1 36	20 9	8 59	9 21	9 14	8 0	6 2	6 23					
W27	21 21	25 2	3 29	19 6	0 42	24 26	2 33	24 16	0 55	19 38	0 9	20 49	0 28	20 28	0 11	12 2	1 36	20 8	8 58	9 24	9 15	7 57	6 1	6 23					
T 28	21 31	21 43	2 38	19 43	0 32	24 17	2 33	24 16	0 56	19 38	0 9	20 49	0 28	20 28	0 11	12 3	1 36	20 8	8 58	9 26	9 16	7 54	6 1	6 23					
F 29	21 40	17 32	1 41	20 19	0 22	24 6	2 33	24 16	0 56	19 39	0 9	20 49	0 28	20 29	0 11	12 4	1 36	20 8	8 58	9 27	9 18	7 50	6 0	6 24					
S 30	21 49	12 43	0 39	20 53	0 11	23 56	2 34	24 16	0 56	19 39	0 9	20 50	0 28	20 30	0 11	12 4	1 36	20 7	8 58	9 27	9 19	7 47	6 0	6 24					
S 31	21n57	7n28	0s23	21n25	0s 1	23n45	2n34	24n15	0n57	19s40	0s 9	20s50	0n28	20n30	0s11	12n 5	1s36	20n 7	8n58	9s27	9s20	7n44	6s 0	6n24					

# ASTRODIENST EPHEMERIS for the year 2696

JUNE 2696

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 41 0	11 <sup>11</sup> 33'31	21 <sup>17</sup> 43	9 <sup>11</sup> 23	25 <sup>5</sup> 9	4 <sup>5</sup> 0	2°R33	23°R31	3 <sup>11</sup> 8	6 <sup>8</sup> 25	29 <sup>9</sup> 9	5°R31	5 <sup>11</sup> 48	9 <sup>17</sup> 30	28 <sup>28</sup> 19	M 1
T 2	16 44 56	12°31'15	3 <sup>11</sup> 48	11°34	26°14	4°40	2 <sup>28</sup> 31	23 <sup>28</sup> 28	3°11	6°27	29° 9	5 <sup>11</sup> 29	5°45	9°36	28°R19	T 2
W 3	16 48 53	13°28'58	15°43	13°46	27°19	5°20	2°28	23°26	3°15	6°29	29°10	5°26	5°42	9°43	28°19	W 3
T 4	16 52 49	14°26'40	28° 4	15°57	28°23	6° 0	2°25	23°23	3°18	6°31	29°11	5°20	5°38	9°50	28°19	T 4
F 5	16 56 46	15°24'20	10 <sup>11</sup> 43	18° 9	29°28	6°40	2°22	23°20	3°22	6°33	29°11	5°11	5°35	9°56	28°19	F 5
S 6	17 0 42	16°21'59	23°43	20°21	0 <sup>11</sup> 32	7°20	2°19	23°17	3°25	6°35	29°12	5° 1	5°32	10° 3	28°19	S 6
S 7	17 4 39	17°19'36	7 <sup>11</sup> 3	22°32	1°36	8° 0	2°16	23°14	3°29	6°37	29°13	4°49	5°29	10° 9	28°18	S 7
M 8	17 8 36	18°17'12	20°41	24°42	2°40	8°40	2°13	23°11	3°32	6°38	29°14	4°37	5°26	10°16	28°18	M 8
T 9	17 12 32	19°14'47	4 <sup>11</sup> 36	26°51	3°43	9°20	2° 9	23° 7	3°35	6°40	29°14	4°27	5°23	10°23	28°18	T 9
W10	17 16 29	20°12'21	18°41	28°58	4°47	10° 0	2° 5	23° 4	3°39	6°42	29°15	4°18	5°19	10°29	28°17	W10
T 11	17 20 25	21° 9'55	2 <sup>28</sup> 34	1 <sup>11</sup> 4	5°50	10°40	2° 1	23° 1	3°42	6°44	29°16	4°13	5°16	10°36	28°17	T 11
F 12	17 24 22	22° 7'27	17° 9	3° 8	6°52	11°20	1°57	22°57	3°45	6°46	29°17	4°10	5°13	10°43	28°16	F 12
S 13	17 28 18	23° 4'58	1 <sup>11</sup> 23	5°11	7°55	12° 0	1°53	22°54	3°49	6°47	29°18	4°D 9	5°10	10°49	28°15	S 13
S 14	17 32 15	24° 2'29	15°34	7°11	8°57	12°40	1°48	22°50	3°52	6°49	29°19	4° 9	5° 7	10°56	28°14	S 14
M15	17 36 12	24°59'59	29°41	9° 9	9°58	13°19	1°44	22°47	3°55	6°51	29°20	4°R 9	5° 4	11° 3	28°14	M15
T 16	17 40 8	25°57'28	13 <sup>11</sup> 43	11° 4	11° 0	13°59	1°39	22°43	3°59	6°52	29°21	4° 8	5° 0	11° 9	28°13	T 16
W17	17 44 5	26°54'56	27°38	12°57	12° 1	14°39	1°34	22°39	4° 2	6°54	29°22	4° 4	4°57	11°16	28°12	W17
T 18	17 48 1	27°52'24	11 <sup>11</sup> 26	14°48	13° 2	15°18	1°29	22°36	4° 5	6°55	29°23	3°58	4°54	11°23	28°11	T 18
F 19	17 51 58	28°49'52	25° 5	16°37	14° 2	15°58	1°23	22°32	4° 8	6°57	29°24	3°50	4°51	11°29	28°10	F 19
S 20	17 55 54	29°47'19	8 <sup>11</sup> 32	18°22	15° 2	16°38	1°18	22°28	4°12	6°59	29°25	3°40	4°48	11°36	28° 8	S 20
S 21	17 59 51	0 <sup>11</sup> 44'45	21°46	20° 5	16° 2	17°17	1°13	22°24	4°15	7° 0	29°26	3°30	4°44	11°43	28° 7	S 21
M22	18 3 47	1°42'10	4 <sup>11</sup> 45	21°46	17° 2	17°57	1° 7	22°20	4°18	7° 2	29°27	3°19	4°41	11°49	28° 6	M22
T 23	18 7 44	2°39'35	17°28	23°24	18° 1	18°36	1° 1	22°16	4°21	7° 3	29°28	3°10	4°38	11°56	28° 5	T 23
W24	18 11 41	3°36'59	29°56	24°59	18°59	19°16	0°55	22°12	4°24	7° 5	29°29	3° 3	4°35	12° 2	28° 3	W24
T 25	18 15 37	4°34'21	12 <sup>11</sup> 8	26°32	19°58	19°55	0°49	22° 8	4°28	7° 6	29°31	2°59	4°32	12° 9	28° 2	T 25
F 26	18 19 34	5°31'43	24° 9	28° 2	20°55	20°35	0°43	22° 4	4°31	7° 7	29°32	2°57	4°29	12°16	28° 0	F 26
S 27	18 23 30	6°29'05	6 <sup>11</sup> 2	29°30	21°53	21°14	0°37	22° 0	4°34	7° 9	29°33	2°D56	4°25	12°22	27°59	S 27
S 28	18 27 27	7°26'25	17°50	0 <sup>11</sup> 54	22°50	21°53	0°30	21°55	4°37	7°10	29°34	2°57	4°22	12°29	27°57	S 28
M29	18 31 23	8°23'44	29°39	2°16	23°46	22°33	0°24	21°51	4°40	7°11	29°36	2°58	4°19	12°36	27°55	M29
T 30	18 35 20	9°21'03	11 <sup>11</sup> 34	3 <sup>11</sup> 35	24°42	23°512	0 <sup>11</sup> 17	21°347	4°43	7 <sup>11</sup> 13	29°37	2°R58	4°16	12°42	27°54	T 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	22n 5	1n58	1s25	21n56	0n10	23n33	2n34	24n14	0n57	19s40	0s10	20s51	0n28	20n31	0s11	12n 5
T 2	22 13	3s38	2 23	22 25	0 20	23 21	2 34	24 13	0 57	19 41	0 10	20 51	0 28	20 32	0 11	12 6
W 3	22 20	9 11	3 16	22 53	0 31	23 8	2 33	24 12	0 57	19 42	0 10	20 52	0 28	20 32	0 11	12 7
T 4	22 27	14 29	4 1	23 17	0 41	22 54	2 33	24 11	0 58	19 43	0 10	20 52	0 28	20 33	0 11	12 7
F 5	22 33	19 20	4 35	23 40	0 50	22 40	2 33	24 9	0 58	19 43	0 10	20 53	0 28	20 34	0 11	12 8
S 6	22 39	23 24	4 55	24 0	1 0	22 26	2 32	24 7	0 58	19 44	0 10	20 54	0 28	20 34	0 11	12 8
S 7	22 45	26 21	5 1	24 17	1 9	22 11	2 31	24 5	0 59	19 45	0 11	20 54	0 28	20 35	0 11	12 9
M 8	22 50	27 50	4 50	24 31	1 17	21 56	2 30	24 3	0 59	19 46	0 11	20 55	0 28	20 36	0 11	12 10
T 9	22 55	27 37	4 21	24 43	1 25	21 40	2 29	24 0	0 59	19 47	0 11	20 55	0 28	20 36	0 11	12 10
W10	22 59	25 37	3 36	24 53	1 32	21 24	2 28	23 58	0 59	19 48	0 11	20 56	0 28	20 37	0 11	12 11
T 11	23 3	22 0	2 38	24 59	1 38	21 7	2 27	23 55	1 0	19 49	0 11	20 56	0 28	20 38	0 11	12 11
F 12	23 7	17 3	1 29	25 3	1 44	20 50	2 25	23 52	1 0	19 50	0 11	20 57	0 28	20 38	0 11	12 12
S 13	23 10	11 10	0 15	25 4	1 49	20 32	2 24	23 49	1 0	19 51	0 11	20 58	0 28	20 39	0 11	12 12
S 14	23 13	4 44	1n 0	25 3	1 53	20 14	2 22	23 45	1 0	19 52	0 12	20 58	0 28	20 40	0 11	12 13
M15	23 15	1n53	2 11	24 59	1 57	19 56	2 20	23 42	1 1	19 54	0 12	20 59	0 27	20 40	0 11	12 13
T 16	23 17	8 22	3 14	24 53	1 59	19 37	2 18	23 38	1 1	19 55	0 12	21 0	0 27	20 41	0 11	12 14
W17	23 19	14 24	4 5	24 44	2 1	19 18	2 16	23 34	1 1	19 56	0 12	21 0	0 27	20 41	0 11	12 14
T 18	23 20	19 39	4 40	24 34	2 3	18 59	2 14	23 29	1 1	19 57	0 12	21 1	0 27	20 42	0 11	12 15
F 19	23 21	23 49	5 0	24 21	2 3	18 39	2 11	23 25	1 1	19 59	0 12	21 2	0 27	20 43	0 11	12 15
S 20	23 21	26 37	5 2	24 7	2 3	18 19	2 9	23 20	1 2	20 0	0 13	21 2	0 27	20 43	0 11	12 16
S 21	23 21	27 53	4 48	23 51	2 2	17 58	2 6	23 16	1 2	20 1	0 13	21 3	0 27	20 44	0 11	12 16
M22	23 20	27 35	4 19	23 34	2 0	17 38	2 3	23 11	1 2	20 3	0 13	21 4	0 27	20 44	0 11	12 16
T 23	23 19	25 49	3 38	23 15	1 57	17 17	2 0	23 6	1 2	20 4	0 13	21 5	0 27	20 45	0 11	12 17
W24	23 18	22 49	2 47	22 55	1 54	16 55	1 57	23 0	1 3	20 6	0 13	21 5	0 27	20 46	0 11	12 17
T 25	23 16	18 50	1 49	22 34	1 50	16 34	1 53	22 55	1 3	20 7	0 13	21 6	0 27	20 46	0 11	12 18
F 26	23 14	14 10	0 47	22 11	1 45	16 12	1 49	22 49	1 3	20 9	0 13	21 7	0 27	20 47	0 11	12 18
S 27	23 12	9 1	0s17	21 48	1 39	15 50	1 46	22 43	1 3	20 10	0 14	21 7	0 27	20 47	0 11	12 19
S 28	23 9	3 35	1 19	21 24	1 33	15 28	1 42	22 37	1 3	20 12	0 14	21 8	0 27	20 48	0 11	12 19
M29	23 5	1s59	2 19	20 59	1 27	15 5	1 38	22 31	1 4	20 13	0 14	21 9	0 27	20 48	0 11	12 19
T 30	23n 1	7s31	3s12	20n34	1n19	14n42	1n33	22n25	1n 4	20s15	0s14	21s10	0n26	20n49	0s11	12n20

Julian Day Number = 2705905.5, Delta T = 26m58s  
 Ecliptic obliquity = 23°21'04, Nutation = 0°00'06  
 Ayanamsha: Fagan/Bradley = 34°28'59, Lahiri = 33°35'59



## ASTRODIENST EPHEMERIS for the year 2696

AUGUST 2696

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 41 30	9♎53'19	9♎57	13°R43	17♎53	13♎59	26°R18	19°R29	6♎ 3	7♎38	0♎27	1°R41	2♎34	16♎15	26°R33	S 1
S 2	20 45 26	10°50'37	23°28	13♎ 1	18°18	14°37	26♎11	19♎25	6° 5	7°38	0°29	1♎39	2°31	16°22	26♎30	S 2
M 3	20 49 23	11°47'54	7♎25	12°19	18°41	15°16	26° 4	19°21	6° 7	7°39	0°30	1°36	2°28	16°28	26°27	M 3
T 4	20 53 19	12°45'13	21°47	11°37	19° 2	15°55	25°57	19°17	6° 9	7°39	0°32	1°34	2°25	16°35	26°24	T 4
W 5	20 57 16	13°42'31	6♎28	10°57	19°21	16°33	25°50	19°13	6°11	7°39	0°34	1°32	2°22	16°42	26°21	W 5
T 6	21 1 13	14°39'50	21°24	10°18	19°39	17°12	25°43	19°10	6°12	7°39	0°36	1°31	2°18	16°48	26°18	T 6
F 7	21 5 9	15°37'10	6♎24	9°41	19°54	17°50	25°36	19° 6	6°14	7°39	0°38	1°D31	2°15	16°55	26°14	F 7
S 8	21 9 6	16°34'30	21°22	9° 8	20° 8	18°29	25°29	19° 2	6°16	7°39	0°40	1°31	2°12	17° 2	26°11	S 8
S 9	21 13 2	17°31'52	6♎ 9	8°39	20°19	19° 7	25°23	18°59	6°17	7°39	0°41	1°32	2° 9	17° 8	26° 8	S 9
M10	21 16 59	18°29'14	20°41	8°15	20°29	19°46	25°16	18°55	6°19	7°R39	0°43	1°33	2° 6	17°15	26° 5	M10
T 11	21 20 55	19°26'37	4♎52	7°55	20°36	20°24	25°10	18°52	6°20	7°39	0°45	1°34	2° 2	17°22	26° 2	T 11
W12	21 24 52	20°24'02	18°42	7°41	20°41	21° 3	25° 3	18°48	6°22	7°39	0°47	1°R34	1°59	17°28	25°58	W12
T 13	21 28 48	21°21'27	2♎11	7°32	20°44	21°41	24°57	18°45	6°23	7°39	0°49	1°34	1°56	17°35	25°55	T 13
F 14	21 32 45	22°18'54	15°20	7°D30	20°R45	22°20	24°51	18°41	6°25	7°39	0°51	1°34	1°53	17°42	25°52	F 14
S 15	21 36 42	23°16'22	28°10	7°34	20°43	22°58	24°45	18°38	6°26	7°39	0°52	1°33	1°50	17°48	25°49	S 15
S 16	21 40 38	24°13'51	10♎45	7°45	20°39	23°37	24°39	18°35	6°27	7°39	0°54	1°32	1°47	17°55	25°45	S 16
M17	21 44 35	25°11'22	23° 7	8° 2	20°33	24°15	24°33	18°32	6°29	7°39	0°56	1°31	1°43	18° 1	25°42	M17
T 18	21 48 31	26° 8'53	5♎18	8°26	20°24	24°53	24°28	18°29	6°30	7°38	0°58	1°30	1°40	18° 8	25°39	T 18
W19	21 52 28	27° 6'25	17°19	8°57	20°13	25°32	24°22	18°26	6°31	7°38	1° 0	1°30	1°37	18°15	25°36	W19
T 20	21 56 24	28° 3'59	29°14	9°34	20° 0	26°10	24°17	18°23	6°32	7°38	1° 2	1°D30	1°34	18°21	25°32	T 20
F 21	22 0 21	29° 1'33	11♎ 4	10°18	19°44	26°49	24°12	18°20	6°33	7°37	1° 4	1°30	1°31	18°28	25°29	F 21
S 22	22 4 17	29°59'08	22°51	11° 9	19°26	27°27	24° 7	18°17	6°34	7°37	1° 6	1°30	1°28	18°35	25°26	S 22
S 23	22 8 14	0♎56'45	4♎38	12° 5	19° 6	28° 5	24° 2	18°15	6°35	7°37	1° 7	1°30	1°24	18°41	25°23	S 23
M24	22 12 11	1°54'22	16°29	13° 9	18°43	28°44	23°57	18°12	6°36	7°36	1° 9	1°R30	1°21	18°48	25°20	M24
T 25	22 16 7	2°52'01	28°25	14°18	18°18	29°22	23°53	18°10	6°37	7°36	1°11	1°30	1°18	18°55	25°16	T 25
W26	22 20 4	3°49'40	10♎32	15°33	17°52	0♎ 0	23°48	18° 7	6°38	7°35	1°13	1°30	1°15	19° 1	25°13	W26
T 27	22 24 0	4°47'20	22°52	16°54	17°23	0°39	23°44	18° 5	6°39	7°35	1°15	1°29	1°12	19° 8	25°10	T 27
F 28	22 27 57	5°45'02	5♎30	18°19	16°53	1°17	23°40	18° 3	6°39	7°34	1°17	1°D29	1° 8	19°15	25° 7	F 28
S 29	22 31 53	6°42'44	18°29	19°50	16°21	1°55	23°36	18° 0	6°40	7°33	1°19	1°29	1° 5	19°21	25° 4	S 29
S 30	22 35 50	7°40'27	1♎53	21°26	15°47	2°33	23°33	17°58	6°41	7°33	1°21	1°30	1° 2	19°28	25° 1	S 30
M31	22 39 46	8♎38'12	15♎43	23♎ 5	15♎13	3♎12	23♎29	17♎56	6♎41	7♎32	1♎22	1♎30	0♎59	19♎35	24♎57	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	17n42	27s 0	5s12	11n52	4s59	2n29	2s29	17n39	1n 8	21s 7	0s19	21s33	0n24	21n 3	0s11	12n26
S 2	17 27	28 4	4 53	12 1	5 2	2 9	2 40	17 28	1 8	21 8	0 19	21 34	0 24	21 4	0 11	12 26
M 3	17 11	27 24	4 16	12 12	5 3	1 50	2 52	17 17	1 8	21 10	0 19	21 34	0 23	21 4	0 11	12 26
T 4	16 55	24 56	3 42	12 24	5 2	1 31	3 3	17 5	1 8	21 11	0 19	21 35	0 23	21 4	0 11	12 26
W 5	16 39	20 45	2 14	12 37	4 59	1 13	3 15	16 54	1 8	21 13	0 19	21 36	0 23	21 4	0 11	12 26
T 6	16 22	15 12	0 56	12 52	4 55	0 55	3 27	16 42	1 8	21 14	0 19	21 36	0 23	21 5	0 11	12 26
F 7	16 6	8 43	0n27	13 7	4 49	0 38	3 39	16 31	1 8	21 16	0 19	21 37	0 23	21 5	0 11	12 26
S 8	15 49	1 46	1 48	13 23	4 41	0 21	3 51	16 19	1 8	21 17	0 19	21 38	0 23	21 5	0 11	12 26
S 9	15 31	5n12	3 0	13 39	4 32	0 5	4 3	16 7	1 8	21 18	0 19	21 38	0 23	21 6	0 11	12 26
M10	15 14	11 45	4 0	13 56	4 21	0s10	4 16	15 55	1 8	21 20	0 20	21 39	0 23	21 6	0 11	12 26
T 11	14 56	17 33	4 43	14 12	4 9	0 24	4 28	15 43	1 8	21 21	0 20	21 39	0 23	21 6	0 11	12 26
W12	14 38	22 16	5 9	14 28	3 56	0 38	4 41	15 31	1 8	21 22	0 20	21 40	0 23	21 6	0 11	12 26
T 13	14 20	25 42	5 17	14 44	3 42	0 51	4 54	15 18	1 8	21 23	0 20	21 41	0 22	21 7	0 11	12 26
F 14	14 1	27 39	5 8	14 59	3 27	1 3	5 7	15 6	1 9	21 24	0 20	21 41	0 22	21 7	0 11	12 26
S 15	13 43	28 4	4 44	15 13	3 12	1 14	5 19	14 53	1 9	21 26	0 20	21 42	0 22	21 7	0 11	12 26
S 16	13 24	27 0	4 6	15 26	2 56	1 24	5 32	14 41	1 9	21 27	0 20	21 42	0 22	21 7	0 11	12 26
M17	13 5	24 37	3 17	15 37	2 40	1 33	5 45	14 28	1 9	21 28	0 20	21 43	0 22	21 8	0 11	12 25
T 18	12 45	21 9	2 20	15 47	2 23	1 42	5 57	14 15	1 9	21 29	0 20	21 43	0 22	21 8	0 11	12 25
W19	12 26	16 50	1 18	15 55	2 6	1 49	6 10	14 2	1 9	21 30	0 20	21 44	0 22	21 8	0 11	12 25
T 20	12 6	11 54	0 13	16 2	1 49	1 55	6 22	13 50	1 9	21 31	0 21	21 44	0 22	21 8	0 11	12 25
F 21	11 46	6 34	0s53	16 6	1 33	2 0	6 34	13 36	1 9	21 32	0 21	21 45	0 22	21 8	0 11	12 25
S 22	11 26	1 3	1 56	16 9	1 16	2 4	6 46	13 23	1 9	21 33	0 21	21 45	0 21	21 9	0 11	12 25
S 23	11 6	4s30	2 54	16 9	1 0	2 6	6 57	13 10	1 9	21 34	0 21	21 46	0 21	21 9	0 11	12 24
M24	10 45	9 55	3 45	16 6	0 44	2 8	7 9	12 57	1 9	21 35	0 21	21 46	0 21	21 9	0 11	12 24
T 25	10 25	15 1	4 26	16 1	0 29	2 8	7 19	12 44	1 9	21 36	0 21	21 47	0 21	21 9	0 11	12 24
W26	10 4	19 37	4 57	15 53	0 14	2 7	7 29	12 30	1 9	21 36	0 21	21 47	0 21	21 9	0 11	12 24
T 27	9 43	23 29	5 14	15 43	0 0	2 5	7 39	12 17	1 9	21 37	0 21	21 47	0 21	21 9	0 11	12 24
F 28	9 22	26 20	5 17	15 29	0n13	2 2	7 48	12 3	1 9	21 38	0 21	21 48	0 21	21 9	0 11	12 23
S 29	9 1	27 54	5 4	15 13	0 26	1 57	7 56	11 49	1 9	21 39	0 21	21 48	0 21	21 9	0 11	12 23
S 30	8 40	27 54	4 34	14 54	0 37	1 51	8 4	11 36	1 9	21 39	0 21	21 49	0 21	21 10	0 11	12 23
M31	8n18	26s12	3s48	14n32	0n48	1s44	8s10	11n22	1n 9	21s40	0s21	21s49	0n20	21n10	0s11	12n23

Julian Day Number = 2705966.5, Delta T = 26m59s

Ecliptic obliquity = 23°21'04, Nutation = 0°00'09

Ayanamsha: Fagan/Bradley = 34°29'07, Lahiri = 33°36'07

# ASTRODIENST EPHEMERIS for the year 2696

SEPTEMBER 2696

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 43 43	9♍35°57	0♋ 0	24♌48	14°R37	3♍50	23°R26	17°R54	6♊42	7°R31	1♍24	1♋31	0♋56	19♍41	24°R54	T 1
W 2	22 47 40	10°33'44	14°41	26°35	14♍ 1	4°28	23♌23	17♌53	6°42	7♋31	1°26	1°32	0°53	19°48	24°R51	W 2
T 3	22 51 36	11°31'32	29°41	28°24	13°24	5° 6	23°20	17°51	6°43	7°30	1°28	1°R32	0°49	19°55	24°48	T 3
F 4	22 55 33	12°29'21	14♋51	0♍16	12°46	5°45	23°17	17°49	6°43	7°29	1°30	1°32	0°46	20° 1	24°45	F 4
S 5	22 59 29	13°27'11	0♍ 4	2°10	12° 9	6°23	23°14	17°48	6°43	7°28	1°32	1°31	0°43	20° 8	24°42	S 5
S 6	23 3 26	14°25'03	15° 8	4° 5	11°32	7° 1	23°12	17°46	6°44	7°28	1°34	1°30	0°40	20°14	24°39	S 6
M 7	23 7 22	15°22'57	29°56	6° 2	10°55	7°39	23°10	17°45	6°44	7°27	1°35	1°28	0°37	20°21	24°36	M 7
T 8	23 11 19	16°20'52	14♋22	7°59	10°19	8°17	23° 8	17°43	6°44	7°26	1°37	1°26	0°33	20°28	24°33	T 8
W 9	23 15 15	17°18'50	28°21	9°57	9°43	8°56	23° 6	17°42	6°44	7°25	1°39	1°25	0°30	20°34	24°30	W 9
T 10	23 19 12	18°16'49	11♊54	11°55	9° 9	9°34	23° 4	17°41	6°44	7°24	1°41	1°24	0°27	20°41	24°28	T 10
F 11	23 23 9	19°14'50	25° 1	13°54	8°36	10°12	23° 3	17°40	6°R44	7°23	1°43	1°D24	0°24	20°48	24°25	F 11
S 12	23 27 5	20°12'53	7♋46	15°52	8° 5	10°50	23° 1	17°39	6°44	7°22	1°44	1°25	0°21	20°54	24°22	S 12
S 13	23 31 2	21°10'58	20°12	17°49	7°35	11°28	23° 0	17°38	6°44	7°21	1°46	1°26	0°18	21° 1	24°19	S 13
M14	23 34 58	22° 9'04	2♌23	19°46	7° 7	12° 6	22°59	17°38	6°44	7°20	1°48	1°28	0°14	21° 8	24°16	M14
T 15	23 38 55	23° 7'13	14°24	21°42	6°41	12°45	22°58	17°37	6°44	7°19	1°50	1°29	0°11	21°14	24°14	T 15
W16	23 42 51	24° 5'23	26°17	23°38	6°17	13°23	22°58	17°37	6°43	7°18	1°52	1°R30	0° 8	21°21	24°11	W16
T 17	23 46 48	25° 3'35	8♍ 5	25°32	5°56	14° 1	22°57	17°36	6°43	7°17	1°53	1°30	0° 5	21°28	24° 8	T 17
F 18	23 50 44	26° 1'48	19°53	27°26	5°36	14°39	22°D57	17°36	6°43	7°15	1°55	1°29	0° 2	21°34	24° 6	F 18
S 19	23 54 41	27° 0'04	1♌41	29°18	5°19	15°17	22°57	17°36	6°42	7°14	1°57	1°26	29°59	21°41	24° 3	S 19
S 20	23 58 37	27°58'21	13°32	1♌ 9	5° 4	15°55	22°58	17°35	6°42	7°13	1°59	1°22	29°55	21°48	24° 1	S 20
M21	0 2 34	28°56'40	25°28	3° 0	4°52	16°33	22°58	17°D35	6°42	7°12	2° 0	1°18	29°52	21°54	23°58	M21
T 22	0 6 31	29°55'00	7♊31	4°49	4°42	17°11	22°59	17°35	6°41	7°11	2° 2	1°13	29°49	22° 1	23°56	T 22
W23	0 10 27	0♌53'22	19°44	6°37	4°34	17°50	22°59	17°36	6°40	7° 9	2° 4	1° 8	29°46	22° 8	23°54	W23
T 24	0 14 24	1°51'46	2♌ 8	8°24	4°29	18°28	23° 0	17°36	6°40	7° 8	2° 5	1° 4	29°43	22°14	23°51	T 24
F 25	0 18 20	2°50'12	14°47	10°10	4°26	19° 6	23° 2	17°36	6°39	7° 7	2° 7	1° 1	29°39	22°21	23°49	F 25
S 26	0 22 17	3°48'39	27°43	11°55	4°D25	19°44	23° 3	17°37	6°38	7° 5	2° 9	1° 0	29°36	22°28	23°47	S 26
S 27	0 26 13	4°47'07	11♌ 0	13°38	4°27	20°22	23° 5	17°37	6°38	7° 4	2°10	1°D 0	29°33	22°34	23°45	S 27
M28	0 30 10	5°45'37	24°39	15°21	4°31	21° 0	23° 6	17°38	6°37	7° 3	2°12	1° 1	29°30	22°41	23°43	M28
T 29	0 34 6	6°44'09	8♋43	17° 3	4°38	21°38	23° 8	17°39	6°36	7° 1	2°14	1° 2	29°27	22°48	23°41	T 29
W30	0 38 3	7♌42'42	23°11	18♌43	4♍46	22♍16	23♌10	17♌40	6♊35	7♋ 0	2♍15	1♋ 4	29°24	22♍54	23°39	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	7n57	22s47	2s46	14n 7	0n58	1s36	8s16	11n 8	1n 9	21s41	0s21	21s49	0n20	21n10	0s11	12n22
W 2	7 35	17 50	1 32	13 40	1 7	1 27	8 21	10 54	1 9	21 41	0 22	21 50	0 20	21 10	0 11	12 22
T 3	7 13	11 42	0 10	13 10	1 15	1 17	8 26	10 40	1 9	21 42	0 22	21 50	0 20	21 10	0 11	12 22
F 4	6 51	4 49	1n13	12 37	1 22	1 7	8 29	10 26	1 9	21 42	0 22	21 50	0 20	21 10	0 11	12 22
S 5	6 29	2n21	2 32	12 3	1 29	0 55	8 32	10 12	1 9	21 43	0 22	21 51	0 20	21 10	0 11	12 21
S 6	6 7	9 18	3 39	11 26	1 34	0 42	8 33	9 58	1 9	21 43	0 22	21 51	0 20	21 10	0 11	12 21
M 7	5 44	15 37	4 30	10 47	1 38	0 29	8 34	9 44	1 9	21 44	0 22	21 51	0 20	21 10	0 11	12 21
T 8	5 22	20 54	5 3	10 7	1 41	0 15	8 33	9 29	1 9	21 44	0 22	21 52	0 20	21 10	0 11	12 20
W 9	5 0	24 51	5 16	9 25	1 44	0 1	8 32	9 15	1 9	21 45	0 22	21 52	0 19	21 10	0 11	12 20
T 10	4 37	27 16	5 11	8 41	1 45	0n13	8 30	9 1	1 8	21 45	0 22	21 52	0 19	21 10	0 11	12 20
F 11	4 14	28 5	4 50	7 57	1 46	0 28	8 27	8 46	1 8	21 45	0 22	21 52	0 19	21 10	0 11	12 19
S 12	3 52	27 22	4 15	7 12	1 46	0 43	8 23	8 32	1 8	21 46	0 22	21 53	0 19	21 10	0 11	12 19
S 13	3 29	25 17	3 29	6 25	1 46	0 58	8 19	8 17	1 8	21 46	0 22	21 53	0 19	21 10	0 11	12 18
M14	3 6	22 3	2 34	5 39	1 45	1 13	8 13	8 3	1 8	21 46	0 22	21 53	0 19	21 10	0 11	12 18
T 15	2 43	17 56	1 33	4 51	1 43	1 28	8 7	7 48	1 8	21 46	0 22	21 53	0 19	21 10	0 11	12 18
W16	2 20	13 10	0 29	4 4	1 40	1 43	8 1	7 34	1 8	21 46	0 22	21 53	0 19	21 10	0 11	12 17
T 17	1 57	7 57	0s36	3 16	1 37	1 57	7 53	7 19	1 8	21 47	0 22	21 53	0 19	21 10	0 11	12 17
F 18	1 34	2 28	1 39	2 28	1 34	2 12	7 46	7 4	1 8	21 47	0 23	21 54	0 18	21 10	0 11	12 16
S 19	1 11	3s 5	2 38	1 39	1 30	2 25	7 37	6 49	1 8	21 47	0 23	21 54	0 18	21 10	0 11	12 16
S 20	0 48	8 33	3 31	0 51	1 26	2 39	7 29	6 35	1 8	21 47	0 23	21 54	0 18	21 10	0 11	12 16
M21	0 25	13 45	4 14	0 3	1 21	2 52	7 19	6 20	1 8	21 47	0 23	21 54	0 18	21 10	0 11	12 15
T 22	0 2	18 29	4 47	0s44	1 16	3 4	7 10	6 5	1 8	21 47	0 23	21 54	0 18	21 10	0 11	12 15
W23	0s21	22 31	5 7	1 32	1 11	3 16	7 0	5 50	1 8	21 47	0 23	21 54	0 18	21 10	0 11	12 14
T 24	0 44	25 37	5 13	2 19	1 5	3 28	6 50	5 35	1 8	21 46	0 23	21 54	0 18	21 9	0 11	12 14
F 25	1 7	27 31	5 4	3 6	1 0	3 38	6 40	5 20	1 8	21 46	0 23	21 54	0 18	21 9	0 11	12 13
S 26	1 31	27 59	4 39	3 52	0 53	3 48	6 29	5 5	1 7	21 46	0 23	21 54	0 18	21 9	0 11	12 13
S 27	1 54	26 53	4 0	4 38	0 47	3 58	6 18	4 50	1 7	21 46	0 23	21 54	0 17	21 9	0 11	12 12
M28	2 17	24 9	3 6	5 24	0 41	4 6	6 7	4 35	1 7	21 46	0 23	21 54	0 17	21 9	0 11	12 12
T 29	2 40	19 56	1 59	6 9	0 34	4 14	5 56	4 20	1 7	21 45	0 23	21 54	0 17	21 9	0 11	12 12
W30	3s 3	14s25	0s43	6s53	0n27	4n22	5s45	4n 5	1n 7	21s45	0s23	21s54	0n17	21n 9	0s11	12n11

Julian Day Number = 2705997.5, Delta T = 26m59s  
 Ecliptic obliquity = 23°21'04", Nutation = 0°00'09  
 Ayanamsha: Fagan/Bradley = 34°29'11", Lahiri = 33°36'11

## ASTRODIENST EPHEMERIS for the year 2696

OCTOBER 2696

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 42 0	8♂41'17	8♂ 0	20♂23	4♂57	22♂54	23♂13	17♂40	6♂R34	6♂R59	2♂17	1♂R 4	29♂20	23♂1	23♂R37	T 1
F 2	0 45 56	9°39'53	23° 5	22° 1	5°10	23°32	23°15	17°42	6♂II33	6♂57	2°18	1♂ 2	29°17	23° 8	23°35	F 2
S 3	0 49 53	10°38'32	8♂17	23°39	5°25	24°10	23°18	17°43	6°32	6°56	2°20	0°58	29°14	23°14	23°33	S 3
S 4	0 53 49	11°37'12	23°26	25°15	5°42	24°48	23°21	17°44	6°31	6°54	2°21	0°53	29°11	23°21	23°31	S 4
M 5	0 57 46	12°35'54	8♂23	26°51	6° 1	25°27	23°24	17°45	6°30	6°53	2°23	0°47	29° 8	23°27	23°29	M 5
T 6	1 1 42	13°34'39	22°59	28°26	6°22	26° 5	23°27	17°47	6°29	6°51	2°24	0°41	29° 5	23°34	23°28	T 6
W 7	1 5 39	14°33'25	7♂II 8	29°59	6°44	26°43	23°30	17°48	6°27	6°50	2°26	0°35	29° 1	23°41	23°26	W 7
T 8	1 9 35	15°32'14	20°48	1♂32	7° 9	27°21	23°34	17°50	6°26	6°48	2°27	0°30	28°58	23°47	23°25	T 8
F 9	1 13 32	16°31'05	4♂ 0	3° 4	7°35	27°59	23°38	17°52	6°25	6°47	2°29	0°28	28°55	23°54	23°23	F 9
S 10	1 17 29	17°29'58	16°46	4°35	8° 3	28°37	23°42	17°53	6°23	6°45	2°30	0°D27	28°52	24° 1	23°22	S 10
S 11	1 21 25	18°28'54	29°10	6° 6	8°32	29°15	23°46	17°55	6°22	6°44	2°32	0°27	28°49	24° 7	23°20	S 11
M12	1 25 22	19°27'52	11♂18	7°35	9° 3	29°53	23°50	17°57	6°21	6°42	2°33	0°29	28°45	24°14	23°19	M12
T 13	1 29 18	20°26'52	23°14	9° 3	9°35	0♂31	23°55	17°59	6°19	6°40	2°34	0°30	28°42	24°21	23°18	T 13
W14	1 33 15	21°25'54	5♂ 3	10°31	10° 9	1° 9	23°59	18° 2	6°18	6°39	2°36	0°R30	28°39	24°27	23°16	W14
T 15	1 37 11	22°24'58	16°50	11°57	10°44	1°47	24° 4	18° 4	6°16	6°37	2°37	0°28	28°36	24°34	23°15	T 15
F 16	1 41 8	23°24'05	28°38	13°23	11°21	2°25	24° 9	18° 6	6°14	6°36	2°38	0°24	28°33	24°41	23°14	F 16
S 17	1 45 4	24°23'13	10♂29	14°48	11°58	3° 3	24°14	18° 9	6°13	6°34	2°40	0°18	28°30	24°47	23°13	S 17
S 18	1 49 1	25°22'24	22°28	16°11	12°37	3°41	24°20	18°11	6°11	6°32	2°41	0°10	28°26	24°54	23°12	S 18
M19	1 52 58	26°21'36	4♂34	17°34	13°17	4°19	24°25	18°14	6° 9	6°31	2°42	29°59	28°23	25° 1	23°11	M19
T 20	1 56 54	27°20'51	16°49	18°56	13°59	4°57	24°31	18°17	6° 8	6°29	2°43	29°48	28°20	25° 7	23°11	T 20
W21	2 0 51	28°20'08	29°14	20°16	14°41	5°35	24°37	18°19	6° 6	6°27	2°45	29°38	28°17	25°14	23°10	W21
T 22	2 4 47	29°19'27	11♂50	21°36	15°24	6°14	24°43	18°22	6° 4	6°26	2°46	29°28	28°14	25°21	23° 9	T 22
F 23	2 8 44	0♂18'47	24°38	22°54	16° 9	6°52	24°49	18°25	6° 2	6°24	2°47	29°21	28°11	25°27	23° 9	F 23
S 24	2 12 40	1°18'09	7♂39	24°11	16°54	7°30	24°55	18°28	6° 0	6°22	2°48	29°16	28° 7	25°34	23° 8	S 24
S 25	2 16 37	2°17'33	20°55	25°27	17°41	8° 8	25° 2	18°32	5°58	6°21	2°49	29°13	28° 4	25°41	23° 8	S 25
M26	2 20 33	3°16'59	4♂29	26°41	18°28	8°46	25° 8	18°35	5°56	6°19	2°50	29°D12	28° 1	25°47	23° 7	M26
T 27	2 24 30	4°16'26	18°20	27°54	19°16	9°24	25°15	18°38	5°54	6°17	2°51	29°13	27°58	25°54	23° 7	T 27
W28	2 28 27	5°15'55	2♂32	29° 5	20° 5	10° 2	25°22	18°42	5°52	6°16	2°52	29°R13	27°55	26° 1	23° 7	W28
T 29	2 32 23	6°15'26	17° 2	0♂14	20°54	10°40	25°29	18°45	5°50	6°14	2°54	29°12	27°51	26° 7	23° 6	T 29
F 30	2 36 20	7°14'58	1♂47	1°21	21°45	11°18	25°37	18°49	5°48	6°12	2°55	29° 8	27°48	26°14	23° 6	F 30
S 31	2 40 16	8♂14'32	16♂42	2♂26	22♂36	11♂56	25♂44	18♂53	5♂II46	6♂11	2♂55	29° 2	27°45	26♂21	23° 6	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	3s26	7s57	0n38	7s37	0n20	4n28	5s34	3n50	1n 7	21s45	0s23	21s54	0n17	21n 8	0s11	12n11	1s43
F 2	3 49	0 57	1 57	8 20	0 13	4 34	5 23	3 35	1 7	21 44	0 23	21 54	0 17	21 8	0 11	12 10	1 43
S 3	4 12	6n10	3 8	9 3	0 6	4 39	5 12	3 20	1 7	21 44	0 23	21 54	0 17	21 8	0 11	12 10	1 43
S 4	4 35	12 53	4 6	9 45	0s 1	4 43	5 1	3 5	1 7	21 43	0 23	21 54	0 17	21 8	0 11	12 9	1 43
M 5	4 58	18 46	4 46	10 26	0 8	4 46	4 50	2 49	1 7	21 43	0 23	21 54	0 17	21 8	0 11	12 9	1 43
T 6	5 20	23 23	5 7	11 7	0 15	4 49	4 39	2 34	1 7	21 42	0 23	21 54	0 16	21 8	0 11	12 8	1 43
W 7	5 43	26 28	5 7	11 47	0 23	4 51	4 28	2 19	1 6	21 42	0 23	21 54	0 16	21 7	0 11	12 8	1 43
T 8	6 6	27 52	4 50	12 26	0 30	4 52	4 17	2 4	1 6	21 41	0 23	21 54	0 16	21 7	0 11	12 7	1 43
F 9	6 28	27 36	4 18	13 5	0 37	4 53	4 6	1 49	1 6	21 41	0 23	21 54	0 16	21 7	0 11	12 6	1 43
S 10	6 51	25 51	3 34	13 42	0 45	4 52	3 56	1 34	1 6	21 40	0 24	21 54	0 16	21 7	0 11	12 6	1 43
S 11	7 13	22 52	2 41	14 19	0 52	4 51	3 45	1 18	1 6	21 39	0 24	21 54	0 16	21 6	0 11	12 5	1 43
M12	7 35	18 57	1 42	14 55	0 59	4 50	3 35	1 3	1 6	21 39	0 24	21 53	0 16	21 6	0 11	12 5	1 43
T 13	7 58	14 20	0 39	15 31	1 7	4 47	3 24	0 48	1 6	21 38	0 24	21 53	0 16	21 6	0 11	12 4	1 43
W14	8 20	9 15	0s25	16 5	1 14	4 44	3 14	0 33	1 6	21 37	0 24	21 53	0 16	21 6	0 11	12 4	1 43
T 15	8 42	3 51	1 27	16 39	1 21	4 40	3 4	0 18	1 5	21 36	0 24	21 53	0 16	21 5	0 11	12 3	1 43
F 16	9 3	1s41	2 25	17 12	1 28	4 36	2 54	0 2	1 5	21 36	0 24	21 53	0 15	21 5	0 11	12 3	1 43
S 17	9 25	7 10	3 18	17 43	1 35	4 31	2 44	0s13	1 5	21 35	0 24	21 52	0 15	21 5	0 11	12 2	1 43
S 18	9 47	12 27	4 2	18 14	1 41	4 25	2 35	0 28	1 5	21 34	0 24	21 52	0 15	21 5	0 11	12 2	1 43
M19	10 8	17 19	4 35	18 44	1 48	4 19	2 25	0 43	1 5	21 33	0 24	21 52	0 15	21 4	0 11	12 1	1 43
T 20	10 29	21 32	4 57	19 13	1 54	4 12	2 16	0 58	1 5	21 32	0 24	21 52	0 15	21 4	0 11	12 1	1 43
W21	10 51	24 51	5 4	19 41	2 1	4 4	2 6	1 13	1 5	21 31	0 24	21 51	0 15	21 4	0 11	12 0	1 43
T 22	11 12	27 2	4 57	20 8	2 7	3 56	1 57	1 29	1 4	21 30	0 24	21 51	0 15	21 3	0 11	11 59	1 43
F 23	11 32	27 50	4 35	20 34	2 13	3 47	1 48	1 44	1 4	21 29	0 24	21 51	0 15	21 3	0 11	11 59	1 43
S 24	11 53	27 7	3 59	20 59	2 19	3 37	1 40	1 59	1 4	21 28	0 24	21 50	0 15	21 3	0 11	11 58	1 43
S 25	12 14	24 51	3 9	21 23	2 24	3 27	1 31	2 14	1 4	21 26	0 24	21 50	0 15	21 2	0 11	11 58	1 43
M26	12 34	21 8	2 8	21 46	2 29	3 17	1 23	2 29	1 4	21 25	0 24	21 50	0 14	21 2	0 11	11 57	1 43
T 27	12 54	16 11	0 58	22 7	2 34	3 6	1 14	2 44	1 4	21 24	0 24	21 49	0 14	21 2	0 11	11 57	1 43
W28	13 14	10 16	0n18	22 28	2 39	2 54	1 6	2 59	1 3	21 23	0 24	21 49	0 14	21 1	0 11	11 56	1 43
T 29	13 33	3 40	1 33	22 47	2 43	2 42	0 58	3 14	1 3	21 22	0 24	21 49	0 14	21 1	0 11	11 56	1 43
F 30	13 53	3n13	2 44	23 5	2 47	2 29	0 50	3 29	1 3	21 20	0 24	21 48	0 14	21 1	0 11	11 55	1 43
S 31	14s12	9n59	3n44	23s21	2s50	2n16	0s43	3s44	1n 3	21s19	0s24	21s48	0n14	21n 0	0s11	11n54	1s43

Julian Day Number = 2706027.5, Delta T = 27m00s

Ecliptic obliquity = 23°21'04, Nutation = 0°00'08

Ayanamsha: Fagan/Bradley = 34°29'15, Lahiri = 33°36'15

# ASTRODIENST EPHEMERIS for the year 2696

NOVEMBER 2696

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 44 13	9♉14°08	1♈39	3♊29	23♏28	12♊34	25♏51	18♏56	5°R44	6°R 9	2♏56	28°R53	27♏42	26♏27	23°D 6	S 1
M 2	2 48 9	10°13'46	16°29	4°29	24°21	13°12	25°59	19° 0	5♊42	6♊ 7	2°57	28♏43	27°39	26°34	23° 6	M 2
T 3	2 52 6	11°13'26	1♈ 3	5°26	25°14	13°50	26° 7	19° 4	5°39	6° 6	2°58	28°32	27°36	26°41	23° 6	T 3
W 4	2 56 2	12°13'09	15°15	6°19	26° 8	14°28	26°15	19° 8	5°37	6° 4	2°59	28°21	27°32	26°47	23° 7	W 4
T 5	2 59 59	13°12'53	28°59	7°10	27° 3	15° 6	26°23	19°12	5°35	6° 2	3° 0	28°13	27°29	26°54	23° 7	T 5
F 6	3 3 56	14°12'40	12♏15	7°56	27°59	15°44	26°31	19°16	5°33	6° 1	3° 1	28° 6	27°26	27° 1	23° 7	F 6
S 7	3 7 52	15°12'28	25° 5	8°38	28°54	16°22	26°40	19°21	5°30	5°59	3° 2	28° 2	27°23	27° 7	23° 8	S 7
S 8	3 11 49	16°12'19	7♊32	9°15	29°51	17° 0	26°48	19°25	5°28	5°57	3° 2	28° 1	27°20	27°14	23° 8	S 8
M 9	3 15 45	17°12'12	19°40	9°47	0♊48	17°38	26°57	19°29	5°26	5°56	3° 3	28°D 1	27°16	27°21	23° 9	M 9
T 10	3 19 42	18°12'07	1♏36	10°13	1°46	18°16	27° 6	19°34	5°23	5°54	3° 4	28°R 1	27°13	27°27	23° 9	T 10
W 11	3 23 38	19°12'04	13°25	10°32	2°44	18°54	27°15	19°39	5°21	5°52	3° 4	28° 0	27°10	27°34	23°10	W 11
T 12	3 27 35	20°12'03	25°13	10°44	3°43	19°32	27°24	19°43	5°19	5°51	3° 5	27°57	27° 7	27°41	23°11	T 12
F 13	3 31 31	21°12'05	7♊ 3	10°R49	4°42	20°10	27°33	19°48	5°16	5°49	3° 6	27°52	27° 4	27°47	23°12	F 13
S 14	3 35 28	22°12'08	18°59	10°45	5°41	20°48	27°42	19°53	5°14	5°47	3° 6	27°43	27° 1	27°54	23°12	S 14
S 15	3 39 25	23°12'13	1♉ 6	10°32	6°41	21°27	27°51	19°57	5°12	5°46	3° 7	27°32	26°57	28° 1	23°13	S 15
M 16	3 43 21	24°12'21	13°24	10° 9	7°42	22° 5	28° 1	20° 2	5° 9	5°44	3° 7	27°19	26°54	28° 7	23°14	M 16
T 17	3 47 18	25°12'30	25°54	9°37	8°43	22°43	28°11	20° 7	5° 7	5°43	3° 8	27° 5	26°51	28°14	23°15	T 17
W 18	3 51 14	26°12'41	8♊38	8°55	9°44	23°21	28°20	20°12	5° 4	5°41	3° 8	26°51	26°48	28°21	23°17	W 18
T 19	3 55 11	27°12'54	21°33	8° 3	10°46	23°59	28°30	20°17	5° 2	5°40	3° 9	26°39	26°45	28°27	23°18	T 19
F 20	3 59 7	28°13'08	4♏39	7° 3	11°48	24°37	28°40	20°23	4°59	5°38	3° 9	26°29	26°42	28°34	23°19	F 20
S 21	4 3 4	29°13'24	17°56	5°55	12°50	25°15	28°50	20°28	4°57	5°37	3°10	26°22	26°38	28°41	23°20	S 21
S 22	4 7 0	0♊13'42	1♏23	4°40	13°53	25°53	29° 1	20°33	4°54	5°35	3°10	26°17	26°35	28°47	23°22	S 22
M 23	4 10 57	1°14'01	15° 1	3°22	14°56	26°31	29°11	20°39	4°52	5°34	3°10	26°16	26°32	28°54	23°23	M 23
T 24	4 14 54	2°14'21	28°51	2° 1	16° 0	27° 9	29°21	20°44	4°49	5°32	3°11	26°16	26°29	29° 1	23°25	T 24
W 25	4 18 50	3°14'42	12♈52	0°42	17° 4	27°47	29°32	20°50	4°47	5°31	3°11	26°15	26°26	29° 7	23°27	W 25
T 26	4 22 47	4°15'05	27° 5	29♉26	18° 8	28°25	29°43	20°55	4°44	5°29	3°11	26°14	26°22	29°14	23°28	T 26
F 27	4 26 43	5°15'29	11♏27	28°15	19°12	29° 3	29°53	21° 1	4°42	5°28	3°11	26°10	26°19	29°21	23°30	F 27
S 28	4 30 40	6°15'54	25°57	27°13	20°17	29°41	0♊ 4	21° 6	4°39	5°26	3°12	26° 4	26°16	29°27	23°32	S 28
S 29	4 34 36	7°16'21	10♏29	26°21	21°22	0♉19	0°15	21°12	4°37	5°25	3°12	25°54	26°13	29°34	23°34	S 29
M 30	4 38 33	8♊16'49	24♏57	25♉39	22♊27	0♉57	0♊26	21♏18	4♉34	5♏24	3♏12	25♏43	26♏10	29♏41	23♏36	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	14s31	16n12	4n29	23s36	2s53	2n 3	0s35	3s59	1n 3	21s18	0s24	21s47	0n14	21n 0	0s11	11n54
M 2	14 50	21 25	4 55	23 50	2 56	1 49	0 28	4 14	1 3	21 16	0 24	21 47	0 14	21 0	0 11	11 53
T 3	15 8	25 13	5 1	24 3	2 58	1 34	0 21	4 29	1 2	21 15	0 24	21 46	0 14	20 59	0 11	11 53
W 4	15 27	27 19	4 49	24 14	2 59	1 19	0 14	4 44	1 2	21 13	0 24	21 46	0 14	20 59	0 11	11 52
T 5	15 45	27 41	4 20	24 23	3 0	1 4	0 7	4 58	1 2	21 12	0 24	21 46	0 13	20 58	0 11	11 52
F 6	16 3	26 24	3 37	24 31	3 0	0 48	0 0	5 13	1 2	21 10	0 24	21 45	0 13	20 58	0 11	11 51
S 7	16 20	23 45	2 45	24 37	2 59	0 32	0n 7	5 28	1 2	21 9	0 24	21 45	0 13	20 58	0 11	11 51
S 8	16 37	20 2	1 46	24 41	2 58	0 15	0 13	5 43	1 1	21 7	0 25	21 44	0 13	20 57	0 11	11 50
M 9	16 54	15 34	0 44	24 43	2 55	0s 1	0 19	5 57	1 1	21 6	0 25	21 43	0 13	20 57	0 11	11 50
T 10	17 11	10 34	0s19	24 44	2 52	0 19	0 25	6 12	1 1	21 4	0 25	21 43	0 13	20 56	0 11	11 49
W 11	17 28	5 15	1 21	24 42	2 47	0 36	0 31	6 27	1 1	21 2	0 25	21 42	0 13	20 56	0 11	11 49
T 12	17 44	0s14	2 19	24 38	2 41	0 54	0 37	6 41	1 0	21 0	0 25	21 42	0 13	20 56	0 11	11 48
F 13	18 0	5 42	3 11	24 31	2 34	1 13	0 42	6 56	1 0	20 59	0 25	21 41	0 13	20 55	0 11	11 48
S 14	18 15	11 2	3 55	24 22	2 25	1 31	0 48	7 10	1 0	20 57	0 25	21 41	0 13	20 55	0 11	11 47
S 15	18 30	16 1	4 29	24 10	2 15	1 50	0 53	7 24	1 0	20 55	0 25	21 40	0 13	20 54	0 11	11 47
M 16	18 45	20 26	4 51	23 55	2 3	2 9	0 58	7 39	1 0	20 53	0 25	21 39	0 12	20 54	0 11	11 46
T 17	19 0	24 1	5 0	23 37	1 49	2 28	1 3	7 53	0 59	20 51	0 25	21 39	0 12	20 53	0 11	11 46
W 18	19 14	26 29	4 53	23 15	1 34	2 48	1 8	8 7	0 59	20 49	0 25	21 38	0 12	20 53	0 11	11 45
T 19	19 28	27 37	4 32	22 51	1 18	3 8	1 13	8 21	0 59	20 47	0 25	21 37	0 12	20 53	0 11	11 45
F 20	19 41	27 13	3 57	22 23	1 0	3 28	1 17	8 36	0 59	20 45	0 25	21 37	0 12	20 52	0 11	11 44
S 21	19 55	25 15	3 8	21 53	0 40	3 48	1 22	8 50	0 58	20 43	0 25	21 36	0 12	20 52	0 11	11 44
S 22	20 7	21 51	2 7	21 20	0 20	4 8	1 26	9 4	0 58	20 41	0 25	21 35	0 12	20 51	0 11	11 43
M 23	20 20	17 13	0 59	20 45	0n 0	4 29	1 30	9 18	0 58	20 39	0 25	21 35	0 12	20 51	0 11	11 43
T 24	20 32	11 37	0n14	20 9	0 21	4 50	1 34	9 31	0 58	20 37	0 25	21 34	0 12	20 50	0 11	11 42
W 25	20 44	5 22	1 27	19 33	0 41	5 10	1 38	9 45	0 57	20 35	0 25	21 33	0 12	20 50	0 11	11 42
T 26	20 55	1n13	2 35	18 59	1 0	5 31	1 41	9 59	0 57	20 33	0 25	21 32	0 12	20 49	0 11	11 41
F 27	21 6	7 49	3 35	18 26	1 18	5 53	1 45	10 13	0 57	20 31	0 25	21 32	0 12	20 49	0 11	11 41
S 28	21 16	14 2	4 21	17 56	1 34	6 14	1 48	10 26	0 56	20 28	0 25	21 31	0 11	20 49	0 11	11 40
S 29	21 27	19 30	4 50	17 30	1 48	6 35	1 51	10 40	0 56	20 26	0 25	21 30	0 11	20 48	0 11	11 40
M 30	21s36	23n48	5n 1	17s 9	2n 1	6s56	1n54	10s53	0n56	20s24	0s25	21s29	0n11	20n48	0s11	11n40

Julian Day Number = 2706058.5, Delta T = 27m00s  
 Ecliptic obliquity = 23°21'04, Nutation = 0°00'07  
 Ayanamsha: Fagan/Bradley = 34°29'20, Lahiri = 33°36'20

# ASTRODIENST EPHEMERIS for the year 2696

DECEMBER 2696

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 42 29	9♌17'19	9♌14	25°R 9	23♌33	1♌35	0♌37	21♌24	4°R32	5°R22	3♌12	25°R31	26♌7	29♌47	23♌38	T 1
W 2	4 46 26	10°17'50	23°13	24♌50	24°39	2°13	0°49	21°30	4♌29	5♌21	3°12	25°R19	26° 3	29°54	23°40	W 2
T 3	4 50 23	11°18'23	6♌51	24°D44	25°45	2°51	1° 0	21°35	4°27	5°20	3°12	25°10	26° 0	0♌1	23°42	T 3
F 4	4 54 19	12°18'58	20° 5	24°48	26°52	3°29	1°11	21°41	4°24	5°19	3°R12	25° 2	25°57	0° 7	23°44	F 4
S 5	4 58 16	13°19'34	2♌55	25° 2	27°58	4° 7	1°23	21°47	4°22	5°17	3°12	24°58	25°54	0°14	23°46	S 5
S 6	5 2 12	14°20'11	15°23	25°26	29° 5	4°45	1°35	21°54	4°19	5°16	3°12	24°55	25°51	0°21	23°48	S 6
M 7	5 6 9	15°20'50	27°34	25°59	0♌12	5°24	1°46	22° 0	4°17	5°15	3°12	24°D55	25°48	0°27	23°51	M 7
T 8	5 10 5	16°21'31	9♌32	26°39	1°20	6° 2	1°58	22° 6	4°15	5°14	3°12	24°55	25°44	0°34	23°53	T 8
W 9	5 14 2	17°22'13	21°22	27°26	2°27	6°40	2°10	22°12	4°12	5°13	3°12	24°R56	25°41	0°41	23°56	W 9
T 10	5 17 59	18°22'56	3♌11	28°19	3°35	7°18	2°22	22°18	4°10	5°11	3°12	24°54	25°38	0°47	23°58	T 10
F 11	5 21 55	19°23'42	15° 3	29°18	4°43	7°56	2°34	22°25	4° 7	5°10	3°11	24°51	25°35	0°54	24° 1	F 11
S 12	5 25 52	20°24'28	27° 3	0♌21	5°51	8°34	2°46	22°31	4° 5	5° 9	3°11	24°45	25°32	1° 1	24° 3	S 12
S 13	5 29 48	21°25'16	9♌15	1°28	7° 0	9°12	2°58	22°37	4° 3	5° 8	3°11	24°37	25°28	1° 7	24° 6	S 13
M14	5 33 45	22°26'06	21°43	2°38	8° 8	9°50	3°11	22°44	4° 0	5° 7	3°11	24°26	25°25	1°14	24° 9	M14
T 15	5 37 41	23°26'57	4♌26	3°52	9°17	10°28	3°23	22°50	3°58	5° 6	3°10	24°15	25°22	1°21	24°12	T 15
W16	5 41 38	24°27'49	17°27	5° 8	10°26	11° 6	3°35	22°57	3°56	5° 5	3°10	24° 4	25°19	1°27	24°14	W16
T 17	5 45 34	25°28'42	0♌34	6°26	11°35	11°44	3°48	23° 3	3°53	5° 4	3°10	23°53	25°16	1°34	24°17	T 17
F 18	5 49 31	26°29'36	14°14	7°46	12°44	12°22	4° 0	23°10	3°51	5° 3	3° 9	23°45	25°13	1°41	24°20	F 18
S 19	5 53 28	27°30'31	27°56	9° 8	13°54	13° 0	4°13	23°16	3°49	5° 2	3° 9	23°40	25° 9	1°47	24°23	S 19
S 20	5 57 24	28°31'27	11♌46	10°31	15° 3	13°38	4°26	23°23	3°47	5° 2	3° 8	23°37	25° 6	1°54	24°26	S 20
M21	6 1 21	29°32'24	25°43	11°56	16°13	14°16	4°38	23°30	3°44	5° 1	3° 8	23°D36	25° 3	2° 1	24°29	M21
T 22	6 5 17	0♌33'21	9♌44	13°21	17°23	14°54	4°51	23°37	3°42	5° 0	3° 7	23°37	25° 0	2° 7	24°33	T 22
W23	6 9 14	1°34'18	23°49	14°48	18°33	15°32	5° 4	23°43	3°40	4°59	3° 7	23°38	24°57	2°14	24°36	W23
T 24	6 13 10	2°35'17	7°Y56	16°15	19°43	16°10	5°17	23°50	3°38	4°58	3° 6	23°R38	24°54	2°21	24°39	T 24
F 25	6 17 7	3°36'15	22° 4	17°43	20°53	16°48	5°30	23°57	3°36	4°58	3° 6	23°36	24°50	2°27	24°42	F 25
S 26	6 21 3	4°37'14	6♌12	19°11	22° 4	17°26	5°43	24° 4	3°34	4°57	3° 5	23°33	24°47	2°34	24°46	S 26
S 27	6 25 0	5°38'14	20°16	20°40	23°14	18° 4	5°56	24°10	3°32	4°56	3° 5	23°27	24°44	2°41	24°49	S 27
M28	6 28 57	6°39'14	4♌15	22° 9	24°25	18°42	6° 9	24°17	3°30	4°56	3° 4	23°19	24°41	2°47	24°52	M28
T 29	6 32 53	7°40'15	18° 4	23°39	25°35	19°20	6°23	24°24	3°28	4°55	3° 3	23°11	24°38	2°54	24°56	T 29
W30	6 36 50	8°41'17	1♌40	25° 9	26°46	19°58	6°36	24°31	3°26	4°55	3° 2	23° 3	24°34	3° 1	25° 0	W30
T 31	6 40 46	9♌42'18	14♌59	26♌40	27♌57	20♌36	6♌49	24♌38	3♌24	4♌54	3♌2	22♌57	24♌31	3♌7	25♌3	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	21s46	26n34	4n52	16s52	2n11	7s18	1n57	11s 7	0n56	20s21	0s25	21s28	0n11	20n47	0s11	T 1
W 2	21 55	27 37	4 26	16 40	2 19	7 39	2 0	11 20	0 55	20 19	0 25	21 28	0 11	20 47	0 11	W 2
T 3	22 3	26 56	3 46	16 32	2 25	8 1	2 2	11 33	0 55	20 16	0 25	21 27	0 11	20 46	0 11	T 3
F 4	22 11	24 43	2 54	16 29	2 29	8 22	2 5	11 47	0 55	20 14	0 25	21 26	0 11	20 46	0 11	F 4
S 5	22 19	21 17	1 54	16 30	2 31	8 44	2 7	12 0	0 54	20 12	0 25	21 25	0 11	20 46	0 11	S 5
S 6	22 26	16 58	0 50	16 35	2 32	9 5	2 9	12 13	0 54	20 9	0 26	21 24	0 11	20 45	0 11	S 6
M 7	22 33	12 3	0s14	16 43	2 32	9 27	2 11	12 26	0 54	20 6	0 26	21 23	0 11	20 45	0 11	M 7
T 8	22 39	6 47	1 17	16 54	2 31	9 48	2 13	12 38	0 53	20 4	0 26	21 22	0 11	20 44	0 11	T 8
W 9	22 45	1 19	2 16	17 7	2 28	10 10	2 15	12 51	0 53	20 1	0 26	21 21	0 11	20 44	0 11	W 9
T 10	22 51	4s 9	3 9	17 22	2 25	10 31	2 17	13 4	0 53	19 59	0 26	21 20	0 11	20 43	0 11	T 10
F 11	22 56	9 30	3 54	17 38	2 20	10 52	2 18	13 16	0 52	19 56	0 26	21 20	0 11	20 43	0 11	F 11
S 12	23 0	14 34	4 29	17 56	2 15	11 14	2 20	13 29	0 52	19 53	0 26	21 19	0 11	20 42	0 11	S 12
S 13	23 4	19 9	4 53	18 15	2 10	11 35	2 21	13 41	0 52	19 50	0 26	21 18	0 11	20 42	0 11	S 13
M14	23 8	23 0	5 3	18 35	2 4	11 56	2 22	13 54	0 51	19 48	0 26	21 17	0 11	20 42	0 11	M14
T 15	23 11	25 51	4 59	18 55	1 58	12 16	2 23	14 6	0 51	19 45	0 26	21 16	0 11	20 41	0 11	T 15
W16	23 14	27 23	4 39	19 15	1 51	12 37	2 24	14 18	0 51	19 42	0 26	21 15	0 11	20 41	0 11	W16
T 17	23 16	27 25	4 4	19 36	1 44	12 58	2 24	14 30	0 50	19 39	0 26	21 14	0 11	20 40	0 11	T 17
F 18	23 18	25 49	3 14	19 56	1 37	13 18	2 25	14 42	0 50	19 36	0 26	21 13	0 11	20 40	0 11	F 18
S 19	23 20	22 40	2 13	20 16	1 30	13 38	2 26	14 54	0 50	19 33	0 26	21 12	0 11	20 40	0 11	S 19
S 20	23 21	18 12	1 3	20 35	1 22	13 58	2 26	15 5	0 49	19 30	0 26	21 11	0 11	20 39	0 11	S 20
M21	23 21	12 43	0n11	20 54	1 14	14 17	2 26	15 17	0 49	19 27	0 26	21 9	0 11	20 39	0 11	M21
T 22	23 21	6 34	1 26	21 13	1 7	14 37	2 26	15 28	0 49	19 24	0 26	21 8	0 11	20 38	0 11	T 22
W23	23 20	0 4	2 35	21 30	0 59	14 56	2 26	15 40	0 48	19 21	0 26	21 7	0 11	20 38	0 11	W23
T 24	23 20	6n26	3 35	21 47	0 51	15 15	2 26	15 51	0 48	19 18	0 26	21 6	0 11	20 38	0 11	T 24
F 25	23 18	12 37	4 22	22 3	0 44	15 34	2 26	16 2	0 47	19 15	0 26	21 5	0 11	20 37	0 11	F 25
S 26	23 16	18 9	4 54	22 19	0 36	15 52	2 26	16 13	0 47	19 12	0 26	21 4	0 11	20 37	0 11	S 26
S 27	23 14	22 41	5 7	22 33	0 29	16 10	2 25	16 24	0 47	19 9	0 27	21 3	0 11	20 36	0 11	S 27
M28	23 11	25 52	5 2	22 46	0 21	16 28	2 25	16 35	0 46	19 6	0 27	21 2	0 11	20 36	0 11	M28
T 29	23 8	27 27	4 39	22 58	0 14	16 45	2 24	16 46	0 46	19 2	0 27	21 1	0 11	20 36	0 11	T 29
W30	23 4	27 21	4 1	23 10	0 6	17 2	2 23	16 56	0 45	18 59	0 27	21 0	0 11	20 35	0 11	W30
T 31	23s 0	25n40	3n10	23s20	0s 1	17s19	2n23	17s 7	0n45	18s56	0s27	20s58	0n 9	20n35	0s11	T 31

Julian Day Number = 2706088.5, Delta T = 27m00s  
Ecliptic obliquity = 23°21'03, Nutation = 0°00'08  
Ayanamsha: Fagan/Bradley = 34°29'24, Lahiri = 33°36'24

## ASTRODIENST EPHEMERIS for the year 2697

JANUARY 2697

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	6 44 43	10°34'21"	28°00'	28°11'	29°08'	21°14'	7°33'	24°45'	3°R22	4°R54	3°R 1	22°R52	24°28'	3°14'	25°37'	F 1
S 2	6 48 39	11°44'24"	10°02'42"	29°42'	0°20'	21°52'	7°16'	24°52'	3°II21	4°R53	3°R 0	22°R49	24°25'	3°21'	25°10'	S 2
S 3	6 52 36	12°45'27"	23° 8'	1°31'	1°31'	22°30'	7°29'	24°59'	3°19'	4°53'	2°59'	22°D48	24°22'	3°28'	25°14'	S 3
M 4	6 56 33	13°46'31"	5°17'18"	2°45'	2°42'	23° 8'	7°43'	25° 6'	3°17'	4°53'	2°59'	22°49'	24°19'	3°34'	25°18'	M 4
T 5	7 0 29	14°47'36"	17°16'	4°17'	3°54'	23°46'	7°57'	25°13'	3°15'	4°52'	2°58'	22°51'	24°15'	3°41'	25°21'	T 5
W 6	7 4 26	15°48'41"	29° 8'	5°49'	5° 6'	24°24'	8°10'	25°20'	3°14'	4°52'	2°57'	22°52'	24°12'	3°48'	25°25'	W 6
T 7	7 8 22	16°49'47"	10°05'58"	7°22'	6°17'	25° 2'	8°24'	25°27'	3°12'	4°52'	2°56'	22°54'	24° 9'	3°54'	25°29'	T 7
F 8	7 12 19	17°50'54"	22°50'	8°55'	7°29'	25°40'	8°37'	25°34'	3°10'	4°51'	2°55'	22°R54	24° 6'	4° 1'	25°33'	F 8
S 9	7 16 15	18°52'01"	4°15'50"	10°28'	8°41'	26°18'	8°51'	25°41'	3° 9'	4°51'	2°54'	22°52'	24° 3'	4° 8'	25°37'	S 9
S 10	7 20 12	19°53'08"	17° 3'	12° 1'	9°53'	26°56'	9° 5'	25°48'	3° 7'	4°51'	2°53'	22°49'	24° 0'	4°14'	25°41'	S 10
M11	7 24 8	20°54'17"	29°33'	13°35'	11° 5'	27°34'	9°19'	25°55'	3° 6'	4°51'	2°52'	22°45'	23°56'	4°21'	25°45'	M11
T 12	7 28 5	21°55'25"	12°27'23"	15° 9'	12°17'	28°12'	9°32'	26° 2'	3° 4'	4°51'	2°51'	22°40'	23°53'	4°28'	25°49'	T 12
W13	7 32 2	22°56'34"	25°34'	16°43'	13°29'	28°49'	9°46'	26° 9'	3° 3'	4°51'	2°50'	22°35'	23°50'	4°34'	25°53'	W13
T 14	7 35 58	23°57'43"	9°36'	18°18'	14°42'	29°27'	10° 0'	26°17'	3° 2'	4°D51	2°49'	22°30'	23°47'	4°41'	25°57'	T 14
F 15	7 39 55	24°58'52"	22°58'	19°53'	15°54'	0°21' 5	10°14'	26°24'	3° 1'	4°51'	2°48'	22°26'	23°44'	4°48'	26° 1'	F 15
S 16	7 43 51	26° 0'01"	7°35' 5	21°28'	17° 6'	0°43'	10°28'	26°31'	2°59'	4°51'	2°47'	22°24'	23°41'	4°54'	26° 5'	S 16
S 17	7 47 48	27° 1'10"	21°24'	23° 4'	18°19'	1°21'	10°42'	26°38'	2°58'	4°51'	2°46'	22°D23	23°37'	5° 1'	26° 9'	S 17
M18	7 51 44	28° 2'19"	5°14'49"	24°40'	19°31'	1°59'	10°56'	26°45'	2°57'	4°51'	2°44'	22°24'	23°34'	5° 8'	26°13'	M18
T 19	7 55 41	29° 3'27"	20°15'	26°17'	20°44'	2°37'	11°10'	26°52'	2°56'	4°51'	2°43'	22°25'	23°31'	5°14'	26°18'	T 19
W20	7 59 37	0°35'43"	4°17'37"	27°53'	21°57'	3°15'	11°24'	26°59'	2°55'	4°51'	2°42'	22°27'	23°28'	5°21'	26°22'	W20
T 21	8 3 34	1° 5'42"	18°54'	29°31'	23° 9'	3°52'	11°38'	27° 6'	2°54'	4°51'	2°41'	22°28'	23°25'	5°28'	26°26'	T 21
F 22	8 7 31	2° 6'49"	3°18' 2	1°38' 9	24°22'	4°30'	11°52'	27°13'	2°53'	4°52'	2°40'	22°R28	23°21'	5°34'	26°30'	F 22
S 23	8 11 27	3° 7'56"	16°59'	2°47'	25°35'	5° 8'	12° 6'	27°20'	2°52'	4°52'	2°38'	22°28'	23°18'	5°41'	26°35'	S 23
S 24	8 15 24	4° 9'02"	0°14'26"	4°26'	26°48'	5°46'	12°20'	27°28'	2°51'	4°52'	2°37'	22°26'	23°15'	5°48'	26°39'	S 24
M25	8 19 20	5°10'07"	14°20'	6° 5'	28° 1'	6°24'	12°35'	27°35'	2°50'	4°53'	2°36'	22°24'	23°12'	5°54'	26°43'	M25
T 26	8 23 17	6°11'12"	27°41'	7°45'	29°14'	7° 1'	12°49'	27°42'	2°50'	4°53'	2°35'	22°21'	23° 9'	6° 1'	26°48'	T 26
W27	8 27 13	7°12'16"	10°05'50"	9°25'	0°32'27"	7°39'	13° 3'	27°49'	2°49'	4°53'	2°33'	22°19'	23° 6'	6° 8'	26°52'	W27
T 28	8 31 10	8°13'19"	23°45'	11° 6'	1°40'	8°17'	13°17'	27°56'	2°48'	4°54'	2°32'	22°17'	23° 2'	6°14'	26°57'	T 28
F 29	8 35 6	9°14'22"	6°12'26"	12°47'	2°53'	8°55'	13°31'	28° 3'	2°48'	4°54'	2°31'	22°16'	22°59'	6°21'	27° 1'	F 29
S 30	8 39 3	10°15'25"	18°54'	14°28'	4° 6'	9°32'	13°45'	28°10'	2°47'	4°55'	2°30'	22°D15	22°56'	6°28'	27° 5'	S 30
S 31	8 43 0	11°16'26"	1°17'10"	16°31'11"	5°31'19"	10°21'10"	14°35' 0	28°31'17"	2°46'46"	4°55'55"	2°28'28"	22°16'16"	22°55'53"	6°35'35"	27°35'10"	S 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s55	22n37	2n10	23s29	0s 8	17s35	2n22	17s17	0n44	18s53	0s27	20s57	0n 9	20n35	0s11	11n31	1s41	19n 8	9n25	13s51	13s19	4s15	7s34	5n52									
S 2	22 50	18 32	1 5	23 36	0 15	17 51	2 21	17 27	0 44	18 49	0 27	20 56	0 9	20 34	0 11	11 31	1 41	19 8	9 26	13 52	13 20	4 18	7 33	5 52									
S 3	22 44	13 44	0s 2	23 43	0 22	18 7	2 20	17 37	0 44	18 46	0 27	20 55	0 9	20 34	0 11	11 31	1 41	19 9	9 26	13 52	13 21	4 21	7 32	5 51									
M 4	22 38	8 29	1 7	23 48	0 29	18 22	2 18	17 47	0 43	18 42	0 27	20 54	0 9	20 34	0 11	11 31	1 41	19 10	9 26	13 52	13 22	4 25	7 31	5 51									
T 5	22 32	3 1	2 9	23 53	0 36	18 36	2 17	17 57	0 43	18 39	0 27	20 53	0 8	20 33	0 10	11 31	1 41	19 10	9 26	13 51	13 23	4 28	7 30	5 51									
W 6	22 25	2s29	3 5	23 56	0 42	18 51	2 16	18 7	0 42	18 36	0 27	20 51	0 8	20 33	0 10	11 31	1 41	19 11	9 27	13 50	13 24	4 31	7 29	5 50									
T 7	22 18	7 53	3 53	23 57	0 49	19 4	2 14	18 17	0 42	18 32	0 27	20 50	0 8	20 33	0 10	11 31	1 41	19 11	9 27	13 50	13 25	4 34	7 28	5 50									
F 8	22 10	13 2	4 31	23 58	0 55	19 18	2 13	18 26	0 41	18 29	0 27	20 49	0 8	20 33	0 10	11 31	1 41	19 12	9 27	13 50	13 26	4 38	7 27	5 50									
S 9	22 2	17 45	4 57	23 57	1 1	19 31	2 11	18 35	0 41	18 25	0 27	20 48	0 8	20 32	0 10	11 31	1 41	19 12	9 28	13 51	13 27	4 41	7 26	5 50									
S 10	21 53	21 50	5 11	23 55	1 6	19 43	2 9	18 45	0 40	18 22	0 27	20 46	0 8	20 32	0 10	11 30	1 41	19 13	9 28	13 52	13 28	4 44	7 25	5 49									
M11	21 44	25 2	5 10	23 51	1 12	19 55	2 7	18 54	0 40	18 18	0 27	20 45	0 8	20 32	0 10	11 31	1 41	19 14	9 28	13 53	13 30	4 47	7 24	5 49									
T 12	21 34	27 3	4 54	23 47	1 17	20 6	2 6	19 3	0 39	18 14	0 27	20 44	0 8	20 32	0 10	11 31	1 41	19 14	9 28	13 55	13 31	4 51	7 23	5 49									
W13	21 24	27 39	4 22	23 40	1 22	20 17	2 4	19 11	0 39	18 11	0 28	20 43	0 8	20 31	0 10	11 31	1 41	19 15	9 29	13 56	13 32	4 54	7 22	5 49									
T 14	21 14	26 37	3 35	23 33	1 27	20 28	2 2	19 20	0 38	18 7	0 28	20 41	0 8	20 31	0 10	11 31	1 40	19 16	9 29	13 58	13 33	4 57	7 21	5 48									
F 15	21 3	23 57	2 35	23 24	1 32	20 38	1 59	19 29	0 38	18 3	0 28	20 40	0 8	20 31	0 10	11 31	1 40	19 16	9 29	13 59	13 34	5 0	7 20	5 48									
S 16	20 52	19 46	1 23	23 14	1 36	20 47	1 57	19 37	0 37	18 0	0 28	20 39	0 8	20 31	0 10	11 31	1 40	19 17	9 29	14 0	13 35	5 4	7 19	5 48									
S 17	20 41	14 24	0 5	23 2	1 41	20 56	1 55	19 45	0 37	17 56	0 28	20 38	0 8	20 30	0 10	11 31	1 40	19 17	9 30	14 0	13 36	5 7	7 18	5 48									
M18	20 29	8 13	1n13	22 50	1 45	21 4	1 53	19 53	0 36	17 52	0 28	20 36	0 8	20 30	0 10	11 31	1 40	19 18	9 30	14 0	13 37	5 10	7 16	5 47									
T 19	20 16	1 35	2 27	22 35	1 48	21 11	1 50	20 1	0 36	17 48	0 28	20 35	0 7	20 30	0 10	11 31	1 40	19 19	9 30	13 59	13 38	5 13	7 15	5 47									
W20	20 4	5n 5	3 32	22 20	1 51	21 19	1 48	20 9	0 35	17 45	0 28	20 34	0 7	20 30	0 10	11 31	1 40	19 19	9 30	13 59	13 39	5 17	7 14	5 47									
T 21	19 50	11 26	4 23	22 3	1 55	21 25	1 46	20 17	0 35	17 41	0 28	20 32	0 7	20 30	0 10	11 31	1 40	19 20	9 31	13 58	13 40	5 20	7 13	5 47									
F 22	19 37	17 8	4 58	21 44	1 57	21 31	1 43	20 24	0 34	17 37	0 28	20 31	0 7	20 29	0 10	11 31	1 40	19 21	9 31	13 58	13 41	5 23	7 12	5 47									
S 23	19 23	21 52	5 14	21 24	2 0	21 36	1 41	20 32	0 33	17 33	0 28	20 30	0 7	20 29	0 10	11 31	1 40	19 21	9 31	13 59	13 42	5 26	7 10	5 46									
S 24	19 9	25 19	5 12	21 3	2 2	21 41	1 38	20 39	0 33	17 29	0 28	20 29	0 7	20 29	0 10	11 32	1 40	19 22	9 31	13 59	13 43	5 30	7 9	5 46									
M25	18 54	27 17	4 53	20 41	2 3	21 45	1 35	20 46	0 32	17 25	0 28	20 27	0 7	20 29	0 10	11 32	1 40	19 23	9 31	14 0	13 44	5 33	7 8	5 46									
T 26	18 39	27 38	4 18	20 17	2 5	21 48	1 33	20 53	0 32	17 22	0 28	20 26	0 7	20 29	0 10	11 32	1 40	19 23	9 32	14 1	13 45	5 36	7 7	5 46									
W27	18 24	26 23	3 30	19 51	2 6	21 51	1 30	21 0	0 31	17 18	0 29	20 25	0 7	20 29	0 10	11 32	1 40	19 24	9 32	14 1	13 46	5 39	7 5	5 46									
T 28	18 9	23 45	2 31	19 24	2 6	21 53	1 27	21 6	0 31	17 14	0 29	20 23	0 7	20 29	0 10	11 32	1 40	19 25	9 32	14 2	13 47	5 43	7 4	5 45									
F 29	17 53	19 59	1 27	18 56	2 7	21 55	1 24	21 13	0 30	17 10	0 29	20 22	0 7	20 29	0 10	11 33	1 40	19 25	9 32	14 2	13 48	5 46	7 3	5 45									
S 30	17 36	15 24	0 19	18 27	2 6	21 56	1 21	21 19	0 29	17 6	0 29	20 21	0 7	20 28	0 10	11 33	1 40	19 26	9 32	14 2	13 49	5 49	7 1	5 45									
S 31	17s20	10n15	0s49	17s56	2s 6	21s56	1n18	21s25	0n29	17s 2	0s29	20s19	0n 7	20n28	0s10	11n33	1s40	19n27	9n33	14s 2	13s50	5s52	7s 0	5n45									

## ASTRODIENST EPHEMERIS for the year 2697

FEBRUARY 2697

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	8 46 56	12°17'28"	13°11'16"	17°53'32"	6°33'22"	10°24'48"	14°14'14"	28°32'24"	2°R46	4°56'56"	2°R27	22°16'16"	22°50'50"	6°41'41"	27°14'14"	M 1
T 2	8 50 53	13°18'28"	25°12'12"	19°36'7"	7°46'46"	11°26'26"	14°28'28"	28°31'31"	2°II46	4°57'57"	2°R25	22°17'17"	22°46'46"	6°48'48"	27°19'19"	T 2
W 3	8 54 49	14°19'29"	7°4'4"	21°20'20"	8°59'59"	12°3'3"	14°42'42"	28°38'38"	2°45'45"	4°57'57"	2°24'24"	22°18'18"	22°43'43"	6°55'55"	27°23'23"	W 3
T 4	8 58 46	15°20'28"	18°54'54"	23°3'3"	10°12'12"	12°41'41"	14°56'56"	28°44'44"	2°45'45"	4°58'58"	2°23'23"	22°19'19"	22°40'40"	7°1'1"	27°28'28"	T 4
F 5	9 2 42	16°21'28"	0°11'46"	24°47'47"	11°26'26"	13°19'19"	15°10'10"	28°51'51"	2°45'45"	4°59'59"	2°21'21"	22°19'19"	22°37'37"	7°8'8"	27°32'32"	F 5
S 6	9 6 39	17°22'27"	12°45'45"	26°31'31"	12°39'39"	13°56'56"	15°25'25"	28°58'58"	2°45'45"	4°59'59"	2°20'20"	22°R20	22°34'34"	7°15'15"	27°37'37"	S 6
S 7	9 10 35	18°23'25"	24°55'55"	28°16'16"	13°53'53"	14°34'34"	15°39'39"	29°5'5"	2°44'44"	5°0'0"	2°19'19"	22°20'20"	22°31'31"	7°21'21"	27°41'41"	S 7
M 8	9 14 32	19°24'23"	7°22'22"	29°59'59"	15°6'6"	15°11'11"	15°53'53"	29°12'12"	2°44'44"	5°1'1"	2°17'17"	22°20'20"	22°27'27"	7°28'28"	27°46'46"	M 8
T 9	9 18 29	20°25'20"	20°9'9"	1°44'44"	16°20'20"	15°49'49"	16°7'7"	29°19'19"	2°D44	5°2'2"	2°16'16"	22°19'19"	22°24'24"	7°35'35"	27°51'51"	T 9
W10	9 22 25	21°26'17"	3°31'31"	3°27'27"	17°33'33"	16°27'27"	16°21'21"	29°26'26"	2°44'44"	5°3'3"	2°14'14"	22°19'19"	22°21'21"	7°41'41"	27°55'55"	W10
T 11	9 26 22	22°27'12"	16°55'55"	5°11'11"	18°47'47"	17°4'4"	16°36'36"	29°32'32"	2°44'44"	5°4'4"	2°13'13"	22°D19	22°18'18"	7°48'48"	28°0'0"	T 11
F 12	9 30 18	23°28'08"	0°56'56"	6°53'53"	20°1'1"	17°42'42"	16°50'50"	29°39'39"	2°45'45"	5°5'5"	2°11'11"	22°19'19"	22°15'15"	7°55'55"	28°4'4"	F 12
S 13	9 34 15	24°29'02"	15°19'19"	8°34'34"	21°14'14"	18°19'19"	17°4'4"	29°46'46"	2°45'45"	5°6'6"	2°10'10"	22°R19	22°12'12"	8°1'1"	28°9'9"	S 13
S 14	9 38 11	25°29'55"	29°59'59"	10°14'14"	22°28'28"	18°57'57"	17°18'18"	29°52'52"	2°45'45"	5°7'7"	2°8'8"	22°19'19"	22°8'8"	8°8'8"	28°13'13"	S 14
M15	9 42 8	26°30'47"	14°51'51"	11°52'52"	23°42'42"	19°34'34"	17°32'32"	29°59'59"	2°45'45"	5°8'8"	2°7'7"	22°19'19"	22°5'5"	8°15'15"	28°18'18"	M15
T 16	9 46 4	27°31'38"	29°46'46"	13°27'27"	24°55'55"	20°12'12"	17°46'46"	0°6'6"	2°46'46"	5°9'9"	2°6'6"	22°19'19"	22°2'2"	8°21'21"	28°23'23"	T 16
W17	9 50 1	28°32'27"	14°9'9"	15°0'0"	26°9'9"	20°49'49"	18°1'1"	0°12'12"	2°46'46"	5°10'10"	2°4'4"	22°18'18"	21°59'59"	8°28'28"	28°27'27"	W17
T 18	9 53 58	29°33'15"	29°33'15"	16°30'30"	27°23'23"	21°26'26"	18°15'15"	0°19'19"	2°46'46"	5°11'11"	2°3'3"	22°17'17"	21°56'56"	8°35'35"	28°32'32"	T 18
F 19	9 57 54	0°34'02"	13°34'34"	17°55'55"	28°37'37"	22°4'4"	18°29'29"	0°25'25"	2°47'47"	5°12'12"	2°1'1"	22°17'17"	21°52'52"	8°42'42"	28°36'36"	F 19
S 20	10 1 51	1°34'47"	27°36'36"	19°16'16"	29°50'50"	22°41'41"	18°43'43"	0°32'32"	2°47'47"	5°13'13"	2°0'0"	22°D16	21°49'49"	8°48'48"	28°41'41"	S 20
S 21	10 5 47	2°35'31"	11°11'11"	20°32'32"	1°44'44"	23°18'18"	18°57'57"	0°38'38"	2°48'48"	5°15'15"	1°58'58"	22°16'16"	21°46'46"	8°55'55"	28°45'45"	S 21
M22	10 9 44	3°36'13"	24°39'39"	21°42'42"	2°18'18"	23°56'56"	19°11'11"	0°44'44"	2°49'49"	5°16'16"	1°57'57"	22°17'17"	21°43'43"	9°2'2"	28°50'50"	M22
T 23	10 13 40	4°36'53"	7°54'54"	22°45'45"	3°32'32"	24°33'33"	19°25'25"	0°51'51"	2°49'49"	5°17'17"	1°55'55"	22°18'18"	21°40'40"	9°8'8"	28°55'55"	T 23
W24	10 17 37	5°37'32"	20°30'30"	23°41'41"	4°46'46"	25°10'10"	19°39'39"	0°57'57"	2°50'50"	5°19'19"	1°54'54"	22°19'19"	21°37'37"	9°15'15"	28°59'59"	W24
T 25	10 21 33	6°38'10"	3°10'10"	24°28'28"	6°0'0"	25°47'47"	19°53'53"	1°3'3"	2°51'51"	5°20'20"	1°52'52"	22°20'20"	21°33'33"	9°22'22"	29°4'4"	T 25
F 26	10 25 30	7°38'45"	15°26'26"	25°7'7"	7°13'13"	26°25'25"	20°7'7"	1°9'9"	2°52'52"	5°21'21"	1°51'51"	22°21'21"	21°30'30"	9°28'28"	29°8'8"	F 26
S 27	10 29 27	8°39'19"	27°38'38"	25°36'36"	8°27'27"	27°2'2"	20°20'20"	1°15'15"	2°53'53"	5°23'23"	1°49'49"	22°R21	21°27'27"	9°35'35"	29°13'13"	S 27
S 28	10 33 23	9°39'52"	9°11'43"	25°56'56"	9°44'44"	27°39'39"	20°34'34"	1°22'22"	2°II54	5°24'24"	1°11'11"	22°20'20"	21°24'24"	9°42'42"	29°17'17"	S 28

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	17s 3	4n48	1s54	17s23	2s 4	21s56	1n15	21s31	0n28	16s58	0s29	20s18	0n 7	20n28	0s10	11n33	1s39	19n27	9n33	14s 2	13s51	5s56	6s59	5n45			
T 2	16 46	0s45	2 53	16 50	2 3	21 55	1 13	21 37	0 27	16 54	0 29	20 17	0 6	20 28	0 10	11 34	1 39	19 28	9 33	14 2	13 52	5 59	6 57	5 45			
W 3	16 28	6 13	3 44	16 15	2 1	21 53	1 10	21 43	0 27	16 50	0 29	20 15	0 6	20 28	0 10	11 34	1 39	19 29	9 33	14 2	13 53	6 2	6 56	5 45			
T 4	16 11	11 28	4 25	15 38	1 58	21 51	1 7	21 48	0 26	16 46	0 29	20 14	0 6	20 28	0 10	11 34	1 39	19 29	9 33	14 1	13 54	6 5	6 54	5 44			
F 5	15 53	16 18	4 55	15 1	1 55	21 48	1 4	21 54	0 25	16 42	0 29	20 13	0 6	20 28	0 10	11 34	1 39	19 30	9 33	14 1	13 55	6 8	6 53	5 44			
S 6	15 34	20 34	5 13	14 22	1 51	21 45	1 0	21 59	0 25	16 37	0 29	20 11	0 6	20 28	0 10	11 35	1 39	19 31	9 34	14 1	13 57	6 12	6 52	5 44			
S 7	15 16	24 3	5 17	13 42	1 46	21 41	0 57	22 4	0 24	16 33	0 29	20 10	0 6	20 28	0 10	11 35	1 39	19 31	9 34	14 1	13 58	6 15	6 50	5 44			
M 8	14 57	26 30	5 7	13 1	1 41	21 36	0 54	22 9	0 23	16 29	0 30	20 9	0 6	20 28	0 10	11 35	1 39	19 32	9 34	14 1	13 59	6 18	6 49	5 44			
T 9	14 38	27 39	4 41	12 19	1 36	21 31	0 51	22 13	0 23	16 25	0 30	20 7	0 6	20 28	0 10	11 36	1 39	19 32	9 34	14 1	14 0	6 21	6 47	5 44			
W10	14 18	27 18	4 0	11 35	1 29	21 25	0 48	22 18	0 22	16 21	0 30	20 6	0 6	20 28	0 10	11 36	1 39	19 33	9 34	14 1	14 1	6 24	6 46	5 44			
T 11	13 59	25 20	3 4	10 51	1 22	21 18	0 45	22 22	0 21	16 17	0 30	20 5	0 6	20 28	0 10	11 36	1 39	19 34	9 34	14 1	14 2	6 28	6 44	5 44			
F 12	13 39	21 46	1 56	10 6	1 14	21 11	0 42	22 27	0 20	16 13	0 30	20 3	0 6	20 28	0 10	11 37	1 39	19 34	9 34	14 1	14 3	6 31	6 43	5 44			
S 13	13 19	16 48	0 39	9 21	1 6	21 3	0 39	22 31	0 20	16 8	0 30	20 2	0 6	20 28	0 10	11 37	1 39	19 35	9 34	14 1	14 4	6 34	6 42	5 44			
S 14	12 58	10 46	0n43	8 35	0 57	20 54	0 36	22 35	0 19	16 4	0 30	20 1	0 6	20 28	0 10	11 38	1 39	19 36	9 35	14 1	14 5	6 37	6 40	5 43			
M15	12 38	4 4	2 2	7 49	0 47	20 45	0 33	22 38	0 18	16 0	0 30	19 59	0 6	20 28	0 10	11 38	1 39	19 36	9 35	14 1	14 6	6 40	6 39	5 43			
T 16	12 17	2n52	3 13	7 2	0 36	20 35	0 29	22 42	0 17	15 56	0 30	19 58	0 6	20 28	0 10	11 38	1 39	19 37	9 35	14 1	14 7	6 44	6 37	5 43			
W17	11 56	9 35	4 11	6 16	0 25	20 25	0 26	22 45	0 17	15 52	0 30	19 57	0 5	20 29	0 10	11 39	1 39	19 38	9 35	14 2	14 8	6 47	6 36	5 43			
T 18	11 35	15 42	4 52	5 30	0 12	20 14	0 23	22 49	0 16	15 47	0 30	19 55	0 5	20 29	0 10	11 39	1 39	19 38	9 35	14 2	14 9	6 50	6 34	5 43			
F 19	11 14	20 50	5 14	4 45	0n 1	20 2	0 20	22 52	0 15	15 43	0 31	19 54	0 5	20 29	0 10	11 40	1 39	19 39	9 35	14 2	14 10	6 53	6 33	5 43			
S 20	10 52	24 40	5 16	4 1	0 14	19 50	0 17	22 55	0 14	15 39	0 31	19 53	0 5	20 29	0 10	11 40	1 38	19 39	9 35	14 2	14 11	6 56	6 31	5 43			
S 21	10 31	27 0	5 0	3 18	0 28	19 37	0 14	22 58	0 13	15 35	0 31	19 51	0 5	20 29	0 10	11 40	1 38	19 40	9 35	14 2	14 12	7 0	6 30	5 43			
M22	10 9	27 42	4 28	2 37	0 43	19 24	0 11	23 0	0 13	15 30	0 31	19 50	0 5	20 29	0 10	11 41	1 38	19 41	9 35	14 2	14 13	7 3	6 28	5 43			
T 23	9 47	26 50	3 43	1 59	0 58	19 10	0 8	23 3	0 12	15 26	0 31	19 49	0 5	20 29	0 10	11 41	1 38	19 41	9 35	14 2	14 14	7 6	6 26	5 43			
W24	9 25	24 33	2 47	1 22	1 14	18 56	0 5	23 5	0 11	15 22	0 31	19 48	0 5	20 29	0 10	11 42	1 38	19 42	9 35	14 1	14 15	7 9	6 25	5 43			
T 25	9 3	21 6	1 45	0 49	1 29	18 41	0 2	23 7	0 10	15 18	0 31	19 46	0 5	20 30	0 10	11 42	1 38	19 42	9 35	14 1	14 16	7 12	6 23	5 43			
F 26	8 40	16 45	0 38	0 20	1 45	18 25	0s 1	23 9	0 9	15 13	0 31	19 45	0 5	20 30	0 10	11 43	1 38	19 43	9 36	14 1	14 17	7 16	6 22	5 43			
S 27	8 18	11 47	0s29	0n 6	2 0	18 9	0 4	23 11	0 8	15 9	0 31	19 44	0 5	20 30	0 10	11 43	1 38	19 44	9 36	14 1	14 18	7 19	6 20	5 43			
S 28	7s55	6n26	1s35	0n28	2n16	17s52	0s 7	23s12	0n 7	15s 5	0s32	19s42	0n 5	20n30	0s10	11n44	1s38	19n44	9n36	14s 1	14s19	7s22	6s19	5n43			

## ASTRODIENST EPHEMERIS for the year 2697

MARCH 2697

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	10 37 20	10°40'23	21°41	26°R 5	10°55	28°16	20°48	1°28	2°11	5°26	1°R47	22°R18	21°21	9°48	29°22	M 1
T 2	10 41 16	11°40'53	3°43	26°H 4	12° 9	28°53	21° 2	1°34	2°56	5°27	1°44	22°16	21°18	9°55	29°26	T 2
W 3	10 45 13	12°41'21	15°25	25°53	13°23	29°30	21°16	1°40	2°57	5°29	1°44	22°12	21°14	10° 2	29°31	W 3
T 4	10 49 9	13°41'48	27°15	25°32	14°37	0°37	21°29	1°45	2°58	5°30	1°42	22° 9	21°11	10° 8	29°35	T 4
F 5	10 53 6	14°42'14	9°11	25° 1	15°51	0°44	21°43	1°51	2°59	5°32	1°41	22° 5	21° 8	10°15	29°40	F 5
S 6	10 57 2	15°42'38	21° 8	24°22	17° 5	1°21	21°57	1°57	3° 1	5°33	1°39	22° 2	21° 5	10°22	29°44	S 6
S 7	11 0 59	16°43'01	3°16	23°35	18°19	1°58	22°10	2° 3	3° 2	5°35	1°38	22° 0	21° 2	10°29	29°48	S 7
M 8	11 4 56	17°43'23	15°39	22°42	19°33	2°35	22°24	2° 9	3° 3	5°37	1°37	21°D59	20°58	10°35	29°53	M 8
T 9	11 8 52	18°43'43	28°20	21°44	20°47	3°12	22°37	2°14	3° 5	5°38	1°35	22° 0	20°55	10°42	29°57	T 9
W10	11 12 49	19°44'02	11°23	20°42	22° 1	3°49	22°51	2°20	3° 6	5°40	1°34	22° 1	20°52	10°49	0°H 2	W10
T 11	11 16 45	20°44'19	24°52	19°39	23°15	4°26	23° 4	2°25	3° 8	5°42	1°32	22° 3	20°49	10°55	0° 6	T 11
F 12	11 20 42	21°44'35	8°48	18°35	24°29	5° 3	23°18	2°31	3° 9	5°43	1°31	22° 4	20°46	11° 2	0°10	F 12
S 13	11 24 38	22°44'49	23°11	17°32	25°43	5°39	23°31	2°36	3°11	5°45	1°30	22°R 4	20°43	11° 9	0°15	S 13
S 14	11 28 35	23°45'02	7°58	16°32	26°57	6°16	23°44	2°41	3°12	5°47	1°28	22° 4	20°39	11°15	0°19	S 14
M15	11 32 31	24°45'13	23° 3	15°36	28°11	6°53	23°57	2°47	3°14	5°49	1°27	22° 1	20°36	11°22	0°23	M15
T 16	11 36 28	25°45'23	8°16	14°45	29°26	7°29	24°11	2°52	3°16	5°51	1°26	21°57	20°33	11°29	0°27	T 16
W17	11 40 25	26°45'30	23°28	13°58	0°H40	8° 6	24°24	2°57	3°18	5°52	1°24	21°52	20°30	11°35	0°32	W17
T 18	11 44 21	27°45'35	8°28	13°18	1°54	8°42	24°37	3° 2	3°19	5°54	1°23	21°47	20°27	11°42	0°36	T 18
F 19	11 48 18	28°45'39	23° 8	12°45	3° 8	9°19	24°50	3° 7	3°21	5°56	1°22	21°42	20°24	11°49	0°40	F 19
S 20	11 52 14	29°45'40	7°12	12°18	4°22	9°55	25° 3	3°12	3°23	5°58	1°21	21°38	20°20	11°56	0°44	S 20
S 21	11 56 11	0°Y45'40	21°12	11°57	5°36	10°32	25°16	3°17	3°25	6° 0	1°19	21°36	20°17	12° 2	0°48	S 21
M22	12 0 7	1°45'37	4°34	11°44	6°50	11° 8	25°29	3°22	3°27	6° 2	1°18	21°D36	20°14	12° 9	0°52	M22
T 23	12 4 4	2°45'32	17°31	11°36	8° 4	11°44	25°41	3°26	3°29	6° 4	1°17	21°37	20°11	12°16	0°56	T 23
W24	12 8 0	3°45'25	0°12	11°D35	9°18	12°20	25°54	3°31	3°31	6° 6	1°16	21°38	20° 8	12°22	1° 0	W24
T 25	12 11 57	4°45'15	12°30	11°41	10°32	12°57	26° 7	3°36	3°34	6° 8	1°14	21°39	20° 4	12°29	1° 4	T 25
F 26	12 15 54	5°45'03	24°40	11°52	11°46	13°33	26°19	3°40	3°36	6°10	1°13	21°R40	20° 1	12°36	1° 8	F 26
S 27	12 19 50	6°44'50	6°14	12° 8	13° 0	14° 9	26°32	3°45	3°38	6°12	1°12	21°38	19°58	12°42	1°12	S 27
S 28	12 23 47	7°44'34	18°35	12°30	14°15	14°45	26°44	3°49	3°40	6°14	1°11	21°35	19°55	12°49	1°16	S 28
M29	12 27 43	8°44'16	0°12	12°56	15°29	15°21	26°57	3°53	3°42	6°16	1°10	21°29	19°52	12°56	1°20	M29
T 30	12 31 40	9°43'56	12°18	13°28	16°43	15°57	27° 9	3°57	3°45	6°18	1° 9	21°21	19°49	13° 2	1°24	T 30
W31	12 35 36	10°Y43'34	24°12	14°H 3	17°H57	16°32	27°21	4° 2	3°11	6°20	1°11	21°12	19°45	13°12	1°H28	W31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	7s32	0n55	2s35	0n45	2n30	17s35	0s10	23s14	0n 6	15s 0	0s32	19s41	0n 5	20n30	0s10	M 1
T 2	7 9	4s36	3 28	0 57	2 44	17 18	0 13	23 15	0 6	14 56	0 32	19 40	0 5	20 31	0 10	T 2
W 3	6 46	9 56	4 12	1 5	2 57	17 0	0 16	23 16	0 5	14 52	0 32	19 39	0 4	20 31	0 10	W 3
T 4	6 23	14 54	4 45	1 7	3 9	16 41	0 19	23 17	0 4	14 48	0 32	19 37	0 4	20 31	0 9	T 4
F 5	6 0	19 19	5 6	1 4	3 19	16 22	0 21	23 18	0 3	14 43	0 32	19 36	0 4	20 31	0 9	F 5
S 6	5 37	23 1	5 14	0 56	3 27	16 3	0 24	23 19	0 2	14 39	0 32	19 35	0 4	20 32	0 9	S 6
S 7	5 14	25 46	5 8	0 44	3 33	15 43	0 27	23 19	0 1	14 35	0 32	19 34	0 4	20 32	0 9	S 7
M 8	4 50	27 21	4 48	0 27	3 38	15 22	0 30	23 20	0s 0	14 30	0 32	19 33	0 4	20 32	0 9	M 8
T 9	4 27	27 34	4 13	0 6	3 40	15 1	0 32	23 20	0 1	14 26	0 33	19 31	0 4	20 33	0 9	T 9
W10	4 3	26 16	3 25	0s18	3 40	14 40	0 35	23 20	0 2	14 22	0 33	19 30	0 4	20 33	0 9	W10
T 11	3 39	23 26	2 24	0 45	3 37	14 18	0 37	23 20	0 3	14 18	0 33	19 29	0 4	20 33	0 9	T 11
F 12	3 16	19 9	1 12	1 14	3 33	13 56	0 40	23 20	0 4	14 13	0 33	19 28	0 4	20 33	0 9	F 12
S 13	2 52	13 39	0n 6	1 44	3 27	13 34	0 42	23 19	0 5	14 9	0 33	19 27	0 4	20 34	0 9	S 13
S 14	2 28	7 13	1 26	2 14	3 19	13 11	0 45	23 19	0 6	14 5	0 33	19 26	0 4	20 34	0 9	S 14
M15	2 5	0 17	2 41	2 45	3 9	12 48	0 47	23 18	0 7	14 1	0 33	19 24	0 4	20 34	0 9	M15
T 16	1 41	6n43	3 46	3 15	2 58	12 24	0 49	23 17	0 9	13 56	0 33	19 23	0 4	20 35	0 9	T 16
W17	1 17	13 19	4 34	3 44	2 45	12 0	0 52	23 16	0 10	13 52	0 34	19 22	0 4	20 35	0 9	W17
T 18	0 53	19 3	5 3	4 12	2 32	11 36	0 54	23 15	0 11	13 48	0 34	19 21	0 3	20 35	0 9	T 18
F 19	0 29	23 30	5 11	4 37	2 18	11 11	0 56	23 13	0 12	13 44	0 34	19 20	0 3	20 36	0 9	F 19
S 20	0 6	26 23	5 0	5 1	2 4	10 47	0 58	23 12	0 13	13 40	0 34	19 19	0 3	20 36	0 9	S 20
S 21	0n18	27 34	4 31	5 22	1 50	10 21	1 0	23 10	0 14	13 35	0 34	19 18	0 3	20 37	0 9	S 21
M22	0 42	27 4	3 48	5 41	1 35	9 56	1 2	23 9	0 15	13 31	0 34	19 17	0 3	20 37	0 9	M22
T 23	1 6	25 6	2 55	5 57	1 20	9 30	1 4	23 7	0 17	13 27	0 34	19 16	0 3	20 37	0 9	T 23
W24	1 29	21 54	1 54	6 11	1 6	9 4	1 6	23 5	0 18	13 23	0 35	19 15	0 3	20 38	0 9	W24
T 25	1 53	17 47	0 49	6 22	0 51	8 38	1 8	23 2	0 19	13 19	0 35	19 14	0 3	20 38	0 9	T 25
F 26	2 17	13 0	0s16	6 31	0 37	8 12	1 9	23 0	0 20	13 15	0 35	19 13	0 3	20 39	0 9	F 26
S 27	2 40	7 47	1 20	6 37	0 24	7 45	1 11	22 58	0 22	13 10	0 35	19 12	0 3	20 39	0 9	S 27
S 28	3 4	2 21	2 20	6 41	0 10	7 18	1 13	22 55	0 23	13 6	0 35	19 11	0 3	20 40	0 9	S 28
M29	3 27	3s 9	3 14	6 43	0s 3	6 51	1 14	22 52	0 24	13 2	0 35	19 10	0 3	20 40	0 9	M29
T 30	3 50	8 30	3 59	6 42	0 15	6 24	1 16	22 49	0 25	12 58	0 35	19 9	0 3	20 40	0 9	T 30
W31	4n14	13s34	4s33	6s40	0s27	5s56	1s17	22s46	0s27	12s54	0s36	19s 8	0n 3	20n41	0s 9	W31

Julian Day Number = 2706178.5, Delta T = 27m02s

Ecliptic obliquity = 23°21'03, Nutation = 0°00'12

Ayanamsha: Fagan/Bradley = 34°29'36, Lahiri = 33°36'36

## ASTRODIENST EPHEMERIS for the year 2697

APRIL 2697

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 39 33	11°43'10	6♈ 3	14°43	19°11	17°8	27°33	4°6	3°50	6°22	1°R 7	21°R 2	19°42	13°16	1°31	T 1
F 2	12 43 29	12°42'45	18° 1	15°26	20°25	17°44	27°45	4°10	3°52	6°24	1°R 6	20°52	19°39	13°23	1°35	F 2
S 3	12 47 26	13°42'17	0♈ 4	16°13	21°39	18°20	27°57	4°14	3°54	6°26	1° 5	20°44	19°36	13°29	1°39	S 3
S 4	12 51 22	14°41'48	12°16	17° 4	22°53	18°55	28° 9	4°17	3°57	6°28	1° 4	20°37	19°33	13°36	1°42	S 4
M 5	12 55 19	15°41'17	24°39	17°57	24° 7	19°31	28°21	4°21	3°59	6°31	1° 3	20°32	19°29	13°43	1°46	M 5
T 6	12 59 16	16°40'45	7♈ 17	18°54	25°21	20° 6	28°33	4°25	4° 2	6°33	1° 2	20°30	19°26	13°49	1°49	T 6
W 7	13 3 12	17°40'10	20°14	19°53	26°35	20°42	28°45	4°28	4° 5	6°35	1° 1	20°D29	19°23	13°56	1°53	W 7
T 8	13 7 9	18°39'34	3♈ 34	20°55	27°49	21°17	28°56	4°32	4° 7	6°37	1° 0	20°30	19°20	14° 3	1°56	T 8
F 9	13 11 5	19°38'56	17°19	22° 0	29° 4	21°52	29° 8	4°35	4°10	6°39	0°59	20°R31	19°17	14° 9	2° 0	F 9
S 10	13 15 2	20°38'17	1°31	23° 7	0°Y18	22°28	29°19	4°38	4°13	6°41	0°58	20°30	19°14	14°16	2° 3	S 10
S 11	13 18 58	21°37'35	16° 9	24°17	1°32	23° 3	29°30	4°42	4°15	6°44	0°57	20°28	19°10	14°23	2° 7	S 11
M12	13 22 55	22°36'52	1°Y 9	25°28	2°46	23°38	29°42	4°45	4°18	6°46	0°56	20°23	19° 7	14°30	2°10	M12
T 13	13 26 51	23°36'07	16°23	26°42	4° 0	24°13	29°53	4°48	4°21	6°48	0°56	20°15	19° 4	14°36	2°13	T 13
W14	13 30 48	24°35'20	18°41	27°58	5°14	24°48	0°H 4	4°51	4°24	6°50	0°55	20° 6	19° 1	14°43	2°16	W14
T 15	13 34 45	25°34'31	16°52	29°16	6°28	25°22	0°15	4°54	4°27	6°53	0°54	19°56	18°58	14°50	2°20	T 15
F 16	13 38 41	26°33'40	1°H46	0°Y35	7°42	25°57	0°26	4°57	4°30	6°55	0°53	19°47	18°55	14°56	2°23	F 16
S 17	13 42 38	27°32'46	16°13	1°57	8°56	26°32	0°36	4°59	4°33	6°57	0°53	19°39	18°51	15° 3	2°26	S 17
S 18	13 46 34	28°31'51	0°E12	3°20	10°10	27° 6	0°47	5° 2	4°36	6°59	0°52	19°33	18°48	15°10	2°29	S 18
M19	13 50 31	29°30'53	13°41	4°45	11°24	27°41	0°58	5° 4	4°39	7° 2	0°51	19°30	18°45	15°16	2°32	M19
T 20	13 54 27	0°B29'53	26°42	6°12	12°38	28°15	1° 8	5° 7	4°42	7° 4	0°51	19°D29	18°42	15°23	2°35	T 20
W21	13 58 24	1°28'50	9°E19	7°40	13°52	28°49	1°18	5° 9	4°45	7° 6	0°50	19°29	18°39	15°30	2°37	W21
T 22	14 2 20	2°27'46	21°37	9°10	15° 6	29°23	1°29	5°11	4°48	7° 8	0°50	19°R30	18°35	15°37	2°40	T 22
F 23	14 6 17	3°26'38	3°H42	10°42	16°20	29°57	1°39	5°13	4°51	7°11	0°49	19°29	18°32	15°43	2°43	F 23
S 24	14 10 14	4°25'29	15°37	12°15	17°34	0°31	1°49	5°15	4°54	7°13	0°48	19°26	18°29	15°50	2°46	S 24
S 25	14 14 10	5°24'18	27°28	13°50	18°48	1° 5	1°59	5°17	4°57	7°15	0°48	19°20	18°26	15°57	2°48	S 25
M26	14 18 7	6°23'04	9°E17	15°27	20° 2	1°39	2° 8	5°19	5° 0	7°17	0°48	19°12	18°23	16° 3	2°51	M26
T 27	14 22 3	7°21'48	21° 8	17° 5	21°16	2°12	2°18	5°21	5° 3	7°20	0°47	19° 1	18°20	16°10	2°54	T 27
W28	14 26 0	8°20'31	3°H 2	18°45	22°30	2°46	2°28	5°23	5° 6	7°22	0°47	18°48	18°16	16°17	2°56	W28
T 29	14 29 56	9°19'11	15° 2	20°26	23°44	3°19	2°37	5°24	5°10	7°24	0°46	18°34	18°13	16°23	2°59	T 29
F 30	14 33 53	10°17'50	27°H 7	22°Y 9	24°Y58	3°52	2°H46	5°526	5°H13	7°B26	0°H46	18°31	18°10	16°30	3°H 1	F 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	4n37	18s 8	4s56	6s35	0s38	5s28	1s19	22s43	0s28	12s50	0s36	19s 7	0n 2	20n41	0s 9	12n 4
F 2	5 0 22	1 5 5	6 28	0 49	5 1	1 20	22 40	0 30	12 46	0 36	19 6	0 2	20 42	0 9 12	5 1 37	19 58
S 3	5 23 25	0 5 2	6 20	0 59	4 33	1 21	22 37	0 31	12 42	0 36	19 6	0 2	20 42	0 9 12	5 1 37	19 59
S 4	5 46 26	53 4 45	6 9	1 9	4 5	1 22	22 33	0 32	12 38	0 36	19 5	0 2	20 43	0 9 12	6 1 37	19 59
M 5	6 9 27	28 4 14	5 57	1 18	3 36	1 23	22 30	0 34	12 34	0 36	19 4	0 2	20 43	0 9 12	7 1 37	19 59
T 6	6 32 26	39 3 30	5 43	1 27	3 8	1 24	22 26	0 35	12 30	0 36	19 3	0 2	20 44	0 9 12	8 1 37	19 59
W 7	6 55 24	23 2 35	5 27	1 35	2 40	1 25	22 22	0 37	12 26	0 37	19 2	0 2	20 44	0 9 12	8 1 37	20 0
T 8	7 17 20	44 1 29	5 10	1 43	2 11	1 26	22 18	0 38	12 23	0 37	19 2	0 2	20 45	0 9 12	9 1 37	20 0
F 9	7 40 15	52 0 17	4 51	1 50	1 42	1 27	22 14	0 40	12 19	0 37	19 1	0 2	20 45	0 9 12	10 1 37	20 0
S 10	8 2 9	59 0n59	4 31	1 57	1 14	1 28	22 10	0 41	12 15	0 37	19 0	0 2	20 46	0 9 12	10 1 37	20 0
S 11	8 24 3	24 2 12	4 9	2 3	0 45	1 29	22 5	0 43	12 11	0 37	18 59	0 2	20 46	0 9 12	11 1 37	20 0
M12	8 46 3n30	3 19	3 46	2 8	0 16	1 29	22 1	0 44	12 7	0 37	18 59	0 2	20 47	0 9 12	12 1 37	20 1
T 13	9 8 10	18 4 12	3 21	2 13	0n13	1 30	21 56	0 46	12 4	0 38	18 58	0 2	20 47	0 9 12	13 1 37	20 1
W14	9 30 16	31 4 48	2 55	2 18	0 41	1 30	21 52	0 47	12 0	0 38	18 57	0 2	20 48	0 9 12	13 1 37	20 1
T 15	9 51 21	39 5 3	2 28	2 22	1 10	1 31	21 47	0 49	11 56	0 38	18 57	0 1	20 48	0 9 12	14 1 37	20 1
F 16	10 13 25	16 4 56	2 0	2 26	1 39	1 31	21 42	0 50	11 53	0 38	18 56	0 1	20 49	0 9 12	15 1 37	20 1
S 17	10 34 27	8 4 31	1 30	2 29	2 8	1 31	21 37	0 52	11 49	0 38	18 56	0 1	20 50	0 9 12	16 1 37	20 1
S 18	10 55 27	12 3 51	0 59	2 31	2 37	1 31	21 32	0 54	11 45	0 39	18 55	0 1	20 50	0 9 12	16 1 37	20 1
M19	11 16 25	36 2 58	0 28	2 33	3 5	1 32	21 27	0 55	11 42	0 39	18 55	0 1	20 51	0 9 12	17 1 37	20 1
T 20	11 36 22	40 1 58	0n 5	2 34	3 34	1 32	21 22	0 57	11 38	0 39	18 54	0 1	20 51	0 9 12	18 1 37	20 1
W21	11 57 18	43 0 54	0 39	2 35	4 3	1 32	21 17	0 59	11 35	0 39	18 54	0 1	20 52	0 9 12	18 1 37	20 2
T 22	12 17 14	4 0s11	1 14	2 36	4 31	1 32	21 12	1 1	11 31	0 39	18 53	0 1	20 52	0 9 12	19 1 37	20 2
F 23	12 37 8	57 1 15	1 50	2 36	4 59	1 31	21 6	1 2	11 28	0 39	18 53	0 1	20 53	0 9 12	20 1 37	20 2
S 24	12 57 3	35 2 14	2 27	2 35	5 28	1 31	21 1	1 4	11 24	0 40	18 52	0 1	20 53	0 9 12	21 1 37	20 2
S 25	13 17 1s51	3 7 3	4 2	2 34	5 56	1 31	20 55	1 6	11 21	0 40	18 52	0 1	20 54	0 9 12	21 1 37	20 2
M26	13 36 7	13 3 51	3 43	2 32	6 24	1 31	20 49	1 8	11 18	0 40	18 52	0 1	20 55	0 9 12	22 1 37	20 2
T 27	13 55 12	19 4 26	4 22	2 30	6 52	1 30	20 44	1 10	11 15	0 40	18 51	0 1	20 55	0 9 12	23 1 37	20 2
W28	14 14 17	0 4 49	5 2	2 28	7 20	1 30	20 38	1 12	11 11	0 40	18 51	0 0	20 56	0 9 12	24 1 37	20 2
T 29	14 33 21	3 4 59	5 43	2 25	7 48	1 29	20 32	1 14	11 8	0 41	18 51	0 0	20 56	0 9 12	24 1 37	20 2
F 30	14n51	24s15	4s56	6n25	2s21	8n15	1s29	20s26	1s16	11s 5	0s41	18s50	0n 0	20n57	0s 9	12n25

Julian Day Number = 2706209.5, Delta T = 27m02s

Ecliptic obliquity = 23°21'03, Nutation = 0°00'10

Ayanamsha: Fagan/Bradley = 34°29'41, Lahiri = 33°36'41

## ASTRODIENST EPHEMERIS for the year 2697

MAY 2697

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 37 49	11♌16'27	9♊20	23♍54	26♍12	4♌25	2♌56	5♌27	5♌16	7♌29	0°R46	18°R 8	18♌ 7	16♌37	3♌ 3	S 1
S 2	14 41 46	12°15'02	21°42	25°40	27°26	4°58	3° 5	5°28	5°19	7°31	0°M45	17°M58	18° 4	16°44	3° 6	S 2
M 3	14 45 43	13°13'35	4♌13	27°28	28°39	5°31	3°14	5°30	5°23	7°33	0°45	17°51	18° 1	16°50	3° 8	M 3
T 4	14 49 39	14°12'07	16°57	29°18	29°53	6° 4	3°22	5°31	5°26	7°35	0°45	17°46	17°57	16°57	3°10	T 4
W 5	14 53 36	15°10'37	29°56	1♌ 9	1♌ 7	6°37	3°31	5°32	5°29	7°38	0°45	17°44	17°54	17° 4	3°12	W 5
T 6	14 57 32	16° 9'05	13♌13	3° 2	2°21	7° 9	3°40	5°33	5°33	7°40	0°44	17°44	17°51	17°10	3°14	T 6
F 7	15 1 29	17° 7'32	26°50	4°57	3°35	7°41	3°48	5°33	5°36	7°42	0°44	17°44	17°48	17°17	3°16	F 7
S 8	15 5 25	18° 5'57	10♌51	6°53	4°49	8°14	3°56	5°34	5°39	7°44	0°44	17°43	17°45	17°24	3°18	S 8
S 9	15 9 22	19° 4'21	25°14	8°51	6° 3	8°46	4° 5	5°35	5°43	7°47	0°44	17°40	17°41	17°30	3°20	S 9
M10	15 13 18	20° 2'43	9♍57	10°51	7°17	9°18	4°13	5°35	5°46	7°49	0°44	17°34	17°38	17°37	3°22	M10
T 11	15 17 15	21° 1'04	24°56	12°52	8°31	9°49	4°21	5°36	5°49	7°51	0°44	17°26	17°35	17°44	3°23	T 11
W12	15 21 12	21°59'23	10♌ 3	14°55	9°45	10°21	4°28	5°36	5°53	7°53	0°D44	17°15	17°32	17°51	3°25	W12
T 13	15 25 8	22°57'40	25° 6	16°59	10°58	10°52	4°36	5°36	5°56	7°56	0°44	17° 4	17°29	17°57	3°27	T 13
F 14	15 29 5	23°55'56	9♍57	19° 4	12°12	11°23	4°43	5°36	6° 0	7°58	0°44	16°53	17°26	18° 4	3°28	F 14
S 15	15 33 1	24°54'10	24°27	21°11	13°26	11°54	4°51	5°R36	6° 3	8° 0	0°44	16°44	17°22	18°11	3°30	S 15
S 16	15 36 58	25°52'22	8♌29	23°19	14°40	12°25	4°58	5°36	6° 6	8° 2	0°44	16°37	17°19	18°17	3°31	S 16
M17	15 40 54	26°50'33	22° 3	25°28	15°54	12°56	5° 5	5°36	6°10	8° 4	0°44	16°33	17°16	18°24	3°33	M17
T 18	15 44 51	27°48'41	5♌ 9	27°37	17° 8	13°26	5°12	5°36	6°13	8° 7	0°44	16°31	17°13	18°31	3°34	T 18
W19	15 48 47	28°46'47	17°50	29°48	18°22	13°56	5°19	5°35	6°17	8° 9	0°44	16°D31	17°10	18°38	3°35	W19
T 20	15 52 44	29°44'52	0♍11	1♍58	19°35	14°26	5°25	5°35	6°20	8°11	0°45	16°R31	17° 7	18°44	3°37	T 20
F 21	15 56 41	0♍42'54	12°17	4° 9	20°49	14°56	5°31	5°34	6°24	8°13	0°45	16°30	17° 3	18°51	3°38	F 21
S 22	16 0 37	1°40'55	24°12	6°19	22° 3	15°25	5°38	5°34	6°27	8°15	0°45	16°28	17° 0	18°58	3°39	S 22
S 23	16 4 34	2°38'53	6♌ 3	8°29	23°17	15°55	5°44	5°33	6°31	8°17	0°45	16°24	16°57	19° 4	3°40	S 23
M24	16 8 30	3°36'50	17°53	10°38	24°30	16°24	5°50	5°32	6°34	8°19	0°46	16°16	16°54	19°11	3°41	M24
T 25	16 12 27	4°34'46	29°46	12°46	25°44	16°53	5°56	5°31	6°38	8°21	0°46	16° 7	16°51	19°18	3°42	T 25
W26	16 16 23	5°32'40	11♌45	14°53	26°58	17°22	6° 1	5°30	6°41	8°23	0°47	15°56	16°47	19°24	3°42	W26
T 27	16 20 20	6°30'32	23°52	16°58	28°12	17°50	6° 7	5°29	6°45	8°26	0°47	15°43	16°44	19°31	3°43	T 27
F 28	16 24 16	7°28'22	6♌ 9	19° 2	29°26	18°18	6°12	5°28	6°48	8°28	0°47	15°31	16°41	19°38	3°44	F 28
S 29	16 28 13	8°26'12	18°35	21° 3	0♍39	18°46	6°17	5°26	6°52	8°30	0°48	15°20	16°38	19°45	3°44	S 29
S 30	16 32 10	9°24'00	1♌12	23° 2	1°53	19°14	6°22	5°25	6°55	8°32	0°48	15°11	16°35	19°51	3°45	S 30
M31	16 36 6	10♍21'47	13♌59	24♍58	3♍ 7	19°41	6°H27	5°M23	6♍59	8♌34	0°M49	15°M 4	16°M32	19°M58	3°H45	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	15n 9	26s23	4s40	7n 7	2s17	8n42	1s28	20s20	1s17	11s 2	0s41	18s50	0n 0	20n58	0s 9	12n26	1s37	20n 2	9n30	15s20	15s21	10s34	4s50	5n54			
S 2	15 27	27 15	4 10	7 50	2 12	9 10	1 27	20 14	1 19	10 59	0 41	18 50	0 0	20 58	0 9	12 26	1 37	20 1	9 30	15 23	15 22	10 37	4 49	5 54			
M 3	15 45	26 45	3 28	8 34	2 7	9 37	1 26	20 8	1 22	10 56	0 41	18 50	0 0	20 59	0 9	12 27	1 37	20 1	9 29	15 26	15 23	10 40	4 48	5 55			
T 4	16 2	24 50	2 35	9 18	2 1	10 3	1 26	20 2	1 24	10 53	0 42	18 49	0s 0	20 59	0 9	12 28	1 37	20 1	9 29	15 27	15 24	10 43	4 47	5 55			
W 5	16 20	21 36	1 33	10 2	1 55	10 30	1 25	19 56	1 26	10 50	0 42	18 49	0 0	21 0	0 9	12 29	1 37	20 1	9 29	15 28	15 25	10 46	4 46	5 56			
T 6	16 37	17 10	0 24	10 47	1 49	10 56	1 24	19 50	1 28	10 47	0 42	18 49	0 0	21 0	0 9	12 29	1 37	20 1	9 29	15 28	15 26	10 49	4 45	5 56			
F 7	16 53	11 46	0n48	11 32	1 41	11 22	1 23	19 44	1 30	10 44	0 42	18 49	0 0	21 1	0 9	12 30	1 37	20 1	9 29	15 28	15 26	10 52	4 44	5 56			
S 8	17 9	5 38	1 59	12 17	1 34	11 48	1 22	19 37	1 32	10 41	0 42	18 49	0 0	21 2	0 9	12 31	1 37	20 1	9 28	15 28	15 27	10 55	4 43	5 56			
S 9	17 26	0n56	3 4	13 2	1 26	12 13	1 21	19 31	1 34	10 38	0 43	18 49	0 0	21 2	0 9	12 31	1 37	20 1	9 28	15 29	15 28	10 58	4 42	5 56			
M10	17 41	7 35	3 59	13 48	1 18	12 38	1 19	19 25	1 36	10 36	0 43	18 49	0 0	21 3	0 9	12 32	1 37	20 1	9 28	15 31	15 29	11 1	4 41	5 57			
T 11	17 57	13 56	4 38	14 33	1 9	13 3	1 18	19 18	1 39	10 33	0 43	18 49	0 1	21 3	0 9	12 33	1 37	20 0	9 28	15 33	15 30	11 4	4 40	5 57			
W12	18 12	19 29	4 58	15 18	1 0	13 28	1 17	19 12	1 41	10 30	0 43	18 49	0 1	21 4	0 9	12 34	1 37	20 0	9 28	15 36	15 31	11 7	4 39	5 57			
T 13	18 27	23 47	4 57	16 2	0 50	13 52	1 15	19 6	1 43	10 28	0 44	18 49	0 1	21 5	0 9	12 34	1 37	20 0	9 28	15 40	15 32	11 10	4 38	5 58			
F 14	18 41	26 25	4 37	16 47	0 40	14 16	1 14	18 59	1 45	10 25	0 44	18 49	0 1	21 5	0 9	12 35	1 37	20 0	9 27	15 43	15 33	11 12	4 37	5 58			
S 15	18 55	27 12	3 58	17 30	0 30	14 40	1 13	18 53	1 48	10 23	0 44	18 49	0 1	21 6	0 8	12 36	1 37	20 0	9 27	15 46	15 34	11 15	4 37	5 58			
S 16	19 9	26 11	3 7	18 12	0 20	15 3	1 11	18 47	1 50	10 20	0 44	18 49	0 1	21 6	0 8	12 36	1 37	19 59	9 27	15 48	15 35	11 18	4 36	5 59			
M17	19 23	23 37	2 6	18 54	0 10	15 26	1 9	18 40	1 53	10 18	0 44	18 49	0 1	21 7	0 8	12 37	1 37	19 59	9 27	15 49	15 36	11 21	4 35	5 59			
T 18	19 36	19 53	1 0	19 34	0n 1	15 48	1 8	18 34	1 55	10 16	0 45	18 49	0 1	21 8	0 8	12 38	1 37	19 59	9 27	15 50	15 37	11 24	4 34	5 59			
W19	19 49	15 19	0s 7	20 13	0 11	16 10	1 6	18 28	1 58	10 14	0 45	18 49	0 1	21 8	0 8	12 38	1 37	19 59	9 26	15 50	15 38	11 27	4 33	6 0			
T 20	20 1	10 15	1 12	20 50	0 22	16 32	1 4	18 21	2 0	10 11	0 45	18 50	0 1	21 9	0 8	12 39	1 37	19 58	9 26	15 50	15 39	11 30	4 33	6 0			
F 21	20 13	4 54	2 12	21 25	0 32	16 53	1 3	18 15	2 3	10 9	0 45	18 50	0 1	21 9	0 8	12 40	1 37	19 58	9 26	15 50	15 40	11 33	4 32	6 1			
S 22	20 25	0s33	3 6	21 59	0 42	17 14	1 1	18 9	2 5	10 7	0 46	18 50	0 1	21 10	0 8	12 40	1 37	19 58	9 26	15 51	15 41	11 36	4 31	6 1			
S 23	20 37	5 55	3 51	22 30	0 52	17 34	0 59	18 2	2 8	10 5	0 46	18 50	0 2	21 11	0 8	12 41	1 37	19 58	9 26	15 52	15 42	11 39	4 30	6 1			
M24	20 48	11 5	4 26	22 59	1 2	17 54	0 57	17 56	2 10	10 3	0 46	18 51	0 2	21 11	0 8	12 42	1 37	19 57	9 25	15 54	15 43	11 42	4 30	6 2			
T 25	20 59	15 52	4 49	23 25	1 11	18 14	0 55	17 50	2 13	10 1	0 46	18 51	0 2	21 12	0 8	12 42	1 37	19 57	9 25	15 57	15 44	11 45	4 29	6 2			
W26	21 9	20 4	5 1	23 49	1 20	18 33	0 53	17 44	2 16	9 59	0 46	18 51	0 2	21 12	0 8	12 43	1 37	19 57	9 25	16 0	15 45	11 48	4 29	6 2			
T 27	21 19	23 29	4 58	24 11	1 28	18 51	0 51	17 38	2 18	9 58	0 47	18 52	0 2	21 13	0 8	12 44	1 37	19 56	9 25	16 4	15 46	11 51	4 28	6 3			
F 28	21 29	25 53	4 42	24 29	1 36	19 9	0 49	17 31	2 21	9 56	0 47	18 52	0 2	21 14	0 8	12 44	1 37	19 56	9 25	16 7	15 47	11 54	4 27	6 3			
S 29	21 38	27 4	4 13	24 45	1 43	19 26	0 47	17 25	2 24	9 54	0 47	18 52	0 2	21 14	0 8	12 45	1 37	19 56	9 24	16 11	15 48	11 57	4 27	6 3			
S 30	21 47	26 51	3 31	24 59	1 49	19 43	0 45	17 19	2 27	9 53	0 47	18 53	0 2	21 15	0 8	12 45	1 37	19 55	9 24	16 13	15 49	12 0	4 26	6 4			
M31	21n55	25s13	2s37	25n10	1n55	20n 0	0s43	17s13	2s30	9s51	0s48	18s53	0s 2	21n15	0s 8	12n46	1s37	19n55	9n24	16s15	15s49	12s 2	4s26	6n			

# ASTRODIENST EPHEMERIS for the year 2697

JUNE 2697

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 40 3	11II19'32	26☾58	26II52	4II21	20☾8	6☾31	5°R22	7II2	8☾36	0☾49	15°R 1	16☾28	20☾5	3☾46	T 1
W 2	16 43 59	12°17'16	10☾9	28°44	5°34	20°35	6°36	5☾20	7°6	8°38	0°50	14°D59	16°25	20°11	3°46	W 2
T 3	16 47 56	13°15'00	23°33	0☾32	6°48	21°2	6°40	5°18	7°9	8°40	0°51	14☾59	16°22	20°18	3°47	T 3
F 4	16 51 52	14°12'42	7☾13	2°18	8°2	21°28	6°44	5°16	7°13	8°41	0°51	15°0	16°19	20°25	3°47	F 4
S 5	16 55 49	15°10'23	21°9	4°1	9°16	21°54	6°48	5°14	7°16	8°43	0°52	15°R 0	16°16	20°32	3°47	S 5
S 6	16 59 46	16°8'03	5☾20	5°40	10°29	22°20	6°52	5°12	7°19	8°45	0°53	14°58	16°13	20°38	3°47	S 6
M 7	17 3 42	17°5'42	19°47	7°17	11°43	22°45	6°56	5°10	7°23	8°47	0°53	14°55	16°9	20°45	3°R47	M 7
T 8	17 7 39	18°3'21	4☾24	8°51	12°57	23°10	6°59	5°8	7°26	8°49	0°54	14°49	16°6	20°52	3°47	T 8
W 9	17 11 35	19°0'58	19°8	10°21	14°11	23°35	7°2	5°6	7°30	8°51	0°55	14°41	16°3	20°58	3°47	W 9
T 10	17 15 32	19°58'35	3II50	11°49	15°24	23°59	7°5	5°3	7°33	8°53	0°55	14°33	16°0	21°5	3°47	T 10
F 11	17 19 28	20°56'11	18°22	13°13	16°38	24°23	7°8	5°1	7°37	8°55	0°56	14°25	15°57	21°12	3°47	F 11
S 12	17 23 25	21°53'45	2☾39	14°34	17°52	24°47	7°11	4°58	7°40	8°56	0°57	14°18	15°53	21°19	3°46	S 12
S 13	17 27 21	22°51'19	16°33	15°52	19°6	25°10	7°13	4°56	7°44	8°58	0°58	14°12	15°50	21°25	3°46	S 13
M14	17 31 18	23°48'51	0☾4	17°6	20°19	25°32	7°15	4°53	7°47	9°0	0°59	14°9	15°47	21°32	3°46	M14
T 15	17 35 15	24°46'22	13°10	18°17	21°33	25°55	7°17	4°50	7°50	9°2	1°0	14°D 9	15°44	21°39	3°45	T 15
W16	17 39 11	25°43'52	25°53	19°25	22°47	26°17	7°19	4°47	7°54	9°3	1°1	14°9	15°41	21°45	3°45	W16
T 17	17 43 8	26°41'21	8☾16	20°29	24°0	26°38	7°21	4°44	7°57	9°5	1°2	14°10	15°38	21°52	3°44	T 17
F 18	17 47 4	27°38'48	20°24	21°30	25°14	26°59	7°23	4°41	8°0	9°7	1°3	14°11	15°34	21°59	3°43	F 18
S 19	17 51 1	28°36'15	2☾22	22°27	26°28	27°20	7°24	4°38	8°4	9°8	1°4	14°R12	15°31	22°5	3°43	S 19
S 20	17 54 57	29°33'40	14°15	23°20	27°42	27°40	7°25	4°35	8°7	9°10	1°5	14°10	15°28	22°12	3°42	S 20
M21	17 58 54	0☾31'04	26°7	24°10	28°55	28°0	7°26	4°32	8°10	9°11	1°6	14°7	15°25	22°19	3°41	M21
T 22	18 2 50	1°28'27	8☾3	24°55	0☾9	28°19	7°27	4°29	8°14	9°13	1°7	14°2	15°22	22°26	3°40	T 22
W23	18 6 47	2°25'50	20°7	25°37	1°23	28°38	7°27	4°25	8°17	9°14	1°8	13°56	15°19	22°32	3°39	W23
T 24	18 10 44	3°23'11	2☾21	26°14	2°36	28°57	7°28	4°22	8°20	9°16	1°9	13°49	15°15	22°39	3°38	T 24
F 25	18 14 40	4°20'31	14°48	26°48	3°50	29°15	7°28	4°18	8°23	9°17	1°10	13°42	15°12	22°46	3°37	F 25
S 26	18 18 37	5°17'51	27°28	27°17	5°4	29°32	7°R28	4°15	8°26	9°19	1°11	13°36	15°9	22°52	3°36	S 26
S 27	18 22 33	6°15'10	10☾22	27°42	6°18	29°49	7°28	4°11	8°30	9°20	1°13	13°31	15°6	22°59	3°35	S 27
M28	18 26 30	7°12'29	23°30	28°2	7°31	0☾5	7°27	4°8	8°33	9°22	1°14	13°28	15°3	23°6	3°33	M28
T 29	18 30 26	8°9'47	6☾51	28°18	8°45	0☾21	7°27	4°4	8°36	9°23	1°15	13°26	14°59	23°13	3°32	T 29
W30	18 34 23	9☾7'04	20☾23	28☾30	9☾59	0☾36	7☾26	4☾0	8II39	9☾25	1☾16	13°D26	14☾56	23☾19	3☾31	W30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	22n 3	22s14	1s34	25n18	1n59	20n16	0s41	17s 8	2s33	9s50	0s48	18s54	0s 2	21n16	0s 8	12n47
W 2	22 11 18	3 0 26	25 24	2 4 20	31 0 39	17 2 2 35	9 48	0 48	18 54	0 2 21	17 0 8	12 47	1 37	19 54	9 24	16 17
T 3	22 18 12	54 0n46	25 28	2 7 20	46 0 37	16 56	2 38	9 47	0 48	18 55	0 3 21	17 0 8	12 48	1 37	19 54	9 23
F 4	22 25 7	2 1 56	25 29	2 9 21	0 0 34	16 50	2 41	9 46	0 49	18 55	0 3 21	18 0 8	12 48	1 37	19 53	9 23
S 5	22 32 0	44 3 1	25 28	2 11 21	14 0 32	16 45	2 44	9 44	0 49	18 56	0 3 21	18 0 8	12 49	1 37	19 53	9 23
S 6	22 38 5n43	3 55	25 25	2 12 21	27 0 30	16 39	2 47	9 43	0 49	18 56	0 3 21	19 0 8	12 50	1 37	19 53	9 23
M 7	22 44 11	58 4 36	25 21	2 12 21	39 0 28	16 34	2 51	9 42	0 49	18 57	0 3 21	19 0 8	12 50	1 38	19 52	9 23
T 8	22 49 17	39 5 0	25 14	2 11 21	51 0 25	16 29	2 54	9 41	0 50	18 58	0 3 21	20 0 8	12 51	1 38	19 52	9 22
W 9	22 54 22	19 5 4	25 6	2 9 22	2 0 23	16 24	2 57	9 40	0 50	18 58	0 3 21	21 0 8	12 51	1 38	19 51	9 22
T 10	22 58 25	33 4 48	24 56	2 7 22	13 0 21	16 19	3 0 9	39 0 50	18 59	0 3 21	21 0 8	12 52	1 38	19 51	9 22	16 24
F 11	23 3 27	3 4 14	24 45	2 3 22	23 0 18	16 14	3 3 9	38 0 50	19 0 0	3 21	22 0 8	12 52	1 38	19 50	9 22	16 27
S 12	23 6 26	43 3 24	24 32	1 59 22	32 0 16	16 9	3 7 9	38 0 51	19 0 0	3 21	22 0 8	12 53	1 38	19 50	9 22	16 29
S 13	23 10 24	41 2 23	24 18	1 54 22	41 0 14	16 4	3 10 9	37 0 51	19 1 0	3 21	23 0 8	12 53	1 38	19 49	9 22	16 30
M14	23 12 21	17 1 15	24 3	1 49 22	49 0 11	16 0	3 13 9	36 0 51	19 2 0	3 21	23 0 8	12 54	1 38	19 49	9 21	16 31
T 15	23 15 16	53 0 5	23 48	1 42 22	56 0 9	15 55	3 17 9	36 0 52	19 3 0	4 21	24 0 8	12 54	1 38	19 48	9 21	16 31
W16	23 17 11	51 1s 3	23 31	1 35 23	3 0 6	15 51	3 20 9	35 0 52	19 3 0	4 21	25 0 8	12 55	1 38	19 48	9 21	16 31
T 17	23 19 6	29 2 6	23 14	1 27 23	9 0 4	15 47	3 24 9	35 0 52	19 4 0	4 21	25 0 8	12 55	1 38	19 47	9 21	16 31
F 18	23 20 0	59 3 3	22 56	1 18 23	14 0 2	15 43	3 27 9	35 0 52	19 5 0	4 21	26 0 8	12 56	1 38	19 47	9 21	16 31
S 19	23 21 4s28	3 51	22 37	1 9 23	19 0n 1	15 39	3 31 9	35 0 53	19 6 0	4 21	26 0 8	12 56	1 38	19 46	9 21	16 31
S 20	23 21 9	43 4 28	22 18	0 58 23	23 0 3	15 35	3 34 9	34 0 53	19 7 0	4 21	27 0 8	12 57	1 38	19 46	9 20	16 31
M21	23 21 14	37 4 54	21 59	0 47 23	26 0 5	15 32	3 38 9	34 0 53	19 7 0	4 21	27 0 8	12 57	1 38	19 45	9 20	16 32
T 22	23 21 18	59 5 7	21 39	0 36 23	29 0 8	15 28	3 41 9	34 0 53	19 8 0	4 21	28 0 8	12 58	1 38	19 45	9 20	16 33
W23	23 20 22	38 5 7	21 19	0 23 23	31 0 10	15 25	3 45 9	34 0 54	19 9 0	4 21	28 0 8	12 58	1 38	19 44	9 20	16 35
T 24	23 18 25	20 4 53	21 0	0 10 23	32 0 13	15 22	3 49 9	34 0 54	19 10 0	4 21	29 0 8	12 59	1 38	19 44	9 20	16 37
F 25	23 17 26	53 4 25	20 40	0s 3 23	33 0 15	15 20	3 53 9	34 0 54	19 11 0	4 21	29 0 8	12 59	1 38	19 43	9 20	16 39
S 26	23 15 27	3 3 44	20 21	0 17 23	32 0 17	15 17	3 56 9	35 0 54	19 12 0	5 21	30 0 8	12 59	1 38	19 42	9 19	16 41
S 27	23 12 25	46 2 50	20 1	0 32 23	32 0 20	15 14	4 0 9	35 0 55	19 13 0	5 21	30 0 8	13 0	1 38	19 42	9 19	16 42
M28	23 9 23	4 1 46	19 42	0 47 23	30 0 22	15 12	4 4 9	35 0 55	19 14 0	5 21	31 0 8	13 0	1 38	19 41	9 19	16 43
T 29	23 6 19	4 0 36	19 24	1 3 23	28 0 24	15 10	4 8 9	36 0 55	19 15 0	5 21	31 0 8	13 1	1 38	19 41	9 19	16 44
W30	23n 2	14s 2	0n38	19n 6	1s18	23n25	0n26	15s 8	4s12	9s36	0s55	19s16	0s 5	21n32	0s 8	13n 1

Julian Day Number = 2706270.5, Delta T = 27m03s  
 Ecliptic obliquity = 23°21'02, Nutation = 0°00'11  
 Ayanamsha: Fagan/Bradley = 34°29'49, Lahiri = 33°36'49



## ASTRODIENST EPHEMERIS for the year 2697

AUGUST 2697

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 40 33	9♎39°15	27♏15	20♋45	19♎20	2°R44	5°R26	1°R44	10♏5	9♏53	2♏6	13♏9	13♏15	26♏54	2°R20	S 1
M 2	20 44 29	10°36'33	11♏30	21°20	20°33	2♏36	5♏20	1♏39	10°7	9°53	2°8	13°R 9	13°11	27°1	2♏17	M 2
T 3	20 48 26	11°33'51	25°39	22°1	21°47	2°27	5°13	1°35	10°9	9°53	2°9	13°9	13°8	27°8	2°15	T 3
W 4	20 52 22	12°31'11	9♏40	22°48	23°1	2°18	5°7	1°31	10°11	9°54	2°11	13°9	13°5	27°14	2°12	W 4
T 5	20 56 19	13°28'32	23°31	23°40	24°15	2°8	5°0	1°27	10°13	9°54	2°13	13°D 9	13°2	27°21	2°9	T 5
F 6	21 0 16	14°25'53	7♏9	24°37	25°29	1°57	4°53	1°22	10°15	9°54	2°15	13°9	12°59	27°28	2°6	F 6
S 7	21 4 12	15°23'15	20°35	25°40	26°43	1°46	4°46	1°18	10°17	9°54	2°17	13°9	12°56	27°35	2°3	S 7
S 8	21 8 9	16°20'38	3♎47	26°48	27°56	1°34	4°39	1°14	10°18	9°54	2°19	13°9	12°52	27°41	2°0	S 8
M 9	21 12 5	17°18'02	16°45	28°1	29°10	1°21	4°32	1°10	10°20	9°54	2°20	13°R 9	12°49	27°48	1°57	M 9
T 10	21 16 2	18°15'26	29°28	29°20	0♏24	1°8	4°25	1°6	10°22	9°55	2°22	13°9	12°46	27°55	1°54	T 10
W 11	21 19 58	19°12'51	11♏57	0♎43	1°38	0°55	4°18	1°1	10°24	9°55	2°24	13°8	12°43	28°1	1°51	W 11
T 12	21 23 55	20°10'17	24°14	2°11	2°52	0°41	4°10	0°57	10°25	9°R55	2°26	13°8	12°40	28°8	1°48	T 12
F 13	21 27 51	21°7'43	6♏19	3°43	4°6	0°26	4°3	0°53	10°27	9°55	2°28	13°7	12°37	28°15	1°45	F 13
S 14	21 31 48	22°5'10	18°17	5°20	5°19	0°12	3°55	0°49	10°29	9°55	2°30	13°5	12°33	28°22	1°41	S 14
S 15	21 35 45	23°2'37	0♏11	7°1	6°33	29♏57	3°48	0°45	10°30	9°55	2°31	13°4	12°30	28°28	1°38	S 15
M 16	21 39 41	24°0'06	12°3	8°45	7°47	29°41	3°40	0°42	10°32	9°54	2°33	13°4	12°27	28°35	1°35	M 16
T 17	21 43 38	24°57'35	24°0	10°33	9°1	29°26	3°33	0°38	10°33	9°54	2°35	13°D 3	12°24	28°42	1°32	T 17
W 18	21 47 34	25°55'05	6♏4	12°24	10°15	29°10	3°25	0°34	10°35	9°54	2°37	13°4	12°21	28°48	1°29	W 18
T 19	21 51 31	26°52'35	18°22	14°18	11°29	28°54	3°17	0°30	10°36	9°54	2°39	13°4	12°17	28°55	1°26	T 19
F 20	21 55 27	27°50'07	0♏56	16°14	12°42	28°39	3°10	0°26	10°37	9°54	2°41	13°5	12°14	29°2	1°23	F 20
S 21	21 59 24	28°47'39	13°51	18°12	13°56	28°23	3°2	0°23	10°39	9°53	2°43	13°7	12°11	29°9	1°20	S 21
S 22	22 3 20	29°45'12	27°9	20°11	15°10	28°7	2°54	0°19	10°40	9°53	2°45	13°8	12°8	29°15	1°16	S 22
M 23	22 7 17	0♏42'46	10♏50	22°12	16°24	27°51	2°46	0°16	10°41	9°53	2°47	13°R 8	12°5	29°22	1°13	M 23
T 24	22 11 14	1°40'21	24°54	24°14	17°38	27°35	2°38	0°12	10°42	9°52	2°48	13°8	12°2	29°29	1°10	T 24
W 25	22 15 10	2°37'57	9♏17	26°16	18°51	27°19	2°30	0°9	10°43	9°52	2°50	13°7	11°58	29°36	1°7	W 25
T 26	22 19 7	3°35'34	23°53	28°18	20°5	27°4	2°23	0°6	10°44	9°52	2°52	13°5	11°55	29°42	1°4	T 26
F 27	22 23 3	4°33'12	8♏17	0♏21	21°19	26°49	2°15	0°2	10°45	9°51	2°54	13°2	11°52	29°49	1°1	F 27
S 28	22 27 0	5°30'52	23°20	2°23	22°33	26°34	2°7	29♏59	10°46	9°51	2°56	12°59	11°49	29°56	0°57	S 28
S 29	22 30 56	6°28'33	7♏57	4°25	23°46	26°19	1°59	29°56	10°47	9°50	2°58	12°57	11°46	0♏2	0°54	S 29
M 30	22 34 53	7°26'16	22°22	6°26	25°0	26°4	1°51	29°53	10°48	9°50	3°0	12°55	11°42	0°9	0°51	M 30
T 31	22 38 49	8♏24'01	6♏32	8♏26	26♏14	25♏50	1♏43	29♏50	10♏49	9♏49	3♏2	12°D54	11♏39	0♏16	0♏48	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17n46	15n12	5n 5	18n40	3s 8	16n15	1n21	16s18	6s16	10s28	1s 3	19s50	0s 8	21n45	0s 8	13n 8	S 1
M 2	17 31	20 15	5 17	18 49	2 53	15 53	1 22	16 23	6 19	10 31	1 4	19 51	0 8	21 45	0 8	13 8	M 2
T 3	17 15	24 6	5 9	18 57	2 39	15 30	1 23	16 29	6 22	10 33	1 4	19 52	0 8	21 45	0 8	13 8	T 3
W 4	16 59	26 29	4 44	19 4	2 24	15 7	1 24	16 36	6 24	10 36	1 4	19 53	0 8	21 46	0 8	13 8	W 4
T 5	16 43	27 13	4 2	19 10	2 9	14 43	1 24	16 42	6 27	10 38	1 4	19 54	0 8	21 46	0 8	13 8	T 5
F 6	16 26	26 16	3 7	19 15	1 54	14 19	1 25	16 48	6 30	10 41	1 4	19 55	0 8	21 46	0 8	13 8	F 6
S 7	16 10	23 47	2 2	19 19	1 38	13 54	1 26	16 55	6 32	10 44	1 5	19 56	0 8	21 47	0 8	13 8	S 7
S 8	15 53	20 4	0 52	19 21	1 23	13 30	1 26	17 1	6 35	10 46	1 5	19 57	0 8	21 47	0 8	13 8	S 8
M 9	15 36	15 26	0s20	19 22	1 8	13 4	1 27	17 8	6 37	10 49	1 5	19 58	0 8	21 47	0 8	13 8	M 9
T 10	15 18	10 13	1 29	19 20	0 54	12 39	1 27	17 14	6 39	10 52	1 5	19 59	0 8	21 47	0 8	13 8	T 10
W 11	15 0	4 42	2 33	19 17	0 39	12 13	1 27	17 21	6 41	10 55	1 5	20 0	0 8	21 48	0 8	13 8	W 11
T 12	14 42	0s54	3 28	19 11	0 25	11 47	1 28	17 27	6 42	10 58	1 5	20 1	0 8	21 48	0 8	13 8	T 12
F 13	14 24	6 23	4 14	19 3	0 12	11 20	1 28	17 34	6 44	11 0	1 6	20 2	0 8	21 48	0 8	13 8	F 13
S 14	14 6	11 34	4 47	18 53	0n 1	10 53	1 28	17 40	6 45	11 3	1 6	20 3	0 8	21 48	0 8	13 8	S 14
S 15	13 47	16 18	5 8	18 40	0 14	10 26	1 28	17 47	6 46	11 6	1 6	20 3	0 8	21 48	0 8	13 8	S 15
M 16	13 28	20 24	5 16	18 25	0 26	9 59	1 28	17 53	6 47	11 9	1 6	20 4	0 8	21 49	0 8	13 8	M 16
T 17	13 9	23 43	5 10	18 7	0 37	9 31	1 28	17 59	6 48	11 12	1 6	20 5	0 8	21 49	0 8	13 8	T 17
W 18	12 50	26 1	4 51	17 46	0 47	9 3	1 28	18 5	6 48	11 15	1 6	20 6	0 8	21 49	0 8	13 8	W 18
T 19	12 31	27 8	4 18	17 23	0 57	8 35	1 28	18 11	6 49	11 18	1 6	20 7	0 8	21 49	0 8	13 7	T 19
F 20	12 11	26 53	3 32	16 57	1 5	8 7	1 27	18 17	6 49	11 21	1 7	20 8	0 8	21 50	0 8	13 7	F 20
S 21	11 51	25 12	2 35	16 29	1 13	7 38	1 27	18 23	6 49	11 24	1 7	20 9	0 8	21 50	0 8	13 7	S 21
S 22	11 31	22 5	1 27	15 58	1 20	7 9	1 27	18 28	6 48	11 27	1 7	20 10	0 8	21 50	0 8	13 7	S 22
M 23	11 11	17 39	0 13	15 25	1 26	6 40	1 26	18 33	6 48	11 29	1 7	20 10	0 8	21 50	0 8	13 7	M 23
T 24	10 50	12 10	1n 4	14 50	1 32	6 11	1 26	18 38	6 47	11 32	1 7	20 11	0 8	21 50	0 8	13 7	T 24
W 25	10 30	5 55	2 19	14 13	1 36	5 42	1 25	18 43	6 47	11 35	1 7	20 12	0 8	21 50	0 8	13 7	W 25
T 26	10 9	0n44	3 26	13 34	1 39	5 12	1 24	18 47	6 45	11 38	1 7	20 13	0 8	21 51	0 8	13 6	T 26
F 27	9 48	7 23	4 19	12 54	1 42	4 43	1 24	18 51	6 44	11 41	1 7	20 14	0 8	21 51	0 8	13 6	F 27
S 28	9 27	13 37	4 56	12 12	1 44	4 13	1 23	18 55	6 43	11 44	1 7	20 14	0 8	21 51	0 8	13 6	S 28
S 29	9 6	19 2	5 13	11 29	1 45	3 43	1 22	18 59	6 41	11 47	1 8	20 15	0 8	21 51	0 8	13 6	S 29
M 30	8 45	23 17	5 10	10 45	1 45	3 13	1 21	19 2	6 39	11 50	1 8	20 16	0 8	21 51	0 8	13 6	M 30
T 31	8n23	26n 3	4n48	10n 0	1n45	2n43	1n20	19s 5	6s37	11s53	1s 8	20s16	0s10	21n51	0s 8	13n 5	T 31

Julian Day Number = 2706331.5, Delta T = 27m03s

Ecliptic obliquity = 23°21'02, Nutation = 0°00'13

Ayanamsha: Fagan/Bradley = 34°29'57, Lahiri = 33°36'57

# ASTRODIENST EPHEMERIS for the year 2697

SEPTEMBER 2697

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	22 42 46	9♍21'47	20♌24	10♍25	27♍28	25°R37	1°R36	29°R47	10♌50	9°R48	3♍4	12°S54	11°S36	0♍23	0°R45	W 1
T 2	22 46 43	10°19'35	3♌59	12°23	28°41	25°S24	1°K28	29°S44	10°50	9°R48	3°6	12°56	11°33	0°29	0°K42	T 2
F 3	22 50 39	11°17'25	17°18	14°20	29°55	25°11	1°20	29°41	10°51	9°47	3°7	12°57	11°30	0°36	0°39	F 3
S 4	22 54 36	12°15'16	0♌21	16°16	1♌9	24°59	1°13	29°39	10°52	9°46	3°9	12°59	11°27	0°43	0°36	S 4
S 5	22 58 32	13°13'09	13°11	18°11	2°23	24°47	1°5	29°36	10°52	9°46	3°11	12°R59	11°23	0°49	0°33	S 5
M 6	23 2 29	14°11'04	25°48	20°5	3°36	24°36	0°58	29°34	10°53	9°45	3°13	12°58	11°20	0°56	0°30	M 6
T 7	23 6 25	15°8'59	8♍14	21°57	4°50	24°26	0°50	29°31	10°53	9°44	3°15	12°56	11°17	1°3	0°27	T 7
W 8	23 10 22	16°6'57	20°31	23°48	6°4	24°16	0°43	29°29	10°53	9°43	3°17	12°52	11°14	1°10	0°24	W 8
T 9	23 14 18	17°4'56	2♌39	25°37	7°18	24°7	0°36	29°27	10°54	9°42	3°19	12°47	11°11	1°16	0°21	T 9
F 10	23 18 15	18°2'56	14°39	27°26	8°31	23°59	0°29	29°24	10°54	9°42	3°20	12°41	11°8	1°23	0°18	F 10
S 11	23 22 12	19°0'58	26°34	29°13	9°45	23°52	0°22	29°22	10°54	9°41	3°22	12°34	11°4	1°30	0°15	S 11
S 12	23 26 8	19°59'01	8♍26	0♌58	10°59	23°45	0°15	29°20	10°55	9°40	3°24	12°28	11°1	1°36	0°12	S 12
M13	23 30 5	20°57'06	20°18	2°43	12°12	23°39	0°8	29°18	10°55	9°39	3°26	12°23	10°58	1°43	0°9	M13
T 14	23 34 1	21°55'12	2♌12	4°26	13°26	23°34	0°1	29°17	10°55	9°38	3°28	12°19	10°55	1°50	0°6	T 14
W15	23 37 58	22°53'19	14°14	6°8	14°40	23°29	29°S54	29°15	10°R55	9°37	3°30	12°17	10°52	1°57	0°3	W15
T 16	23 41 54	23°51'28	26°28	7°49	15°53	23°26	29°48	29°13	10°55	9°36	3°31	12°D17	10°48	2°3	0°1	T 16
F 17	23 45 51	24°49'39	8♌59	9°29	17°7	23°23	29°41	29°12	10°55	9°35	3°33	12°17	10°45	2°10	29°S58	F 17
S 18	23 49 47	25°47'50	21°51	11°7	18°21	23°21	29°35	29°10	10°55	9°34	3°35	12°19	10°42	2°17	29°55	S 18
S 19	23 53 44	26°46'03	5♌7	12°44	19°34	23°20	29°29	29°9	10°55	9°33	3°37	12°20	10°39	2°24	29°52	S 19
M20	23 57 41	27°44'18	18°51	14°20	20°48	23°D19	29°23	29°7	10°54	9°31	3°39	12°R20	10°36	2°30	29°50	M20
T 21	0 1 37	28°42'34	3♌3	15°55	22°2	23°20	29°17	29°6	10°54	9°30	3°40	12°18	10°33	2°37	29°47	T 21
W22	0 5 34	29°40'52	17°40	17°29	23°15	23°21	29°11	29°5	10°54	9°29	3°42	12°14	10°29	2°44	29°45	W22
T 23	0 9 30	0♌39'11	2°V36	19°2	24°29	23°23	29°5	29°4	10°53	9°28	3°44	12°9	10°26	2°50	29°42	T 23
F 24	0 13 27	1°37'32	17°43	20°33	25°42	23°26	29°0	29°3	10°53	9°27	3°45	12°2	10°23	2°57	29°39	F 24
S 25	0 17 23	2°35'55	2♌51	22°4	26°56	23°29	28°55	29°2	10°53	9°25	3°47	11°54	10°20	3°4	29°37	S 25
S 26	0 21 20	3°34'21	17°49	23°33	28°9	23°34	28°49	29°2	10°52	9°24	3°49	11°47	10°17	3°11	29°35	S 26
M27	0 25 16	4°32'48	2♌31	25°1	29°23	23°39	28°44	29°1	10°52	9°23	3°51	11°41	10°14	3°17	29°32	M27
T 28	0 29 13	5°31'17	16°50	26°28	0♌36	23°45	28°39	29°1	10°51	9°21	3°52	11°38	10°10	3°24	29°30	T 28
W29	0 33 9	6°29'49	0♌45	27°54	1°50	23°52	28°35	29°0	10°50	9°20	3°54	11°D36	10°7	3°31	29°28	W29
T 30	0 37 6	7♌28'23	14♌16	29♌19	3♌3	23°S59	28°S30	29°S0	10°S50	9°S19	3°S56	11°S36	10°S4	3°S37	29°S25	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
W 1	8n 2	27n 9	4n 9	9n14	1n44	2n13	1n19	19s 8	6s35	11s55	1s 8	20s17	0s10	21n51	0s 8	13n 5
T 2	7 40	26 35	3 18	8 28	1 42	1 43	1 18	19 10	6 33	11 58	1 8	20 18	0 10	21 51	0 8	13 5
F 3	7 18	24 29	2 16	7 41	1 40	1 12	1 17	19 12	6 31	12 1	1 8	20 18	0 10	21 51	0 8	13 5
S 4	6 56	21 7	1 9	6 54	1 37	0 42	1 15	19 14	6 28	12 4	1 8	20 19	0 10	21 52	0 8	13 4
S 5	6 34	16 47	0s 1	6 6	1 34	0 11	1 14	19 15	6 25	12 6	1 8	20 20	0 10	21 52	0 8	13 4
M 6	6 12	11 47	1 10	5 18	1 31	0s19	1 13	19 16	6 22	12 9	1 8	20 20	0 11	21 52	0 8	13 4
T 7	5 50	6 23	2 14	4 30	1 26	0 50	1 11	19 17	6 19	12 12	1 8	20 21	0 11	21 52	0 8	13 3
W 8	5 27	0 49	3 10	3 43	1 22	1 20	1 10	19 17	6 16	12 14	1 8	20 21	0 11	21 52	0 8	13 3
T 9	5 5	4s41	3 58	2 55	1 17	1 51	1 8	19 17	6 13	12 17	1 8	20 22	0 11	21 52	0 8	13 3
F 10	4 42	9 58	4 34	2 7	1 12	2 21	1 6	19 17	6 9	12 20	1 8	20 23	0 11	21 52	0 8	13 3
S 11	4 20	14 50	4 58	1 19	1 0	2 51	1 5	19 16	6 6	12 22	1 8	20 23	0 11	21 52	0 8	13 2
S 12	3 57	19 8	5 9	0 32	1 6	3 22	1 3	19 15	6 2	12 25	1 8	20 24	0 11	21 52	0 8	13 2
M13	3 34	22 41	5 7	0s15	0 54	3 52	1 1	19 13	5 58	12 27	1 8	20 24	0 11	21 52	0 8	13 2
T 14	3 12	25 17	4 52	1 2	0 48	4 22	0 59	19 11	5 55	12 29	1 8	20 24	0 11	21 52	0 8	13 1
W15	2 49	26 47	4 23	1 48	0 41	4 53	0 57	19 9	5 51	12 32	1 8	20 25	0 11	21 52	0 8	13 1
T 16	2 26	27 1	3 43	2 34	0 34	5 23	0 55	19 7	5 47	12 34	1 8	20 25	0 11	21 52	0 8	13 0
F 17	2 3	25 53	2 51	3 19	0 27	5 53	0 53	19 4	5 43	12 36	1 8	20 26	0 11	21 52	0 8	13 0
S 18	1 40	23 22	1 49	4 4	0 20	6 23	0 51	19 0	5 38	12 38	1 8	20 26	0 11	21 52	0 8	13 0
S 19	1 17	19 33	0 39	4 49	0 13	6 52	0 49	18 57	5 34	12 41	1 8	20 26	0 11	21 52	0 8	12 59
M20	0 54	14 34	0n35	5 33	0 6	7 22	0 47	18 53	5 30	12 43	1 8	20 27	0 11	21 52	0 8	12 59
T 21	0 31	8 39	1 49	6 16	0s 2	7 51	0 45	18 49	5 26	12 45	1 8	20 27	0 12	21 52	0 8	12 58
W22	0 8	2 7	2 59	6 59	0 10	8 21	0 42	18 44	5 21	12 47	1 8	20 27	0 12	21 52	0 8	12 58
T 23	0s16	4n39	3 57	7 41	0 17	8 50	0 40	18 40	5 17	12 49	1 8	20 28	0 12	21 52	0 8	12 58
F 24	0 39	11 14	4 40	8 23	0 25	9 19	0 38	18 35	5 13	12 50	1 8	20 28	0 12	21 52	0 8	12 57
S 25	1 2	17 9	5 3	9 4	0 33	9 47	0 35	18 29	5 8	12 52	1 8	20 28	0 12	21 52	0 8	12 57
S 26	1 25	21 57	5 5	9 44	0 40	10 16	0 33	18 24	5 4	12 54	1 8	20 28	0 12	21 52	0 8	12 56
M27	1 48	25 16	4 47	10 24	0 48	10 44	0 30	18 18	5 0	12 56	1 8	20 28	0 12	21 52	0 8	12 56
T 28	2 11	26 52	4 11	11 3	0 56	11 12	0 28	18 12	4 55	12 57	1 8	20 29	0 12	21 52	0 8	12 55
W29	2 34	26 42	3 21	11 41	1 4	11 40	0 25	18 5	4 51	12 59	1 8	20 29	0 12	21 51	0 8	12 55
T 30	2s57	24n56	2n21	12s18	1s12	12s 8	0n23	17s58	4s46	13s 0	1s 8	20s29	0s12	21n51	0s 8	12n55

Julian Day Number = 2706362.5, Delta T = 27m04s  
 Ecliptic obliquity = 23°21'02, Nutation = 0°00'13  
 Ayanamsha: Fagan/Bradley = 34°30'02, Lahiri = 33°37'02

## ASTRODIENST EPHEMERIS for the year 2697

OCTOBER 2697

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	0 41 3	8♌26°59	27♏24	0♏43	4♏17	24♏8	28°R26	29°R 0	10°R49	9°R17	3♏57	11♏37	10♏1	3♏44	29°R23	F 1
S 2	0 44 59	9°25'37	10♏14	2° 5	5°30	24°17	28♏22	29°R 0	10°R48	9°R16	3°59	11°R37	9°58	3°51	29♏21	S 2
S 3	0 48 56	10°24'17	22°48	3°26	6°44	24°27	28°18	28°D59	10°47	9°15	4° 0	11°37	9°54	3°58	29°19	S 3
M 4	0 52 52	11°22'59	5♏10	4°46	7°57	24°37	28°14	29° 0	10°46	9°13	4° 2	11°34	9°51	4° 4	29°17	M 4
T 5	0 56 49	12°21'44	17°22	6° 5	9°11	24°48	28°10	29° 0	10°45	9°12	4° 4	11°29	9°48	4°11	29°15	T 5
W 6	1 0 45	13°20'30	29°27	7°22	10°24	25° 0	28° 7	29° 0	10°44	9°10	4° 5	11°21	9°45	4°18	29°13	W 6
T 7	1 4 42	14°19'18	11♌26	8°37	11°38	25°13	28° 3	29° 0	10°43	9° 9	4° 7	11°11	9°42	4°25	29°11	T 7
F 8	1 8 38	15°18'08	23°22	9°52	12°51	25°26	28° 0	29° 1	10°42	9° 7	4° 8	10°59	9°39	4°31	29° 9	F 8
S 9	1 12 35	16°17'01	5♏14	11° 4	14° 4	25°40	27°57	29° 1	10°41	9° 6	4°10	10°46	9°35	4°38	29° 7	S 9
S 10	1 16 32	17°15'55	17° 5	12°15	15°18	25°55	27°55	29° 2	10°40	9° 4	4°11	10°34	9°32	4°45	29° 5	S 10
M11	1 20 28	18°14'51	28°57	13°24	16°31	26°10	27°52	29° 3	10°39	9° 3	4°13	10°23	9°29	4°51	29° 4	M11
T 12	1 24 25	19°13'49	10♌52	14°31	17°44	26°26	27°50	29° 4	10°37	9° 1	4°14	10°14	9°26	4°58	29° 2	T 12
W13	1 28 21	20°12'49	22°54	15°36	18°58	26°43	27°48	29° 5	10°36	9° 0	4°15	10° 8	9°23	5° 5	29° 1	W13
T 14	1 32 18	21°11'50	5♏5	16°39	20°11	27° 0	27°46	29° 6	10°35	8°58	4°17	10° 5	9°20	5°12	28°59	T 14
F 15	1 36 14	22°10'53	17°32	17°40	21°24	27°18	27°44	29° 7	10°33	8°56	4°18	10°D 4	9°16	5°18	28°58	F 15
S 16	1 40 11	23° 9'58	0♏17	18°37	22°38	27°37	27°42	29° 8	10°32	8°55	4°20	10° 4	9°13	5°25	28°56	S 16
S 17	1 44 7	24° 9'05	13°27	19°32	23°51	27°56	27°41	29° 9	10°31	8°53	4°21	10°R 4	9°10	5°32	28°55	S 17
M18	1 48 4	25° 8'13	27° 4	20°24	25° 4	28°16	27°40	29°11	10°29	8°52	4°22	10° 3	9° 7	5°38	28°53	M18
T 19	1 52 1	26° 7'23	11♏11	21°13	26°17	28°36	27°39	29°12	10°27	8°50	4°24	10° 0	9° 4	5°45	28°52	T 19
W20	1 55 57	27° 6'35	25°47	21°57	27°31	28°56	27°38	29°14	10°26	8°48	4°25	9°54	9° 0	5°52	28°51	W20
T 21	1 59 54	28° 5'48	10♏47	22°38	28°44	29°18	27°38	29°16	10°24	8°47	4°26	9°46	8°57	5°59	28°50	T 21
F 22	2 3 50	29° 5'04	26° 3	23°14	29°57	29°39	27°37	29°18	10°23	8°45	4°27	9°36	8°54	6° 5	28°49	F 22
S 23	2 7 47	0♏4'21	11♏25	23°45	1♌10	0♏2	27°D37	29°20	10°21	8°43	4°29	9°25	8°51	6°12	28°48	S 23
S 24	2 11 43	1° 3'41	26°40	24°11	2°23	0°24	27°37	29°22	10°19	8°42	4°30	9°14	8°48	6°19	28°47	S 24
M25	2 15 40	2° 3'03	11♏38	24°31	3°36	0°48	27°37	29°24	10°17	8°40	4°31	9° 5	8°45	6°26	28°46	M25
T 26	2 19 36	3° 2'27	26°11	24°45	4°50	1°11	27°38	29°26	10°15	8°38	4°32	8°59	8°41	6°32	28°45	T 26
W27	2 23 33	4° 1'53	10♏16	24°R52	6° 3	1°36	27°38	29°28	10°14	8°37	4°33	8°55	8°38	6°39	28°45	W27
T 28	2 27 30	5° 1'22	23°52	24°52	7°16	2° 0	27°39	29°31	10°12	8°35	4°34	8°54	8°35	6°46	28°44	T 28
F 29	2 31 26	6° 0'53	7♏1	24°44	8°29	2°25	27°40	29°33	10°10	8°33	4°35	8°54	8°32	6°52	28°43	F 29
S 30	2 35 23	7° 0'26	19°47	24°27	9°42	2°51	27°41	29°36	10° 8	8°32	4°36	8°54	8°29	6°59	28°43	S 30
S 31	2 39 19	8♏0'01	2♏15	24♏2	10♌55	3♏16	27♏43	29°R38	10°R 6	8°R30	4♏38	8♏52	8♏25	7♏6	28♏42	S 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	3s20	21n50	1n15	12s55	1s19	12s35	0n20	17s51	4s42	13s 2	1s 8	20s29	0s12	21n51	0s 8	12n54
S 2	3 43	17 44	0 7	13 31	1 27	13 2	0 17	14 44	4 37	13 3	1 7	20 29	0 12	21 51	0 8	12 54
S 3	4 6	12 56	0s59	14 6	1 35	13 29	0 15	17 37	4 33	13 5	1 7	20 29	0 12	21 51	0 8	12 53
M 4	4 29	7 41	2 2	14 40	1 42	13 55	0 12	17 29	4 29	13 6	1 7	20 29	0 12	21 51	0 8	12 53
T 5	4 52	2 14	2 58	15 13	1 50	14 21	0 9	17 21	4 24	13 7	1 7	20 29	0 12	21 51	0 8	12 52
W 6	5 15	3s14	3 46	15 46	1 57	14 47	0 6	17 13	4 20	13 8	1 7	20 29	0 12	21 51	0 8	12 52
T 7	5 38	8 32	4 23	16 17	2 4	15 12	0 4	17 5	4 15	13 9	1 7	20 29	0 13	21 50	0 8	12 51
F 8	6 0	13 30	4 48	16 47	2 11	15 38	0 1	16 56	4 11	13 10	1 7	20 29	0 13	21 50	0 8	12 51
S 9	6 23	17 56	5 0	17 17	2 18	16 2	0s 2	16 47	4 7	13 11	1 7	20 29	0 13	21 50	0 8	12 50
S 10	6 45	21 40	5 0	17 45	2 25	16 26	0 5	16 38	4 3	13 12	1 7	20 29	0 13	21 50	0 8	12 50
M11	7 8	24 30	4 46	18 12	2 31	16 50	0 8	16 29	3 58	13 13	1 7	20 29	0 13	21 50	0 8	12 49
T 12	7 30	26 17	4 20	18 38	2 37	17 14	0 11	16 19	3 54	13 14	1 7	20 29	0 13	21 50	0 8	12 49
W13	7 52	26 52	3 43	19 3	2 43	17 37	0 14	16 10	3 50	13 14	1 6	20 29	0 13	21 49	0 8	12 48
T 14	8 14	26 9	2 54	19 27	2 49	17 59	0 17	16 0	3 46	13 15	1 6	20 28	0 13	21 49	0 8	12 48
F 15	8 36	24 8	1 57	19 49	2 54	18 22	0 20	15 50	3 41	13 15	1 6	20 28	0 13	21 49	0 8	12 47
S 16	8 58	20 51	0 52	20 10	2 59	18 43	0 22	15 39	3 37	13 16	1 6	20 28	0 13	21 49	0 8	12 47
S 17	9 20	16 26	0n18	20 30	3 3	19 5	0 25	15 29	3 33	13 16	1 6	20 28	0 13	21 49	0 8	12 46
M18	9 42	11 3	1 29	20 48	3 8	19 25	0 28	15 18	3 29	13 16	1 6	20 28	0 13	21 48	0 8	12 46
T 19	10 3	4 55	2 37	21 4	3 11	19 45	0 31	15 8	3 25	13 17	1 6	20 27	0 13	21 48	0 8	12 45
W20	10 24	1n39	3 37	21 19	3 14	20 5	0 34	14 57	3 21	13 17	1 6	20 27	0 13	21 48	0 8	12 45
T 21	10 45	8 17	4 23	21 32	3 16	20 24	0 37	14 45	3 17	13 17	1 6	20 27	0 13	21 48	0 8	12 44
F 22	11 6	14 34	4 52	21 42	3 18	20 43	0 40	14 34	3 13	13 17	1 5	20 26	0 13	21 48	0 8	12 43
S 23	11 27	19 57	5 0	21 51	3 19	21 1	0 43	14 23	3 10	13 17	1 5	20 26	0 13	21 47	0 8	12 43
S 24	11 48	23 59	4 47	21 58	3 19	21 19	0 46	14 11	3 6	13 17	1 5	20 26	0 14	21 47	0 8	12 42
M25	12 9	26 17	4 14	22 2	3 18	21 36	0 49	13 59	3 2	13 16	1 5	20 25	0 14	21 47	0 8	12 42
T 26	12 29	26 43	3 25	22 3	3 16	21 52	0 52	13 47	2 58	13 16	1 5	20 25	0 14	21 47	0 8	12 41
W27	12 49	25 22	2 25	22 2	3 13	22 8	0 55	13 35	2 55	13 16	1 5	20 25	0 14	21 46	0 8	12 41
T 28	13 9	22 32	1 19	21 58	3 9	22 23	0 58	13 23	2 51	13 15	1 5	20 24	0 14	21 46	0 8	12 40
F 29	13 29	18 37	0 10	21 50	3 3	22 38	1 0	13 11	2 47	13 15	1 5	20 24	0 14	21 46	0 8	12 40
S 30	13 48	13 55	0s57	21 39	2 56	22 52	1 3	12 58	2 44	13 14	1 5	20 23	0 14	21 46	0 8	12 39
S 31	14s 7	8n46	2s 0	21s24	2s47	23s 5	1s 6	12s45	2s40	13s14	1s 4	20s23	0s14	21n45	0s 8	12n39

Julian Day Number = 2706392.5, Delta T = 27m04s

Ecliptic obliquity = 23°21'02, Nutation = 0°00'13

Ayanamsha: Fagan/Bradley = 34°30'06, Lahiri = 33°37'06

## ASTRODIENST EPHEMERIS for the year 2697

NOVEMBER 2697

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	2 43 16	8♂59'39	14♂28	23°R28	12♂8	3♂43	27♂45	29♂41	10°R 4	8°R28	4♂39	8°R49	8♂22	7♂13	28°R42	M 1
T 2	2 47 12	9°59'18	26°32	22♂46	13°21	4°9	27°46	29°44	10♂2	8♂27	4°39	8♂42	8°19	7°19	28♂41	T 2
W 3	2 51 9	10°59'00	8♂29	21°55	14°34	4°36	27°48	29°47	10°0	8°25	4°40	8°33	8°16	7°26	28°41	W 3
T 4	2 55 5	11°58'44	20°23	20°56	15°47	5°4	27°51	29°50	9°58	8°23	4°41	8°21	8°13	7°33	28°41	T 4
F 5	2 59 2	12°58'30	2♂15	19°50	17°0	5°31	27°53	29°53	9°55	8°22	4°42	8°6	8°10	7°39	28°41	F 5
S 6	3 2 59	13°58'18	14°7	18°38	18°12	6°0	27°56	29°56	9°53	8°20	4°43	7°52	8°6	7°46	28°41	S 6
S 7	3 6 55	14°58'08	26°0	17°23	19°25	6°28	27°58	29°59	9°51	8°18	4°44	7°37	8°3	7°53	28°D41	S 7
M 8	3 10 52	15°58'00	7♂56	16°7	20°38	6°57	28°1	0♂3	9°49	8°17	4°45	7°24	8°0	8°0	28°41	M 8
T 9	3 14 48	16°57'54	19°57	14°51	21°51	7°26	28°5	0°7	9°47	8°15	4°46	7°14	7°57	8°6	28°41	T 9
W10	3 18 45	17°57'49	2♂3	13°38	23°4	7°56	28°8	0°10	9°44	8°13	4°46	7°6	7°54	8°13	28°41	W10
T 11	3 22 41	18°57'46	14°18	12°30	24°17	8°25	28°12	0°14	9°42	8°12	4°47	7°2	7°51	8°20	28°41	T 11
F 12	3 26 38	19°57'45	26°46	11°30	25°29	8°56	28°15	0°18	9°40	8°10	4°48	7°0	7°47	8°27	28°42	F 12
S 13	3 30 34	20°57'46	9♂30	10°39	26°42	9°26	28°19	0°21	9°38	8°8	4°49	6°D59	7°44	8°33	28°42	S 13
S 14	3 34 31	21°57'47	22°34	9°58	27°55	9°57	28°24	0°25	9°35	8°7	4°49	7°R 0	7°41	8°40	28°42	S 14
M15	3 38 28	22°57'51	6♂2	9°28	29°7	10°28	28°28	0°29	9°33	8°5	4°50	6°59	7°38	8°47	28°43	M15
T 16	3 42 24	23°57'56	19°57	9°10	0♂20	10°59	28°32	0°33	9°30	8°4	4°50	6°57	7°35	8°53	28°43	T 16
W17	3 46 21	24°58'02	4°Y20	9°D 4	1°33	11°31	28°37	0°38	9°28	8°2	4°51	6°52	7°31	9°0	28°44	W17
T 18	3 50 17	25°58'10	19°8	9°9	2°45	12°2	28°42	0°42	9°26	8°0	4°52	6°44	7°28	9°7	28°45	T 18
F 19	3 54 14	26°58'19	4♂15	9°24	3°58	12°34	28°47	0°46	9°23	7°59	4°52	6°35	7°25	9°14	28°45	F 19
S 20	3 58 10	27°58'31	19°32	9°50	5°10	13°7	28°52	0°50	9°21	7°57	4°53	6°24	7°22	9°20	28°46	S 20
S 21	4 2 7	28°58'43	4♂47	10°24	6°23	13°39	28°58	0°55	9°18	7°56	4°53	6°14	7°19	9°27	28°47	S 21
M22	4 6 3	29°58'58	19°51	11°7	7°35	14°12	29°3	0°59	9°16	7°54	4°53	6°6	7°16	9°34	28°48	M22
T 23	4 10 0	0♂59'15	4♂33	11°57	8°47	14°45	29°9	1°4	9°13	7°53	4°54	5°59	7°12	9°41	28°49	T 23
W24	4 13 57	1°59'33	18°48	12°54	10°0	15°18	29°15	1°9	9°11	7°51	4°54	5°56	7°9	9°47	28°50	W24
T 25	4 17 53	2°59'53	2♂33	13°57	11°12	15°52	29°21	1°13	9°8	7°50	4°55	5°D55	7°6	9°54	28°51	T 25
F 26	4 21 50	4°0'15	15°49	15°4	12°24	16°25	29°27	1°18	9°6	7°48	4°55	5°55	7°3	10°1	28°53	F 26
S 27	4 25 46	5°0'39	28°40	16°15	13°36	16°59	29°34	1°23	9°3	7°47	4°55	5°56	7°0	10°7	28°54	S 27
S 28	4 29 43	6°1'05	11♂9	17°30	14°48	17°33	29°40	1°28	9°1	7°45	4°55	5°R56	6°57	10°14	28°55	S 28
M29	4 33 39	7°1'33	23°22	18°49	16°1	18°7	29°47	1°33	8°58	7°44	4°56	5°54	6°53	10°21	28°57	M29
T 30	4 37 36	8♂2'02	5♂24	20♂10	17♂13	18♂42	29♂54	1♂38	8♂56	7♂43	4♂56	5♂50	6♂50	10♂28	28♂58	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	14s27	3n23	2s56	21s 6	2s36	23s18	1s 9	12s33	2s37	13s13	1s 4	20s22	0s14	21n45	0s 8	12n38
T 2	14 45	2s 2	3 43	20 43	2 24	23 30	1 12	12 20	2 33	13 12	1 4	20 22	0 14	21 45	0 8	12 38
W 3	15 4	7 20	4 20	20 16	2 10	23 42	1 14	12 7	2 30	13 12	1 4	20 21	0 14	21 44	0 8	12 37
T 4	15 22	12 20	4 45	19 46	1 54	23 52	1 17	11 54	2 26	13 11	1 4	20 20	0 14	21 44	0 8	12 37
F 5	15 41	16 52	4 58	19 11	1 37	24 2	1 20	11 40	2 23	13 10	1 4	20 20	0 14	21 44	0 8	12 36
S 6	15 58	20 45	4 58	19 34	1 19	24 12	1 22	11 27	2 20	13 9	1 4	20 19	0 14	21 43	0 8	12 35
S 7	16 16	23 47	4 44	17 54	0 59	24 21	1 25	11 13	2 17	13 8	1 3	20 18	0 14	21 43	0 8	12 35
M 8	16 33	25 48	4 19	17 13	0 38	24 29	1 28	11 0	2 13	13 6	1 3	20 18	0 14	21 43	0 8	12 34
T 9	16 50	26 39	3 41	16 31	0 18	24 36	1 30	10 46	2 10	13 5	1 3	20 17	0 14	21 42	0 8	12 34
W10	17 7	26 13	2 53	15 50	0n 3	24 43	1 33	10 32	2 7	13 4	1 3	20 16	0 14	21 42	0 8	12 33
T 11	17 24	24 31	1 57	15 10	0 23	24 48	1 35	10 18	2 4	13 3	1 3	20 16	0 14	21 42	0 8	12 33
F 12	17 40	21 36	0 54	14 34	0 42	24 54	1 37	10 4	2 1	13 1	1 3	20 15	0 15	21 41	0 8	12 32
S 13	17 56	17 36	0n13	14 1	0 59	24 58	1 40	9 49	1 58	13 0	1 3	20 14	0 15	21 41	0 8	12 32
S 14	18 11	12 39	1 22	13 33	1 15	25 2	1 42	9 35	1 55	12 58	1 3	20 13	0 15	21 41	0 8	12 31
M15	18 27	6 59	2 27	13 10	1 30	25 5	1 44	9 21	1 52	12 56	1 2	20 13	0 15	21 40	0 8	12 31
T 16	18 42	0 47	3 27	12 53	1 42	25 7	1 46	9 6	1 49	12 55	1 2	20 12	0 15	21 40	0 8	12 30
W17	18 56	5n37	4 15	12 41	1 53	25 9	1 48	8 51	1 46	12 53	1 2	20 11	0 15	21 40	0 8	12 30
T 18	19 11	11 54	4 48	12 34	2 1	25 10	1 50	8 37	1 43	12 51	1 2	20 10	0 15	21 39	0 8	12 29
F 19	19 25	17 37	5 2	12 33	2 8	25 10	1 52	8 22	1 40	12 49	1 2	20 9	0 15	21 39	0 8	12 29
S 20	19 38	22 16	4 54	12 36	2 13	25 9	1 54	8 7	1 38	12 47	1 2	20 8	0 15	21 39	0 8	12 28
S 21	19 51	25 22	4 26	12 43	2 17	25 8	1 56	7 52	1 35	12 45	1 2	20 7	0 15	21 38	0 8	12 28
M22	20 4	26 36	3 39	12 54	2 19	25 6	1 58	7 37	1 32	12 43	1 2	20 6	0 15	21 38	0 8	12 27
T 23	20 17	25 55	2 39	13 9	2 20	25 3	2 0	7 22	1 30	12 41	1 1	20 6	0 15	21 38	0 8	12 27
W24	20 29	23 31	1 30	13 26	2 20	25 0	2 1	7 7	1 27	12 39	1 1	20 5	0 15	21 37	0 8	12 26
T 25	20 41	19 49	0 18	13 46	2 18	24 55	2 3	6 51	1 24	12 37	1 1	20 4	0 15	21 37	0 8	12 26
F 26	20 52	15 12	0s53	14 7	2 16	24 50	2 4	6 36	1 22	12 34	1 1	20 3	0 15	21 36	0 8	12 26
S 27	21 3	10 3	1 58	14 31	2 13	24 45	2 6	6 20	1 19	12 32	1 1	20 2	0 15	21 36	0 8	12 25
S 28	21 14	4 38	2 57	14 55	2 10	24 38	2 7	6 5	1 17	12 30	1 1	20 1	0 15	21 36	0 8	12 25
M29	21 24	0s50	3 45	15 21	2 5	24 31	2 8	5 49	1 14	12 27	1 1	19 59	0 15	21 35	0 8	12 24
T 30	21s34	6s10	4s23	15s47	2n 0	24s23	2s10	5s34	1s12	12s25	1s 1	19s58	0s16	21n35	0s 7	12n24

Julian Day Number = 2706423.5, Delta T = 27m05s

Ecliptic obliquity = 23°21'01, Nutation = 0°00'12

Ayanamsha: Fagan/Bradley = 34°30'10, Lahiri = 33°37'10





## ASTRODIENST EPHEMERIS for the year 2698

FEBRUARY 2698

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 45 59	12°27'	16°12'	29°11'	29°11'	28°28'	11°17'	8°27'	6°59'	7°10'	4°13'	3°52'	3°30'	17°31'	2°13'	T 1
W 2	8 49 56	13°33'	29°2'	0°37'	0°5'	29°7'	11°31'	8°34'	6°58'	7°10'	4°12'	3°52'	3°27'	17°38'	2°17'	W 2
T 3	8 53 52	14°43'	12°10'	1°58'	1°6'	29°47'	11°45'	8°41'	6°58'	7°11'	4°11'	3°52'	3°24'	17°45'	2°21'	T 3
F 4	8 57 49	15°53'	25°34'	3°16'	2°7'	0°26'	11°58'	8°48'	6°57'	7°12'	4°9'	3°52'	3°21'	17°51'	2°26'	F 4
S 5	9 1 45	16°6'36"	9°13'	4°29'	3°7'	1°6'	12°12'	8°56'	6°57'	7°12'	4°8'	3°51'	3°17'	17°58'	2°30'	S 5
S 6	9 5 42	17°7'36"	23°6'	5°36'	4°6'	1°46'	12°26'	9°3'	6°56'	7°13'	4°7'	3°49'	3°14'	18°5'	2°34'	S 6
M 7	9 9 38	18°8'36"	7°8'	6°36'	5°5'	2°25'	12°40'	9°10'	6°56'	7°14'	4°5'	3°47'	3°11'	18°11'	2°38'	M 7
T 8	9 13 35	19°9'34"	21°16'	7°29'	6°4'	3°5'	12°54'	9°17'	6°55'	7°14'	4°4'	3°45'	3°8'	18°18'	2°43'	T 8
W 9	9 17 32	20°10'31"	5°27'	8°15'	7°2'	3°45'	13°7'	9°24'	6°55'	7°15'	4°2'	3°44'	3°5'	18°25'	2°47'	W 9
T 10	9 21 28	21°11'27"	19°39'	8°51'	7°59'	4°24'	13°21'	9°31'	6°55'	7°16'	4°1'	3°43'	3°1'	18°32'	2°51'	T 10
F 11	9 25 25	22°12'22"	3°49'	9°17'	8°56'	5°4'	13°35'	9°38'	6°55'	7°17'	4°0'	3°44'	2°58'	18°38'	2°56'	F 11
S 12	9 29 21	23°13'15"	17°55'	9°33'	9°52'	5°44'	13°49'	9°45'	6°55'	7°18'	3°58'	3°45'	2°55'	18°45'	3°0'	S 12
S 13	9 33 18	24°14'07"	1°56'	9°R39	10°48'	6°24'	14°4'	9°52'	6°D55	7°19'	3°57'	3°46'	2°52'	18°52'	3°4'	S 13
M14	9 37 14	25°14'58"	15°49'	9°33'	11°43'	7°3'	14°18'	9°59'	6°55'	7°20'	3°55'	3°48'	2°49'	18°58'	3°9'	M14
T 15	9 41 11	26°15'48"	29°33'	9°16'	12°38'	7°43'	14°32'	10°6'	6°55'	7°21'	3°54'	3°R48	2°46'	19°5'	3°13'	T 15
W16	9 45 7	27°16'36"	13°6'	8°48'	13°32'	8°23'	14°46'	10°13'	6°55'	7°22'	3°52'	3°48'	2°42'	19°12'	3°18'	W16
T 17	9 49 4	28°17'24"	26°25'	8°10'	14°25'	9°3'	15°0'	10°20'	6°55'	7°23'	3°51'	3°47'	2°39'	19°19'	3°22'	T 17
F 18	9 53 1	29°18'10"	9°31'	7°23'	15°17'	9°42'	15°14'	10°26'	6°55'	7°24'	3°49'	3°44'	2°36'	19°25'	3°26'	F 18
S 19	9 56 57	0°18'54"	22°20'	6°27'	16°9'	10°22'	15°29'	10°33'	6°56'	7°25'	3°48'	3°40'	2°33'	19°32'	3°31'	S 19
S 20	10 0 54	1°19'38"	4°55'	5°25'	17°0'	11°2'	15°43'	10°40'	6°56'	7°26'	3°46'	3°35'	2°30'	19°39'	3°35'	S 20
M21	10 4 50	2°20'21"	17°15'	4°18'	17°50'	11°41'	15°57'	10°47'	6°56'	7°27'	3°45'	3°30'	2°27'	19°45'	3°39'	M21
T 22	10 8 47	3°21'02"	29°23'	3°8'	18°39'	12°21'	16°11'	10°54'	6°57'	7°28'	3°43'	3°25'	2°23'	19°52'	3°44'	T 22
W23	10 12 43	4°21'43"	11°12'	1°58'	19°27'	13°1'	16°26'	11°0'	6°57'	7°29'	3°42'	3°22'	2°20'	19°59'	3°48'	W23
T 24	10 16 40	5°22'22"	23°14'	0°48'	20°15'	13°41'	16°40'	11°7'	6°58'	7°31'	3°40'	3°19'	2°17'	20°6'	3°53'	T 24
F 25	10 20 36	6°23'01"	5°6'	29°41'	21°1'	14°20'	16°54'	11°14'	6°58'	7°32'	3°39'	3°D19	2°14'	20°12'	3°57'	F 25
S 26	10 24 33	7°23'38"	17°2'	28°38'	21°47'	15°0'	17°9'	11°21'	6°59'	7°33'	3°38'	3°19'	2°11'	20°19'	4°1'	S 26
S 27	10 28 30	8°24'15"	29°6'	27°41'	22°32'	15°40'	17°23'	11°27'	7°0'	7°35'	3°36'	3°20'	2°7'	20°26'	4°6'	S 27
M28	10 32 26	9°24'50"	11°25'	26°49'	23°15'	16°20'	17°38'	11°34'	7°II 0	7°36'	3°35'	3°22'	2°4'	20°33'	4°10'	M28

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
T 1	17s 7	23s58	1s36	12s38	0s59	0s 8	0n15	11n20	0n28	8s10	0s56	18s24	0s19	21n17	0s 7	T 1
W 2	16 50	20 43	0 27	11 58	0 48	0n22	0 22	11 35	0 29	8 5	0 56	18 22	0 19	21 17	0 7	W 2
T 3	16 33	16 21	0n46	11 19	0 37	0 52	0 28	11 49	0 30	8 0	0 56	18 20	0 19	21 17	0 7	T 3
F 4	16 15	11 7	1 57	10 39	0 25	1 22	0 34	12 4	0 31	7 54	0 56	18 18	0 20	21 17	0 7	F 4
S 5	15 57	5 15	3 3	10 1	0 12	1 51	0 41	12 19	0 32	7 49	0 56	18 17	0 20	21 17	0 7	S 5
S 6	15 39	0n56	4 0	9 23	0n 2	2 21	0 47	12 33	0 33	7 44	0 56	18 15	0 20	21 17	0 7	S 6
M 7	15 20	7 8	4 42	8 47	0 17	2 51	0 54	12 48	0 34	7 39	0 56	18 13	0 20	21 17	0 7	M 7
T 8	15 1	13 1	5 8	8 13	0 32	3 20	1 1	13 2	0 35	7 33	0 56	18 11	0 20	21 17	0 7	T 8
W 9	14 42	18 15	5 15	7 42	0 49	3 49	1 8	13 17	0 36	7 28	0 56	18 9	0 20	21 17	0 7	W 9
T 10	14 23	22 27	5 4	7 13	1 5	4 18	1 15	13 31	0 36	7 23	0 56	18 8	0 20	21 17	0 7	T 10
F 11	14 3	25 18	4 33	6 47	1 22	4 47	1 22	13 45	0 37	7 17	0 56	18 6	0 20	21 17	0 7	F 11
S 12	13 44	26 34	3 47	6 26	1 39	5 16	1 30	13 59	0 38	7 12	0 56	18 4	0 20	21 17	0 7	S 12
S 13	13 24	26 7	2 47	6 8	1 56	5 45	1 37	14 13	0 39	7 6	0 56	18 2	0 20	21 17	0 7	S 13
M14	13 3	24 2	1 38	5 54	2 13	6 13	1 45	14 27	0 40	7 1	0 56	18 0	0 20	21 17	0 6	M14
T 15	12 43	20 33	0 23	5 46	2 29	6 42	1 52	14 40	0 40	6 56	0 56	17 59	0 20	21 17	0 6	T 15
W16	12 22	16 1	0s51	5 42	2 44	7 10	2 0	14 54	0 41	6 50	0 56	17 57	0 20	21 17	0 6	W16
T 17	12 1	10 46	2 1	5 43	2 58	7 37	2 8	15 7	0 42	6 45	0 56	17 55	0 21	21 17	0 6	T 17
F 18	11 40	5 8	3 4	5 49	3 10	8 5	2 16	15 20	0 43	6 39	0 56	17 53	0 21	21 17	0 6	F 18
S 19	11 19	0s35	3 55	6 0	3 21	8 32	2 24	15 34	0 43	6 34	0 56	17 52	0 21	21 17	0 6	S 19
S 20	10 58	6 9	4 35	6 15	3 29	8 59	2 32	15 47	0 44	6 28	0 56	17 50	0 21	21 17	0 6	S 20
M21	10 36	11 22	5 0	6 33	3 35	9 26	2 40	16 0	0 45	6 23	0 56	17 48	0 21	21 17	0 6	M21
T 22	10 14	16 4	5 12	6 54	3 39	9 52	2 48	16 13	0 45	6 17	0 56	17 46	0 21	21 17	0 6	T 22
W23	9 52	20 5	5 9	7 18	3 41	10 18	2 56	16 25	0 46	6 12	0 56	17 44	0 21	21 17	0 6	W23
T 24	9 30	23 15	4 54	7 43	3 40	10 44	3 5	16 38	0 47	6 6	0 56	17 43	0 21	21 17	0 6	T 24
F 25	9 8	25 26	4 26	8 10	3 36	11 10	3 13	16 50	0 47	6 1	0 56	17 41	0 21	21 17	0 6	F 25
S 26	8 46	26 28	3 46	8 36	3 31	11 35	3 22	17 3	0 48	5 55	0 56	17 39	0 21	21 17	0 6	S 26
S 27	8 23	26 17	2 56	9 2	3 24	11 59	3 31	17 15	0 49	5 49	0 56	17 37	0 21	21 18	0 6	S 27
M28	8s 1	24s48	1s57	9s28	3n15	12n24	3n39	17n27	0n49	5s44	0s56	17s36	0s21	21n18	0s 6	M28

Julian Day Number = 2706515.5, Delta T = 27m06s

Ecliptic obliquity = 23°21'00", Nutation = 0°00'16"

Ayanamsha: Fagan/Bradley = 34°30'23", Lahiri = 33°37'23"

## ASTRODIENST EPHEMERIS for the year 2698

MARCH 2698

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 36 23	10 <sup>h</sup> 25'24"	24 <sup>h</sup> 31'	26°R 5	23 <sup>h</sup> 58'	16 <sup>h</sup> 59'	17 <sup>h</sup> 52'	11 <sup>h</sup> 40'	7 <sup>h</sup> 11'	7 <sup>h</sup> 37'	3°R33	3 <sup>h</sup> 24'	2 <sup>h</sup> 1	20 <sup>h</sup> 39'	4 <sup>h</sup> 15'	T 1
W 2	10 40 19	11°25'56"	6 <sup>h</sup> 58'	25 <sup>h</sup> 29'	24°39'	17°39'	18° 7'	11°47'	7° 2'	7°39'	3 <sup>h</sup> 32'	3°R24	1°58'	20°46'	4°19'	W 2
T 3	10 44 16	12°26'27"	20°19'	25° 0	25°19'	18°19'	18°21'	11°53'	7° 3'	7°40'	3°30'	3°23'	1°55'	20°53'	4°23'	T 3
F 4	10 48 12	13°26'57"	4 <sup>h</sup> 3	24°38'	25°58'	18°58'	18°36'	12° 0	7° 4'	7°42'	3°29'	3°19'	1°52'	20°59'	4°28'	F 4
S 5	10 52 9	14°27'25"	18° 8	24°24'	26°36'	19°38'	18°50'	12° 6	7° 5'	7°43'	3°27'	3°14'	1°48'	21° 6	4°32'	S 5
S 6	10 56 5	15°27'52"	2 <sup>h</sup> 29'	24°D18	27°13'	20°18'	19° 5	12°13'	7° 6	7°45'	3°26'	3° 8	1°45'	21°13'	4°36'	S 6
M 7	11 0 2	16°28'17"	17° 1	24°18'	27°48'	20°58'	19°19'	12°19'	7° 7	7°46'	3°24'	3° 1	1°42'	21°20'	4°41'	M 7
T 8	11 3 59	17°28'40"	1 <sup>h</sup> 37'	24°25'	28°22'	21°37'	19°34'	12°25'	7° 8	7°48'	3°23'	2°54'	1°39'	21°26'	4°45'	T 8
W 9	11 7 55	18°29'01"	16° 9	24°37'	28°54'	22°17'	19°48'	12°31'	7° 9	7°49'	3°22'	2°48'	1°36'	21°33'	4°49'	W 9
T 10	11 11 52	19°29'20"	0 <sup>h</sup> 34'	24°56'	29°25'	22°57'	20° 3	12°38'	7°11	7°51'	3°20'	2°45'	1°33'	21°40'	4°54'	T 10
F 11	11 15 48	20°29'38"	14°47'	25°20'	29°54'	23°36'	20°17'	12°44'	7°12	7°53'	3°19'	2°D43	1°29'	21°46'	4°58'	F 11
S 12	11 19 45	21°29'54"	28°46'	25°50'	0 <sup>h</sup> 21'	24°16'	20°32'	12°50'	7°13	7°54'	3°17'	2°43'	1°26'	21°53'	5° 2	S 12
S 13	11 23 41	22°30'07"	12 <sup>h</sup> 31'	26°24'	0°47'	24°56'	20°46'	12°56'	7°15	7°56'	3°16'	2°44'	1°23'	22° 0	5° 6	S 13
M14	11 27 38	23°30'18"	26° 3	27° 2	1°11'	25°35'	21° 1	13° 2	7°16	7°58'	3°15'	2°R45	1°20'	22° 7	5°11'	M14
T 15	11 31 34	24°30'28"	9 <sup>h</sup> 22'	27°44'	1°33'	26°15'	21°15'	13° 8	7°18	8° 0	3°13'	2°45'	1°17'	22°13'	5°15'	T 15
W16	11 35 31	25°30'35"	22°30'	28°30'	1°53'	26°55'	21°30'	13°14'	7°19	8° 1	3°12'	2°43'	1°13'	22°20'	5°19'	W16
T 17	11 39 28	26°30'40"	5 <sup>h</sup> 26'	29°20'	2°12'	27°34'	21°44'	13°20'	7°21	8° 3	3°11'	2°39'	1°10'	22°27'	5°23'	T 17
F 18	11 43 24	27°30'44"	18°12'	0 <sup>h</sup> 13'	2°28'	28°14'	21°59'	13°25'	7°22	8° 5	3° 9	2°32'	1° 7	22°33'	5°27'	F 18
S 19	11 47 21	28°30'45"	0 <sup>h</sup> 46'	1° 9	2°42'	28°53'	22°13'	13°31'	7°24	8° 7	3° 8	2°23'	1° 4	22°40'	5°31'	S 19
S 20	11 51 17	29°30'45"	13°10'	2° 8	2°54'	29°33'	22°28'	13°37'	7°26	8° 9	3° 7	2°12'	1° 1	22°47'	5°35'	S 20
M21	11 55 14	0 <sup>h</sup> 30'43"	25°23'	3° 9	3° 4	0 <sup>h</sup> 12'	22°42'	13°42'	7°27	8°10'	3° 5	2° 1	0°58'	22°53'	5°39'	M21
T 22	11 59 10	1°30'39"	7 <sup>h</sup> 27'	4°13'	3°11'	0°52'	22°56'	13°48'	7°29	8°12'	3° 4	1°50'	0°54'	23° 0	5°44'	T 22
W23	12 3 7	2°30'33"	19°24'	5°19'	3°16'	1°31'	23°11'	13°53'	7°31	8°14'	3° 3	1°40'	0°51'	23° 7	5°48'	W23
T 24	12 7 3	3°30'26"	1 <sup>h</sup> 15'	6°28'	3°19'	2°11'	23°25'	13°59'	7°33	8°16'	3° 2	1°33'	0°48'	23°14'	5°52'	T 24
F 25	12 11 0	4°30'18"	13° 6	7°39'	3°R19	2°50'	23°40'	14° 4	7°35	8°18'	3° 0	1°28'	0°45'	23°20'	5°56'	F 25
S 26	12 14 56	5°30'07"	25° 0	8°51'	3°17'	3°30'	23°54'	14°10'	7°37	8°20'	2°59'	1°26'	0°42'	23°27'	6° 0	S 26
S 27	12 18 53	6°29'55"	7 <sup>h</sup> 1	10° 6	3°13'	4° 9	24° 8	14°15'	7°39	8°22'	2°58'	1°D25	0°38'	23°34'	6° 3	S 27
M28	12 22 50	7°29'41"	19°17'	11°22'	3° 6	4°49'	24°23'	14°20'	7°41	8°24'	2°57'	1°25'	0°35'	23°40'	6° 7	M28
T 29	12 26 46	8°29'26"	1 <sup>h</sup> 50'	12°41'	2°56'	5°28'	24°37'	14°25'	7°43	8°26'	2°56'	1°R26	0°32'	23°47'	6°11'	T 29
W30	12 30 43	9°29'09"	14°47'	14° 1	2°45'	6° 8	24°51'	14°30'	7°45	8°28'	2°54'	1°25'	0°29'	23°54'	6°15'	W30
T 31	12 34 39	10 <sup>h</sup> 28'50"	28 <sup>h</sup> 11'	15 <sup>h</sup> 22'	2 <sup>h</sup> 30'	6 <sup>h</sup> 47'	25 <sup>h</sup> 6	14 <sup>h</sup> 35'	7 <sup>h</sup> 48	8 <sup>h</sup> 30'	2 <sup>h</sup> 53'	1 <sup>h</sup> 22'	0 <sup>h</sup> 26'	24 <sup>h</sup> 1	6 <sup>h</sup> 19'	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	7s38	22s 4	0s51	9s52	3n 5	12n48	3n48	17n39	0n50	5s38	0s56	17s34	0s22	21n18	0s 6	T 1
W 2	7 15	18 9	0n19	10 15	2 54	13 11	3 57	17 51	0 51	5 33	0 56	17 32	0 22	21 18	0 6	W 2
T 3	6 52	13 14	1 31	10 36	2 42	13 34	4 6	18 2	0 51	5 27	0 56	17 31	0 22	21 18	0 6	T 3
F 4	6 29	7 31	2 39	10 55	2 29	13 57	4 15	18 14	0 52	5 21	0 56	17 29	0 22	21 18	0 6	F 4
S 5	6 6	1 19	3 38	11 12	2 16	14 19	4 24	18 25	0 52	5 16	0 56	17 27	0 22	21 19	0 6	S 5
S 6	5 43	5n 3	4 26	11 26	2 3	14 41	4 33	18 36	0 53	5 10	0 56	17 25	0 22	21 19	0 6	S 6
M 7	5 19	11 13	4 56	11 39	1 50	15 2	4 42	18 47	0 53	5 4	0 56	17 24	0 22	21 19	0 6	M 7
T 8	4 56	16 48	5 8	11 49	1 36	15 23	4 51	18 58	0 54	4 59	0 56	17 22	0 22	21 19	0 6	T 8
W 9	4 32	21 54	5 0	11 58	1 23	15 43	5 0	19 9	0 55	4 53	0 56	17 20	0 22	21 19	0 6	W 9
T 10	4 9	24 38	4 33	12 4	1 10	16 2	5 9	19 20	0 55	4 48	0 56	17 19	0 22	21 20	0 6	T 10
F 11	3 45	26 17	3 49	12 8	0 57	16 21	5 18	19 30	0 56	4 42	0 56	17 17	0 22	21 20	0 6	F 11
S 12	3 22	26 13	2 53	12 10	0 44	16 39	5 27	19 40	0 56	4 36	0 56	17 16	0 23	21 20	0 6	S 12
S 13	2 58	24 32	1 47	12 11	0 31	16 57	5 36	19 51	0 57	4 31	0 56	17 14	0 23	21 20	0 6	S 13
M14	2 34	21 27	0 36	12 9	0 19	17 13	5 45	20 1	0 57	4 25	0 56	17 12	0 23	21 21	0 6	M14
T 15	2 10	17 16	0s36	12 6	0 8	17 30	5 54	20 10	0 58	4 19	0 56	17 11	0 23	21 21	0 6	T 15
W16	1 47	12 19	1 44	12 0	0s 4	17 45	6 2	20 20	0 58	4 14	0 57	17 9	0 23	21 21	0 6	W16
T 17	1 23	6 54	2 46	11 53	0 15	17 59	6 11	20 30	0 58	4 8	0 57	17 8	0 23	21 21	0 6	T 17
F 18	0 59	1 18	3 38	11 45	0 25	18 13	6 20	20 39	0 59	4 2	0 57	17 6	0 23	21 22	0 6	F 18
S 19	0 35	4s16	4 19	11 34	0 35	18 26	6 28	20 48	0 59	3 57	0 57	17 4	0 23	21 22	0 6	S 19
S 20	0 12	9 36	4 47	11 22	0 45	18 38	6 36	20 57	1 0	3 51	0 57	17 3	0 23	21 22	0 6	S 20
M21	0n12	14 28	5 2	11 9	0 54	18 49	6 44	21 6	1 0	3 45	0 57	17 1	0 23	21 22	0 6	M21
T 22	0 36	18 42	5 2	10 54	1 3	18 59	6 52	21 15	1 1	3 40	0 57	17 0	0 24	21 23	0 6	T 22
W23	1 0	22 9	4 50	10 38	1 11	19 7	7 0	21 23	1 1	3 34	0 57	16 58	0 24	21 23	0 6	W23
T 24	1 23	24 39	4 24	10 20	1 19	19 15	7 7	21 31	1 1	3 29	0 57	16 57	0 24	21 23	0 6	T 24
F 25	1 47	26 3	3 48	10 0	1 26	19 22	7 14	21 40	1 2	3 23	0 57	16 56	0 24	21 24	0 6	F 25
S 26	2 11	26 17	3 1	9 40	1 33	19 27	7 21	21 48	1 2	3 17	0 57	16 54	0 24	21 24	0 6	S 26
S 27	2 34	25 16	2 6	9 18	1 40	19 32	7 27	21 55	1 3	3 12	0 57	16 53	0 24	21 24	0 6	S 27
M28	2 58	23 2	1 4	8 55	1 46	19 35	7 33	22 3	1 3	3 6	0 57	16 51	0 24	21 25	0 6	M28
T 29	3 21	19 39	0n 2	8 30	1 52	19 36	7 38	22 10	1 3	3 1	0 57	16 50	0 24	21 25	0 6	T 29
W30	3 45	15 13	1 10	8 4	1 57	19 37	7 43	22 18	1 4	2 55	0 57	16 48	0 24	21 26	0 6	W30
T 31	4n 8	9s55	2n17	7s37	2s 2	19n36	7n47	22n25	1n 4	2s49	0s58	16s47	0s24	21n26	0s 6	T 31

Julian Day Number = 2706543.5, Delta T = 27m06s

Ecliptic obliquity = 23°21'00", Nutation = 0°00'16"

Ayanamsha: Fagan/Bradley = 34°30'27", Lahiri = 33°37'27"

## ASTRODIENST EPHEMERIS for the year 2698

APRIL 2698

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 38 36	11°28'29"	12°28'21"	16°45'	2°R13	7°II27	25°42'	14°45'	7°II50	8°32'	2°R52	1°R17	0°23'	24°14'	6°23'	F 1
S 2	12 42 32	12°28'06"	26°21'	18°10'	1°54'	8° 6'	25°34'	14°45'	7°52'	8°34'	2°11'51"	1°59'	0°19'	24°14'	6°26'	S 2
S 3	12 46 29	13°27'42"	11°19' 2	19°36'	1°33'	8°45'	25°48'	14°50'	7°54'	8°36'	2°50'	0°59'	0°16'	24°21'	6°30'	S 3
M 4	12 50 25	14°27'15"	25°58'	21° 4'	1° 9'	9°25'	26° 2'	14°55'	7°57'	8°38'	2°49'	0°48'	0°13'	24°27'	6°34'	M 4
T 5	12 54 22	15°26'47"	11°18' 0	22°33'	0°43'	10° 4'	26°16'	14°59'	7°59'	8°41'	2°48'	0°37'	0°10'	24°34'	6°37'	T 5
W 6	12 58 19	16°26'16"	25°58'	24° 4'	0°15'	10°43'	26°31'	15° 4'	8° 2'	8°43'	2°47'	0°28'	0° 7'	24°41'	6°41'	W 6
T 7	13 2 15	17°25'44"	10°II43	25°36'	29°Y45	11°23'	26°45'	15° 8'	8° 4'	8°45'	2°46'	0°21'	0° 4'	24°48'	6°45'	T 7
F 8	13 6 12	18°25'09"	25°10'	27° 9'	29°14'	12° 2'	26°59'	15°13'	8° 7'	8°47'	2°45'	0°17'	0° 0'	24°54'	6°48'	F 8
S 9	13 10 8	19°24'31"	9°21'16"	28°44'	28°41'	12°41'	27°13'	15°17'	8° 9'	8°49'	2°44'	0°15'	29°57'	25° 1'	6°52'	S 9
S 10	13 14 5	20°23'52"	23° 0'	0°Y20	28° 6'	13°21'	27°27'	15°21'	8°12'	8°51'	2°43'	0°15'	29°54'	25° 8'	6°55'	S 10
M11	13 18 1	21°23'10"	6°23'	1°57'	27°31'	14° 0'	27°41'	15°26'	8°14'	8°53'	2°42'	0°15'	29°51'	25°14'	6°59'	M11
T 12	13 21 58	22°22'26"	19°29'	3°36'	26°54'	14°39'	27°54'	15°30'	8°17'	8°56'	2°41'	0°14'	29°48'	25°21'	7° 2'	T 12
W13	13 25 54	23°21'39"	2°11'20"	5°17'	26°17'	15°18'	28° 8'	15°34'	8°20'	8°58'	2°41'	0°11'	29°44'	25°28'	7° 5'	W13
T 14	13 29 51	24°20'50"	14°59'	6°59'	25°39'	15°57'	28°22'	15°38'	8°22'	9° 0'	2°40'	0° 5'	29°41'	25°35'	7° 9'	T 14
F 15	13 33 48	25°19'59"	27°27'	8°42'	25° 1'	16°37'	28°36'	15°42'	8°25'	9° 2'	2°39'	29°56'	29°38'	25°41'	7°12'	F 15
S 16	13 37 44	26°19'06"	9°24'45"	10°26'	24°24'	17°16'	28°49'	15°46'	8°28'	9° 5'	2°38'	29°44'	29°35'	25°48'	7°15'	S 16
S 17	13 41 41	27°18'11"	21°56'	12°13'	23°46'	17°55'	29° 3'	15°49'	8°31'	9° 7'	2°37'	29°31'	29°32'	25°55'	7°18'	S 17
M18	13 45 37	28°17'13"	4°11' 0	14° 0'	23° 9'	18°34'	29°17'	15°53'	8°33'	9° 9'	2°37'	29°16'	29°29'	26° 1'	7°21'	M18
T 19	13 49 34	29°16'14"	15°58'	15°49'	22°33'	19°13'	29°30'	15°56'	8°36'	9°11'	2°36'	29° 2'	29°25'	26° 8'	7°24'	T 19
W20	13 53 30	0°15'13"	27°52'	17°40'	21°58'	19°52'	29°44'	16° 0'	8°39'	9°13'	2°35'	28°50'	29°22'	26°15'	7°28'	W20
T 21	13 57 27	1°14'10"	9°24'42"	19°31'	21°25'	20°31'	29°57'	16° 3'	8°42'	9°16'	2°35'	28°40'	29°19'	26°21'	7°31'	T 21
F 22	14 1 23	2°13'06"	21°32'	21°25'	20°53'	21°10'	0°Y11	16° 7'	8°45'	9°18'	2°34'	28°33'	29°16'	26°28'	7°33'	F 22
S 23	14 5 20	3°11'59"	3°26'	23°20'	20°22'	21°49'	0°24'	16°10'	8°48'	9°20'	2°33'	28°28'	29°13'	26°35'	7°36'	S 23
S 24	14 9 17	4°10'51"	15°27'	25°16'	19°53'	22°28'	0°37'	16°13'	8°51'	9°22'	2°33'	28°26'	29°10'	26°42'	7°39'	S 24
M25	14 13 13	5° 9'41"	27°40'	27°14'	19°27'	23° 7'	0°50'	16°16'	8°54'	9°25'	2°32'	28°26'	29° 6'	26°48'	7°42'	M25
T 26	14 17 10	6° 8'29"	10°28'10"	29°13'	19° 2'	23°46'	1° 4'	16°19'	8°57'	9°27'	2°32'	28°26'	29° 3'	26°55'	7°45'	T 26
W27	14 21 6	7° 7'16"	23° 2'	1°18'14"	18°40'	24°25'	1°17'	16°22'	9° 0'	9°29'	2°31'	28°25'	29° 0'	27° 2'	7°48'	W27
T 28	14 25 3	8° 6'01"	6°21'11"	3°16'	18°19'	25° 4'	1°30'	16°25'	9° 3'	9°32'	2°31'	28°23'	28°57'	27° 8'	7°50'	T 28
F 29	14 28 59	9° 4'44"	20°10'	5°19'	18° 2'	25°43'	1°43'	16°27'	9° 6'	9°34'	2°30'	28°18'	28°54'	27°15'	7°53'	F 29
S 30	14 32 56	10°3'26"	4°Y28	7°24'	17°Y46	26°II22	1°Y56	16°30'	9°II10	9°36'	2°11'30"	28°31'	28°50'	27°11'22"	7°55'	S 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	4n31	3s58	3n18	7s 9	2s 6	19n33	7n51	22n32	1n 4	2s44	0s58	16s46	0s25	21n26	0s 6	12n45
S 2	4 55	2n21	4 8	6 40	2 10	19 29	7 54	22 38	1 5	2 38	0 58	16 44	0 25	21 27	0 6	12 46
S 3	5 18	8 42	4 43	6 9	2 14	19 24	7 56	22 45	1 5	2 33	0 58	16 43	0 25	21 27	0 6	12 46
M 4	5 41	14 39	5 0	5 38	2 17	19 17	7 58	22 51	1 5	2 27	0 58	16 42	0 25	21 27	0 6	12 47
T 5	6 4	19 46	4 56	5 5	2 19	19 9	7 59	22 57	1 6	2 22	0 58	16 41	0 25	21 28	0 6	12 48
W 6	6 26	23 35	4 32	4 31	2 22	18 59	7 59	23 3	1 6	2 16	0 58	16 39	0 25	21 28	0 6	12 48
T 7	6 49	25 46	3 50	3 56	2 23	18 48	7 59	23 9	1 6	2 11	0 58	16 38	0 25	21 29	0 6	12 49
F 8	7 12	26 10	2 54	3 20	2 24	18 35	7 57	23 15	1 6	2 5	0 58	16 37	0 25	21 29	0 6	12 50
S 9	7 34	24 50	1 49	2 43	2 25	18 21	7 55	23 20	1 7	2 0	0 58	16 36	0 25	21 29	0 6	12 51
S 10	7 56	22 2	0 38	2 6	2 25	18 5	7 51	23 25	1 7	1 54	0 58	16 35	0 26	21 30	0 6	12 51
M11	8 19	18 5	0s32	1 27	2 25	17 48	7 47	23 31	1 7	1 49	0 59	16 34	0 26	21 30	0 6	12 52
T 12	8 41	13 20	1 40	0 47	2 24	17 30	7 42	23 35	1 8	1 44	0 59	16 32	0 26	21 31	0 6	12 53
W13	9 3	8 6	2 41	0 6	2 23	17 11	7 36	23 40	1 8	1 38	0 59	16 31	0 26	21 31	0 6	12 53
T 14	9 24	2 38	3 33	0n35	2 22	16 51	7 30	23 44	1 8	1 33	0 59	16 30	0 26	21 32	0 6	12 54
F 15	9 46	2s52	4 13	1 18	2 19	16 30	7 22	23 49	1 8	1 28	0 59	16 29	0 26	21 32	0 6	12 55
S 16	10 7	8 10	4 42	2 1	2 17	16 8	7 13	23 53	1 9	1 22	0 59	16 28	0 26	21 32	0 6	12 56
S 17	10 28	13 6	4 57	2 45	2 14	15 45	7 4	23 57	1 9	1 17	0 59	16 27	0 26	21 33	0 6	12 56
M18	10 50	17 29	4 58	3 30	2 10	15 22	6 54	24 0	1 9	1 12	0 59	16 26	0 26	21 33	0 6	12 57
T 19	11 10	21 8	4 47	4 16	2 6	14 59	6 44	24 4	1 9	1 6	0 59	16 25	0 27	21 34	0 6	12 58
W20	11 31	23 52	4 22	5 2	2 1	14 35	6 32	24 7	1 9	1 1	1 0	16 24	0 27	21 34	0 6	12 58
T 21	11 52	25 34	3 47	5 49	1 56	14 12	6 21	24 10	1 10	0 56	1 0	16 23	0 27	21 35	0 6	12 59
F 22	12 12	26 6	3 2	6 37	1 50	13 48	6 8	24 13	1 10	0 51	1 0	16 23	0 27	21 35	0 6	13 0
S 23	12 32	25 26	2 8	7 25	1 44	13 25	5 55	24 16	1 10	0 45	1 0	16 22	0 27	21 36	0 6	13 1
S 24	12 52	23 35	1 8	8 13	1 38	13 2	5 42	24 18	1 10	0 40	1 0	16 21	0 27	21 36	0 6	13 1
M25	13 12	20 37	0 4	9 2	1 31	12 39	5 29	24 21	1 10	0 35	1 0	16 20	0 27	21 37	0 6	13 2
T 26	13 31	16 38	1n 2	9 52	1 23	12 17	5 15	24 23	1 11	0 30	1 0	16 19	0 27	21 37	0 6	13 3
W27	13 50	11 48	2 6	10 41	1 15	11 55	5 1	24 25	1 11	0 25	1 0	16 19	0 27	21 38	0 6	13 3
T 28	14 9	6 15	3 6	11 31	1 7	11 34	4 47	24 26	1 11	0 20	1 1	16 18	0 28	21 38	0 6	13 4
F 29	14 28	0 14	3 58	12 20	0 58	11 14	4 32	24 28	1 11	0 15	1 1	16 17	0 28	21 39	0 5	13 5
S 30	14n47	6n 0	4n36	13n10	0s49	10n55	4n18	24n29	1n11	0s10	1s 1	16s17	0s28	21n39	0s 5	13n 6

Julian Day Number = 2706574.5, Delta T = 27m06s

Ecliptic obliquity = 23°21'00", Nutation = 0°00'14"

Ayanamsha: Fagan/Bradley = 34°30'31", Lahiri = 33°37'31"

## ASTRODIENST EPHEMERIS for the year 2698

MAY 2698

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 36 52	11♌ 2°05	19♏14	9♌29	17°R33	27♏1	2♏9	16♌33	9♏13	9♌38	2°R30	28°R 1	28♌47	27♏29	7♌58	S 1
M 2	14 40 49	12° 0'44	4♏19	11°36	17°Y23	27°40	2°21	16°35	9°16	9°41	2°M29	27°S50	28°44	27°35	8° 0	M 2
T 3	14 44 46	12°59'20	19°34	13°43	17°15	28°19	2°34	16°37	9°19	9°43	2°29	27°39	28°41	27°42	8° 3	T 3
W 4	14 48 42	13°57'54	4♏49	15°51	17° 9	28°58	2°47	16°40	9°22	9°45	2°29	27°30	28°38	27°49	8° 5	W 4
T 5	14 52 39	14°56'27	19°52	18° 0	17° 6	29°37	2°59	16°42	9°26	9°47	2°28	27°23	28°35	27°55	8° 7	T 5
F 6	14 56 35	15°54'57	4♏36	20° 8	17°D 5	0♏15	3°12	16°44	9°29	9°50	2°28	27°19	28°31	28° 2	8°10	F 6
S 7	15 0 32	16°53'26	18°55	22°16	17° 6	0°54	3°24	16°46	9°32	9°52	2°28	27°17	28°28	28° 9	8°12	S 7
S 8	15 4 28	17°51'52	2♏47	24°24	17°10	1°33	3°37	16°48	9°35	9°54	2°28	27°D17	28°25	28°15	8°14	S 8
M 9	15 8 25	18°50'16	16°14	26°32	17°16	2°12	3°49	16°49	9°39	9°56	2°28	27°R18	28°22	28°22	8°16	M 9
T 10	15 12 21	19°48'38	29°18	28°38	17°25	2°51	4° 1	16°51	9°42	9°59	2°27	27°17	28°19	28°29	8°18	T 10
W11	15 16 18	20°46'58	12♏ 3	0♏43	17°35	3°29	4°13	16°53	9°45	10° 1	2°27	27°15	28°16	28°36	8°20	W11
T 12	15 20 15	21°45'16	24°33	2°46	17°47	4° 8	4°26	16°54	9°49	10° 3	2°27	27°11	28°12	28°42	8°22	T 12
F 13	15 24 11	22°43'31	6♌50	4°48	18° 2	4°47	4°38	16°56	9°52	10° 5	2°27	27° 4	28° 9	28°49	8°24	F 13
S 14	15 28 8	23°41'45	18°58	6°47	18°18	5°25	4°49	16°57	9°55	10° 8	2°D27	26°54	28° 6	28°56	8°26	S 14
S 15	15 32 4	24°39'57	0♏59	8°44	18°37	6° 4	5° 1	16°58	9°59	10°10	2°27	26°43	28° 3	29° 2	8°28	S 15
M16	15 36 1	25°38'08	12°56	10°38	18°57	6°43	5°13	16°59	10° 2	10°12	2°27	26°32	28° 0	29° 9	8°29	M16
T 17	15 39 57	26°36'16	24°49	12°29	19°19	7°21	5°25	17° 0	10° 6	10°14	2°27	26°20	27°56	29°16	8°31	T 17
W18	15 43 54	27°34'23	6♌40	14°17	19°43	8° 0	5°36	17° 1	10° 9	10°16	2°27	26°10	27°53	29°23	8°32	W18
T 19	15 47 50	28°32'28	18°31	16° 2	20° 9	8°39	5°48	17° 2	10°13	10°19	2°28	26° 2	27°50	29°29	8°34	T 19
F 20	15 51 47	29°30'32	0♏24	17°44	20°36	9°17	5°59	17° 3	10°16	10°21	2°28	25°57	27°47	29°36	8°35	F 20
S 21	15 55 44	0♏28'35	12°21	19°22	21° 4	9°56	6°10	17° 3	10°19	10°23	2°28	25°54	27°44	29°43	8°37	S 21
S 22	15 59 40	1°26'35	24°25	20°57	21°35	10°34	6°21	17° 4	10°23	10°25	2°28	25°D52	27°41	29°49	8°38	S 22
M23	16 3 37	2°24'35	6♌41	22°28	22° 6	11°13	6°33	17° 4	10°26	10°27	2°28	25°53	27°37	29°56	8°39	M23
T 24	16 7 33	3°22'33	19°12	23°55	22°39	11°51	6°44	17° 4	10°30	10°29	2°29	25°54	27°34	0♌ 3	8°41	T 24
W25	16 11 30	4°20'30	2♌ 3	25°19	23°14	12°30	6°54	17° 5	10°33	10°31	2°29	25°R55	27°31	0° 9	8°42	W25
T 26	16 15 26	5°18'26	15°18	26°39	23°49	13° 8	7° 5	17° 5	10°37	10°34	2°29	25°54	27°28	0°16	8°43	T 26
F 27	16 19 23	6°16'20	28°59	27°55	24°26	13°47	7°16	17°R 5	10°40	10°36	2°30	25°52	27°25	0°23	8°44	F 27
S 28	16 23 19	7°14'14	13°Y 8	29° 7	25° 4	14°25	7°26	17° 5	10°44	10°38	2°30	25°48	27°21	0°30	8°45	S 28
S 29	16 27 16	8°12'06	27°44	0♏15	25°44	15° 4	7°37	17° 5	10°47	10°40	2°30	25°42	27°18	0°36	8°46	S 29
M30	16 31 13	9° 9'57	12♌42	1°19	26°24	15°42	7°47	17° 4	10°51	10°42	2°31	25°35	27°15	0°43	8°47	M30
T 31	16 35 9	10♏ 7'47	27♌54	2♏19	27°Y 5	16♏21	7°Y58	17° 4	10♏54	10♌44	2°M31	25°S28	27♌12	0♌50	8♌48	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	15n 5	12n 5	4n58	13n59	0s39	10n37	4n 4	24n30	1n11	0s 5	1s 1	16s16	0s28	21n40	0s 5	13n 6
M 2	15 23	17 36	4 59	14 48	0 29	10 20	3 49	24 31	1 12	0 0	1 1	16 15	0 28	21 40	0 5	13 7
T 3	15 41	22 3	4 40	15 36	0 19	10 4	3 35	24 32	1 12	0n 5	1 1	16 15	0 28	21 41	0 5	13 8
W 4	15 58	24 57	4 0	16 23	0 9	9 49	3 21	24 33	1 12	0 10	1 1	16 14	0 28	21 41	0 5	13 8
T 5	16 15	26 2	3 4	17 10	0n 2	9 35	3 7	24 33	1 12	0 15	1 2	16 14	0 28	21 42	0 5	13 9
F 6	16 32	25 13	1 57	17 55	0 13	9 22	2 54	24 33	1 12	0 19	1 2	16 13	0 29	21 42	0 5	13 10
S 7	16 49	22 45	0 44	18 39	0 23	9 10	2 40	24 33	1 12	0 24	1 2	16 13	0 29	21 43	0 5	13 10
S 8	17 6	18 59	0s29	19 21	0 34	8 59	2 27	24 33	1 12	0 29	1 2	16 12	0 29	21 43	0 5	13 11
M 9	17 22	14 20	1 39	20 2	0 45	8 49	2 14	24 32	1 13	0 34	1 2	16 12	0 29	21 44	0 5	13 12
T 10	17 37	9 9	2 42	20 40	0 55	8 40	2 1	24 32	1 13	0 38	1 2	16 11	0 29	21 44	0 5	13 13
W11	17 53	3 42	3 34	21 17	1 5	8 33	1 48	24 31	1 13	0 43	1 2	16 11	0 29	21 45	0 5	13 13
T 12	18 8	1s46	4 16	21 51	1 15	8 26	1 36	24 30	1 13	0 48	1 3	16 11	0 29	21 45	0 5	13 14
F 13	18 23	7 4	4 45	22 23	1 24	8 21	1 24	24 29	1 13	0 52	1 3	16 10	0 29	21 46	0 5	13 15
S 14	18 38	12 2	5 0	22 53	1 33	8 16	1 13	24 27	1 13	0 57	1 3	16 10	0 30	21 46	0 5	13 15
S 15	18 52	16 29	5 2	23 20	1 41	8 13	1 1	24 26	1 13	1 1	1 3	16 10	0 30	21 47	0 5	13 16
M16	19 6	20 17	4 51	23 45	1 49	8 10	0 50	24 24	1 13	1 6	1 3	16 10	0 30	21 47	0 5	13 17
T 17	19 19	23 13	4 27	24 7	1 56	8 9	0 39	24 22	1 13	1 10	1 3	16 10	0 30	21 48	0 5	13 17
W18	19 33	25 9	3 52	24 27	2 2	8 8	0 29	24 20	1 13	1 15	1 4	16 9	0 30	21 48	0 5	13 18
T 19	19 46	25 57	3 6	24 44	2 7	8 8	0 19	24 17	1 13	1 19	1 4	16 9	0 30	21 49	0 5	13 19
F 20	19 58	25 33	2 12	24 59	2 12	8 9	0 9	24 15	1 13	1 23	1 4	16 9	0 30	21 49	0 5	13 19
S 21	20 10	23 58	1 12	25 11	2 16	8 11	0s 0	24 12	1 14	1 28	1 4	16 9	0 31	21 50	0 5	13 20
S 22	20 22	21 17	0 8	25 21	2 19	8 14	0 10	24 9	1 14	1 32	1 4	16 9	0 31	21 50	0 5	13 21
M23	20 34	17 36	0n58	25 29	2 21	8 17	0 18	24 6	1 14	1 36	1 5	16 9	0 31	21 51	0 5	13 21
T 24	20 45	13 4	2 2	25 35	2 23	8 22	0 27	24 3	1 14	1 40	1 5	16 9	0 31	21 51	0 5	13 22
W25	20 56	7 52	3 2	25 39	2 23	8 27	0 35	23 59	1 14	1 44	1 5	16 9	0 31	21 52	0 5	13 22
T 26	21 6	2 10	3 54	25 41	2 22	8 32	0 43	23 56	1 14	1 48	1 5	16 9	0 31	21 52	0 5	13 23
F 27	21 16	3n48	4 35	25 41	2 21	8 39	0 51	23 52	1 14	1 52	1 5	16 9	0 31	21 53	0 5	13 24
S 28	21 26	9 47	5 0	25 40	2 19	8 45	0 59	23 48	1 14	1 56	1 6	16 9	0 31	21 53	0 5	13 24
S 29	21 36	15 25	5 8	25 36	2 15	8 53	1 6	23 44	1 14	2 0	1 6	16 10	0 32	21 54	0 5	13 25
M30	21 45	20 16	4 54	25 32	2 11	9 1	1 13	23 39	1 14	2 4	1 6	16 10	0 32	21 54	0 5	13 26
T 31	21n53	23n51	4n20	25n26	2n 6	9n10	1s19	23n35	1n14	2n 8	1s 6	16s10	0s32	21n55	0s 5	13n26

Julian Day Number = 2706604.5, Delta T = 27m07s

Ecliptic obliquity = 23°21'00, Nutation = 0°00'14

Ayanamsha: Fagan/Bradley = 34°30'35, Lahiri = 33°37'35

## ASTRODIENST EPHEMERIS for the year 2698

JUNE 2698

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	16 39 6	11 <sup>II</sup> 5'35	13 <sup>II</sup> 10	3 <sup>☾</sup> 15	27 <sup>Y</sup> 47	16 <sup>☾</sup> 59	8 <sup>Y</sup> 8	17°R 3	10 <sup>II</sup> 58	10 <sup>☾</sup> 46	2 <sup>☾</sup> 32	25°R 23	27 <sup>☾</sup> 9	0 <sup>☾</sup> 56	8 <sup>☾</sup> 48	W 1
T 2	16 43 2	12° 3'22	28° 18	4° 6	28° 31	17° 37	8° 18	17° 3	11° 1	10° 48	2° 32	25° 18	27° 6	1° 3	8° 49	T 2
F 3	16 46 59	13° 1'08	13 <sup>☾</sup> 11	4° 54	29° 15	18° 16	8° 28	17° 2	11° 5	10° 50	2° 33	25° 16	27° 2	1° 10	8° 50	F 3
S 4	16 50 55	13° 58'53	27° 40	5° 36	0 <sup>☾</sup> 0	18° 54	8° 38	17° 1	11° 8	10° 52	2° 33	25° D15	26° 59	1° 16	8° 50	S 4
S 5	16 54 52	14° 56'35	11 <sup>☾</sup> 43	6° 15	0° 46	19° 33	8° 47	17° 1	11° 12	10° 54	2° 34	25° 16	26° 56	1° 23	8° 51	S 5
M 6	16 58 48	15° 54'17	25° 18	6° 49	1° 33	20° 11	8° 57	17° 0	11° 15	10° 56	2° 35	25° 18	26° 53	1° 30	8° 51	M 6
T 7	17 2 45	16° 51'56	8 <sup>☾</sup> 28	7° 18	2° 20	20° 49	9° 6	16° 59	11° 19	10° 58	2° 35	25° 19	26° 50	1° 37	8° 51	T 7
W 8	17 6 42	17° 49'35	21° 15	7° 43	3° 8	21° 28	9° 16	16° 57	11° 22	11° 0	2° 36	25° R19	26° 47	1° 43	8° 52	W 8
T 9	17 10 38	18° 47'11	3 <sup>☾</sup> 44	8° 3	3° 57	22° 6	9° 25	16° 56	11° 26	11° 2	2° 37	25° 18	26° 43	1° 50	8° 52	T 9
F 10	17 14 35	19° 44'47	15° 57	8° 19	4° 47	22° 44	9° 34	16° 55	11° 29	11° 3	2° 37	25° 15	26° 40	1° 57	8° 52	F 10
S 11	17 18 31	20° 42'21	28° 1	8° 29	5° 38	23° 23	9° 43	16° 53	11° 33	11° 5	2° 38	25° 11	26° 37	2° 3	8° 52	S 11
S 12	17 22 28	21° 39'53	9 <sup>☾</sup> 57	8° 35	6° 29	24° 1	9° 52	16° 52	11° 36	11° 7	2° 39	25° 6	26° 34	2° 10	8° R52	S 12
M13	17 26 24	22° 37'25	21° 49	8° R37	7° 20	24° 39	10° 0	16° 50	11° 40	11° 9	2° 40	25° 0	26° 31	2° 17	8° 52	M13
T 14	17 30 21	23° 34'56	3 <sup>☾</sup> 47	8° 34	8° 13	25° 17	10° 9	16° 49	11° 43	11° 11	2° 41	24° 54	26° 27	2° 23	8° 52	T 14
W15	17 34 17	24° 32'25	15° 31	8° 26	9° 5	25° 56	10° 17	16° 47	11° 46	11° 12	2° 42	24° 49	26° 24	2° 30	8° 52	W15
T 16	17 38 14	25° 29'53	27° 26	8° 14	9° 59	26° 34	10° 26	16° 45	11° 50	11° 14	2° 42	24° 45	26° 21	2° 37	8° 52	T 16
F 17	17 42 11	26° 27'21	9 <sup>☾</sup> 25	7° 59	10° 53	27° 12	10° 34	16° 43	11° 53	11° 16	2° 43	24° 43	26° 18	2° 44	8° 51	F 17
S 18	17 46 7	27° 24'47	21° 31	7° 39	11° 47	27° 50	10° 42	16° 41	11° 57	11° 18	2° 44	24° D42	26° 15	2° 50	8° 51	S 18
S 19	17 50 4	28° 22'13	3 <sup>☾</sup> 46	7° 16	12° 42	28° 28	10° 50	16° 39	12° 0	11° 19	2° 45	24° 42	26° 12	2° 57	8° 51	S 19
M20	17 54 0	29° 19'38	16° 12	6° 50	13° 38	29° 7	10° 57	16° 37	12° 4	11° 21	2° 46	24° 43	26° 8	3° 4	8° 50	M20
T 21	17 57 57	0 <sup>☾</sup> 17'03	28° 52	6° 22	14° 34	29° 45	11° 5	16° 34	12° 7	11° 23	2° 47	24° 45	26° 5	3° 10	8° 50	T 21
W22	18 1 53	1° 14'26	11 <sup>☾</sup> 48	5° 51	15° 30	0 <sup>☾</sup> 23	11° 12	16° 32	12° 10	11° 24	2° 48	24° 47	26° 2	3° 17	8° 49	W22
T 23	18 5 50	2° 11'50	25° 4	5° 19	16° 27	1° 1	11° 20	16° 30	12° 14	11° 26	2° 49	24° 47	25° 59	3° 24	8° 49	T 23
F 24	18 9 47	3° 9'12	8 <sup>Y</sup> 41	4° 46	17° 25	1° 39	11° 27	16° 27	12° 17	11° 27	2° 50	24° R47	25° 56	3° 30	8° 48	F 24
S 25	18 13 43	4° 6'35	22° 41	4° 12	18° 22	2° 17	11° 34	16° 24	12° 20	11° 29	2° 52	24° 47	25° 53	3° 37	8° 47	S 25
S 26	18 17 40	5° 3'57	7 <sup>☾</sup> 3	3° 38	19° 20	2° 56	11° 41	16° 22	12° 24	11° 31	2° 53	24° 45	25° 49	3° 44	8° 46	S 26
M27	18 21 36	6° 1'19	21° 44	3° 5	20° 19	3° 34	11° 47	16° 19	12° 27	11° 32	2° 54	24° 43	25° 46	3° 50	8° 45	M27
T 28	18 25 33	6° 58'40	6 <sup>II</sup> 38	2° 33	21° 18	4° 12	11° 54	16° 16	12° 30	11° 34	2° 55	24° 40	25° 43	3° 57	8° 45	T 28
W29	18 29 29	7° 56'01	21° 39	2° 3	22° 17	4° 50	12° 0	16° 13	12° 33	11° 35	2° 56	24° 38	25° 40	4° 4	8° 44	W29
T 30	18 33 26	8° 53'22	6 <sup>☾</sup> 37	1° 35	23° 17	5° 02	12° 7	16° 10	12° 37	11° 36	2° 57	24° 37	25° 37	4° 11	8° 42	T 30

Day	☉	☾		♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl
W 1	22n 1	25n44	3n28	25n19	2n 0	9n19	1s26	23n30	1n14	2n12	1s 6	16s10	0s32	21n55	0s 5	13n27	1s38	19n41	9n50	20s59	20s39	24s27	2s56	5n43
T 2	22 9	25 41	2 21	25 10	1 53	9 28	1 32	23 25	1 14	2 16	1 7	16 11	0 32	21 56	0 5	13 27	1 38	19 41	9 50	21 0	20 40	24 28	2 56	5 43
F 3	22 17	23 47	1 5	25 0	1 45	9 38	1 38	23 20	1 14	2 19	1 7	16 11	0 32	21 56	0 5	13 28	1 38	19 41	9 49	21 0	20 40	24 29	2 55	5 43
S 4	22 24	20 20	0s13	24 50	1 36	9 49	1 44	23 15	1 14	2 23	1 7	16 11	0 32	21 57	0 5	13 29	1 38	19 40	9 49	21 0	20 41	24 30	2 55	5 44
S 5	22 30	15 48	1 28	24 38	1 26	10 0	1 49	23 9	1 14	2 26	1 7	16 12	0 32	21 57	0 5	13 29	1 38	19 40	9 49	21 0	20 42	24 31	2 54	5 44
M 6	22 36	10 35	2 36	24 26	1 16	10 11	1 54	23 4	1 14	2 30	1 7	16 12	0 33	21 58	0 5	13 30	1 38	19 39	9 49	21 0	20 42	24 32	2 54	5 44
T 7	22 42	5 4	3 33	24 13	1 4	10 22	1 59	22 58	1 14	2 34	1 8	16 13	0 33	21 58	0 5	13 30	1 38	19 39	9 49	21 0	20 43	24 33	2 53	5 44
W 8	22 48	0s30	4 18	23 59	0 52	10 34	2 4	22 52	1 14	2 37	1 8	16 13	0 33	21 59	0 5	13 31	1 38	19 38	9 48	21 0	20 43	24 34	2 53	5 45
T 9	22 53	5 54	4 50	23 45	0 38	10 47	2 8	22 46	1 14	2 40	1 8	16 14	0 33	21 59	0 5	13 31	1 38	19 38	9 48	21 0	20 44	24 35	2 53	5 45
F 10	22 57	10 59	5 7	23 30	0 25	10 59	2 12	22 39	1 14	2 44	1 8	16 14	0 33	21 59	0 5	13 32	1 38	19 38	9 48	21 0	20 45	24 35	2 52	5 45
S 11	23 2	15 34	5 11	23 15	0 10	11 12	2 16	22 33	1 14	2 47	1 9	16 15	0 33	22 0	0 5	13 32	1 38	19 37	9 48	21 1	20 45	24 36	2 52	5 46
S 12	23 5	19 30	5 1	22 59	0s 6	11 25	2 20	22 26	1 14	2 50	1 9	16 15	0 33	22 0	0 5	13 33	1 38	19 37	9 48	21 2	20 46	24 37	2 52	5 46
M13	23 9	22 37	4 38	22 43	0 21	11 38	2 24	22 20	1 14	2 53	1 9	16 16	0 34	22 1	0 5	13 33	1 38	19 36	9 47	21 3	20 46	24 38	2 51	5 46
T 14	23 12	24 47	4 3	22 27	0 38	11 52	2 27	22 13	1 14	2 57	1 9	16 16	0 34	22 1	0 5	13 34	1 38	19 36	9 47	21 4	20 47	24 39	2 51	5 47
W15	23 14	25 51	3 18	22 10	0 55	12 6	2 31	22 6	1 14	3 0	1 9	16 17	0 34	22 2	0 5	13 34	1 38	19 35	9 47	21 5	20 48	24 40	2 51	5 47
T 16	23 16	25 43	2 24	21 54	1 12	12 19	2 34	21 58	1 14	3 3	1 10	16 18	0 34	22 2	0 5	13 35	1 38	19 35	9 47	21 6	20 48	24 41	2 51	5 47
F 17	23 18	24 24	1 23	21 38	1 29	12 33	2 36	21 51	1 14	3 6	1 10	16 18	0 34	22 3	0 5	13 35	1 39	19 34	9 47	21 6	20 49	24 41	2 50	5 48
S 18	23 19	21 55	0 17	21 21	1 47	12 47	2 39	21 43	1 14	3 9	1 10	16 19	0 34	22 3	0 5	13 36	1 39	19 34	9 47	21 6	20 49	24 42	2 50	5 48
S 19	23 20	18 26	0n50	21 5	2 4	13 2	2 41	21 36	1 14	3 11	1 10	16 20	0 34	22 4	0 5	13 36	1 39	19 33	9 46	21 6	20 50	24 43	2 50	5 48
M20	23 21	14 5	1 55	20 50	2 21	13 16	2 44	21 28	1 14	3 14	1 11	16 21	0 34	22 4	0 5	13 37	1 39	19 33	9 46	21 6	20 51	24 44	2 50	5 48
T 21	23 21	9 4	2 57	20 35	2 37	13 30	2 46	21 20	1 14	3 17	1 11	16 22	0 35	22 5	0 5	13 37	1 39	19 32	9 46	21 6	20 51	24 45	2 50	5 49
W22	23 21	3 33	3 51	20 20	2 53	13 45	2 48	21 12	1 14	3 20	1 11	16 22	0 35	22 5	0 5	13 38	1 39	19 31	9 46	21 6	20 52	24 45	2 50	5 49
T 23	23 20	2n14	4 34	20 6	3 9	13 59	2 49	21 3	1 14	3 22	1 11	16 23	0 35	22 6	0 5	13 38	1 39	19 31	9 46	21 5	20 52	24 46	2 50	5 49
F 24	23 19	8 4	5 3	19 53	3 23	14 14	2 51	20 55	1 14	3 25	1 12	16 24	0 35	22 6	0 5	13 39	1 39	19 30	9 45	21 5	20 53	24 47	2 50	5 50
S 25	23 17	13 40	5 15	19 40	3 37	14 28	2 52	20 46	1 13	3 27	1 12	16 25	0 35	22 6	0 5	13 39	1 39	19 30	9 45	21 5	20 54	24 48	2 50	5 50
S 26	23 15	18 40	5 8	19 29	3 49	14 43	2 54	20 37	1 13	3 30	1 12	16 26	0 35	22 7	0 5	13 40	1 39	19 29	9 45	21 6	20 54	24 48	2 50	5 50
M27	23 13	22 39	4 41	19 19	4 0	14 57	2 55	20 28	1 13	3 32	1 12	16 27	0 35	22 7	0 5	13 40	1 39	19 29	9 45	21 6	20 55	24 49	2 50	5 50
T 28	23 10	25 12	3 55	19 10	4 10	15 12	2 56	20 19	1 13	3 34	1 13	16 28	0 35	22 8	0 5	13 40	1 39	19 28	9 45	21 7	20 55	24 50	2 50	5 51
W29	23 7	25 57	2 52	19 2	4 18	15 26	2 56	20 10	1 13	3 37	1 13	16 29	0 36	22 8	0 5	13 41	1 39	19 27	9 45	21 7	20 56	24 51	2 50	5 51
T 30	23n 3	24n49	1n38	18n55	4s25	15n40	2s57	20n 1	1n13	3n39	1s13	16s30	0s36	22n 9	0s 5	13n41	1s39	19n27	9n44	21s 7	20s56	24s51	2s50	5n51

## ASTRODIENST EPHEMERIS for the year 2698

JULY 2698

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18 37 22	9 <sup>55</sup> 50'42	21 <sup>52</sup> 24	1°R10	24 <sup>18</sup> 17	6 <sup>02</sup> 6	12 <sup>17</sup> 13	16°R 7	12 <sup>11</sup> 40	11 <sup>18</sup> 38	2 <sup>17</sup> 59	24°D37	25 <sup>33</sup> 34	4 <sup>17</sup> 17	8°R41	F 1
S 2	18 41 19	10°48'01	5 <sup>02</sup> 54	0 <sup>55</sup> 49	25°17	6°44	12°19	16 <sup>58</sup> 4	12°43	11°39	3° 0	24 <sup>33</sup> 37	25°30	4°24	8 <sup>18</sup> 40	S 2
S 3	18 45 16	11°45'20	20° 0	0°30	26°17	7°22	12°24	16° 1	12°46	11°41	3° 1	24°38	25°27	4°31	8°39	S 3
M 4	18 49 12	12°42'38	3 <sup>17</sup> 41	0°16	27°18	8° 0	12°30	15°58	12°49	11°42	3° 3	24°39	25°24	4°37	8°38	M 4
T 5	18 53 9	13°39'56	16°57	0° 5	28°19	8°38	12°35	15°54	12°52	11°43	3° 4	24°39	25°21	4°44	8°36	T 5
W 6	18 57 5	14°37'12	29°49	29 <sup>11</sup> 59	29°21	9°16	12°41	15°51	12°56	11°44	3° 5	24°40	25°18	4°51	8°35	W 6
T 7	19 1 2	15°34'28	12 <sup>14</sup> 20	29°D58	0 <sup>11</sup> 23	9°55	12°46	15°47	12°59	11°46	3° 7	24°R41	25°14	4°57	8°34	T 7
F 8	19 4 58	16°31'44	24°35	0 <sup>55</sup> 1	1°25	10°33	12°51	15°44	13° 2	11°47	3° 8	24°40	25°11	5° 4	8°32	F 8
S 9	19 8 55	17°28'59	6 <sup>11</sup> 38	0° 9	2°27	11°11	12°55	15°40	13° 5	11°48	3° 9	24°40	25° 8	5°11	8°30	S 9
S 10	19 12 51	18°26'14	18°33	0°22	3°29	11°49	13° 0	15°37	13° 8	11°49	3°11	24°39	25° 5	5°17	8°29	S 10
M11	19 16 48	19°23'28	0 <sup>17</sup> 24	0°40	4°32	12°27	13° 4	15°33	13°11	11°50	3°12	24°39	25° 2	5°24	8°27	M11
T 12	19 20 45	20°20'42	12°15	1° 2	5°35	13° 5	13° 8	15°29	13°14	11°51	3°14	24°38	24°59	5°31	8°25	T 12
W13	19 24 41	21°17'55	24° 9	1°30	6°38	13°43	13°13	15°25	13°17	11°52	3°15	24°38	24°55	5°38	8°24	W13
T 14	19 28 38	22°15'09	6 <sup>13</sup> 10	2° 2	7°42	14°21	13°16	15°21	13°20	11°54	3°17	24°37	24°52	5°44	8°22	T 14
F 15	19 32 34	23°12'22	18°19	2°39	8°45	14°59	13°20	15°17	13°22	11°55	3°18	24°37	24°49	5°51	8°20	F 15
S 16	19 36 31	24° 9'35	0 <sup>58</sup> 38	3°21	9°49	15°37	13°24	15°14	13°25	11°55	3°20	24°37	24°46	5°58	8°18	S 16
S 17	19 40 27	25° 6'48	13° 8	4° 8	10°53	16°15	13°27	15°10	13°28	11°56	3°21	24°37	24°43	6° 4	8°16	S 17
M18	19 44 24	26° 4'01	25°52	4°59	11°58	16°53	13°30	15° 5	13°31	11°57	3°23	24°37	24°39	6°11	8°14	M18
T 19	19 48 20	27° 1'14	8 <sup>18</sup> 49	5°54	13° 2	17°31	13°33	15° 1	13°34	11°58	3°25	24°37	24°36	6°18	8°12	T 19
W20	19 52 17	27°58'27	22° 0	6°55	14° 7	18° 9	13°36	14°57	13°36	11°59	3°26	24°37	24°33	6°24	8°10	W20
T 21	19 56 14	28°55'41	5 <sup>17</sup> 27	8° 0	15°12	18°47	13°38	14°53	13°39	12° 0	3°28	24°36	24°30	6°31	8° 8	T 21
F 22	20 0 10	29°52'55	19° 9	9° 9	16°17	19°25	13°41	14°49	13°42	12° 1	3°29	24°36	24°27	6°38	8° 6	F 22
S 23	20 4 7	0 <sup>02</sup> 50'10	3 <sup>18</sup> 5	10°23	17°22	20° 3	13°43	14°45	13°44	12° 1	3°31	24°D36	24°24	6°44	8° 3	S 23
S 24	20 8 3	1°47'25	17°16	11°40	18°28	20°41	13°45	14°40	13°47	12° 2	3°33	24°36	24°20	6°51	8° 1	S 24
M25	20 12 0	2°44'41	1 <sup>11</sup> 39	13° 3	19°33	21°19	13°47	14°36	13°50	12° 3	3°34	24°37	24°17	6°58	7°59	M25
T 26	20 15 56	3°41'57	16°11	14°29	20°39	21°57	13°48	14°32	13°52	12° 4	3°36	24°37	24°14	7° 5	7°57	T 26
W27	20 19 53	4°39'14	0 <sup>58</sup> 48	15°59	21°45	22°35	13°50	14°28	13°55	12° 4	3°38	24°38	24°11	7°11	7°54	W27
T 28	20 23 50	5°36'32	15°23	17°34	22°51	23°13	13°51	14°23	13°57	12° 5	3°40	24°39	24° 8	7°18	7°52	T 28
F 29	20 27 46	6°33'50	29°52	19°12	23°58	23°51	13°52	14°19	14° 0	12° 5	3°41	24°R39	24° 5	7°25	7°49	F 29
S 30	20 31 43	7°31'08	14 <sup>02</sup> 8	20°53	25° 4	24°28	13°53	14°14	14° 2	12° 6	3°43	24°38	24° 1	7°31	7°47	S 30
S 31	20 35 39	8 <sup>02</sup> 28'27	28 <sup>02</sup> 7	22 <sup>53</sup> 39	26 <sup>11</sup> 11	25 <sup>02</sup> 6	13 <sup>17</sup> 53	14 <sup>58</sup> 10	14 <sup>11</sup> 4	12 <sup>18</sup> 6	3 <sup>17</sup> 45	24 <sup>33</sup> 37	23 <sup>33</sup> 58	7 <sup>17</sup> 38	7 <sup>18</sup> 44	S 31

Day	☉	☽		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
F 1	22n59	21n57	0n18	18n50	4s31	15n54	2s57	19n51	1n13	3n41	1s13	16s31	0s36	22n 9	0s 5	13n42	1s39	19n26	9n44	21s 7	20s57	24s52	2s50	5n52				
S 2	22 55	17 43	1s 2	18 46	4 35	16 8	2 58	19 42	1 13	3 43	1 14	16 32	0 36	22 9	0 5	13 42	1 39	19 26	9 44	21 7	20 58	24 53	2 51	5 52				
S 3	22 50	12 36	2 16	18 43	4 38	16 22	2 58	19 32	1 13	3 45	1 14	16 33	0 36	22 10	0 5	13 42	1 39	19 25	9 44	21 7	20 58	24 54	2 51	5 52				
M 4	22 45	7 1	3 20	18 42	4 39	16 36	2 58	19 22	1 13	3 47	1 14	16 34	0 36	22 10	0 5	13 43	1 39	19 24	9 44	21 7	20 59	24 54	2 51	5 52				
T 5	22 39	1 17	4 11	18 42	4 39	16 49	2 58	19 12	1 13	3 49	1 15	16 35	0 36	22 11	0 5	13 43	1 39	19 24	9 44	21 7	20 59	24 55	2 51	5 53				
W 6	22 33	4s20	4 48	18 44	4 37	17 3	2 58	19 2	1 13	3 50	1 15	16 36	0 36	22 11	0 5	13 43	1 39	19 23	9 44	21 7	21 0	24 56	2 52	5 53				
T 7	22 27	9 37	5 10	18 46	4 35	17 16	2 57	18 52	1 12	3 52	1 15	16 38	0 37	22 11	0 5	13 44	1 39	19 23	9 43	21 7	21 0	24 56	2 52	5 53				
F 8	22 20	14 24	5 17	18 50	4 31	17 29	2 57	18 41	1 12	3 54	1 15	16 39	0 37	22 12	0 5	13 44	1 39	19 22	9 43	21 7	21 1	24 57	2 52	5 53				
S 9	22 13	18 33	5 10	18 55	4 26	17 41	2 56	18 31	1 12	3 55	1 16	16 40	0 37	22 12	0 5	13 44	1 40	19 21	9 43	21 7	21 2	24 58	2 53	5 54				
S 10	22 5	21 55	4 50	19 1	4 20	17 54	2 56	18 20	1 12	3 57	1 16	16 41	0 37	22 13	0 5	13 45	1 40	19 21	9 43	21 7	21 2	24 58	2 53	5 54				
M11	21 57	24 21	4 17	19 8	4 12	18 6	2 55	18 10	1 12	3 58	1 16	16 42	0 37	22 13	0 5	13 45	1 40	19 20	9 43	21 7	21 3	24 59	2 53	5 54				
T 12	21 49	25 43	3 34	19 16	4 4	18 18	2 54	17 59	1 12	4 0	1 16	16 43	0 37	22 13	0 5	13 45	1 40	19 19	9 43	21 7	21 3	25 0	2 54	5 54				
W13	21 40	25 54	2 41	19 25	3 56	18 30	2 53	17 48	1 12	4 1	1 17	16 45	0 37	22 14	0 5	13 45	1 40	19 19	9 43	21 7	21 4	25 0	2 54	5 55				
T 14	21 31	24 53	1 41	19 34	3 46	18 41	2 52	17 37	1 12	4 2	1 17	16 46	0 37	22 14	0 5	13 46	1 40	19 18	9 43	21 7	21 4	25 1	2 55	5 55				
F 15	21 22	22 41	0 35	19 44	3 36	18 52	2 50	17 25	1 12	4 3	1 17	16 47	0 37	22 14	0 5	13 46	1 40	19 17	9 43	21 7	21 5	25 2	2 55	5 55				
S 16	21 12	19 24	0n33	19 54	3 25	19 3	2 49	17 14	1 12	4 4	1 18	16 48	0 38	22 15	0 5	13 46	1 40	19 17	9 42	21 7	21 6	25 2	2 56	5 55				
S 17	21 2	15 12	1 41	20 4	3 13	19 14	2 47	17 3	1 11	4 5	1 18	16 50	0 38	22 15	0 5	13 46	1 40	19 16	9 42	21 7	21 6	25 3	2 56	5 55				
M18	20 51	10 16	2 45	20 14	3 1	19 24	2 46	16 51	1 11	4 6	1 18	16 51	0 38	22 15	0 5	13 47	1 40	19 15	9 42	21 7	21 7	25 3	2 57	5 56				
T 19	20 41	4 49	3 41	20 24	2 49	19 34	2 44	16 39	1 11	4 7	1 18	16 52	0 38	22 16	0 5	13 47	1 40	19 15	9 42	21 7	21 7	25 4	2 57	5 56				
W20	20 29	0n56	4 27	20 34	2 36	19 43	2 42	16 28	1 11	4 8	1 19	16 54	0 38	22 16	0 5	13 47	1 40	19 14	9 42	21 7	21 8	25 5	2 58	5 56				
T 21	20 18	6 44	5 0	20 44	2 23	19 52	2 41	16 16	1 11	4 9	1 19	16 55	0 38	22 16	0 5	13 47	1 40	19 13	9 42	21 7	21 8	25 5	2 58	5 56				
F 22	20 6	12 20	5 16	20 53	2 10	20 1	2 39	16 4	1 11	4 9	1 19	16 56	0 38	22 17	0 5	13 47	1 40	19 13	9 42	21 7	21 9	25 6	2 59	5 56				
S 23	19 54	17 24	5 14	21 1	1 56	20 9	2 37	15 52	1 11	4 10	1 20	16 58	0 38	22 17	0 5	13 48	1 40	19 12	9 42	21 7	21 10	25 6	3 0	5 57				
S 24	19 41	21 36	4 53	21 8	1 43	20 17	2 35	15 40	1 10	4 11	1 20	16 59	0 38	22 17	0 5	13 48	1 40	19 11	9 42	21 7	21 10	25 7	3 0	5 57				
M25	19 28	24 33	4 13	21 14	1 29	20 25	2 32	15 27	1 10	4 11	1 20	17 0	0 38	22 18	0 5	13 48	1 40	19 11	9 42	21 7	21 11	25 7	3 1	5 57				
T 26	19 15	25 54	3 17	21 19	1 15	20 32	2 30	15 15	1 10	4 11	1 20	17 2	0 39	22 18	0 5	13 48	1 40	19 10	9 42	21 7	21 11	25 8	3 2	5 57				
W27	19 2	25 29	2 8	21 22	1 2	20 38	2 28	15 2	1 10	4 12	1 21	17 3	0 39	22 18	0 5	13 48	1 41	19 9	9 42	21 7	21 12	25 9	3 2	5 57				
T 28	18 48	23 19	0 51	21 24	0 48	20 44	2 25	14 50	1 10	4 12	1 21	17 4	0 39	22 19	0 5	13 48	1 41	19 8	9 41	21 7	21 12	25 9	3 3	5 57				
F 29	18 34	19 38	0s29	21 24	0 35	20 50	2 23	14 37	1 10	4 12	1 21	17 6	0 39	22 19	0 5	13 49	1 41	19 8	9 41	21 7	21 13	25 10	3 4	5 58				
S 30	18 19	14 50	1 46	21 22	0 22	20 55	2 20	14 25	1 10	4 12	1 22	17 7	0 39	22 19	0 5	13 49	1 41	19 7	9 41	21 7	21 13	25 10	3 5	5 58				
S 31	18n 5	9n21	2s55	21n18	0s10	21n 0	2s18	14n12	1n 9	4n12	1s22	17s 8	0s39	22n19	0s 5	13n49	1s41	19n 6	9n41	21s 7	21s14	25s11	3s 6	5n58				



## ASTRODIENST EPHEMERIS for the year 2698

SEPTEMBER 2698

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 41 49	9♍ 8'18	28♌27	25♍ 3	2♏50	15♍23	12°R32	11°R55	14♌58	12°R 5	4♍45	23°R36	22♌17	11♌12	6°R11	T 1
F 2	22 45 45	10° 6'06	10♍43	26°44	4° 0	16° 1	12°Y26	11°≈51	14°59	12°R 5	4°46	23°R30	22°13	11°18	6°R 8	F 2
S 3	22 49 42	11° 3'56	22°46	28°23	5°11	16°39	12°21	11°47	15° 0	12° 4	4°48	23°26	22°10	11°25	6° 5	S 3
S 4	22 53 39	12° 1'46	4♌40	0♌ 1	6°21	17°17	12°15	11°44	15° 1	12° 4	4°50	23°24	22° 7	11°32	6° 1	S 4
M 5	22 57 35	12°59'38	16°31	1°37	7°32	17°56	12° 9	11°40	15° 2	12° 3	4°52	23°D24	22° 4	11°38	5°58	M 5
T 6	23 1 32	13°57'31	28°23	3°12	8°43	18°34	12° 3	11°37	15° 2	12° 2	4°54	23°25	22° 1	11°45	5°55	T 6
W 7	23 5 28	14°55'25	10♌31	4°46	9°54	19°12	11°57	11°34	15° 3	12° 2	4°56	23°26	21°57	11°52	5°52	W 7
T 8	23 9 25	15°53'20	22°30	6°18	11° 5	19°50	11°50	11°30	15° 4	12° 1	4°58	23°R27	21°54	11°59	5°49	T 8
F 9	23 13 21	16°51'17	4♌55	7°49	12°16	20°28	11°44	11°27	15° 4	12° 0	5° 0	23°26	21°51	12° 5	5°46	F 9
S 10	23 17 18	17°49'14	17°39	9°19	13°27	21° 6	11°37	11°24	15° 5	11°59	5° 2	23°23	21°48	12°12	5°43	S 10
S 11	23 21 14	18°47'14	0♌45	10°47	14°39	21°45	11°31	11°21	15° 5	11°58	5° 3	23°18	21°45	12°19	5°40	S 11
M12	23 25 11	19°45'14	14°11	12°14	15°50	22°23	11°24	11°18	15° 6	11°58	5° 5	23°11	21°42	12°25	5°37	M12
T 13	23 29 8	20°43'17	27°57	13°39	17° 1	23° 1	11°17	11°15	15° 6	11°57	5° 7	23° 3	21°38	12°32	5°35	T 13
W14	23 33 4	21°41'20	11°Y59	15° 3	18°13	23°39	11°10	11°12	15° 7	11°56	5° 9	22°53	21°35	12°39	5°32	W14
T 15	23 37 1	22°39'26	26°12	16°26	19°25	24°17	11° 3	11° 9	15° 7	11°55	5°11	22°44	21°32	12°45	5°29	T 15
F 16	23 40 57	23°37'34	10♌32	17°47	20°36	24°56	10°55	11° 7	15° 7	11°54	5°13	22°36	21°29	12°52	5°26	F 16
S 17	23 44 54	24°35'43	24°52	19° 7	21°48	25°34	10°48	11° 4	15° 7	11°53	5°15	22°31	21°26	12°59	5°23	S 17
S 18	23 48 50	25°33'55	9♌10	20°25	23° 0	26°12	10°41	11° 2	15° 7	11°52	5°16	22°28	21°23	13° 5	5°20	S 18
M19	23 52 47	26°32'08	23°21	21°42	24°12	26°51	10°33	10°59	15° 7	11°51	5°18	22°D26	21°19	13°12	5°17	M19
T 20	23 56 43	27°30'24	7♌25	22°57	25°24	27°29	10°26	10°57	15°R 7	11°50	5°20	22°27	21°16	13°19	5°15	T 20
W21	0 0 40	28°28'41	21°21	24°10	26°36	28° 7	10°18	10°54	15° 7	11°49	5°22	22°R27	21°13	13°25	5°12	W21
T 22	0 4 37	29°27'01	5♌ 8	25°21	27°48	28°45	10°10	10°52	15° 7	11°47	5°24	22°26	21°10	13°32	5° 9	T 22
F 23	0 8 33	0♌25'22	18°47	26°31	29° 0	29°24	10° 2	10°50	15° 7	11°46	5°25	22°24	21° 7	13°39	5° 6	F 23
S 24	0 12 30	1°23'46	2♍16	27°39	0♍13	0♌ 2	9°55	10°48	15° 7	11°45	5°27	22°18	21° 3	13°45	5° 4	S 24
S 25	0 16 26	2°22'11	15°34	28°44	1°25	0°41	9°47	10°46	15° 7	11°44	5°29	22°10	21° 0	13°52	5° 1	S 25
M26	0 20 23	3°20'38	28°40	29°47	2°38	1°19	9°39	10°44	15° 7	11°43	5°31	22° 0	20°57	13°59	4°59	M26
T 27	0 24 19	4°19'08	11♌32	0♍48	3°50	1°57	9°31	10°43	15° 6	11°41	5°32	21°48	20°54	14° 5	4°56	T 27
W28	0 28 16	5°17'39	24°10	1°47	5° 3	2°36	9°23	10°41	15° 6	11°40	5°34	21°35	20°51	14°12	4°54	W28
T 29	0 32 12	6°16'11	6♍34	2°42	6°15	3°14	9°15	10°39	15° 5	11°39	5°36	21°23	20°48	14°19	4°51	T 29
F 30	0 36 9	7♌14'46	18♍45	3♍35	7♍28	3♌53	9°Y 7	10°≈38	15°II 5	11°R38	5°Y37	21°R13	20°R44	14°R25	4°R49	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	8n 7	15s40	5s 7	2n42	0n49	18n54	0s34	6n43	1n 3	3n33	1s30	17s49	0s41	22n26	0s 5	13n47
F 2	7 45	19 39	4 55	1 56	0 42	18 41	0 30	6 28	1 3	3 30	1 31	17 50	0 41	22 26	0 5	13 46
S 3	7 23	22 44	4 29	1 11	0 35	18 28	0 27	6 13	1 3	3 28	1 31	17 51	0 41	22 26	0 5	13 46
S 4	7 1	24 48	3 52	0 25	0 28	18 14	0 24	5 58	1 2	3 26	1 31	17 52	0 41	22 26	0 5	13 46
M 5	6 39	25 45	3 6	0s20	0 20	18 0	0 20	5 43	1 2	3 23	1 31	17 53	0 41	22 26	0 5	13 46
T 6	6 17	25 31	2 11	1 4	0 13	17 45	0 17	5 57	1 2	3 21	1 31	17 54	0 42	22 26	0 5	13 45
W 7	5 55	24 7	1 10	1 49	0 5	17 29	0 13	5 12	1 2	3 18	1 32	17 55	0 42	22 26	0 5	13 45
T 8	5 33	21 34	0 5	2 32	0s 3	17 13	0 10	4 57	1 1	3 15	1 32	17 56	0 42	22 26	0 5	13 45
F 9	5 10	17 58	1n 1	3 16	0 11	16 57	0 7	4 42	1 1	3 13	1 32	17 57	0 42	22 27	0 5	13 45
S 10	4 48	13 29	2 6	3 58	0 19	16 40	0 4	4 27	1 1	3 10	1 32	17 58	0 42	22 27	0 5	13 44
S 11	4 25	8 16	3 6	4 40	0 28	16 22	0 0	4 12	1 1	3 7	1 32	17 59	0 42	22 27	0 5	13 44
M12	4 3	2 33	3 57	5 22	0 36	16 5	0n 3	3 56	1 0	3 4	1 32	18 0	0 42	22 27	0 5	13 44
T 13	3 40	3n24	4 36	6 3	0 44	15 46	0 6	3 41	1 0	3 2	1 33	18 0	0 42	22 27	0 5	13 43
W14	3 17	9 18	4 59	6 43	0 53	15 28	0 9	3 26	1 0	2 59	1 33	18 1	0 42	22 27	0 4	13 43
T 15	2 54	14 48	5 4	7 23	1 1	15 8	0 12	3 10	1 0	2 56	1 33	18 2	0 42	22 27	0 4	13 43
F 16	2 31	19 30	4 50	8 2	1 10	14 49	0 15	2 55	0 59	2 53	1 33	18 3	0 42	22 27	0 4	13 42
S 17	2 8	23 4	4 17	8 40	1 18	14 29	0 18	2 40	0 59	2 50	1 33	18 4	0 42	22 27	0 4	13 42
S 18	1 45	25 11	3 29	9 17	1 27	14 8	0 21	2 24	0 59	2 47	1 33	18 4	0 42	22 27	0 4	13 42
M19	1 22	25 39	2 29	9 54	1 35	13 47	0 24	2 9	0 58	2 44	1 33	18 5	0 42	22 27	0 4	13 41
T 20	0 59	24 28	1 19	10 30	1 44	13 26	0 27	1 53	0 58	2 41	1 33	18 6	0 42	22 27	0 4	13 41
W21	0 36	21 46	0 6	11 4	1 52	13 5	0 30	1 38	0 58	2 38	1 34	18 6	0 42	22 27	0 4	13 41
T 22	0 13	17 50	1s 7	11 38	2 0	12 43	0 33	1 22	0 58	2 35	1 34	18 7	0 42	22 27	0 4	13 40
F 23	0s10	13 0	2 15	12 11	2 9	12 20	0 36	1 7	0 57	2 31	1 34	18 7	0 42	22 27	0 4	13 40
S 24	0 33	7 36	3 15	12 43	2 17	11 57	0 38	0 52	0 57	2 28	1 34	18 8	0 42	22 27	0 4	13 39
S 25	0 56	1 56	4 3	13 14	2 24	11 34	0 41	0 36	0 57	2 25	1 34	18 9	0 42	22 27	0 4	13 39
M26	1 19	3s42	4 37	13 44	2 32	11 11	0 44	0 21	0 56	2 22	1 34	18 9	0 42	22 27	0 4	13 39
T 27	1 43	9 6	4 56	14 12	2 40	10 47	0 46	0 5	0 56	2 19	1 34	18 10	0 42	22 27	0 4	13 38
W28	2 6	14 0	5 1	14 40	2 47	10 23	0 49	0s10	0 56	2 16	1 34	18 10	0 42	22 27	0 4	13 38
T 29	2 29	18 14	4 51	15 6	2 54	9 59	0 51	0 26	0 56	2 13	1 34	18 11	0 42	22 27	0 4	13 37
F 30	2s52	21s37	4s28	15s30	3s 1	9n34	0n54	0s41	0n55	2n 9	1s34	18s11	0s42	22n27	0s 4	13n37

Julian Day Number = 2706727.5, Delta T = 27m08s

Ecliptic obliquity = 23°20'59", Nutation = 0°00'16"

Ayanamsha: Fagan/Bradley = 34°30'52", Lahiri = 33°37'52"

## ASTRODIENST EPHEMERIS for the year 2698

OCTOBER 2698

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 40 5	8♂13'22	0♂45	4♂25	8♂41	4♂31	8°R59	10°R36	15°R 4	11°R36	5♂39	21°R 5	20♂41	14♂32	4°R46	S 1
S 2	0 44 2	9°12'00	12°37	5°11	9°54	5°10	8♂51	10♂35	15♂4	11♂35	5°41	20♂59	20°38	14°39	4♂44	S 2
M 3	0 47 59	10°10'40	24°26	5°54	11° 7	5°48	8°43	10°34	15° 3	11°34	5°42	20°57	20°35	14°45	4°42	M 3
T 4	0 51 55	11° 9'21	6♂16	6°33	12°20	6°27	8°35	10°33	15° 3	11°32	5°44	20°56	20°32	14°52	4°39	T 4
W 5	0 55 52	12° 8'04	18°12	7° 8	13°33	7° 5	8°27	10°32	15° 2	11°31	5°46	20°56	20°28	14°59	4°37	W 5
T 6	0 59 48	13° 6'48	0♂21	7°38	14°46	7°44	8°19	10°31	15° 1	11°29	5°47	20°55	20°25	15° 5	4°35	T 6
F 7	1 3 45	14° 5'35	12°47	8° 3	15°59	8°22	8°11	10°30	15° 0	11°28	5°49	20°54	20°22	15°12	4°33	F 7
S 8	1 7 41	15° 4'23	25°34	8°22	17°12	9° 1	8° 3	10°29	14°59	11°27	5°50	20°50	20°19	15°19	4°31	S 8
S 9	1 11 38	16° 3'12	8♂47	8°36	18°26	9°39	7°55	10°29	14°58	11°25	5°52	20°44	20°16	15°25	4°29	S 9
M10	1 15 34	17° 2'03	22°27	8°44	19°39	10°18	7°47	10°28	14°57	11°24	5°54	20°35	20°13	15°32	4°27	M10
T 11	1 19 31	18° 0'57	6♂31	8°R45	20°52	10°56	7°40	10°28	14°56	11°22	5°55	20°24	20° 9	15°39	4°25	T 11
W12	1 23 28	18°59'52	20°57	8°39	22° 6	11°35	7°32	10°28	14°55	11°21	5°57	20°13	20° 6	15°45	4°23	W12
T 13	1 27 24	19°58'49	5♂36	8°26	23°19	12°14	7°24	10°27	14°54	11°19	5°58	20° 1	20° 3	15°52	4°21	T 13
F 14	1 31 21	20°57'48	20°32	8° 5	24°33	12°52	7°17	10°27	14°53	11°17	6° 0	19°51	20° 0	15°59	4°19	F 14
S 15	1 35 17	21°56'50	5♂7	7°37	25°47	13°31	7° 9	10°D27	14°52	11°16	6° 1	19°44	19°57	16° 5	4°17	S 15
S 16	1 39 14	22°55'53	19°43	7° 1	27° 0	14°10	7° 2	10°27	14°51	11°14	6° 2	19°39	19°54	16°12	4°16	S 16
M17	1 43 10	23°54'59	4♂6	6°17	28°14	14°48	6°54	10°27	14°49	11°13	6° 4	19°37	19°50	16°19	4°14	M17
T 18	1 47 7	24°54'08	18°13	5°25	29°28	15°27	6°47	10°28	14°48	11°11	6° 5	19°36	19°47	16°25	4°12	T 18
W19	1 51 3	25°53'18	2♂4	4°27	0♂42	16° 6	6°40	10°28	14°47	11°10	6° 7	19°36	19°44	16°32	4°11	W19
T 20	1 55 0	26°52'31	15°40	3°24	1°56	16°45	6°33	10°29	14°45	11° 8	6° 8	19°35	19°41	16°39	4° 9	T 20
F 21	1 58 57	27°51'46	29° 2	2°16	3°10	17°23	6°26	10°29	14°44	11° 6	6° 9	19°32	19°38	16°45	4° 8	F 21
S 22	2 2 53	28°51'03	12♂10	1° 5	4°24	18° 2	6°19	10°30	14°42	11° 5	6°10	19°27	19°34	16°52	4° 7	S 22
S 23	2 6 50	29°50'23	25° 7	29♂53	5°38	18°41	6°12	10°31	14°41	11° 3	6°12	19°18	19°31	16°59	4° 5	S 23
M24	2 10 46	0♂49'44	7♂52	28°42	6°52	19°20	6° 6	10°31	14°39	11° 1	6°13	19° 7	19°28	17° 5	4° 4	M24
T 25	2 14 43	1°49'08	20°27	27°34	8° 6	19°59	5°59	10°32	14°38	11° 0	6°14	18°54	19°25	17°12	4° 3	T 25
W26	2 18 39	2°48'34	2♂50	26°31	9°20	20°38	5°53	10°34	14°36	10°58	6°15	18°40	19°22	17°19	4° 2	W26
T 27	2 22 36	3°48'02	15° 3	25°35	10°34	21°17	5°47	10°35	14°34	10°56	6°17	18°27	19°19	17°25	4° 1	T 27
F 28	2 26 32	4°47'32	27° 7	24°47	11°49	21°55	5°41	10°36	14°33	10°55	6°18	18°15	19°15	17°32	4° 0	F 28
S 29	2 30 29	5°47'04	9♂1	24° 9	13° 3	22°34	5°35	10°37	14°31	10°53	6°19	18° 7	19°12	17°39	3°59	S 29
S 30	2 34 26	6°46'37	20°51	23°42	14°17	23°13	5°29	10°39	14°29	10°51	6°20	18° 1	19° 9	17°45	3°58	S 30
M31	2 38 22	7♂46'13	2♂37	23♂25	15♂32	23♂52	5♂23	10♂40	14♂27	10♂50	6♂21	17♂57	19♂6	17♂52	3♂57	M31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	3s15	24s 2	3s53	15s53	3s 7	9n 9	0n56	0s57	0n55	2n 6	1s34	18s11	0s42	22n27	0s 4	13n37
S 2	3 38	25 20	3 8	16 14	3 13	8 44	0 58	1 12	0 55	2 3	1 34	18 12	0 42	22 27	0 4	13 36
M 3	4 1	25 29	2 16	16 34	3 19	8 18	1 0	1 28	0 54	2 0	1 34	18 12	0 42	22 27	0 4	13 36
T 4	4 24	24 29	1 17	16 52	3 24	7 52	1 3	1 43	0 54	1 57	1 34	18 12	0 42	22 26	0 4	13 35
W 5	4 47	22 21	0 14	17 8	3 29	7 26	1 5	1 59	0 54	1 54	1 34	18 13	0 42	22 26	0 4	13 35
T 6	5 10	19 12	0n50	17 21	3 33	7 0	1 7	2 14	0 53	1 51	1 34	18 13	0 42	22 26	0 4	13 34
F 7	5 32	15 6	1 53	17 33	3 36	6 34	1 9	2 30	0 53	1 47	1 34	18 13	0 42	22 26	0 4	13 34
S 8	5 55	10 14	2 52	17 42	3 39	6 7	1 11	2 45	0 53	1 44	1 34	18 13	0 42	22 26	0 4	13 33
S 9	6 18	4 46	3 44	17 48	3 40	5 40	1 12	3 0	0 52	1 41	1 34	18 14	0 42	22 26	0 4	13 33
M10	6 40	1n 5	4 25	17 51	3 41	5 13	1 14	3 16	0 52	1 38	1 34	18 14	0 42	22 26	0 4	13 32
T 11	7 2	7 3	4 52	17 51	3 41	4 46	1 16	3 31	0 52	1 35	1 34	18 14	0 42	22 26	0 4	13 32
W12	7 25	12 47	5 0	17 48	3 39	4 19	1 17	3 46	0 51	1 32	1 34	18 14	0 42	22 26	0 4	13 31
T 13	7 47	17 53	4 49	17 41	3 36	3 51	1 19	4 2	0 51	1 29	1 34	18 14	0 42	22 26	0 4	13 31
F 14	8 9	21 56	4 19	17 30	3 32	3 23	1 20	4 17	0 51	1 26	1 34	18 14	0 42	22 26	0 4	13 30
S 15	8 31	24 33	3 32	17 15	3 26	2 56	1 22	4 32	0 50	1 24	1 34	18 14	0 42	22 25	0 4	13 30
S 16	8 53	25 28	2 31	16 56	3 18	2 28	1 23	4 48	0 50	1 21	1 34	18 14	0 42	22 25	0 4	13 29
M17	9 15	24 38	1 21	16 32	3 9	2 0	1 24	5 3	0 50	1 18	1 34	18 14	0 42	22 25	0 4	13 29
T 18	9 36	22 14	0 7	16 4	2 58	1 31	1 26	5 18	0 49	1 15	1 33	18 14	0 42	22 25	0 4	13 28
W19	9 58	18 34	1s 5	15 33	2 45	1 3	1 27	5 33	0 49	1 12	1 33	18 14	0 42	22 25	0 4	13 28
T 20	10 19	13 58	2 13	14 57	2 30	0 35	1 28	5 48	0 49	1 10	1 33	18 14	0 42	22 25	0 4	13 27
F 21	10 40	8 46	3 12	14 18	2 13	0 6	1 29	6 3	0 48	1 7	1 33	18 14	0 42	22 25	0 4	13 27
S 22	11 2	3 16	4 0	13 37	1 56	0s22	1 30	6 19	0 48	1 5	1 33	18 13	0 42	22 24	0 4	13 26
S 23	11 22	2s16	4 35	12 54	1 36	0 50	1 31	6 34	0 48	1 2	1 33	18 13	0 42	22 24	0 4	13 26
M24	11 43	7 38	4 55	12 10	1 16	1 19	1 31	6 49	0 47	1 0	1 33	18 13	0 42	22 24	0 4	13 25
T 25	12 4	12 36	5 0	11 26	0 56	1 47	1 32	7 4	0 47	0 57	1 33	18 13	0 42	22 24	0 4	13 25
W26	12 24	16 58	4 52	10 44	0 35	2 16	1 33	7 18	0 47	0 55	1 32	18 12	0 42	22 24	0 4	13 24
T 27	12 44	20 35	4 29	10 5	0 15	2 44	1 33	7 33	0 46	0 52	1 32	18 12	0 42	22 23	0 4	13 24
F 28	13 4	23 15	3 55	9 29	0n 5	3 13	1 34	7 48	0 46	0 50	1 32	18 12	0 42	22 23	0 4	13 23
S 29	13 24	24 52	3 11	8 58	0 24	3 41	1 34	8 3	0 45	0 48	1 32	18 11	0 42	22 23	0 4	13 23
S 30	13 44	25 21	2 19	8 32	0 41	4 10	1 34	8 18	0 45	0 46	1 32	18 11	0 43	22 23	0 4	13 22
M31	14s 3	24s40	1s21	8s11	0n57	4s38	1n34	8s32	0n45	0n44	1s32	18s11	0s43	22n23	0s 4	13n22

Julian Day Number = 2706757.5, Delta T = 27m09s

Ecliptic obliquity = 23°20'59, Nutation = 0°00'15

Ayanamsha: Fagan/Bradley = 34°30'56, Lahiri = 33°37'56

## ASTRODIENST EPHEMERIS for the year 2698

NOVEMBER 2698

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 42 19	8♍45°50	14♌25	23°D20	16♋46	24♊31	5°R18	10♏42	14°R25	10°R48	6♎22	17°D56	19♌3	17♌59	3°R56	T 1
W 2	2 46 15	9°45'29	26°19	23♋26	18° 0	25°10	5°Y13	10°44	14♏23	10♏46	6°23	17♌56	19° 0	18° 5	3♏55	W 2
T 3	2 50 12	10°45'09	8♌25	23°43	19°15	25°49	5° 7	10°46	14°21	10°45	6°24	17°R57	18°56	18°12	3°55	T 3
F 4	2 54 8	11°44'51	20°48	24° 9	20°29	26°28	5° 2	10°48	14°19	10°43	6°25	17°56	18°53	18°19	3°54	F 4
S 5	2 58 5	12°44'35	3♏33	24°45	21°44	27° 8	4°58	10°50	14°17	10°41	6°26	17°54	18°50	18°25	3°54	S 5
S 6	3 2 1	13°44'21	16°44	25°30	22°59	27°47	4°53	10°52	14°15	10°40	6°27	17°50	18°47	18°32	3°53	S 6
M 7	3 5 58	14°44'08	0°Y24	26°23	24°13	28°26	4°49	10°54	14°13	10°38	6°28	17°43	18°44	18°39	3°53	M 7
T 8	3 9 55	15°43'57	14°34	27°22	25°28	29° 5	4°44	10°57	14°11	10°36	6°29	17°34	18°40	18°45	3°52	T 8
W 9	3 13 51	16°43'47	29° 9	28°28	26°42	29°44	4°40	10°59	14° 9	10°35	6°30	17°25	18°37	18°52	3°52	W 9
T 10	3 17 48	17°43'40	14♌4	29°39	27°57	0♍23	4°36	11° 2	14° 7	10°33	6°31	17°15	18°34	18°59	3°52	T 10
F 11	3 21 44	18°43'34	29°10	0♍55	29°12	1° 2	4°33	11° 4	14° 5	10°31	6°31	17° 7	18°31	19° 5	3°52	F 11
S 12	3 25 41	19°43'30	14♏17	2°14	0♍27	1°42	4°29	11° 7	14° 2	10°30	6°32	17° 1	18°28	19°12	3°52	S 12
S 13	3 29 37	20°43'29	29°16	3°37	1°42	2°21	4°26	11°10	14° 0	10°28	6°33	16°57	18°25	19°19	3°D52	S 13
M14	3 33 34	21°43'29	13♏58	5° 2	2°56	3° 0	4°23	11°13	13°58	10°26	6°34	16°D56	18°21	19°25	3°52	M14
T 15	3 37 30	22°43'31	28°20	6°30	4°11	3°39	4°20	11°16	13°56	10°25	6°34	16°56	18°18	19°32	3°52	T 15
W16	3 41 27	23°43'36	12♏19	8° 0	5°26	4°19	4°17	11°19	13°53	10°23	6°35	16°57	18°15	19°39	3°52	W16
T 17	3 45 24	24°43'42	25°56	9°32	6°41	4°58	4°14	11°22	13°51	10°21	6°36	16°R58	18°12	19°45	3°52	T 17
F 18	3 49 20	25°43'51	9♎12	11° 4	7°56	5°37	4°12	11°25	13°49	10°20	6°36	16°57	18° 9	19°52	3°52	F 18
S 19	3 53 17	26°44'02	22°10	12°38	9°11	6°17	4°10	11°28	13°46	10°18	6°37	16°54	18° 6	19°59	3°53	S 19
S 20	3 57 13	27°44'14	4♋53	14°12	10°26	6°56	4° 8	11°32	13°44	10°17	6°37	16°48	18° 2	20° 5	3°53	S 20
M21	4 1 10	28°44'29	17°23	15°48	11°41	7°36	4° 6	11°35	13°42	10°15	6°38	16°41	17°59	20°12	3°54	M21
T 22	4 5 6	29°44'45	29°41	17°23	12°56	8°15	4° 5	11°39	13°39	10°14	6°38	16°32	17°56	20°19	3°54	T 22
W23	4 9 3	0♌45'03	11♍51	18°59	14°11	8°55	4° 3	11°43	13°37	10°12	6°39	16°23	17°53	20°25	3°55	W23
T 24	4 12 59	1°45'24	23°53	20°35	15°26	9°34	4° 2	11°47	13°34	10°10	6°39	16°15	17°50	20°32	3°56	T 24
F 25	4 16 56	2°45'45	5♌48	22°11	16°41	10°14	4° 1	11°50	13°32	10° 9	6°40	16° 7	17°46	20°39	3°56	F 25
S 26	4 20 53	3°46'09	17°38	23°47	17°56	10°53	4° 1	11°54	13°29	10° 7	6°40	16° 1	17°43	20°45	3°57	S 26
S 27	4 24 49	4°46'34	29°26	25°24	19°12	11°33	4° 0	11°58	13°27	10° 6	6°40	15°57	17°40	20°52	3°58	S 27
M28	4 28 46	5°47'00	11♌12	27° 0	20°27	12°12	4° 0	12° 2	13°24	10° 4	6°41	15°D56	17°37	20°59	3°59	M28
T 29	4 32 42	6°47'28	23° 2	28°36	21°42	12°52	4°D 0	12° 7	13°22	10° 3	6°41	15°56	17°34	21° 5	4° 0	T 29
W30	4 36 39	7♌47'58	4♏57	0♌12	22♍57	13♍32	4°Y 0	12°11	13♏19	10♏1	6♎41	15♌57	17♌31	21♌12	4♏1	W30

Day	☉	☾	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	14s22	22s53	0s19	7s55	1n12	5s 6	1n35	8s47	0n44	0n42	1s31	18s10	0s43	22n22	0s 4	13n21	1s45	18n20	9n55	22s 9	22s 0	25s27	4s42	5n42	
W 2	14 41	20 5	0n45	7 46	1 24	5 35	1 35	9 1	0 44	0 40	1 31	18 10	0 43	22 22	0 4	13 21	1 45	18 20	9 55	22 9	22 1	25 27	4 43	5 42	
T 3	15 0	16 22	1 47	7 41	1 35	6 3	1 35	9 16	0 43	0 38	1 31	18 9	0 43	22 22	0 4	13 20	1 45	18 20	9 56	22 9	22 1	25 27	4 44	5 41	
F 4	15 18	11 53	2 46	7 43	1 45	6 31	1 35	9 30	0 43	0 36	1 31	18 9	0 43	22 22	0 4	13 20	1 45	18 20	9 56	22 9	22 1	25 27	4 44	5 41	
S 5	15 36	6 46	3 38	7 49	1 52	6 59	1 35	9 45	0 43	0 35	1 31	18 8	0 43	22 22	0 4	13 19	1 45	18 20	9 56	22 9	22 2	25 27	4 45	5 41	
S 6	15 54	1 12	4 21	7 59	1 59	7 26	1 34	9 59	0 42	0 33	1 30	18 7	0 43	22 21	0 4	13 19	1 45	18 20	9 57	22 10	22 2	25 27	4 45	5 40	
M 7	16 12	4n36	4 51	8 14	2 3	7 54	1 34	10 13	0 42	0 31	1 30	18 7	0 43	22 21	0 4	13 18	1 45	18 20	9 57	22 11	22 3	25 26	4 46	5 40	
T 8	16 29	10 23	5 4	8 32	2 7	8 21	1 34	10 28	0 41	0 30	1 30	18 6	0 43	22 21	0 4	13 18	1 45	18 20	9 57	22 12	22 3	25 26	4 46	5 39	
W 9	16 46	15 46	4 58	8 53	2 9	8 49	1 33	10 42	0 41	0 28	1 30	18 5	0 43	22 21	0 4	13 17	1 45	18 20	9 58	22 13	22 4	25 26	4 47	5 39	
T 10	17 3	20 20	4 32	9 17	2 10	9 16	1 33	10 56	0 41	0 27	1 30	18 5	0 43	22 20	0 4	13 16	1 45	18 20	9 58	22 14	22 4	25 26	4 47	5 39	
F 11	17 20	23 35	3 47	9 43	2 10	9 43	1 32	11 10	0 40	0 26	1 29	18 4	0 43	22 20	0 4	13 16	1 45	18 20	9 59	22 15	22 5	25 26	4 48	5 38	
S 12	17 36	25 10	2 46	10 11	2 9	10 9	1 32	11 24	0 40	0 25	1 29	18 3	0 43	22 20	0 4	13 15	1 45	18 20	9 59	22 16	22 5	25 25	4 48	5 38	
S 13	17 52	24 54	1 33	10 41	2 7	10 36	1 31	11 38	0 39	0 24	1 29	18 3	0 43	22 20	0 4	13 15	1 45	18 20	9 59	22 17	22 5	25 25	4 49	5 37	
M14	18 8	22 53	0 16	11 12	2 4	11 2	1 30	11 51	0 39	0 23	1 29	18 2	0 43	22 19	0 4	13 14	1 45	18 20	10 0	22 17	22 6	25 25	4 49	5 37	
T 15	18 23	19 25	1s 1	11 44	2 1	11 28	1 29	12 5	0 39	0 22	1 28	18 1	0 43	22 19	0 4	13 14	1 45	18 20	10 0	22 17	22 6	25 25	4 49	5 36	
W16	18 38	14 56	2 12	12 16	1 57	11 54	1 28	12 19	0 38	0 21	1 28	18 0	0 43	22 19	0 4	13 13	1 44	18 20	10 0	22 17	22 7	25 24	4 50	5 36	
T 17	18 53	9 47	3 14	12 49	1 53	12 19	1 27	12 32	0 38	0 20	1 28	17 59	0 43	22 19	0 4	13 13	1 44	18 20	10 1	22 17	22 7	25 24	4 50	5 36	
F 18	19 7	4 19	4 4	13 23	1 48	12 44	1 26	12 46	0 37	0 19	1 28	17 58	0 43	22 18	0 4	13 13	1 44	18 20	10 1	22 17	22 7	25 24	4 50	5 35	
S 19	19 21	1s11	4 40	13 56	1 43	13 9	1 25	12 59	0 37	0 19	1 27	17 57	0 43	22 18	0 4	13 12	1 44	18 21	10 1	22 17	22 8	25 24	4 50	5 35	
S 20	19 35	6 32	5 1	14 29	1 37	13 34	1 24	13 12	0 36	0 18	1 27	17 56	0 43	22 18	0 4	13 12	1 44	18 21	10 2	22 18	22 8	25 23	4 51	5 34	
M21	19 48	11 32	5 7	15 3	1 32	13 58	1 23	13 26	0 36	0 18	1 27	17 56	0 43	22 17	0 4	13 11	1 44	18 21	10 2	22 19	22 9	25 23	4 51	5 34	
T 22	20 1	15 59	4 59	15 35	1 26	14 22	1 22	13 39	0 35	0 17	1 27	17 55	0 43	22 17	0 4	13 11	1 44	18 21	10 2	22 20	22 9	25 23	4 51	5 34	
W23	20 14	19 44	4 38	16 8	1 19	14 45	1 21	13 52	0 35	0 17	1 26	17 54	0 43	22 17	0 4	13 10	1 44	18 21	10 3	22 21	22 10	25 23	4 51	5 33	
T 24	20 26	22 37	4 4	16 40	1 13	15 8	1 19	14 5	0 35	0 17	1 26	17 52	0 43	22 17	0 4	13 10	1 44	18 21	10 3	22 22	22 10	25 22	4 51	5 33	
F 25	20 38	24 29	3 20	17 11	1 6	15 31	1 18	14 17	0 34	0 17	1 26	17 51	0 43	22 16	0 4	13 9	1 44	18 21	10 4	22 23	22 10	25 22	4 52	5 32	
S 26	20 50	25 13	2 28	17 41	0 59	15 54	1 16	14 30	0 34	0 17	1 26	17 50	0 43	22 16	0 4	13 9	1 44	18 22	10 4	22 24	22 11	25 22	4 52	5 32	
S 27	21 1	24 49	1 29	18 11	0 53	16 15	1 15	14 43	0 33	0 17	1 25	17 49	0 43	22 16	0 4	13 8	1 44	18 22	10 4	22 24	22 11	25 21	4 52	5 31	
M28	21 11	23 18	0 26	18 40	0 46	16 37	1 13	14 55	0 33	0 17	1 25	17 48	0 43	22 15	0 4	13 8	1 44	18 22	10 5	22 24	22 12	25 21	4 52	5 31	
T 29	21 22	20 45	0n39	19 8	0 39	16 58	1 12	15 8	0 32	0 17	1 25	17 47	0 43	22 15	0 4	13 7	1 44	18 22	10 5	22 24	22 12	25 21	4 52	5 31	
W30	21s32	17s18	1n42	19s36	0n32	17s19	1n10	15s20	0n32	0n17	1s25	17s46	0s43	22n15	0s 4	13n 7	1s44	18n23	10n 5	22s24	22s12	25s20	4s52	5n30	

## ASTRODIENST EPHEMERIS for the year 2698

DECEMBER 2698

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 40 35	8♂48'28	17≈ 3	1♂48	24♂12	14♂11	4♀ 0	12≈15	13°R17	10°R 0	6♂42	15♂59	17♂27	21♂19	4♂ 2	T 1
F 2	4 44 32	9°49'00	29°23	3°23	25°28	14°51	4° 1	12°20	13Ⅱ14	9♂59	6°42	16° 0	17°24	21°25	4° 3	F 2
S 3	4 48 28	10°49'33	12Ⅱ 3	4°59	26°43	15°31	4° 1	12°24	13°12	9°57	6°42	16°R 1	17°21	21°32	4° 5	S 3
S 4	4 52 25	11°50'06	25° 8	6°34	27°58	16°10	4° 2	12°29	13° 9	9°56	6°42	16° 0	17°18	21°39	4° 6	S 4
M 5	4 56 22	12°50'42	8♀40	8° 9	29°13	16°50	4° 4	12°33	13° 7	9°55	6°42	15°58	17°15	21°45	4° 7	M 5
T 6	5 0 18	13°51'18	22°40	9°44	0♂29	17°30	4° 5	12°38	13° 4	9°53	6°42	15°54	17°11	21°52	4° 9	T 6
W 7	5 4 15	14°51'55	7♂ 9	11°19	1°44	18°10	4° 6	12°43	13° 2	9°52	6°42	15°49	17° 8	21°59	4°10	W 7
T 8	5 8 11	15°52'34	22° 2	12°54	2°59	18°49	4° 8	12°48	12°59	9°51	6°R42	15°45	17° 5	22° 5	4°12	T 8
F 9	5 12 8	16°53'14	7Ⅱ12	14°29	4°14	19°29	4°10	12°53	12°57	9°49	6°42	15°41	17° 2	22°12	4°13	F 9
S 10	5 16 4	17°53'55	22°28	16° 3	5°30	20° 9	4°12	12°58	12°54	9°48	6°42	15°38	16°59	22°19	4°15	S 10
S 11	5 20 1	18°54'37	7♂41	17°38	6°45	20°49	4°15	13° 3	12°52	9°47	6°42	15°37	16°56	22°25	4°17	S 11
M12	5 23 58	19°55'21	22°41	19°12	8° 0	21°29	4°17	13° 8	12°49	9°46	6°42	15°D37	16°52	22°32	4°19	M12
T 13	5 27 54	20°56'06	7♂21	20°46	9°16	22° 9	4°20	13°13	12°47	9°44	6°42	15°38	16°49	22°39	4°20	T 13
W14	5 31 51	21°56'52	21°35	22°20	10°31	22°49	4°23	13°18	12°44	9°43	6°42	15°39	16°46	22°45	4°22	W14
T 15	5 35 47	22°57'40	5♂23	23°55	11°46	23°29	4°26	13°24	12°42	9°42	6°42	15°40	16°43	22°52	4°24	T 15
F 16	5 39 44	23°58'29	18°46	25°29	13° 2	24° 9	4°30	13°29	12°39	9°41	6°41	15°R41	16°40	22°59	4°26	F 16
S 17	5 43 40	24°59'19	1♂44	27° 3	14°17	24°49	4°33	13°35	12°37	9°40	6°41	15°41	16°37	23° 5	4°28	S 17
S 18	5 47 37	26° 0'11	14°23	28°37	15°33	25°29	4°37	13°40	12°35	9°39	6°41	15°40	16°33	23°12	4°30	S 18
M19	5 51 33	27° 1'04	26°45	0♂11	16°48	26° 9	4°41	13°46	12°32	9°38	6°41	15°38	16°30	23°18	4°33	M19
T 20	5 55 30	28° 1'59	8♂54	1°45	18° 3	26°49	4°45	13°51	12°30	9°37	6°40	15°36	16°27	23°25	4°35	T 20
W21	5 59 27	29° 2'54	20°54	3°20	19°19	27°29	4°49	13°57	12°27	9°36	6°40	15°33	16°24	23°32	4°37	W21
T 22	6 3 23	0♂ 3'51	2♂48	4°54	20°34	28° 9	4°54	14° 3	12°25	9°35	6°39	15°30	16°21	23°38	4°39	T 22
F 23	6 7 20	1° 4'48	14°37	6°28	21°50	28°50	4°59	14° 9	12°23	9°34	6°39	15°28	16°18	23°45	4°42	F 23
S 24	6 11 16	2° 5'47	26°25	8° 3	23° 5	29°30	5° 3	14°15	12°20	9°33	6°39	15°26	16°14	23°52	4°44	S 24
S 25	6 15 13	3° 6'46	8♂13	9°37	24°21	0♂10	5° 9	14°21	12°18	9°32	6°38	15°26	16°11	23°58	4°47	S 25
M26	6 19 9	4° 7'47	20° 4	11°12	25°36	0°50	5°14	14°26	12°16	9°32	6°38	15°D26	16° 8	24° 5	4°49	M26
T 27	6 23 6	5° 8'48	2≈ 0	12°46	26°52	1°30	5°19	14°33	12°13	9°31	6°37	15°26	16° 5	24°12	4°52	T 27
W28	6 27 2	6° 9'49	14° 3	14°21	28° 7	2°11	5°25	14°39	12°11	9°30	6°37	15°27	16° 2	24°18	4°55	W28
T 29	6 30 59	7°10'51	26°15	15°56	29°23	2°51	5°31	14°45	12° 9	9°29	6°36	15°28	15°58	24°25	4°57	T 29
F 30	6 34 56	8°11'53	8♂41	17°31	0♂38	3°31	5°37	14°51	12° 7	9°29	6°35	15°29	15°55	24°32	5° 0	F 30
S 31	6 38 52	9♂12'56	21Ⅱ22	19♂ 6	1♂54	4♂12	5♀43	14≈57	12Ⅱ 5	9♂28	6♂35	15♂29	15♂52	24♂38	5Ⅱ 3	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	21s41	13s 6	2n42	20s 2	0n25	17s39	1n 8	15s32	0n31	0n18	1s24	17s45	0s43	22n15	0s 4	13n 7	1s44	18n23	10n 6	22s24	22s13	25s20	4s52	5n30							
F 2	21 50	8 17	3 35	20 28	0 18	17 59	1 6	15 44	0 31	0 18	1 24	17 43	0 43	22 14	0 4	13 6	1 44	18 23	10 6	22 24	22 13	25 20	4 52	5 29							
S 3	21 59	3 0	4 20	20 52	0 11	18 18	1 4	15 56	0 30	0 19	1 24	17 42	0 43	22 14	0 4	13 6	1 44	18 23	10 6	22 24	22 14	25 19	4 52	5 29							
S 4	22 7	2n33	4 53	21 15	0 4	18 37	1 3	16 8	0 30	0 19	1 24	17 41	0 43	22 14	0 4	13 5	1 44	18 24	10 7	22 24	22 14	25 19	4 52	5 29							
M 5	22 15	8 11	5 10	21 38	0s 3	18 55	1 1	16 20	0 29	0 20	1 23	17 39	0 43	22 13	0 4	13 5	1 44	18 24	10 7	22 24	22 15	25 19	4 51	5 28							
T 6	22 23	13 36	5 11	21 59	0 10	19 13	0 59	16 32	0 29	0 21	1 23	17 38	0 43	22 13	0 4	13 5	1 44	18 24	10 8	22 24	22 15	25 18	4 51	5 28							
W 7	22 30	18 26	4 52	22 19	0 16	19 30	0 57	16 43	0 28	0 22	1 23	17 37	0 43	22 13	0 4	13 4	1 44	18 25	10 8	22 25	22 15	25 18	4 51	5 27							
T 8	22 36	22 17	4 13	22 38	0 23	19 47	0 55	16 55	0 28	0 23	1 22	17 35	0 43	22 12	0 4	13 4	1 44	18 25	10 8	22 25	22 16	25 17	4 51	5 27							
F 9	22 42	24 39	3 15	22 56	0 30	20 3	0 53	17 6	0 27	0 24	1 22	17 34	0 43	22 12	0 4	13 4	1 44	18 25	10 9	22 26	22 16	25 17	4 51	5 27							
S 10	22 48	25 12	2 4	23 13	0 36	20 19	0 51	17 17	0 27	0 25	1 22	17 33	0 43	22 12	0 4	13 3	1 44	18 26	10 9	22 26	22 17	25 17	4 51	5 26							
S 11	22 53	23 51	0 43	23 29	0 42	20 34	0 48	17 28	0 26	0 26	1 22	17 31	0 43	22 12	0 4	13 3	1 44	18 26	10 9	22 26	22 17	25 16	4 50	5 26							
M12	22 58	20 49	0s39	23 43	0 49	20 48	0 46	17 39	0 26	0 27	1 21	17 30	0 43	22 11	0 4	13 2	1 44	18 26	10 10	22 26	22 17	25 16	4 50	5 25							
T13	23 2 16	29 1	1 57	23 56	0 55	21 2	0 44	17 50	0 25	0 28	1 21	17 28	0 43	22 11	0 4	13 2	1 44	18 27	10 10	22 26	22 18	25 15	4 50	5 25							
W14	23 6 11	19 3	6 24	8 1	1 21	15 0	42 18	0 25	0 30	1 21	17 27	0 43	22 11	0 4	13 2	1 44	18 27	10 10	22 26	22 18	25 15	4 49	5 25								
T15	23 10 5	45 4	1 24	19 1	6 21	28 0	40 18	11 0	24 0	31 1	21 17	25 0	43 22	10 0	4 13	2	1 44	18 27	10 11	22 26	22 18	25 14	4 49	5 24							
F16	23 13 0	6 4	4 24	28 1	12 21	39 0	37 18	21 0	24 0	33 1	20 17	24 0	43 22	10 0	4 13	1	1 44	18 28	10 11	22 26	22 19	25 14	4 49	5 24							
S17	23 15 5s23	5 6	24 36	1 18	21 51	0 35	18 31	0 23	0 35	1 20	17 22	0 43	22 10	0 4	13 1	1 44	18 28	10 12	22 26	22 19	25 13	4 48	5 24								
S 18	23 17 10	30 5	16 24	43 1	23 22	1 0	33 18	42 0	23 0	36 1	20 17	21 0	43 22	9 0	4 13	1	1 44	18 29	10 12	22 26	22 20	25 13	4 48	5 23							
M19	23 19 15	5 5	5 10	24 49	1 28	22 11	0 30	18 52	0 22	0 38	1 20	17 19	0 43	22 9	0 4	13 0	1 44	18 29	10 12	22 26	22 20	25 13	4 47	5 23							
T20	23 20 19	0 4	50 24	53 1	33 22	21 0	28 19	1 0	22 0	40 1	19 17	18 0	43 22	9 0	4 13	0	1 43	18 30	10 13	22 27	22 20	25 12	4 47	5 22							
W21	23 21 22	3 4	18 24	56 1	37 22	30 0	26 19	11 0	21 0	42 1	19 17	16 0	43 22	9 0	4 13	0	1 43	18 30	10 13	22 27	22 21	25 12	4 46	5 22							
T22	23 21 24	9 3	35 24	57 1	42 22	38 0	23 19	21 0	20 0	44 1	19 17	14 0	43 22	8 0	4 13	0	1 43	18 31	10 13	22 27	22 21	25 11	4 46	5 22							
F23	23 21 25	9 2	43 24	57 1	46 22	45 0	21 19	30 0	20 0	46 1	19 17	13 0	43 22	8 0	4 12	59	1 43	18 31	10 14	22 27	22 22	25 11	4 45	5 21							
S 24	23 20 25	2 1	44 24	56 1	50 22	52 0	19 19	39 0	19 0	48 1	18 17	11 0	43 22	8 0	4 12	59	1 43	18 32	10 14	22 28	22 22	25 10	4 45	5 21							
S 25	23 19 23	46 0	40 24	53 1	54 22	58 0	16 19	48 0	19 0	50 1	18 17	9 0	43 22	7 0	4 12	59	1 43	18 32	10 14	22 28	22 22	25 10	4 44	5 21							
M26	23 17 21	26 0n26	24 49 1	57 23	3 0	14 19	57 0	18 0	53 1	18 17	8 0	43 22	7 0	4 12	59	1 43	18 33	10 15	22 28	22 23	25 9	4 44	5 20								
T27	23 15 18	10 1	31 24	44 2	0 23	7 0	11 20	6 0	18 0	55 1	18 17	6 0	43 22	7 0	4 12	58	1 43	18 33	10 15	22 28	22 23	25 9	4 43	5 20							
W28	23 12 14	7 2	32 24	37 2	3 23	11 0	9 20	14 0	17 0	58 1	17 17	4 0	43 22	6 0	4 12	58	1 43	18 34	10 15	22 28	22 23	25 8	4 42	5 20							
T29	23 9 9	27 3	28 24	29 2	5 23	14 0	6 20	23 0	16 0	1 0	17 17	2 0	43 22	6 0	4 12	58	1 43	18 34	10 16	22 27	22 24	25 8	4 42	5 19							
F30	23 6 4	20 4	15 24	19 2	8 23	17 0	4 20	31 0	16 0	1 3	17 17	1 0	43 22	6 0	4 12	58	1 43	18 35	10 16	22 27	22 24	25 7	4 41	5 19							
S 31	23s 2	1n 3	4n50	24s 8	2s 9	23s19	0n 2	20s39	0n15	1n 5	1s17	16s59	0s43	22n 6	0s 4	12n58	1s43	18n35	10n16	22s27	22s25	25s 6	4s40	5n19							

Julian Day Number = 2706818.5, Delta T = 27m10s

Ecliptic obliquity = 23°20'57", Nutation = 0°00'16"

Ayanamsha: Fagan/Bradley = 34°31'05", Lahiri = 33°38'05"

## ASTRODIENST EPHEMERIS for the year 2699

JANUARY 2699

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 42 49	10°31'59"	4°47'23"	20°34'41"	3°38' 9"	4°27'52"	5°47'49"	15°33' 3"	12°R 2	9°R27	6°R34	15°R30	15°34'49"	24°27'45"	5°H 6	S 1
M 2	6 46 45	11°15'02"	17°47'	22°16'	4°24'	5°33'	5°56'	15°10'	12°II 0	9°R27	6°R33	15°33'30"	15°46'	24°52'	5° 9	M 2
T 3	6 50 42	12°16'05"	18°34'	23°51'	5°40'	6°13'	6° 2'	15°16'	11°58'	9°26'	6°33'	15°29'	15°43'	24°58'	5°12'	T 3
W 4	6 54 38	13°17'09"	15°46'	25°25'	6°55'	6°54'	6° 9'	15°22'	11°56'	9°26'	6°32'	15°29'	15°39'	25° 5'	5°15'	W 4
T 5	6 58 35	14°18'12"	0°II22	27° 0'	8°11'	7°34'	6°16'	15°29'	11°54'	9°25'	6°31'	15°29'	15°36'	25°12'	5°18'	T 5
F 6	7 2 31	15°19'17"	15°16'	28°35'	9°26'	8°15'	6°23'	15°35'	11°52'	9°25'	6°30'	15°D29	15°33'	25°18'	5°21'	F 6
S 7	7 6 28	16°20'21"	0°22	0° 9'	10°42'	8°55'	6°31'	15°42'	11°50'	9°24'	6°29'	15°29'	15°30'	25°25'	5°24'	S 7
S 8	7 10 25	17°21'25"	15°31'	1°43'	11°57'	9°36'	6°38'	15°48'	11°48'	9°24'	6°29'	15°R29	15°27'	25°32'	5°27'	S 8
M 9	7 14 21	18°22'30"	0°235	3°16'	13°13'	10°16'	6°46'	15°55'	11°46'	9°23'	6°28'	15°29'	15°24'	25°38'	5°30'	M 9
T 10	7 18 18	19°23'35"	15°23'	4°48'	14°28'	10°57'	6°53'	16° 2'	11°45'	9°23'	6°27'	15°29'	15°20'	25°45'	5°33'	T 10
W11	7 22 14	20°24'40"	29°50'	6°20'	15°44'	11°37'	7° 1'	16° 8'	11°43'	9°23'	6°26'	15°28'	15°17'	25°52'	5°37'	W11
T 12	7 26 11	21°25'46"	13°II51	7°51'	16°59'	12°18'	7° 9'	16°15'	11°41'	9°22'	6°25'	15°27'	15°14'	25°58'	5°40'	T 12
F 13	7 30 7	22°26'51"	27°25'	9°20'	18°15'	12°59'	7°18'	16°22'	11°39'	9°22'	6°24'	15°27'	15°11'	26° 5'	5°43'	F 13
S 14	7 34 4	23°27'58"	10°231	10°48'	19°30'	13°40'	7°26'	16°28'	11°38'	9°22'	6°23'	15°26'	15° 8'	26°12'	5°47'	S 14
S 15	7 38 1	24°29'04"	23°14'	12°13'	20°46'	14°20'	7°35'	16°35'	11°36'	9°22'	6°22'	15°D26	15° 4'	26°18'	5°50'	S 15
M16	7 41 57	25°30'11"	5°III36	13°37'	22° 1'	15° 1'	7°43'	16°42'	11°34'	9°22'	6°21'	15°26'	15° 1'	26°25'	5°54'	M16
T 17	7 45 54	26°31'19"	17°43'	14°57'	23°17'	15°42'	7°52'	16°49'	11°33'	9°21'	6°20'	15°27'	14°58'	26°31'	5°57'	T 17
W18	7 49 50	27°32'26"	29°39'	16°15'	24°32'	16°23'	8° 1'	16°56'	11°31'	9°21'	6°19'	15°28'	14°55'	26°38'	6° 1'	W18
T 19	7 53 47	28°33'34"	11°29	17°28'	25°48'	17° 4'	8°10'	17° 3'	11°30'	9°D21	6°18'	15°29'	14°52'	26°45'	6° 4'	T 19
F 20	7 57 43	29°34'41"	23°16'	18°37'	27° 3'	17°44'	8°19'	17°10'	11°28'	9°21'	6°17'	15°30'	14°49'	26°51'	6° 8'	F 20
S 21	8 1 40	0°35'49"	5°3 3	19°40'	28°19'	18°25'	8°29'	17°17'	11°27'	9°21'	6°16'	15°31'	14°45'	26°58'	6°11'	S 21
S 22	8 5 36	1°36'57"	16°55'	20°38'	29°34'	19° 6'	8°38'	17°24'	11°25'	9°22'	6°14'	15°R32	14°42'	27° 5'	6°15'	S 22
M23	8 9 33	2°38'04"	28°54'	21°29'	0°550	19°47'	8°48'	17°31'	11°24'	9°22'	6°13'	15°31'	14°39'	27°11'	6°19'	M23
T 24	8 13 30	3°39'11"	11° 1	22°12'	2° 5'	20°28'	8°58'	17°38'	11°23'	9°22'	6°12'	15°30'	14°36'	27°18'	6°23'	T 24
W25	8 17 26	4°40'18"	23°17'	22°46'	3°21'	21° 9'	9° 7'	17°45'	11°22'	9°22'	6°11'	15°27'	14°33'	27°25'	6°26'	W25
T 26	8 21 23	5°41'24"	5°H45	23°10'	4°36'	21°50'	9°17'	17°52'	11°20'	9°22'	6°10'	15°24'	14°30'	27°31'	6°30'	T 26
F 27	8 25 19	6°42'30"	18°25'	23°25'	5°52'	22°31'	9°28'	17°59'	11°19'	9°22'	6° 8'	15°21'	14°26'	27°38'	6°34'	F 27
S 28	8 29 16	7°43'35"	1°Y19	23°R28	7° 7'	23°12'	9°38'	18° 6'	11°18'	9°23'	6° 7'	15°17'	14°23'	27°45'	6°38'	S 28
S 29	8 33 12	8°44'40"	14°27'	23°20'	8°23'	23°53'	9°48'	18°13'	11°17'	9°23'	6° 6'	15°14'	14°20'	27°51'	6°42'	S 29
M30	8 37 9	9°45'43"	27°51'	23° 0'	9°38'	24°34'	9°59'	18°20'	11°16'	9°23'	6° 5'	15°13'	14°17'	27°58'	6°46'	M30
T 31	8 41 5	10°46'46"	11°32	22°28'	10°553	25°27'16"	10°Y 9	18°27	11°II15	9°R24	6°R 3	15°D12	14°314	28°27 5	6°H49	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	22s57	6n31	5n12	23s55	2s11	23s20	0s 1	20s47	0n15	1n 8	1s16	16s57	0s43	22n 5	0s 4	12n58
M 2	22 52	11 51	5 18	23 41	2 12	23 20	0 3	20 55	0 14	1 11	1 16	16 55	0 43	22 5	0 4	12 57
T 3	22 47	16 45	5 6	23 26	2 12	23 19	0 6	21 3	0 14	1 14	1 16	16 53	0 43	22 5	0 4	12 57
W 4	22 41	20 53	4 35	23 9	2 13	23 18	0 8	21 10	0 13	1 17	1 16	16 51	0 43	22 5	0 4	12 57
T 5	22 35	23 50	3 46	22 51	2 12	23 16	0 10	21 17	0 12	1 20	1 15	16 50	0 43	22 4	0 4	12 57
F 6	22 28	25 12	2 40	22 31	2 12	23 14	0 13	21 24	0 12	1 23	1 15	16 48	0 43	22 4	0 4	12 57
S 7	22 21	24 44	1 23	22 10	2 10	23 10	0 15	21 31	0 11	1 26	1 15	16 46	0 43	22 4	0 4	12 57
S 8	22 14	22 27	0s 0	21 47	2 8	23 6	0 18	21 38	0 10	1 29	1 15	16 44	0 44	22 4	0 4	12 57
M 9	22 6	18 36	1 23	21 24	2 6	23 2	0 20	21 45	0 10	1 32	1 14	16 42	0 44	22 3	0 4	12 57
T 10	21 57	13 38	2 39	20 59	2 3	22 56	0 22	21 51	0 9	1 35	1 14	16 40	0 44	22 3	0 4	12 57
W11	21 48	8 0	3 43	20 33	1 59	22 50	0 25	21 57	0 9	1 39	1 14	16 38	0 44	22 3	0 3	12 57
T 12	21 39	2 9	4 31	20 5	1 55	22 43	0 27	22 3	0 8	1 42	1 14	16 36	0 44	22 3	0 3	12 57
F 13	21 29	3s36	5 2	19 37	1 50	22 36	0 29	22 9	0 7	1 46	1 13	16 34	0 44	22 2	0 3	12 57
S 14	21 19	9 0	5 17	19 8	1 44	22 27	0 31	22 15	0 7	1 49	1 13	16 32	0 44	22 2	0 3	12 57
S 15	21 9	13 52	5 15	18 37	1 37	22 18	0 34	22 20	0 6	1 53	1 13	16 30	0 44	22 2	0 3	12 57
M16	20 58	18 2	4 58	18 6	1 30	22 9	0 36	22 25	0 5	1 56	1 13	16 28	0 44	22 2	0 3	12 57
T 17	20 46	21 21	4 29	17 35	1 21	21 58	0 38	22 31	0 5	2 0	1 13	16 26	0 44	22 2	0 3	12 57
W18	20 34	23 43	3 48	17 3	1 12	21 48	0 40	22 35	0 4	2 4	1 12	16 24	0 44	22 1	0 3	12 57
T 19	20 22	25 1	2 58	16 31	1 2	21 36	0 42	22 40	0 3	2 7	1 12	16 22	0 44	22 1	0 3	12 57
F 20	20 10	25 11	2 0	15 59	0 50	21 24	0 44	22 45	0 3	2 11	1 12	16 20	0 44	22 1	0 3	12 57
S 21	19 57	24 13	0 58	15 28	0 38	21 11	0 46	22 49	0 2	2 15	1 12	16 18	0 44	22 1	0 3	12 57
S 22	19 44	22 9	0n 8	14 57	0 25	20 57	0 48	22 53	0 1	2 19	1 12	16 16	0 44	22 1	0 3	12 57
M23	19 30	19 6	1 13	14 28	0 11	20 43	0 50	22 57	0 1	2 23	1 11	16 14	0 44	22 0	0 3	12 57
T 24	19 16	15 13	2 16	13 59	0n 4	20 28	0 52	23 1	0s 0	2 27	1 11	16 12	0 44	22 0	0 3	12 57
W25	19 1	10 39	3 14	13 33	0 21	20 13	0 54	23 4	0 1	2 31	1 11	16 10	0 44	22 0	0 3	12 57
T 26	18 47	5 36	4 3	13 9	0 37	19 57	0 56	23 7	0 2	2 35	1 11	16 8	0 44	22 0	0 3	12 57
F 27	18 32	0 15	4 41	12 48	0 55	19 40	0 58	23 11	0 2	2 39	1 11	16 5	0 44	22 0	0 3	12 57
S 28	18 16	5n12	5 6	12 30	1 13	19 23	1 0	23 14	0 3	2 43	1 10	16 3	0 44	22 0	0 3	12 58
S 29	18 0	10 31	5 15	12 15	1 31	19 5	1 1	23 16	0 4	2 48	1 10	16 1	0 45	22 0	0 3	12 58
M30	17 44	15 27	5 7	12 5	1 49	18 47	1 3	23 19	0 4	2 52	1 10	15 59	0 45	21 59	0 3	12 58
T 31	17s28	19n42	4n42	11s58	2n 7	18s28	1s 5	23s21	0s 5	2n56	1s10	15s57	0s45	21n59	0s 3	12n58

Julian Day Number = 2706849.5, Delta T = 27m10s

Ecliptic obliquity = 23°20'57", Nutation = 0°00'17"

Ayanamsha: Fagan/Bradley = 34°31'09", Lahiri = 33°38'09"

## ASTRODIENST EPHEMERIS for the year 2699

FEBRUARY 2699

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 45 2	11°47'48"	25°30'	21°R46	12°28'9"	25°27'57"	10°V20	18°28'34"	11°R14	9°28'24"	6°R 2	15°21'13"	14°28'10"	28°27'11"	6°28'53"	W 1
T 2	8 48 59	12°48'50"	9°II44	20°28'53"	13°24'	26°38'	10°31'	18°41'	11°II13	9°25'	6°II 1	15°14'	14°7'	28°18'	6°57'	T 2
F 3	8 52 55	13°49'50"	24°15'	19°52'	14°40'	27°19'	10°42'	18°48'	11°13'	9°25'	5°59'	15°16'	14°4'	28°25'	7°1'	F 3
S 4	8 56 52	14°50'49"	8°25'56"	18°43'	15°55'	28°0'	10°53'	18°56'	11°12'	9°26'	5°58'	15°R17	14°1'	28°31'	7°5'	S 4
S 5	9 0 48	15°51'48"	23°45'	17°30'	17°11'	28°41'	11°4'	19°3'	11°11'	9°26'	5°57'	15°17'	13°58'	28°38'	7°9'	S 5
M 6	9 4 45	16°52'45"	8°23'32"	16°14'	18°26'	29°23'	11°15'	19°10'	11°11'	9°27'	5°55'	15°15'	13°55'	28°45'	7°13'	M 6
T 7	9 8 41	17°53'42"	23°12'	14°58'	19°41'	0°23'4"	11°26'	19°17'	11°10'	9°27'	5°54'	15°12'	13°51'	28°51'	7°17'	T 7
W 8	9 12 38	18°54'38"	7°II37	13°44'	20°57'	0°45'	11°38'	19°24'	11°9'	9°28'	5°52'	15°7'	13°48'	28°58'	7°22'	W 8
T 9	9 16 34	19°55'33"	21°41'	12°33'	22°12'	1°27'	11°49'	19°31'	11°9'	9°29'	5°51'	15°1'	13°45'	29°4'	7°26'	T 9
F 10	9 20 31	20°56'27"	5°22'20"	11°28'	23°27'	2°8'	12°1'	19°38'	11°9'	9°29'	5°50'	14°55'	13°42'	29°11'	7°30'	F 10
S 11	9 24 28	21°57'21"	18°34'	10°30'	24°43'	2°49'	12°13'	19°46'	11°8'	9°30'	5°48'	14°50'	13°39'	29°18'	7°34'	S 11
S 12	9 28 24	22°58'14"	1°II22	9°40'	25°58'	3°31'	12°25'	19°53'	11°8'	9°31'	5°47'	14°46'	13°35'	29°24'	7°38'	S 12
M13	9 32 21	23°59'06"	13°49'	8°58'	27°14'	4°12'	12°36'	20°0'	11°8'	9°32'	5°45'	14°44'	13°32'	29°31'	7°42'	M13
T 14	9 36 17	24°59'58"	25°58'	8°24'	28°29'	4°54'	12°48'	20°7'	11°7'	9°33'	5°44'	14°D43	13°29'	29°38'	7°46'	T 14
W15	9 40 14	26°0'48"	7°25'55"	7°59'	29°44'	5°35'	13°1'	20°14'	11°7'	9°34'	5°42'	14°44'	13°26'	29°44'	7°50'	W15
T 16	9 44 10	27°1'39"	19°44'	7°43'	0°28'59"	6°17'	13°13'	20°21'	11°7'	9°35'	5°41'	14°45'	13°23'	29°51'	7°55'	T 16
F 17	9 48 7	28°2'28"	1°23'1	7°35'	2°15'	6°58'	13°25'	20°28'	11°7'	9°35'	5°39'	14°47'	13°20'	29°58'	7°59'	F 17
S 18	9 52 3	29°3'16"	13°20'	7°D34	3°30'	7°40'	13°37'	20°36'	11°D 7	9°36'	5°38'	14°R48	13°16'	0°23'4"	8°3'	S 18
S 19	9 56 0	0°28'40"	25°16'	7°41'	4°45'	8°21'	13°50'	20°43'	11°7'	9°37'	5°36'	14°47'	13°13'	0°11'	8°7'	S 19
M20	9 59 57	1°4'50"	7°23'3"	7°54'	6°1'	9°3'	14°2'	20°50'	11°7'	9°39'	5°35'	14°45'	13°10'	0°18'	8°11'	M20
T 21	10 3 53	2°5'35"	19°42'	8°14'	7°16'	9°45'	14°15'	20°57'	11°7'	9°40'	5°33'	14°40'	13°7'	0°24'	8°16'	T 21
W22	10 7 50	3°6'18"	2°28'15"	8°40'	8°31'	10°26'	14°27'	21°4'	11°7'	9°41'	5°32'	14°33'	13°4'	0°31'	8°20'	W22
T 23	10 11 46	4°7'01"	15°3'	9°10'	9°46'	11°8'	14°40'	21°11'	11°8'	9°42'	5°31'	14°24'	13°1'	0°38'	8°24'	T 23
F 24	10 15 43	5°7'42"	28°5'	9°46'	11°2'	11°50'	14°53'	21°18'	11°8'	9°43'	5°29'	14°14'	12°57'	0°44'	8°28'	F 24
S 25	10 19 39	6°8'22"	11°V21	10°26'	12°17'	12°31'	15°6'	21°25'	11°8'	9°44'	5°28'	14°5'	12°54'	0°51'	8°33'	S 25
S 26	10 23 36	7°9'00"	24°48'	11°11'	13°32'	13°13'	15°19'	21°32'	11°9'	9°45'	5°26'	13°57'	12°51'	0°57'	8°37'	S 26
M27	10 27 32	8°9'37"	8°28'26"	11°59'	14°47'	13°55'	15°32'	21°39'	11°9'	9°47'	5°25'	13°51'	12°48'	1°4'	8°41'	M27
T 28	10 31 29	9°10'12"	22°28'13"	12°25'1	16°28'2	14°23'37"	15°V45	21°28'46"	11°II10	9°28'48"	5°II23	13°28'47"	12°28'45"	1°28'11"	8°48'45"	T 28

Day	☉	☾	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	17s11	22n57	4n 0	11s55	2n24	18s 9	1s 6	23s23	0s 6	3n 0	1s10	15s55	0s45	21n59	0s 3	12n58	1s41	18n56	10n25	22s29	22s36	24s45	4s 8	5n10	
T 2	16 54	24 51	3 3	11 57	2 40	17 49	1 8	23 25	0 7	3 5	1 9	15 53	0 45	21 59	0 3	12 58	1 41	18 56	10 25	22 29	22 36	24 45	4 7	5 10	
F 3	16 37	25 6	1 53	12 2	2 55	17 29	1 9	23 27	0 7	3 9	1 9	15 50	0 45	21 59	0 3	12 59	1 41	18 57	10 26	22 29	22 37	24 44	4 6	5 10	
S 4	16 19	23 38	0 35	12 11	3 7	17 8	1 11	23 28	0 8	3 14	1 9	15 48	0 45	21 59	0 3	12 59	1 41	18 58	10 26	22 29	22 37	24 43	4 4	5 10	
S 5	16 1	20 31	0s46	12 23	3 18	16 46	1 12	23 29	0 9	3 18	1 9	15 46	0 45	21 59	0 3	12 59	1 41	18 58	10 26	22 29	22 37	24 42	4 3	5 10	
M 6	15 43	16 4	2 4	12 38	3 26	16 24	1 13	23 31	0 10	3 23	1 9	15 44	0 45	21 59	0 3	12 59	1 41	18 59	10 26	22 29	22 38	24 42	4 2	5 9	
T 7	15 25	10 42	3 13	12 55	3 31	16 2	1 15	23 31	0 10	3 27	1 9	15 42	0 45	21 59	0 3	13 0	1 41	19 0	10 26	22 29	22 38	24 41	4 0	5 9	
W 8	15 6	4 50	4 8	13 13	3 34	15 39	1 16	23 32	0 11	3 32	1 8	15 40	0 45	21 59	0 3	13 0	1 41	19 0	10 26	22 30	22 38	24 40	3 59	5 9	
T 9	14 47	1s 6	4 46	13 32	3 35	15 16	1 17	23 32	0 12	3 37	1 8	15 37	0 45	21 59	0 3	13 0	1 41	19 1	10 27	22 30	22 39	24 39	3 58	5 9	
F 10	14 28	6 49	5 7	13 52	3 33	14 53	1 18	23 33	0 13	3 41	1 8	15 35	0 45	21 59	0 3	13 0	1 41	19 2	10 27	22 31	22 39	24 38	3 56	5 9	
S 11	14 8	12 2	5 11	14 11	3 29	14 29	1 19	23 33	0 14	3 46	1 8	15 33	0 45	21 59	0 3	13 1	1 41	19 3	10 27	22 32	22 39	24 38	3 55	5 9	
S 12	13 49	16 34	4 59	14 30	3 23	14 4	1 20	23 32	0 14	3 51	1 8	15 31	0 45	21 58	0 3	13 1	1 41	19 3	10 27	22 32	22 39	24 37	3 54	5 9	
M13	13 29	20 16	4 33	14 48	3 16	13 39	1 21	23 32	0 15	3 55	1 8	15 29	0 45	21 58	0 3	13 1	1 40	19 4	10 27	22 32	22 40	24 36	3 52	5 8	
T 14	13 8	22 58	3 55	15 4	3 7	13 14	1 22	23 31	0 16	4 0	1 7	15 27	0 46	21 58	0 3	13 2	1 40	19 5	10 27	22 32	22 40	24 35	3 51	5 8	
W15	12 48	24 37	3 7	15 20	2 58	12 49	1 23	23 31	0 17	4 5	1 7	15 24	0 46	21 58	0 3	13 2	1 40	19 5	10 27	22 32	22 40	24 34	3 49	5 8	
T 16	12 27	25 9	2 12	15 34	2 47	12 23	1 23	23 30	0 18	4 10	1 7	15 22	0 46	21 58	0 3	13 2	1 40	19 6	10 28	22 32	22 41	24 33	3 48	5 8	
F 17	12 7	24 32	1 12	15 47	2 36	11 57	1 24	23 28	0 18	4 15	1 7	15 20	0 46	21 58	0 3	13 3	1 40	19 7	10 28	22 32	22 41	24 33	3 47	5 8	
S 18	11 46	22 49	0 8	15 59	2 24	11 30	1 25	23 27	0 19	4 20	1 7	15 18	0 46	21 58	0 3	13 3	1 40	19 7	10 28	22 32	22 41	24 32	3 45	5 8	
S 19	11 24	20 5	0n56	16 9	2 13	11 3	1 25	23 25	0 20	4 25	1 7	15 16	0 46	21 58	0 3	13 3	1 40	19 8	10 28	22 32	22 42	24 31	3 44	5 8	
M20	11 3	16 26	1 59	16 17	2 0	10 36	1 26	23 23	0 21	4 30	1 7	15 13	0 46	21 58	0 3	13 4	1 40	19 9	10 28	22 32	22 42	24 30	3 42	5 8	
T 21	10 41	12 3	2 57	16 24	1 48	10 9	1 26	23 21	0 22	4 35	1 6	15 11	0 46	21 59	0 3	13 4	1 40	19 9	10 28	22 33	22 42	24 29	3 41	5 8	
W22	10 20	7 5	3 48	16 29	1 36	9 41	1 26	23 19	0 22	4 39	1 6	15 9	0 46	21 59	0 3	13 5	1 40	19 10	10 28	22 34	22 43	24 28	3 39	5 7	
T 23	9 58	1 45	4 28	16 32	1 24	9 13	1 27	23 16	0 23	4 45	1 6	15 7	0 46	21 59	0 3	13 5	1 40	19 10	10 28	22 34	22 43	24 27	3 38	5 7	
F 24	9 36	3n45	4 54	16 35	1 12	8 45	1 27	23 14	0 24	4 50	1 6	15 5	0 46	21 59	0 3	13 5	1 40	19 11	10 28	22 35	22 43	24 26	3 36	5 7	
S 25	9 14	9 10	5 6	16 35	1 0	8 16	1 27	23 11	0 25	4 55	1 6	15 3	0 46	21 59	0 3	13 6	1 40	19 12	10 28	22 36	22 44	24 25	3 35	5 7	
S 26	8 51	14 14	5 1	16 34	0 49	7 48	1 27	23 8	0 26	5 0	1 6	15 0	0 46	21 59	0 3	13 6	1 40	19 12	10 29	22 37	22 44	24 25	3 33	5 7	
M27	8 29	18 40	4 39	16 32	0 38	7 19	1 27	23 4	0 27	5 5	1 6	14 58	0 47	21 59	0 3	13 7	1 40	19 13	10 29	22 38	22 44	24 24	3 32	5 7	
T 28	8s 6	22n 8	4n 1	16s28	0n27	6s50	1s27	23s 1	0s28	5n10	1s 6	14s56	0s47	21n59	0s 3	13n 7	1s40	19n14	10n29	22s38	22s44	24s23	3s30	5n 7	

Julian Day Number = 2706880.5, Delta T = 27m10s

Ecliptic obliquity = 23°20'57", Nutation = 0°00'18"

Ayanamsha: Fagan/Bradley = 34°31'13", Lahiri = 33°38'13"

## ASTRODIENST EPHEMERIS for the year 2699

MARCH 2699

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	10 35 26	10°14'50"	6°11' 8	13°46' 17	17°17' 18	15°18' 18	15°58' 58	21°53' 53	11°10' 10	9°49' 49	5°22' 22	13°46' 46	12°34' 34	1°17' 17	8°50' 50	W 1
T 2	10 39 22	11°11'17"	20°12' 2	14°44' 18	18°33' 33	16°00' 00	16°11' 11	22°00' 00	11°11' 11	9°51' 51	5°19' 19	13°46' 46	12°38' 38	1°24' 24	8°54' 54	T 2
F 3	10 43 19	12°11'46"	4°23' 23	15°44' 44	19°48' 48	16°42' 42	16°24' 24	22°00' 00	11°11' 11	9°52' 52	5°19' 19	13°47' 47	12°35' 35	1°31' 31	8°58' 58	F 3
S 4	10 47 15	13°12'14"	18°41' 1	16°47' 47	21°03' 03	17°24' 24	16°38' 38	22°13' 13	11°12' 12	9°54' 54	5°17' 17	13°47' 47	12°32' 32	1°37' 37	9°02' 02	S 4
S 5	10 51 12	14°12'40"	3°02' 2	17°53' 53	22°18' 18	18°06' 06	16°51' 51	22°20' 20	11°13' 13	9°55' 55	5°16' 16	13°46' 46	12°29' 29	1°44' 44	9°06' 06	S 5
M 6	10 55 08	15°13'05"	17°23' 3	19°01' 01	23°33' 33	18°48' 48	17°05' 05	22°27' 27	11°14' 14	9°56' 56	5°14' 14	13°42' 42	12°26' 26	1°51' 51	9°11' 11	M 6
T 7	10 59 05	16°13'27"	1°09' 39	20°11' 11	24°48' 48	19°29' 29	17°18' 18	22°34' 34	11°15' 15	9°58' 58	5°13' 13	13°35' 35	12°22' 22	1°57' 57	9°15' 15	T 7
W 8	11 03 01	17°13'48"	15°45' 5	21°22' 22	26°03' 03	20°11' 11	17°32' 32	22°41' 41	11°16' 16	9°59' 59	5°11' 11	13°26' 26	12°19' 19	2°04' 04	9°19' 19	W 8
T 9	11 06 58	18°14'07"	29°37' 7	22°36' 36	27°18' 18	20°53' 53	17°45' 45	22°47' 47	11°17' 17	10°01' 01	5°10' 10	13°15' 15	12°16' 16	2°11' 11	9°23' 23	T 9
F 10	11 10 54	19°14'25"	13°10' 10	23°51' 51	28°33' 33	21°35' 35	17°59' 59	22°54' 54	11°18' 18	10°03' 03	5°08' 08	13°03' 03	12°13' 13	2°17' 17	9°28' 28	F 10
S 11	11 14 51	20°14'41"	26°20' 4	25°08' 08	29°48' 48	22°17' 17	18°12' 12	23°01' 01	11°19' 19	10°04' 04	5°07' 07	12°53' 53	12°10' 10	2°24' 24	9°32' 32	S 11
S 12	11 18 48	21°14'55"	9°09' 9	26°27' 27	1°09' 09	22°59' 59	18°26' 26	23°07' 07	11°20' 20	10°06' 06	5°06' 06	12°44' 44	12°07' 07	2°31' 31	9°36' 36	S 12
M13	11 22 44	22°15'08"	21°38' 8	27°47' 47	2°18' 18	23°41' 41	18°40' 40	23°14' 14	11°21' 21	10°07' 07	5°04' 04	12°37' 37	12°03' 03	2°37' 37	9°40' 40	M13
T 14	11 26 41	23°15'20"	3°17' 17	29°09' 09	3°32' 32	24°23' 23	18°54' 54	23°20' 20	11°22' 22	10°09' 09	5°03' 03	12°33' 33	12°00' 00	2°44' 44	9°44' 44	T 14
W15	11 30 37	24°15'30"	15°47' 7	0°32' 32	4°47' 47	25°05' 05	19°08' 08	23°27' 27	11°24' 24	10°11' 11	5°01' 01	12°31' 31	11°57' 57	2°50' 50	9°48' 48	W15
T 16	11 34 34	25°15'39"	27°37' 7	1°56' 56	6°02' 02	25°47' 47	19°22' 22	23°33' 33	11°25' 25	10°12' 12	5°00' 00	12°D31' 31	11°54' 54	2°57' 57	9°52' 52	T 16
F 17	11 38 30	26°15'46"	9°32' 32	3°21' 21	7°17' 17	26°30' 30	19°36' 36	23°40' 40	11°26' 26	10°14' 14	4°59' 59	12°R31' 31	11°51' 51	3°04' 04	9°57' 57	F 17
S 18	11 42 27	27°15'51"	21°15' 5	4°48' 48	8°32' 32	27°12' 12	19°49' 49	23°46' 46	11°28' 28	10°16' 16	4°57' 57	12°31' 31	11°47' 47	3°10' 10	10°01' 01	S 18
S 19	11 46 23	28°15'55"	3°14' 14	6°17' 17	9°47' 47	27°54' 54	20°04' 04	23°52' 52	11°29' 29	10°18' 18	4°56' 56	12°29' 29	11°44' 44	3°17' 17	10°05' 05	S 19
M20	11 50 20	29°15'58"	15°26' 6	7°46' 46	11°01' 01	28°36' 36	20°18' 18	23°59' 59	11°31' 31	10°19' 19	4°55' 55	12°25' 25	11°41' 41	3°24' 24	10°09' 09	M20
T 21	11 54 17	0°15'58"	27°55' 5	9°17' 17	12°16' 16	29°18' 18	20°32' 32	24°05' 05	11°32' 32	10°21' 21	4°53' 53	12°18' 18	11°38' 38	3°30' 30	10°13' 13	T 21
W22	11 58 13	1°15'57"	10°42' 10	10°48' 48	13°31' 31	0°00' 00	20°46' 46	24°11' 11	11°34' 34	10°23' 23	4°52' 52	12°08' 08	11°35' 35	3°37' 37	10°17' 17	W22
T 23	12 02 10	2°15'54"	23°49' 9	12°21' 21	14°45' 45	0°43' 43	21°00' 00	24°17' 17	11°36' 36	10°25' 25	4°51' 51	11°56' 56	11°32' 32	3°44' 44	10°21' 21	T 23
F 24	12 06 06	3°15'50"	7°14' 14	13°56' 56	16°00' 00	1°25' 25	21°14' 14	24°24' 24	11°37' 37	10°27' 27	4°49' 49	11°43' 43	11°28' 28	3°50' 50	10°25' 25	F 24
S 25	12 10 03	4°15'43"	20°55' 5	15°31' 31	17°15' 15	2°07' 07	21°28' 28	24°30' 30	11°39' 39	10°29' 29	4°48' 48	11°31' 31	11°25' 25	3°57' 57	10°29' 29	S 25
S 26	12 13 59	5°15'35"	4°48' 48	17°08' 08	18°29' 29	2°49' 49	21°43' 43	24°36' 36	11°41' 41	10°31' 31	4°47' 47	11°19' 19	11°22' 22	4°04' 04	10°33' 33	S 26
M27	12 17 56	6°15'24"	18°50' 18	18°46' 46	19°44' 44	3°32' 32	21°57' 57	24°42' 42	11°43' 43	10°33' 33	4°46' 46	11°11' 11	11°19' 19	4°10' 10	10°37' 37	M27
T 28	12 21 52	7°15'12"	2°15' 15	20°25' 25	20°58' 58	4°14' 14	22°11' 11	24°48' 48	11°45' 45	10°35' 35	4°44' 44	11°05' 05	11°16' 16	4°17' 17	10°40' 40	T 28
W29	12 25 49	8°14'57"	17°04' 4	22°05' 05	22°13' 13	4°56' 56	22°26' 26	24°53' 53	11°46' 46	10°37' 37	4°43' 43	11°02' 02	11°12' 12	4°23' 23	10°44' 44	W29
T 30	12 29 46	9°14'40"	1°14' 14	23°46' 46	23°27' 27	5°39' 39	22°40' 40	24°59' 59	11°48' 48	10°39' 39	4°42' 42	11°01' 01	11°09' 09	4°30' 30	10°48' 48	T 30
F 31	12 33 42	10°14'21"	15°17' 15	25°39' 39	24°42' 42	6°21' 21	22°54' 54	25°05' 05	11°50' 50	10°41' 41	4°41' 41	11°03' 03	11°06' 06	4°37' 37	10°52' 52	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	7s43	24n20	3n 8	16s23	0n16	6s20	1s27	22s57	0s29	5n15	1s 5	14s54	0s47	21n59	0s 3	13n 8
T 2	7 21	25 2	2 3	16 16	0 6	5 51	1 27	22 53	0 29	5 20	1 5	14 52	0 47	21 59	0 3	13 8
F 3	6 58	24 7	0 50	16 8	0s 4	5 22	1 27	22 49	0 30	5 25	1 5	14 50	0 47	21 59	0 3	13 9
S 4	6 35	21 37	0s26	15 58	0 14	4 52	1 27	22 44	0 31	5 31	1 5	14 48	0 47	21 59	0 3	13 9
S 5	6 11	17 46	1 41	15 47	0 24	4 22	1 26	22 40	0 32	5 36	1 5	14 45	0 47	21 59	0 3	13 10
M 6	5 48	12 53	2 49	15 35	0 33	3 52	1 26	22 35	0 33	5 41	1 5	14 43	0 47	22 0	0 3	13 10
T 7	5 25	7 19	3 46	15 21	0 41	3 22	1 25	22 30	0 34	5 46	1 5	14 41	0 47	22 0	0 3	13 11
W 8	5 2	1 28	4 29	15 7	0 50	2 52	1 25	22 25	0 35	5 51	1 5	14 39	0 47	22 0	0 3	13 11
T 9	4 38	4s21	4 55	14 50	0 58	2 22	1 24	22 19	0 36	5 57	1 5	14 37	0 48	22 0	0 3	13 12
F 10	4 15	9 50	5 3	14 33	1 5	1 51	1 24	22 14	0 37	6 2	1 4	14 35	0 48	22 0	0 3	13 12
S 11	3 51	14 42	4 55	14 14	1 13	1 21	1 23	22 8	0 38	6 7	1 4	14 33	0 48	22 0	0 3	13 13
S 12	3 27	18 47	4 32	13 54	1 20	0 50	1 22	22 2	0 39	6 13	1 4	14 31	0 48	22 0	0 3	13 13
M13	3 4	21 54	3 56	13 33	1 26	0 20	1 21	21 56	0 39	6 18	1 4	14 29	0 48	22 1	0 3	13 14
T 14	2 40	23 57	3 11	13 10	1 32	0n10	1 20	21 49	0 40	6 23	1 4	14 27	0 48	22 1	0 3	13 14
W15	2 16	24 52	2 17	12 47	1 38	0 41	1 19	21 43	0 41	6 28	1 4	14 25	0 48	22 1	0 3	13 15
T 16	1 53	24 38	1 18	12 22	1 44	1 11	1 18	21 36	0 42	6 34	1 4	14 23	0 48	22 1	0 3	13 15
F 17	1 29	23 17	0 17	11 55	1 49	1 42	1 17	21 29	0 43	6 39	1 4	14 21	0 48	22 1	0 3	13 16
S 18	1 5	20 55	0n46	11 28	1 53	2 12	1 16	21 22	0 44	6 44	1 4	14 19	0 48	22 2	0 3	13 17
S 19	0 41	17 37	1 48	11 0	1 57	2 43	1 15	21 15	0 45	6 50	1 4	14 17	0 49	22 2	0 3	13 17
M20	0 17	13 31	2 45	10 30	2 1	3 13	1 13	21 7	0 46	6 55	1 4	14 15	0 49	22 2	0 3	13 18
T 21	0n 6	8 46	3 36	9 59	2 5	3 43	1 12	20 59	0 47	7 0	1 4	14 13	0 49	22 2	0 3	13 18
W22	0 30	3 33	4 17	9 28	2 8	4 14	1 11	20 51	0 48	7 6	1 3	14 11	0 49	22 3	0 3	13 19
T 23	0 54	1n56	4 46	8 55	2 11	4 44	1 9	20 43	0 49	7 11	1 3	14 9	0 49	22 3	0 3	13 20
F 24	1 18	7 27	5 0	8 21	2 13	5 14	1 8	20 35	0 50	7 16	1 3	14 7	0 49	22 3	0 3	13 20
S 25	1 41	12 43	4 57	7 45	2 15	5 44	1 6	20 27	0 51	7 22	1 3	14 5	0 49	22 3	0 3	13 21
S 26	2 5	17 24	4 36	7 9	2 16	6 14	1 4	20 18	0 52	7 27	1 3	14 3	0 49	22 3	0 3	13 21
M27	2 29	21 11	3 59	6 32	2 17	6 43	1 3	20 9	0 53	7 33	1 3	14 1	0 49	22 4	0 3	13 22
T 28	2 52	23 43	3 7	5 54	2 17	7 13	1 1	20 0	0 54	7 38	1 3	13 59	0 50	22 4	0 3	13 23
W29	3 16	24 46	2 3	5 14	2 17	7 42	0 59	19 51	0 55	7 43	1 3	13 57	0 50	22 4	0 3	13 23
T 30	3 39	24 12	0 52	4 34	2 17	8 11	0 57	19 42	0 56	7 49	1 3	13 56	0 50	22 5	0 3	13 24
F 31	4n 2	22n 6	0s23	3s52	2s16	8n40	0s56	19s32	0s57	7n54	1s 3	13s54	0s50	22n 5	0s 3	13n25

## ASTRODIENST EPHEMERIS for the year 2699

APRIL 2699

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 37 39	11°13'59	29°20	27°13	25°56	7°3	23°9	25°11	11°53	10°43	4°R40	11°R 0	11°3	4°343	10°56	S 1
S 2	12 41 35	12°13'35	13°20	28°58	27°11	7°45	23°23	25°16	11°55	10°45	4°39	10°358	11° 0	4°50	11° 0	S 2
M 3	12 45 32	13°13'09	27°15	0°45	28°25	8°28	23°37	25°22	11°57	10°47	4°37	10°53	10°57	4°57	11° 3	M 3
T 4	12 49 28	14°12'41	11°10	2°32	29°40	9°10	23°52	25°27	11°59	10°49	4°36	10°45	10°53	5° 3	11° 7	T 4
W 5	12 53 25	15°12'10	24°45	4°21	0°54	9°53	24° 6	25°33	12° 1	10°51	4°35	10°35	10°50	5°10	11°11	W 5
T 6	12 57 21	16°11'37	8°14	6°12	2° 8	10°35	24°21	25°38	12° 3	10°53	4°34	10°22	10°47	5°17	11°14	T 6
F 7	13 1 18	17°11'03	21°28	8° 3	3°22	11°17	24°35	25°44	12° 6	10°55	4°33	10° 9	10°44	5°23	11°18	F 7
S 8	13 5 15	18°10'26	4°25	9°56	4°37	12° 0	24°50	25°49	12° 8	10°57	4°32	9°57	10°41	5°30	11°21	S 8
S 9	13 9 11	19° 9'47	17° 6	11°51	5°51	12°42	25° 4	25°54	12°10	10°59	4°31	9°46	10°38	5°37	11°25	S 9
M10	13 13 8	20° 9'07	29°29	13°46	7° 5	13°25	25°19	25°59	12°13	11° 1	4°30	9°37	10°34	5°43	11°29	M10
T 11	13 17 4	21° 8'25	11°38	15°43	8°19	14° 7	25°33	26° 4	12°15	11° 3	4°29	9°32	10°31	5°50	11°32	T 11
W12	13 21 1	22° 7'41	23°36	17°41	9°33	14°50	25°48	26° 9	12°18	11° 6	4°28	9°29	10°28	5°57	11°35	W12
T 13	13 24 57	23° 6'55	5°36	19°40	10°47	15°32	26° 2	26°14	12°20	11° 8	4°27	9°D28	10°25	6° 3	11°39	T 13
F 14	13 28 54	24° 6'08	17°14	21°41	12° 1	16°15	26°17	26°19	12°23	11°10	4°27	9°28	10°22	6°10	11°42	F 14
S 15	13 32 50	25° 5'19	29° 5	23°43	13°15	16°57	26°31	26°24	12°26	11°12	4°26	9°R28	10°18	6°16	11°46	S 15
S 16	13 36 47	26° 4'28	11°3	25°45	14°29	17°40	26°46	26°29	12°28	11°14	4°25	9°27	10°15	6°23	11°49	S 16
M17	13 40 44	27° 3'35	23°18	27°49	15°43	18°22	27° 0	26°33	12°31	11°17	4°24	9°24	10°12	6°30	11°52	M17
T 18	13 44 30	28° 2'40	5°50	29°53	16°57	19° 5	27°15	26°38	12°34	11°19	4°23	9°19	10° 9	6°36	11°55	T 18
W19	13 48 37	29° 1'44	18°44	1°58	18°11	19°47	27°30	26°43	12°36	11°21	4°23	9°11	10° 6	6°43	11°59	W19
T 20	13 52 33	0° 0'46	2°Y 2	4° 3	19°25	20°30	27°44	26°47	12°39	11°23	4°22	9° 1	10° 3	6°50	12° 2	T 20
F 21	13 56 30	0°59'46	15°43	6° 9	20°39	21°12	27°59	26°51	12°42	11°25	4°21	8°50	9°59	6°56	12° 5	F 21
S 22	14 0 26	1°58'44	29°45	8°14	21°53	21°55	28°13	26°56	12°45	11°28	4°20	8°39	9°56	7° 3	12° 8	S 22
S 23	14 4 23	2°57'40	14°3	10°19	23° 6	22°37	28°28	27° 0	12°48	11°30	4°20	8°29	9°53	7°10	12°11	S 23
M24	14 8 19	3°56'34	28°31	12°23	24°20	23°20	28°42	27° 4	12°50	11°32	4°19	8°21	9°50	7°16	12°14	M24
T 25	14 12 16	4°55'27	13°3	14°27	25°34	24° 2	28°57	27° 8	12°53	11°34	4°19	8°17	9°47	7°23	12°17	T 25
W26	14 16 12	5°54'17	27°33	16°29	26°47	24°45	29°11	27°12	12°56	11°37	4°18	8°14	9°44	7°30	12°20	W26
T 27	14 20 9	6°53'05	11°56	18°30	28° 1	25°27	29°26	27°16	12°59	11°39	4°17	8°D14	9°40	7°36	12°23	T 27
F 28	14 24 6	7°51'50	26°10	20°28	29°15	26°10	29°40	27°20	13° 2	11°41	4°17	8°14	9°37	7°43	12°25	F 28
S 29	14 28 2	8°50'34	10°13	22°24	0°II28	26°52	29°54	27°24	13° 5	11°44	4°16	8°R15	9°34	7°49	12°28	S 29
S 30	14 31 59	9°49'15	24°4	24°18	1°II42	27°35	0°8 9	27°27	13°II 8	11°46	4°16	8°314	9°31	7°56	12°31	S 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	4n26	18n40	1s35	3s10	2s15	9n 9	0s54	19s23	0s58	7n59	1s 3	13s52	0s50	22n 5	0s 3	13n25	1s38
S 2	4 49	14 10	2 42	2 27	2 13	9 38	0 52	19 13	0 59	8 5	1 3	13 50	0 50	22 5	0 3	13 26	1 38
M 3	5 12	8 57	3 38	1 43	2 11	10 6	0 50	19 3	1 0	8 10	1 3	13 48	0 50	22 6	0 3	13 27	1 38
T 4	5 35	3 21	4 22	0 57	2 8	10 34	0 48	18 53	1 1	8 15	1 3	13 47	0 50	22 6	0 3	13 27	1 38
W 5	5 58	2s21	4 49	0 11	2 5	11 2	0 46	18 43	1 2	8 21	1 3	13 45	0 51	22 6	0 3	13 28	1 38
T 6	6 21	7 51	5 0	0n36	2 1	11 29	0 43	18 32	1 3	8 26	1 3	13 43	0 51	22 7	0 2	13 29	1 38
F 7	6 43	12 53	4 55	1 23	1 57	11 57	0 41	18 22	1 5	8 31	1 3	13 42	0 51	22 7	0 2	13 29	1 38
S 8	7 6	17 14	4 34	2 12	1 52	12 24	0 39	18 11	1 6	8 37	1 3	13 40	0 51	22 7	0 2	13 30	1 38
S 9	7 29	20 42	4 0	3 1	1 47	12 51	0 37	18 0	1 7	8 42	1 3	13 38	0 51	22 8	0 2	13 31	1 38
M10	7 51	23 8	3 15	3 51	1 41	13 17	0 34	17 49	1 8	8 47	1 2	13 37	0 51	22 8	0 2	13 31	1 38
T 11	8 13	24 26	2 22	4 42	1 35	13 43	0 32	17 38	1 9	8 52	1 2	13 35	0 51	22 8	0 2	13 32	1 38
W12	8 35	24 35	1 23	5 33	1 28	14 9	0 30	17 26	1 10	8 58	1 2	13 34	0 52	22 9	0 2	13 33	1 38
T 13	8 57	23 36	0 21	6 25	1 21	14 34	0 27	17 15	1 11	9 3	1 2	13 32	0 52	22 9	0 2	13 33	1 38
F 14	9 19	21 34	0n41	7 17	1 13	14 59	0 25	17 3	1 12	9 8	1 2	13 31	0 52	22 9	0 2	13 34	1 38
S 15	9 40	18 36	1 42	8 10	1 5	15 24	0 23	16 52	1 13	9 14	1 2	13 29	0 52	22 10	0 2	13 35	1 38
S 16	10 2	14 49	2 40	9 2	0 56	15 48	0 20	16 40	1 14	9 19	1 2	13 28	0 52	22 10	0 2	13 35	1 38
M17	10 23	10 23	3 31	9 55	0 47	16 12	0 18	16 28	1 15	9 24	1 2	13 26	0 52	22 10	0 2	13 36	1 38
T 18	10 44	5 25	4 13	10 48	0 38	16 36	0 15	16 15	1 16	9 29	1 2	13 25	0 52	22 11	0 2	13 37	1 38
W19	11 5	0 5	4 44	11 40	0 28	16 59	0 12	16 3	1 17	9 34	1 2	13 23	0 53	22 11	0 2	13 37	1 38
T 20	11 26	5n24	5 0	12 33	0 18	17 21	0 10	15 51	1 19	9 40	1 2	13 22	0 53	22 11	0 2	13 38	1 38
F 21	11 47	10 47	5 1	13 24	0 7	17 44	0 7	15 38	1 20	9 45	1 2	13 20	0 53	22 12	0 2	13 39	1 38
S 22	12 7	15 45	4 43	14 15	0n 3	18 5	0 5	15 26	1 21	9 50	1 2	13 19	0 53	22 12	0 2	13 39	1 38
S 23	12 27	19 55	4 7	15 5	0 14	18 27	0 2	15 13	1 22	9 55	1 2	13 18	0 53	22 12	0 2	13 40	1 38
M24	12 47	22 56	3 15	15 54	0 25	18 48	0n 1	15 0	1 23	10 0	1 2	13 17	0 53	22 13	0 2	13 41	1 38
T 25	13 7	24 26	2 10	16 42	0 36	19 8	0 3	14 47	1 24	10 5	1 2	13 15	0 53	22 13	0 2	13 42	1 38
W26	13 26	24 16	0 57	17 28	0 47	19 28	0 6	14 34	1 25	10 10	1 2	13 14	0 54	22 14	0 2	13 42	1 38
T 27	13 46	22 29	0s20	18 12	0 58	19 47	0 8	14 21	1 26	10 15	1 2	13 13	0 54	22 14	0 2	13 43	1 38
F 28	14 5	19 18	1 34	18 54	1 9	20 6	0 11	14 7	1 28	10 21	1 2	13 12	0 54	22 14	0 2	13 44	1 38
S 29	14 24	15 1	2 42	19 35	1 19	20 24	0 14	13 54	1 29	10 26	1 2	13 11	0 54	22 15	0 2	13 44	1 38
S 30	14n42	9n59	3s40	20n13	1n29	20n42	0n16	13s40	1s30	10n31	1s 2	13s 9	0s54	22n15	0s 2	13n45	1s38

Julian Day Number = 2706939.5, Delta T = 27m11s

Ecliptic obliquity = 23°20'57", Nutation = 0°00'17"

Ayanamsha: Fagan/Bradley = 34°31'21", Lahiri = 33°38'21"



## ASTRODIENST EPHEMERIS for the year 2699

JUNE 2699

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 38 9	10 <sup>11</sup> 51'39	27 <sup>12</sup> 17	16°R34	10 <sup>12</sup> 33	20 <sup>13</sup> 7	7 <sup>14</sup> 35	28 <sup>15</sup> 38	14 <sup>16</sup> 55	12 <sup>17</sup> 56	4 <sup>18</sup> 16	6°R35	7 <sup>19</sup> 49	11 <sup>20</sup> 29	13 <sup>21</sup> 30	T 1
F 2	16 42 5	11°49'24	9 <sup>10</sup> 50	16 <sup>11</sup> 3	11°45	20°49	7°48	28°39	14°59	12°58	4°16	6°31	7°46	11°35	13°31	F 2
S 3	16 46 2	12°47'08	22°11	15°31	12°57	21°31	8°1	28°39	15°2	13°0	4°17	6°27	7°43	11°42	13°32	S 3
S 4	16 49 58	13°44'51	4 <sup>5</sup> 21	14°57	14°9	22°13	8°14	28°40	15°6	13°2	4°17	6°24	7°40	11°49	13°33	S 4
M 5	16 53 55	14°42'32	16°23	14°23	15°21	22°54	8°27	28°40	15°9	13°4	4°18	6°22	7°36	11°55	13°34	M 5
T 6	16 57 51	15°40'12	28°18	13°49	16°33	23°36	8°40	28°40	15°13	13°6	4°19	6°21	7°33	12°2	13°35	T 6
W 7	17 1 148	16°37'50	10 <sup>11</sup> 8	13°16	17°45	24°18	8°53	28°40	15°16	13°8	4°19	6°D20	7°30	12°9	13°35	W 7
T 8	17 5 44	17°35'28	21°55	12°43	18°57	24°59	9°6	28°R40	15°20	13°10	4°20	6°21	7°27	12°15	13°36	T 8
F 9	17 9 41	18°33'05	3 <sup>4</sup> 44	12°12	20°9	25°41	9°19	28°40	15°23	13°12	4°21	6°22	7°24	12°22	13°36	F 9
S 10	17 13 38	19°30'40	15°36	11°44	21°20	26°22	9°32	28°40	15°27	13°14	4°21	6°24	7°21	12°29	13°37	S 10
S 11	17 17 34	20°28'15	27°37	11°18	22°32	27°3	9°44	28°40	15°30	13°16	4°22	6°25	7°17	12°35	13°37	S 11
M12	17 21 31	21°25'48	9 <sup>10</sup> 49	10°55	23°43	27°45	9°57	28°40	15°34	13°18	4°23	6°26	7°14	12°42	13°37	M12
T 13	17 25 27	22°23'21	22°19	10°36	24°55	28°26	10°9	28°39	15°37	13°20	4°23	6°R26	7°11	12°48	13°38	T 13
W14	17 29 24	23°20'54	5 <sup>6</sup> 10	10°21	26°6	29°7	10°22	28°39	15°41	13°22	4°24	6°26	7°8	12°55	13°38	W14
T 15	17 33 20	24°18'25	18°25	10°9	27°18	29°48	10°34	28°38	15°44	13°23	4°25	6°25	7°5	13°2	13°38	T 15
F 16	17 37 17	25°15'56	2 <sup>3</sup> 7	10°2	28°29	0 <sup>1</sup> 29	10°47	28°37	15°48	13°25	4°26	6°24	7°1	13°8	13°38	F 16
S 17	17 41 13	26°13'26	16°16	9°D59	29°41	1°10	10°59	28°37	15°51	13°27	4°27	6°23	6°58	13°15	13°R38	S 17
S 18	17 45 10	27°10'55	0 <sup>1</sup> 49	10°0	0 <sup>1</sup> 52	1°51	11°11	28°36	15°55	13°29	4°28	6°22	6°55	13°22	13°38	S 18
M19	17 49 7	28°8'24	15°42	10°6	2°3	2°32	11°23	28°35	15°58	13°31	4°29	6°21	6°52	13°28	13°38	M19
T 20	17 53 3	29°5'52	0 <sup>1</sup> 47	10°16	3°14	3°13	11°35	28°33	16°1	13°32	4°30	6°D21	6°49	13°35	13°38	T 20
W21	17 57 0	0 <sup>1</sup> 31'19	15°56	10°31	4°25	3°53	11°47	28°32	16°5	13°34	4°31	6°21	6°46	13°42	13°38	W21
T 22	18 0 56	1°0'45	0 <sup>1</sup> 59	10°50	5°36	4°34	11°59	28°31	16°8	13°36	4°32	6°21	6°42	13°48	13°37	T 22
F 23	18 4 53	1°58'11	15°48	11°14	6°47	5°14	12°10	28°30	16°12	13°37	4°33	6°21	6°39	13°55	13°37	F 23
S 24	18 8 49	2°55'35	0 <sup>1</sup> 18	11°42	7°58	5°55	12°22	28°28	16°15	13°39	4°34	6°22	6°36	14°2	13°37	S 24
S 25	18 12 46	3°52'58	14°24	12°15	9°9	6°35	12°34	28°27	16°19	13°41	4°35	6°22	6°33	14°8	13°36	S 25
M26	18 16 42	4°50'20	28°5	12°51	10°20	7°15	12°45	28°25	16°22	13°42	4°36	6°22	6°30	14°15	13°36	M26
T 27	18 20 39	5°47'41	11 <sup>12</sup> 22	13°32	11°30	7°55	12°57	28°23	16°25	13°44	4°37	6°22	6°27	14°22	13°35	T 27
W28	18 24 36	6°45'01	24°18	14°17	12°41	8°35	13°8	28°21	16°29	13°45	4°38	6°22	6°23	14°28	13°35	W28
T 29	18 28 32	7°42'21	6 <sup>7</sup> 54	15°6	13°51	9°15	13°19	28°19	16°32	13°47	4°39	6°22	6°20	14°35	13°34	T 29
F 30	18 32 29	8 <sup>8</sup> 39'39	19 <sup>10</sup> 15	15 <sup>11</sup> 59	15 <sup>12</sup> 2	9 <sup>13</sup> 55	13 <sup>14</sup> 30	28 <sup>15</sup> 17	16 <sup>16</sup> 35	13 <sup>17</sup> 48	4 <sup>18</sup> 40	6 <sup>19</sup> 22	6 <sup>20</sup> 17	14 <sup>21</sup> 41	13 <sup>22</sup> 33	F 30

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	21n59	15s 2	4s54	21n58	0s43	24n28	1n33	5s50	2s 7	12n59	1s 3	12s50	0s59	22n28	0s 2	14n 6
F 2	22 7 18 51	4 23	21 37	1 1 24 24	1 35	5 35	2 8 13 3	1 3 12 50	1 0 22 28	0 2 14 6	1 38	19 26	10 16	23s11	23s 7	22s32
S 3	22 15 21 47	3 40	21 16	1 18 24 19	1 36	5 20	2 9 13 8	1 4 12 50	1 0 22 29	0 2 14 7	1 39	19 26	10 15	23 12 23	8 22 29	1 30 5 21
S 4	22 22 23 40	2 47	20 55	1 36 24 13	1 38	5 4	2 10 13 12	1 4 12 50	1 0 22 29	0 2 14 8	1 39	19 26	10 15	23 12 23	8 22 27	1 30 5 21
M 5	22 29 24 27	1 48	20 34	1 53 24 7	1 39	4 49	2 11 13 16	1 4 12 50	1 0 22 30	0 2 14 8	1 39	19 25	10 15	23 12 23	8 22 26	1 29 5 21
T 6	22 35 24 5	0 44	20 14	2 10 24 0	1 41	4 34	2 12 13 20	1 4 12 50	1 0 22 30	0 2 14 9	1 39	19 25	10 15	23 12 23	8 22 24	1 29 5 22
W 7	22 41 22 37	0n21	19 54	2 25 23 52	1 42	4 18	2 13 13 24	1 4 12 50	1 1 22 30	0 2 14 9	1 39	19 24	10 15	23 12 23	8 22 23	1 28 5 22
T 8	22 46 20 10	1 25	19 35	2 41 23 44	1 44	4 3	2 15 13 28	1 4 12 50	1 1 22 31	0 2 14 10	1 39	19 24	10 14	23 12 23	8 22 21	1 28 5 22
F 9	22 51 16 53	2 26	19 17	2 55 23 35	1 45	3 47	2 16 13 32	1 4 12 51	1 1 22 31	0 2 14 10	1 39	19 23	10 14	23 12 23	9 22 20	1 27 5 22
S 10	22 56 12 54	3 21	19 0	3 8 23 25	1 46	3 32	2 17 13 36	1 4 12 51	1 1 22 32	0 2 14 11	1 39	19 23	10 14	23 12 23	9 22 18	1 27 5 23
S 11	23 0 8 23	4 7	18 45	3 20 23 15	1 48	3 17	2 18 13 40	1 4 12 51	1 1 22 32	0 2 14 11	1 39	19 23	10 14	23 12 23	9 22 17	1 27 5 23
M12	23 4 3 28	4 44	18 31	3 31 23 3	1 49	3 1	2 19 13 44	1 4 12 51	1 1 22 32	0 2 14 12	1 39	19 22	10 13	23 12 23	9 22 15	1 26 5 23
T 13	23 8 1n41	5 8	18 19	3 40 22 52	1 50	2 46	2 20 13 47	1 4 12 52	1 2 22 33	0 2 14 13	1 39	19 22	10 13	23 12 23	9 22 14	1 26 5 23
W14	23 11 6 54	5 17	18 8	3 49 22 40	1 51	2 31	2 21 13 51	1 4 12 52	1 2 22 33	0 2 14 13	1 39	19 21	10 13	23 12 23	9 22 12	1 26 5 24
T 15	23 14 11 58	5 10	18 0	3 56 22 27	1 52	2 15	2 22 13 55	1 4 12 52	1 2 22 33	0 2 14 14	1 39	19 21	10 13	23 12 23	10 22 11	1 25 5 24
F 16	23 16 16 38	4 46	17 53	4 2 22 13	1 52	2 0	2 23 13 59	1 5 12 53	1 2 22 34	0 2 14 14	1 39	19 20	10 13	23 12 23	10 22 9	1 25 5 24
S 17	23 18 20 32	4 4	17 48	4 6 21 59	1 53	1 45	2 25 14 2	1 5 12 53	1 2 22 34	0 2 14 15	1 39	19 20	10 12	23 12 23	10 22 8	1 25 5 25
S 18	23 19 23 15	3 5	17 45	4 10 21 44	1 54	1 30	2 26 14 6	1 5 12 54	1 2 22 35	0 2 14 15	1 39	19 19	10 12	23 12 23	10 22 6	1 24 5 25
M19	23 20 24 27	1 52	17 43	4 12 21 29	1 54	1 15	2 27 14 10	1 5 12 54	1 3 22 35	0 2 14 15	1 39	19 19	10 12	23 12 23	10 22 5	1 24 5 25
T 20	23 21 23 52	0 31	17 44	4 13 21 13	1 55	0 59	2 28 14 13	1 5 12 55	1 3 22 35	0 2 14 16	1 39	19 18	10 12	23 12 23	10 22 3	1 24 5 25
W21	23 21 21 31	0s53	17 46	4 13 20 57	1 55	0 44	2 29 14 17	1 5 12 55	1 3 22 36	0 2 14 16	1 39	19 17	10 12	23 12 23	11 22 2	1 24 5 26
T 22	23 21 17 42	2 13	17 50	4 12 20 40	1 55	0 29	2 30 14 20	1 5 12 56	1 3 22 36	0 2 14 17	1 39	19 17	10 11	23 12 23	11 22 0	1 24 5 26
F 23	23 20 12 49	3 22	17 55	4 10 20 22	1 56	0 14	2 31 14 24	1 5 12 57	1 3 22 36	0 2 14 17	1 39	19 16	10 11	23 12 23	11 21 59	1 24 5 26
S 24	23 19 7 19	4 17	18 2	4 7 20 4	1 56	0n 1	2 32 14 27	1 5 12 57	1 3 22 37	0 2 14 18	1 39	19 16	10 11	23 12 23	11 21 57	1 23 5 26
S 25	23 18 1 35	4 55	18 10	4 3 19 46	1 56	0 15	2 33 14 31	1 6 12 58	1 4 22 37	0 2 14 18	1 39	19 15	10 11	23 12 23	11 21 55	1 23 5 27
M26	23 16 4s 3	5 15	18 19	3 58 19 27	1 56	0 30	2 34 14 34	1 6 12 59	1 4 22 37	0 2 14 19	1 39	19 15	10 11	23 12 23	11 21 54	1 23 5 27
T 27	23 13 9 20	5 17	18 30	3 52 19 7	1 56	0 45	2 35 14 37	1 6 12 59	1 4 22 38	0 2 14 19	1 39	19 14	10 11	23 12 23	12 21 52	1 23 5 27
W28	23 11 14 4	5 2	18 41	3 46 18 47	1 55	1 0	2 36 14 40	1 6 13 0	1 4 22 38	0 2 14 19	1 39	19 13	10 10	23 12 23	12 21 51	1 23 5 27
T 29	23 8 18 5	4 34	18 54	3 39 18 27	1 55	1 14	2 37 14 44	1 6 13 1	1 4 22 39	0 2 14 20	1 39	19 13	10 10	23 12 23	12 21 49	1 23 5 28
F 30	23n 4	21s13	3s53	19n 7	3s31	18n 6	1n55	1n29	2s38	14n47	1s 6	13s 2	1s 4	22n39	0s 2	14n20

Julian Day Number = 2707000.5, Delta T = 27m12s

Ecliptic obliquity = 23°20'55, Nutation = 0°00'16

Ayanamsha: Fagan/Bradley = 34°31'30, Lahiri = 33°38'30

## ASTRODIENST EPHEMERIS for the year 2699

JULY 2699

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 36 25	9 <sup>56</sup> 36'57	1 <sup>27</sup> 24	16 <sup>11</sup> 56	16 <sup>12</sup> 12	10 <sup>17</sup> 34	13 <sup>18</sup> 41	28 <sup>0</sup> R15	16 <sup>11</sup> 39	13 <sup>18</sup> 50	4 <sup>17</sup> 42	6 <sup>23</sup> 23	6 <sup>23</sup> 14	14 <sup>23</sup> 48	13 <sup>18</sup> R32	S 1
S 2	18 40 22	10 <sup>0</sup> 34'15	13 <sup>0</sup> 23	17 <sup>0</sup> 57	17 <sup>0</sup> 22	11 <sup>0</sup> 14	13 <sup>0</sup> 52	28 <sup>0</sup> 13	16 <sup>0</sup> 42	13 <sup>0</sup> 51	4 <sup>0</sup> 43	6 <sup>0</sup> 23	6 <sup>0</sup> 11	14 <sup>0</sup> 55	13 <sup>0</sup> 31	S 2
M 3	18 44 18	11 <sup>0</sup> 31'31	25 <sup>0</sup> 16	19 <sup>0</sup> 2	18 <sup>0</sup> 32	11 <sup>0</sup> 53	14 <sup>0</sup> 3	28 <sup>0</sup> 11	16 <sup>0</sup> 45	13 <sup>0</sup> 53	4 <sup>0</sup> 44	6 <sup>0</sup> 23	6 <sup>0</sup> 8	15 <sup>0</sup> 1	13 <sup>0</sup> 31	M 3
T 4	18 48 15	12 <sup>0</sup> 28'47	7 <sup>0</sup> 6	20 <sup>0</sup> 10	19 <sup>0</sup> 43	12 <sup>0</sup> 32	14 <sup>0</sup> 14	28 <sup>0</sup> 8	16 <sup>0</sup> 48	13 <sup>0</sup> 54	4 <sup>0</sup> 45	6 <sup>0</sup> R23	6 <sup>0</sup> 4	15 <sup>0</sup> 8	13 <sup>0</sup> 30	T 4
W 5	18 52 12	13 <sup>0</sup> 26'03	18 <sup>0</sup> 53	21 <sup>0</sup> 22	20 <sup>0</sup> 53	13 <sup>0</sup> 12	14 <sup>0</sup> 24	28 <sup>0</sup> 6	16 <sup>0</sup> 52	13 <sup>0</sup> 55	4 <sup>0</sup> 47	6 <sup>0</sup> 23	6 <sup>0</sup> 1	15 <sup>0</sup> 15	13 <sup>0</sup> 29	W 5
T 6	18 56 8	14 <sup>0</sup> 23'19	0 <sup>0</sup> 42	22 <sup>0</sup> 37	22 <sup>0</sup> 3	13 <sup>0</sup> 51	14 <sup>0</sup> 35	28 <sup>0</sup> 3	16 <sup>0</sup> 55	13 <sup>0</sup> 57	4 <sup>0</sup> 48	6 <sup>0</sup> 23	5 <sup>0</sup> 58	15 <sup>0</sup> 21	13 <sup>0</sup> 27	T 6
F 7	19 0 5	15 <sup>0</sup> 20'34	12 <sup>0</sup> 34	23 <sup>0</sup> 56	23 <sup>0</sup> 12	14 <sup>0</sup> 30	14 <sup>0</sup> 45	28 <sup>0</sup> 1	16 <sup>0</sup> 58	13 <sup>0</sup> 58	4 <sup>0</sup> 49	6 <sup>0</sup> 22	5 <sup>0</sup> 55	15 <sup>0</sup> 28	13 <sup>0</sup> 26	F 7
S 8	19 4 1	16 <sup>0</sup> 17'48	24 <sup>0</sup> 32	25 <sup>0</sup> 19	24 <sup>0</sup> 22	15 <sup>0</sup> 8	14 <sup>0</sup> 55	27 <sup>0</sup> 58	17 <sup>0</sup> 1	13 <sup>0</sup> 59	4 <sup>0</sup> 51	6 <sup>0</sup> 20	5 <sup>0</sup> 52	15 <sup>0</sup> 35	13 <sup>0</sup> 25	S 8
S 9	19 7 58	17 <sup>0</sup> 15'03	6 <sup>0</sup> 37	26 <sup>0</sup> 45	25 <sup>0</sup> 32	15 <sup>0</sup> 47	15 <sup>0</sup> 6	27 <sup>0</sup> 55	17 <sup>0</sup> 4	14 <sup>0</sup> 0	4 <sup>0</sup> 52	6 <sup>0</sup> 19	5 <sup>0</sup> 48	15 <sup>0</sup> 41	13 <sup>0</sup> 24	S 9
M10	19 11 54	18 <sup>0</sup> 12'17	18 <sup>0</sup> 55	28 <sup>0</sup> 14	26 <sup>0</sup> 41	16 <sup>0</sup> 26	15 <sup>0</sup> 16	27 <sup>0</sup> 53	17 <sup>0</sup> 8	14 <sup>0</sup> 2	4 <sup>0</sup> 54	6 <sup>0</sup> 18	5 <sup>0</sup> 45	15 <sup>0</sup> 48	13 <sup>0</sup> 23	M10
T 11	19 15 51	19 <sup>0</sup> 9'32	1 <sup>0</sup> 26	29 <sup>0</sup> 47	27 <sup>0</sup> 51	17 <sup>0</sup> 4	15 <sup>0</sup> 26	27 <sup>0</sup> 50	17 <sup>0</sup> 11	14 <sup>0</sup> 3	4 <sup>0</sup> 55	6 <sup>0</sup> 17	5 <sup>0</sup> 42	15 <sup>0</sup> 55	13 <sup>0</sup> 21	T 11
W12	19 19 47	20 <sup>0</sup> 6'47	14 <sup>0</sup> 16	1 <sup>0</sup> 23	29 <sup>0</sup> 0	17 <sup>0</sup> 42	15 <sup>0</sup> 35	27 <sup>0</sup> 47	17 <sup>0</sup> 14	14 <sup>0</sup> 4	4 <sup>0</sup> 56	6 <sup>0</sup> D16	5 <sup>0</sup> 39	16 <sup>0</sup> 1	13 <sup>0</sup> 20	W12
T 13	19 23 44	21 <sup>0</sup> 4'01	27 <sup>0</sup> 26	3 <sup>0</sup> 3	0 <sup>0</sup> 9	18 <sup>0</sup> 20	15 <sup>0</sup> 45	27 <sup>0</sup> 44	17 <sup>0</sup> 17	14 <sup>0</sup> 5	4 <sup>0</sup> 58	6 <sup>0</sup> 16	5 <sup>0</sup> 36	16 <sup>0</sup> 8	13 <sup>0</sup> 18	T 13
F 14	19 27 40	22 <sup>0</sup> 1'16	11 <sup>0</sup> 8	4 <sup>0</sup> 46	1 <sup>0</sup> 19	18 <sup>0</sup> 58	15 <sup>0</sup> 55	27 <sup>0</sup> 40	17 <sup>0</sup> 20	14 <sup>0</sup> 6	4 <sup>0</sup> 59	6 <sup>0</sup> 17	5 <sup>0</sup> 33	16 <sup>0</sup> 15	13 <sup>0</sup> 17	F 14
S 15	19 31 37	22 <sup>0</sup> 58'31	24 <sup>0</sup> 59	6 <sup>0</sup> 32	2 <sup>0</sup> 28	19 <sup>0</sup> 36	16 <sup>0</sup> 4	27 <sup>0</sup> 37	17 <sup>0</sup> 23	14 <sup>0</sup> 7	5 <sup>0</sup> 1	6 <sup>0</sup> 18	5 <sup>0</sup> 29	16 <sup>0</sup> 21	13 <sup>0</sup> 15	S 15
S 16	19 35 34	23 <sup>0</sup> 55'47	9 <sup>0</sup> 22	8 <sup>0</sup> 21	3 <sup>0</sup> 37	20 <sup>0</sup> 14	16 <sup>0</sup> 14	27 <sup>0</sup> 34	17 <sup>0</sup> 26	14 <sup>0</sup> 8	5 <sup>0</sup> 2	6 <sup>0</sup> 19	5 <sup>0</sup> 26	16 <sup>0</sup> 28	13 <sup>0</sup> 14	S 16
M17	19 39 30	24 <sup>0</sup> 53'02	24 <sup>0</sup> 6	10 <sup>0</sup> 13	4 <sup>0</sup> 46	20 <sup>0</sup> 51	16 <sup>0</sup> 23	27 <sup>0</sup> 31	17 <sup>0</sup> 29	14 <sup>0</sup> 9	5 <sup>0</sup> 4	6 <sup>0</sup> 20	5 <sup>0</sup> 23	16 <sup>0</sup> 34	13 <sup>0</sup> 12	M17
T 18	19 43 27	25 <sup>0</sup> 50'18	9 <sup>0</sup> 7	12 <sup>0</sup> 7	5 <sup>0</sup> 54	21 <sup>0</sup> 29	16 <sup>0</sup> 32	27 <sup>0</sup> 27	17 <sup>0</sup> 32	14 <sup>0</sup> 10	5 <sup>0</sup> 6	6 <sup>0</sup> R20	5 <sup>0</sup> 20	16 <sup>0</sup> 41	13 <sup>0</sup> 10	T 18
W19	19 47 23	26 <sup>0</sup> 47'34	24 <sup>0</sup> 17	14 <sup>0</sup> 5	7 <sup>0</sup> 3	22 <sup>0</sup> 6	16 <sup>0</sup> 41	27 <sup>0</sup> 24	17 <sup>0</sup> 35	14 <sup>0</sup> 11	5 <sup>0</sup> 7	6 <sup>0</sup> 19	5 <sup>0</sup> 17	16 <sup>0</sup> 48	13 <sup>0</sup> 8	W19
T 20	19 51 20	27 <sup>0</sup> 44'50	9 <sup>0</sup> 26	16 <sup>0</sup> 4	8 <sup>0</sup> 12	22 <sup>0</sup> 42	16 <sup>0</sup> 50	27 <sup>0</sup> 20	17 <sup>0</sup> 38	14 <sup>0</sup> 12	5 <sup>0</sup> 9	6 <sup>0</sup> 18	5 <sup>0</sup> 14	16 <sup>0</sup> 54	13 <sup>0</sup> 7	T 20
F 21	19 55 16	28 <sup>0</sup> 42'06	24 <sup>0</sup> 26	18 <sup>0</sup> 6	9 <sup>0</sup> 20	23 <sup>0</sup> 19	16 <sup>0</sup> 59	27 <sup>0</sup> 17	17 <sup>0</sup> 40	14 <sup>0</sup> 13	5 <sup>0</sup> 10	6 <sup>0</sup> 15	5 <sup>0</sup> 10	17 <sup>0</sup> 1	13 <sup>0</sup> 5	F 21
S 22	19 59 13	29 <sup>0</sup> 39'22	9 <sup>0</sup> 27	20 <sup>0</sup> 10	10 <sup>0</sup> 29	23 <sup>0</sup> 56	17 <sup>0</sup> 7	27 <sup>0</sup> 13	17 <sup>0</sup> 43	14 <sup>0</sup> 14	5 <sup>0</sup> 12	6 <sup>0</sup> 12	5 <sup>0</sup> 7	17 <sup>0</sup> 8	13 <sup>0</sup> 3	S 22
S 23	20 3 10	0 <sup>0</sup> 36'38	23 <sup>0</sup> 24	22 <sup>0</sup> 15	11 <sup>0</sup> 37	24 <sup>0</sup> 32	17 <sup>0</sup> 16	27 <sup>0</sup> 9	17 <sup>0</sup> 46	14 <sup>0</sup> 15	5 <sup>0</sup> 14	6 <sup>0</sup> 9	5 <sup>0</sup> 4	17 <sup>0</sup> 14	13 <sup>0</sup> 1	S 23
M24	20 7 6	1 <sup>0</sup> 33'53	7 <sup>0</sup> 13	24 <sup>0</sup> 22	12 <sup>0</sup> 45	25 <sup>0</sup> 8	17 <sup>0</sup> 24	27 <sup>0</sup> 6	17 <sup>0</sup> 49	14 <sup>0</sup> 16	5 <sup>0</sup> 15	6 <sup>0</sup> 6	5 <sup>0</sup> 1	17 <sup>0</sup> 21	12 <sup>0</sup> 59	M24
T 25	20 11 3	2 <sup>0</sup> 31'09	20 <sup>0</sup> 35	26 <sup>0</sup> 30	13 <sup>0</sup> 53	25 <sup>0</sup> 44	17 <sup>0</sup> 32	27 <sup>0</sup> 2	17 <sup>0</sup> 52	14 <sup>0</sup> 17	5 <sup>0</sup> 17	6 <sup>0</sup> 5	4 <sup>0</sup> 58	17 <sup>0</sup> 28	12 <sup>0</sup> 57	T 25
W26	20 14 59	3 <sup>0</sup> 28'25	3 <sup>0</sup> 32	28 <sup>0</sup> 38	15 <sup>0</sup> 1	26 <sup>0</sup> 20	17 <sup>0</sup> 40	26 <sup>0</sup> 58	17 <sup>0</sup> 54	14 <sup>0</sup> 17	5 <sup>0</sup> 19	6 <sup>0</sup> D 4	4 <sup>0</sup> 54	17 <sup>0</sup> 34	12 <sup>0</sup> 55	W26
T 27	20 18 56	4 <sup>0</sup> 25'40	16 <sup>0</sup> 6	0 <sup>0</sup> 47	16 <sup>0</sup> 9	26 <sup>0</sup> 55	17 <sup>0</sup> 48	26 <sup>0</sup> 54	17 <sup>0</sup> 57	14 <sup>0</sup> 18	5 <sup>0</sup> 20	6 <sup>0</sup> 5	4 <sup>0</sup> 51	17 <sup>0</sup> 41	12 <sup>0</sup> 53	T 27
F 28	20 22 52	5 <sup>0</sup> 22'56	28 <sup>0</sup> 22	2 <sup>0</sup> 56	17 <sup>0</sup> 16	27 <sup>0</sup> 30	17 <sup>0</sup> 56	26 <sup>0</sup> 50	18 <sup>0</sup> 0	14 <sup>0</sup> 19	5 <sup>0</sup> 22	6 <sup>0</sup> 6	4 <sup>0</sup> 48	17 <sup>0</sup> 48	12 <sup>0</sup> 50	F 28
S 29	20 26 49	6 <sup>0</sup> 20'12	10 <sup>0</sup> 24	5 <sup>0</sup> 5	18 <sup>0</sup> 24	28 <sup>0</sup> 5	18 <sup>0</sup> 4	26 <sup>0</sup> 46	18 <sup>0</sup> 2	14 <sup>0</sup> 19	5 <sup>0</sup> 24	6 <sup>0</sup> 8	4 <sup>0</sup> 45	17 <sup>0</sup> 54	12 <sup>0</sup> 48	S 29
S 30	20 30 45	7 <sup>0</sup> 17'28	22 <sup>0</sup> 18	7 <sup>0</sup> 13	19 <sup>0</sup> 31	28 <sup>0</sup> 40	18 <sup>0</sup> 11	26 <sup>0</sup> 42	18 <sup>0</sup> 5	14 <sup>0</sup> 20	5 <sup>0</sup> 25	6 <sup>0</sup> 9	4 <sup>0</sup> 42	18 <sup>0</sup> 1	12 <sup>0</sup> 46	S 30
M31	20 34 42	8 <sup>0</sup> 14'44	4 <sup>0</sup> 6	9 <sup>0</sup> 21	20 <sup>0</sup> 38	29 <sup>0</sup> 15	18 <sup>0</sup> 19	26 <sup>0</sup> 38	18 <sup>0</sup> 17	14 <sup>0</sup> 21	5 <sup>0</sup> 27	6 <sup>0</sup> R10	4 <sup>0</sup> 39	18 <sup>0</sup> 8	12 <sup>0</sup> 44	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	23n 0	23s20	3s 3	19n21	3s23	17n44	1n54	1n44	2s39	14n50	1s 6	13s 3	1s 5	22n39	0s 2	14n21	1s40	19n12	10n10	23s12	23s12	21s46	1s23	5n28			
S 2	22 56	24 23	2 4	19 36	3 14	17 22	1 54	1 58	2 40	14 53	1 6	13 4	1 5	22 40	0 2	14 21	1 40	19 11	10 10	23 12	23 12	21 44	1 24	5 28			
M 3	22 51	24 17	1 1	19 50	3 4	17 0	1 53	2 12	2 41	14 56	1 6	13 5	1 5	22 40	0 2	14 21	1 40	19 10	10 9	23 12	23 12	21 43	1 24	5 29			
T 4	22 46	23 6	0n 4	20 6	2 54	16 38	1 52	2 27	2 42	14 59	1 7	13 6	1 5	22 40	0 2	14 22	1 40	19 10	10 9	23 12	23 13	21 41	1 24	5 29			
W 5	22 40	20 53	1 9	20 21	2 43	16 15	1 51	2 41	2 43	15 2	1 7	13 7	1 5	22 41	0 2	14 22	1 40	19 9	10 9	23 12	23 13	21 40	1 24	5 29			
T 6	22 35	17 47	2 11	20 36	2 33	15 51	1 50	2 55	2 44	15 5	1 7	13 8	1 5	22 41	0 2	14 22	1 40	19 8	10 9	23 12	23 13	21 38	1 24	5 29			
F 7	22 28	13 58	3 8	20 51	2 21	15 27	1 49	3 9	2 45	15 8	1 7	13 9	1 6	22 41	0 2	14 23	1 40	19 8	10 9	23 12	23 13	21 36	1 24	5 30			
S 8	22 22	9 35	3 56	21 6	2 10	15 3	1 48	3 23	2 46	15 11	1 7	13 10	1 6	22 41	0 2	14 23	1 40	19 7	10 9	23 12	23 13	21 35	1 25	5 30			
S 9	22 14	4 47	4 35	21 21	1 58	14 39	1 47	3 37	2 47	15 14	1 7	13 11	1 6	22 42	0 2	14 23	1 40	19 7	10 9	23 12	23 13	21 33	1 25	5 30			
M10	22 7	0n16	5 2	21 34	1 46	14 14	1 46	3 51	2 48	15 17	1 7	13 12	1 6	22 42	0 2	14 24	1 40	19 6	10 8	23 12	23 13	21 31	1 25	5 30			
T 11	21 59	5 24	5 16	21 47	1 34	13 48	1 44	4 5	2 49	15 19	1 8	13 13	1 6	22 42	0 2	14 24	1 40	19 5	10 8	23 12	23 14	21 30	1 25	5 31			
W12	21 51	10 25	5 14	21 59	1 21	13 23	1 43	4 18	2 50	15 22	1 8	13 14	1 6	22 43	0 2	14 24	1 40	19 5	10 8	23 12	23 14	21 28	1 26	5 31			
T 13	21 42	15 7	4 55	22 10	1 9	12 57	1 41	4 32	2 50	15 25	1 8	13 16	1 7	22 43	0 2	14 25	1 40	19 4	10 8	23 12	23 14	21 27	1 26	5 31			
F 14	21 33	19 12	4 21	22 19	0 56	12 31	1 39	4 45	2 51	15 27	1 8	13 17	1 7	22 43	0 2	14 25	1 40	19 3	10 8	23 12	23 14	21 25	1 27	5 31			
S 15	21 24	22 19	3 29	22 27	0 44	12 4	1 37	4 59	2 52	15 30	1 8	13 18	1 7	22 44	0 2	14 25	1 40	19 3	10 8	23 12	23 14	21 23	1 27	5 31			
S 16	21 14	24 8	2 24	22 34	0 32	11 38	1 35	5 12	2 53	15 32	1 8	13 19	1 7	22 44	0 2	14 25	1 40	19 2	10 8	23 12	23 14	21 22	1 27	5 32			
M17	21 4	24 20	1 7	22 38	0 20	11 11	1 33	5 25	2 54	15 35	1 8	13 21	1 7	22 44	0 2	14 26	1 40	19 1	10 8	23 12	23 14	21 20	1 28	5 32			
T 18	20 54	22 47	0s15	22 40	0 8	10 44	1 31	5 38	2 55	15 37	1 9	13 22	1 7	22 44	0 2	14 26	1 40	19 0	10 7	23 12	23 14	21 18	1 28	5 32			
W19	20 43	19 35	1 38	22 40	0n 4	10 16	1 29	5 51	2 56	15 40	1 9	13 23	1 7	22 45	0 2	14 26	1 40	19 0	10 7	23 12	23 15	21 17	1 29	5 32			
T 20	20 32	15 3	2 53	22 38	0 15	9 48	1 27	6 4	2 56	15 42	1 9	13 25	1 8	22 45	0 2	14 26	1 41	18 59	10 7	23 12	23 15	21 15	1 29	5 32			
F 21	20 21	9 38	3 55	22 34	0 26	9 20	1 24	6 17	2 57	15 44	1 9	13 26	1 8	22 45	0 2	14 27	1 41	18 58	10 7	23 12	23 15	21 13	1 30	5 33			
S 22	20 9	3 47	4 40	22 26	0 36	8 52	1 22	6 29	2 58	15 47	1 9	13 27	1 8	22 46	0 2	14 27	1 41	18 58	10 7	23 12	23 15	21 11	1 30	5 33			
S 23	19 57	2s 5	5 7	22 17	0 46	8 24	1 19	6 42	2 59	15 49	1 9	13 29	1 8	22 46	0 2	14 27	1 41	18 57	10 7	23 12	23 15	21 10	1 31	5 33			
M24	19 44	7 40	5 15	22 4	0 55	7 56	1 16	6 54	3 0	15 51	1 10	13 30	1 8	22 46	0 1	14 27	1 41	18 56	10 7	23 13	23 15	21 8	1 32	5 33			
T 25	19 31	12 43	5 5	21 49	1 4	7 27	1 14	7 6	3 0	15 53	1 10	13 31	1 8	22 46	0 1	14 27	1 41	18 56	10 7	23 13	23 15	21 6	1 32	5 33			
W26	19 18	17 1	4 39	21 31	1 11	6 58	1 11	7 18	3 1	15 55	1 10	13 33	1 8	22 47	0 1	14 28	1 41	18 55	10 7	23 13	23 15	21 5	1 33	5 34			
T 27	19 5	20 26	4 1	21 11	1 18	6 29	1 8	7 30	3 2	15 57	1 10	13 34	1 8	22 47	0 1	14 28	1 41	18 54	10 7	23 13	23 16	21 3	1 33	5 34			
F 28	18 51	22 51	3 13	20 48	1 25	6 0	1 4	7 42	3 3	15 59	1 10	13 36	1 9	22 47	0 1	14 28	1 41	18 53	10 6	23 13	23 16	21 1	1 34	5 34			
S 29	18 37	24 11	2 17	20 23	1 30	5 31	1 1	7 54	3 3	16 1	1 10	13 37	1 9	22 47	0 1	14 28	1 41	18 53	10 6	23 12	23 16	21 0	1 35	5 34			
S 30	18 23	24 23	1 15	19 56	1 35	5 1	0 58	8 6	3 4	16 3	1 11	13 39	1 9	22 48	0 1	14 28	1 41	18 52	10 6	23 12	23 16	20 58	1 35	5 34			
M31	18n 8	23s28	0s11	19n26	1n39	4n32	0n54	8n17	3s 5	16n 5	1s11	13s40	1s 9	22n48	0s 1	14n28	1s41	18n51	10n 6	23s12	23s16	20s56	1s36	5n34			

## ASTRODIENST EPHEMERIS for the year 2699

AUGUST 2699

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 38 39	9♏12'01	15♌54	11♏27	21♏45	29♏49	18♏26	26♏R34	18♏110	14♏21	5♏29	6♏R10	4♏35	18♏14	12♏R41	T 1
W 2	20 42 35	10° 9'17	27°42	13°33	22°52	0♏23	18°33	26♏29	18°12	14°22	5°31	6♏8	4°32	18°21	12♏39	W 2
T 3	20 46 32	11° 6'35	9♏36	15°38	23°59	0°57	18°40	26°25	18°15	14°22	5°32	6° 4	4°29	18°27	12°37	T 3
F 4	20 50 28	12° 3'52	21°35	17°41	25° 5	1°30	18°47	26°21	18°17	14°23	5°34	5°59	4°26	18°34	12°34	F 4
S 5	20 54 25	13° 1'11	3♏42	19°43	26°12	2° 3	18°53	26°17	18°19	14°23	5°36	5°53	4°23	18°41	12°32	S 5
S 6	20 58 21	13°58'30	15°59	21°44	27°18	2°36	19° 0	26°12	18°22	14°23	5°38	5°46	4°19	18°47	12°29	S 6
M 7	21 2 18	14°55'49	28°27	23°43	28°24	3° 9	19° 6	26° 8	18°24	14°24	5°40	5°40	4°16	18°54	12°27	M 7
T 8	21 6 14	15°53'10	11♏7	25°40	29°30	3°42	19°12	26° 4	18°26	14°24	5°41	5°34	4°13	19° 1	12°24	T 8
W 9	21 10 11	16°50'31	24° 2	27°36	0♏36	4°14	19°18	25°59	18°28	14°24	5°43	5°30	4°10	19° 7	12°21	W 9
T 10	21 14 8	17°47'54	7♏12	29°30	1°41	4°46	19°24	25°55	18°31	14°25	5°45	5°28	4° 7	19°14	12°19	T 10
F 11	21 18 4	18°45'17	20°42	1♏22	2°47	5°17	19°29	25°51	18°33	14°25	5°47	5°D27	4° 4	19°21	12°16	F 11
S 12	21 22 1	19°42'42	4♏30	3°13	3°52	5°48	19°35	25°46	18°35	14°25	5°49	5°28	4° 0	19°27	12°13	S 12
S 13	21 25 57	20°40'08	18°40	5° 2	4°57	6°19	19°40	25°42	18°37	14°25	5°51	5°29	3°57	19°34	12°11	S 13
M14	21 29 54	21°37'35	3♏8	6°50	6° 2	6°50	19°45	25°37	18°39	14°25	5°53	5°R30	3°54	19°41	12° 8	M14
T 15	21 33 50	22°35'03	17°53	8°36	7° 7	7°20	19°50	25°33	18°41	14°26	5°55	5°30	3°51	19°47	12° 5	T 15
W16	21 37 47	23°32'32	2♏50	10°20	8°11	7°49	19°55	25°28	18°43	14°26	5°56	5°27	3°48	19°54	12° 2	W16
T 17	21 41 43	24°30'02	17°50	12° 3	9°15	8°19	20° 0	25°24	18°45	14°R26	5°58	5°22	3°45	20° 1	11°59	T 17
F 18	21 45 40	25°27'33	2♏45	13°44	10°19	8°48	20° 4	25°19	18°47	14°26	6° 0	5°16	3°41	20° 7	11°57	F 18
S 19	21 49 37	26°25'05	17°26	15°23	11°23	9°17	20° 8	25°15	18°48	14°26	6° 2	5° 8	3°38	20°14	11°54	S 19
S 20	21 53 33	27°22'38	1♏46	17° 1	12°27	9°45	20°12	25°10	18°50	14°26	6° 4	5° 0	3°35	20°21	11°51	S 20
M21	21 57 30	28°20'11	15°41	18°38	13°30	10°13	20°16	25° 6	18°52	14°25	6° 6	4°53	3°32	20°27	11°48	M21
T 22	22 1 26	29°17'46	29° 7	20°12	14°33	10°40	20°20	25° 2	18°54	14°25	6° 8	4°47	3°29	20°34	11°45	T 22
W23	22 5 23	0♏15'21	12♏6	21°45	15°36	11° 7	20°24	24°57	18°55	14°25	6°10	4°43	3°25	20°40	11°42	W23
T 24	22 9 19	1°12'57	24°42	23°17	16°38	11°34	20°27	24°53	18°57	14°25	6°12	4°42	3°22	20°47	11°39	T 24
F 25	22 13 16	2°10'34	6♏58	24°47	17°41	12° 0	20°30	24°48	18°58	14°25	6°14	4°D42	3°19	20°54	11°36	F 25
S 26	22 17 12	3° 8'12	18°59	26°15	18°43	12°25	20°33	24°44	19° 0	14°24	6°16	4°42	3°16	21° 0	11°33	S 26
S 27	22 21 9	4° 5'51	0♏51	27°42	19°45	12°51	20°36	24°39	19° 1	14°24	6°17	4°R43	3°13	21° 7	11°30	S 27
M28	22 25 6	5° 3'31	12°39	29° 7	20°46	13°15	20°38	24°35	19° 3	14°24	6°19	4°43	3°10	21°14	11°27	M28
T 29	22 29 2	6° 1'12	24°27	0♏30	21°47	13°40	20°41	24°31	19° 4	14°23	6°21	4°41	3° 6	21°20	11°24	T 29
W30	22 32 59	6°58'54	6♏19	1°52	22°48	14° 3	20°43	24°26	19° 5	14°23	6°23	4°36	3° 3	21°27	11°21	W30
T 31	22 36 55	7♏56'37	18♏19	3♏12	23♏49	14♏27	20♏45	24♏22	19♏7	14♏23	6♏25	4♏29	3♏0	21♏34	11♏18	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	17n53	21s32	0n53	18n55	1n42	4n 2	0n51	8n28	3s 5	16n 7	1s11	13s42	1s 9	22n48	0s 1	14n28
W 2	17 38	18 40	1 55	18 21	1 44	3 33	0 47	8 40	3 6	16 9	1 11	13 43	1 9	22 48	0 1	14 28
T 3	17 22	15 1	2 52	17 46	1 46	3 3	0 44	8 51	3 6	16 10	1 11	13 45	1 9	22 48	0 1	14 29
F 4	17 7	10 44	3 42	17 10	1 47	2 33	0 40	9 2	3 7	16 12	1 11	13 46	1 9	22 49	0 1	14 29
S 5	16 51	6 1	4 23	16 32	1 47	2 3	0 36	9 12	3 8	16 14	1 12	13 48	1 10	22 49	0 1	14 29
S 6	16 34	1 1	4 52	15 53	1 46	1 34	0 32	9 23	3 8	16 15	1 12	13 50	1 10	22 49	0 1	14 29
M 7	16 18	4n 5	5 8	15 13	1 45	1 4	0 28	9 33	3 9	16 17	1 12	13 51	1 10	22 49	0 1	14 29
T 8	16 1	9 7	5 9	14 32	1 43	0 34	0 24	9 44	3 9	16 18	1 12	13 53	1 10	22 49	0 1	14 29
W 9	15 44	13 51	4 54	13 50	1 41	0 4	0 20	9 54	3 10	16 20	1 12	13 54	1 10	22 50	0 1	14 29
T 10	15 26	18 1	4 24	13 8	1 38	0s26	0 15	10 4	3 10	16 21	1 12	13 56	1 10	22 50	0 1	14 29
F 11	15 9	21 22	3 39	12 25	1 34	0 56	0 11	10 14	3 11	16 22	1 13	13 57	1 10	22 50	0 1	14 29
S 12	14 51	23 35	2 40	11 41	1 30	1 26	0 6	10 24	3 11	16 24	1 13	13 59	1 10	22 50	0 1	14 29
S 13	14 33	24 22	1 30	10 58	1 26	1 56	0 2	10 33	3 12	16 25	1 13	14 1	1 10	22 50	0 1	14 29
M14	14 15	23 32	0 13	10 13	1 21	2 26	0s 3	10 43	3 12	16 26	1 13	14 2	1 10	22 51	0 1	14 29
T 15	13 56	21 4	1s 7	9 29	1 16	2 56	0 8	10 52	3 12	16 27	1 13	14 4	1 11	22 51	0 1	14 29
W16	13 37	17 9	2 22	8 45	1 10	3 26	0 13	11 1	3 13	16 28	1 14	14 5	1 11	22 51	0 1	14 29
T 17	13 18	12 7	3 28	8 0	1 4	3 55	0 18	11 10	3 13	16 29	1 14	14 7	1 11	22 51	0 1	14 29
F 18	12 59	6 25	4 19	7 15	0 57	4 25	0 23	11 19	3 14	16 30	1 14	14 9	1 11	22 51	0 1	14 29
S 19	12 40	0 27	4 53	6 31	0 51	4 55	0 28	11 28	3 14	16 31	1 14	14 10	1 11	22 51	0 1	14 29
S 20	12 20	5s23	5 6	5 46	0 43	5 24	0 33	11 36	3 14	16 32	1 14	14 12	1 11	22 52	0 1	14 29
M21	12 0	10 47	5 1	5 2	0 36	5 54	0 38	11 45	3 14	16 33	1 15	14 13	1 11	22 52	0 1	14 28
T 22	11 41	15 29	4 40	4 18	0 28	6 23	0 43	11 53	3 15	16 34	1 15	14 15	1 11	22 52	0 1	14 28
W23	11 20	19 17	4 4	3 34	0 21	6 52	0 49	12 1	3 15	16 34	1 15	14 16	1 11	22 52	0 1	14 28
T 24	11 0	22 4	3 18	2 51	0 12	7 21	0 54	12 9	3 15	16 35	1 15	14 18	1 11	22 52	0 1	14 28
F 25	10 40	23 45	2 23	2 8	0 4	7 50	1 0	12 17	3 15	16 36	1 15	14 19	1 11	22 52	0 1	14 28
S 26	10 19	24 17	1 23	1 25	0s 4	8 19	1 5	12 24	3 15	16 36	1 16	14 21	1 11	22 52	0 1	14 28
S 27	9 58	23 42	0 21	0 43	0 13	8 47	1 11	12 32	3 15	16 37	1 16	14 23	1 11	22 53	0 1	14 28
M28	9 37	22 3	0n42	0 1	0 22	9 16	1 17	12 39	3 16	16 37	1 16	14 24	1 11	22 53	0 1	14 28
T 29	9 16	19 27	1 44	0s40	0 31	9 44	1 22	12 46	3 16	16 38	1 16	14 26	1 11	22 53	0 1	14 27
W30	8 55	16 2	2 40	1 21	0 40	10 12	1 28	12 53	3 16	16 38	1 16	14 27	1 12	22 53	0 1	14 27
T 31	8n34	11s56	3n31	2s 1	0s49	10s40	1s34	13n 0	3s16	16n39	1s17	14s28	1s12	22n53	0s 1	14n27

Julian Day Number = 2707061.5, Delta T = 27m13s

Ecliptic obliquity = 23°20'55", Nutation = 0°00'19"

Ayanamsha: Fagan/Bradley = 34°31'38", Lahiri = 33°38'38"

## ASTRODIENST EPHEMERIS for the year 2699

SEPTEMBER 2699

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 40 52	8♍54'21	0♋29	4♊31	24♊49	14♊49	20♊47	24°R18	19♊8	14°R22	6♍27	4°R20	2♊57	21♊40	11°R15	F 1
S 2	22 44 48	9°52'07	12°49	5°47	25°49	15°12	20°49	24°R14	19°9	14°R22	6°29	4°R9	2°54	21°47	11°R12	S 2
S 3	22 48 45	10°49'54	25°22	7°2	26°48	15°33	20°50	24°9	19°10	14°21	6°31	3°58	2°51	21°54	11°9	S 3
M 4	22 52 41	11°47'42	8°Y	8°14	27°47	15°54	20°51	24°5	19°11	14°21	6°33	3°46	2°47	22°0	11°6	M 4
T 5	22 56 38	12°45'32	21°3	9°25	28°46	16°15	20°52	24°1	19°12	14°20	6°35	3°36	2°44	22°7	11°3	T 5
W 6	23 0 34	13°43'24	4♊12	10°33	29°44	16°35	20°53	23°57	19°13	14°19	6°37	3°28	2°41	22°14	11°0	W 6
T 7	23 4 31	14°41'17	17°32	11°40	0♍42	16°54	20°54	23°53	19°14	14°19	6°39	3°23	2°38	22°20	10°57	T 7
F 8	23 8 28	15°39'12	1♊5	12°44	1°40	17°13	20°54	23°49	19°15	14°18	6°41	3°20	2°35	22°27	10°54	F 8
S 9	23 12 24	16°37'09	14°51	13°46	2°37	17°32	20°54	23°45	19°16	14°17	6°43	3°D20	2°31	22°34	10°51	S 9
S 10	23 16 21	17°35'08	28°51	14°45	3°34	17°49	20°R54	23°41	19°16	14°17	6°44	3°R20	2°28	22°40	10°48	S 10
M11	23 20 17	18°33'08	13♊4	15°41	4°30	18°6	20°54	23°37	19°17	14°16	6°46	3°20	2°25	22°47	10°45	M11
T 12	23 24 14	19°31'11	27°29	16°35	5°26	18°22	20°54	23°34	19°18	14°15	6°48	3°18	2°22	22°54	10°42	T 12
W13	23 28 10	20°29'15	12♊4	17°26	6°21	18°38	20°53	23°30	19°18	14°14	6°50	3°14	2°19	23°0	10°39	W13
T 14	23 32 7	21°27'21	26°43	18°13	7°16	18°53	20°53	23°26	19°19	14°14	6°52	3°7	2°16	23°7	10°36	T 14
F 15	23 36 3	22°25'29	11♍20	18°57	8°10	19°7	20°52	23°22	19°20	14°13	6°54	2°57	2°12	23°13	10°34	F 15
S 16	23 40 0	23°23'38	25°48	19°38	9°4	19°20	20°51	23°19	19°20	14°12	6°56	2°46	2°9	23°20	10°31	S 16
S 17	23 43 57	24°21'49	9♊58	20°14	9°57	19°33	20°49	23°15	19°20	14°11	6°58	2°34	2°6	23°27	10°28	S 17
M18	23 47 53	25°20'02	23°48	20°46	10°50	19°45	20°48	23°12	19°21	14°10	7°0	2°23	2°3	23°33	10°25	M18
T 19	23 51 50	26°18'16	7♍12	21°14	11°42	19°56	20°46	23°9	19°21	14°9	7°1	2°14	2°0	23°40	10°22	T 19
W20	23 55 46	27°16'32	20°12	21°38	12°34	20°6	20°44	23°5	19°21	14°8	7°3	2°7	1°56	23°47	10°19	W20
T 21	23 59 43	28°14'49	2♊48	21°56	13°24	20°16	20°42	23°2	19°22	14°7	7°5	2°3	1°53	23°53	10°16	T 21
F 22	0 3 39	29°13'08	15°5	22°8	14°15	20°25	20°39	22°59	19°22	14°6	7°7	2°1	1°50	24°0	10°14	F 22
S 23	0 7 36	0♊11'29	27°7	22°15	15°4	20°33	20°37	22°56	19°22	14°5	7°9	2°1	1°47	24°7	10°11	S 23
S 24	0 11 32	1°9'51	8♊59	22°R16	15°53	20°40	20°34	22°53	19°22	14°4	7°10	2°1	1°44	24°13	10°8	S 24
M25	0 15 29	2°8'14	20°48	22°11	16°41	20°47	20°31	22°50	19°R22	14°2	7°12	2°0	1°41	24°20	10°5	M25
T 26	0 19 26	3°6'39	2♊37	21°59	17°28	20°52	20°28	22°47	19°22	14°1	7°14	1°58	1°37	24°27	10°3	T 26
W27	0 23 22	4°5'05	14°33	21°41	18°14	20°57	20°25	22°44	19°22	14°0	7°16	1°53	1°34	24°33	10°0	W27
T 28	0 27 19	5°3'34	26°39	21°15	19°0	21°1	20°21	22°41	19°22	13°59	7°18	1°45	1°31	24°40	9°57	T 28
F 29	0 31 15	6°2'03	8♊59	20°42	19°44	21°4	20°17	22°39	19°21	13°58	7°19	1°35	1°28	24°47	9°55	F 29
S 30	0 35 12	7♊0'35	21♋33	20♊3	20♍28	21♊6	20♊13	22°R36	19♊21	13°56	7°21	1°23	1°25	24°53	9°52	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	8n12	7s20	4n12	2s41	0s58	11s7	1s40	13n6	3s16	16n39	1s17	14s30	1s12	22n53	0s1	14n27
S 2	7 50	2 22	4 42	3 20	1 8	11 35	1 46	13 13	3 15	16 39	1 17	14 31	1 12	22 53	0 1	14 27
S 3	7 29	2n45	4 59	3 58	1 17	12 2	1 52	13 19	3 15	16 39	1 17	14 33	1 12	22 53	0 1	14 27
M 4	7 7	7 49	5 2	4 35	1 27	12 29	1 58	13 25	3 15	16 39	1 17	14 34	1 12	22 53	0 1	14 26
T 5	6 45	12 39	4 49	5 12	1 36	12 56	2 4	13 31	3 15	16 40	1 18	14 36	1 12	22 54	0 1	14 26
W 6	6 23	16 57	4 21	5 47	1 46	13 22	2 10	13 37	3 15	16 40	1 18	14 37	1 12	22 54	0 1	14 26
T 7	6 0	20 29	3 38	6 22	1 55	13 49	2 17	13 43	3 15	16 40	1 18	14 38	1 12	22 54	0 1	14 26
F 8	5 38	22 57	2 42	6 55	2 5	14 15	2 23	13 48	3 14	16 39	1 18	14 40	1 12	22 54	0 1	14 25
S 9	5 16	24 5	1 36	7 28	2 14	14 40	2 29	13 53	3 14	16 39	1 18	14 41	1 12	22 54	0 1	14 25
S 10	4 53	23 44	0 24	8 0	2 23	15 6	2 36	13 59	3 14	16 39	1 18	14 42	1 12	22 54	0 1	14 25
M11	4 31	21 51	0s51	8 30	2 32	15 31	2 42	14 4	3 13	16 39	1 19	14 44	1 12	22 54	0 1	14 25
T 12	4 8	18 33	2 4	8 59	2 41	15 56	2 48	14 8	3 13	16 39	1 19	14 45	1 12	22 54	0 1	14 24
W13	3 45	14 4	3 10	9 26	2 50	16 20	2 55	14 13	3 12	16 38	1 19	14 46	1 12	22 54	0 1	14 24
T 14	3 23	8 45	4 3	9 53	2 59	16 44	3 1	14 18	3 12	16 38	1 19	14 47	1 12	22 54	0 1	14 24
F 15	3 0	2 58	4 40	10 17	3 7	17 8	3 8	14 22	3 11	16 38	1 19	14 49	1 12	22 54	0 1	14 23
S 16	2 37	2s54	4 59	10 40	3 15	17 32	3 14	14 26	3 11	16 37	1 20	14 50	1 12	22 54	0 1	14 23
S 17	2 14	8 31	4 58	11 1	3 23	17 55	3 21	14 30	3 10	16 37	1 20	14 51	1 12	22 54	0 1	14 23
M18	1 51	13 33	4 40	11 20	3 30	18 18	3 27	14 34	3 9	16 36	1 20	14 52	1 12	22 54	0 1	14 22
T 19	1 28	17 46	4 7	11 37	3 37	18 40	3 33	14 38	3 8	16 35	1 20	14 53	1 12	22 54	0 1	14 22
W20	1 5	20 58	3 22	11 51	3 44	19 2	3 40	14 41	3 8	16 35	1 20	14 54	1 12	22 54	0 1	14 22
T 21	0 42	23 4	2 28	12 3	3 49	19 24	3 46	14 45	3 7	16 34	1 20	14 55	1 12	22 54	0 1	14 21
F 22	0 19	23 59	1 29	12 13	3 54	19 45	3 53	14 48	3 6	16 33	1 21	14 56	1 12	22 54	0 1	14 21
S 23	0s5	23 45	0 26	12 19	3 58	20 6	3 59	14 51	3 5	16 32	1 21	14 57	1 12	22 54	0 1	14 21
S 24	0 28	22 26	0n37	12 23	4 2	20 27	4 6	14 54	3 4	16 31	1 21	14 58	1 12	22 54	0 1	14 20
M25	0 51	20 8	1 38	12 23	4 4	20 47	4 12	14 57	3 3	16 30	1 21	14 59	1 12	22 55	0 1	14 20
T 26	1 14	16 59	2 34	12 19	4 5	21 7	4 19	14 59	3 1	16 29	1 21	15 0	1 12	22 55	0 1	14 20
W27	1 37	13 8	3 25	12 12	4 5	21 26	4 25	15 2	3 0	16 28	1 21	15 1	1 12	22 55	0 1	14 19
T 28	2 0	8 43	4 7	12 1	4 3	21 45	4 31	15 4	2 59	16 27	1 22	15 2	1 12	22 55	0 1	14 19
F 29	2 23	3 53	4 38	11 46	4 0	22 3	4 38	15 6	2 58	16 26	1 22	15 3	1 12	22 55	0 1	14 18
S 30	2s46	1n12	4n56	11s26	3s55	22s21	4s44	15n8	2s56	16n25	1s22	15s4	1s12	22n54	0s1	14n18

Julian Day Number = 2707092.5, Delta T = 27m13s

Ecliptic obliquity = 23°20'55", Nutation = 0°00'18"

Ayanamsha: Fagan/Bradley = 34°31'43", Lahiri = 33°38'42"

## ASTRODIENST EPHEMERIS for the year 2699

OCTOBER 2699

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 39 8	7♂59'08	4♂23	19°R17	21♂.11	21♂ 8	20°R 9	22°R34	19°R21	13°R55	7♂23	1°R10	1♂22	25♂ 0	9°R50	S 1
M 2	0 43 5	8°57'43	17°28	18♂26	21°52	21°R 8	20♂ 5	22♂31	19♂21	13♂54	7°25	0♂57	1°18	25° 7	9♂47	M 2
T 3	0 47 1	9°56'20	0♂47	17°29	22°33	21° 8	20° 1	22°29	19°20	13°53	7°26	0°46	1°15	25°13	9°45	T 3
W 4	0 50 58	10°55'00	14°18	16°28	23°13	21° 7	19°56	22°27	19°20	13°51	7°28	0°37	1°12	25°20	9°42	W 4
T 5	0 54 55	11°53'41	27°57	15°24	23°51	21° 4	19°51	22°25	19°19	13°50	7°30	0°31	1° 9	25°27	9°40	T 5
F 6	0 58 51	12°52'24	11♂45	14°18	24°28	21° 1	19°46	22°23	19°19	13°48	7°31	0°27	1° 6	25°33	9°37	F 6
S 7	1 2 48	13°51'10	25°40	13°12	25° 5	20°57	19°41	22°21	19°18	13°47	7°33	0°D26	1° 2	25°40	9°35	S 7
S 8	1 6 44	14°49'58	9♂40	12° 8	25°39	20°53	19°36	22°19	19°17	13°46	7°34	0°R26	0°59	25°47	9°33	S 8
M 9	1 10 41	15°48'48	23°46	11° 6	26°13	20°47	19°31	22°17	19°17	13°44	7°36	0°26	0°56	25°53	9°31	M 9
T 10	1 14 37	16°47'41	7♂57	10°10	26°45	20°40	19°25	22°15	19°16	13°43	7°38	0°25	0°53	26° 0	9°28	T 10
W11	1 18 34	17°46'36	22°11	9°21	27°16	20°33	19°19	22°14	19°15	13°41	7°39	0°21	0°50	26° 7	9°26	W11
T 12	1 22 30	18°45'33	6♂25	8°39	27°45	20°24	19°13	22°12	19°14	13°40	7°41	0°14	0°47	26°13	9°24	T 12
F 13	1 26 27	19°44'32	20°36	8° 6	28°13	20°15	19° 7	22°11	19°13	13°38	7°42	0° 5	0°43	26°20	9°22	F 13
S 14	1 30 23	20°43'33	4♂39	7°42	28°39	20° 5	19° 1	22° 9	19°12	13°37	7°44	29♂55	0°40	26°27	9°20	S 14
S 15	1 34 20	21°42'36	18°29	7°29	29° 4	19°54	18°55	22° 8	19°11	13°35	7°45	29°43	0°37	26°33	9°18	S 15
M16	1 38 17	22°41'41	2♂ 2	7°D27	29°27	19°42	18°48	22° 7	19°10	13°34	7°47	29°32	0°34	26°40	9°16	M16
T 17	1 42 13	23°40'49	15°15	7°35	29°48	19°30	18°42	22° 6	19° 9	13°32	7°48	29°23	0°31	26°46	9°14	T 17
W18	1 46 10	24°39'58	28° 8	7°53	0♂8	19°17	18°35	22° 5	19° 8	13°31	7°50	29°17	0°28	26°53	9°12	W18
T 19	1 50 6	25°39'09	10♂41	8°21	0°25	19° 3	18°28	22° 4	19° 7	13°29	7°51	29°13	0°24	27° 0	9°11	T 19
F 20	1 54 3	26°38'22	22°56	8°59	0°41	18°48	18°21	22° 4	19° 6	13°28	7°52	29°11	0°21	27° 6	9° 9	F 20
S 21	1 57 59	27°37'37	4♂58	9°46	0°54	18°33	18°14	22° 3	19° 5	13°26	7°54	29°D11	0°18	27°13	9° 7	S 21
S 22	2 1 56	28°36'53	16°51	10°40	1° 5	18°17	18° 7	22° 3	19° 3	13°24	7°55	29°12	0°15	27°20	9° 6	S 22
M23	2 5 52	29°36'11	28°40	11°42	1°15	18° 1	17°59	22° 2	19° 2	13°23	7°57	29°R12	0°12	27°26	9° 4	M23
T 24	2 9 49	0♂35'31	10♂30	12°50	1°22	17°44	17°52	22° 2	19° 1	13°21	7°58	29°12	0° 8	27°33	9° 2	T 24
W25	2 13 46	1°34'53	22°28	14° 4	1°27	17°26	17°44	22° 2	18°59	13°19	7°59	29° 9	0° 5	27°40	9° 1	W25
T 26	2 17 42	2°34'16	4♂37	15°23	1°29	17° 8	17°37	22° 2	18°58	13°18	8° 0	29° 4	0° 2	27°46	9° 0	T 26
F 27	2 21 39	3°33'41	17° 1	16°46	1°R29	16°50	17°29	22°D 2	18°56	13°16	8° 2	28°58	29♂56	27°53	8°58	F 27
S 28	2 25 35	4°33'08	29°44	18°13	1°27	16°31	17°22	22° 2	18°55	13°15	8° 3	28°49	29°56	28° 0	8°57	S 28
S 29	2 29 32	5°32'37	12°Y48	19°43	1°22	16°12	17°14	22° 2	18°53	13°13	8° 4	28°40	29°53	28° 6	8°56	S 29
M30	2 33 28	6°32'07	26°11	21°16	1°15	15°53	17° 6	22° 2	18°51	13°11	8° 5	28°30	29°49	28°13	8°54	M30
T 31	2 37 25	7♂31'40	9♂52	22♂51	1♂ 6	15♂33	16♂58	22♂ 2	18♂50	13♂10	8♂ 6	28♂22	29♂46	28♂20	8♂53	T 31

Day	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	3s 9	6n20	5n 0	11s 3	3s48	22s39	4s50	15n10	2s55	16n24	1s22	15s 5	1s12	22n54	0s 1	14n18
M 2	3 32	11 16	4 48	10 35	3 40	22 56	4 56	15 11	2 53	16 23	1 22	15 5	1 12	22 54	0 1	14 17
T 3	3 55	15 46	4 21	10 4	3 29	23 12	5 2	15 13	2 51	16 21	1 22	15 6	1 12	22 54	0 1	14 17
W 4	4 18	19 32	3 38	9 29	3 17	23 28	5 8	15 14	2 50	16 20	1 22	15 7	1 12	22 54	0 1	14 16
T 5	4 41	22 17	2 43	8 51	3 3	23 44	5 14	15 15	2 48	16 19	1 23	15 7	1 12	22 54	0 1	14 16
F 6	5 4	23 43	1 37	8 11	2 47	23 59	5 20	15 16	2 46	16 17	1 23	15 8	1 12	22 54	0 1	14 16
S 7	5 27	23 42	0 25	7 29	2 30	24 14	5 26	15 17	2 44	16 16	1 23	15 9	1 12	22 54	0 1	14 15
S 8	5 49	22 11	0s49	6 47	2 11	24 28	5 31	15 18	2 42	16 14	1 23	15 9	1 12	22 54	0 1	14 15
M 9	6 12	19 17	2 0	6 5	1 52	24 41	5 37	15 18	2 40	16 13	1 23	15 10	1 12	22 54	0 1	14 14
T 10	6 35	15 14	3 5	5 25	1 31	24 54	5 42	15 19	2 38	16 11	1 23	15 10	1 12	22 54	0 1	14 14
W11	6 57	10 18	3 58	4 47	1 11	25 6	5 47	15 19	2 36	16 9	1 23	15 11	1 12	22 54	0 1	14 13
T 12	7 19	4 50	4 37	4 12	0 51	25 18	5 52	15 19	2 33	16 8	1 23	15 11	1 12	22 54	0 1	14 13
F 13	7 42	0s52	4 58	3 40	0 31	25 29	5 57	15 19	2 31	16 6	1 23	15 12	1 12	22 54	0 1	14 12
S 14	8 4	6 27	5 1	3 13	0 11	25 40	6 2	15 19	2 28	16 4	1 24	15 12	1 12	22 54	0 1	14 12
S 15	8 26	11 38	4 46	2 51	0n 7	25 50	6 6	15 18	2 26	16 2	1 24	15 12	1 12	22 54	0 1	14 11
M16	8 48	16 8	4 16	2 35	0 24	25 59	6 10	15 18	2 23	16 1	1 24	15 13	1 12	22 54	0 1	14 11
T 17	9 10	19 43	3 32	2 23	0 40	26 7	6 14	15 17	2 20	15 59	1 24	15 13	1 12	22 54	0 1	14 10
W18	9 31	22 14	2 38	2 17	0 54	26 15	6 18	15 16	2 18	15 57	1 24	15 13	1 12	22 54	0 1	14 10
T 19	9 53	23 34	1 37	2 16	1 7	26 22	6 22	15 15	2 15	15 55	1 24	15 14	1 11	22 54	0 1	14 9
F 20	10 14	23 43	0 33	2 20	1 19	26 29	6 25	15 14	2 12	15 53	1 24	15 14	1 11	22 53	0 1	14 9
S 21	10 35	22 44	0n31	2 29	1 29	26 35	6 28	15 13	2 9	15 51	1 24	15 14	1 11	22 53	0 1	14 8
S 22	10 56	20 45	1 33	2 43	1 38	26 39	6 30	15 12	2 5	15 49	1 24	15 14	1 11	22 53	0 1	14 8
M23	11 17	17 53	2 31	3 0	1 45	26 43	6 32	15 10	2 2	15 47	1 24	15 14	1 11	22 53	0 1	14 7
T 24	11 38	14 17	3 23	3 21	1 50	26 47	6 34	15 9	1 59	15 45	1 24	15 14	1 11	22 53	0 1	14 7
W25	11 59	10 6	4 6	3 46	1 55	26 49	6 35	15 7	1 56	15 43	1 24	15 14	1 11	22 53	0 1	14 6
T 26	12 19	5 27	4 39	4 13	1 58	26 50	6 36	15 5	1 52	15 41	1 24	15 14	1 11	22 53	0 1	14 6
F 27	12 39	0 30	4 59	4 43	2 0	26 51	6 37	15 4	1 49	15 38	1 24	15 14	1 11	22 53	0 1	14 5
S 28	12 59	4n35	5 6	5 15	2 1	26 50	6 37	15 2	1 45	15 36	1 24	15 14	1 11	22 53	0 1	14 5
S 29	13 19	9 36	4 57	5 48	2 2	26 49	6 36	15 0	1 42	15 34	1 24	15 14	1 11	22 52	0 1	14 4
M30	13 39	14 17	4 32	6 24	2 1	26 46	6 35	14 58	1 38	15 32	1 24	15 14	1 11	22 52	0 1	14 4
T 31	13s58	18n21	3n50	7s 0	1n59	26s42	6s33	14n56	1s35	15n30	1s24	15s14	1s11	22n52	0s 1	14n 3

Julian Day Number = 2707122.5, Delta T = 27m13s

Ecliptic obliquity = 23°20'55, Nutation = 0°00'17

Ayanamsha: Fagan/Bradley = 34°31'47, Lahiri = 33°38'47

## ASTRODIENST EPHEMERIS for the year 2699

NOVEMBER 2699

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 41 21	8♍31'14	23♉47	24♊27	0°R54	15°R13	16°R50	22♊3	18°R48	13°R 8	8♍8	28°R16	29♊43	28♉26	8°R52	W 1
T 2	2 45 18	9°30'51	7♊53	26° 5	0♊40	14♉53	16♉42	22° 4	18♊46	13♉ 6	8° 9	28♊12	29°40	28°33	8♊51	T 2
F 3	2 49 15	10°30'30	22° 6	27°43	0°23	14°33	16°34	22° 4	18°44	13° 4	8°10	28°D10	29°37	28°40	8°50	F 3
S 4	2 53 11	11°30'11	6♊21	29°23	0° 4	14°13	16°26	22° 5	18°42	13° 3	8°11	28°10	29°34	28°46	8°49	S 4
S 5	2 57 8	12°29'54	20°35	1♍ 3	29♍43	13°53	16°18	22° 6	18°41	13° 1	8°12	28°11	29°30	28°53	8°48	S 5
M 6	3 1 4	13°29'39	4♊47	2°43	29°19	13°33	16°10	22° 7	18°39	12°59	8°13	28°12	29°27	29° 0	8°48	M 6
T 7	3 5 1	14°29'27	18°54	4°23	28°54	13°13	16° 2	22° 8	18°37	12°58	8°14	28°R13	29°24	29° 6	8°47	T 7
W 8	3 8 57	15°29'17	2♍56	6° 4	28°27	12°54	15°53	22° 9	18°35	12°56	8°15	28°11	29°21	29°13	8°46	W 8
T 9	3 12 54	16°29'09	16°51	7°45	27°57	12°34	15°45	22°11	18°33	12°54	8°16	28° 8	29°18	29°20	8°46	T 9
F 10	3 16 50	17°29'03	0♊37	9°25	27°27	12°15	15°37	22°12	18°31	12°53	8°17	28° 3	29°14	29°26	8°45	F 10
S 11	3 20 47	18°28'59	14°12	11° 5	26°54	11°56	15°29	22°13	18°29	12°51	8°17	27°57	29°11	29°33	8°45	S 11
S 12	3 24 44	19°28'57	27°36	12°45	26°21	11°37	15°21	22°15	18°27	12°49	8°18	27°50	29° 8	29°40	8°44	S 12
M13	3 28 40	20°28'58	10♍45	14°25	25°46	11°19	15°13	22°17	18°24	12°48	8°19	27°43	29° 5	29°46	8°44	M13
T 14	3 32 37	21°29'00	23°40	16° 4	25°11	11° 1	15° 5	22°19	18°22	12°46	8°20	27°38	29°24	29°53	8°43	T 14
W15	3 36 33	22°29'04	6♊19	17°43	24°35	10°44	14°57	22°20	18°20	12°44	8°21	27°34	28°59	29°59	8°43	W15
T 16	3 40 30	23°29'10	18°42	19°22	23°58	10°27	14°49	22°22	18°18	12°43	8°21	27°32	28°55	0♊ 6	8°43	T 16
F 17	3 44 26	24°29'17	0♉52	21° 0	23°22	10°11	14°41	22°25	18°16	12°41	8°22	27°D32	28°52	0°13	8°43	F 17
S 18	3 48 23	25°29'26	12°52	22°38	22°45	9°55	14°33	22°27	18°13	12°39	8°23	27°33	28°49	0°20	8°D43	S 18
S 19	3 52 19	26°29'37	24°43	24°16	22° 9	9°40	14°25	22°29	18°11	12°38	8°23	27°34	28°46	0°26	8°43	S 19
M20	3 56 16	27°29'49	6♊32	25°53	21°34	9°26	14°17	22°31	18° 9	12°36	8°24	27°36	28°43	0°33	8°43	M20
T 21	4 0 13	28°30'03	18°22	27°30	21° 0	9°13	14°10	22°34	18° 7	12°35	8°25	27°38	28°39	0°40	8°43	T 21
W22	4 4 9	29°30'18	0♊18	29° 6	20°26	9° 0	14° 2	22°36	18° 4	12°33	8°25	27°R38	28°36	0°46	8°43	W22
T 23	4 8 6	0♊30'55	12°26	0♊42	19°54	8°48	13°55	22°39	18° 2	12°31	8°26	27°37	28°33	0°53	8°44	T 23
F 24	4 12 2	1°30'52	24°50	2°18	19°23	8°36	13°47	22°42	18° 0	12°30	8°26	27°36	28°30	1° 0	8°44	F 24
S 25	4 15 59	2°31'12	7♉34	3°53	18°54	8°26	13°40	22°45	17°57	12°28	8°27	27°33	28°27	1° 6	8°44	S 25
S 26	4 19 55	3°31'32	20°40	5°29	18°27	8°16	13°33	22°48	17°55	12°27	8°27	27°29	28°24	1°13	8°45	S 26
M27	4 23 52	4°31'55	4♉12	7° 3	18° 2	8° 7	13°26	22°51	17°52	12°25	8°28	27°25	28°20	1°20	8°45	M27
T 28	4 27 48	5°32'18	18° 6	8°38	17°39	7°58	13°19	22°54	17°50	12°24	8°28	27°22	28°17	1°26	8°46	T 28
W29	4 31 45	6°32'43	2♊21	10°12	17°18	7°51	13°12	22°57	17°47	12°22	8°28	27°20	28°14	1°33	8°46	W29
T 30	4 35 42	7♊33'10	16♊52	11♊46	16♍59	7♉44	13♉ 5	23♊ 0	17♊45	12♉21	8♍29	27♊18	28♊11	1♊40	8♊47	T 30

Day	☉	☾	♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	14s17	21n28	2n54	7s37	1n57	26s38	6s31	14n53	1s31	15n28	1s24	15s13	1s11	22n52	0s 1	14n 3	1s45	18n 3	10n20	23s20	23s21	17s58	3s14	5n22			
T 2	14 36	23 18	1 47	8 15	1 54	26 32	6 28	14 51	1 27	15 25	1 24	15 13	1 11	22 52	0 1	14 2	1 45	18 3	10 20	23 20	23 21	17 56	3 15	5 21			
F 3	14 55	23 40	0 33	8 54	1 51	26 24	6 24	14 49	1 23	15 23	1 24	15 13	1 11	22 52	0 1	14 2	1 45	18 3	10 20	23 20	23 21	17 54	3 15	5 21			
S 4	15 14	22 28	0s44	9 32	1 47	26 16	6 20	14 47	1 20	15 21	1 24	15 13	1 11	22 52	0 1	14 1	1 45	18 3	10 21	23 20	23 21	17 52	3 16	5 21			
S 5	15 32	19 50	1 58	10 11	1 43	26 6	6 15	14 44	1 16	15 19	1 24	15 12	1 11	22 51	0 1	14 1	1 45	18 3	10 21	23 20	23 21	17 50	3 17	5 20			
M 6	15 50	16 0	3 5	10 50	1 38	25 56	6 9	14 42	1 12	15 16	1 24	15 12	1 11	22 51	0 1	14 0	1 45	18 3	10 21	23 20	23 21	17 48	3 17	5 20			
T 7	16 8	11 17	4 0	11 29	1 33	25 44	6 2	14 40	1 8	15 14	1 24	15 12	1 11	22 51	0 1	14 0	1 45	18 3	10 22	23 20	23 21	17 45	3 18	5 20			
W 8	16 25	6 1	4 40	12 7	1 28	25 30	5 55	14 38	1 4	15 12	1 24	15 11	1 11	22 51	0 1	13 59	1 45	18 3	10 22	23 20	23 21	17 43	3 19	5 19			
T 9	16 42	0 30	5 4	12 45	1 22	25 16	5 47	14 35	1 1	15 10	1 24	15 11	1 11	22 51	0 1	13 59	1 45	18 2	10 22	23 20	23 21	17 41	3 19	5 19			
F 10	16 59	4s59	5 9	13 22	1 16	25 0	5 38	14 33	0 57	15 7	1 24	15 10	1 10	22 51	0 1	13 58	1 45	18 2	10 23	23 20	23 21	17 39	3 20	5 19			
S 11	17 16	10 9	4 58	13 59	1 10	24 43	5 29	14 31	0 53	15 5	1 23	15 10	1 10	22 51	0 1	13 58	1 45	18 2	10 23	23 20	23 21	17 37	3 20	5 18			
S 12	17 32	14 46	4 29	14 36	1 4	24 25	5 19	14 29	0 49	15 3	1 23	15 9	1 10	22 50	0 1	13 57	1 45	18 2	10 23	23 20	23 21	17 35	3 21	5 18			
M13	17 48	18 36	3 47	15 12	0 57	24 6	5 8	14 27	0 45	15 1	1 23	15 8	1 10	22 50	0 1	13 57	1 45	18 2	10 24	23 20	23 21	17 33	3 21	5 17			
T 14	18 4	21 26	2 54	15 47	0 51	23 47	4 56	14 25	0 41	14 58	1 23	15 8	1 10	22 50	0 1	13 56	1 45	18 3	10 24	23 20	23 21	17 31	3 22	5 17			
W15	18 19	23 8	1 53	16 21	0 44	23 26	4 44	14 23	0 38	14 56	1 23	15 7	1 10	22 50	0 1	13 56	1 45	18 3	10 25	23 20	23 21	17 29	3 22	5 17			
T 16	18 34	23 40	0 48	16 54	0 37	23 4	4 31	14 22	0 34	14 54	1 23	15 6	1 10	22 50	0 0	13 55	1 45	18 3	10 25	23 20	23 21	17 26	3 23	5 16			
F 17	18 49	23 2	0n18	17 27	0 30	22 42	4 18	14 20	0 30	14 52	1 23	15 6	1 10	22 49	0 0	13 55	1 45	18 3	10 25	23 20	23 21	17 24	3 23	5 16			
S 18	19 4	21 21	1 23	17 59	0 24	22 20	4 4	14 19	0 27	14 50	1 23	15 5	1 10	22 49	0 0	13 55	1 45	18 3	10 26	23 20	23 21	17 22	3 23	5 15			
S 19	19 18	18 45	2 24	18 30	0 17	21 56	3 50	14 18	0 23	14 47	1 22	15 4	1 10	22 49	0 0	13 54	1 45	18 3	10 26	23 20	23 21	17 20	3 24	5 15			
M20	19 32	15 22	3 18	18 59	0 10	21 33	3 35	14 16	0 19	14 45	1 22	15 3	1 10	22 49	0 0	13 54	1 45	18 3	10 26	23 20	23 21	17 18	3 24	5 15			
T 21	19 45	11 24	4 4	19 28	0 3	21 10	3 20	14 16	0 16	14 43	1 22	15 3	1 10	22 49	0 0	13 53	1 45	18 3	10 27	23 20	23 21	17 16	3 24	5 14			
W22	19 58	6 57	4 40	19 56	0s 4	20 46	3 5	14 15	0 12	14 41	1 22	15 2	1 10	22 48	0 0	13 53	1 45	18 3	10 27	23 20	23 20	17 14	3 25	5 14			
T 23	20 11	2 11	5 4	20 23	0 10	20 23	2 50	14 14	0 9	14 39	1 22	15 1	1 10	22 48	0 0	13 52	1 45	18 3	10 27	23 20	23 20	17 11	3 25	5 14			
F 24	20 23	2n46	5 14	20 49	0 17	19 59	2 35	14 14	0 6	14 37	1 22	15 0	1 10	22 48	0 0	13 52	1 45	18 4	10 28	23 20	23 20	17 9	3 25	5 13			
S 25	20 35	7 44	5 10	21 14	0 24	19 36	2 19	14 13	0 2	14 35	1 21	14 59	1 10	22 48	0 0	13 51	1 45	18 4	10 28	23 20	23 20	17 7	3 25	5 13			
S 26	20 47	12 31	4 49	21 38	0 30	19 14	2 4	14 13	0n 1	14 33	1 21	14 58	1 10	22 48	0 0	13 51	1 45	18 4	10 29	23 19	23 20	17 5	3 26	5 12			
M27	20 58	16 50	4 12	22 1	0 37	18 52	1 48	14 13	0 4	14 31	1 21	14 57	1 10	22 47	0 0	13 50	1 45	18 4	10 29	23 19	23 20	17 3	3 26	5 12			
T 28	21 9	20 21	3 20	22 22	0 43	18 31	1 33	14 14	0 7	14 29	1 21	14 56	1 10	22 47	0 0	13 50	1 45	18 4	10 29	23 19	23 20	17 1	3 26	5 12			
W29	21 19	22 44	2 13	22 43	0 49	18 11	1 18	14 14	0 10	14 27	1 21	14 55	1 10	22 47	0 0	13 50	1 45	18 4	10 30	23 19	23 20	16 59	3 26	5 11			
T 30	21s29	23n39	0n57	23s 2	0s56	17s51	1s 3	14n15	0n13	14n26	1s20	14s53	1s10	22n47	0s 0	13n49	1s45	18n 5	10n30	23s19	23s20	16s56	3s26	5n11			

## ASTRODIENST EPHEMERIS for the year 2699

DECEMBER 2699

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4 39 38	8♂33'39	1♂32	13♂20	16°R43	7°R38	12°R58	23♂4	17°R42	12°R19	8♂29	27°D18	28♂8	1♂46	8♂48	F 1
S 2	4 43 35	9°34'08	16°15	14°54	16♂29	7♂33	12♂52	23°7	17♂40	12♂18	8°29	27♂19	28°5	1°53	8°49	S 2
S 3	4 47 31	10°34'40	0♂54	16°28	16°18	7°29	12°46	23°11	17°37	12°16	8°29	27°20	28°1	2°0	8°50	S 3
M 4	4 51 28	11°35'13	15°24	18°1	16°9	7°26	12°39	23°15	17°35	12°15	8°30	27°21	27°58	2°6	8°50	M 4
T 5	4 55 24	12°35'48	29°42	19°34	16°3	7°23	12°33	23°18	17°32	12°13	8°30	27°22	27°55	2°13	8°51	T 5
W 6	4 59 21	13°36'25	13♂44	21°7	15°59	7°21	12°27	23°22	17°30	12°12	8°30	27°R23	27°52	2°20	8°53	W 6
T 7	5 3 18	14°37'03	27°31	22°40	15°D58	7°20	12°22	23°26	17°27	12°11	8°30	27°22	27°49	2°26	8°54	T 7
F 8	5 7 14	15°37'43	11♂1	24°13	15°59	7°D20	12°16	23°30	17°25	12°9	8°30	27°21	27°45	2°33	8°55	F 8
S 9	5 11 11	16°38'25	24°16	25°45	16°3	7°20	12°11	23°34	17°22	12°8	8°30	27°20	27°42	2°40	8°56	S 9
S 10	5 15 7	17°39'08	7♂15	27°18	16°9	7°22	12°5	23°38	17°20	12°7	8°R30	27°19	27°39	2°46	8°57	S 10
M 11	5 19 4	18°39'52	20°2	28°50	16°17	7°24	12°0	23°43	17°17	12°5	8°30	27°17	27°36	2°53	8°59	M 11
T 12	5 23 0	19°40'38	2♂35	0♂23	16°28	7°27	11°55	23°47	17°15	12°4	8°30	27°16	27°33	3°0	9°0	T 12
W 13	5 26 57	20°41'25	14°57	1°55	16°40	7°31	11°51	23°51	17°12	12°3	8°30	27°16	27°30	3°6	9°2	W 13
T 14	5 30 53	21°42'14	27°8	3°27	16°55	7°35	11°46	23°56	17°10	12°2	8°30	27°D16	27°26	3°13	9°3	T 14
F 15	5 34 50	22°43'04	9♂10	4°59	17°12	7°40	11°42	24°0	17°7	12°1	8°30	27°16	27°23	3°20	9°5	F 15
S 16	5 38 47	23°43'54	21°4	6°30	17°31	7°46	11°37	24°5	17°5	11°59	8°30	27°16	27°20	3°26	9°6	S 16
S 17	5 42 43	24°44'46	2♂55	8°2	17°52	7°53	11°33	24°10	17°2	11°58	8°30	27°16	27°17	3°33	9°8	S 17
M 18	5 46 40	25°45'38	14°43	9°33	18°15	8°0	11°30	24°14	17°0	11°57	8°29	27°17	27°14	3°40	9°10	M 18
T 19	5 50 36	26°46'31	26°32	11°4	18°39	8°8	11°26	24°19	16°57	11°56	8°29	27°17	27°11	3°46	9°12	T 19
W 20	5 54 33	27°47'25	8♂28	12°34	19°6	8°17	11°23	24°24	16°55	11°55	8°29	27°R17	27°7	3°53	9°14	W 20
T 21	5 58 29	28°48'20	20°33	14°4	19°34	8°26	11°19	24°29	16°52	11°54	8°28	27°17	27°4	4°0	9°16	T 21
F 22	6 2 26	29°49'15	2♂52	15°34	20°3	8°37	11°16	24°34	16°50	11°53	8°28	27°D17	27°1	4°6	9°17	F 22
S 23	6 6 22	0♂50'11	15°31	17°3	20°35	8°47	11°13	24°39	16°47	11°52	8°28	27°17	26°58	4°13	9°20	S 23
S 24	6 10 19	1°51'08	28°32	18°32	21°7	8°59	11°11	24°45	16°45	11°51	8°27	27°17	26°55	4°20	9°22	S 24
M 25	6 14 16	2°52'05	11♂58	19°59	21°42	9°11	11°8	24°50	16°43	11°50	8°27	27°18	26°51	4°26	9°24	M 25
T 26	6 18 12	3°53'03	25°52	21°26	22°17	9°23	11°6	24°55	16°40	11°49	8°26	27°18	26°48	4°33	9°26	T 26
W 27	6 22 9	4°54'01	10♂12	22°51	22°54	9°37	11°4	25°1	16°38	11°48	8°26	27°19	26°45	4°40	9°28	W 27
T 28	6 26 5	5°55'00	24°55	24°15	23°32	9°50	11°2	25°6	16°36	11°47	8°26	27°R19	26°42	4°47	9°31	T 28
F 29	6 30 2	6°56'00	9♂53	25°38	24°12	10°5	11°1	25°12	16°33	11°47	8°25	27°19	26°39	4°53	9°33	F 29
S 30	6 33 58	7°57'00	25°0	26°58	24°53	10°20	10°59	25°17	16°31	11°46	8°24	27°18	26°36	5°0	9°35	S 30
S 31	6 37 55	8♂58'01	10♂5	28♂16	25♂35	10♂35	10♂58	25♂23	16♂29	11♂45	8♂24	27♂17	26♂32	5♂7	9♂38	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	21s39	22n57	0s23	23s20	1s2	17s33	0s49	14n16	0n16	14n24	1s20	14s52	1s9	22n47	0s0	13n49
S 2	21 48	20 40	1 43	23 37	1 8	17 15	0 34	14 17	0 19	14 22	1 20	14 51	1 9	22 46	0 0	13 48
S 3	21 57	17 2	2 55	23 53	1 13	16 58	0 20	14 18	0 22	14 20	1 20	14 50	1 9	22 46	0 0	13 48
M 4	22 5	12 24	3 56	24 7	1 19	16 43	0 7	14 20	0 25	14 19	1 20	14 49	1 9	22 46	0 0	13 47
T 5	22 13	7 9	4 41	24 21	1 24	16 28	0n 7	14 21	0 27	14 17	1 19	14 47	1 9	22 46	0 0	13 47
W 6	22 21	1 38	5 8	24 33	1 30	16 15	0 20	14 23	0 30	14 16	1 19	14 46	1 9	22 45	0 0	13 47
T 7	22 28	3s52	5 17	24 43	1 35	16 3	0 32	14 25	0 33	14 14	1 19	14 45	1 9	22 45	0 0	13 46
F 8	22 35	9 4	5 8	24 53	1 40	15 51	0 44	14 28	0 35	14 13	1 19	14 43	1 9	22 45	0 0	13 46
S 9	22 41	13 45	4 43	25 1	1 44	15 41	0 56	14 30	0 38	14 11	1 18	14 42	1 9	22 45	0 0	13 46
S 10	22 47	17 43	4 3	25 8	1 49	15 32	1 7	14 33	0 40	14 10	1 18	14 41	1 9	22 45	0 0	13 45
M 11	22 52	20 46	3 12	25 13	1 53	15 24	1 18	14 36	0 42	14 9	1 18	14 39	1 9	22 44	0 0	13 45
T 12	22 57	22 46	2 13	25 18	1 57	15 17	1 28	14 39	0 45	14 7	1 18	14 38	1 9	22 44	0 0	13 44
W 13	23 1	23 38	1 8	25 21	2 0	15 11	1 38	14 42	0 47	14 6	1 17	14 36	1 9	22 44	0 0	13 44
T 14	23 5	23 20	0 1	25 22	2 4	15 6	1 48	14 45	0 49	14 5	1 17	14 35	1 9	22 44	0 0	13 44
F 15	23 9	21 56	1n 6	25 22	2 7	15 2	1 57	14 49	0 51	14 4	1 17	14 33	1 9	22 43	0 0	13 43
S 16	23 12	19 35	2 9	25 21	2 10	14 59	2 5	14 53	0 53	14 3	1 17	14 32	1 9	22 43	0 0	13 43
S 17	23 15	16 25	3 6	25 18	2 12	14 57	2 14	14 57	0 55	14 2	1 16	14 30	1 9	22 43	0 0	13 43
M 18	23 17	12 37	3 54	25 14	2 14	14 56	2 22	15 1	0 57	14 1	1 16	14 28	1 9	22 43	0 0	13 43
T 19	23 19	8 20	4 33	25 9	2 16	14 55	2 29	15 5	0 59	14 0	1 16	14 27	1 9	22 43	0 0	13 42
W 20	23 20	3 43	5 1	25 2	2 17	14 55	2 36	15 10	1 0	13 59	1 15	14 25	1 9	22 42	0 0	13 42
T 21	23 21	1n 7	5 16	24 54	2 18	14 56	2 43	15 15	1 2	13 59	1 15	14 23	1 9	22 42	0 0	13 42
F 22	23 21	5 59	5 16	24 44	2 18	14 58	2 49	15 20	1 4	13 58	1 15	14 22	1 9	22 42	0 0	13 41
S 23	23 21	10 44	5 2	24 33	2 18	15 1	2 55	15 25	1 5	13 57	1 15	14 20	1 9	22 42	0 0	13 41
S 24	23 20	15 9	4 32	24 21	2 18	15 4	3 1	15 30	1 7	13 57	1 14	14 18	1 9	22 41	0 0	13 41
M 25	23 19	18 57	3 46	24 7	2 17	15 7	3 6	15 35	1 8	13 56	1 14	14 16	1 9	22 41	0 0	13 41
T 26	23 17	21 50	2 46	23 52	2 15	15 12	3 11	15 40	1 10	13 56	1 14	14 15	1 9	22 41	0 0	13 40
W 27	23 15	23 26	1 34	23 36	2 13	15 16	3 16	15 46	1 11	13 56	1 13	14 13	1 9	22 41	0 0	13 40
T 28	23 13	23 28	0 13	23 18	2 10	15 22	3 20	15 52	1 13	13 55	1 13	14 11	1 9	22 40	0 0	13 40
F 29	23 10	21 50	1s 9	23 0	2 6	15 27	3 24	15 57	1 14	13 55	1 13	14 9	1 9	22 40	0 0	13 40
S 30	23 7	18 38	2 28	22 40	2 1	15 33	3 27	16 3	1 15	13 55	1 13	14 7	1 9	22 40	0 0	13 40
S 31	23s 3	14n11	3s36	22s20	1s56	15s40	3n31	16n 9	1n17	13n55	1s12	14s 5	1s 9	22n40	0s 0	13n40

Julian Day Number = 2707183.5, Delta T = 27m14s

Ecliptic obliquity = 23°20'54", Nutation = 0°00'16"

Ayanamsha: Fagan/Bradley = 34°31'55", Lahiri = 33°38'55"